Appendix A

Project Narrative and Plans

9176 SUNSET BOULEVARD

AUGUST 22, 2025

Faring. StandardVision JBC Gensler

PROJECT INTRODUCTION

Globally celebrated for its unique character, edgy cultural touchstones and creative billboards, the Sunset Strip is moving into a new chapter of digital innovation. Understanding Sunset Strip as a cultural resource and a curated space, 9176 Sunset is an iconic gateway experience at the western end of West Hollywood's most famous boulevard.

WeHo and the Sunset Strip are both about 'pushing the envelope.' 9176 Sunset responds to this charge with landmark digital experiences, public art and groundbreaking environmental sustainability. The first all-electrical Class-A building in West Hollywood history, 9176 Sunset was honored to receive the City of West Hollywood Public Facilities Commission 'Green Seedling Award' for implementing cutting-edge renewable technologies. This paradigm-shifting project and iconic digital signage proudly announce your arrival to the Creative City in true West Hollywood style.

The Sunset Strip is where cultural game-changers come to make their mark. 9176 Sunset continues that storied journey into the future of Sunset Boulevard.



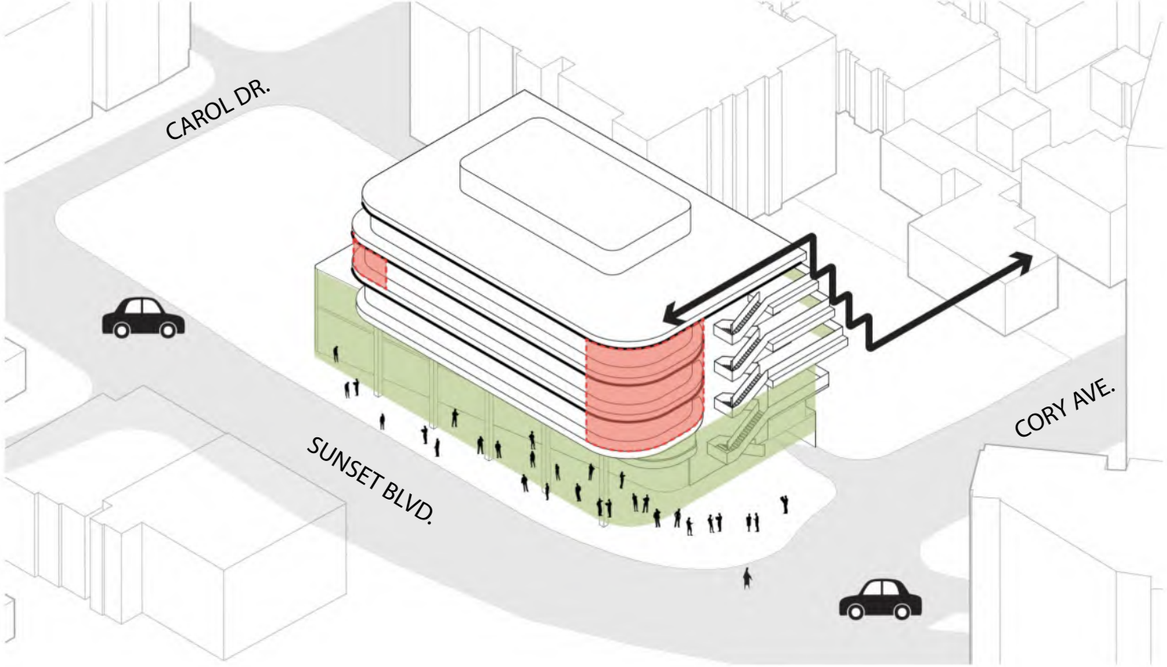


PROJECT NARRATIVE

Contemplated as celebratory milestone on the Western end of the Sunset Strip, 9176 Sunset occupies a landmark corner and literal break in the Boulevard -- a dividing line between commercial and residential districts. Similarly, the project design ‘turns the corner,’ gracefully transforming a bold commercial presence to a humble, thoughtful neighbor.

Delivering on the Sunset Specific Plan designation of a ‘Minor Landmark’ site, 9176 Sunset fulfills the City’s desire for a distinctive visual anchor where lighting dramatizes architectural design. 9176 Sunset’s curvilinear shape is contextual, but formally innovative. It recalls the vocabulary of streamline modernism without being literal or nostalgic. Eschewing overt formalism, 9176 Sunset’s architecture is purposefully restrained and elegant, focused on material and detailing richness that enhances human experience. 9176 Sunset is a timeless landmark of lasting value for the City of West Hollywood.







PROJECT NARRATIVE

The architecture of 9176 Sunset elevates three unique features that deliver a landmark building at the Western gateway of the Boulevard – an innovative digital façade for the Sunset Strip, sheltering a lush, street-front garden with a sensitive and well-scaled approach toward the neighborhood.

Integration of two digital canvases into the 9176 Sunset's architectural form highlight the gateway potential of the site. The digital canvases augment and are informed by the building architecture, alluding to the dynamism of the Sunset Strip. The content of the full-motion animated billboards nested in the northwest and northeast corners of the building moves across the canvases, conceived as transparent veils which offer views out from behind their uniquely slender aspect ratio LED louvers.

Secondly, the digital canvases float above a two story, generously landscaped ground level. This entry volume underneath a cantilevered ceiling is sheltered by a lush hanging garden over a publicly accessible and memorable space with café's, seating, and lush landscaping. A meaningful Public Realm Enhancement installation further defines this important and memorable corner location.

The third defining feature of the building are the sloped, planted terraces on the south elevation. Compared to the dynamic Sunset Boulevard presence of this design, architectural form softens and steps down to meet the nearby residential scale on the southern side of the building. Deep terraces add to passive cooling and present a verdant, green elevation below the Boulevard.

9176 Sunset is the long-desired anchor of Sunset Strip's western end and will appropriately celebrate the arrival into West Hollywood for generations to come.



PROJECT DATA

SITE & FLOOR AREA SUMMARY

AREA 8-D (SUNSET SPECIFIC PLAN)

AREA CALCS FAR 2.85	MAXIMUM FLOOR AREA 53,033 SF (53,033 SF = 18,608 SF LOT AREA x 2.85 FAR)		
		FLOOR AREA	OPEN SPACE
LEVEL 06 - ROOF	BOH / MEP	636	
	TOTAL	636	
LEVEL 05			
	OFFICE	7,638	
	RESTROOMS/MEP/CORE+SHAFTS	1,380	
	TERRACE		429
	PLANTING AREA		330
	TOTAL	9,018	759
LEVEL 04			
	OFFICE	7,974	
	RESTROOMS/MEP/CORE+SHAFTS	1,358	
	TERRACE		664
	PLANTING AREA		332
	TOTAL	9,332	996
LEVEL 03			
	OFFICE	9,102	
	RESTROOMS/MEP/CORE+SHAFTS	1,380	
	TERRACE		1,947
	PLANTING AREA		1,996
	TOTAL	10,482	3,943
LEVEL 02			
	OFFICE	11,616	
	RESTROOMS/MEP/CORE+SHAFTS	1,356	
	TERRACE		
	TOTAL	12,972	0
LEVEL 01			
	OFFICE (LOBBY)	590	
	TERRACE/PLAZA		394
	PLANTING		228
	RETAIL/F&B - WEST TENANT	4,569	
	RETAIL/F&B - EAST TENANT	3,323	
	BOH / MEP - OFFICE	2,002	
	BOH / MEP - for F&B/RETAIL	75	
	TOTAL	10,559	622
ABOVE GROUND TOTAL		**52,999**	

		FLOOR AREA	OPEN SPACE
TOTAL AREA BREAKDOWN	**OFFICE**	**36,920**	
	RETAIL / F&B	**7,892**	
	BOH / MEP /CORE+SHAFTS	**8,187**	
	TERRACES		**3,434**
	PLANTING AREA		**2,886**

OPEN SPACE

OPEN SPACE CALCS

The SSP requires that the project provides open space for a minimum of 15% of the gross site area.
In the SSP, "Open space" is defined as "Both private and public areas left open and clear of building and designed to create a more pleasant and hospitable environment. Open space is landscaped and prefereably includes amenitities such as benches water fountains, public art, etc."

	SITE LOT AREA (SF)	MULTIPLIER	REQUIRED (SF)	PROVIDED (SF)
OPEN SPACE	18,608	15%	2,791	**6,320**

PARKING SUMMARY

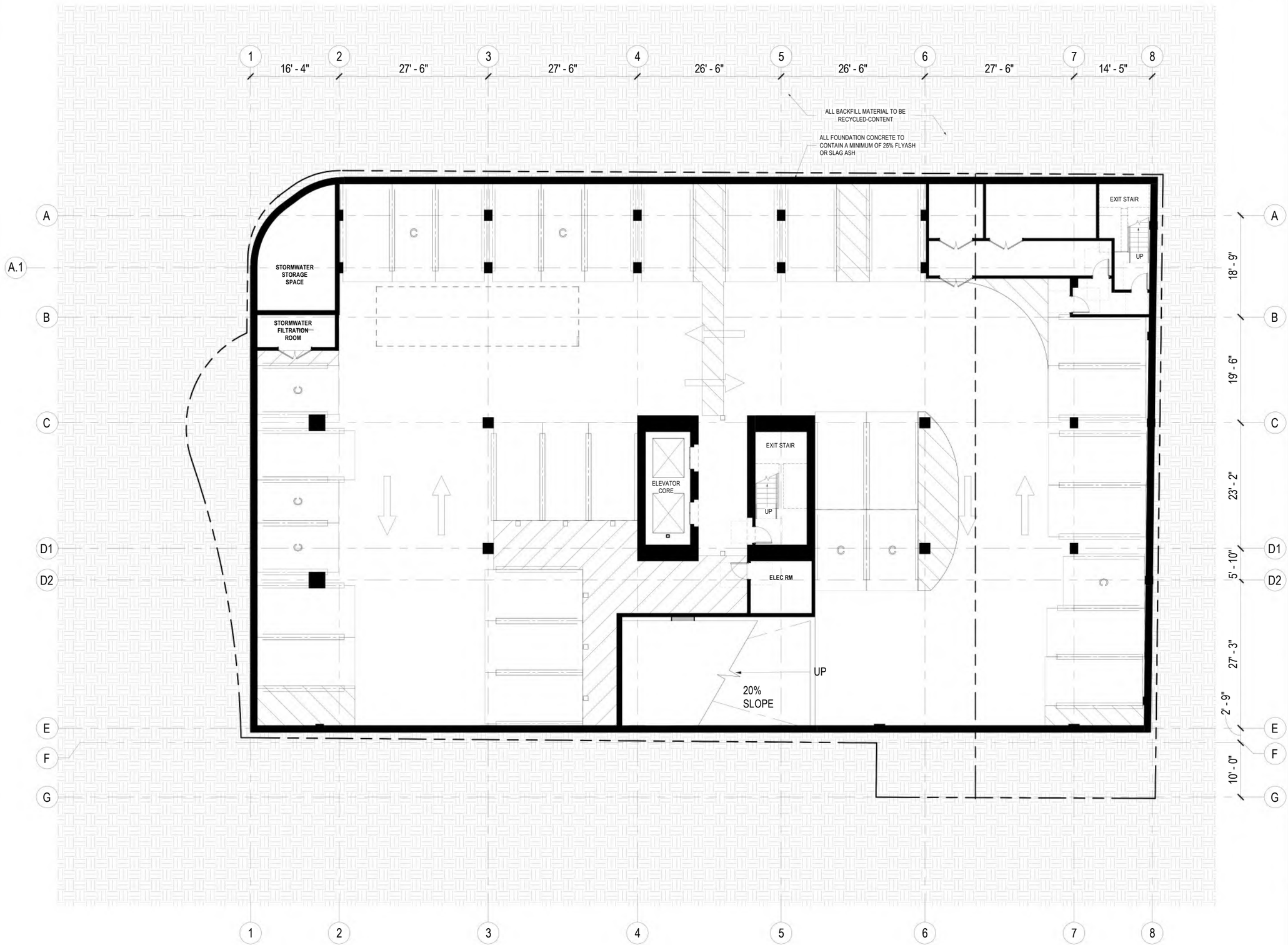
PARKING CALCS

		AREA	REQUIRED STALLS
F&B - West Tenant	3.5 PER 1000 SF	4,569	**15.00**
F&B - Outdoor seating	3.5 PER 1000 SF	350	**1.00**
F&B - East Tenant (+MEP Retail SF)	3.5 PER 1000 SF	3,398	**11.00**
Second Use Reduction	50% reduction of all secondary use spaces		**13.50**
OFFICE	2 PER 1000 SF FIRST 25000 SF	25,000	**50**
	1 PER 1000 SF (after first 25000sf)	20,032	**20**
LOADING	1 LOADING/40,000SF	45,032	**2**
TOTAL REQUIRED CAR PARKING			**84**
TOTAL REQUIRED LOADING SPACES			**2**
TOTAL RIDE SHARING SPACES PROVIDED *(NOT REQUIRED)*			**2**
TOTAL PARKING PROVIDED			**86**
TOTAL LOADING PROVIDED			**2**

STALL TYPES	**LL01**	**LLO2**	**LL03**	**TOTAL TYPES**	
ADA STANDARD	4			4	
ADA VAN	2			2	
COMPACT (40% MAX)	9	12	13	34	*TOTAL = 40%*
STANDARD	1	10	15	26	
ELECTRIC CHARGING (EV)	6	8	6	20	
TOTAL PARKING	24	30	34	86	
LOADING	2			2	
TOTAL LOADING				2	
TOTAL EV PARKING (20% OF TOTAL REQ'D PARKING)				20	
ADDITIONAL EV CAPABLE PARKING				20	

BIKE PARKING CALCS

		REQUIRED	PROVIDED
SHORT-TERM	1 PER EA 5,000 - 9,999 SF	1	1
	1 PER EA ADDITIONAL 10,000 SF	5	5
LONG-TERM	1 PER 7,500 SF	8	10
TOTAL REQUIRED BIKE PARKING		**14**	
TOTAL BIKE PARKING PROVIDED			**16**



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TOTAL PARKING COUNT	
STALL TYPE	COUNT
ADA STANDARD 9'-6"	2
ADA VAN 9'-0"	2
CAV	2
CAV 9'-6"	1
CAV COMPACT	2
CAV COMPACT 8'-0"	1
CAV COMPACT 8'-0" SHORT	2
COMPACT - 8'-0" width	8
COMPACT - 8'-0" width 18' long	1
COMPACT - 8'-6" width	2
COMPACT - 9'-0" width	5
COMPACT - 9'-6" width	7
EV 9'-0"	3
EV 9'-6"	11
EV COMPACT 8'-6"	3
EV COMPACT 9'-0"	4
EV VAN	1
STANDARD 8'-6"	2
STANDARD 9'-0"	21
STANDARD 9'-6"	6
2 LOADING	
86	

Date	Description
12/23/2019	ENTITLEMENT PRE-SUBMITTAL
03/19/2020	ENTITLEMENT SUBMITTAL
12/04/2020	ENTITLEMENT PRE-SUBMITTAL
01/29/2021	ENTITLEMENT RE-SUBMITTAL
03/12/2021	SCHEMATIC DESIGN ISSUANCE
02/04/2022	ENTITLEMENT SUBMITTAL UPDATES

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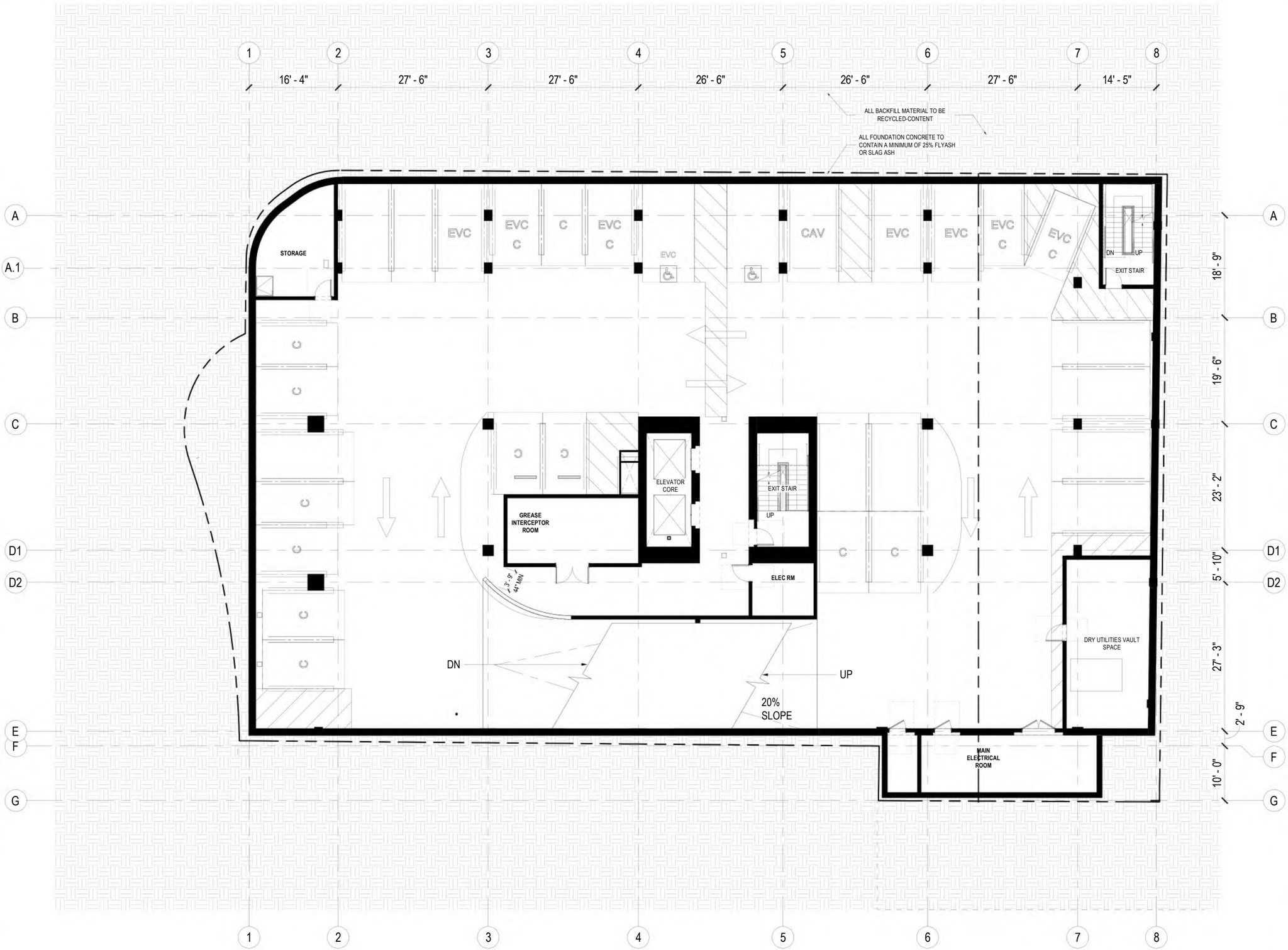
Project Number
05.2543.000

Description
FLOOR PLAN - LOWER LEVEL 03

Scale 5' 10' 15' 30'
1/8" = 1'-0"

A2.00

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COMPACT - 9'-6" width	7
EV 9'-0"	3
EV 9'-6"	11
EV COMPACT 8'-6"	3
EV COMPACT 9'-0"	4
EV VAN	1
STANDARD 8'-6"	2
STANDARD 9'-0"	21
STANDARD 9'-6"	6
2 LOADING	
86	

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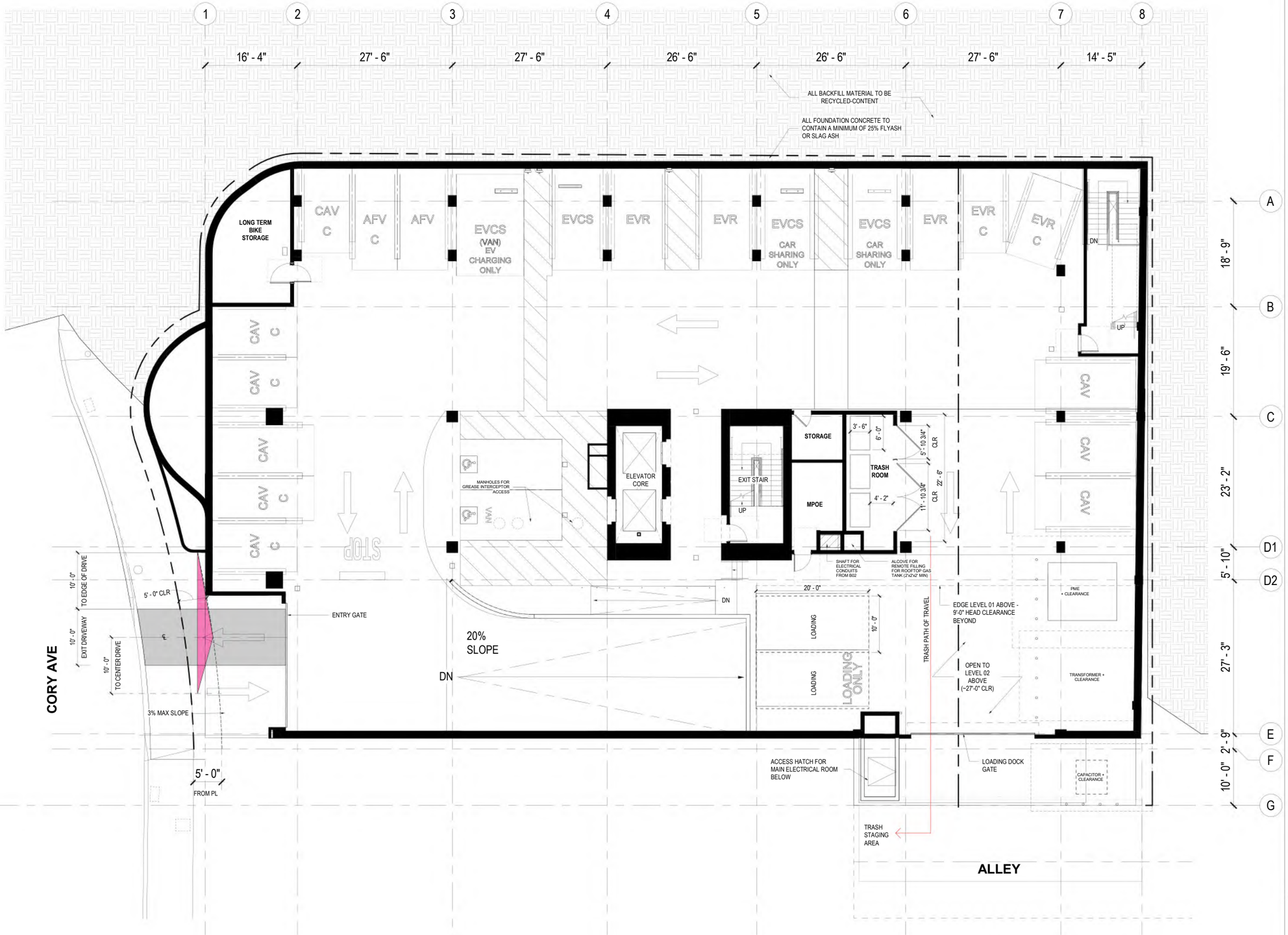
Project Number
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Description
FLOOR PLAN - LOWER LEVEL 02

Scale 5' 10' 15' 30'
1/8" = 1'-0"

A2.01

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STALL TYPE	COUNT
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ADA VAN 9'-0"	2
CAV	2
CAV 9'-6"	1
CAV COMPACT	2
CAV COMPACT 8'-0"	1
CAV COMPACT 8'-0" SHORT	2
COMPACT - 8'-0" width	8
COMPACT - 8'-0" width 18' long	1
COMPACT - 8'-6" width	2
COMPACT - 9'-0" width	5
COMPACT - 9'-6" width	7
EV 9'-0"	3
EV 9'-6"	11
EV COMPACT 8'-6"	3
EV COMPACT 9'-0"	4
EV VAN	1
STANDARD 8'-6"	2
STANDARD 9'-0"	21
STANDARD 9'-6"	6
86	
+ 2 LOADING	

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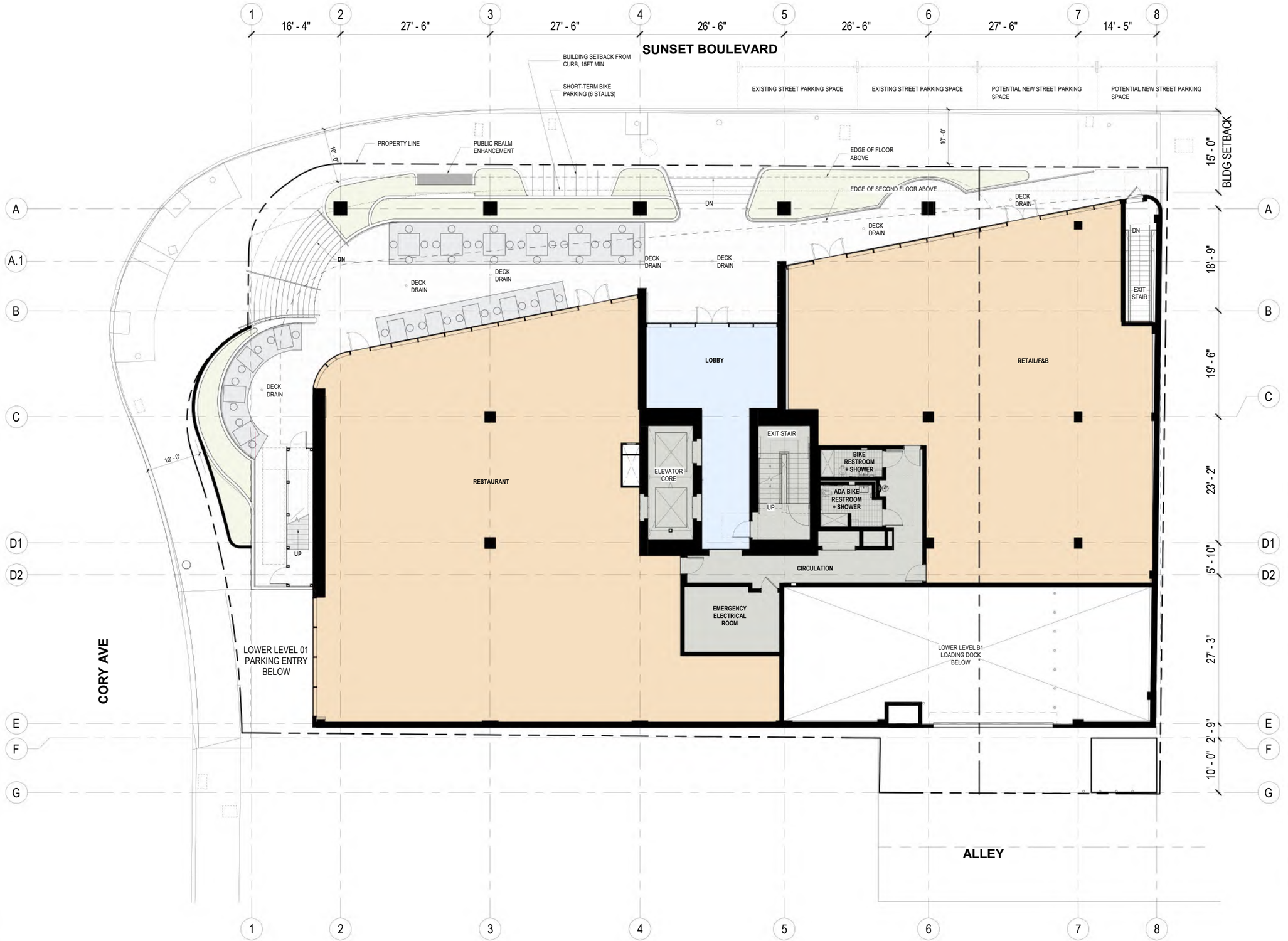
Project Number
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Description
FLOOR PLAN - LOWER LEVEL 01

Scale 5' 10' 15' 30'
1/8" = 1'-0"

A2.02

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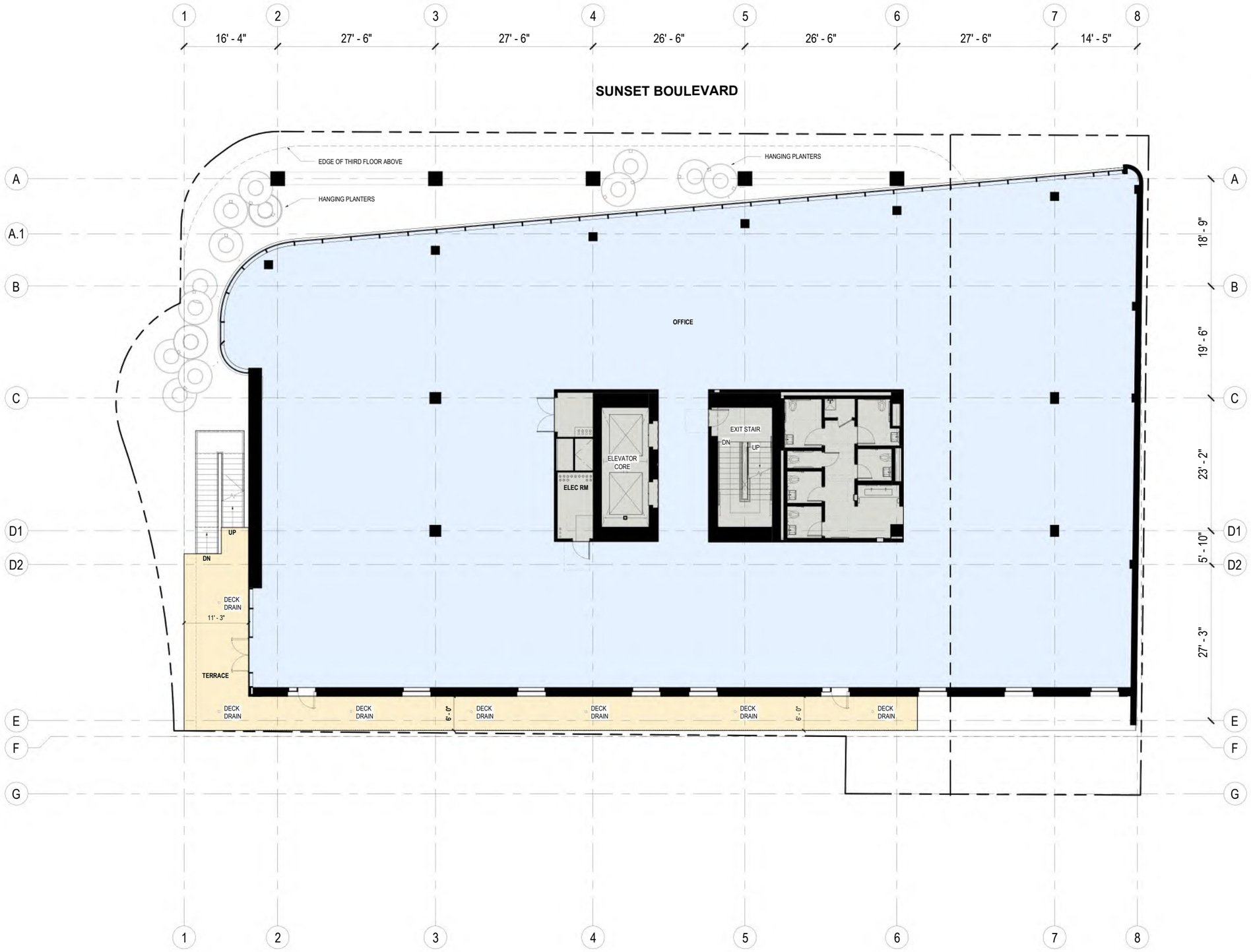
Project Number
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Description
FLOOR PLAN - LEVEL 01

Scale 5' 10' 15' 30'
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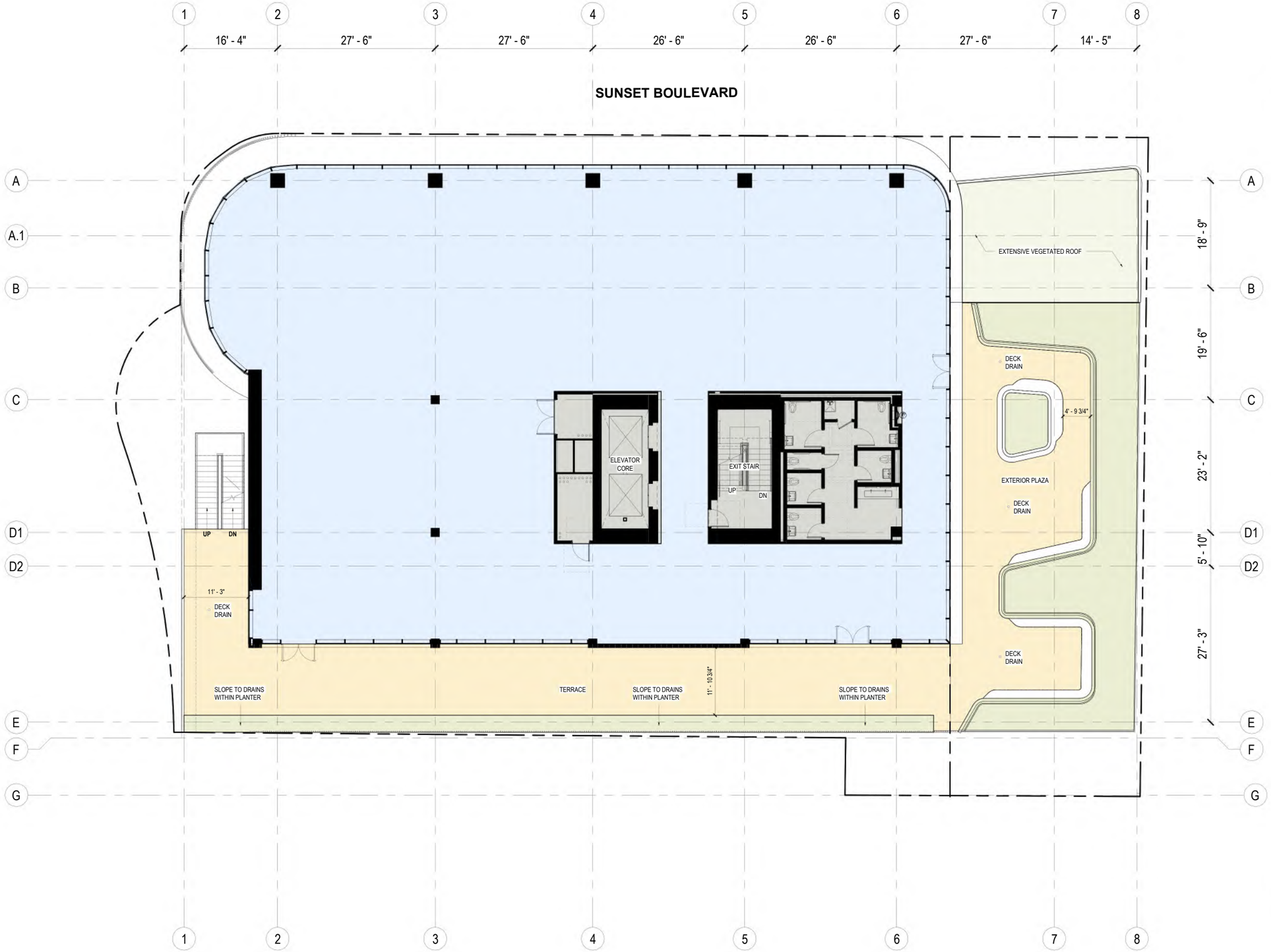
Project Number
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Description
FLOOR PLAN - LEVEL 02

Scale 5' 10' 15' 30'
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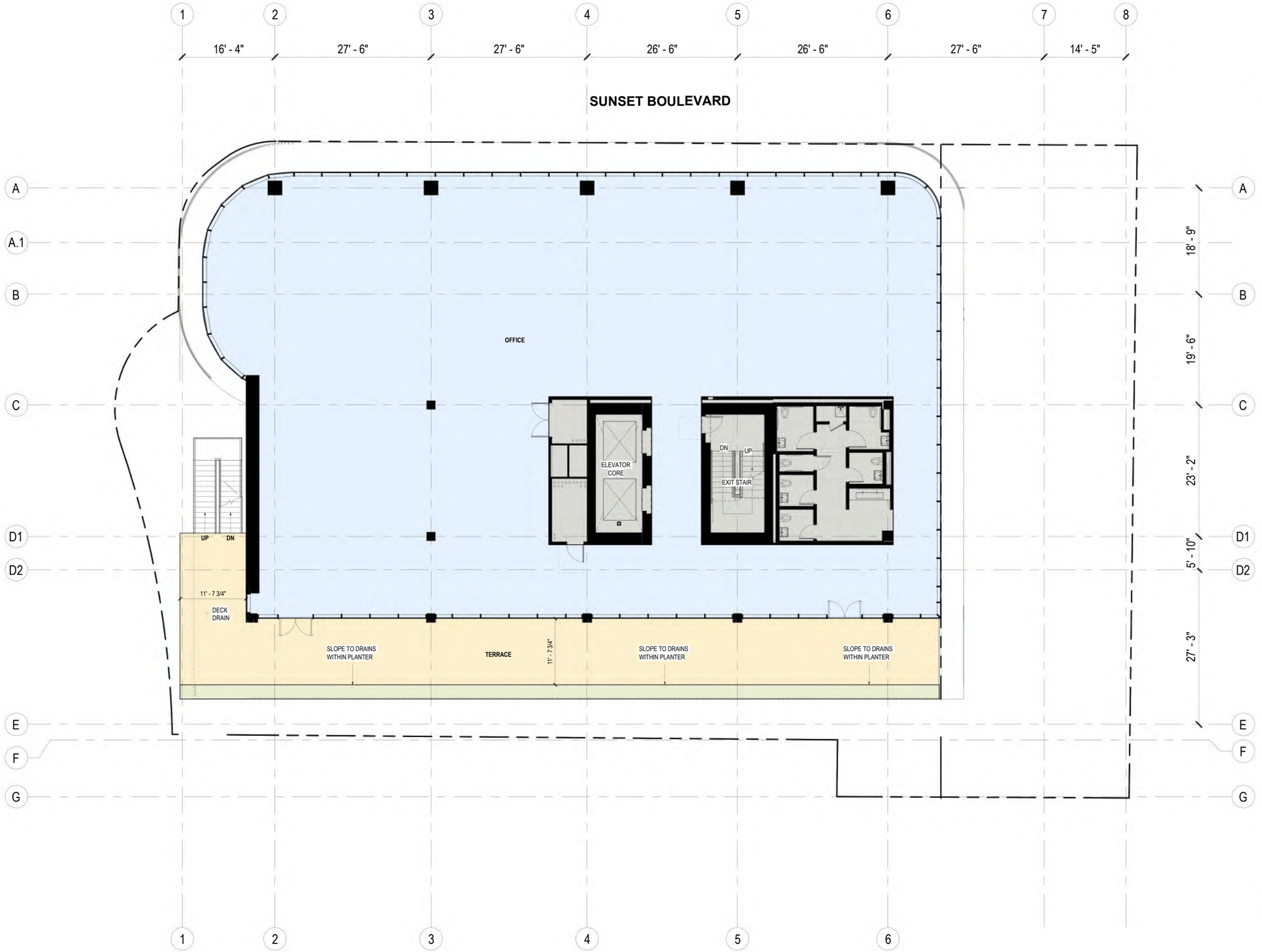
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Description
FLOOR PLAN - LEVEL 03

Scale 5' 10' 15' 30'
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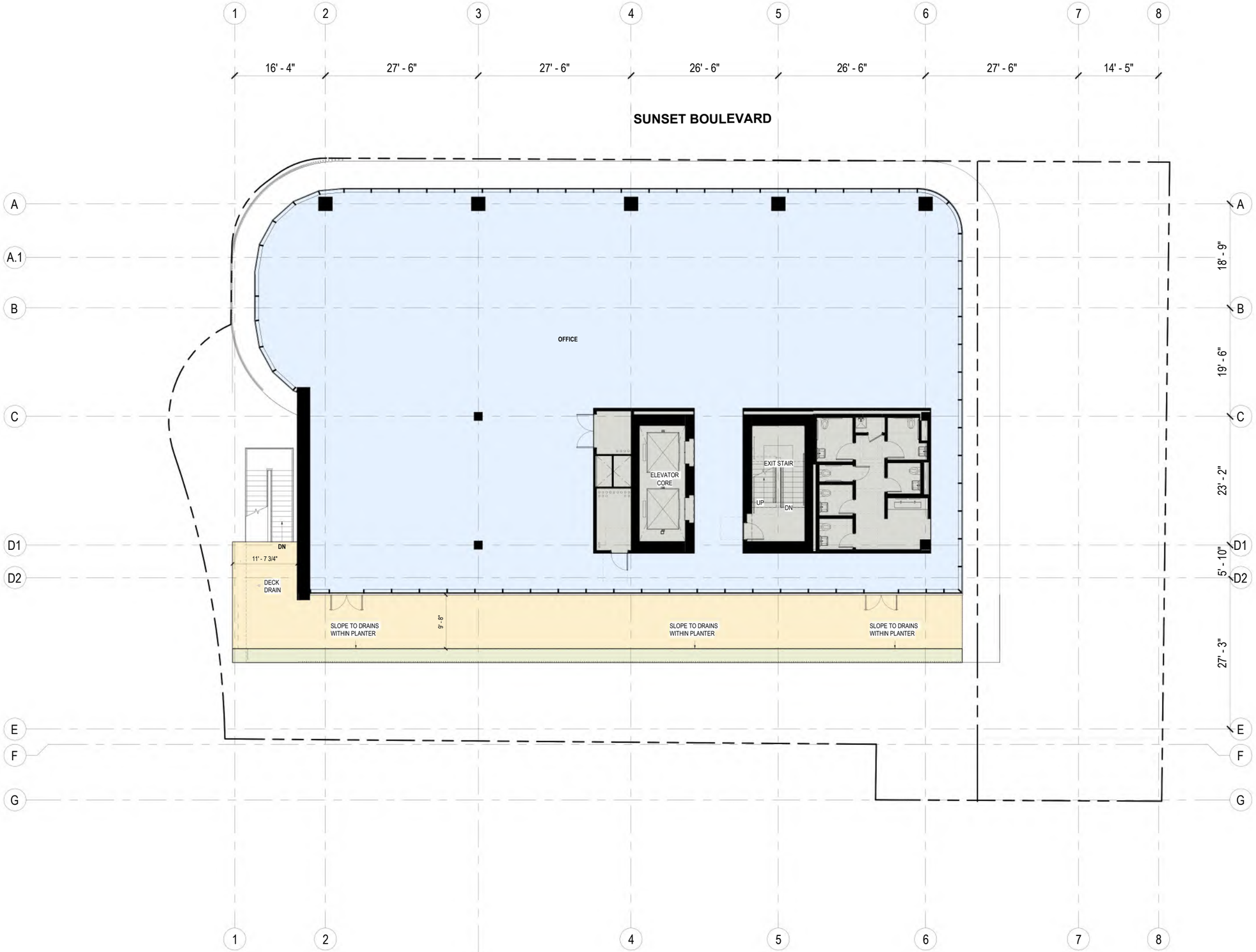
Project Number
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Description
FLOOR PLAN - LEVEL 04

Scale 5' 10' 15' 30'
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A2.06

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Description
FLOOR PLAN - LEVEL 05

Scale 5' 10' 15' 30'
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A2.07

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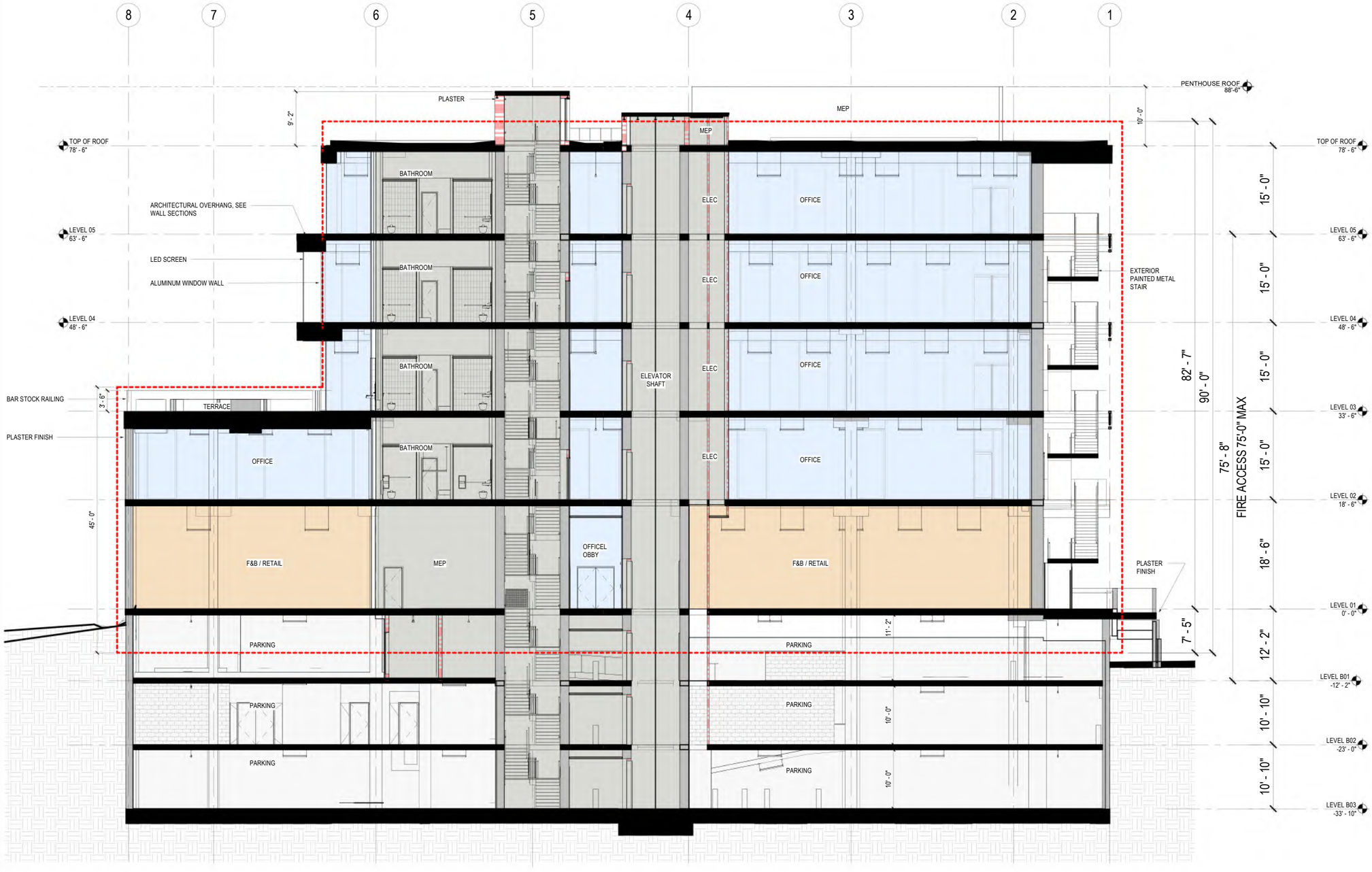
Project Number
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Description
FLOOR PLAN - LEVEL 06 - ROOF

Scale 5' 10' 15' 30'
1/8" = 1'-0"

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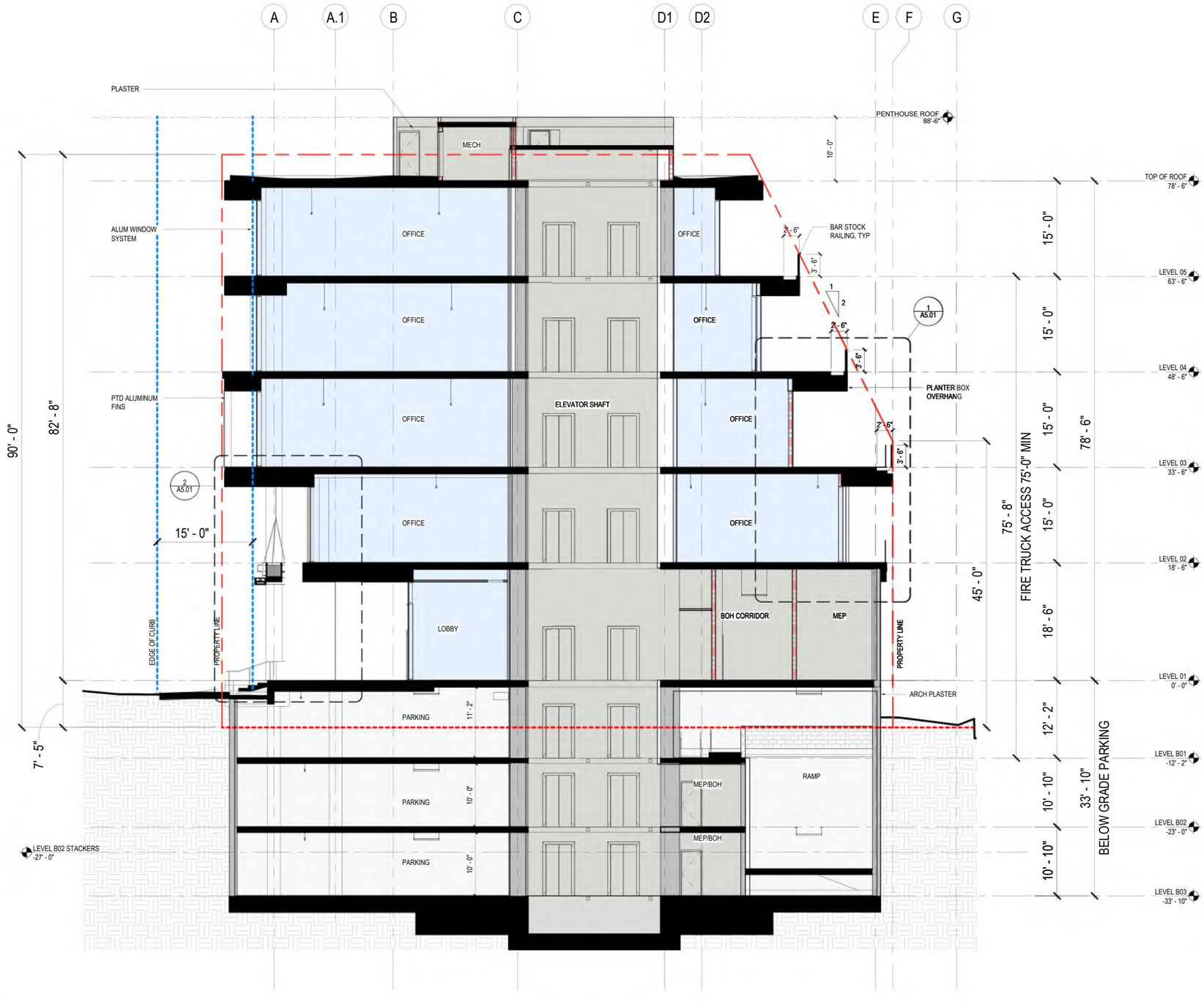
Project Number
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Description
E/W BUILDING SECTION @ GL C

Scale 5' 10' 15' 30'
1/8" = 1'-0"

A3.01

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1 NORTH SOUTH SECTION- 3 LEVEL GARAGE Envelope 1/2
1/8" = 1'-0"

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9176 SUNSET

Project Number
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Description
N/S BUILDING SECTION @ GL 4/5

Scale 5' 10' 15' 30'
1/8" = 1'-0"

A3.02

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NORTH ELEVATION

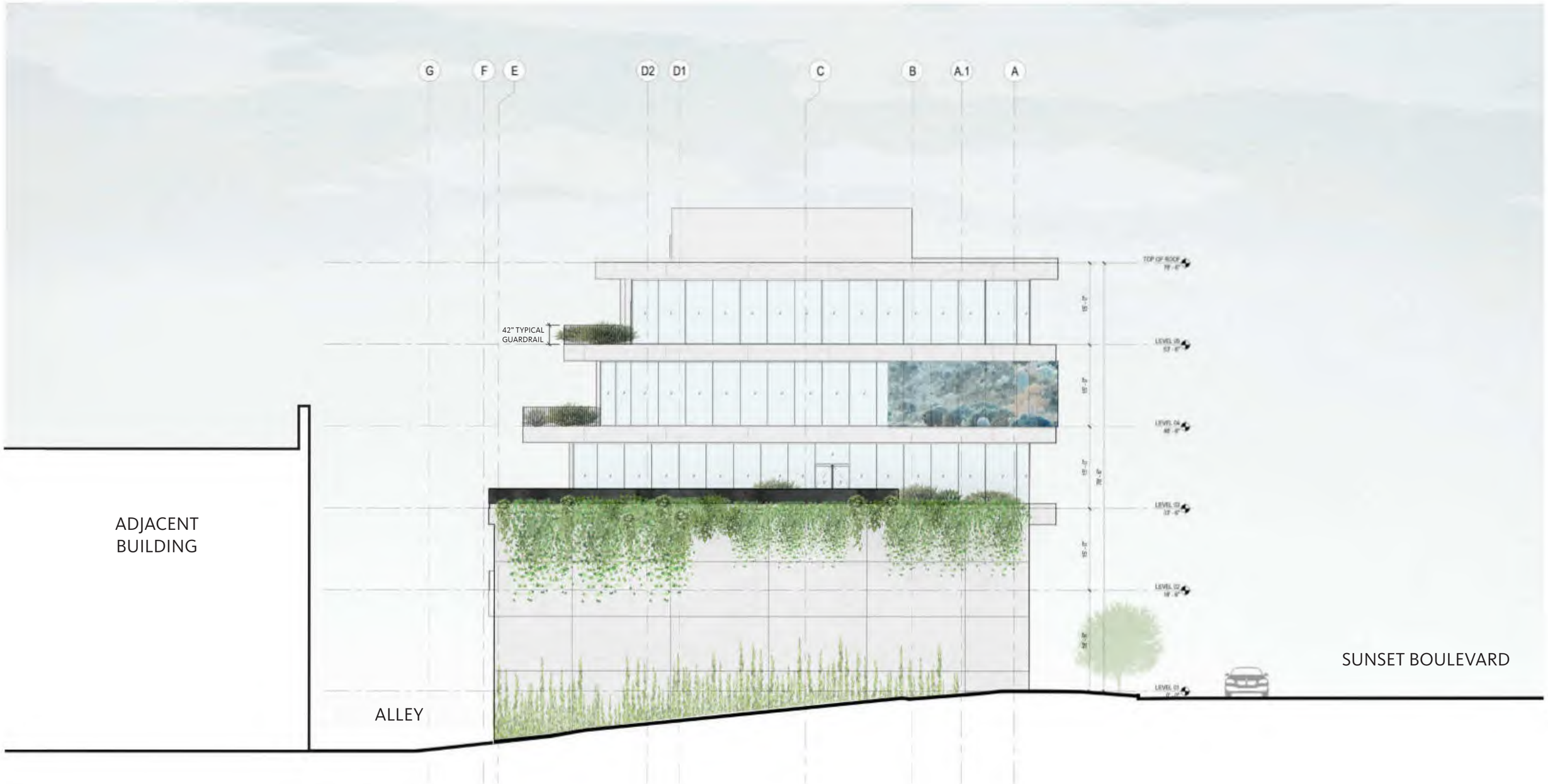


EAST ELEVATION

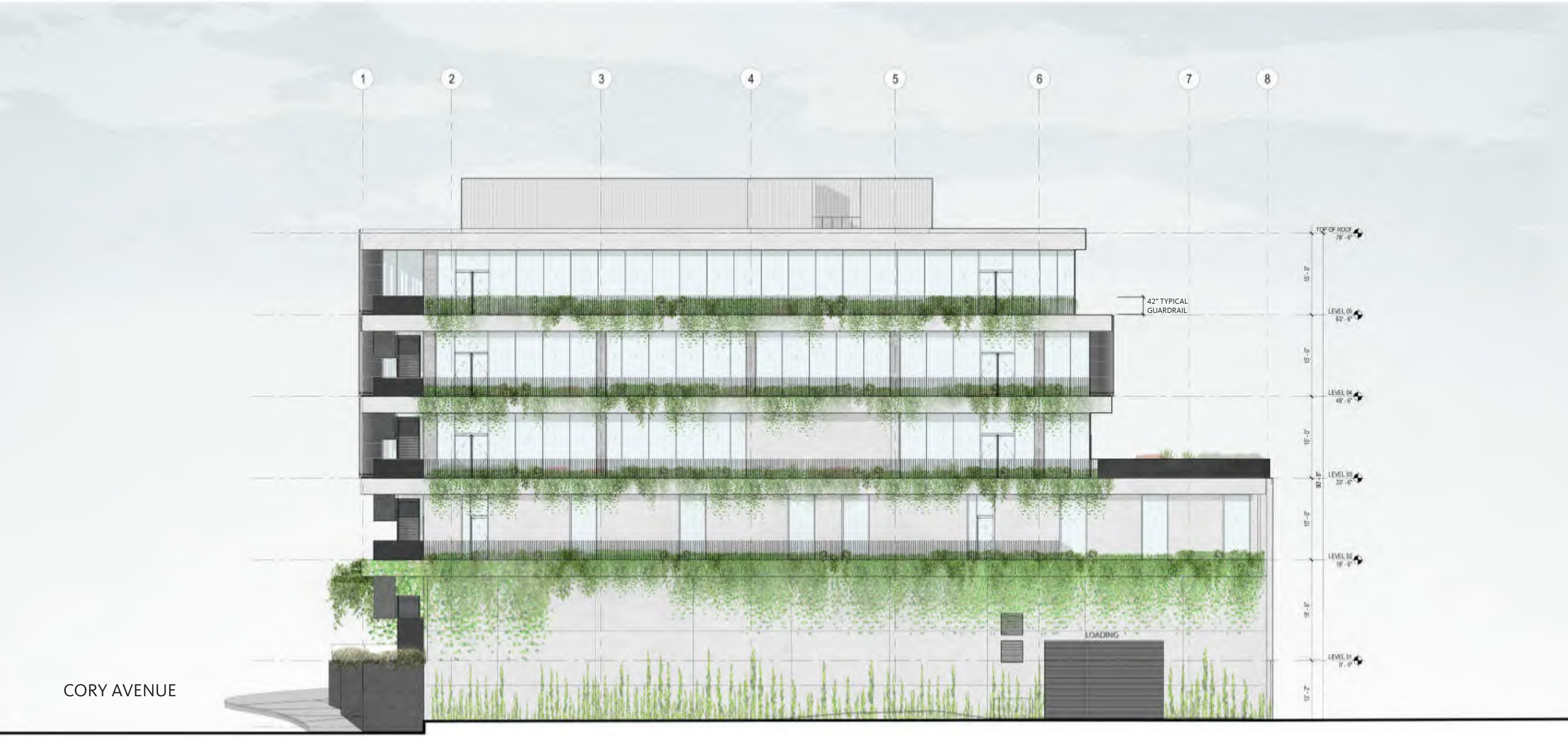


SUNSET BOULEVARD

WEST ELEVATION



SOUTH ELEVATION



SUNSET BOULEVARD AT CORY AVENUE - LANDMARK CORNER



SUNSET BOULEVARD AT CORY AVENUE - VIEW EAST



SUNSET BOULEVARD - VIEW SOUTH



SUNSET BOULEVARD - VIEW WEST



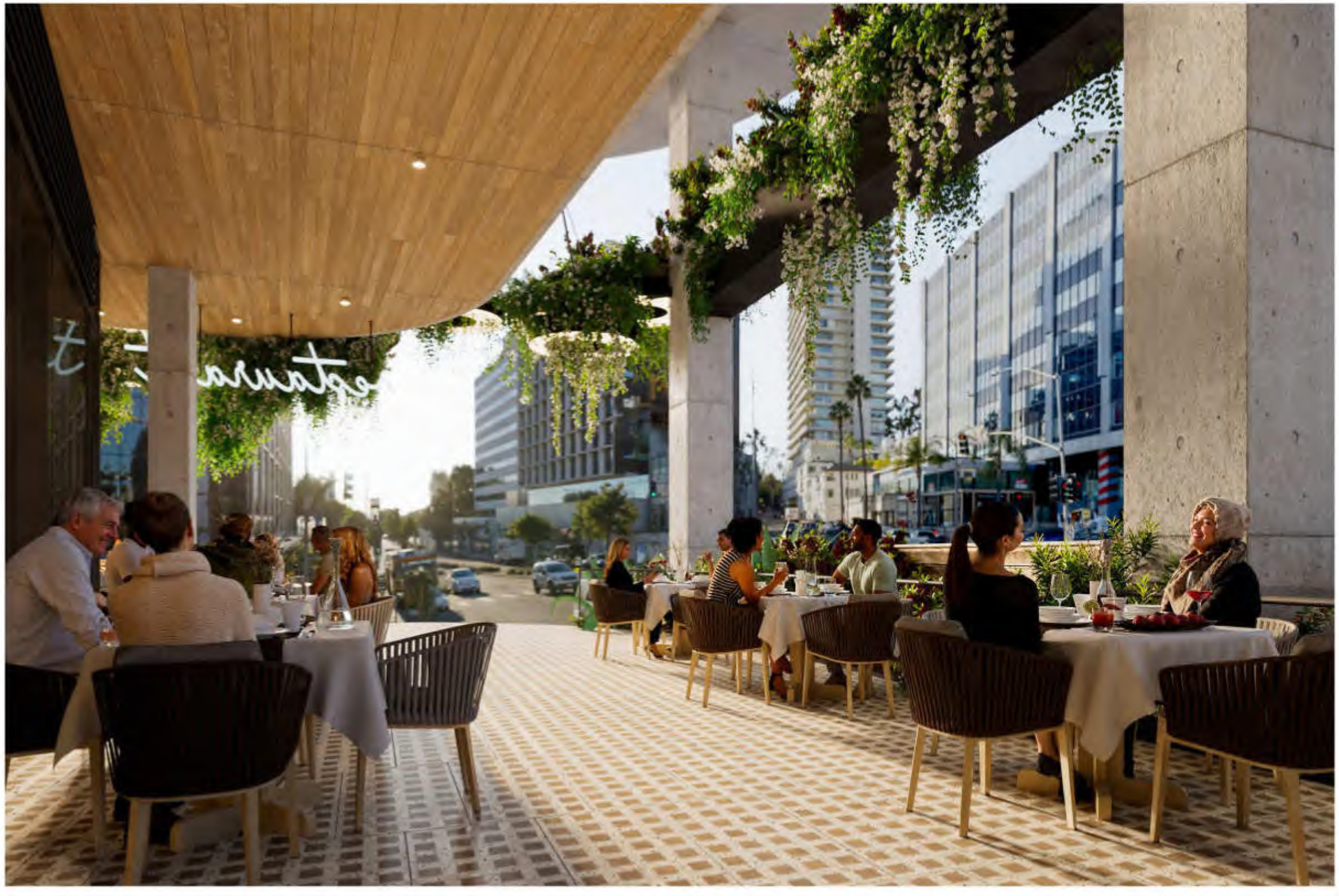
CORY AVENUE - VIEW NORTH



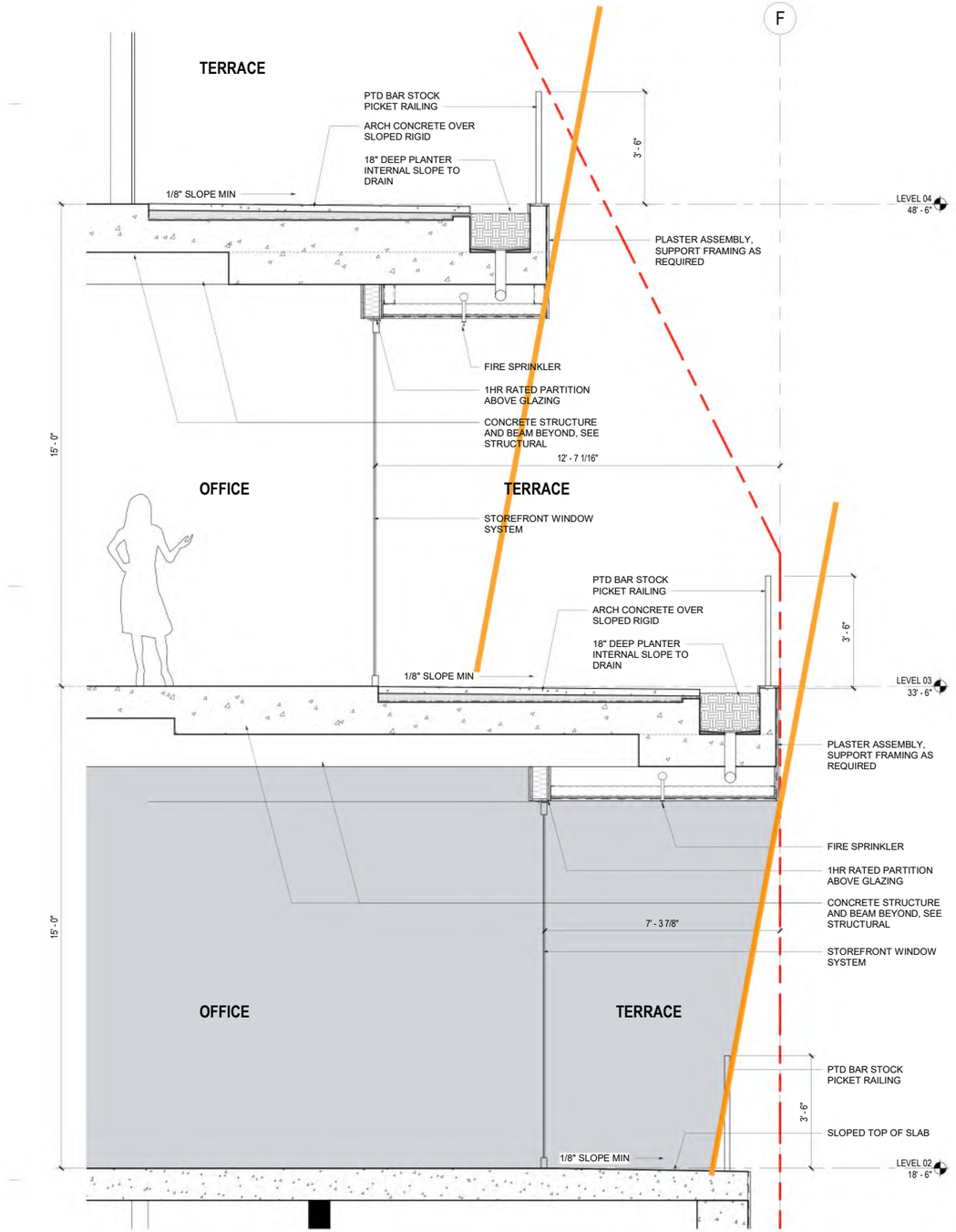
SUNSET BOULEVARD AT CORY AVENUE - GRAND STAIRWAY



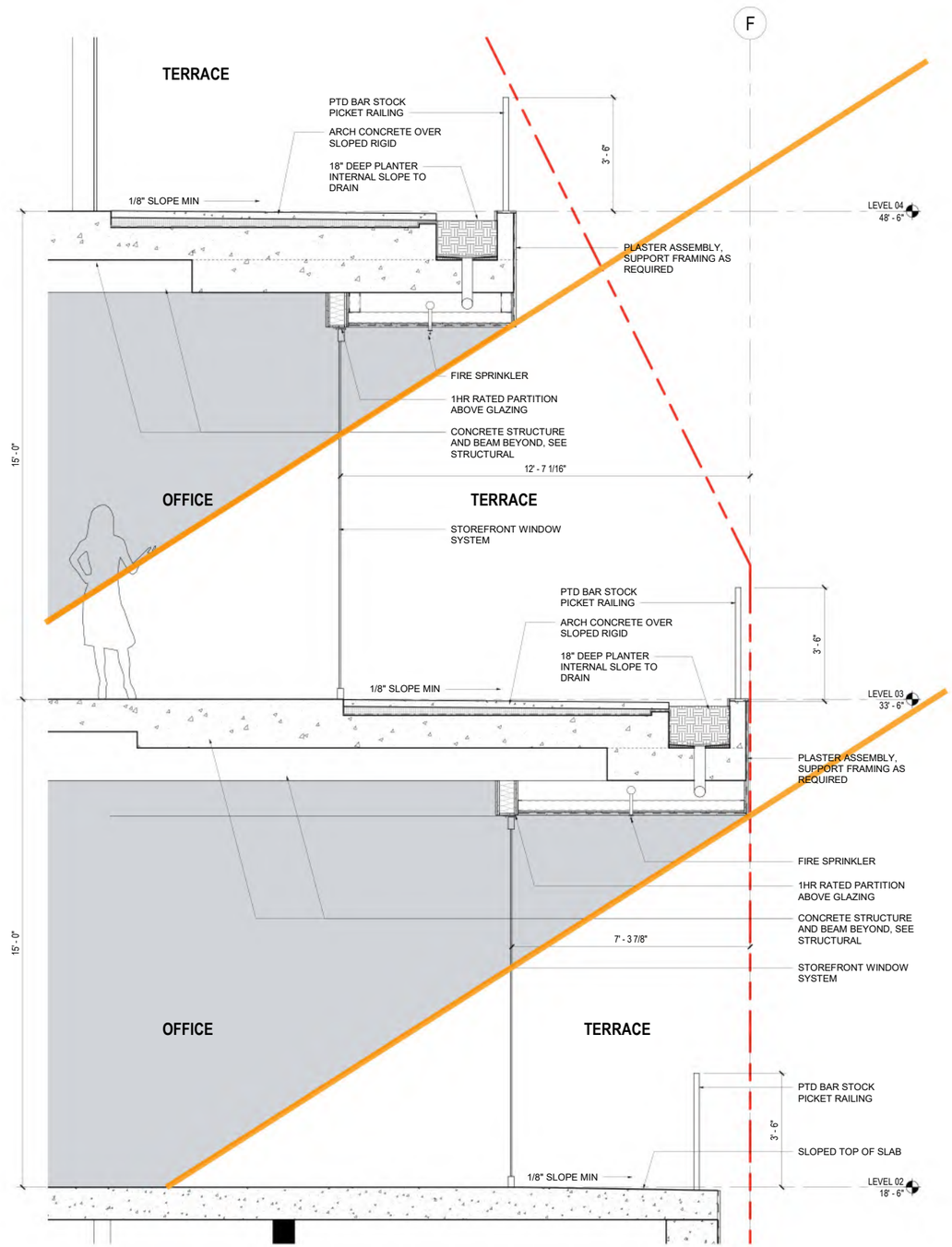
GROUND FLOOR - OUTDOOR DINING TERRACE



PASSIVE ENERGY ANALYSIS - OVERHANG PLANTER



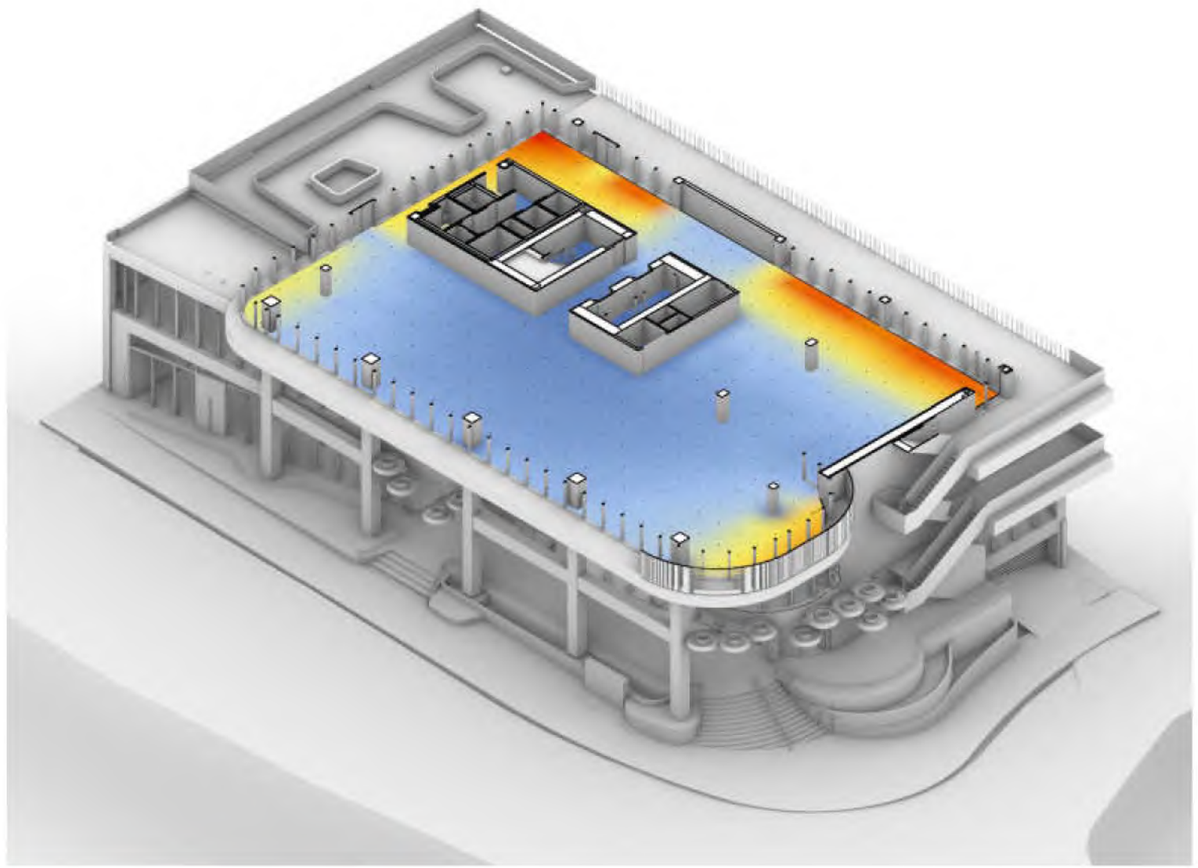
SUMMER SOLSTICE NOON SUN ANGLE



WINTER SOLSTICE NOON SUN ANGLE

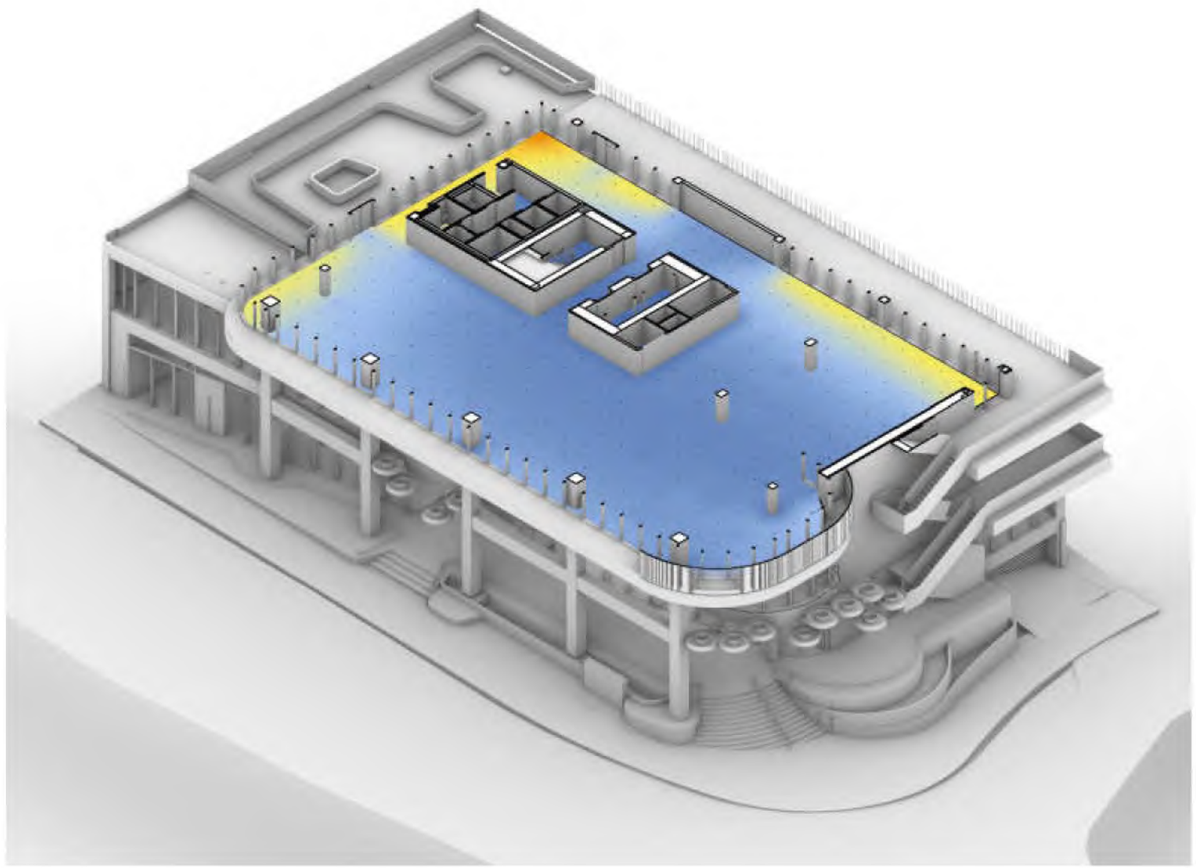
PASSIVE ENERGY ANALYSIS - SOLAR RADIATION MAP LEVEL 3

BEFORE LED BLADES AND OVERHANG



0 KWH/M² 1500 KWH/M²

AFTER LED BLADES AND OVERHANG



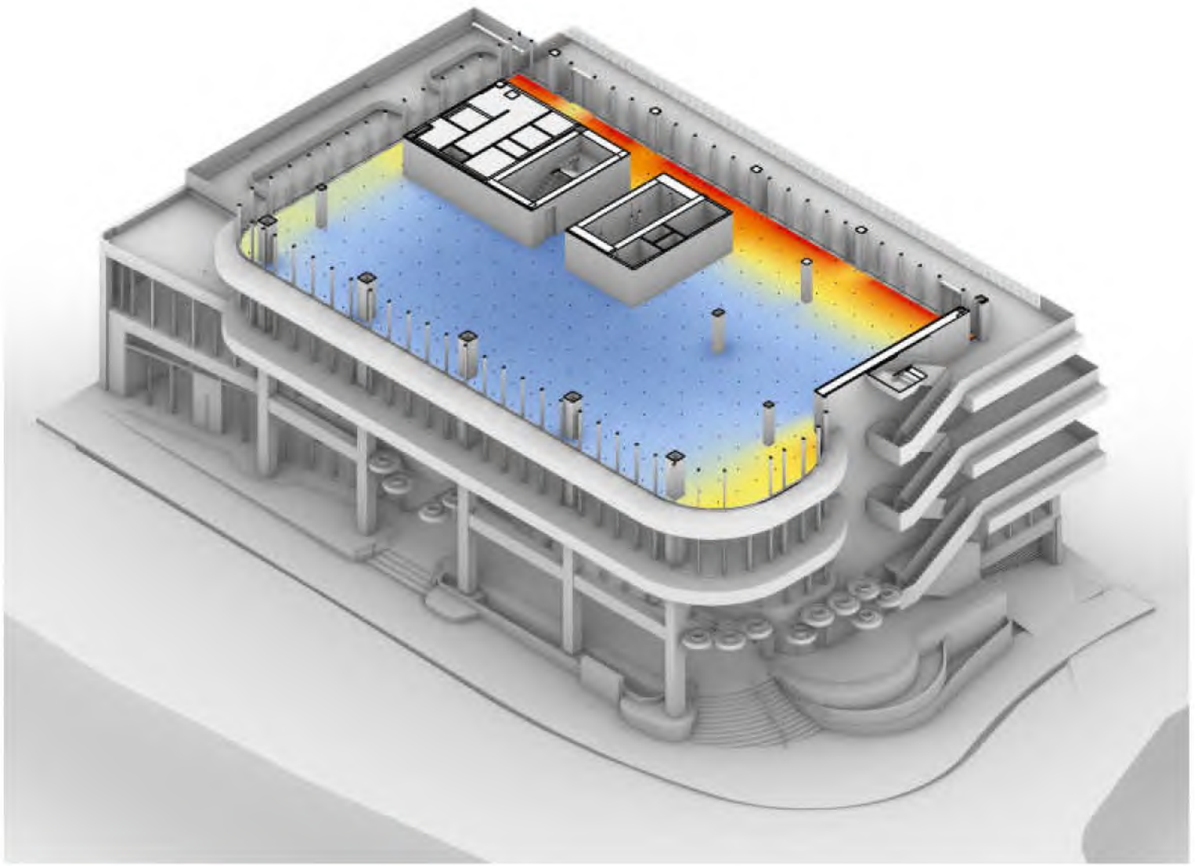
DIRECT SOLAR RADIATION REDUCTION = 56%

INDIRECT SOLAR RADIATION REDUCTION = 26%

OVERALL SOLAR RADIATION REDUCTION = **34%**

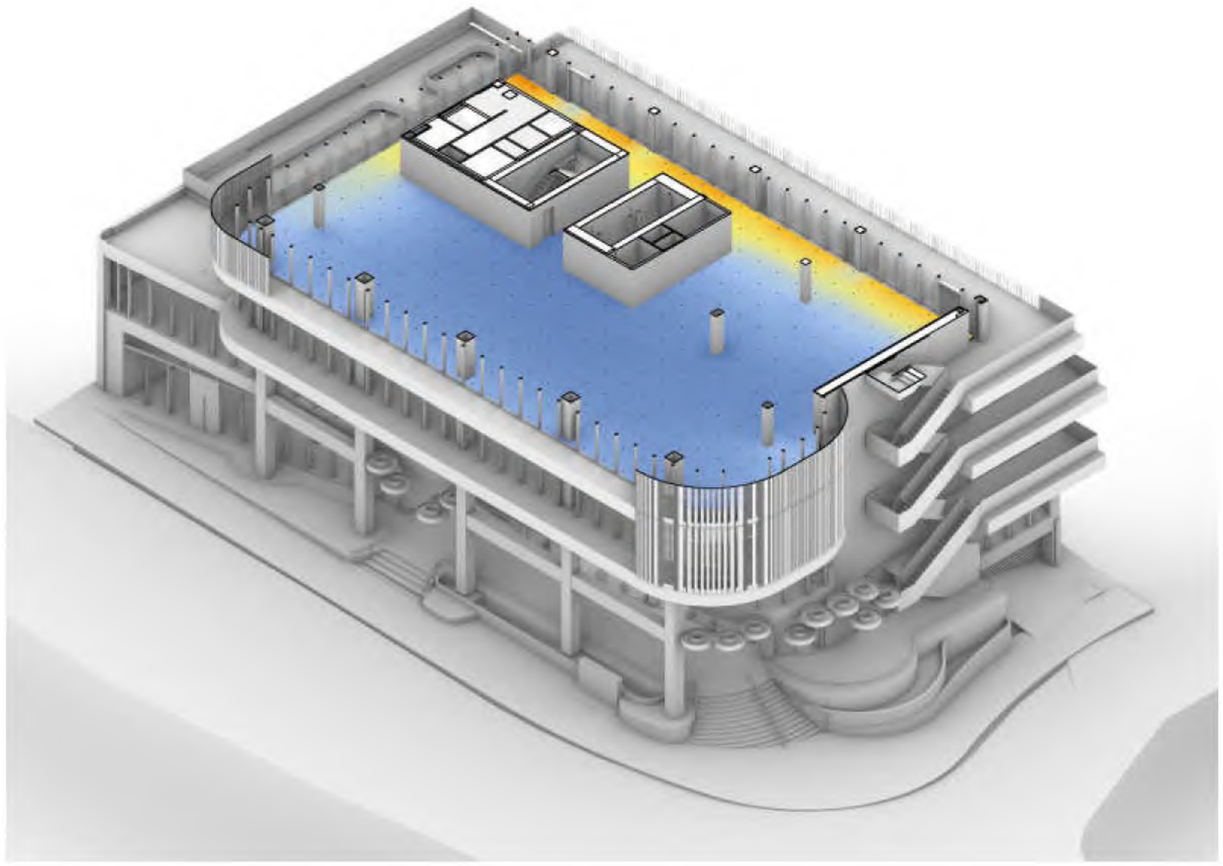
PASSIVE ENERGY ANALYSIS - SOLAR RADIATION MAP LEVEL 4

BEFORE LED BLADES AND OVERHANG



0 KWH/M² 1500 KWH/M²

AFTER LED BLADES AND OVERHANG



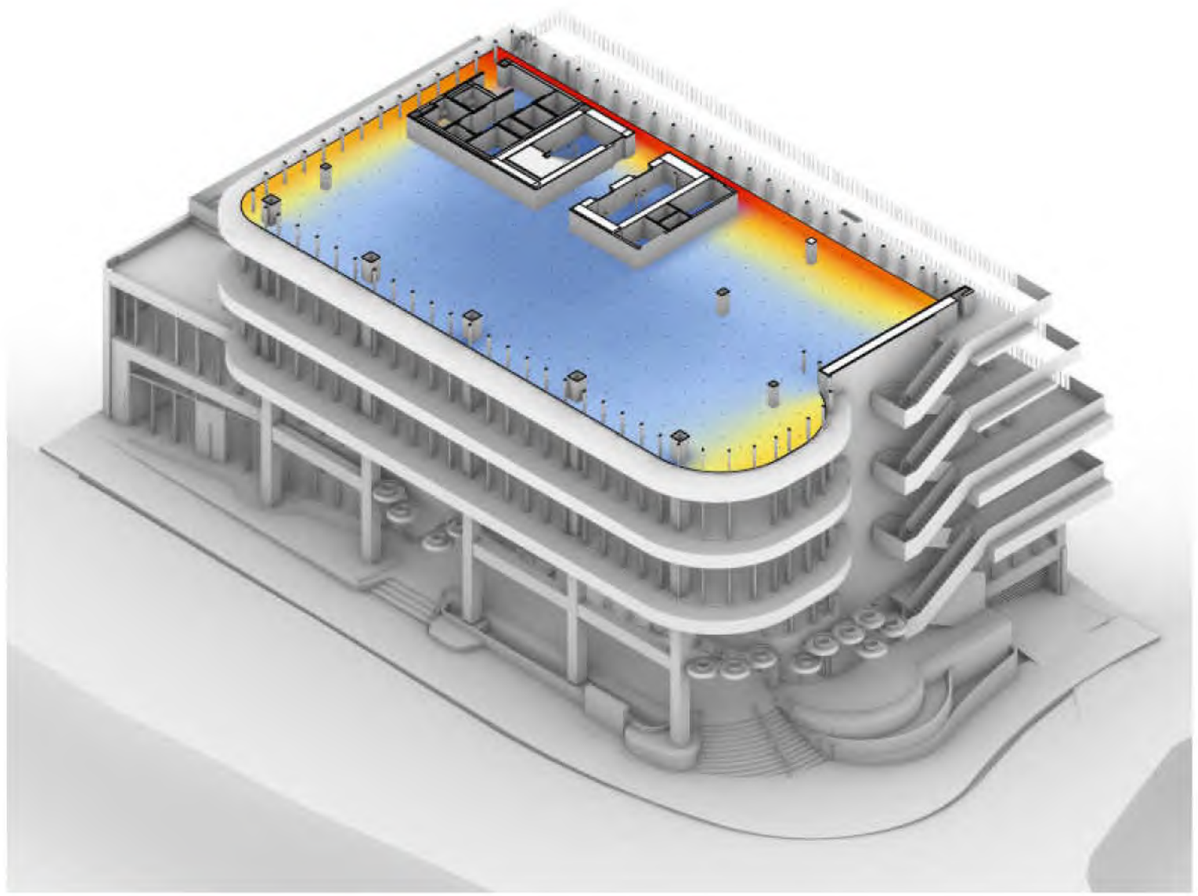
DIRECT SOLAR RADIATION REDUCTION = 53%

INDIRECT SOLAR RADIATION REDUCTION = 26%

OVERALL SOLAR RADIATION REDUCTION = **34%**

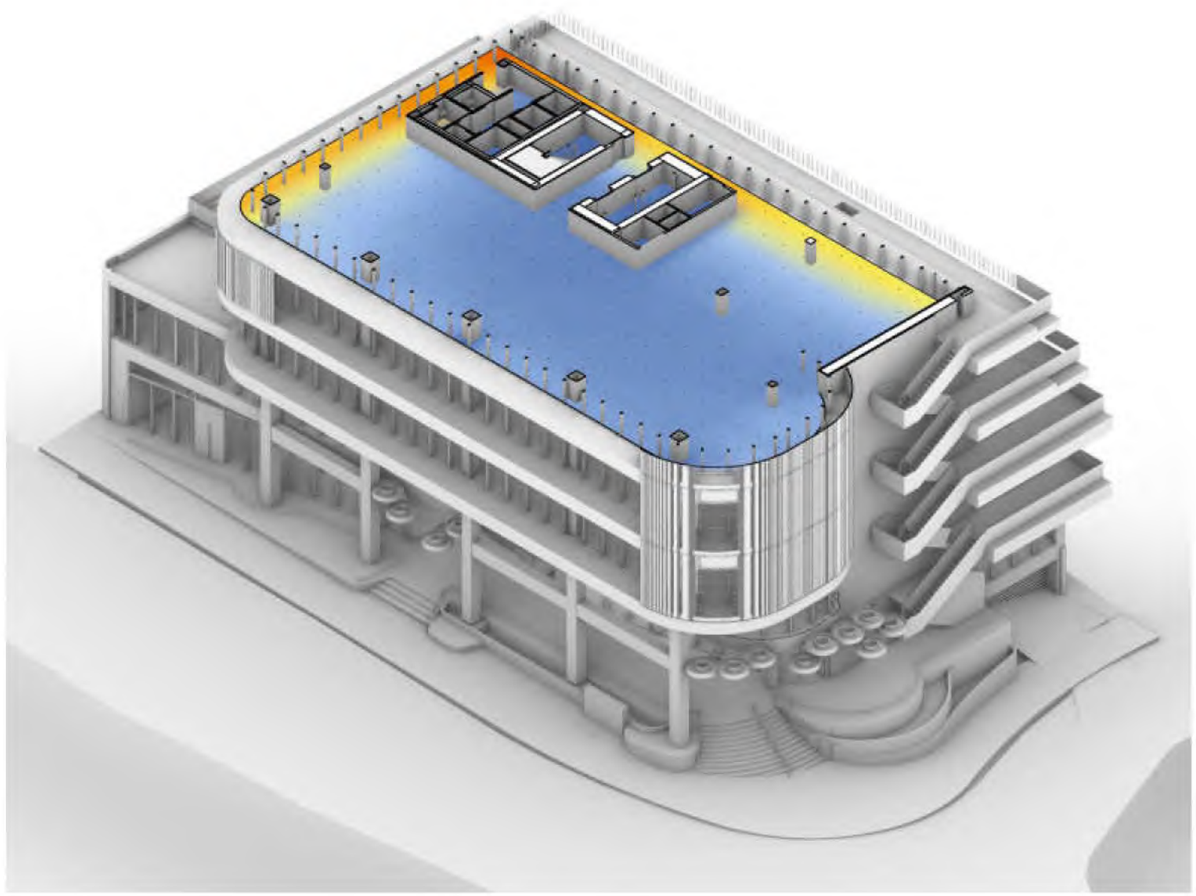
PASSIVE ENERGY ANALYSIS - SOLAR RADIATION MAP LEVEL 5

BEFORE LED BLADES AND OVERHANG



0 KWH/M² 1500 KWH/M²

AFTER LED BLADES AND OVERHANG



DIRECT SOLAR RADIATION REDUCTION = 42%

INDIRECT SOLAR RADIATION REDUCTION = 22%

OVERALL SOLAR RADIATION REDUCTION = **20%**

THIRD FLOOR INTERIOR - VIEW NORTH



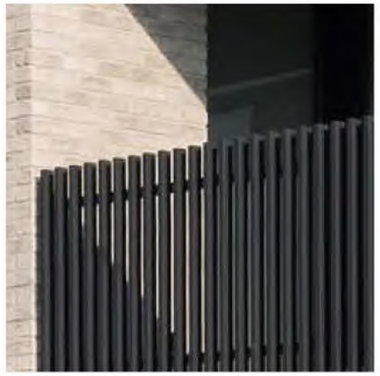
FIFTH FLOOR INTERIOR - VIEW SOUTH



MATERIALS PALETTE



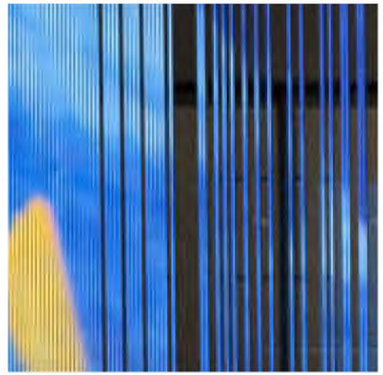
01. PRECAST CONCRETE PANELS



02. PAINTED STEEL PICKET GUARDRAILS



03. EXPOSED CONCRETE



04. LED MEDIA FACADE



05. LOW-E COATED GLAZING



06. DECORATIVE CONCRETE



07. PLASTER



08. ALUMINUM WINDOW WALL



09. CORRUGATED METAL PANEL



10. PAINTED STEEL PLATE GUARDRAILS



11. GREEN ROOF

SUNSET BOULEVARD - DIGITAL SIGNAGE CONTEXT MAP

SITE

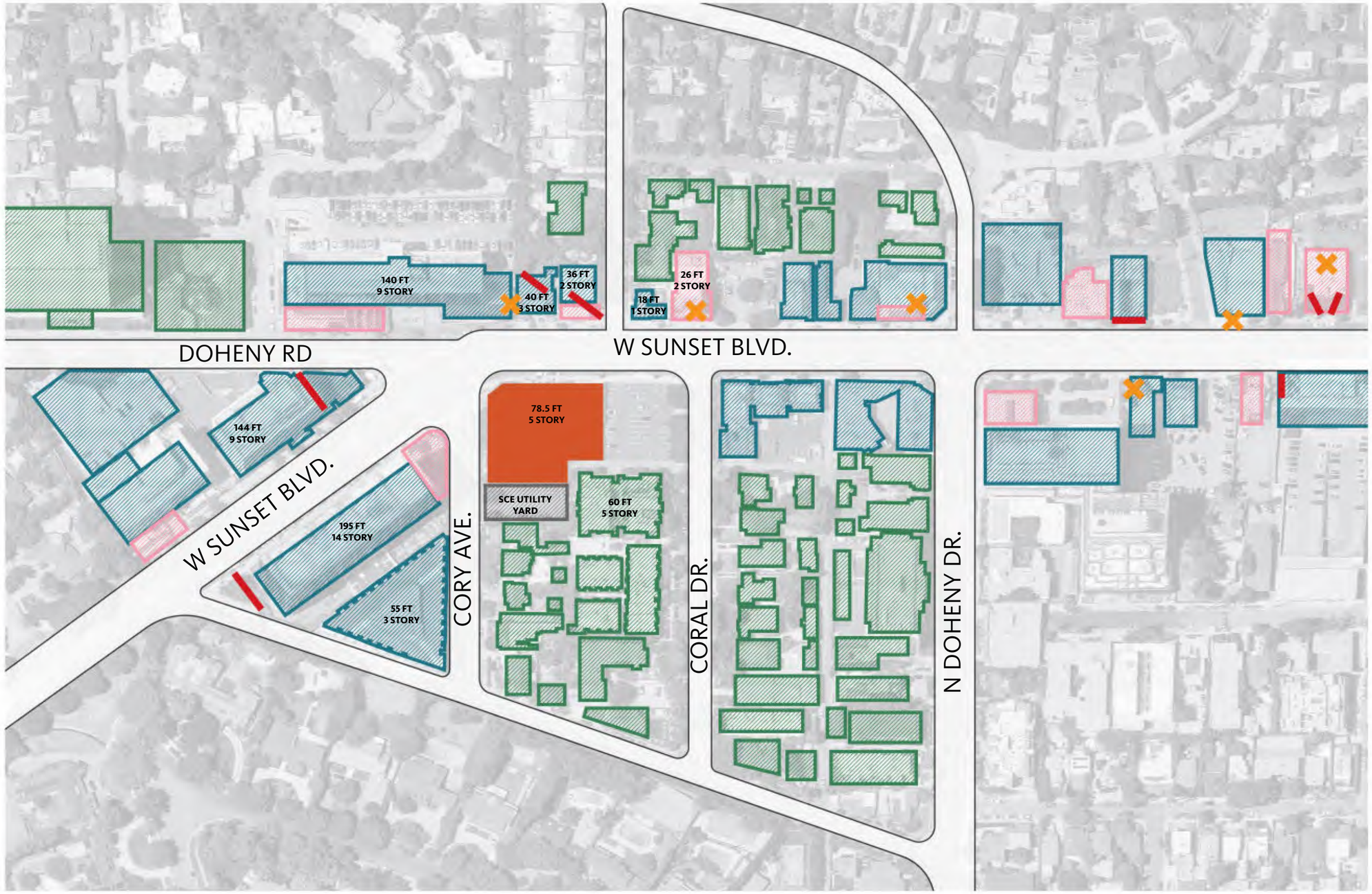
COMMERCIAL

RESTAURANT

RESIDENTIAL

DIGITAL ADVERTISING

STATIC ADVERTISING



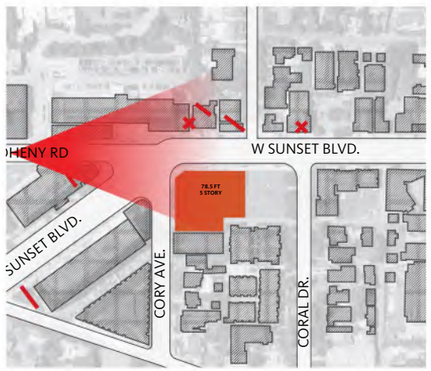
SITE LINE STUDIES - DOHENY ROAD LOOKING EAST

VIEW FROM DOHENY ROAD LOOKING EAST

DIGITAL ADVERTISING

STATIC ADVERTISING



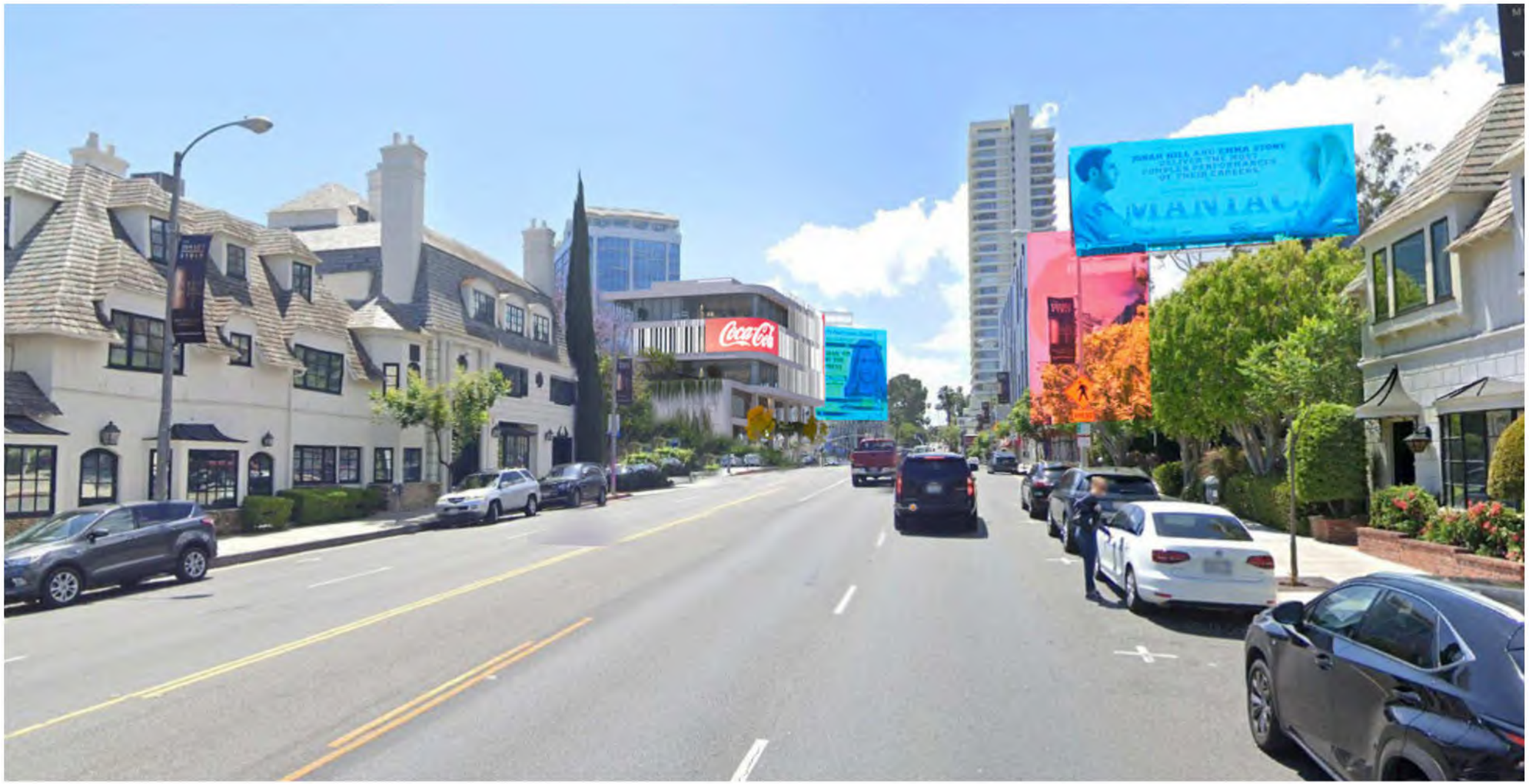


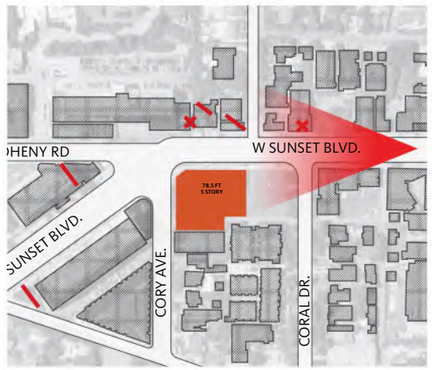
SITE LINE STUDIES - SUNSET BOULEVARD LOOKING WEST

VIEW FROM SUNSET BOULEVARD LOOKING WEST

DIGITAL ADVERTISING

STATIC ADVERTISING





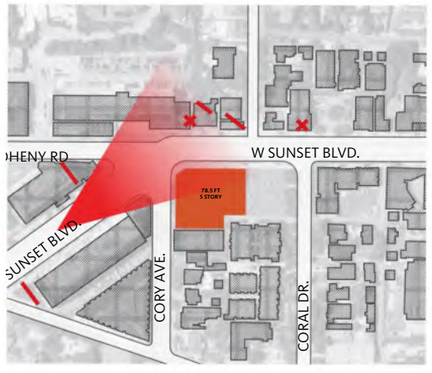
SITE LINE STUDIES - SUNSET BOULEVARD LOOKING NORTHEAST

VIEW FROM SUNSET BOULEVARD LOOKING NORTHEAST

DIGITAL ADVERTISING

STATIC ADVERTISING



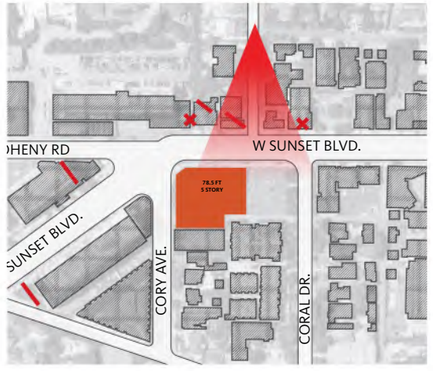


SITE LINE STUDIES - CORY AVENUE LOOKING SOUTH

VIEW FROM CORY AVENUE LOOKING SOUTH

DIGITAL ADVERTISING

STATIC ADVERTISING





SITE LINE STUDIES - CORY AVENUE LOOKING NORTH

VIEW FROM CORY AVENUE LOOKING NORTH

DIGITAL ADVERTISING

STATIC ADVERTISING





LANDSCAPE PLAN - GROUND FLOOR

STREETSCAPE (RETAINING WALL)



Australian Fuschia
Correa glabra “Coliban river”
Low water use
3'W x 4'H



White Australian Fuchsia
Correa 'Ivory Bells'
Low water use
4'W x4'H



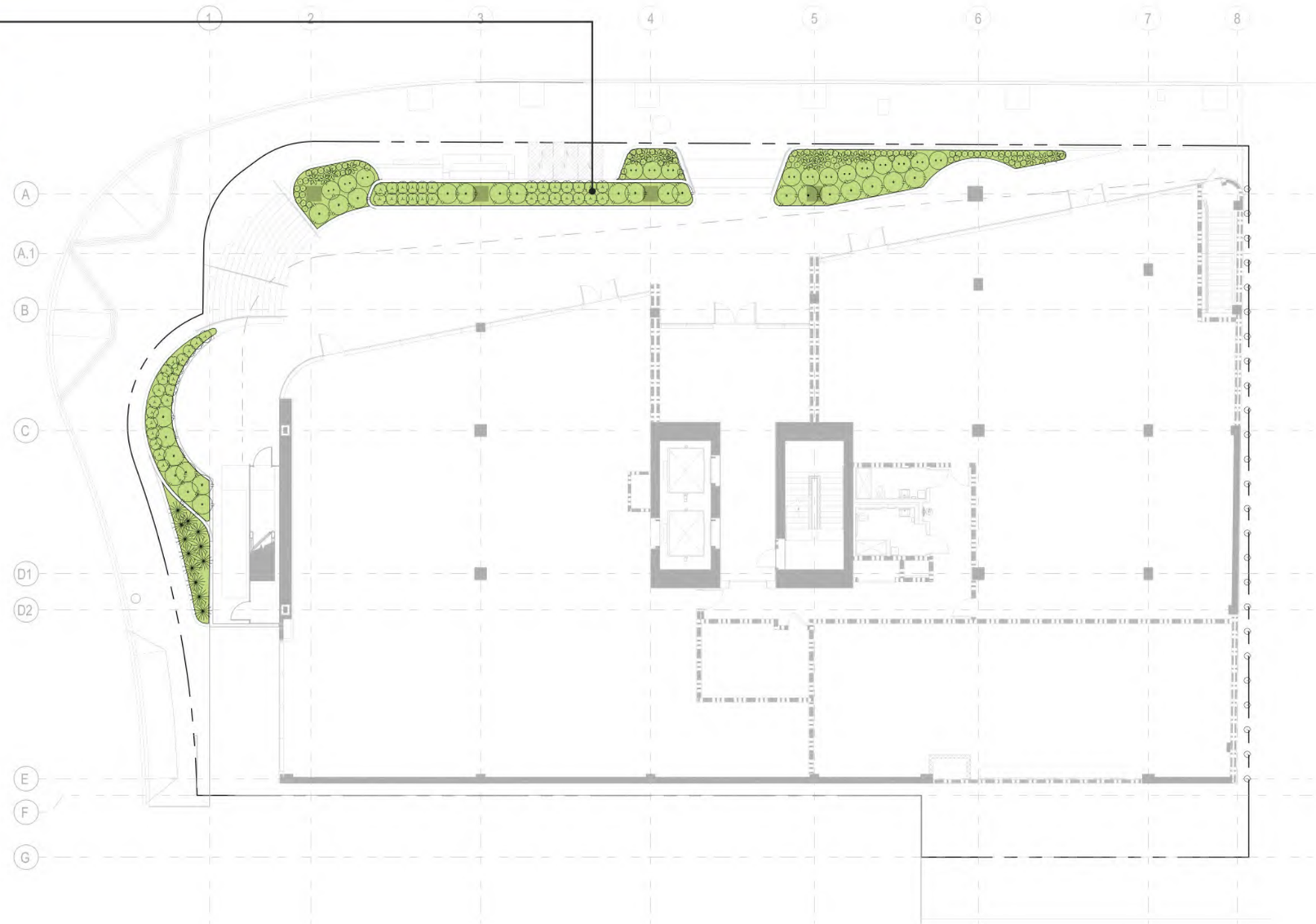
Low Horizon Westringia
Westringia fruiticosa
‘Low Horizon’
Low water use
2'W x 2'H



Mangave
X Mangave spp.
Low water use
2'W x 1'H

9176 Sunset takes a position that landscape is essential for properly situating a building in the urban fabric. Landscape is deployed on every face of the building with plant material selected to be appropriate to the climate of West Hollywood and the micro-climates specific to the building. Although the landscape is lush and green, the plant material consists of overwhelming drought-tolerant species.

At the ground level, tiered planters wrap the west and north property lines helping to soften the engagement with the pedestrian level. Wide openings in these planters at the northwest stair and the front entry welcome pedestrians to engage with the project along Sunset Boulevard.



SCALE: 1” = 20’-0”

LANDSCAPE PLAN - LEVEL 2

HANGING BASKETS



Snail Vine
Vigna caracalla
Medium water use
Vine



Lavender Lady Passion Vine
Passiflora 'Lavender Lady'
Medium water use
Vine



Sword Fern
Nephrolepis cordifolia
Medium water use
2'W x 2'H



Xanadu Phildodendron
Philodendron' Xanadu'
Medium water use
5'W x 3'H

LINEAR HANGING PLANTERS

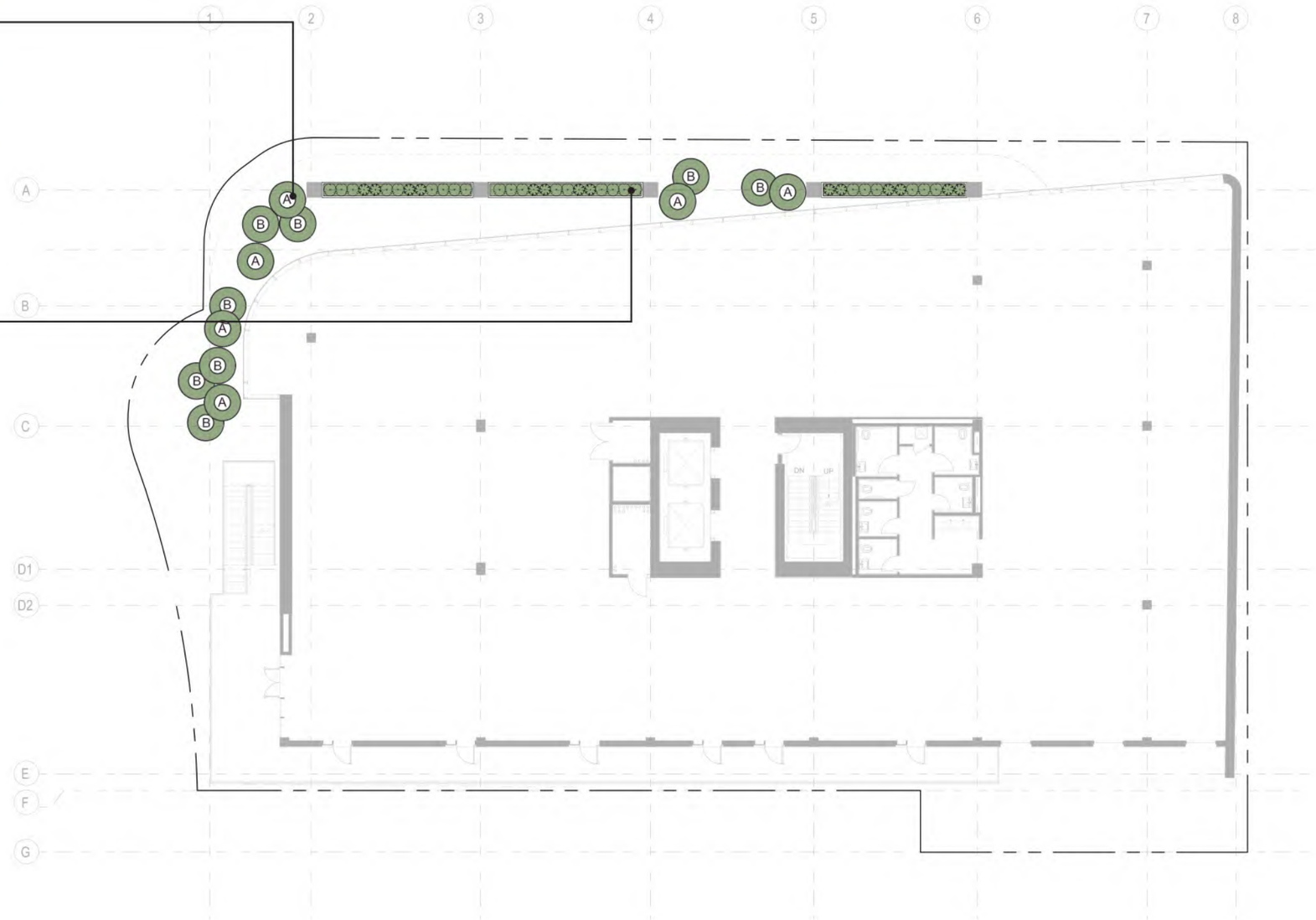


Star Jasmine
Tracheolospermum jasminoides
Medium water use
Vine



English Ivy
Hedera helix
Low water use
Vine

At the second floor a constellation of hanging planters float above the dining terrace filling the volume of the double height space. When lit up at night, these floating planters will intrigue passing pedestrains along Sunset to engage with the architecture and public facing program of the ground level.



SCALE: 1” = 20’-0”

LANDSCAPE PLAN - LEVEL 3

GREEN ROOF

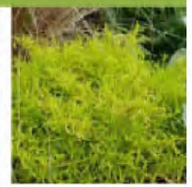


Spiral Aloe
Aloe polyphylla
Low water use
2'W x 1'H

Blue Chalksticks
Senecio serpens
Low water use
1'W x 2'H



Blue Fescue
Festuca glauca
Low water use
1'W x 1'H



Lavender Cotton
Santolina virens
Low water use
1'W x 1.5'H

EAST TERRACE



Brisbane Box
Tristania conferta
Medium water use
30'W x15'H



Arbutus'Marina'
Low water use
15'W x 20H



Agave 'Blue Glow'
Agave 'Blue Glow'
Low water use
2'W x 2'H



Stone Aloe
Aloe petricola
Low water use
2'W x 2'H



Australian fuschia
Correa glabra "Coliban river"
Low water use
3'W x4'H



Coastal Gem Grevillea
Grevillea langiera 'Coastal Gem'
Low water use
3W x 2'H



Trailing Rosemary
Rosmarinus Officinalis
'Huntington Carpet'
Low water use



Dwarf Olive
Olea europea 'Little Ollie'
Low water use
4'W x 4'H



True Myrtle
Myrtus communis
Low water use
8'W X 10'H

As one moves up the building they will see how landscape is used to reinforce views, provide comfort, and encourage outdoor gathering. This is most prominent on Level 3, where an Exterior Plaza uses raised planters to create a series of intimate spaces for large and small gatherings. Within these planters trees are situated to compliment the small and medium-scale seating areas.



SOUTH TERRACE PLANTERS



Silver Falls Dichondra
Dichondra argentea'Silver Falls'
Low water use
Prostrate



White Australian Fuchsia
Correa 'Ivory Bells'
Low water use
4'W x 4'H



Low Horizon Westringia
Westringia fruiticosa
'Low Horizon'
Low water use
2'W x 2'H



Yellow Conebush
Laucadendron x
'safari goldstrike'
Low water use
5'W x 5'H



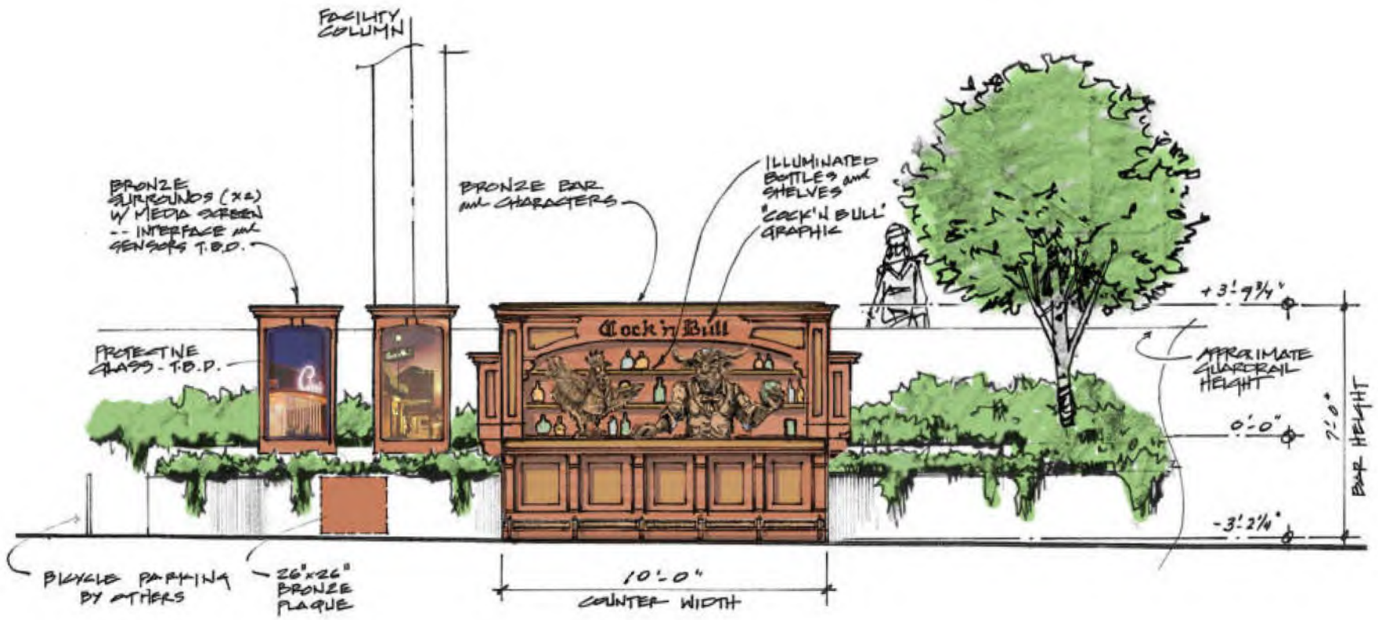
Agave 'Blue Flame'
Agave 'Blue Flame'
Low water use
2'W x 3'H

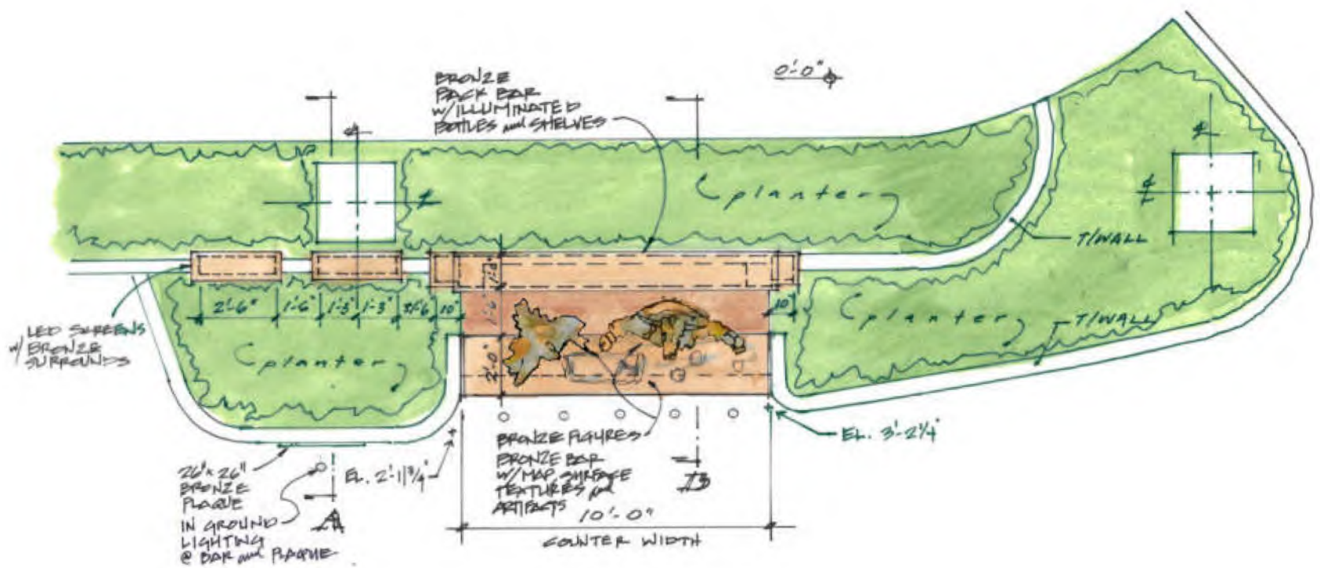


Trailing Rosemary
Rosmarinus Officinalis
'Huntington Carpet'
Low water use
4'W x 2'H

SCALE: 1" = 20'-0"

PUBLIC REALM ENHANCEMENT



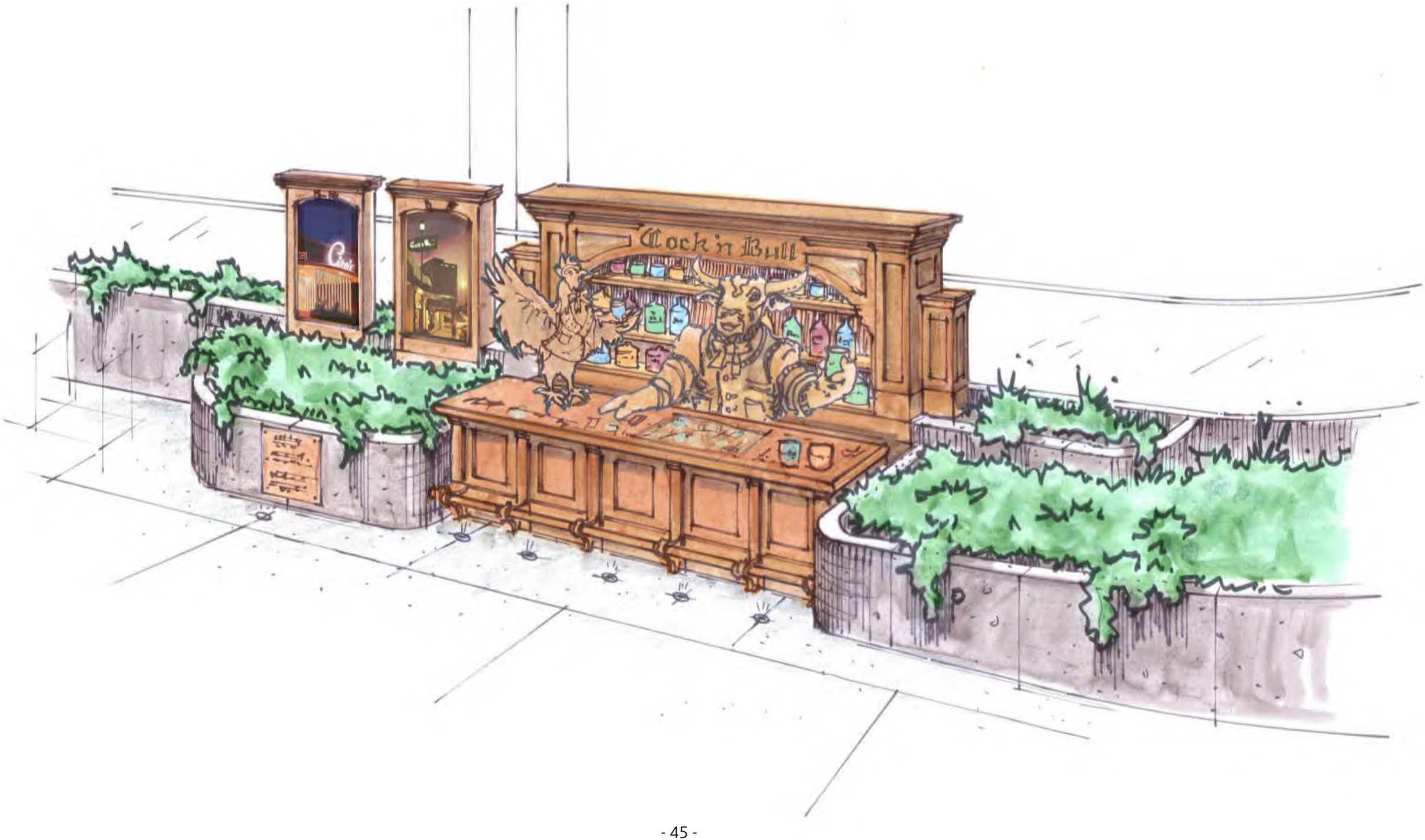


Commemorating the site of the former Cock 'n Bull Restaurant and Bar as well as many of the other clubs from the Vintage Hollywood Era, this public enhancement aims to physically and visually engage the public along Sunset Blvd to provide cultural information and educational moments that convey some of the history and spirit of the Club Life during this Classic Hollywood Era.

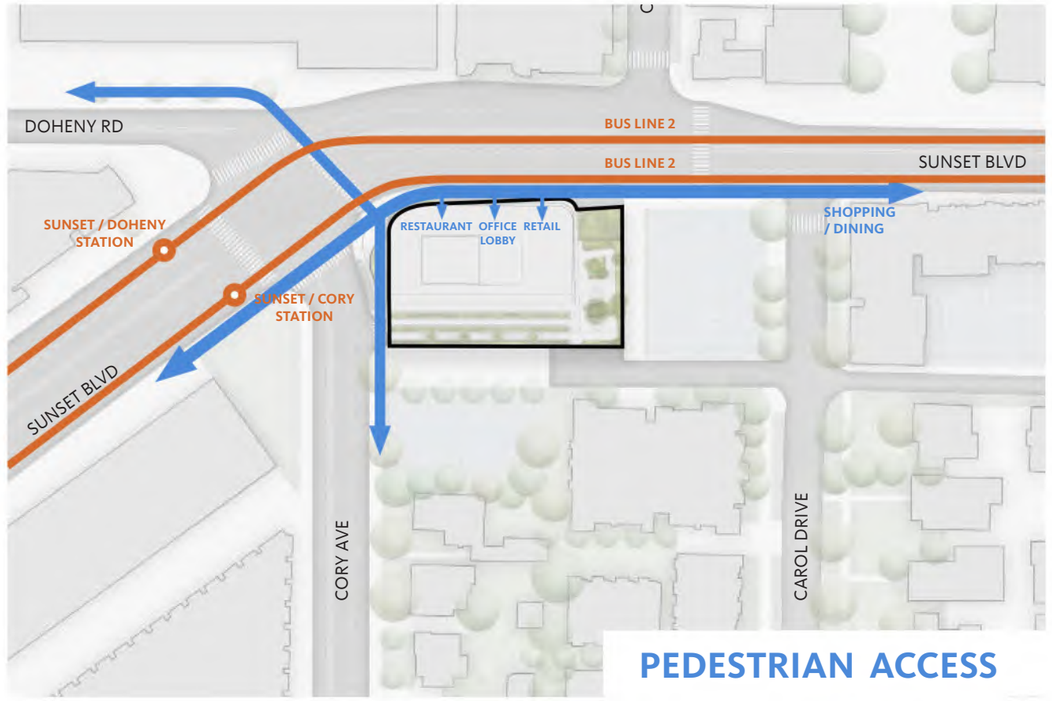
The enhancement creates a whimsical moment of celebration featuring a lively bull and rooster serving drinks like the famous Moscow Mule created at the Cock 'n Bull. The scene is set at a classic style bar with the characters in joyous harmony, a stein high in the air, toasting to the festivities

The basic bar is conceived as a durable structure to tolerate the public contact and weather. The design will connect the back bar with the Bull and front bar structure where the Cock will be standing. Internal lighting fixtures will illuminate the characters and the back bar as well as the front of the bar structure.

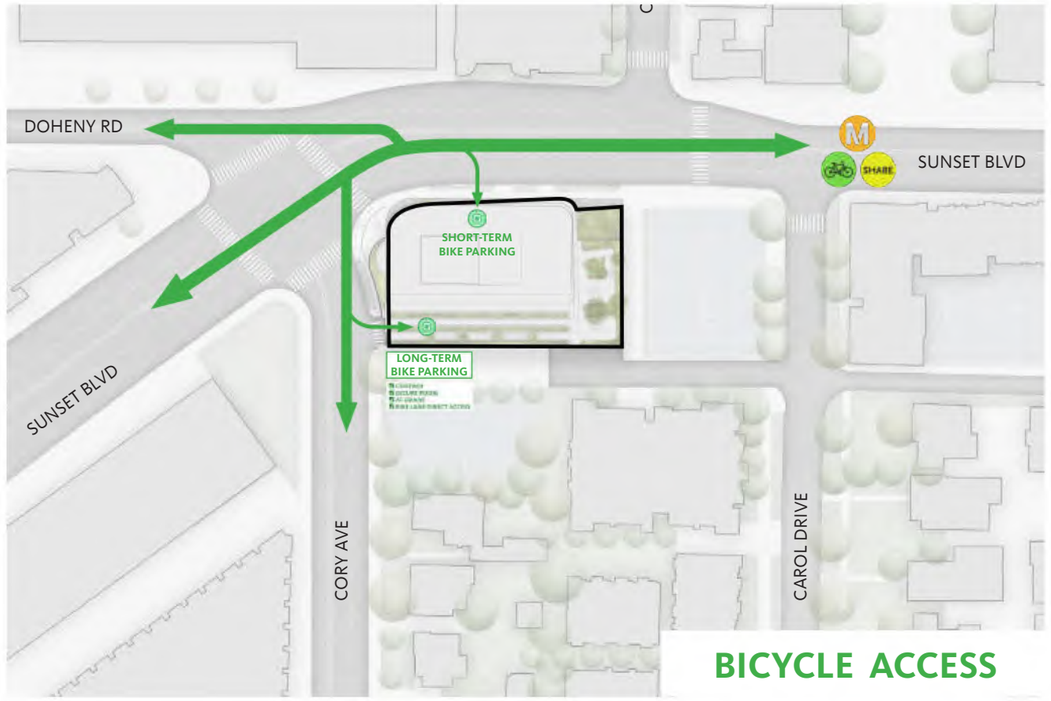
PUBLIC REALM ENHANCEMENT



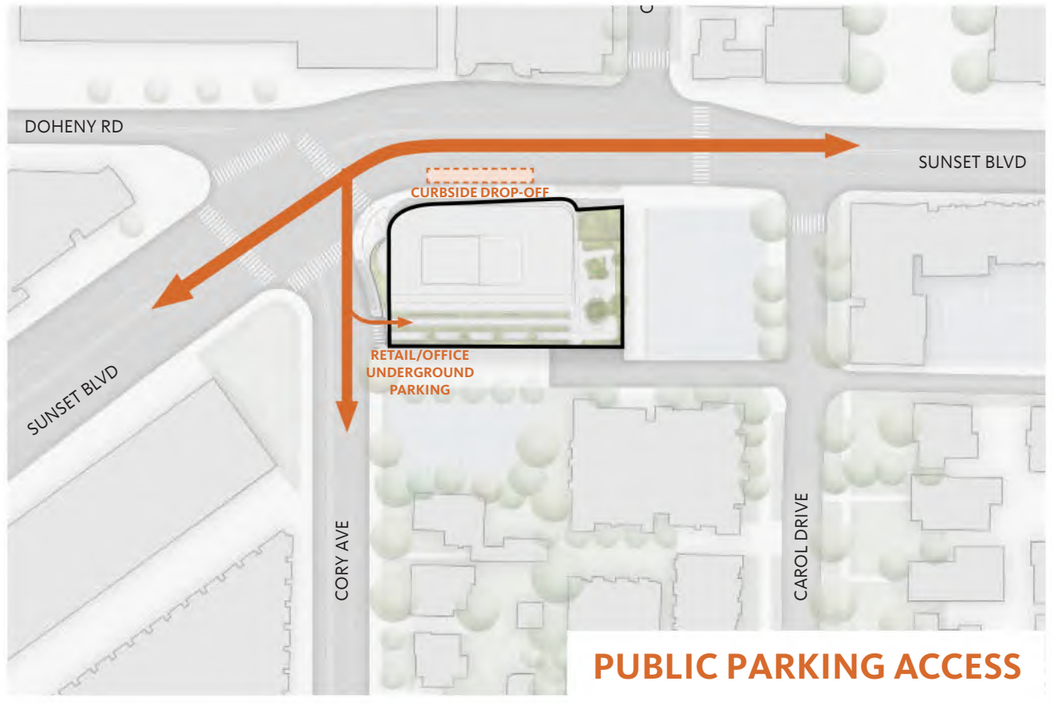
SITE ACCESS MAP



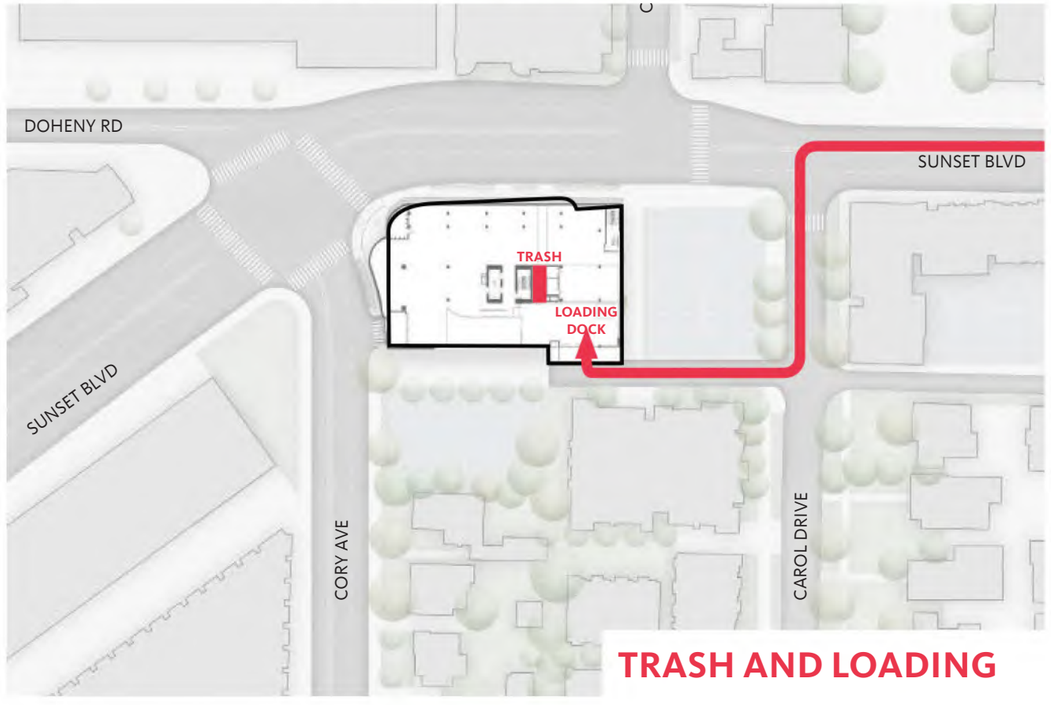
PEDESTRIAN ACCESS



BICYCLE ACCESS

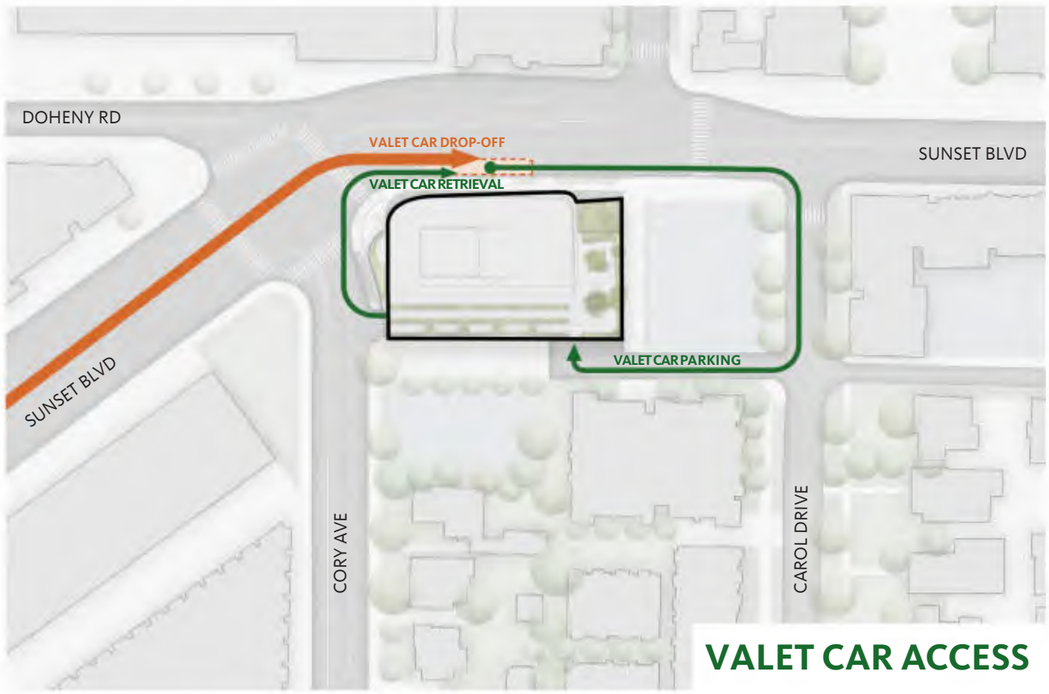


PUBLIC PARKING ACCESS



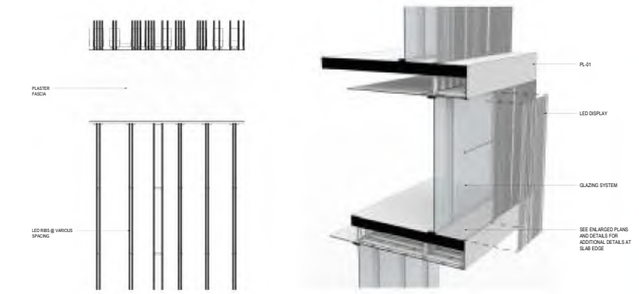
TRASH AND LOADING

SITE ACCESS MAP



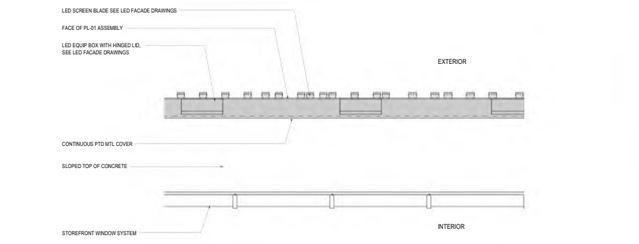
LED SIGNAGE - EQUIPMENT DETAILS

LED SIGNAGE: TECHNOLOGY SCHEMATICS

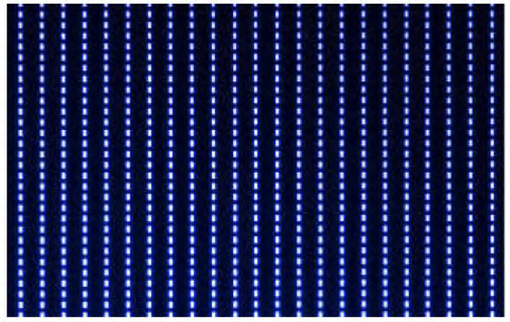


ELEVATION OF MEDIA VEIL

AXON OF MEDIA VEIL

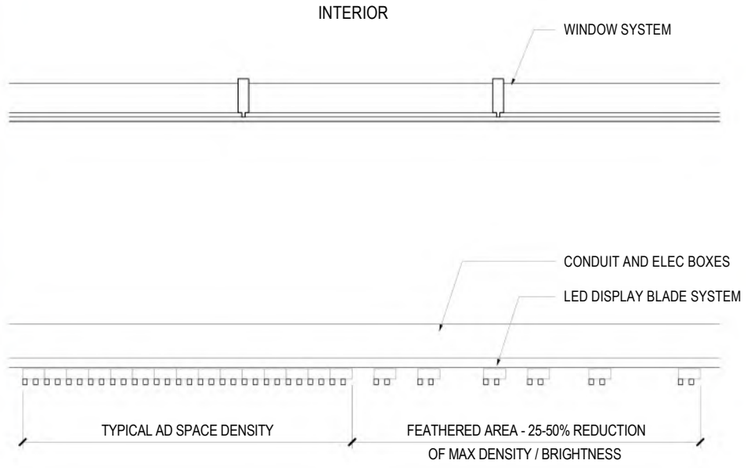


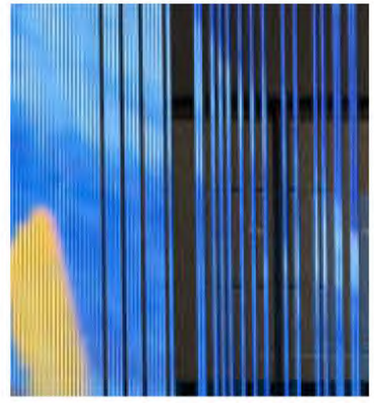
PLAN VIEW OF MEDIA VEIL





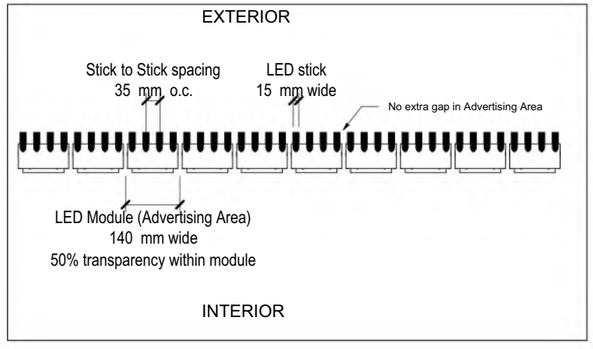
LED SIGNAGE: INTEGRATION AREA 'FEATHERING' DETAIL



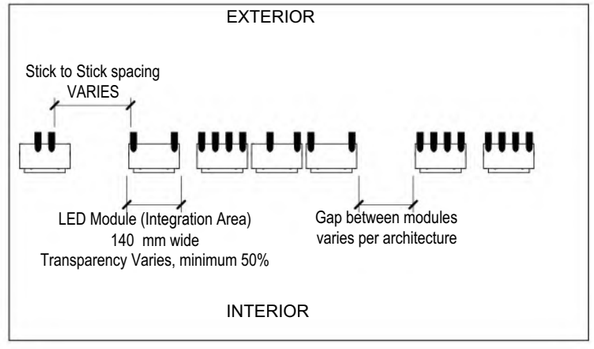


LED SIGNAGE AREA VS INTEGRATION AREA: DENSITY COMPARISON

ADVERTISING AREA CALCULATION PLAN

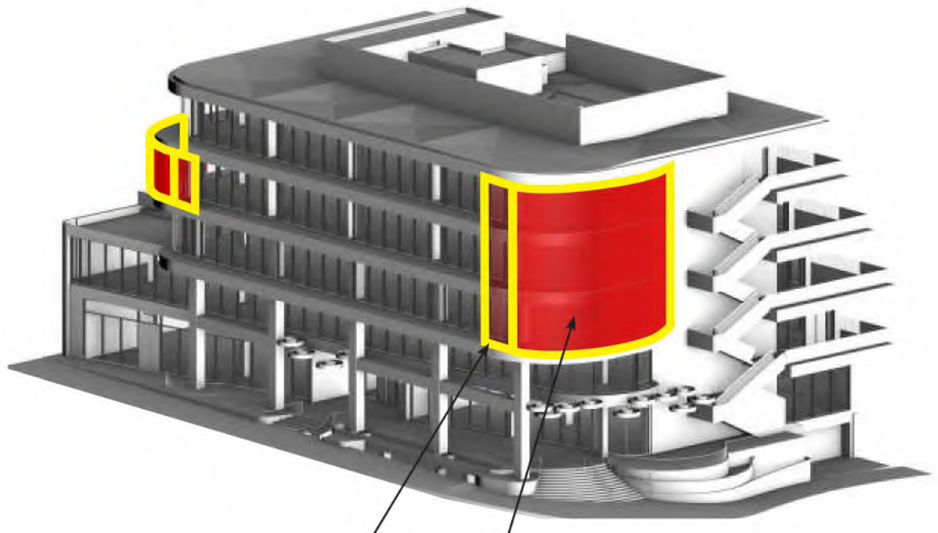


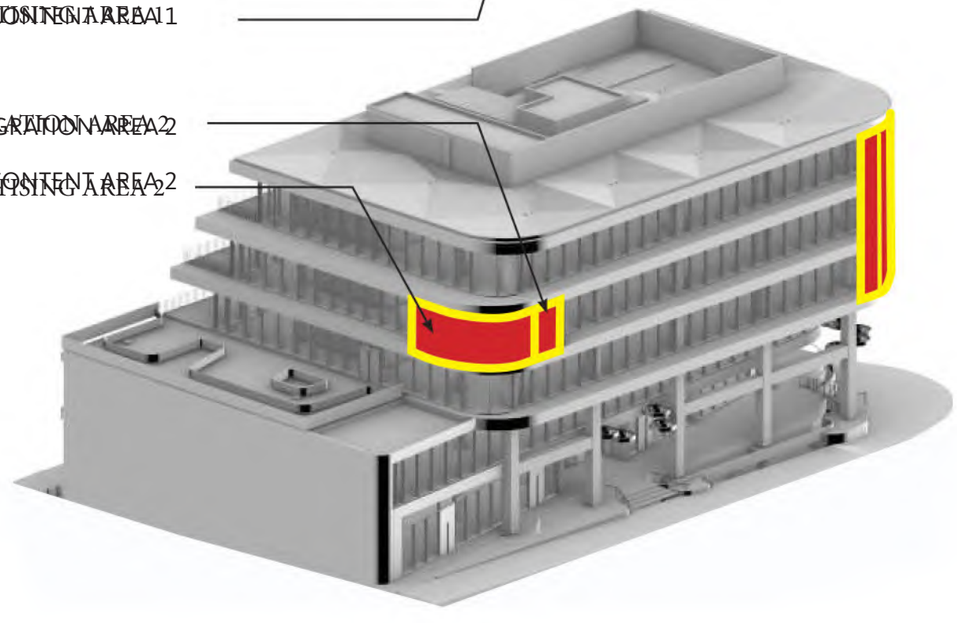
INTEGRATION AREA PLAN



DIGITAL SIGN AREA DIAGRAM

July 10, 2023





PRIMARY ADVERTISING AREA 2: 371 SF
TOTAL PRIMARY ADVERTISING AREA: 2,174 SF
INTEGRATION AREA 1: 504 SF
ADVERTISING AREA 2: 129 SF
TOTAL INTEGRATION AREA: 633 SF
TOTAL ADVERTISING AREA: 2,807 SF

Content Area 1	1803
Content Area 2	371
Total Content Area	**2174 SF**

Integration Area 1	504
Integration Area 2	129
Total Integration Area	**633 SF**





DIGITAL SIGN AREA DIAGRAM - ADVERTSING AREA





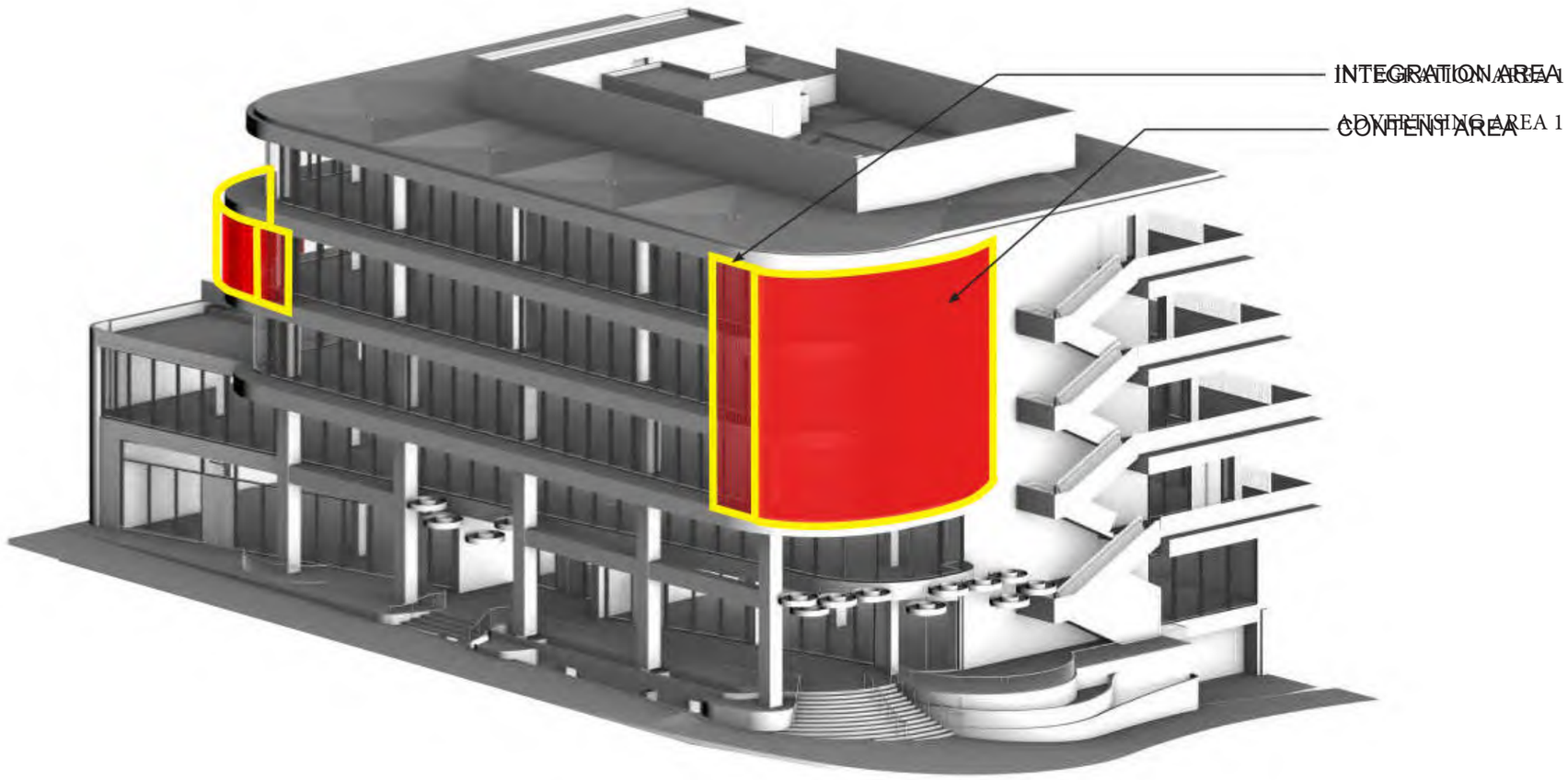




DIGITAL SIGN AREA DIAGRAM - NORTH WEST CORNER

DIMENSIONED SIGN AREA DIAGRAM - NORTH WEST CORNER

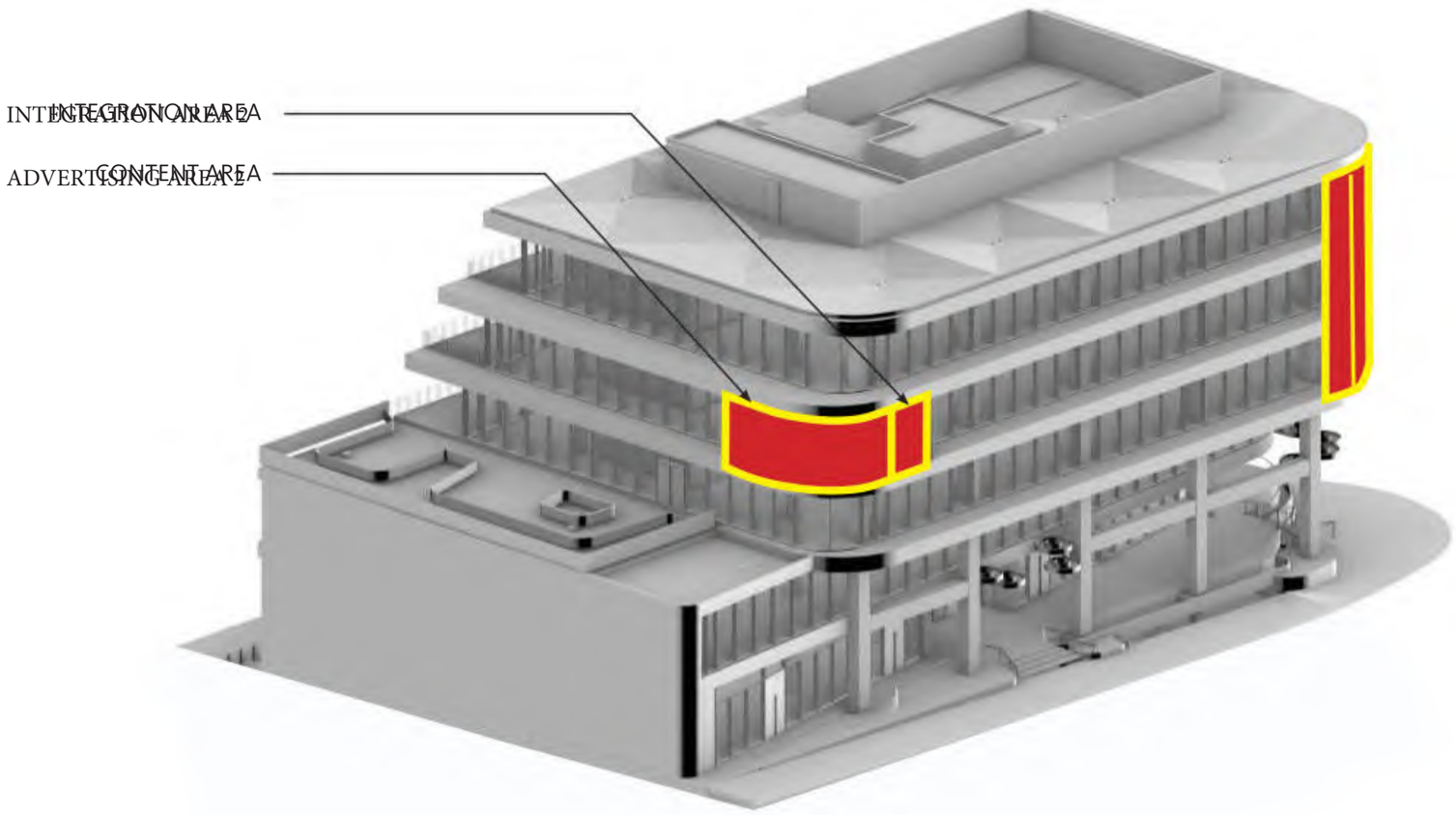
Level	Content Area	Integration Area	West Total
Roof	0	0	0
5th Floor	515	144	659
4th Floor	644	180	824
3rd Floor	644	180	824
Total	**1803 SF**	**504 SF**	**2307 SF**



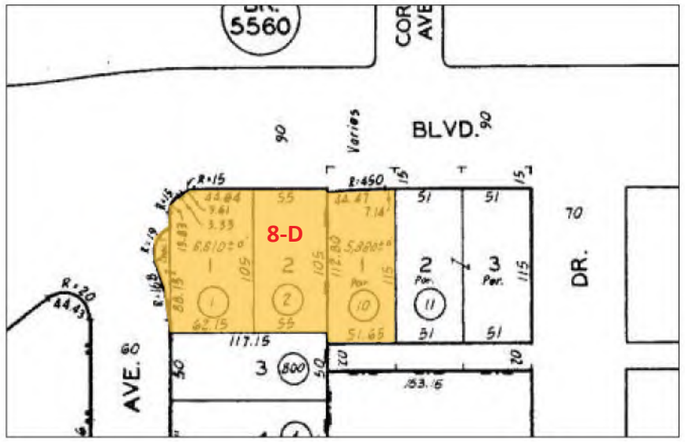
DIGITAL SIGN AREA DIAGRAM - NORTH EAST CORNER

DIMENSIONED SIGN AREA DIAGRAM - NORTH EAST CORNER

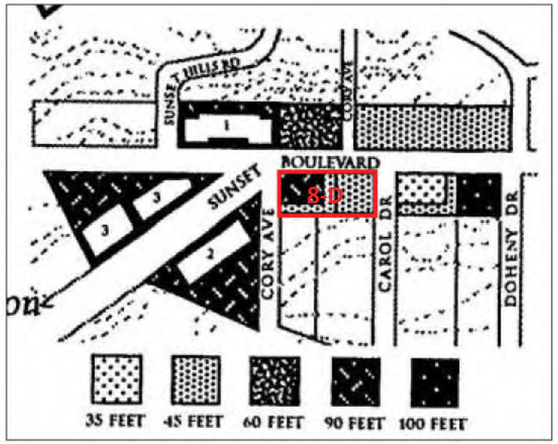
Level	Content Area	Integration Area	Total
Roof	0	0	0
5th Floor	0	0	0
4th Floor	371	129	500
3rd Floor	0	0	0
Total	**371 SF**	**129 SF**	**500 SF**



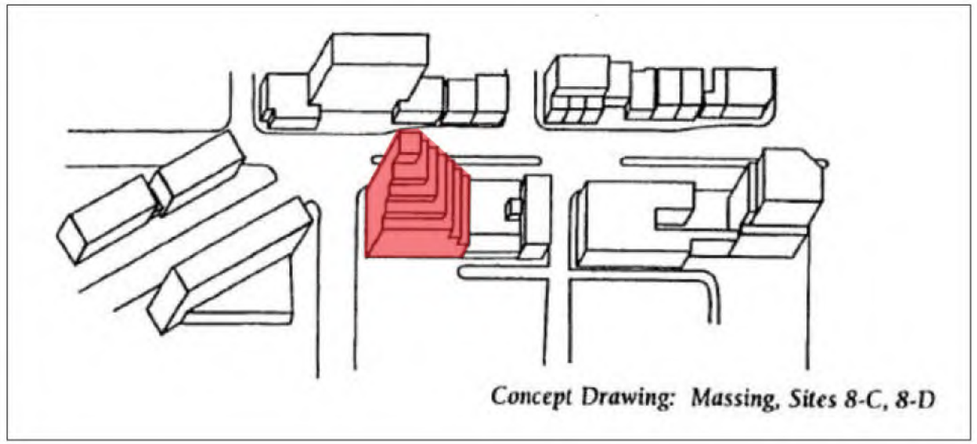
ZONING DETAILS- SUNSET SPECIFIC PLAN MINOR LANDMARK

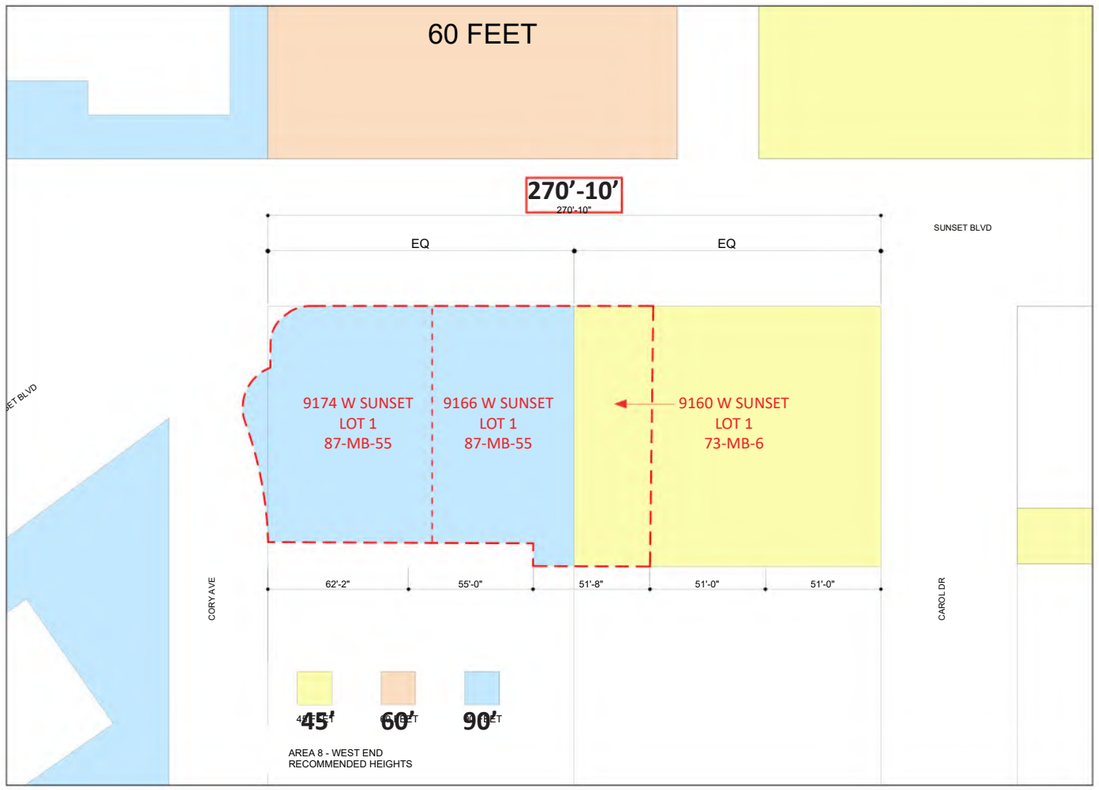


Parcel Map



Maximum height and setback diagrams from the Sunset Boulevard Specific Plan





Notes

1. Overall width established by Parcel Map above left. Note that the Parcel Map conforms with the site survey provided to our office by the owner.

2. As per the Sunset Blvd Specific Plan (SSP), we divided the length of 8D in half. This allows us to establish the extent of the 90'-0" height recommended in the SSP.

8-D

4. **Minor Landmark:** On the eastern half of 8-D, height up to 90 feet and 0.1 FAR of additional density for a total of 2.85 FAR is offered for purposes of developing a distinctive landmark pavilion, building entrance, monument, or similar streetscape at the eastern tip of the block. It should serve as a visual termination at the western end of Sunset Boulevard, and night lighting should dramatize the landmark design.

3. The remaining area within our property has a maximum height of 45'-0"

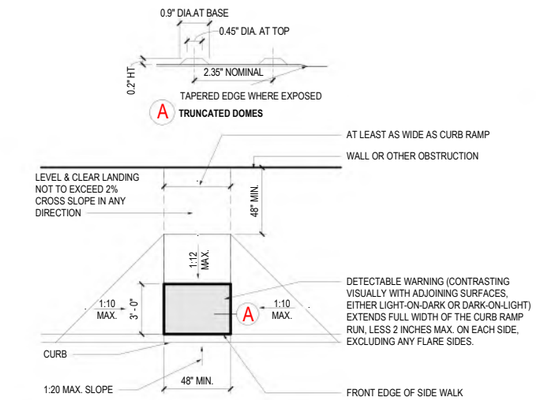
DRAWING APPENDIX

ACCESSIBLITY GENERAL NOTES (CBC CH. 11B)

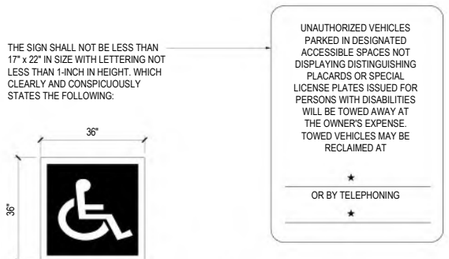
1. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT.
2. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL BEAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, LEVEL CUT/UNCUT PILE TEXTURE, PILE HEIGHT SHA BE 1//2 INCH MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTEND TO THE FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE.
3. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN ½ INCH DIAMETER.
4. CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN ¼ INCH HIGH MINIMUM AND ½ INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
5. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED.
6. ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. A WARNING CURB IS NOT REQUIRED BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY. A WARNING CURB IS NOT REQUIRED WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK.
7. FLOOR OR GROUND SURFACES OF A TURNING SPACE FOR WHEEL CHAIRS SHALL NOT HAVE CHANGES IN LEVEL. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. THE TURNING SPACE SHALL BE 60 INCHES IN DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.
8. CLEAR WHEELCHAIR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM. CHANGES IN LEVEL ARE NOT PERMITTED IN THIS SPACE. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. SPACE CAN BE POSITIONED IN A FORWARD OR PARALLEL APPROACH. WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH CBC 11B-306.
9. PROTRUDING OBJECTS: OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 ½ INCHES MAX.
10. POST MOUNTED OBJECTS: FREE-STANDING OBJECTS MOUNTED ON POLES OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IN MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES. THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY. EDGES ON OBJECTS MOUNTED LESS THAN 80 INCHES ABOVE THE FLOOR OR GROUND SURFACE, SHALL HAVE ROUNDED OR EASED EDGES AND THE CORNERS SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH.
11. VERTICAL CLEARANCE: VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
12. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.
13. REACH RANGES FOR OCCUPANTS IN WHEEL CHAIRS SHALL COMPLY WITH CBC 11B-308.
14. OPERABLE PARTS: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM.
15. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
16. CLEAR WIDTH REQUIREMENTS FOR WALKING SURFACES SHALL COMPLY WITH CBC 11B-403.5.
17. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE A RESTING AREA, 60 INCHES IN LENGTH, AT INTERVALS OF 400 FEET MXIMUM. THE RESTING AREA SHALL BE A LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48.
18. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS FOR DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WITH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL N OT EXCEED 4 INCHES.
19. MANUEVERING CLEARANCES AT DOORS SHALL COMPLY WITH CBC TABLE 11B-404.2.4.1. CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THESE CLEARANCES. SLOPES NOT STEEPER THATN 1:48 SHALL BE PERMITTED. THRESHOLDS ARE PERMITTED THAT COMPLY WITH CBC 11B-404.2.5.
20. THRESHOLDS, IF PROVIDED AT DOOR WAYS, SHALL BE ½ INCH HIGH MAXIMUM. CHANGES IN LEVELS AT DOORWAYS SHALL COMPLY WITH CBC SECTIONS 11B-302 AND 11B-303.
21. DOOR AND GATE HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH CBC SECTION 11B-309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
22. DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM A OPEN POSITION O 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IN 5 SECONDS MINIMUM. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.
23. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE 5 POUNDS MAXIMUM FOR INTERIOR HINGED DOORS AND GATES, 5 POUNDS MAXIMUM FOR SLIDING OR FOLDING DOORS, AND 5 POUNDS MAXIMUM FOR EXTERIOR HINGED DOORS. FOR REQUIRED FIRE DOORS, THE MINIMUM OPENING FORCE ALLOWABLE THE APPROPRIATE ADMINISTRATIVE AUTHORITY, SHALL NOT EXCEED 15 POUNDS.
24. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES.
25. TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MINIMUM FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM SMOOTH SURFACE REQUIREMENT.
26. VISION LIGHTS IN DOORS, GATES, AND SIDE LIGHTS ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE GLAZED PANEL LOCATED 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR. GLAZING PANELS WITH THE LOWEST PART MORE THAN 66 INCHES FROM THE FINISH FLOOR OR GROUND SHALL NOT BE REQUIRED TO COMPLY WITH THIS REQUIREMENT.
27. RAMPS RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. CROSS SLOPE ON RAMP RUNS SHALL NOT BE STEEPER THAN 1:48. THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48" MINIMUM. HANDRAILS MAY PROJECT INTO THE REQUIRED WIDTH OF THE RAMP AT EACH SIDE 3 ½ INCHES MAXIMUM AT THE HANDRAIL HEIGHT. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. RAMPS SHALL HAVE HANDRAILS COMPLYING WITH CBC SECTION 11B-505. EDGE PROTECTION COMPLYING WITH CBC SECTION 11B-405.9.2 SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDING.
28. STAIRS: ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. OPEN RISERS ARE NOT PERMITTED. TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48. INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE PROVIDING CLEAR CONTRAST. THE STRIPE SHALL BE A MINIMUM OF 2 INCHES TO A MAXIMUM OF 4 INCHES WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM, THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS A LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIP SHALL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT.
29. HANDRAILS SHALL COMPLY WITH CBC SECTION11B-505. TOP OF GRIPPING SURFACES FOR HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. THE CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 1 ½" MINIMUM.
30. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 AND CBC CHAPTER 9, SECTIONS 907.5.2.1 AND 907.5.2.3.
31. DETECTABLE WARNINGS SHALL COMPLY WITH CBC SECTION 11B-705.1.1 AND SHALL BE USED IN THE FOLLOWING LOCATIONS AS NOTED IN CBC SECTION 11B-705.1.2: PLATFORM EDGES; CURB RAMPS; ISLANDS OR CUT-THROUGH MEDIANS; BUS STOPS; HAZARDOUS VEHICULAR AREAS; REFLECTING POOLS; & TRACK CROSSINGS.
32. THE HEIGHT OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
33. SALES AND SERVICE COUNTERS: FOR PARALLEL APPROACH, A PORTION OF THE COUNTER THAT IS 36 INCHES LONG MINIMUM AND 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. FOR FORWARD APPROACH, A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 34 INCHES HIGH MAXIMUM SHALL BE PROVIDED. KNEE AND TOE SPACE COMPLYING WITH CBC SECTION 11B-306 SHALL BE PROVIDED UNDER THE COUNTER. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH CBC SECTION 11B-305 SHALL BE POSITIONED FOR A FORWARD APPROACH

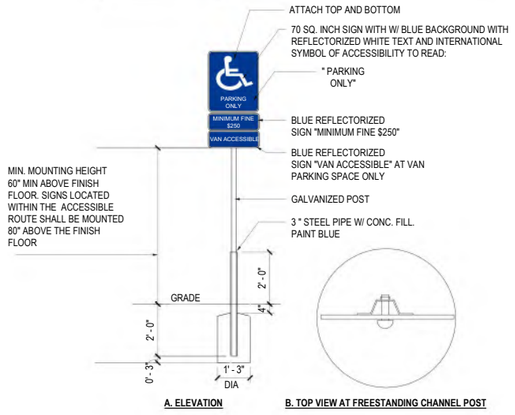
ACCESSIBLITY GENERAL NOTES FOR SIGNAGE (CBC CH. 11B)

1. **GENERAL.** SIGNS SHALL COMPLY WITH SECTION 11B-703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
2. **RAISED CHARACTERS.** RAISED CHARACTERS SHALL COMPLY WITH SECTION 11B-703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH SECTION 11B-703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 11B-703.4. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND. CHARACTERS SHALL BE UPPERCASE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (15.9 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSESTPOINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH (1.6 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 MM) MINIMUM. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT. TEXT SHALL BE IN A HORIZONTAL FORMAT.T
3. **BRAILLE.** BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTIONS 11B-703.3 AND 11B-703.4. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH (9.5 MM) MINIMUM AND 1/2 INCH (12.7 MM) MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH (9.5 MM) MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS. (EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16 INCH (4.8 MM) MINIMUM AND SHALL BE LOCATED DIRECTLY BELOW THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.)
4. **INSTALLATION HEIGHT AND LOCATION.** SIGNS WITH TACTILE CHARACTERS SHALL COMPLY WITH SECTION 11B703.4. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1219 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES (1524 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. (EXCEPTION: TACTILE CHARACTERS FOR ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-703.4.1.) WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (457 MM) MINIMUM BY 18 INCHES (457 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PERMANENT IDENTIFICATION SIGNAGE IS PROVIDED FOR ROOMS AND SPACES THEY SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE ENTERS THE ROOM OR SPACE. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE.
5. **VISUAL CHARACTERS.** VISUAL CHARACTERS SHALL COMPLY WITH SECTION 11B-703.5. (EXCEPTION: WHERE VISUAL CHARACTERS COMPLY WITH SECTION 11B-703.2 AND ARE ACCOMPANIED BY BRAILLE COMPLYING WITH SECTION 11B-703.3, THEY SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS 11B-703.5.2 THROUGH 11B-703.5.6, 11B-703.5.8 AND 11B-703.5.9) CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TABLE 11B-703.5.5.
6. **PICTOGRAMS.** PICTOGRAMS SHALL COMPLY WITH SECTION 11B-703.6. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES (152 MM) MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH SECTIONS 11B-703.2, 11B-703.3 AND 11B-703.4
7. **SYMBOLS OF ACCESSIBILITY.** SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH SECTION 11B-703.7. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.7.2.1. THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE COLOR NO. 15090 IN FEDERAL STANDARD 595B. THE INTERNATIONAL SYMBOL OF TTY SHALL COMPLY WITH FIGURE 11B-703.7.2.2. TELEPHONES WITH A VOLUME CONTROL SHALL BE IDENTIFIED BY A PICTOGRAM OF A TELEPHONE HANDSET WITH RADIATING SOUND WAVES ON A SQUARE FIELD SUCH AS SHOWN IN FIGURE 11B-703.7.2.3. ASSISTIVE LISTENING SYSTEMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS COMPLYING WITH FIGURE 11B-703.7.2.4. DOORWAYS LEADING TO TOILET ROOMS AND BATHING ROOMS SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL COMPLYING WITH SECTION 11B-703.7.2.6. THE SYMBOL SHALL BE MOUNTED AT 58 INCHES (1473 MM) MINIMUM AND 60 INCHES (1524 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED FROM THE CENTERLINE OF THE SYMBOL. WHERE A DOOR IS PROVIDED THE SYMBOL SHALL BE MOUNTED WITHIN 1 INCH (25 MM) OF THE VERTICAL CENTERLINE OF THE DOOR.



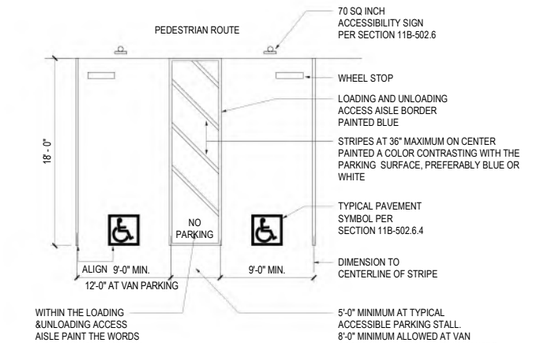
3 ACCESSIBLE CURB RAMP
1 : 50



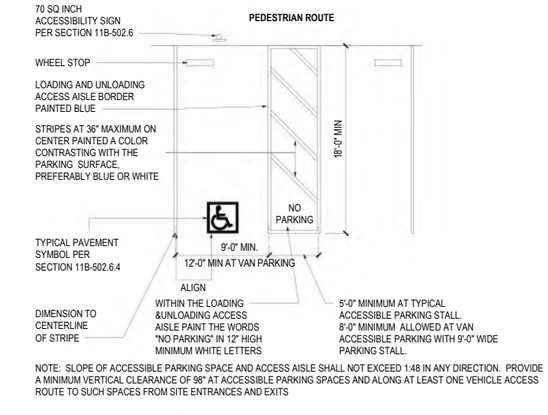


A. ELEVATION
B. TOP VIEW AT FREESTANDING CHANNEL POST

4 ACCESSIBLE PARKING SIGNAGE
3/8" = 1'-0"



2 ACCESSIBLE PARKING STALL - DOUBLE
1 : 80



1 ACCESSIBLE PARKING STALL - SINGLE
1 : 80

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Gensler
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United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
02/18/2022	50% DESIGN DEVELOPMENT
04/15/2022	DESIGN DEVELOPMENT ISSUANCE
12/23/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

Project Number
05.2543.000

Description
ACCESSIBILITY REQUIREMENTS & DETAILS

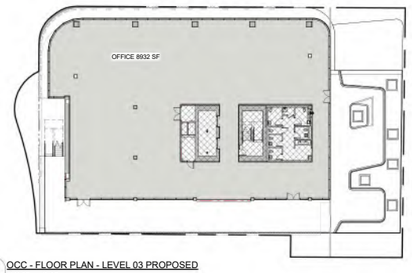
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As indicated

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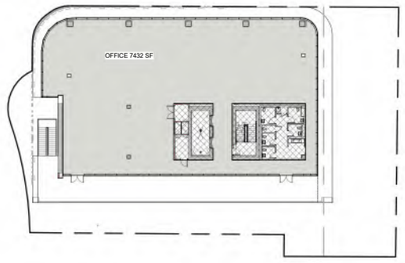
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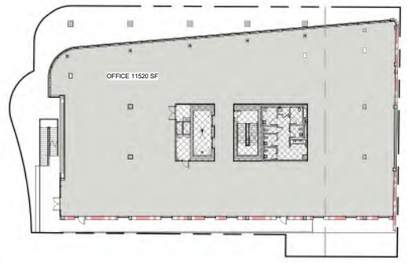
6 OCC - FLOOR PLAN - ROOF PROPOSED
1/32" = 1'-0"



3 OCC - FLOOR PLAN - LEVEL 03 PROPOSED
1/32" = 1'-0"



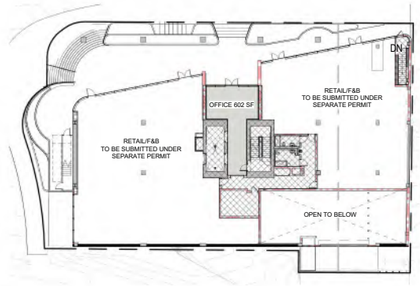
5 OCC - FLOOR PLAN - LEVEL 05 PROPOSED
1/32" = 1'-0"



2 OCC - FLOOR PLAN - LEVEL 02 PROPOSED
1/32" = 1'-0"



4 OCC - FLOOR PLAN - LEVEL 04 PROPOSED
1/32" = 1'-0"



1 OCC - FLOOR PLAN - LEVEL 01 PROPOSED
1/32" = 1'-0"

PLUMBING FIXTURE CALCULATION

	TYPE OF OCCUPANCY	AREA	OCCUPANT LOAD	OCCUPANCY			WC (TOILETS)		URINALS	LAV (SINKS)		DRINKING FOUNTAINS	SERVICE SINK	NOTE:
					M	F	M	F	M	M	F			
LEVEL 1 - REQUIRED	OFFICE SPACE - B OCCUPANCY	602	200	3.01	2.00	2.00	1	1	1	1	1			Retail/F&B will be under separate permit
LEVEL 1 - PROVIDED							2 SINGLE-USE RESTROOMS WITH SHOWERS							
LEVEL 2 - REQUIRED	OFFICE SPACE - B OCCUPANCY	11520	200	57.60	29.00	29.00	1	2	1	1	1			Assumes Simultaneous Occupancy of terrace
LEVEL 2 - PROVIDED							6 TOILETS			6 SINKS				PROPOSED DESIGN IS FOR SHARED, GENDER INCLUSIVE RESTROOMS
LEVEL 3 - REQUIRED	OFFICE SPACE - B OCCUPANCY	8932	200	44.66	23.00	23.00	1	2	1	1	1			Assumes Simultaneous Occupancy of terrace
LEVEL 3 - PROVIDED							6 TOILETS			6 SINKS				PROPOSED DESIGN IS FOR SHARED, GENDER INCLUSIVE RESTROOMS
LEVEL 4 - REQUIRED	OFFICE SPACE - B OCCUPANCY	8327	200	41.64	21.00	21.00	1	2	1	1	1			Assumes Simultaneous Occupancy of terrace
LEVEL 4 - PROVIDED							6 TOILETS			6 SINKS				PROPOSED DESIGN IS FOR SHARED, GENDER INCLUSIVE RESTROOMS
LEVEL 5 - REQUIRED	OFFICE SPACE - B OCCUPANCY	7432	200	37.16	19.00	19.00	1	2	1	1	1			Assumes Simultaneous Occupancy of terrace
LEVEL 5 - PROVIDED							6 TOILETS			6 SINKS				PROPOSED DESIGN IS FOR SHARED, GENDER INCLUSIVE RESTROOMS
				185.00								2	1	2 Drinking Fountains provided (on L01 and L03); 4 service sinks provided (on L02 thru L05)

SHEET NOTES

GENERAL NOTES

ACCESSORY AREAS (NON-SIMULTANEOUS PER TABLE A 2019 CPC)

AREA FOR CALCULATION

JBC
The John Buck Company
9176 Sunset Blvd
West Hollywood, CA 90069

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
04/15/2022	DESIGN DEVELOPMENT ISSUANCE
12/23/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

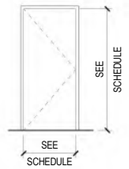
Project Number
05.2543.000

Description
OCCUPANCY DIAGRAMS FOR PLUMBING CALCULATION

Scale
As indicated

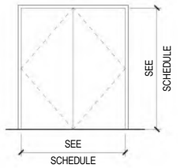
G0.402

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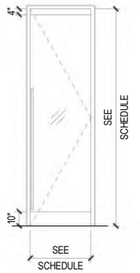
DOOR TYPE A

SINGLE DOOR



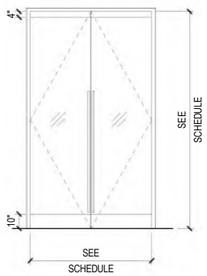
DOOR TYPE B

DOUBLE DOOR



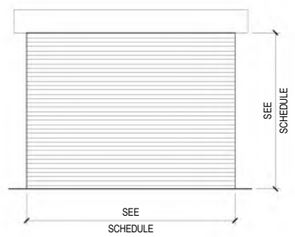
DOOR TYPE C

SINGLE DOOR, GLASS LITE



DOOR TYPE D

DOUBLE DOOR, GLASS LITES



DOOR TYPE E

OVERHEAD ROLLING DOOR

1 DOOR TYPES
1/4" = 1'-0"

DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	SILL DETAIL	JAMB DETAIL	HARDWARE GROUP	FIRE RATING	COMMENTS
B300.1	STORMWATER FILTRATION ROOM	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	26		
B302.1	STAIR 3	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B303.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B304.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	22	45	
B305.1	CORRIDOR	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	07	90	
B306.1	CORRIDOR	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	07	90	
B307.1	CORRIDOR	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	15	90	
B307.2	CORRIDOR	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	07	90	
B308.1	CORRIDOR	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04A	90	
B200.1	STORAGE	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	22		
B202.1	STAIR 3	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B203.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B204.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	22	45	
B205.1	GREASE INTERCEPTOR ROOM	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	27	90	
B206.1	MAIN ELECTRICAL ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100 SIM		8/A5.100 SIM	17	90	
B206.2	MAIN ELECTRICAL ROOM	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100 SIM		8/A5.100 SIM	17	90	
B206.3	MECH SHAFT	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100 SIM		8/A5.100 SIM	17	90	
B207	PARKING	A	3' - 0"	7' - 0"	0' - 1 3/4"								17	90	
B100.1	LONG TERM BIKE STORAGE	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	22		
B101.1	PARKING	E	22' - 0"	9' - 2"	0' - 2"	AL	ANNO	AL	ANNO	3/A5.102	2/A5.102	1/A5.102			OVERHEAD ROLLING DOOR; BASIS OF DESIGN: COOKSON HEAVY DUTY 5015 ROLLING GRILLE MODEL 5015, WITH C9 CURTAIN
B101.2	PARKING	E	22' - 0"	15' - 0"	0' - 2"	AL	ANNO	AL	ANNO	6/A5.102	5/A5.102	4/A5.102			OVERHEAD ROLLING DOOR; BASIS OF DESIGN: COOKSON HEAVY DUTY 5015 ROLLING GRILLE MODEL 5015, WITH C9 CURTAIN
B102.1	PARKING	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B103.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	04	90	
B104.1	TRASH ROOM	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	23	90	FIRE-RATED LOUVER ON BOTH LEAFS OF DOOR FOR MAKE-UP AIR
B105.1	STORAGE	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	22		
B106.1	MPOE	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	7/A5.100		8/A5.100	25	45	
100.1	STAIR 1	A	3' - 0"	7' - 0"	0' - 1"	HM	PTD	HM	PTD				06A		
100.2	UTILITY ENCLOSURE	A	3' - 0"	7' - 0"	0' - 1"	HM	PTD	HM	PTD				06A		
101.1	LOBBY	D	6' - 0"	12' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	6/CDC.08	2/CDC.08	3/CDC.08	01		
102.1	STAIR 3	A	3' - 0"	8' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100	6/A5.100	02		
103.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	03	90	
103.2	STAIR 2	A	3' - 0"	7' - 0"	0' - 1"	HM	PTD	HM	PTD				06A		
106.1	ELEC CL	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	07	90	
107.1	CIRCULATION	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	08		
107.2	CIRCULATION	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	09	45	
107.3	CIRCULATION	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	09	45	
107.4	CIRCULATION	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	09	45	
108.1	ADA BIKE RESTROOM + SHOWER	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	1/A5.100	3/A5.100	10		
109.1	BIKE RESTROOM + SHOWER	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	1/A5.100	3/A5.100	10		
110.1	EMERGENCY ELECTRICAL ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	16	90	
111.1	RETAIL/F&B	C	3' - 6"	12' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	6/CDC.08	2/CDC.08	3/CDC.08 SIM	12		
111.2	RETAIL/F&B	D	6' - 0"	12' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	6/CDC.08	2/CDC.08	3/CDC.08	13		
112.1	RETAIL/F&B	D	6' - 0"	12' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	6/CDC.08	2/CDC.08	3/CDC.08	13		
112.2	RETAIL/F&B	D	6' - 0"	12' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	6/CDC.08	2/CDC.08	3/CDC.08	13		
201.1	TERRACE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
201.2	TERRACE	C	3' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08 SIM	12		
201.7	TERRACE	C	3' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08 SIM	12		
203.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	05	90	
204.1	IDF	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	3/A5.101	3/A5.100	14	90	
205.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	15	90	
206A.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
206B.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
206C.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	20		
206D.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
206E.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
206F.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
207.1	JAN CL	A	2' - 6"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	21		
301.1	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
301.2	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
301.3	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
303.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	05	90	
304.1	IDF	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	3/A5.101	3/A5.100	14	90	
305.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	15	90	
306A.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
306B.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
306C.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	20		
306D.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
306E.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
306F.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
307.1	JAN CL	A	2' - 6"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	21		
401.1	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
401.2	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
403.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	05	90	
404.1	IDF	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	3/A5.101	3/A5.100	14	90	
405.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	15	90	
406A.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
406B.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
406C.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	20		
406D.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
406E.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
406F.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
407.1	JAN CL	A	2' - 6"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	21		
501.1	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
501.2	OFFICE	D	6' - 0"	8' - 0"		GL	AB-8 BLACK	AL	AB-8 BLACK	4/CDC.09	11/CDC.09	3/CDC.08	13		
503.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	05	90	
504.1	IDF	B	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100	3/A5.101	3/A5.100	14	90	
505.1	ELEC RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	15	90	
506A.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
506B.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
506C.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	20		
506D.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
506E.1	ADA STALL	A	3' - 0"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
506F.1	STALL	A	2' - 6"	7' - 0"	0' - 1 3/4"	WD	WD	WD	WD	1/A5.101		2/A5.101	19		
507.1	JAN CL	A	2' - 6"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	2/A5.100		3/A5.100	21		
601.1	LED ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	16	45	
601.2	LED ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	16	45	
603.1	STAIR 2	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	06	90	
605.1	ELEC ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	16	45	
605.2	ELEC ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	16	45	
606.1	ELEV CTRL RM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD	HM	PTD	5/A5.100	4/A5.100 SIM	6/A5.100	16	90	SELF-CLOSING, SELF-LOCKING AND OPENABLE FROM INSIDE WITHOUT A KEY

SHEET NOTES

GENERAL NOTES

1. G.C. TO PROVIDE COMPLETE DOOR/HARDWARE PACKAGE TO FUNCTION AS INDICATED. ALL DOORS AND HARDWARE SHALL BE BUILDING STANDARD, U.O.N. SUBMIT COMPLETE SPECS TO ARCHITECT FOR REVIEW AND APPROVAL.
2. ALL HARDWARE TO MEET TITLE 24 AND ACCESSIBILITY REQUIREMENTS. SEE REQUIRED CLEARANCES AND MOUNTING HEIGHTS ON ADA SHEETS.
3. HINGES AT RATED ASSEMBLIES SHALL BE BALL BEARING.
4. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
5. ALL GLAZING SHALL BE TEMPERED. ALL EXPOSED EDGES SHALL BE POLISHED. GLAZING WITHIN A 24" ARC OF EITHER SIDE OF DOORS MUST BE OF SAFETY GLAZING MATERIAL.
6. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" A.F.F. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND ARE IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE. PANIC BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE HARDWARE.
7. WHERE EXTERIOR DOORS ARE IN CONCRETE, DOOR SHALL BE PAINTED TO MATCH COLOR OF ADJACENT CONCRETE PANELS, TYP.
8. SEE SPEC FOR ADDITIONAL INFORMATION ON DOORS, TYP.
9. ALL FIRE RATED DOORS MUST BE SELF OR AUTOMATIC CLOSING.
10. REFER TO ACCESSIBILITY NOTES AND DETAILS FOR ADDITIONAL INFORMATION.

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Seal / Signature

NOT FOR CONSTRUCTION

Project Name

9176 SUNSET

Project Number

05.2543.000

Description

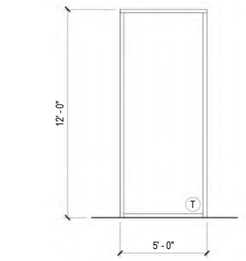
DOOR SCHEDULE AND DOOR TYPES

Scale

1/4" = 1'-0"

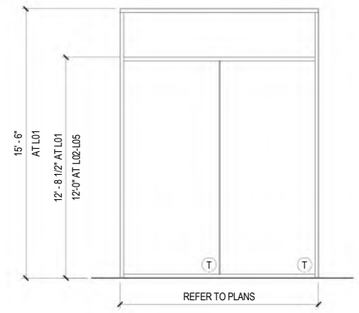
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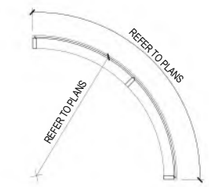


WINDOW/STOREFRONT TYPE 3

SINGLE FIXED PANEL



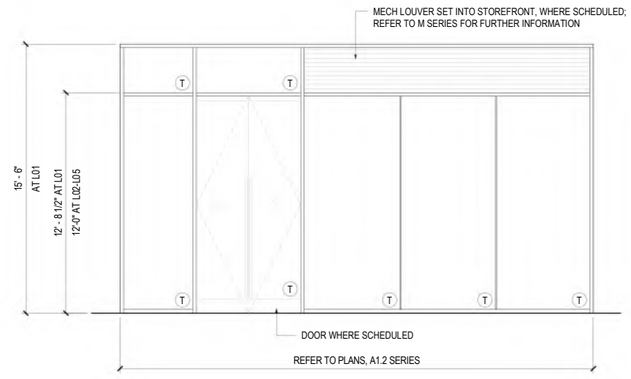
ELEVATION



PLAN

WINDOW/STOREFRONT TYPE 2

CURVED



WINDOW/STOREFRONT TYPE 1

STRAIGHT

1 GLAZING TYPES
1/4" = 1'-0"

STOREFRONT GLAZING SCHEDULE

GLAZING NUMBER	TYPE	GLASS TYPE	DESCRIPTION	HEAD DETAIL	SILL DETAIL	JAMB DETAIL	COMMENTS
W-101A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	9/CDC.08	1/CDC.08	8/CDC.08	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-111A	TYPE 2	GL-1	CURVED STOREFRONT GLAZING	9/CDC.08	1/CDC.08	4/CDC.08	
W-111B	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	5 and 9/CDC.08	1/CDC.08	4/CDC.08	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-111D	TYPE 1	GL-2	STRAIGHT STOREFRONT GLAZING	9/CDC.08	2/CDC.09 SIM	8/CDC.08 SIM	3/4-HR FIRE RATED GLAZING AND FRAME
W-112A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	5 and 9/CDC.08	1/CDC.08	4/CDC.08	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-201A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	2/CDC.09	2/CDC.09	3/CDC.09	
W-201B	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3/CDC.09	
W-201C	TYPE 2	GL-1	CURVED STOREFRONT GLAZING	8/CDC.09	1/CDC.09	9/CDC.09	
W-201D	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	7/CDC.09	
W-201E	TYPE 1	GL-2	STRAIGHT STOREFRONT GLAZING	9/CDC.10	1/CDC.10	7/CDC.09 SIM	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM; 3/4 FIRE-RATED GLAZING AND FRAME
W-201F	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-201G	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	
W-201H	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	
W-201J	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	
W-201K	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	
W-201L	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	11/CDC.09	7/CDC.09	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-201M	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	7/CDC.09	
W-201N	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	7/CDC.09	
W-201P	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	7/CDC.09	
W-301A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	2/CDC.09	2/CDC.09	3/CDC.09	
W-301B	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3/CDC.09	
W-301C	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	5/CDC.09	
W-301D	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	6/CDC.09	
W-301E	TYPE 2	GL-1	CURVED STOREFRONT GLAZING	8/CDC.09	1/CDC.09	9/CDC.09	
W-301F	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1 AND 10/CDC.09	3 and 6/CDC.09	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-301G	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.09 and 3/CDC.10	
W-301H	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-301J	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	
W-301K	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-301L	TYPE 1	GL-2	STRAIGHT STOREFRONT GLAZING	9/CDC.10	1/CDC.10	7/CDC.09 SIM	3/4-HR FIRE RATED GLAZING AND FRAME
W-401A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	2/CDC.09	2/CDC.09	3/CDC.09	
W-401B	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3/CDC.09	
W-401C	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	5/CDC.09	
W-401D	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	6/CDC.09	
W-401E	TYPE 2	GL-1	CURVED STOREFRONT GLAZING	8/CDC.09	1/CDC.09	9/CDC.09	
W-401F	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3 and 6/CDC.09	
W-401G	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.09 and 3/CDC.10	
W-401H	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-401J	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	
W-401K	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	
W-401L	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3/CDC.10	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM
W-401M	TYPE 1	GL-2	STRAIGHT STOREFRONT GLAZING	9/CDC.10	1/CDC.10	7/CDC.09 SIM	3/4-HR FIRE RATED GLAZING AND FRAME
W-501A	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	2/CDC.09	2/CDC.09	3/CDC.09	
W-501B	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3/CDC.09	
W-501C	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	5/CDC.09	
W-501D	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	6/CDC.09	
W-501E	TYPE 2	GL-1	CURVED STOREFRONT GLAZING	8/CDC.09	1/CDC.09	9/CDC.09	
W-501F	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	1/CDC.09	3 and 6/CDC.09	
W-501G	TYPE 1	GL-1	STRAIGHT STOREFRONT GLAZING	8/CDC.09	10/CDC.09	3 AND 7/CDC.09	SEE DOOR SCHEDULE FOR DOORS WITHIN STOREFRONT SYSTEM

NOTE: STOREFRONT FRAMING TO BE ALUMINUM, FINISHED IN BLACK (BASIS OF DESIGN IS ARCADIA AB-8 BLACK)

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02/18/2022	50% DESIGN DEVELOPMENT
04/15/2022	DESIGN DEVELOPMENT ISSUANCE
12/23/2023	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

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Project Name
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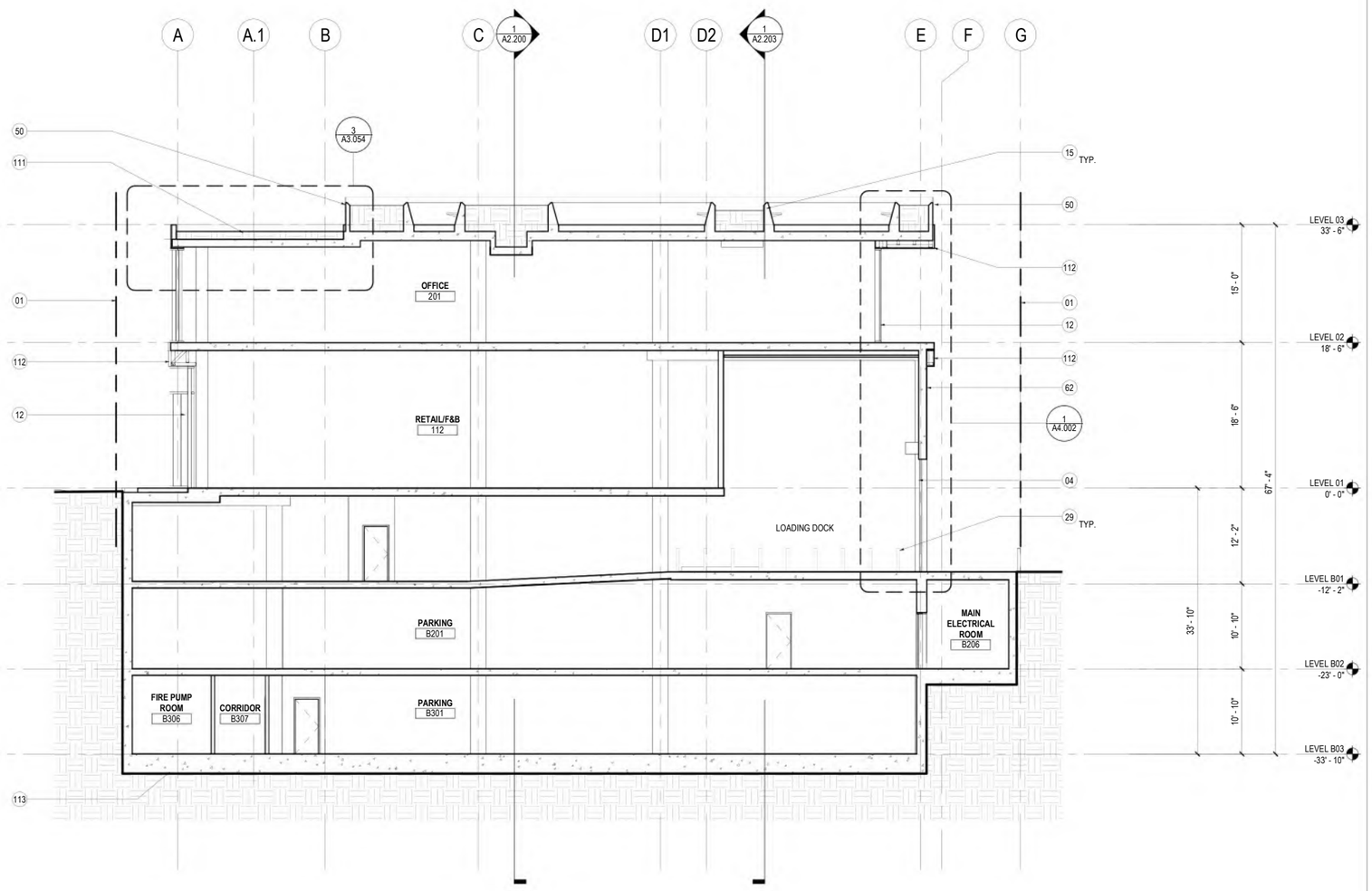
Project Number
05.2543.000

Description
WINDOW SCHEDULE AND WINDOW TYPES

Scale
1/4" = 1'-0"

A0.200

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1 BUILDING SECTION - N/S @ GL 7
1/8" = 1'-0"

SHEET NOTES

01 PROPERTY LINE
04 LOADING DOCK GATE
12 ALUMINUM WINDOW WALL SYSTEM
15 PLANTER; SEE LANDSCAPE DRAWINGS
29 BOLLARD
50 PLATE STEEL GUARDRAIL
62 PLASTER FINISH
111 GREEN ROOF
112 SOFFIT ASSEMBLY, SEE WALL SECTIONS
113 MAT FOUNDATION, SEE STRUCT

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12/23/2022	50% CONSTRUCTION DOCUMENTS
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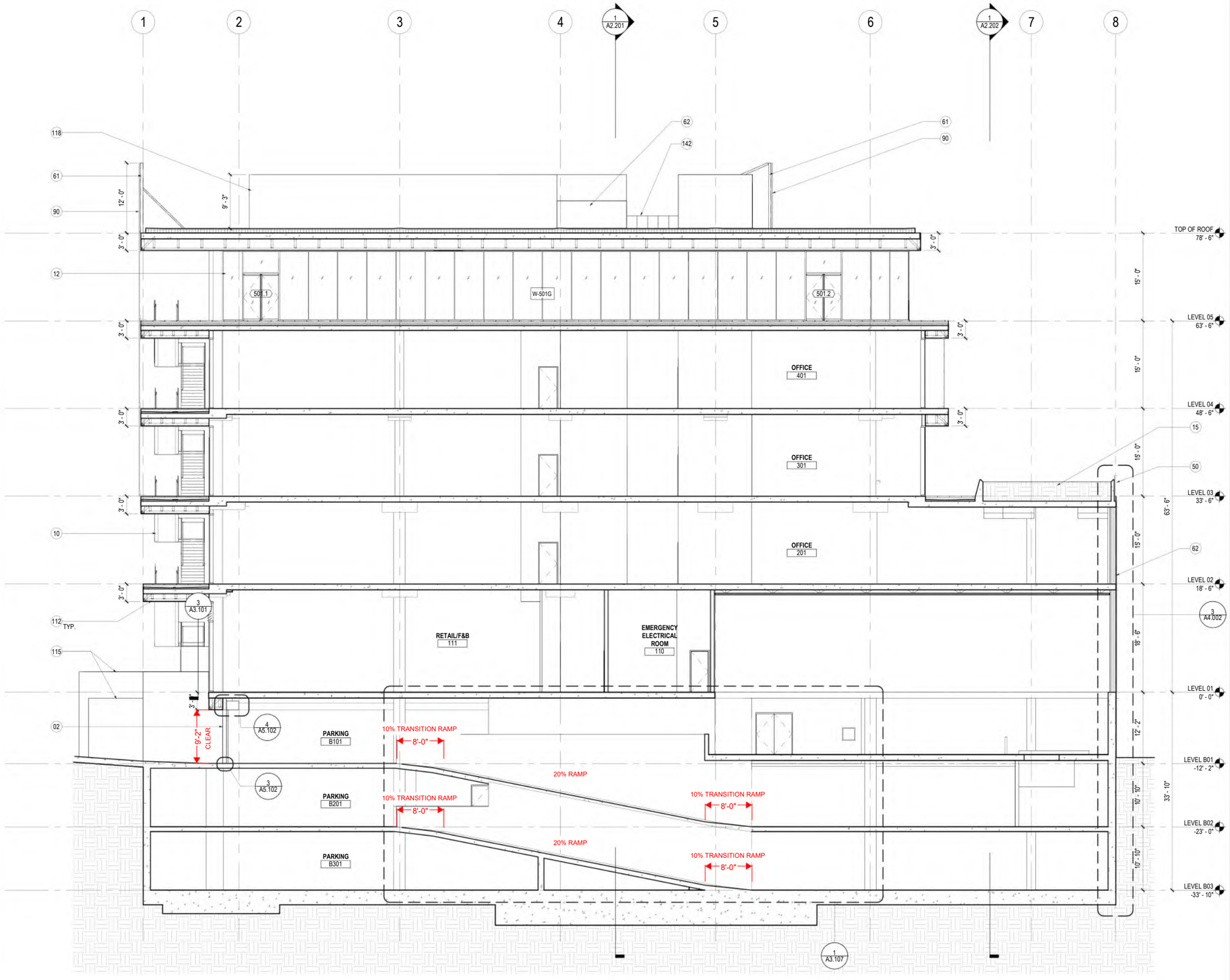
Project Number
05.2543.000

Description
BUILDING SECTION - N/S @ GL 7

Scale
1/8" = 1'-0"

A2.202

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1 BUILDING SECTION - EAST WEST @ GL D2/E
1/8" = 1'-0"

SHEET NOTES

02 GARAGE ENTRY GATE
10 EXTERIOR PAINTED METAL STAIR
12 ALUMINUM WINDOW WALL SYSTEM
15 PLANTER; SEE LANDSCAPE DRAWINGS
50 PLATE STEEL GUARDRAIL
61 STRUCTURAL COLUMN FOR SCREEN SUPPORT
62 PLASTER FINISH
90 LED SCREEN, REFER TO SV SERIES FOR FURTHER INFORMATION
112 SOFFIT ASSEMBLY, SEE WALL SECTIONS
115 LANDSCAPE PLANTER: 6" THICK CAST IN PLACE CONCRETE WITH PRESTO FINISH WHERE VISIBLE
118 CORRUGATED METAL ENCLOSURE
142 PAINTED STEEL OSHA SAFETY RAIL

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02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

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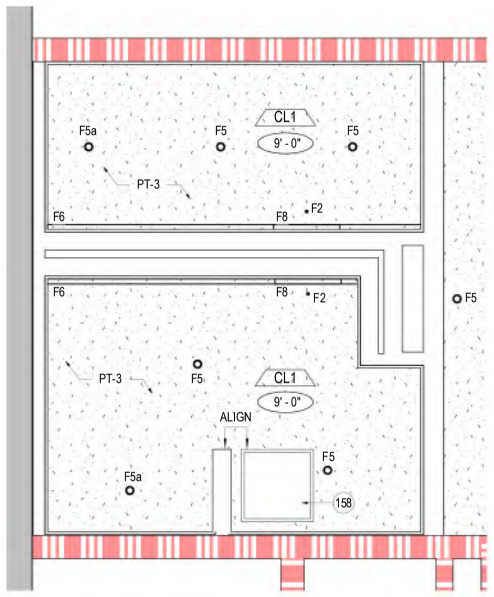
Project Number
05.2543.000

Description
BUILDING SECTION - E/W @ GL D2

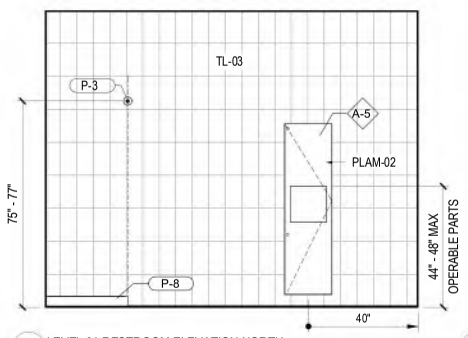
Scale
1/8" = 1'-0"

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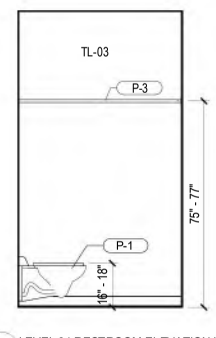
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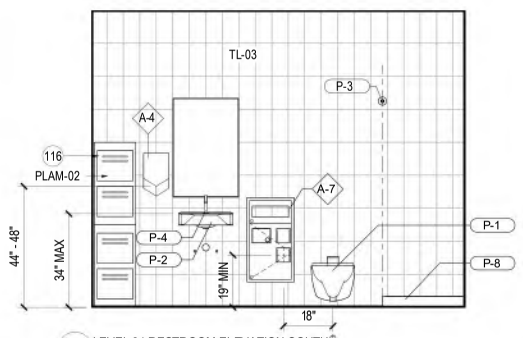
2 ENLARGED REFLECTED CEILING PLAN - LEVEL 01 RESTROOMS
3/8" = 1'-0"



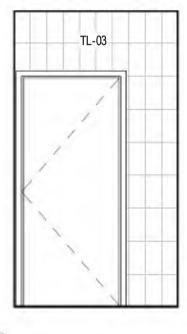
10 LEVEL 01 RESTROOM ELEVATION NORTH
3/8" = 1'-0"



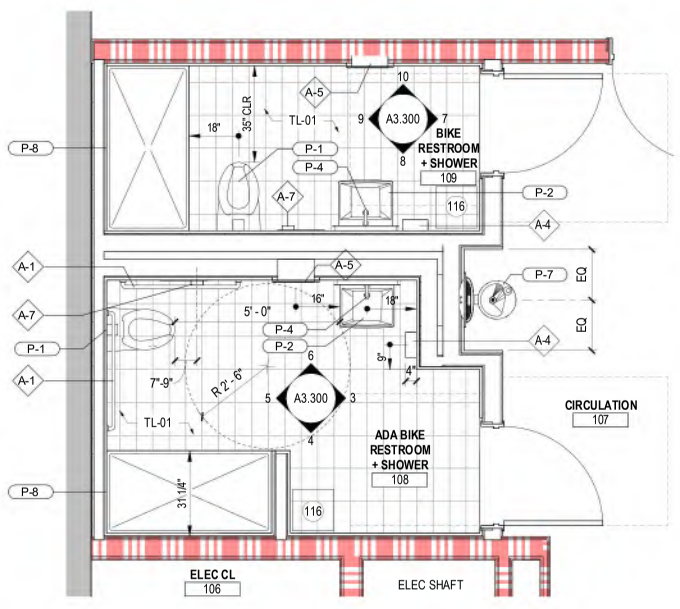
9 LEVEL 01 RESTROOM ELEVATION WEST
3/8" = 1'-0"



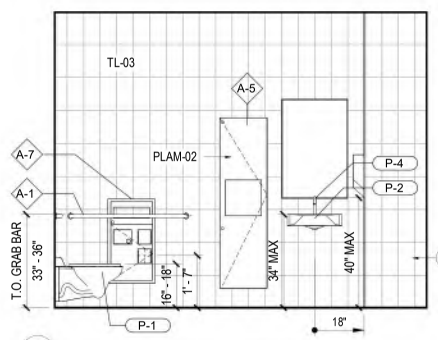
8 LEVEL 01 RESTROOM ELEVATION SOUTH
3/8" = 1'-0"



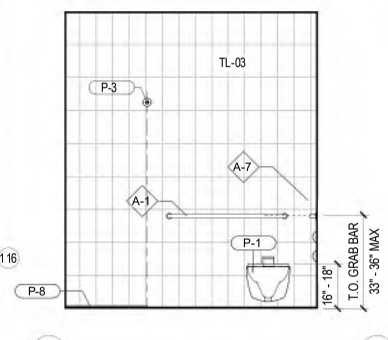
7 LEVEL 01 RESTROOM ELEVATION EAST
3/8" = 1'-0"



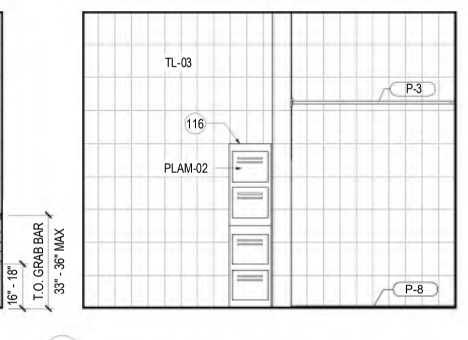
1 ENLARGED PLAN - LEVEL 01 RESTROOMS
3/8" = 1'-0"



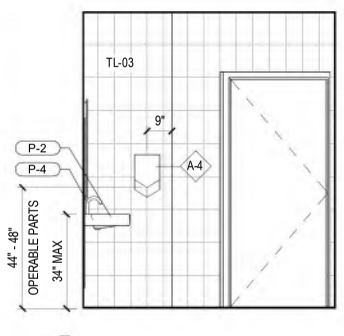
6 LEVEL 01 ADA RESTROOM ELEVATION NORTH
3/8" = 1'-0"



5 LEVEL 01 ADA RESTROOM ELEVATION WEST
3/8" = 1'-0"



4 LEVEL 01 ADA RESTROOM ELEVATION SOUTH
3/8" = 1'-0"



3 LEVEL 01 ADA RESTROOM ELEVATION EAST
3/8" = 1'-0"

SHEET NOTES

116 PLASTIC-LAMINATE-CLAD LOCKERS

158 CEILING MOUNTED FLUSH ACCESS DOOR 24" X 24", TRIMLESS FRAME, SAME FINISH AS ADJACENT SURFACE

LEGEND

NOTE:

1. ANY WALL RECIEVING TILES SHOULD BE WATER RESISTANT
2. DIMENSIONS SHOWN ARE TO FINISH SURFACE
3. SEE ADA SHEETS FOR REQUIRED MOUNTING HEIGHTS OF RESTROOM FIXTURES AND ACCESSORIES.

PLUMBING FIXTURES:

P - 1: AMERICAN STANDARD MADERA WITH TOUCHLESS ELECTRONIC PISTON FLUSH VALVE MODEL #3043528.020, WHITE

P - 2: KOHLER SOHO, MODEL #K-2084-NR-0, WHITE

P - 3: DURAVIT DURASQUARE DOUBLE FURNITURE WASHBASIN, MODEL #2353120040

P - 4: KOHLER STRAYT, MODEL #K-104S37-SANA-CP, STAINLESS STAIN

P - 5: ZURN MOP SERVICE BASIN, MODEL #Z1996-24

P - 6: T&S BRASS SERVICE SINK FAUCET, WALL MOUNT, 8" CENTERS, MODEL #B-0665-BSTR, STAINLESS STAIN

P - 7: ELKAY EZH2O BOTTLE FILLING STATION WITH INTEGRAL SWIRLFLO FOUNTAIN, MODEL #EZWS-ERPBM8K

P - 8: KOHLER RELY 60"X30" SHOWER BASE

P - 9: KOHLER PURIST ESSENTIALS PERFORMANCE SHOWERING PACKAGE, 1.75 GPM, MODEL #K-22181-G-CP

ACCESSORIES:

A - 1: BOBRICK STRAIGHT GRAB BAR, FINO COLLECTION, MODEL #B-9806

A - 2: BOBRICK RECESSED SOAP DISPENSER, MODEL #B-306

A - 3: WELDED-FRAME MIRROR, 24"X60", MODEL #B-290. 2460.MBLK

A - 4: DYSON AIRBLADE V

A - 5: BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, MODEL B-39003 TRIMLINESERIES, STAINLESS STAIN

A - 6: BOBRICK RECESSED PAPER TOWEL DISPENSER, MODEL B-35903 TRIMLINESERIES, STAINLESS STEEL

A - 7: BOBRICK RECESSED SEAT-COVER DISPENSER, SANITARY NAPKIM DISPOSAL AND TOILET TISSE DISPENSER, MODEL #B-35745

A - 8: MOEN DONNER COMMERICAL SATIN STAINLESS SHOWER ROD, MODEL #55-5

A - 9: RECESSED NAPKIN / TAMPON VENDOR, 25-CENT OPERATION

A - 10: KOALA KARE KB110-SSRE HORIZONTAL STAINLESS STEEL RECESSED MOUNTED BABY CHANGING STATION

GENERAL NOTES

1. MATERIALS WHICH ARE IN SIMILAR LOCATIONS ARE NOT NOTED AT EVERY OCCURRENCE SEE FINISH PLANS, REFLECTED CEILING PLANS, INTERIOR ELEVATIONS, AND FINISH LEGEND FOR ADDITIONAL FINISH INFORMATION.
2. SEE DOOR AND FRAME TYPES FOR ADDITIONAL INFORMATION AND REFERENCES TO DETAILS.
3. MECHANICAL GRILLES AND ACCESS PANELS IN WALLS SHALL MATCH THE COLOR OF ADJACENT WALL WHERE LOCATED, UNLESS NOTED OTHERWISE.
4. DOORS NOT LOCATED BY DIMENSION ARE TO BE CENTERED IN WALLS AS SHOWN OR LOCATED 4" FROM FACE OF STUD TO FACE OF JAMB.

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04/15/2022	DESIGN DEVELOPMENT ISSUANCE
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

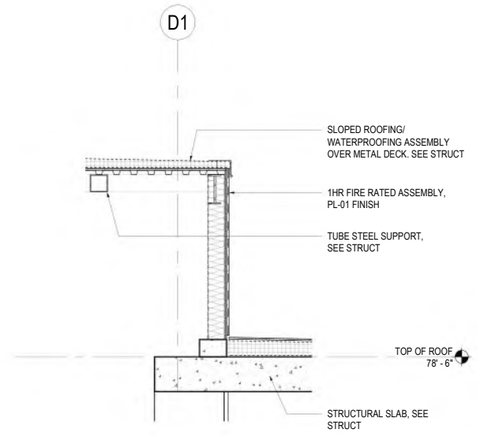
Project Number
05.2543.000

Description
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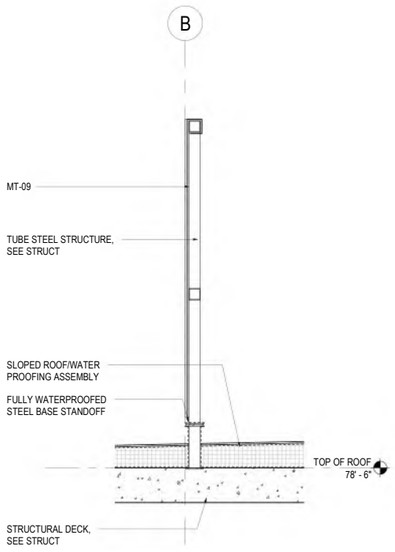
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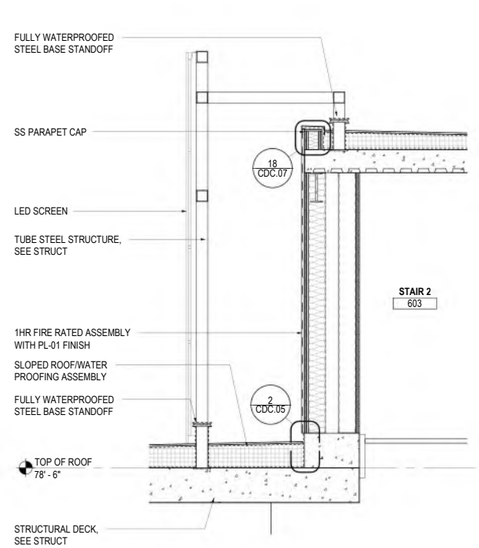
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2 BUILDING SECTION - ELEVATOR OVERRUN
1/2" = 1'-0"



3 BUILDING SECTION - PENTHOUSE MECH SCREEN
1/2" = 1'-0"



1 BUILDING SECTION - LED SCREEN
1/2" = 1'-0"

JBC
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500 South Figueroa Street
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United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
12/23/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

Project Number
05.2543.000

Description
WALL SECTIONS - ROOF

Scale
1/2" = 1'-0"

A4.003

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NOTICE TO CONTRACTORS:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION AND SUPPLEMENTS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (GREENBOOK), AND THE CORRESPONDING ADDITIONS AND AMENDMENTS PER CITY OF WEST HOLLYWOOD.
2. ALL WORKS ARE TO BE INSPECTED THROUGH THE CITY OF WEST HOLLYWOOD DEPARTMENT OF BUILDING & SAFETY.
3. STANDARD PLANS AND DETAILS FOR THE AMERICAN PUBLIC WORKS ASSOCIATION ARE NOTED IN THESE CONSTRUCTION DOCUMENTS AND ARE INCORPORATED BY REFERENCE.
4. ALL RECOMMENDATIONS, MADE BY THE GEOTECHNICAL/SOILS ENGINEER (AND ENGINEER GEOLOGIST, WHERE EMPLOYED), AND CONTAINED IN THE REPORTS REFERENCED HEREON, AS APPROVED OR CONDITIONED BY THE CITY, SHALL BE CONSIDERED A PART OF THIS GRADING PLAN.
5. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED CONSTRUCTION PERMITS.
6. THE EXISTING CONDITIONS SHOWN ON THE PLANS WERE OBTAINED FROM AS-BUILT DRAWINGS, FIELD SURVEY, AND DATA PROVIDED BY OWNER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOB SITE AND VERIFY THE EXACT EXISTING CONDITIONS BEFORE SUBMITTING BID DOCUMENTS.
7. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE AND UTILITY WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROJECT ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
8. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAS BEEN PROVIDED BASED ON PLAYA VISTA HISTORIC DATA AND PROPOSED CONSTRUCTION PLANS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES.
9. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS, THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
10. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
11. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK IN QUESTION.
12. THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS, WHICH ARE 5 FEET OR DEEPER.
13. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION TO ARRANGE FOR FIELD LOCATION OF UTILITY LINES. CALL 1-800-422-4133 FOR THIS SERVICE. ANY UTILITY NOT SUBSCRIBING TO THIS SERVICE SHALL BE CONTACTED DIRECTLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHETHER ALL UTILITIES HAVE BEEN NOTIFIED.
14. PRIOR TO EXERCISING ANY RIGHT OR PERFORMING ANY OBLIGATION PURSUANT TO ANY PERMIT ISSUED BY THE CITY OF WEST HOLLYWOOD, THE CONTRACTOR SHALL OBTAIN, FILE, AND MAINTAIN WITH THE CITY OF WEST HOLLYWOOD A POLICY OF INSURANCE OR CERTIFICATE OF INSURANCE TO COVER ANY AND ALL LIABILITY THAT MAY ARISE FROM THE PERFORMANCE OF ANY WORK PERMITTED BY THE CITY IN THE RIGHT-OF-WAY.
15. ALL TRAFFIC CONTROL, BARRICADING, AND CONSTRUCTION SIGNING SHALL BE IN CONFORMANCE WITH THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH). DETOUR SIGNS SHALL BE POSTED ON WOOD OR METAL POSTS. SIGNS SHALL NOT BE POSTED ON ANY TREE OR TRAFFIC SIGN.
16. NO WATER SHALL BE TAKEN FROM FIRE HYDRANTS WITHOUT APPROVAL FROM THE JURISDICTIONAL WATER AGENCY.
17. CONTRACTOR RESPONSIBLE TO PREPARE A TEMPORARY TRAFFIC CONTROL PLAN FOR WORK IN THE PUBLIC RIGHT-OF-WAY.
18. STANDARD PLANS USED FOR THIS PROJECT:

DRIVEWAY	110-2
CURB RAMP	111-5
CURB	120-3
LONGITUDINAL GUTTER	122-3
PARKWAY DRAIN	151-3
CLEANOUT STRUCTURE	204-3

AIR QUALITY NOTES:

1. MATERIALS SUCH AS OIL-BASED ARCHITECTURAL COATINGS, PAINTS AND ASPHALT USED IN CONSTRUCTION SHALL BE CONTROLLED ACCORDING TO SCAQMD REGULATIONS.
2. ALL MATERIALS TAKEN OFF-SITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNTS OF DUST.
3. ON-SITE VEHICLE SPEED SHALL BE POSTED AT 15 MILES PER HOUR. STREETS ADJACENT TO THE SITE SHALL BE SWEPT AS NEEDED TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES.
4. ENGINES MUST BE MAINTAINED IN GOOD CONDITION ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
5. BOTH GRADING AND CONSTRUCTION ACTIVITIES ARE TO BE SCHEDULED TO EVEN OUT EMISSION PEAKS. GRADING OPERATIONS SHALL BE SUSPENDED DURING SECOND STAGE SMOG ALERTS.
6. THE SITE SHALL BE FENCED TO REDUCE WIND-BLOWN DUST. CONSTRUCTION MATERIALS NOT STORED BEHIND THE TEMPORARY FENCES SHALL BE COVERED. ALL STORED SOIL AND SAND SHALL BE COVERED OR TREATED WITH SOIL BINDERS.
7. ALL UNPAVED DEMOLITION AND CONSTRUCTION AREAS SHALL BE WETTED AT LEAST TWICE DAILY DURING EXCAVATION AND CONSTRUCTION, AND TEMPORARY DUST COVERS SHALL BE USED TO REDUCE DUST EMISSION AND MEET SCAQMD DISTRICT RULE 403. WETTING COULD REDUCE FUGITIVE DUST BY AS MUCH AS 50 PERCENT.
8. THE OWNER OR CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY GRADING AND HAULING, AND AT ALL TIMES PROVIDE REASONABLE CONTROL OF DUST CAUSED BY WIND.
9. ALL LOADS SHALL BE SECURED BY TRIMMING, WATERING OR OTHER APPROPRIATE MEANS TO PREVENT SPILLAGE AND DUST
10. ALL CLEARING, GRADING, EARTH MOVING, OR EXCAVATION ACTIVITIES SHALL BE DISCONTINUED DURING PERIODS OF HIGH WINDS (I.E. GREATER THAN 15 MPH), SO AS TO PREVENT EXCESSIVE AMOUNTS OF DUST.
11. GENERAL CONTRACTORS SHALL MAINTAIN AND OPERATE CONSTRUCTION EQUIPMENT SO AS TO MINIMIZE EXHAUST EMISSIONS.

GRADING NOTES:

1. GRADING OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE CODE OF THE CITY OF WEST HOLLYWOOD AND ALL REVISIONS THERETO.
2. A PRE-JOB MEETING WITH THE GRADING INSPECTOR IS REQUIRED PRIOR TO THE START OF GRADING OPERATIONS. SUBSEQUENT INSPECTIONS SHALL BE REQUESTED IN ACCORDANCE WITH THE INSPECTOR'S INSTRUCTIONS.
3. EXISTING GROUND UPON WHICH FILL OR BASE IS TO BE PLACED SHALL BE CLEARED OF WEEDS, DEBRIS, TOPSOIL, AND ALL OTHER DELETERIOUS MATERIALS; NO FILL SHALL BE PLACED UNTIL PREPARATION OF THE EXISTING GROUND HAS BEEN APPROVED BY THE SOILS ENGINEER OF RECORD AND BY THE INSPECTOR.
4. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR AND THE OWNER TO PROTECT ADJACENT PROPERTY, PUBLIC AND UTILITIES DURING GRADING OPERATIONS. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES, WHETHER SHOWN OR NOT ON THE PLAN.
5. WATER CONTENT SHALL BE CONTROLLED AS DETERMINED BY THE SOILS ENGINEER AND THE INSPECTOR.
6. UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE.
7. LOOSE MATERIAL SHALL NOT EXCEED 3" IN DEPTH ON A FILLED SLOPE.
8. ALL LOOSE ON-SITE FILL SHALL BE REMOVED AND RECOMPACTED.
9. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
10. IMPORT SOILS SHOULD CONSIST OF CLEAN, COMPACTABLE MATERIALS POSSESSING EXPANSION CHARACTERISTICS SIMILAR TO OR BETTER THAN THE ON-SITE SOILS. IMPORT SOILS SHOULD BE FREE OF TRASH, DEBRIS OR OTHER OBJECTIONABLE MATERIAL. CONTRACTOR SHALL NOTIFY THE PROJECT GEOTECHNICAL ENGINEER NOT LESS THAN 72 HOURS IN ADVANCE OF THE LOCATION OF ANY SOILS PROPOSED FOR IMPORT. EACH PROPOSED IMPORT SOURCE SHALL BE SAMPLED, TESTED, AND APPROVED PRIOR TO DELIVERY OF SOILS FOR USE ON THE SITE.
11. APPROVAL OF THIS PLAN IS FOR GRADING AND PAVING ON SITE ONLY AND DOES NOT CONSTITUTE APPROVAL OF ANY BUILDING, WALL OR OTHER STRUCTURE SHOWN ON-SITE NOR ANY OFF-SITE IMPROVEMENTS SHOWN.
12. NO FILL SHALL BE PLACED DURING UNFAVORABLE WEATHER CONDITIONS. THE SOILS ENGINEER AND GRADING INSPECTOR SHALL VERIFY MOISTURE CONTENT AND DENSITY PRIOR TO PLACEMENT OF ADDITIONAL FILL AFTER HEAVY RAINS.
13. ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:
    A. 0% TO 2% WET OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST 95% RELATIVE COMPACTION FOR STRUCTURAL FILL FOR SUPPORT OF PAVEMENT
    B. 90% OF MAXIMUM DRY DENSITY FOR OTHER PERMANENT FILLS, I.E. LANDSCAPING

    THE RELATIVE COMPACTION SHALL BE DETERMINED BY ASTM SOIL COMPACTION TEST D1557-91.
14. ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLERED.
15. STANDARD 12-INCH HIGH BERM IS REQUIRED AT TOP OF ALL GRADED SLOPES.
16. NO FILL TO BE PLACED, UNTIL THE CITY GRADING INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION.
17. TEMPORARY EROSION CONTROL TO BE INSTALLED BETWEEN OCTOBER 1ST AND APRIL 15TH. OBTAIN GRADING INSPECTOR'S AND DEPARTMENT OF PUBLIC WORKS APPROVAL OF PROPOSED PROCEDURES.
18. ALL PARKING SIDEWALK AND LANDSCAPE AREAS WITH UNCERTIFIED FILL SHALL BE OVEREXCAVATED 24" AND RECOMPACTED PER GEOTECHNICAL RECOMMENDATIONS.

BENCHMARK:

VERTICAL VALUES SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) UTILIZING COUNTY OF LOS ANGELES BENCHMARK LISTED BELOW:

BENCHMARK NUMBER : 6Y5272

CUT SPK IN N CB 5' W/O BCR @ NW COR SUNSET BLVD & DOHENY DR 48' W & 34' N/O C/L INT MKD (BM)

ELEVATION : 408.716 FEET
QUAD YEAR : 2012

BASIS OF BEARINGS:

THE CENTERLINE OF PHYLLIS DRIVE HAVING A BEARING OF NORTH 69°44'40" WEST, AS SHOWN ON RECORD OF SURVEY BOOK 78, PAGE 27, OF MAPS IS SHOWN AS THE RECORD OF SURVEY.

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

LOT 2 OF TRACT NO. 7980, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 87 PAGES 55 AND 56 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL B:

LOT 1 OF TRACT NO. 4048, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 73 PAGE 6 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL C:

LOT 1 OF TRACT NO. 7980, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 87 PAGES 55 AND 56 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AND THAT PORTION OF CORY AVENUE VACATED BY RESOLUTION RECORDED JANUARY 27, 1971 AS INSTRUMENT NO. 2962 OFFICIAL RECORDS OF SAID COUNTY.

APN: 4340-028-001, 4340-028-002, 4340-028-010

LEGEND:

	EXISTING PROPERTY LINE
	EXISTING BUILDING OUTLINE
	STREET CENTER LINE
	EXISTING CURB
SD	PROPOSED STORM DRAIN
8"SS	PROPOSED SANITARY SEWER
4"W	PROPOSED POTABLE WATER
FW	PROPOSED FIRE WATER
COM	PROPOSED COMMUNICATION LINE
G	PROPOSED GAS LINE
	PROPOSED SWALE
SD	EXISTING STORM DRAIN
8"SS	EXISTING SANITARY SEWER
4"W	EXISTING POTABLE WATER
FW	EXISTING FIRE WATER
G	EXISTING GAS LINE
(18)	EXISTING CONTOUR
	PROPOSED FIRE HYDRANT
LF	LINEAL FEET
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FL	FLOW LINE
FS	FINISHED SURFACE
HP	HIGH POINT
TG	TOP OF GRATE
INV	INVERT ELEVATION
1	CONSTRUCTION NOTE
BW	BACK OF WALK
(XXX.XX) FG	EXISTING FINISHED GRADE
XXX.XX FG	PROPOSED FINISHED GRADE

SOILS ENGINEER/GEOLOGISTS:

GEOTECCHNOLOGIES, INC.
439 WESTERN AVENUE
GLENDALE, CA 91201-2837
PHONE: (818) 240-9600 FAX: (818) 240-9675
CONTACT: EDMOND V. BABAYAN

THESE PLANS HAVE BEEN REVIEWED AND CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHICAL ENGINEERING EVALUATION REPORT DATED DECEMBER 14, 2020 AND ALL SUBSEQUENT SUPPLEMENTAL REPORTS AND RESPONSE LETTERS.

DATE

GENERAL SWPPP AND SUSMP COMPLIANCE NOTES:

ALL CONSTRUCTION PERFORMED PER THESE PLANS, RELATED TO SITE DEMOLITION, PREPARATION, GRADING, DRAINAGE, UTILITY INSTALLATION, PAVING, EROSION CONTROL, LANDSCAPING AS WELL AS BUILDING CONSTRUCTION, SHALL BE DONE IN ACCORDANCE WITH THE LATEST NPDES PERMIT, ISSUED BY THE STATE OF CALIFORNIA TO LOS ANGELES COUNTY AND ALL ITS MUNICIPALITIES.

INSTALLATION AND MAINTENANCE OF LONG TERM BEST MANAGEMENT PRACTICES FOR WATER QUALITY CONTROL, SHALL BE IN ACCORDANCE WITH THE STORM WATER QUALITY MANAGEMENT PLAN PREPARED FOR THE DEVELOPMENT.

ESTIMATED EARTHWORK QUANTITIES:

CUT:	21,300 C.Y.
10% BULKING FACTOR:	2,130 C.Y.
7% CONTINGENCY	1,640 C.Y.
***TOTAL EXPORT=**	**25,000 C.Y.**

THE ABOVE LISTED QUANTITIES REFLECT THE ENGINEER'S ESTIMATE OF THE EARTHWORK VOLUMES.

A 10% BULKING FACTOR IS ASSUMED.

*THE TOTAL EXPORT VOLUME INCLUDES A 7% CONTINGENCY FACTOR.

THESE QUANTITIES ARE FOR DESIGN AND BONDING PURPOSES ONLY, AND NOT FOR CONTRACT PURPOSES.

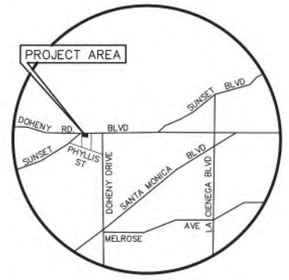
THE CONTRACTOR IS RESPONSIBLE FOR COMPUTING HIS OWN QUANTITIES.

UNDERGROUND SERVICE ALERT
CALLTHREE WORKING DAYS
BEFORE YOU DIG:

811

Know what's **below.**
Call before you dig.

INDEX TO SHEETS	
SHT No.	DESCRIPTION
C1.00	TITLE SHEET
C2.00	GRADING PLAN
C2.10	GRADING SECTIONS AND DETAILS
C3.00	UTILITY PLAN
C4.00	LOW IMPACT DEVELOPMENT PLAN
C5.00	HORIZONTAL CONTROL PLAN
C6.00	EROSION CONTROL PLAN



VICINITY MAP
NOT TO SCALE

PROJECT INFORMATION

PROJECT ADDRESS:
9176 W SUNSET BLVD
WEST HOLLYWOOD, CA 90069

APN: 4340-028-001, 4340-028-002, 4340-028-010

THOMAS BROS. GUIDE: 592-G6

CONTACT INFORMATION

LDRL CA 306 LLC
c/o JEANNE LAZAR
151 N. FRANKLIN STREET, SUITE 300
CHICAGO, IL 60600
PHONE: (312) 441-4131

JBC
The John Buck Company
9176 Sunset Blvd
West Hollywood, CA 90069

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500 South Figueroa Street
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United States
Tel 213.327.3600
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Seal / Signature

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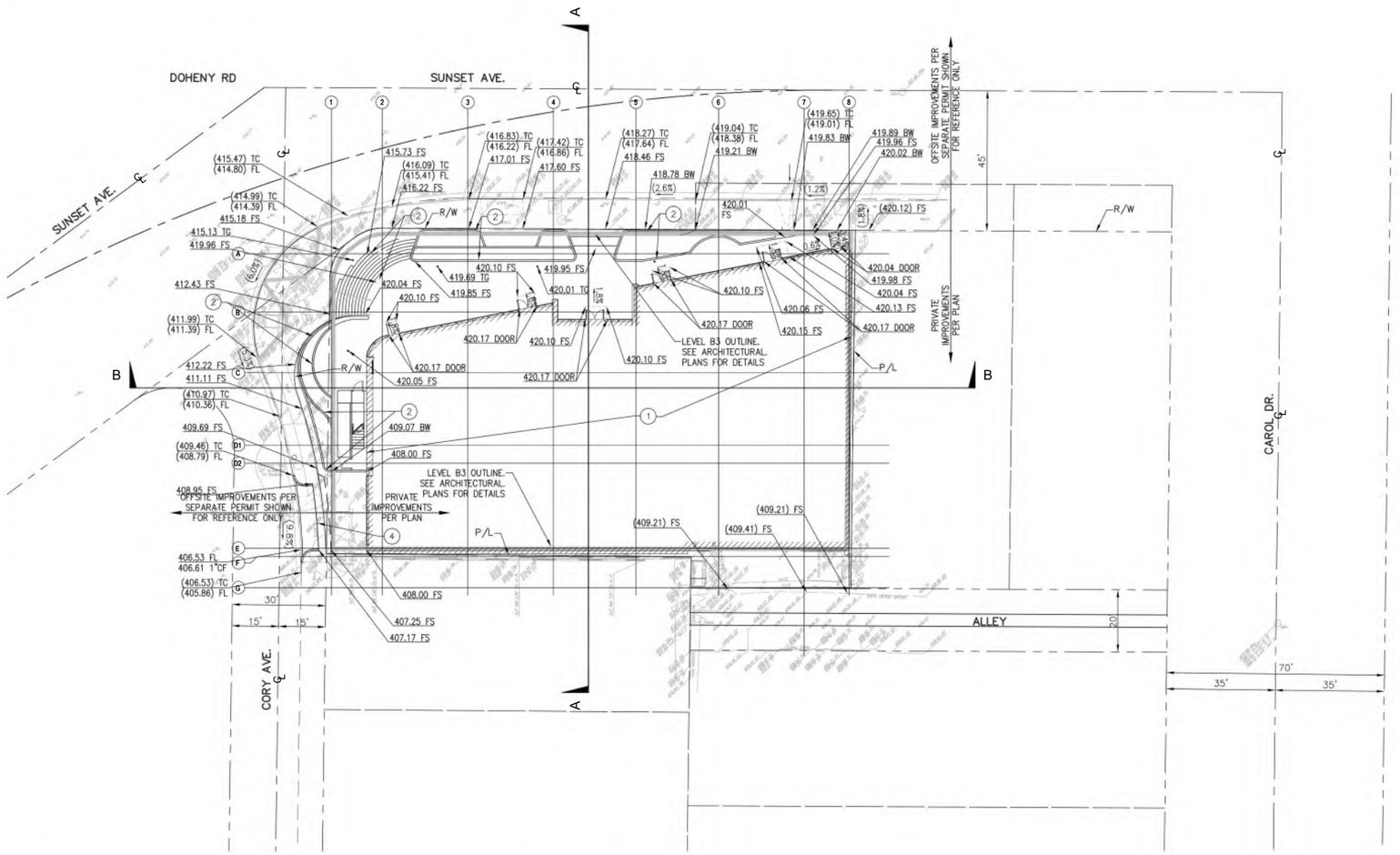
Project Number
05.2543.000

Description
TITLE SHEET

Scale

C1.00

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LEGEND:

- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING BUILDING OUTLINE
- PROPOSED BUILDING OUTLINE
- STREET CENTER LINE
- EXISTING CURB

ABBREVIATIONS:

BW	BACK OF SIDEWALK
FL	FLOW LINE
TC	TOP OF CURB
FFE	FINISHED FLOOR ELEVATION
(100.1)	EXISTING ELEVATION
100.00	PROPOSED ELEVATION
(XXX.XX) FG	EXISTING GRADE
XXX.XX FG	PROPOSED GRADE

CONSTRUCTION NOTES

1. PROPOSED BUILDING PER ARCHITECTURAL PLANS
2. SEE LANDSCAPE PLAN FOR HARDSCAPE AND PLANTING DETAILS
3. EXISTING CATCH BASIN TO REMAIN IN PLACE
4. CONSTRUCT DRIVEWAY PER SEPARATE PERMIT

ESTIMATED EARTHWORK QUANTITIES:

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UNDERGROUND SERVICE ALERT
CALLTHREE WORKING DAYS
BEFORE YOU DIG:

811

Know what's **below.** **Call** before you dig.

20 10 0 20 40
GRAPHIC SCALE: 1"=20'

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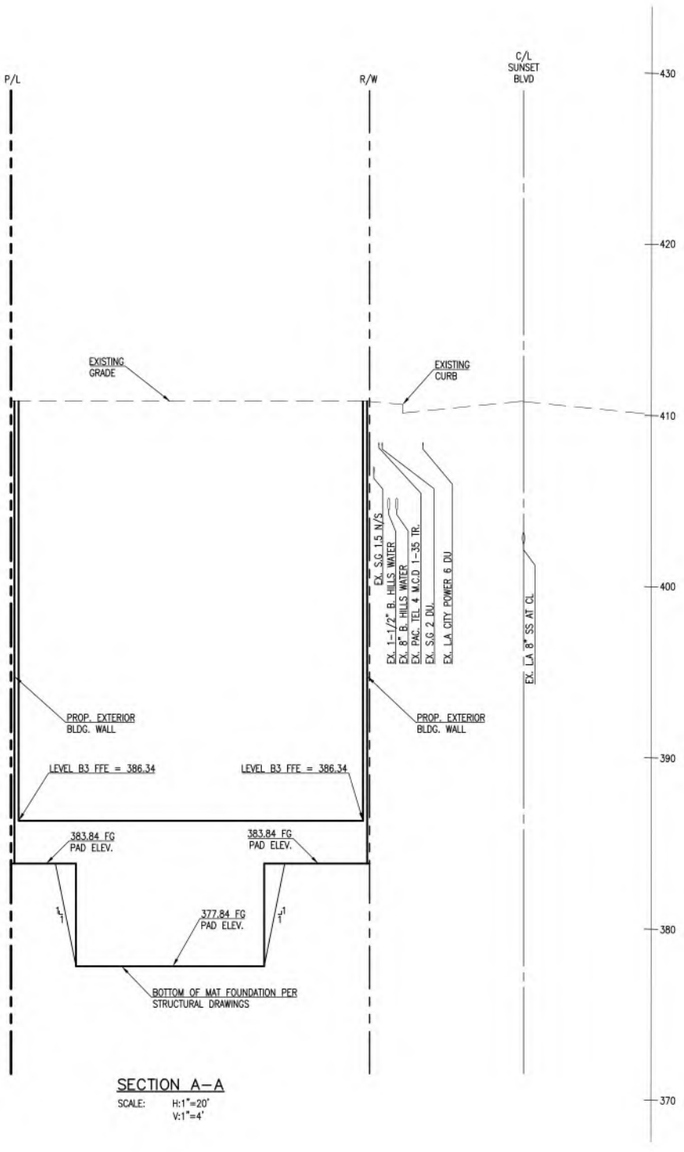
Project Number
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Description
GRADING PLAN

Scale
1" = 20'

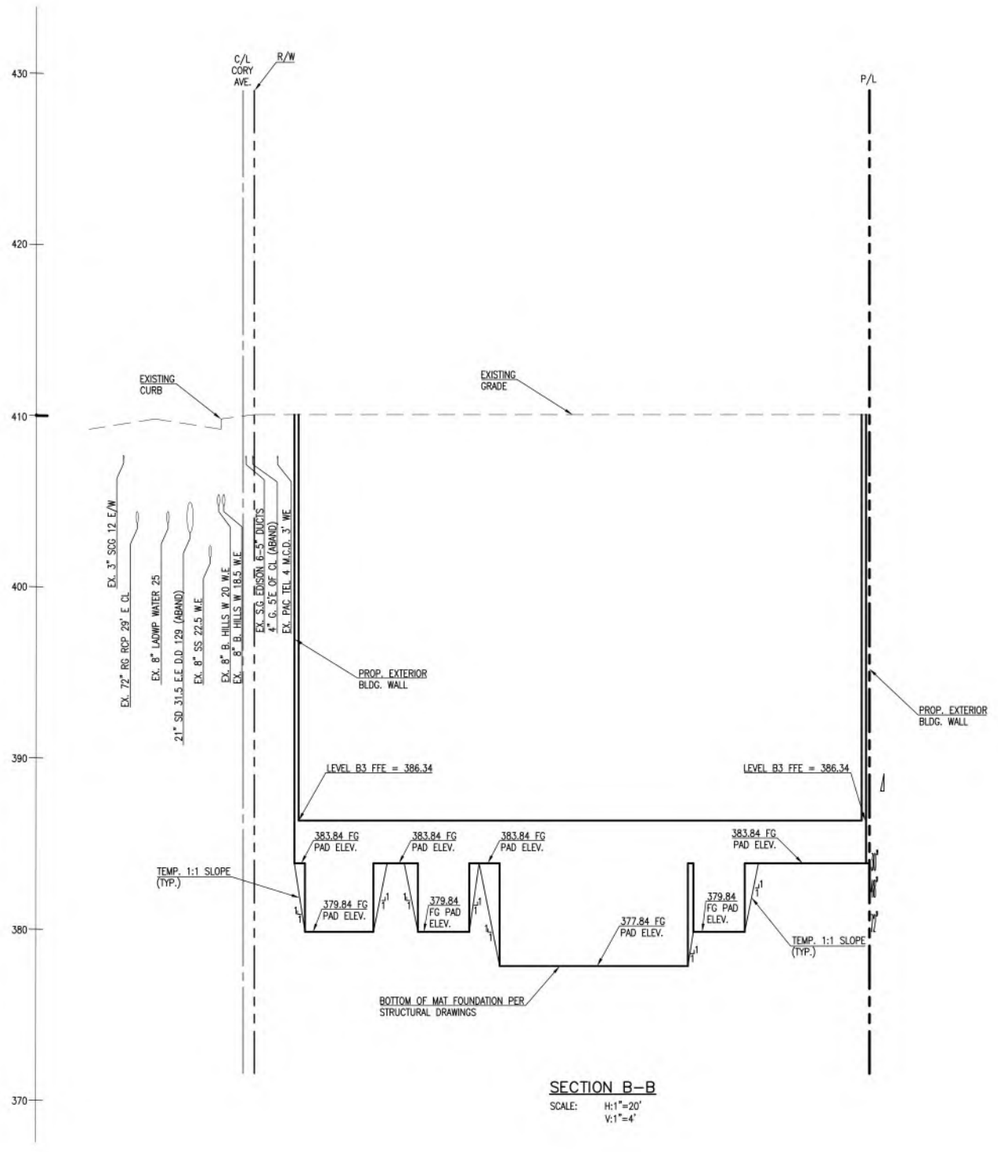
C2.00

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SECTION A–A

SCALE: H:1"=20'
V:1"=4'



SECTION B–B

SCALE: H:1"=20'
V:1"=4'

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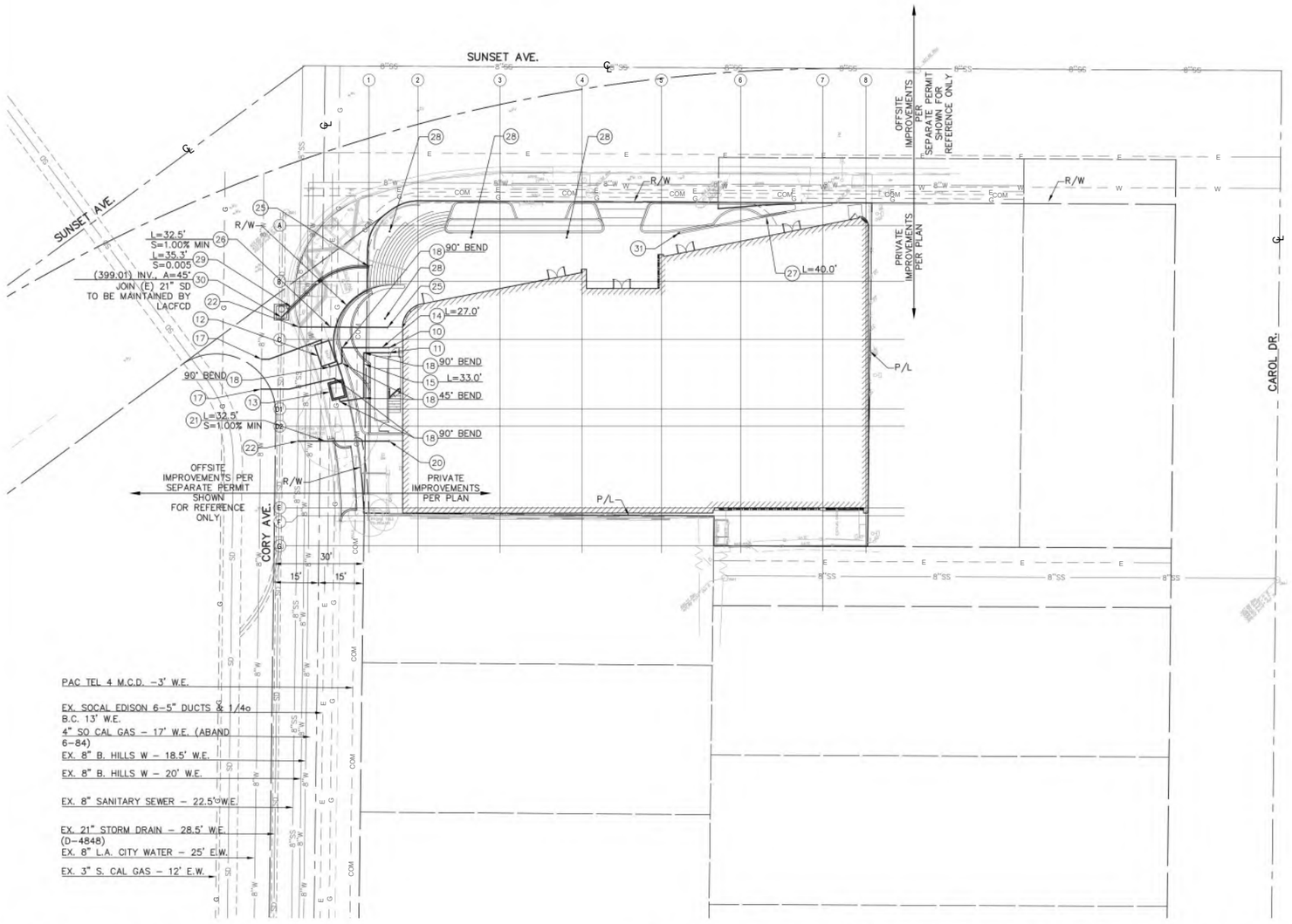
Project Number
05.2543.000

Description
GRADING SECTIONS AND DETAILS

Scale
AS NOTED

C2.10

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LEGEND:

- PROPOSED RIGHT–OF–WAY
- EXISTING RIGHT–OF–WAY
- EXISTING BUILDING OUTLINE
- PROPOSED BUILDING OUTLINE
- STREET CENTER LINE
- EXISTING CURB
- 8"SS PROPOSED SANITARY SEWER
- 4"W PROPOSED POTABLE WATER
- 6"FW PROPOSED FIRE WATER
- SD PROPOSED STORM DRAIN
- 8"SS EXISTING SANITARY SEWER
- 8"W EXISTING POTABLE WATER
- G EXISTING GAS LINE
- COM EXISTING COMMUNICATION LINE
- E EXISTING ELECTRIC LINE

WATER CONSTRUCTION NOTES:

(10) JOIN DOMESTIC WATER STUB–OUT PER PLUMBING PLAN.
(11) JOIN FIRE WATER STUB–OUT PER PLUMBING PLAN.
(12) 3" EQ. DOMESTIC WATER METER AND SERVICE CONNECTION TO STREET TO BE INSTALLED BY LADWP PER SEPARATE PERMIT.
(13) 6" FIRE WATER METER AND SERVICE CONNECTION TO STREET TO BE INSTALLED BY LADWP PER SEPARATE PERMIT.
(14) INSTALL 4" D.I. DOMESTIC WATER PIPE. LENGTH PER PLAN.
(15) INSTALL 6" C–900 CLASS 150 P.V.C. FIRE WATER PIPE. LENGTH PER PLAN.
(16) INSTALL FIRE WATER REDUCED PRESSURE BACK FLOW PREVENTER.
(17) CONNECT TO EXISTING 8" WATER LINE.
(18) INSTALL BEND, ANGLE PER PLAN. MATERIAL TYPE PER ADJACENT PIPES.

SEWER CONSTRUCTION NOTES:

(20) CONNECT SEWER STUB–OUT PER PLUMBING PLAN.
(21) CONSTRUCT 8" SEWER PIPE. LENGTH AND SLOPE PER PLAN.
(22) CONNECT TO EXISTING 8" SEWER.

STORM DRAIN CONSTRUCTION NOTES:

(25) JOIN STORM DRAIN STUB–OUT PER PLUMBING PLAN.
(26) CONSTRUCT 8" PVC STORM DRAIN LINE PER PLAN.
(27) INSTALL 6" WIDE TRENCH DRAIN WITH HEELPROOF LID.
(28) INSTALL AREA DRAIN. PLUMBING POINT OF CONNECTION. SEE PLUMBING PLAN FOR CONTINUATION
(29) INSTALL 12" REINFORCED CONCRETE PIPE (RCP) PER SEPARATE PLANS.
(30) CONSTRUCT PIPE–TO–PIPE JUNCTION STRUCTURE PER SPPWC 321–2.AND PER SEPARATE PLANS.
(31) PLUMBING POINT OF CONNECTION.

UNDERGROUND SERVICE ALERT
CALLTHREE WORKING DAYS
BEFORE YOU DIG:

811 Know what's below. Call before you dig.

20 10 0 20 40
GRAPHIC SCALE: 1"=20'

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West Hollywood, CA 90069

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

△ Date	Description
02/18/2022	50% DESIGN DEVELOPMENT
04/15/2022	DESIGN DEVELOPMENT ISSUANCE
12/23/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

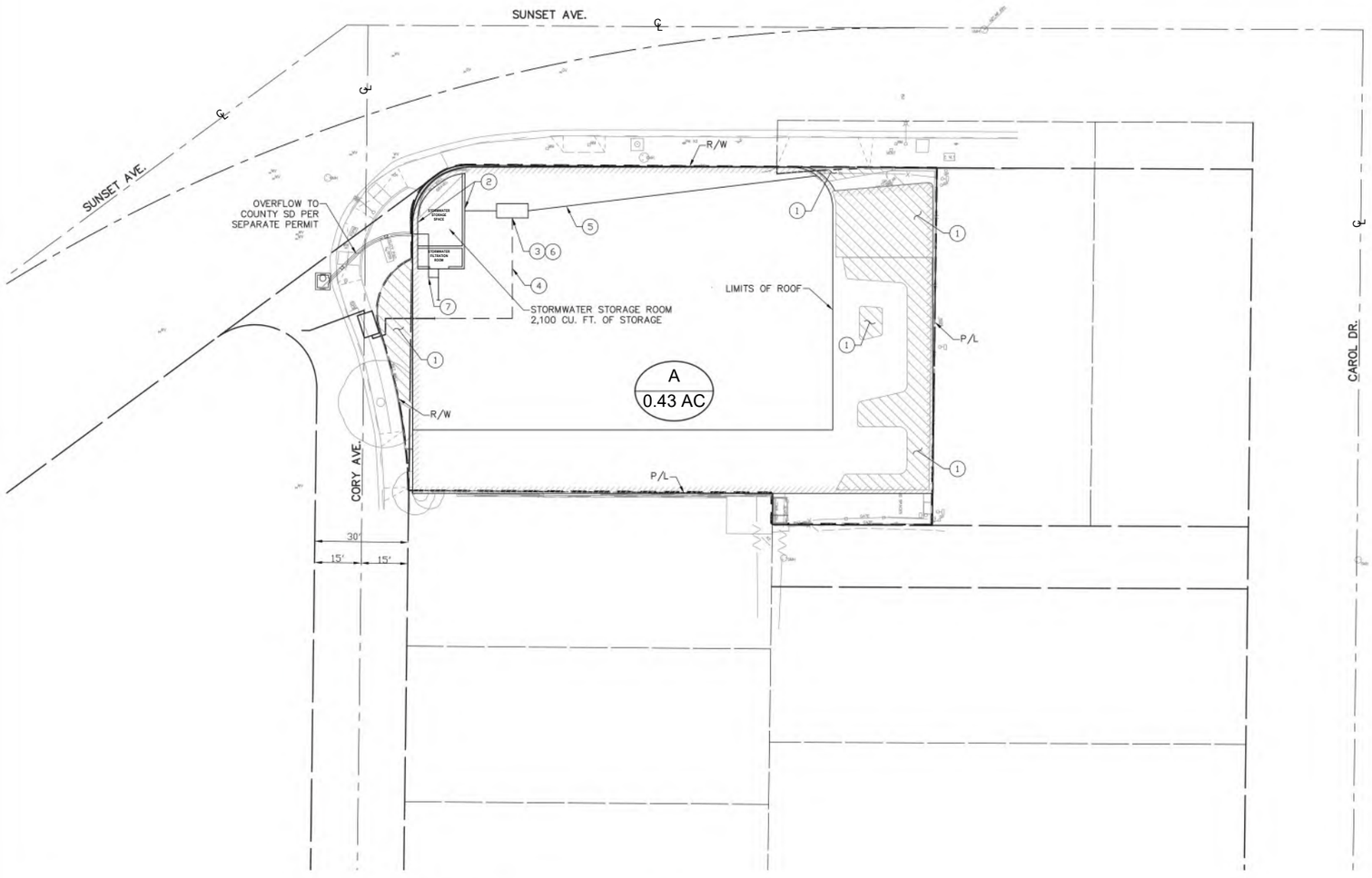
Project Number
05.2543.000

Description
UTILITY PLAN

Scale
1" = 20'

C3.00

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LEGEND / HYDROLOGIC DATA:

- PROPERTY LINE
- DRAINAGE AREA BOUNDARY
- FLOW PATH
- A / 0.43 AC — AREA DESIGNATION AND ACREAGE
- LANDSCAPE AREA

GENERAL NOTES:

1. STENCIL AT ALL DRAINAGE INLETS (I.E. CATCH BASINS, TRENCH DRAINS). STENCIL PER DETAIL 1 HEREON.



DETAIL 1: DRAINAGE INLET STENCIL

NOT TO SCALE

CONSTRUCTION NOTES

1. UNCOVERED LANDSCAPE AREA PER LANDSCAPE PLANS.
2. WATER PROOF RETENTION ROOM IN BASEMENT LEVEL 3 PER ARCHITECT PLAN.
3. CONTROL PANEL AND IRRIGATION PUMP LOCATION AND DESIGN PER PLUMBING PLANS.
4. CITY MAKE-UP SUPPLY LINE FINAL ROUTING PER LANDSCAPE AND PLUMBING PLANS.
5. IRRIGATION WATER SUPPLY LINE TO IRRIGATION SYSTEM.
6. 3-WAY VALVE LOCATION AND DESIGN PER PLUMBING PLANS.
7. OVERFLOW ROUTING PER PLUMBING PLAN FOR SCHEMATIC PURPOSES.

BMP TREATMENT SUMMARY

SUB-AREA	TOTAL AREA (ACRES)	IMPERVIOUS AREA DESCRIPTION	IMPERVIOUS AREA (ACRES)	BMP TYPE	90TH PERCENTILE DESIGN CAPTURE VOLUME DCV (FT^3)	
					REQUIRED	AVAILABLE
AREA A	0.43	ROOF/ AMENTITY TERRACE HARDSCAPE	0.39	CAPTURE AND USE	2,050 CU.FT.	2,055 CU.FT.
TOTAL	0.43	ROOF/ AMENTITY TERRACE HARDSCAPE	0.39	CAPTURE AND USE	2,050 CU.FT.	2,055 CU.FT.

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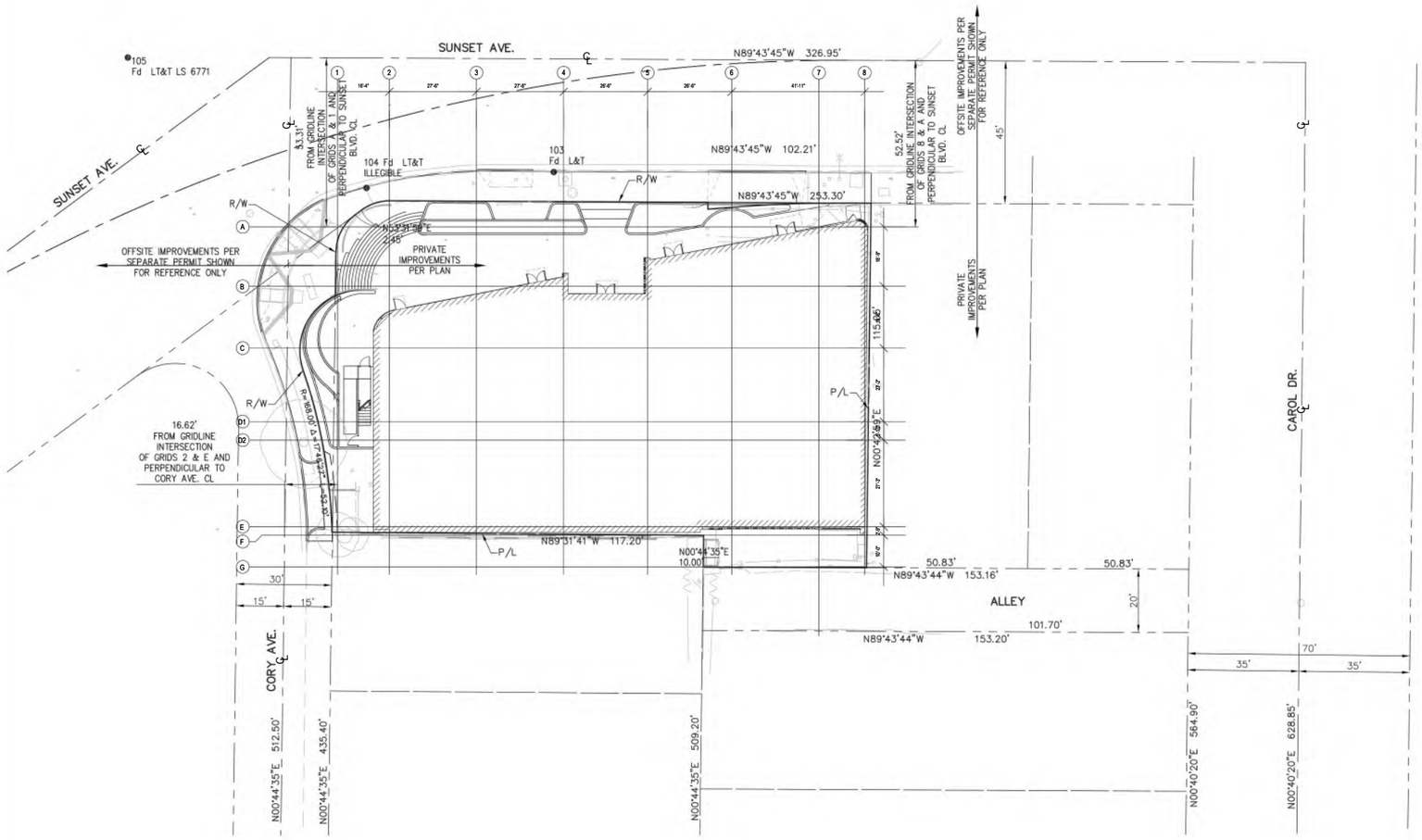
Project Number
05.2543.000

Description
LOW IMPACT DEVELOPMENT PLAN

Scale
1"=20'

C4.00

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LEGEND:

- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING BUILDING OUTLINE
- PROPOSED BUILDING OUTLINE
- STREET CENTER LINE
- EXISTING CURB

BASIS OF BEARING

THE CENTERLINE OF PHYLLIS DRIVE HAVING A BEARING OF NORTH 69°44'40" WEST, AS SHOWN ON RECORD OF SURVEY BOOK 78, PAGE 27, OF MAPS IS SHOWN AS THE RECORD OF SURVEY.

UNDERGROUND SERVICE ALERT
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BEFORE YOU DIG:

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	02/17/2023	PLAN CHECK SUBMISSION

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Project Name
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Project Number
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Description
HORIZONTAL CONTROL PLAN

Scale
1" = 20'

C5.00

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TOTAL PROJECT AREA:

0.47 ACRES

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES*

*DETAILED IN THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK – CONSTRUCTION. DECEMBER 2019

EROSION CONTROL
EC–1 SCHEDULING

SEDIMENT CONTROL
SE–1 SILT FENCE
SE–6 GRAVEL BAG BERM
SE–7 STREET SWEEPING AND VACUUMING
SE–10 STORM DRAIN INLET PROTECTION

TRACKING CONTROL
TC–1 STABILIZED CONSTRUCTION ENTRANCE/EXIT

WIND EROSION CONTROL
WE–1 WIND EROSION CONTROL

NON–STORM WATER CONTROL
NS–1 WATER CONSERVATION PRACTICES
NS–3 PAVING AND GRINDING OPERATIONS
NS–6 ILLICIT CONNECTION/ILLEGAL DISCHARGE DETECTION AND REPORTING
NS–8 VEHICLE AND EQUIPMENT CLEANING
NS–9 VEHICLE AND EQUIPMENT FUELING
NS–10 VEHICLE AND EQUIPMENT MAINTENANCE
NS–11 PILE DRIVING OPERATION

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
WM–1 MATERIAL DELIVERY AND STORAGE
WM–2 MATERIAL USE
WM–3 STOCKPILE MANAGEMENT
WM–4 SPILL AND PREVENTION CONTROL
WM–5 SOLID WASTE MANAGEMENT
WM–6 HAZARDOUS WASTE MANAGEMENT
WM–8 CONCRETE WASTE MANAGEMENT
WM–9 SANITARY/SEPTIC WASTE MANAGEMENT
WM–10 LIQUID WASTE MANAGEMENT

SECTION 2 OF THE CASQA BMP CONSTRUCTION HANDBOOK, DECEMBER 2019, IS PART OF THESE EROSION CONTROL PLANS, INCLUDING BUT NOT LIMITED TO:

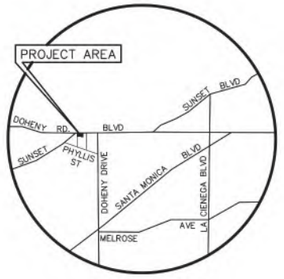
- MINIMUM REQUIREMENTS
- GOOD HOUSEKEEPING PRACTICES
- STAFF TRAINING
- SITE INSPECTIONS
- BMP MONITORING AND MAINTENANCE
- STORMWATER POLLUTION CONTROL DOCUMENTATION

TYPICAL CONSTRUCTION NOTES:

1. IN CASE OF EMERGENCY, CALL _____ AT
2. A STAND–BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON–SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE DEMOLITION OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
4. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
5. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
6. THE PLACEMENT OF ADDITIONAL DEVICES TO CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
7. STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IS REQUESTED BY THE BUILDING OFFICIAL.
8. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON–STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
9. POLLUTANTS MUST BE RETAINED ON–SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA PUMPS, SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
10. STOCKPILES OF CONSTRUCTION–RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
11. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
12. CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPS ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 50% CHANCE OF 0.50 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELD–INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
13. TRASH AND CONSTRUCTION–RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
14. MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
15. AS THE ARCHITECT/ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATE BMPS TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES OF STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPS MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE BMPS ARE NOT SELECTED FOR IMPLEMENTATION ARE REDUNDANT OR DEEMED NOT APPLICABLE TO THE PROPOSED CONSTRUCTION ACTIVITY.
16. CONTRACTOR TO USE OFFSITE OFFICES.

AIR QUALITY/EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PROVIDE REGULAR GROUND WETTING OF GRADED AREAS A MINIMUM OF TWICE DAILY DURING CONSTRUCTION TO CONTROL FUGITIVE DUST EMISSIONS. THE FREQUENCY OF GROUND WETTING SHALL BE INCREASED TO A MINIMUM OF ONCE EVERY TWO HOURS WHEN WIND SPEED EXCEEDS 15 MPH, AVERAGED OVER ONE(1) HOUR, UNLESS OTHERWISE DIRECTED BY THE CITY'S INSPECTOR. PLEASE REFER TO SECTION WE–1 OF THE CALIFORNIA STORMWATER BMP HANDBOOK (DATED JAN 2003) FOR FURTHER INFORMATION ON WIND EROSION CONTROL (ALSO ATTACHED IN THE SWPPP EROSION CONTROL PLAN)
2. THE CONTRACTOR SHALL CEASE ALL CLEARING AND GRADING ACTIVITIES DURING PERIODS OF HIGH WINDS (GREATER THAN 20 MILES PER HOUR, AVERAGED OVER ONE(1) HOUR) TO PREVENT EXCESSIVE AMOUNTS OF FUGITIVE DUST.
3. THE CONTRACTOR SHALL SEED AND IRRIGATE ALL PORTIONS OF CONSTRUCTION SITES THAT ARE PLANNED TO BE INACTIVE FOR GREATER THAN 90 DAYS IN ORDER TO ESTABLISH A VEGETATIVE COVER, OR CHEMICAL SOIL AMENDMENTS SHALL BE ADDED TO THE SOIL SURFACE TO MINIMIZE WIND EROSION AND DUST.
4. THE CONTRACTOR SHALL WET SILT CONTAINING MATERIAL EXCAVATED, STOCKPILED OR TRANSPORTED DURING CONSTRUCTION AT LEAST TWICE EACH DAY.
5. THE CONTRACTOR SHALL LIMIT ON–SITE CONSTRUCTION VEHICLE SPEED TO 15 MILES PER HOUR IN UNPAVED AREAS.
6. THE CONTRACTOR SHALL CAUSE TRUCKS TRANSPORTING EARTH MATERIAL OFF–SITE TO COMPLY WITH STATE VEHICLE CODE SECTION 23114, WITH SPECIAL ATTENTION TO SECTION 23114 (B)(F), AND (E)(4), AS AMENDED.
7. THE CONTRACTOR SHALL HAVE ROADWAYS, SIDEWALKS AND ALLEYS ADJACENT TO THE PROJECT SITE AND ACCESS POINTS TO BE SWEPT AT THE END OF EACH DAY TO REMOVED ACCUMULATED SILT.
8. THE CONTRACTOR SHALL REDUCE THE RISK OF VALLEY FEVER INFECTION BY OFFERING FACE MASK TO ALL PERSONS INVOLVED IN GROUND DISTURBING OPERATIONS.
9. THE CONTRACTOR SHALL SECURE CONSTRUCTION EQUIPMENT, TOOLS, AND MATERIALS BY LOCKING OR PLACING THEM WITHIN LOCKED SHEDS AND/OR OTHER SECURE AREAS WHILE NOT IN USE.



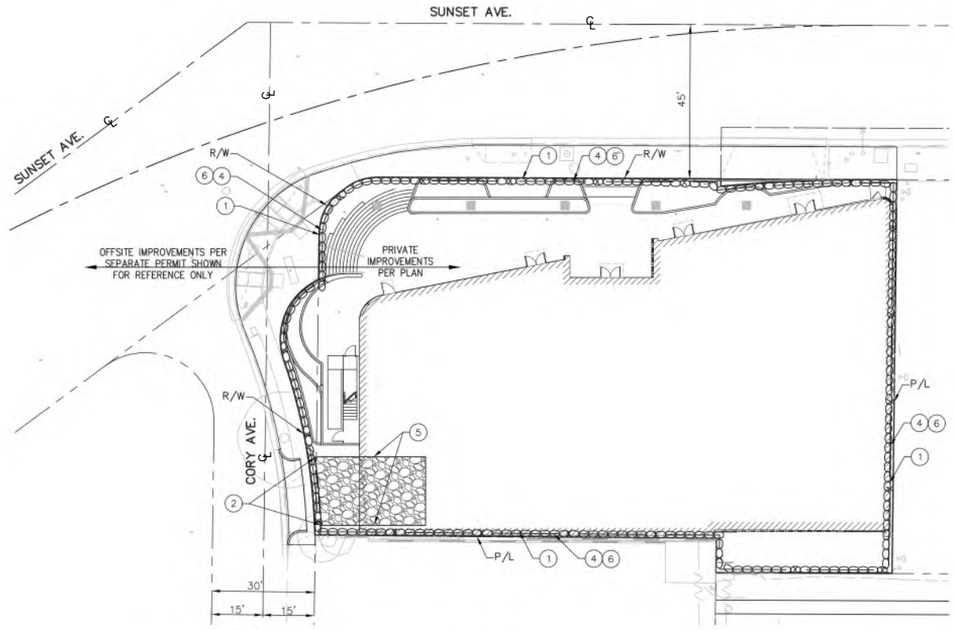
VICINITY MAP
NOT TO SCALE

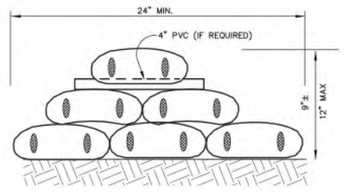
LEGEND:

	EXISTING PROPERTY LINE
	FIRE HYDRANT
AC	ASPHALT CONCRETE
BW	BACK OF WALK
CD	CURB DRAIN
C.L.	FIELD CENTERLINE
DI	DRAIN INLET
EG	EDGE OF GUTTER
EP	EDGE OF PAVEMENT
FF	FINISHED FLOOR
FG	FINISHED GRADE
FS	FINISHED SURFACE
FL	FLOW LINE
G.B.	GRADE BREAK
HP	HIGH POINT
INV	INVERT ELEVATION
L.O.W.	LIMIT OF WORK
TC	TOP OF CURB
TG	TOP OF GRATE
100.0	EXISTING GRADE
100.0	PROPOSED GRADE
	FLOW DIRECTION
	SAND BAGS
x	SILT FENCE

EROSION CONTROL CONSTRUCTION NOTES:

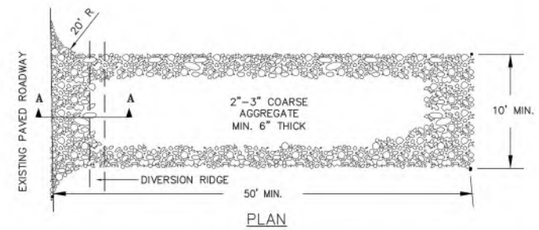
1. INSTALL GRAVEL BAG BERM PER CASQA BMP FACT SHEET SE–6. ALSO SEE DETAIL 1 HEREON.
2. PROJECT SITE STABILIZED CONSTRUCTION ENTRANCE/EXIT PER CASQA BMP FACT SHEET TC–1. ALSO SEE DETAIL 3 HEREON.
3. NOT USED.
4. INSTALL SILT FENCE PER CASQA BMP FACT SHEET SE–1. ALSO SEE DETAIL 2 HEREON.
5. IMPLEMENT STAGING AREA PER CASQA BMP FACT SHEET NS–8 VEHICLE AND EQUIPMENT CLEANING, CASQA BMP FACT SHEET NS–9 VEHICLE AND EQUIPMENT FUELING, CASQA BMP FACT SHEET NS–10 VEHICLE AND EQUIPMENT MAINTENANCE, CASQA BMP FACT SHEET WM–1 MATERIAL DELIVERY AND STORAGE. PRIOR TO MATERIAL DELIVERY AND VEHICLE STORAGE. CONTRACTOR TO ADJUST LOCATION OF AREAS ON–SITE AS NEEDED.
6. CONSTRUCT FENCES OR OTHER PHYSICAL BARRIER TO ACT AS VISUAL AND NOISE BARRIER.



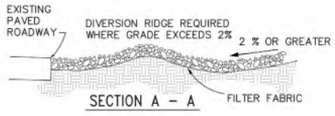


GRAVEL BAG BERM DETAIL
NOT TO SCALE
SEE CA STORMWATER BMP HANDBOOK SE–6

1 GRAVEL BAG BERM DETAIL
NOT TO SCALE



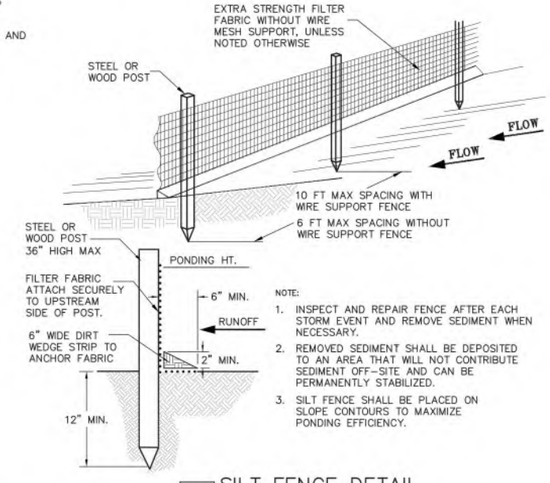
PLAN



SECTION A – A

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS– OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.
3. CONSTRUCT RUMBLE RACKS FROM STEEL PLATES TO HELP REMOVE ADDITIONAL SEDIMENT.

3 STABILIZED CONSTRUCTION ENTRANCE/EXIT TC–1
NOT TO SCALE



NOTE:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF–SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

2 SILT FENCE DETAIL
NOT TO SCALE

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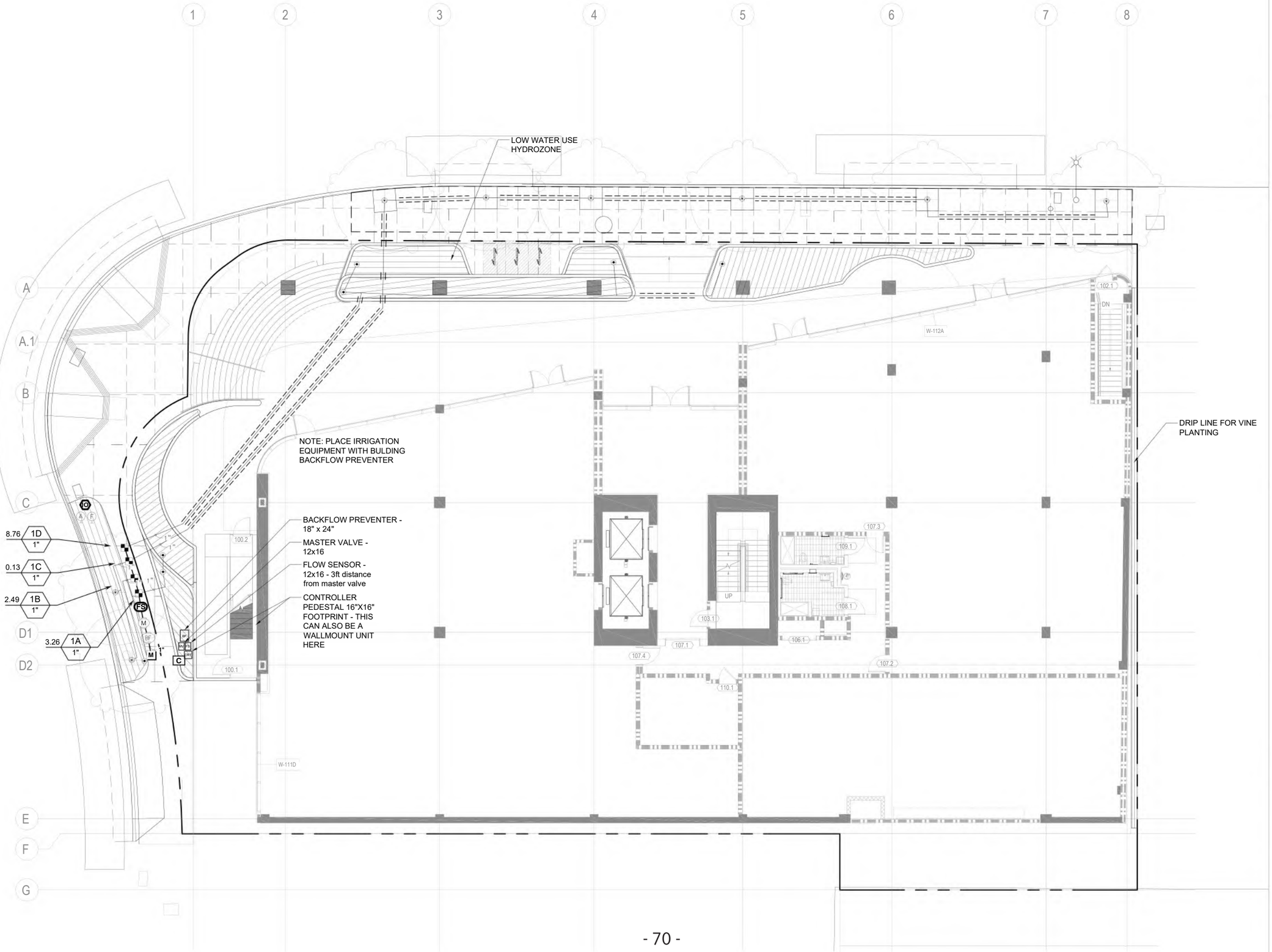
Project Number
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Description
EROSION CONTROL PLAN

Scale
1" = 20'

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Date	Description
03/12/2021	SCHEMATIC DESIGN ISSUANCE
02/18/2022	50% DESIGN DEVELOPMENT
04/01/2022	100% DESIGN DEVELOPMENT
12/07/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

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Project Name

Sunset Jewel Box

Project Number

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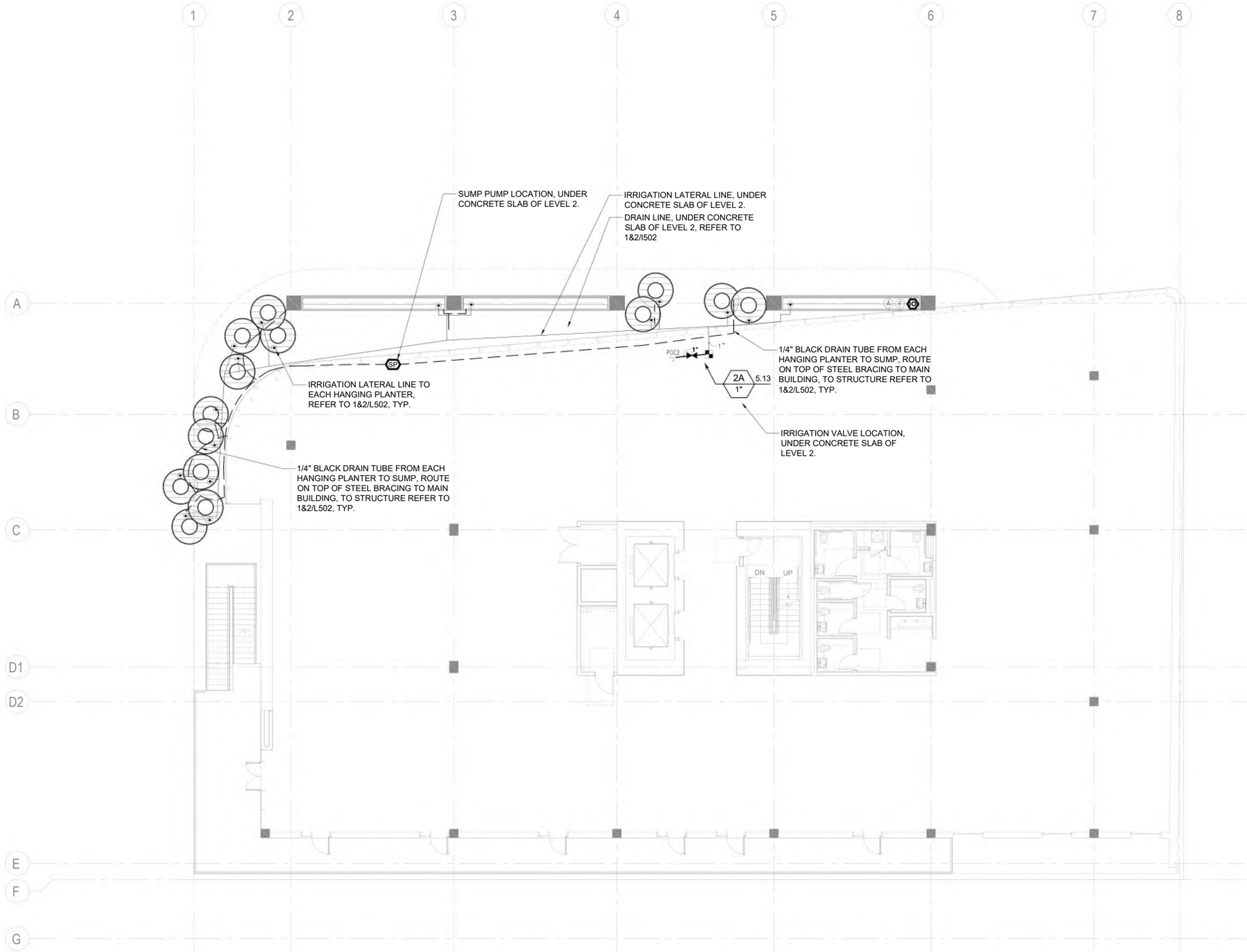
Description

IRRIGATION PLAN - LEVEL 01

Scale

1/8" = 1'-0"

L7.03



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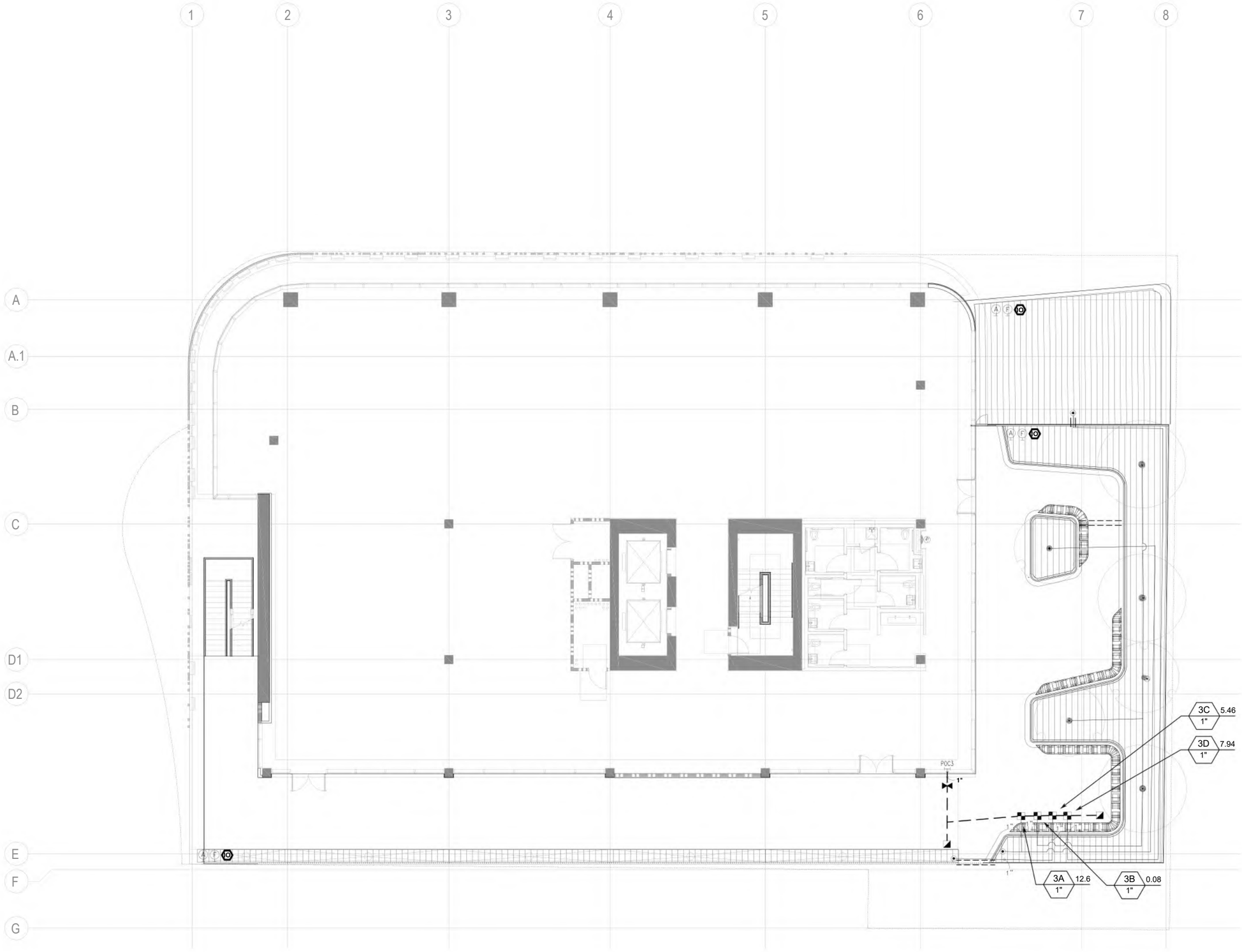
Project Name
Sunset Jewel Box

Project Number
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Description
IRRIGATION PLAN - LEVEL 02
HANGING PLANTERS

Scale
1/8" = 1'-0"

L7.04



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02/17/2023	PLAN CHECK SUBMISSION

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Project Name

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Project Number

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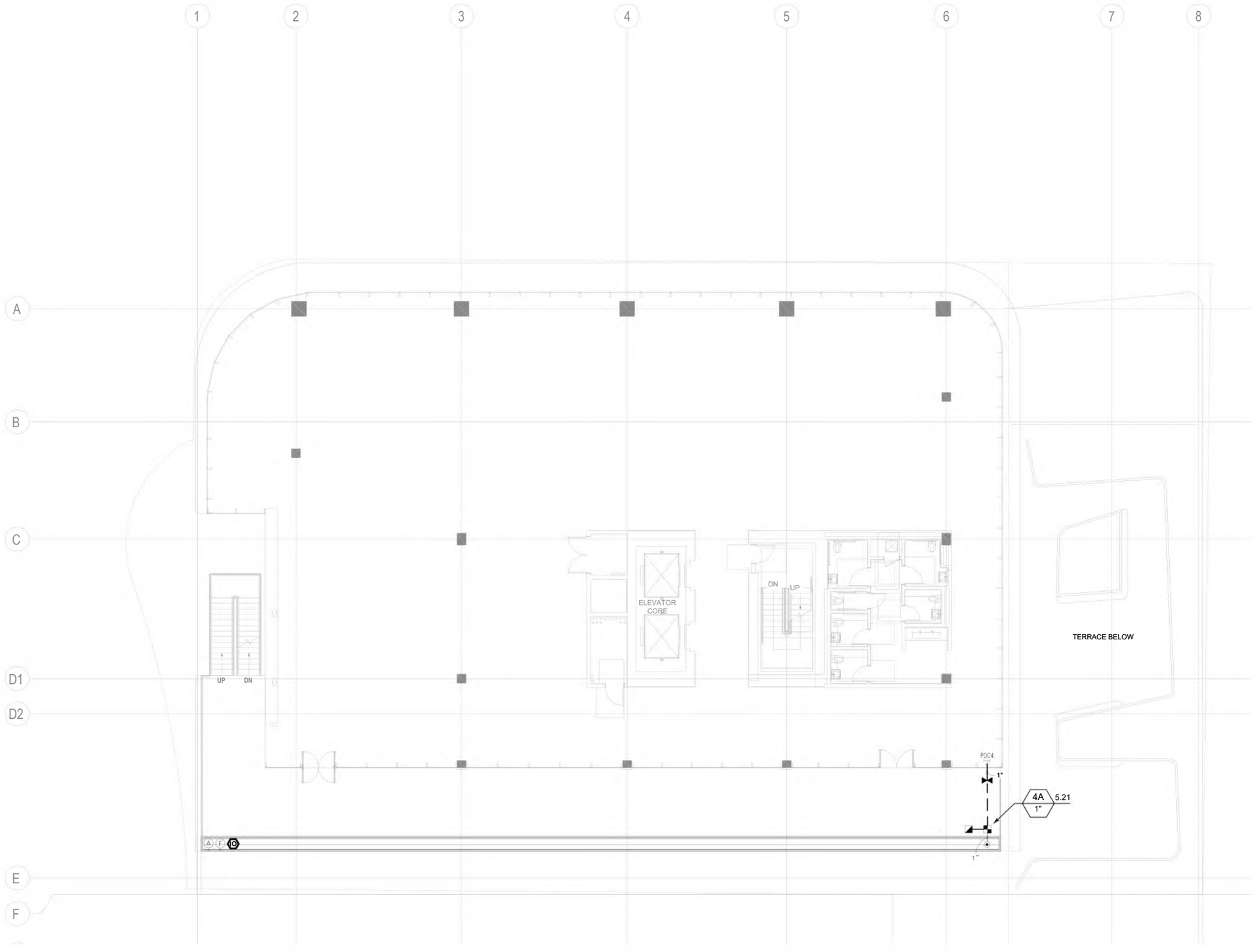
Description

IRRIGATION PLAN - LEVEL 03

Scale

1/8" = 1'-0"

L7.05



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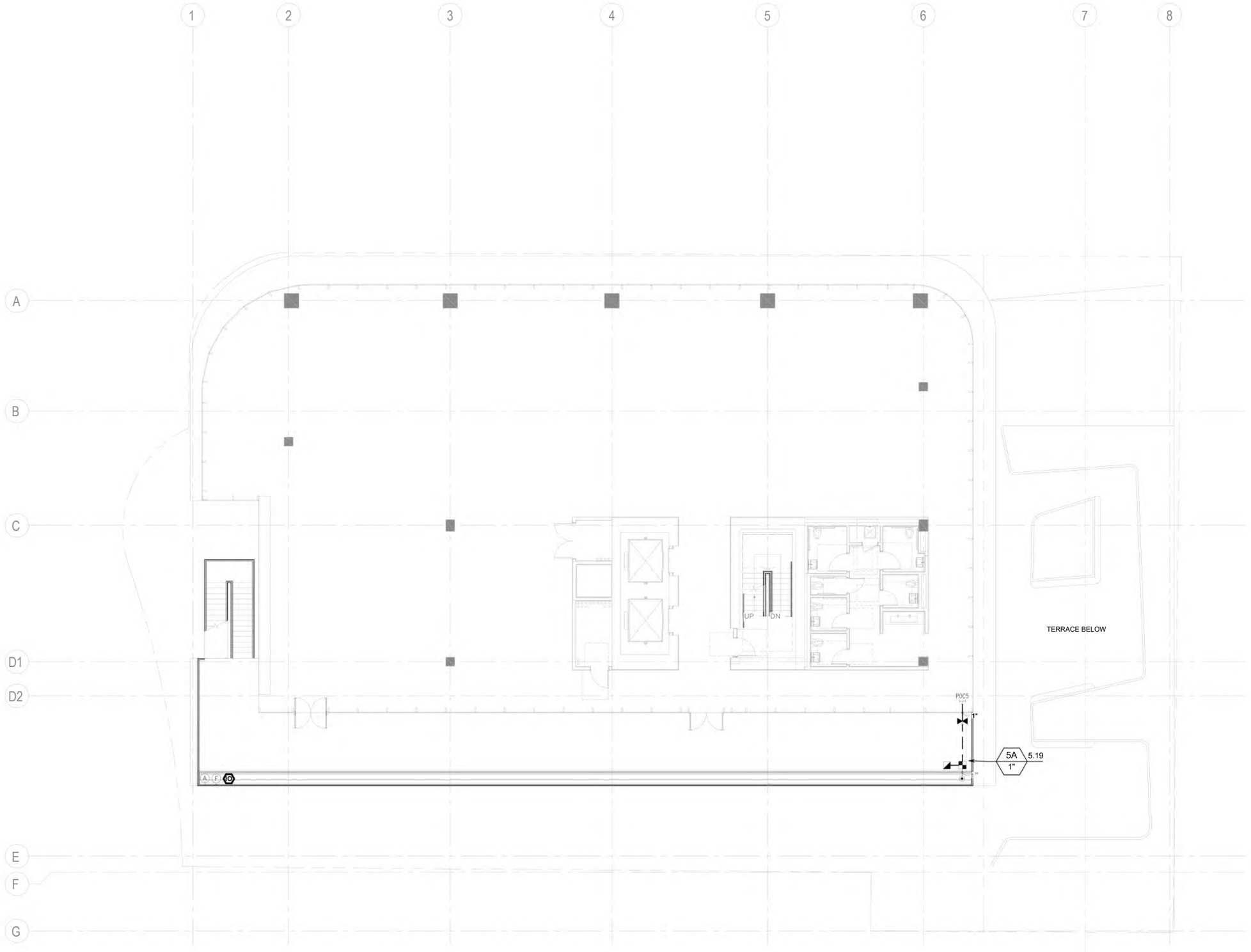
Description

IRRIGATION PLAN - LEVEL 04

Scale

1/8" = 1'-0"

L7.06



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△ Date	Description
03/12/2021	SCHEMATIC DESIGN ISSUANCE
02/18/2022	50% DESIGN DEVELOPMENT
04/01/2022	100% DESIGN DEVELOPMENT
12/07/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Sunset Jewel Box

Project Number

05.2543.000

Description

IRRIGATION PLAN - LEVEL 05

Scale

1/8" = 1'-0"

L7.07

SITEPLAN LEGEND

- EXTENT OF REQUIRED FIRE LANES
- PROPERTY LINE
- 20'-0" — FIRE FIGHTER PATH (ON FOOT)
- 20'-0" — ACCESS ROAD MEASUREMENT
- 20'-0" — FIRE SEPARATION DISTANCE
- QUALIFYING AERIAL APPARATUS ACCESS ROAD
- OTHER FIRE APPARATUS ACCESS ROAD
- FH — FIRE HYDRANT
- FDC — FIRE DEPARTMENT CONNECTION
- (E) — DENOTES EXISTING
- FIRE FIGHTER INGRESS
- +00 FT — ELEVATION INDICATOR

PROJECT DESCRIPTION

PROJECT ADDRESS: 9176 SUNSET BLVD

ASSESSOR'S PARCEL #S: 4340-028-002; 4340-028-010; 4340-028-001

CONSTRUCTION TYPE: TYPE IA

OCCUPANCY GROUP: B (with S-2 Parking Below)

HAZARD SEVERITY: NOT IN A VHFHSZ

SEISMIC CLASSIFICATION: CATEGORY II

FIRE FLOW CALCULATION

The required fire flow for fire hydrants at this location is 1,875 GPM, at 20 psi residual pressure, for a duration of THREE(3) HOURS over and above maximum daily domestic demand. Fire Code 507.3 and Appendix B105.2.

Available Fire flow at 20 PSI exceeds 6,000 gpm at the adjacent hydrants and has been tested for TWO(2) HOURS duration but is expected to have similar performance for THREE(3) HOURS duration.

DETAILS:

The required fire flow is the greater of the automatic sprinkler system demand including hose stream allowance or the required fire flow calculated above. The calculated value is for a NFPA 13 sprinkler protected Type IA building with an area of 127,900 SQFT

SEE DETAILS ON FIRE FLOW AVAILABILITY FORM 196

ALLOWABLE HEIGHT AND AREA

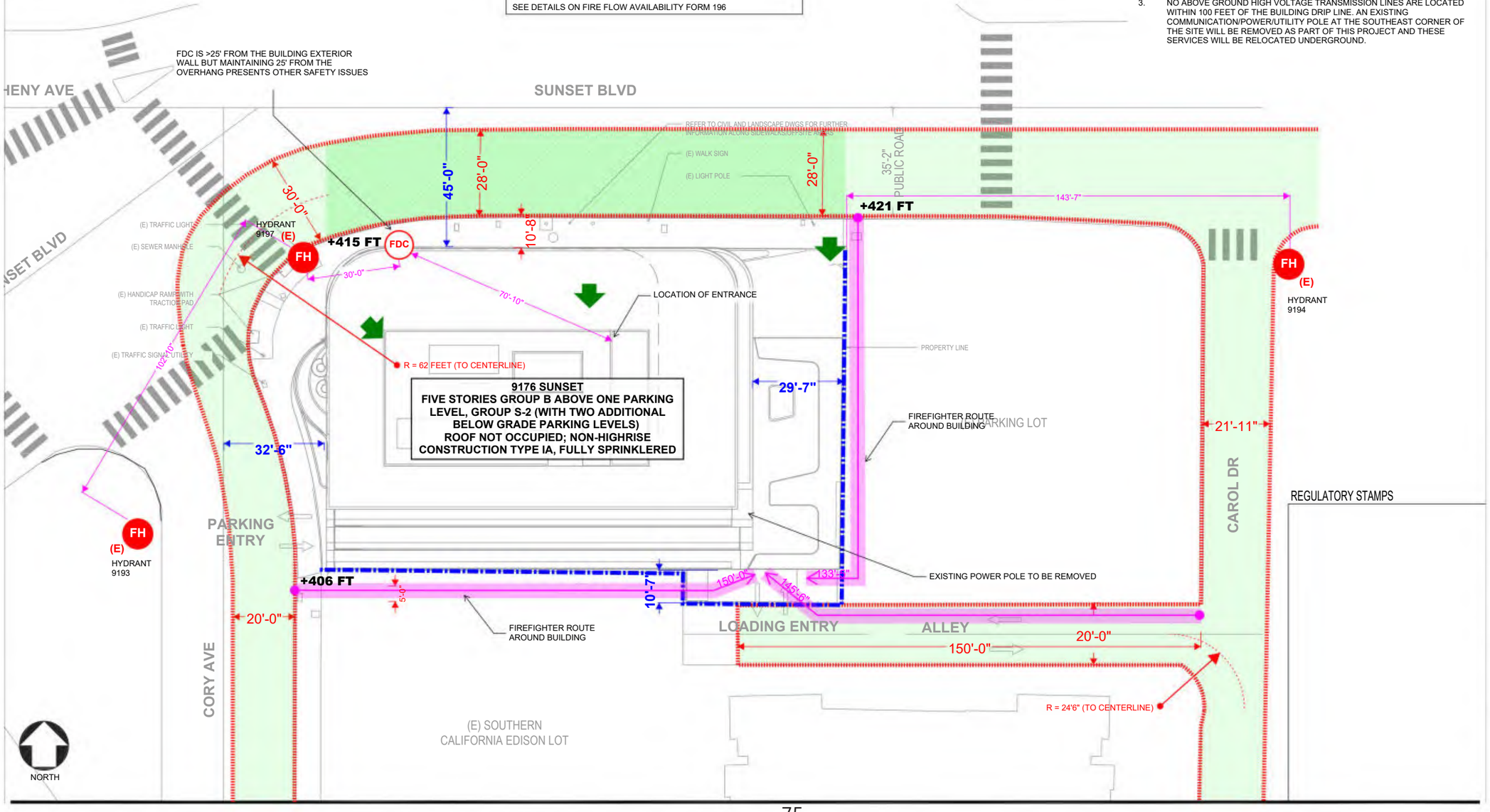
CONSTRUCTION TYPES:	TYPE IA (FULLY SPRINKLERED)
OCCUANCY TYPES:	GROUP B, GROUP S-2
MAX ALLOWABLE HEIGHT AND AREA:	UNLIMITED HEIGHT (PER CBC TABLE 504.3) UNLIMITED STORIES (PER CBC TABLE 504.4) UNLIMITED AREA (PER CBC TABLE 506.2)
PROPOSED BUILDING HEIGHT:	BUILDING HEIGHT IN FEET = 81 FEET HEIGHT IN STORIES = SIX (6)
PROPOSED BUILDING AREA:	BUILDING AREA = 50,300 SQ FT. BUILDING AREA OF LARGEST STORY = 12,300 SQ FT. (LEVEL 01)

LA COUNTY NOTES

1. REQUIRED FIRE ACCESS ROAD TO BE OPEN-TO-SKY OR HAVE 13'-6" MINIMUM VERTICAL CLEARANCE TO TREES ABOVE. (SEE LACFC 503.2.1)
2. PROVIDE 28' WIDE AERIAL APPARATUS ROAD "IN THE IMMEDIATE VICINITY OF THE BUILDING"; AS APPLIED THIS MEANS 10'-20' FROM THE EXTERIOR WALL (SEE LACFC 503.2.1.2.2)
3. FIRE APPARATUS ACCESS ROAD SHALL NOT EXCEED 15% GRADE. (SEE LACFC 503.2.7)
4. FIRE DEPARTMENT ACCESS ROADS MUST BE INSTALLED AND MAINTAINED IN A SERVICABLE MANOR PRIOR TO AND DURING THE TIME OF CONSTRUCTION (FIRE CODE 510.4).
5. FIRE DEPARTMENT CONNECTION WILL BE ON ADDRESS SIDE AND LOCATED AT LEAST 25 FEET FROM THE BUILDING WHILE REMAINING WITHIN 150 FEET OF AT LEAST ONE FIRE HYDRANT.

SHEET NOTES

1. AREAS ALONG THE SOUTH WALL OF THE BUILDING WILL REQUIRE SPECIFIC FIRE DEPARTMENT APPROVAL WHERE DISTANCE FROM THE FIRE VEHICLE ACCESS TO THE BUILDING EXTERIOR EXCEEDS 150 FEET. (SEE LACFC 503.1.1)
2. REQUIREMENT FOR AERIAL APPARATUS IS MET ON SUNSET BLVD. CORY AVE COULD ALSO QUALIFY IF REQUIRED BY LACFD. BOTH STREETS HAVE AMPLE WIDTH FOR FIRE TRUCK USE.
3. NO ABOVE GROUND HIGH VOLTAGE TRANSMISSION LINES ARE LOCATED WITHIN 100 FEET OF THE BUILDING DRIP LINE. AN EXISTING COMMUNICATION/POWER/UTILITY POLE AT THE SOUTHEAST CORNER OF THE SITE WILL BE REMOVED AS PART OF THIS PROJECT AND THESE SERVICES WILL BE RELOCATED UNDERGROUND.



REGULATORY STAMPS

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02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

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Project Name
9176 SUNSET

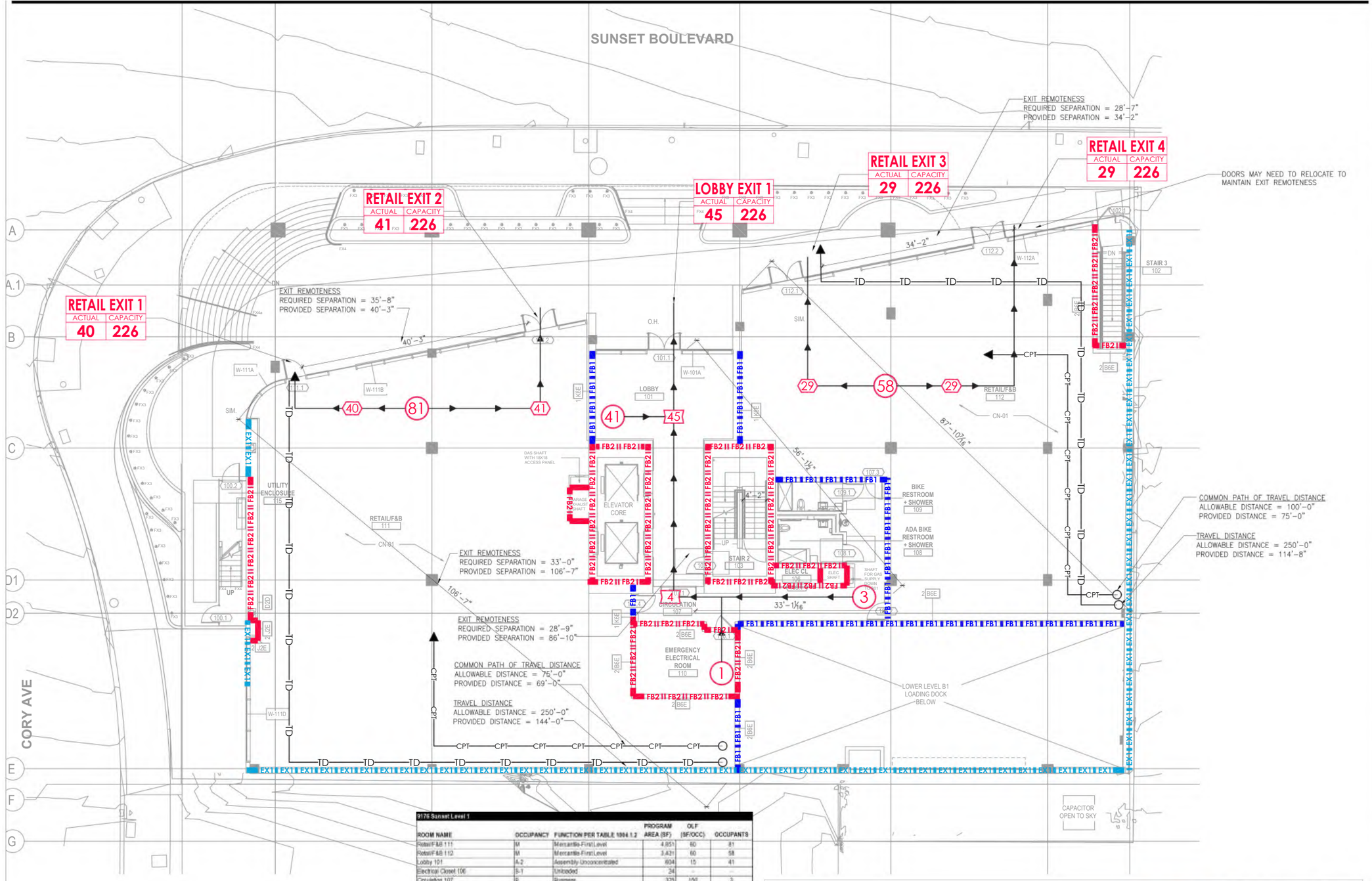
Project Number
05.2543.000

Description
SITE PLAN-PROPOSED

Scale
1/16" = 1'-0"

LS1.100

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9176 Sunset Level 1					
ROOM NAME	OCCUPANCY	FUNCTION PER TABLE 1004.1.2	PROGRAM AREA (SF)	OLF (SF/OCC)	OCCUPANTS
Retail/F&B 111	M	Mercantile-First Level	4,851	60	81
Retail/F&B 112	M	Mercantile-First Level	3,421	60	58
Lobby 101	A-2	Assembly-Unconcentrated	694	15	47
Electrical Closet 106	S-1	Unloaded	24	--	--
Circulation 107	B	Business	325	150	3
ADA Bike Restroom + Shower 108	B	Unloaded	86	--	--
Bike Restroom + Shower 109	B	Unloaded	99	--	--
Emergency Electrical Room 110	S-1	Utility	210	300	1
Lower Level B1 Loading Dock	S-2	Unloaded	1,649	--	--
Total					184

EXITS											
EXIT/EXIT ACCESS COMPONENT	EXIT FUNCTION	STAIR WIDTH (IN)	FACTOR (IN/OCC)	CAPACITY (OCC)	REQ. STAIR WIDTH (IN)	DOOR WIDTH (IN)	DOOR/RAMP FACTOR (IN/OCC)	DOOR/RAMP CAPACITY (OCC)	REQUIRED CAPACITY (IN)	GOVERNING CAPACITY	ACTUAL USE
RETAIL EXIT 1	EXIT	--	--	--		36	0.15	226	32	226	40
RETAIL EXIT 2	EXIT	--	--	--		72	0.15	453	32	226	41
RETAIL EXIT 3	EXIT	--	--	--		72	0.15	453	32	453	29
RETAIL EXIT 4	EXIT	--	--	--		72	0.15	453	32	453	29
STAIR 2	EXIT	--	--	--		72	0.15	453	32	453	45
		TOTAL			TOTAL	TOTAL			TOTAL	TOTAL	TOTAL
						324			160	1,811	184

FIRE RATINGS AND EXITING CALCULATIONS LEGEND

- XX — ORIGINATING OCCUPANT LOAD
- XX — AGGREGATE OCCUPANT LOAD
- XX — SPLIT OCCUPANT LOAD
- DIRECTIONAL INDICATOR
- CPT — COMMON PATH OF EGRESS
- TD 243' — TRAVEL DISTANCE
- LENGTH OF TRAVEL IN FEET

STAIR NO 1 — EXIT ID
ACTUAL USE: ACTUAL 85 | CAPACITY 453 — LIMITING CAPACITY

**SEE LABC TABLE 705.8 FOR SUMMARY OF ALLOWABLE UNPROTECTED OPENINGS

- SB SB SB SB — 1 HOUR SMOKE BARRIER PER LABC 709 20 MINUTE OPENINGS PER LABC 716.1
- SB1 SB1 SB1 — 1 HOUR SMOKE BARRIER PER LABC 709 45 MINUTE OPENINGS PER LABC 716.1
- FP FP FP FP — 1 HOUR FIRE PARTITION PER LABC 708 20 MINUTE OPENINGS PER LABC 716.1
- FB1 FB1 FB1 — 1 HOUR FIRE BARRIER PER LABC 707 60 MINUTE OPENINGS PER LABC 716.1
- FB2 FB2 FB2 — 2 HOUR FIRE BARRIER PER LABC 707 90 MINUTE OPENINGS PER LABC 716.1
- FB3 FB3 — 3 HOUR FIRE BARRIER PER LABC 707 3 HOUR OPENINGS PER LABC 716.1
- EX1 EX1 EX1 — 1 HOUR EXTERIOR WALL PER CBC 705 ALLOWABLE UNPROTECTED OPENINGS PER LABC TABLES 602 AND 705.8**

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Seal / Signature

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9176 SUNSET

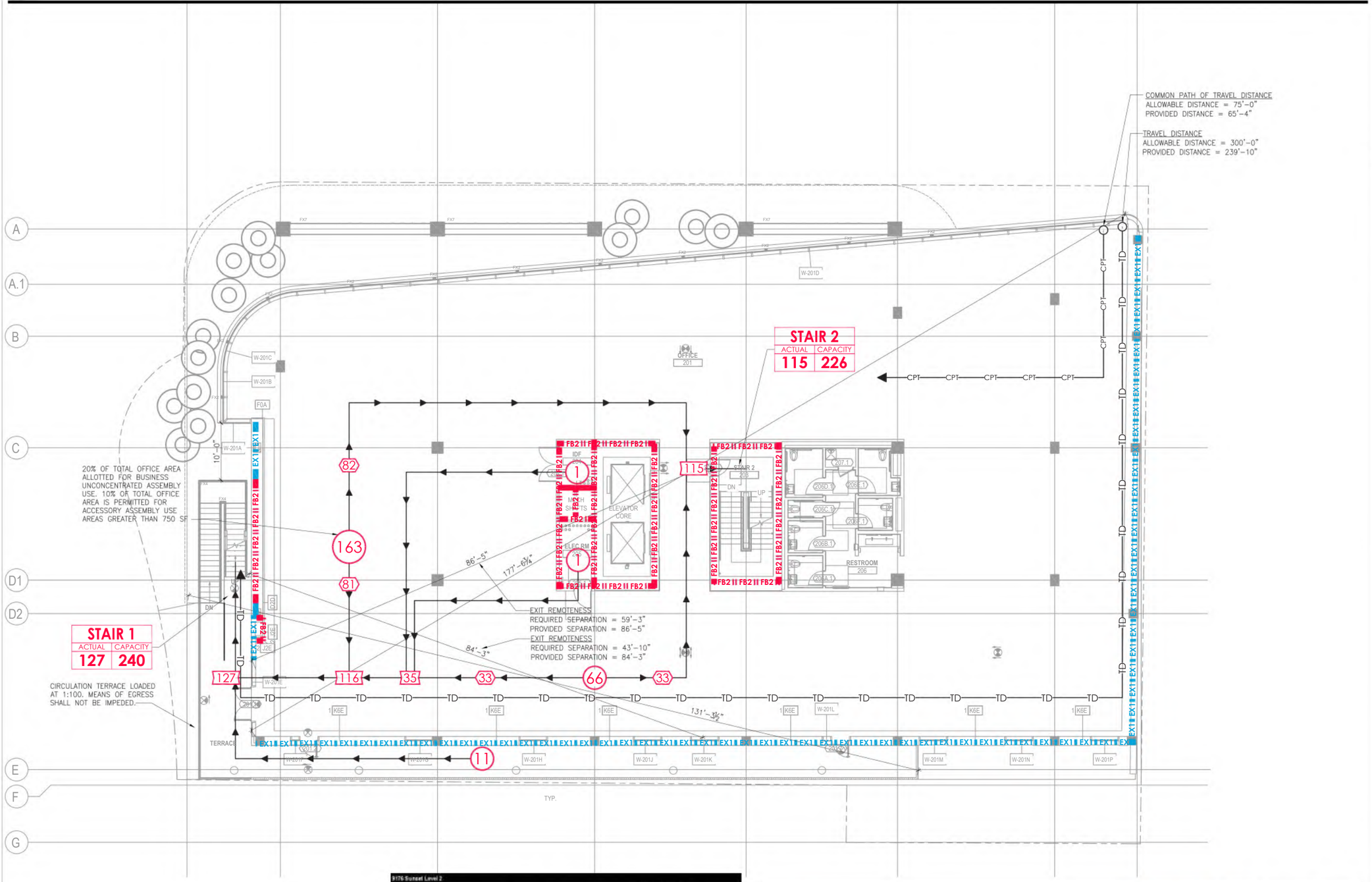
Project Number
05.2543.000

Description
LIFE SAFETY EXITING PLAN
LEVEL 01

Scale
1/8" = 1'-0"

LS1.203

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9176 Sunset Level 2					
ROOM NAME	OCCUPANCY	FUNCTION PER TABLE 1004.1.2	PROGRAM AREA (SF)	OLF (SF/OCC)	OCCUPANTS
Office (80% of Total Office Area) 201	B	Business	9,708	150	65
Office Assembly Space (20% of Total Office Area)	A-2	Assembly-Unconcentrated	2,442	15	163
IDF Room 204	S-1	Utility	86	300	1
Electric Room 205	S-1	Utility	96	300	1
Terrace 206	B	Circulation	1,063	100	11
Total					242

EXITS										
EXIT/EXIT ACCESS COMPONENT	EXIT FUNCTION	WIDTH (IN)	FACTOR (IN/OCC)	CAPACITY (OCC)	REQ. STAIR WIDTH (IN)	DOOR WIDTH (IN)	DOOR/RAMP FACTOR (IN/OCC)	DOOR/RAMP CAPACITY (OCC)	REQUIRED CAPACITY (IN)	GOVERNING CAPACITY	ACTUAL USE
STAIR 1	EXIT ACCESS	48	0.2	240	44	72	0.15	453	32	240	127
STAIR 2	EXIT ACCESS	44	0.2	226	44	36	0.15	226	32	226	115
		TOTAL			TOTAL	TOTAL			TOTAL	TOTAL	TOTAL
						108			64	466	242

FIRE RATINGS AND EXITING CALCULATIONS LEGEND

- XX — ORIGINATING OCCUPANT LOAD
- XX — AGGREGATE OCCUPANT LOAD
- XX — SPLIT OCCUPANT LOAD
- DIRECTIONAL INDICATOR
- CPT — COMMON PATH OF EGRESS
- TD 243' — TRAVEL DISTANCE / LENGTH OF TRAVEL IN FEET

STAIR NO 1 — ACTUAL USE: ACTUAL 85 | CAPACITY 453 (EXIT ID / LIMITING CAPACITY)

**SEE LABC TABLE 705.8 FOR SUMMARY OF ALLOWABLE UNPROTECTED OPENINGS

- SB SB SB SB — 1 HOUR SMOKE BARRIER PER LABC 709 20 MINUTE OPENINGS PER LABC 716.1
- SB1 SB1 SB1 SB1 — 1 HOUR SMOKE BARRIER PER LABC 709 45 MINUTE OPENINGS PER LABC 716.1
- FP FP FP FP — 1 HOUR FIRE PARTITION PER LABC 708 20 MINUTE OPENINGS PER LABC 716.1
- FB1 FB1 FB1 FB1 — 1 HOUR FIRE BARRIER PER LABC 707 60 MINUTE OPENINGS PER LABC 716.1
- FB2 FB2 FB2 FB2 — 2 HOUR FIRE BARRIER PER LABC 707 90 MINUTE OPENINGS PER LABC 716.1
- FB3 FB3 FB3 FB3 — 3 HOUR FIRE BARRIER PER LABC 707 3 HOUR OPENINGS PER LABC 716.1
- EX1 EX1 EX1 EX1 — 1 HOUR EXTERIOR WALL PER CBC 705 ALLOWABLE UNPROTECTED OPENINGS PER LABC TABLES 602 AND 705.8**

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Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

Project Number
05.2543.000

Description
LIFE SAFETY EXITING PLAN
LEVEL 02

Scale
1/8" = 1'-0"

LS1.204

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COMMON PATH OF TRAVEL DISTANCE (BUSINESS)
ALLOWABLE DISTANCE = 75'-0"
PROVIDED DISTANCE = 65'-4"

TRAVEL DISTANCE (BUSINESS)
ALLOWABLE DISTANCE = 300'-0"
PROVIDED DISTANCE = 233'-3"

FINAL FX11 FIXTURE SELECTION AND LAYOUTS TBD.

COMMON PATH OF TRAVEL DISTANCE ASSEMBLY
ALLOWABLE DISTANCE = 75'-0"
PROVIDED DISTANCE = 21'-0"

20% OF TOTAL OFFICE AREA ALLOTTED FOR BUSINESS UNCONCENTRATED ASSEMBLY USE. 10% OF TOTAL OFFICE AREA IS PERMITTED FOR ACCESSORY ASSEMBLY USE AREAS GREATER THAN 750 SF.

OFFICE 301

TERRACE

MINIMUM LANDSCAPE LIGHTING IS PROVIDED FOR TERRACE PER COORDINATION MEETING. ALLOW ADDITIONAL POWER FOR FUTURE TENANT LIGHTING AS NEEDED.

ELEVATOR CORE

STAIR 2 303

RESTROOM 306

ELEC RM 305

MECH SHAFTS

IDF 304

EXIT STAIR 1

ACTUAL	CAPACITY
212	240

TERRACE LOADED AT 1:15. MEANS OF EGRESS SHALL NOT BE IMPEDED.

EXIT STAIR 2

ACTUAL	CAPACITY
212	226

EXIT REMOTENESS
REQUIRED SEPARATION = 47'-8"
PROVIDED SEPARATION = 74'-0"

EXIT REMOTENESS
REQUIRED SEPARATION = 60'-6"
PROVIDED SEPARATION = 106'-5"

9176 Sunset Level 3					
ROOM NAME	OCCUPANCY	FUNCTION PER TABLE 1004.1.2	PROGRAM AREA (S/F)	O/F (S/F/OCC)	OCCUPANTS
Office (30% of Total Office Area) 301	B	Business	7,232	150	49
Office Assembly Space (20% of Total Office Area)	A-2	Assembly-Unconcentrated	1,808	15	121
Terrace	A-2	Assembly-Unconcentrated	3,775	15	252
Electric Room 305	S-1	Utility	98	300	1
IDF Room 304	S-1	Utility	98	300	1
Total					424

EXITS											
EXIT/EXIT ACCESS COMPONENT	EXIT FUNCTION	WIDTH (IN)	FACTOR (IN/OCC)	CAPACITY (OCC)	REQ. STAIR WIDTH (IN)	DOOR WIDTH (IN)	DOOR/RAMP FACTOR (IN/OCC)	DOOR/RAMP CAPACITY (OCC)	REQUIRED CAPACITY (IN)	GOVERNING CAPACITY	ACTUAL USE
STAIR 2	EXIT ACCESS	48	0.2	240	44	72	0.15	453	32	240	212
STAIR 3	EXIT ACCESS	44	0.2	220	44	36	0.15	226	32	226	212
		TOTAL			TOTAL	TOTAL			TOTAL	TOTAL	TOTAL
						108			64	466	424

FIRE RATINGS AND EXITING CALCULATIONS LEGEND

XX ORIGINATING OCCUPANT LOAD

XX AGGREGATE OCCUPANT LOAD

XX SPLIT OCCUPANT LOAD

DIRECTIONAL INDICATOR

CPT COMMON PATH OF EGRESS

TD 243 TRAVEL DISTANCE
LENGTH OF TRAVEL IN FEET

STAIR NO 1 — EXIT ID
ACTUAL USE: ACTUAL 85 | CAPACITY 453 — LIMITING CAPACITY

**SEE LABC TABLE 705.8 FOR SUMMARY OF ALLOWABLE UNPROTECTED OPENINGS

SB SB SB SB	1 HOUR SMOKE BARRIER PER LABC 709 20 MINUTE OPENINGS PER LABC 716.1
SB1 SB1 SB1 SB1	1 HOUR SMOKE BARRIER PER LABC 709 45 MINUTE OPENINGS PER LABC 716.1
FP FP FP FP	1 HOUR FIRE PARTITION PER LABC 708 20 MINUTE OPENINGS PER LABC 716.1
FB1 FB1 FB1 FB1	1 HOUR FIRE BARRIER PER LABC 707 60 MINUTE OPENINGS PER LABC 716.1
FB2 FB2 FB2 FB2	2 HOUR FIRE BARRIER PER LABC 707 90 MINUTE OPENINGS PER LABC 716.1
FB3 FB3 FB3	3 HOUR FIRE BARRIER PER LABC 707 3 HOUR OPENINGS PER LABC 716.1
EX1 EX1 EX1	1 HOUR EXTERIOR WALL PER CBC 705 ALLOWABLE UNPROTECTED OPENINGS PER LABC TABLES 602 AND 705.8**

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9176 SUNSET

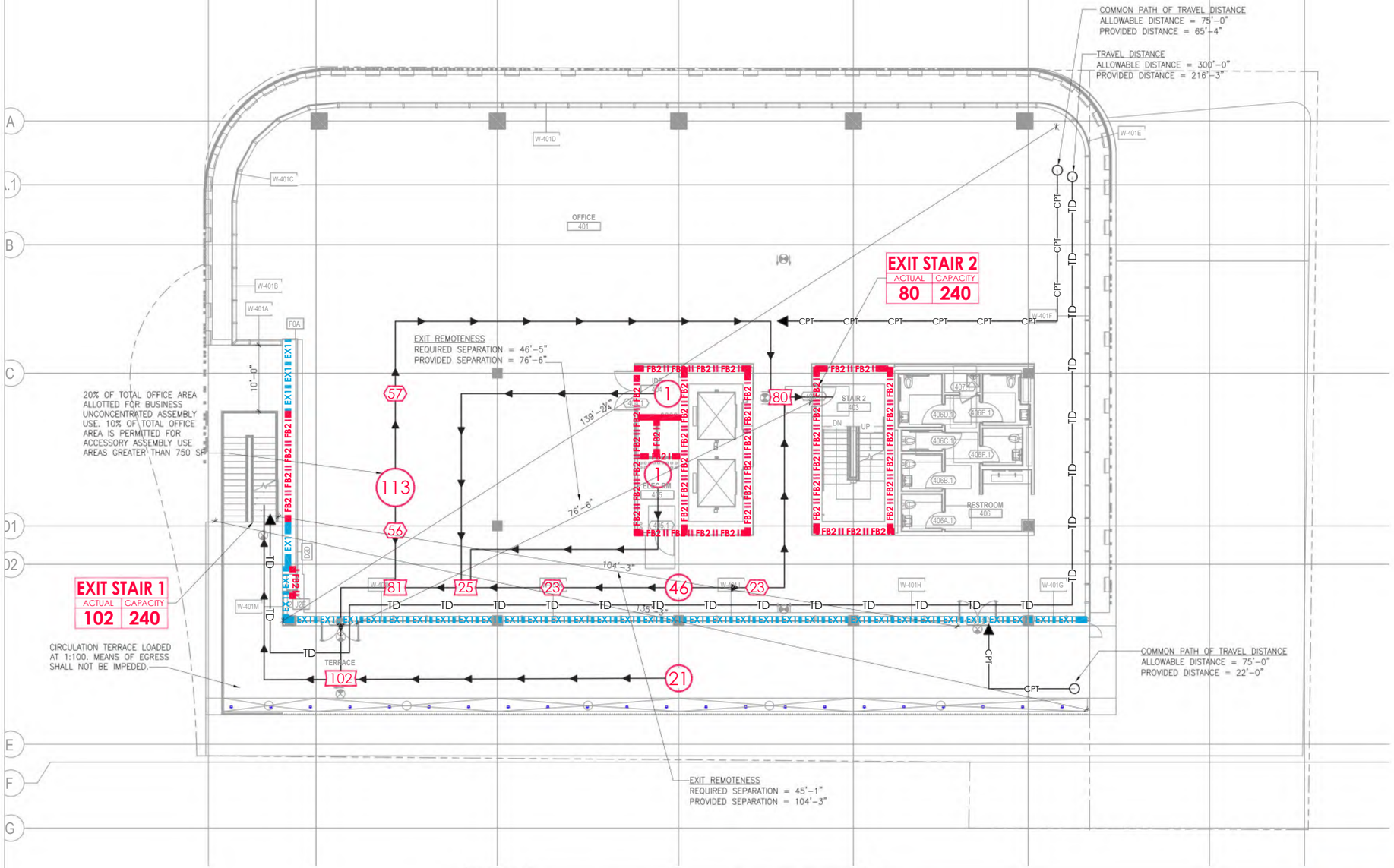
Project Number
05.2543.000

Description
LIFE SAFETY EXITING PLAN
LEVEL 03

Scale
1/8" = 1'-0"

LS1.205

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9176 Sunset Level 4

ROOM NAME	OCCUPANCY	FUNCTION PER TABLE 1004.1.2	PROGRAM AREA (SF)	OLF (SF/OCC)	OCCUPANTS
Electric Room 405	S-1	Utility	98	300	1
IDF Room 404	S-1	Utility	98	300	1
Office (80% of Total Office Area) 401	B	Business	6,771	150	46
Office Assembly Space (20% of Total Office Area)	A-2	Assembly-Unconcentrated	1,693	15	113
Terrace 406	B	Circulation	2,020	100	21
Total					182

EXITS

EXIT EXIT ACCESS COMPONENT	EXIT FUNCTION	STAIR WIDTH (IN)	FACTOR (IN/OCC)	CAPACITY (OCC)	REQ. STAIR WIDTH (IN)	DOOR WIDTH (IN)	DOOR/RAMP FACTOR (IN/OCC)	DOOR/RAMP CAPACITY (OCC)	REQUIRED CAPACITY (IN)	GOVERNING CAPACITY	ACTUAL USE
STAIR 2	EXIT ACCESS	44	0.2	220	44	36	0.15	226	32	226	80
STAIR 1	EXIT ACCESS	48	0.2	240	44	72	0.15	453	32	240	102
	TOTAL				TOTAL	TOTAL			TOTAL	TOTAL	TOTAL
						108			64	466	182

FIRE RATINGS AND EXITING CALCULATIONS LEGEND

- XX — ORIGINATING OCCUPANT LOAD
- XX — AGGREGATE OCCUPANT LOAD
- XX — SPLIT OCCUPANT LOAD
- DIRECTIONAL INDICATOR
- CPT — COMMON PATH OF EGRESS
- TD 243 — TRAVEL DISTANCE / LENGTH OF TRAVEL IN FEET

STAIR NO 1 — EXIT ID
ACTUAL USE — ACTUAL 85 CAPACITY 453 — LIMITING CAPACITY

**SEE LABC TABLE 705.8 FOR SUMMARY OF ALLOWABLE UNPROTECTED OPENINGS

- SB SB SB SB — 1 HOUR SMOKE BARRIER PER LABC 709 / 20 MINUTE OPENINGS PER LABC 716.1
- SB1 SB1 SB1 SB1 — 1 HOUR SMOKE BARRIER PER LABC 709 / 45 MINUTE OPENINGS PER LABC 716.1
- FP FP FP FP — 1 HOUR FIRE PARTITION PER LABC 708 / 20 MINUTE OPENINGS PER LABC 716.1
- FB1 FB1 FB1 FB1 — 1 HOUR FIRE BARRIER PER LABC 707 / 60 MINUTE OPENINGS PER LABC 716.1
- FB2 FB2 FB2 FB2 — 2 HOUR FIRE BARRIER PER LABC 707 / 90 MINUTE OPENINGS PER LABC 716.1
- FB3 FB3 FB3 FB3 — 3 HOUR FIRE BARRIER PER LABC 707 / 3 HOUR OPENINGS PER LABC 716.1
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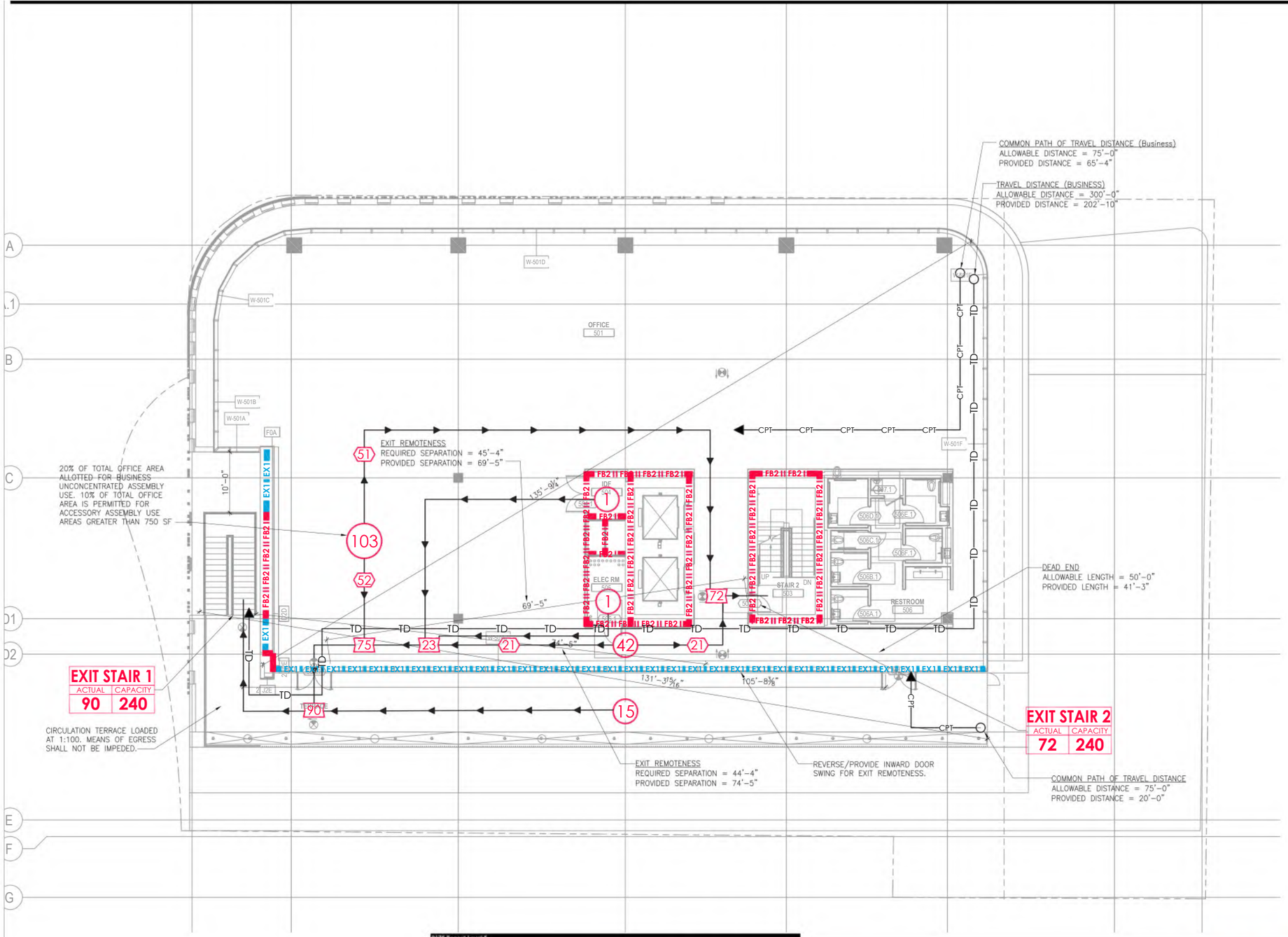
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Description
LIFE SAFETY EXITING PLAN
LEVEL 04

Scale
1/8" = 1'-0"

LS1.206

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9176 Sunset Level 5					
ROOM NAME	OCCUPANCY	FUNCTION PER TABLE 1004.1.2	PROGRAM AREA (SF)	DLF (SF/OCC)	OCCUPANTS
Office (60% of Total Office Area) 501	B	Business	6,162	150	42
Office Assembly Space (20% of Total Office Ar	A-2	Assembly Unconcentrated	1,541	15	103
IDF Room 504	S-1	Utility	86	300	1
Electric Room 505	S-1	Utility	98	300	1
Terrace	B	Circulation	1,417	100	15
Total					162

EXITS											
EXIT/EXIT ACCESS COMPONENT	EXIT FUNCTION	STAIR WIDTH (IN)	FACTOR (IN/OCC)	CAPACITY (OCC)	REQ. STAIR WIDTH (IN)	DOOR WIDTH (IN)	DOOR/RAMP FACTOR (IN/OCC)	DOOR/RAMP CAPACITY (OCC)	REQUIRED CAPACITY (IN)	GOVERNING CAPACITY	ACTUAL USE
STAIR 2	EXIT ACCESS	44	0.2	220	44	36	0.15	226	32	220	72
STAIR 1	EXIT ACCESS	48	0.2	240	44	72	0.15	453	32	240	90
		TOTAL			TOTAL	TOTAL			TOTAL	TOTAL	TOTAL
					108				64	460	162

FIRE RATINGS AND EXITING CALCULATIONS LEGEND

- XX — ORIGINATING OCCUPANT LOAD
- XX — AGGREGATE OCCUPANT LOAD
- XX — SPLIT OCCUPANT LOAD
- DIRECTIONAL INDICATOR
- CPT — COMMON PATH OF EGRESS
- TD 243 — TRAVEL DISTANCE / LENGTH OF TRAVEL IN FEET

ACTUAL USE — STAIR NO 1 (ACTUAL 85 / CAPACITY 453) — EXIT ID / LIMITING CAPACITY

**SEE LABC TABLE 705.8 FOR SUMMARY OF ALLOWABLE UNPROTECTED OPENINGS

SB SB SB SB	1 HOUR SMOKE BARRIER PER LABC 709 20 MINUTE OPENINGS PER LABC 716.1
SB1 SB1 SB1 SB1	1 HOUR SMOKE BARRIER PER LABC 709 45 MINUTE OPENINGS PER LABC 716.1
FP FP FP FP	1 HOUR FIRE PARTITION PER LABC 708 20 MINUTE OPENINGS PER LABC 716.1
FB1 FB1 FB1 FB1	1 HOUR FIRE BARRIER PER LABC 707 60 MINUTE OPENINGS PER LABC 716.1
FB2 FB2 FB2 FB2	2 HOUR FIRE BARRIER PER LABC 707 90 MINUTE OPENINGS PER LABC 716.1
FB3 FB3 FB3 FB3	3 HOUR FIRE BARRIER PER LABC 707 3 HOUR OPENINGS PER LABC 716.1
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△ Date	Description
03/12/2021	SCHEMATIC DESIGN ISSUANCE
04/15/2022	DESIGN DEVELOPMENT ISSUANCE
12/21/2022	50% CONSTRUCTION DOCUMENTS
02/17/2023	PLAN CHECK SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
9176 SUNSET

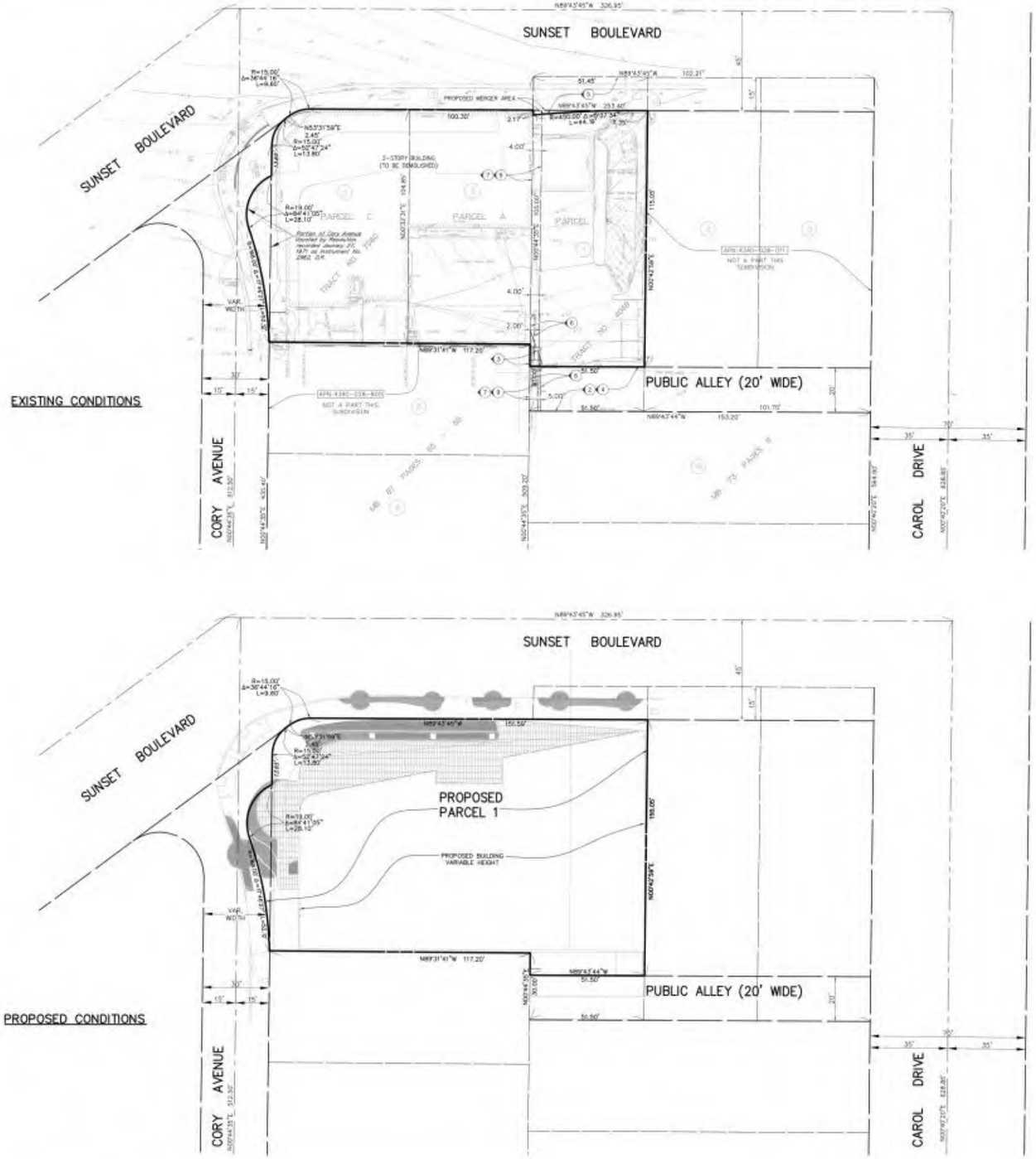
Project Number
05.2543.000

Description
LIFE SAFETY EXITING PLAN
LEVEL 05

Scale
1/8" = 1'-0"

LS1.207

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LEGEND

	PROPERTY / BOUNDARY LINE
	STREET R/W LINE
	CURB LINE (FROM 7"=30' ON TO 1"=200')
	CURB LINE (1"=10', 1"=8', 1"=16')
	CENTER LINE
	FLOW LINE
	LOT LINE / PARCEL LINE
	EASEMENT LINE (W=WIDTH)
	CONTOUR LINE (APPROXIMATE)
	BUILDING FOOT PRINT LINE
	OVERHANG LINE
	CHAINLINK (CHLK) FENCE LINE
	WROUGHT IRON (WI) FENCE LINE
	RETAINING WALL (RW) / SCREEN WALL (AS NOTED)
	GUARD RAIL
	EDGE OF ASPHALT PAVING
ASPH	ASPHALT PAVING
CONC	CONCRETE PAVING
AD	AREA DRAIN
WC/CB	CATCH BASIN W/ACCESS HOLE
CMH/EMH/TMH/GMH	COMMUNICATION/ELECTRICAL/FIBER OPTIC/GAS MANHOLE
SMH/SDMH/CMH/WMH	SEWER/STORMDRAIN/UNKNOWN/WATER MANHOLE
CP/PP/LP	COMMUNICATION/POWER/STR./TS POLE
CPC/PPC/LPC	COMMUNICATION/POWER/UTILITY POLE AND CONDUIT
S	SIGN (ALL KINDS)
	STREET LIGHT W/ARM
	TRAFFIC SIGNAL W/ARM
	TRAFFIC SIGNAL
	YARD LIGHT
(H)	PARKING LIGHT
	FIRE HYDRANT
DS	DOWNSPOUT
FDC	FIRE DEPARTMENT CONNECTION
PIV	POST INDICATOR VALVE
PM	PARKING METER
EM/GM/AM/WM	ELECTRICAL/GAS/UNKNOWN/WATER METER
AV/SV/PV/GV/WV	AIR/GAS/IRRIGATION/PETROLEUM/UNKNOWN/WATER VALVE
C/I/P/D VLT	COMMUNICATION/ELECTRICAL/FIBER OPTIC VAULT
G/I/I/B VLT	GAS/IRRIGATION/UNKNOWN/WATER VAULT
C/E/T/I RISER	COMMUNICATION/ELECTRICAL/GAS RISER
P/G/W RISER	PETROLEUM/UNKNOWN/WATER RISER
C/E/I/TS PNL	COMMUNICATION/ELECTRIC/IRRIGATION/TRAFFIC SIGNAL PANEL
C/E/I/TS CAB	COMMUNICATION/ELECTRICAL/UNKNOWN/TRAFFIC SIGNAL CABINET
CPB/GPB/FOPB	COMMUNICATION/ELECTRICAL/FIBER OPTIC PULL BOX
SLPB/TSPB/SPB	STREET LIGHT/TRAFFIC/UNKNOWN PULL BOX
G/I/I BOX	GAS/IRRIGATION/UNKNOWN BOX
A/C/E/F STRU	AIR/COMMUNICATION/ELECTRICAL/FIRE STRUCTURE
G/I/P/SS STRU	GAS/IRRIGATION/PETROLEUM/SANITARY SEWER STRUCTURE
SD/S/I/W STRU	STORM DRAIN/STREET LIGHT/UNKNOWN/WATER STRUCTURE
COMP/HC/STD	COMPACT/HANDYCAP/STANDARD PARKING STALL
DI	DRAIN INLET
	PALM TREE W/TRUNK DIAMETER
	DECIDUOUS TREE W/ WELL W/TRUNK DIAMETER
PL	PLANTER
GP	GUARD POST
APPR	APPROACH
DRWY	DRIVEWAY
BPP	BACKFLOW PREVENTER
CO	CLEAN OUT
	LOCATION OF BUILDING HEIGHT MEASUREMENTS
OVHD	OVERHEAD
UNDER	UNDERGROUND
TRANS	TRANSFORMER
FC	FIRE DEPARTMENT CONNECTION
C/L	STREET CENTERLINE/CONTROL LINE
P/L	PROPERTY LINE
(1234)	TOPOGRAPHIC SPOT ELEVATION, NO LEADER
BW	BACK OF WALK ELEVATION
EC	EDGE OF CONCRETE ELEVATION
EG	EDGE OF GUTTER ELEVATION
EP	EDGE OF PAVEMENT ELEVATION
FL	FLOW LINE ELEVATION
INV	PIPE INVERT ELEVATION
MH	MANHOLE RIM ELEVATION
TB	TOP OF BERM ELEVATION
TC	TOP OF CURB ELEVATION
TF	TOP OF FOOTING ELEVATION
TG	TOP OF GRATE ELEVATION
TW	TOP OF WALL ELEVATION
(100.00')	RECORD LOT / PARCEL NUMBER
N/E/S/W	RECORD DIMENSION OR BEARING IF DIFFERENT THAN MEASURED NORTH/EAST/SOUTH/WEST LOCATION OF IMPROVEMENT W/ RESPECT TO REFERENCE NORTH AND PROPERTY LINE.



GRAPHIC SCALE
SCALE: 1" = 20'



VICINITY MAP
NOT TO SCALE

NOTES:

CONTACT INFORMATION:

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SURVEYOR/ENGINEER: PSOMAS
ATTN: DANIEL RAHE
555 SOUTH FLOWER STREET, SUITE 4300
LOS ANGELES, CA 90071
(213) 223-1537

PROJECT INFORMATION:

PROJECT ADDRESS: 9176 W SUNSET BLVD
WEST HOLLYWOOD, CA 90069

APN: 4340-028-001, 4340-028-002, 4340-028-011

THOMAS BROS. GUIDE: 592-G6

PROJECT SYNOPSIS: PROPOSED PROJECT IS A 1 PARCEL, VESTING PRELIMINARY PARCEL MAP NO. 83691, (CONVENTIONAL PARCEL) FOR MERGER AND RESUBDIVISION PURPOSES, PER WHMC Section 20.04.

PROPOSED PROJECT IS A DEMOLITION OF EXISTING IMPROVEMENTS AND A NEW CONSTRUCTION OF A 5-STORY (53,020 SF), IT CONSISTS OF APPROX. 43,510 SF OF OFFICE, 8,366 SF OF COMMERCIAL/RETAIL FOOD AND BEVERAGE AND 1,140 SF OF BACK OF HOUSE SPACE. PROJECT PARKING IS PROVIDED IN THREE SUBTERRANEAN LEVELS. PROPOSED PROJECT WILL PROVIDE 135 PARKING SPACES AND 14 BICYCLE SPACES.

BUILDINGS: ALL EXISTING BUILDINGS ARE TO BE DEMOLISHED.

FLOOD ZONE: SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "X" (0.2% ANNUAL CHANCE FLOOD HAZARD, AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTH LESS THAN ONE FOOT OR WITH DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE) AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 06037C1585F, DATED SEPTEMBER 26, 2008, PUBLISHED BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

PROPERTY AREA: BASED UPON MEASURED BEARINGS AND DISTANCES AS SHOWN HEREON, THE AREA IS:
EXISTING = 18,486 SQ. FT. ± 0.42 ACRES
PROPOSED = 18,978 SQ. FT. ± 0.43 ACRES

ZONING: SSP – SUNSET SPECIFIC PLAN (AREA 8 – WEST END OF THE SSP). EXISTING AND PROPOSED ZONING WILL STAY THE SAME.

STREETS: PROJECT IS FRONTING ON PUBLIC STREETS SUNSET BOULEVARD AND CORY AVENUE AS SHOWN HEREON. EXISTING STREET ARE FULLY DEDICATED AND NO ADDITIONAL DEDICATION WILL REMAIN BE REQUIRED.

PARKING: PROPOSED PROJECT WILL PROVIDE 135 VEHICULAR PARKING SPACES AND 14 BICYCLE SPACES.

EXISTING UTILITIES: UNDERGROUND UTILITIES SHOWN HEREON ARE PER CITY OF WEST HOLLYWOOD AND PRIVATE UTILITY COMPANY RECORDS.

STORM WATER: THE PROJECT WILL MEET THE CITY OF WEST HOLLYWOOD LOW IMPACT DEVELOPMENT REQUIREMENTS, IN CONJUNCTION WITH THE COUNTY OF LOS ANGELES REGIONAL WATER QUALITY STANDARDS. PROJECT WILL BE DESIGNED PER CITY OF WEST HOLLYWOOD REQUIREMENTS. (SHOWN ON IMPROVEMENT PLANS)

SEWAGE DISPOSAL: SANITARY SEWER IS AVAILABLE AND WILL SERVE PROPOSED PROJECT. PROJECT WILL BE CONNECTED TO THE CITY OF SANITARY SEWER SYSTEM, WITH SEWAGE BEING DIRECTED TO THE LA COUNTY SANITATION DISTRICT 4.

WELLS: THERE ARE NO WELLS ON THE SITE.

STORM WATER: PROJECT WILL BE DESIGNED PER CITY OF WEST HOLLYWOOD REQUIREMENTS. (SHOWN ON IMPROVEMENT PLANS)

TREES: EXISTING PARKWAY TREES WILL REMAIN, NEW STREET TREES WILL BE PLANTED ALONG SUNSET BLVD. THERE ARE NO EXISTING TREES ON PROPERTY.

EASEMENT OF RECORD:

TITLE REPORT: FIDELITY NATIONAL TITLE COMPANY
ORDER NUMBER 30130964-010-MN2

(#) – INDICATES TITLE COMMITMENT EASEMENT NO

(1) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT SHOWN BY THE PUBLIC RECORDS.

(2) EASEMENT FOR PUBLIC ROADS AND HIGHWAY PURPOSES RECORDED IN BOOK 2960, PAGE 85, O.R. PLOTTED.

(3) EASEMENT FOR CONDUITS RECORDED IN BOOK 2960, PAGE 85, O.R. PLOTTED.

(4) EASEMENT FOR POLE LINES AND CONDUITS FOR PUBLIC UTILITY, TOGETHER WITH THE RIGHT TO GRANT AND DEDICATE THE SAME TO PUBLIC USE RECORDED IN BOOK 5534, PAGE 24, O.R. PLOTTED.

(5) EASEMENT FOR PUBLIC ROADS AND HIGHWAY PURPOSES RECORDED IN BOOK 13912, PAGE 268, O.R. PLOTTED.

(6) EASEMENT FOR POLE LINES RECORDED IN BOOK 18728, PAGE 30, O.R. AN AGREEMENT TO MODIFY TERMS AND PROVISIONS OF SAID DOCUMENT, AS THEREIN PROVIDED IN A DOCUMENT RECORDED NOVEMBER 15, 1961 IN BOOK 18899, PAGE 263, O.R. PLOTTED

(7) EASEMENT FOR POLE LINES AND CONDUITS RECORDED NOVEMBER 5, 1951 IN BOOK 18916, PAGE 97, O.R. PLOTTED

(9) EASEMENT FOR PUBLIC UTILITIES RECORDED AUGUST 16, 1990 AS INSTRUMENT NO. 90-1428840 O.R. PLOTTED

(11) ANY RIGHTS, INTERESTS, OR CLAIMS WHICH MAY EXIST OR ARISE BY REASON OF TEH FOLLOWING MATTERS DISCLOSED BY SURVEY, JOB NO. CA-19-XXX DATED 7/10/2019 PREPARED BY CHRISTENSEN & PLOUFF LAND SURVEYING. PLOTTED.

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

LOT 2 OF TRACT NO. 7369, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 87 PAGES 55 AND 56 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL B:

LOT 1 OF TRACT NO. 4048, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 73 PAGE 6 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL C:

LOT 1 OF TRACT NO. 7980, IN THE CITY OF WEST HOLLYWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 87 PAGES 55 AND 56 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AND THAT PORTION OF CORY AVENUE VACATED BY RESOLUTION RECORDED JANUARY 27, 1971 AS INSTRUMENT NO. 2962 OFFICIAL RECORDS OF SAID COUNTY.

	SAS		BENCHMARK: 6Y5272	P S O M A S	FOR SUBDIVISON AND MERGER PURPOSES:
	SAS		CUT SPK IN N CB 5' W/O BOR @ NW COR SUNSET BLVD & DOHENY DR 48' W & 34' N/O C/L INT NMD (BM)	555 South Flower Street, Suite 4300	VESTING TENTATIVE PARCEL MAP NO. 83691
	DJR		ELEVATION: 408.716 FEET NAVD 88 ASSUMED: 2012	Los Angeles, CA 90071 (213) 223-1400 (213) 223-1444 fax	9160, 9166, 9174 W SUNSET BLVD
			PATH/PLOT DATE:	www.psomas.com	IN THE CITY OF WEST HOLLYWOOD COUNTY OF LOS ANGELES STATE OF CALIFORNIA
			NO. DATE DESCRIPTION BY APP'D		DATE: NOVEMBER 17, 2021 SCALE: 1" = 20' PROJECT NUMBER: WLDR010100 SHEET: 1 OF 1

2/4/22

FRANCIS KRAHE & ASSOCIATES
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304 South Broadway, Suite 203
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fkaild.com

SUNSET JEWEL BOX

9176 Sunset Boulevard,

West Hollywood, California

LIGHTING STUDY

Prepared for:

City of West Hollywood

December 22, 2025

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This Lighting Study by Francis Krahe & Associate Inc. (Study) analyzes the proposed lighting associated with the Sunset Jewel Box (Project) located at 9176 Sunset Boulevard in the City of West Hollywood, California. The Project is a commercial use building located on the south side of the Sunset Boulevard right of way, to the east of the Cory Avenue intersection, and west of 9156 Sunset Boulevard.

This Study reviews the parameters that affect light trespass or glare (each as defined below) at adjacent sensitive use properties in the vicinity of the Project, reviews the applicable lighting metrics and regulations pertaining to artificial lighting, examines the existing lighting conditions within and surrounding the Project, and evaluates the Project's illuminated signage (Signs) to identify potential environmental impacts on surrounding sensitive use properties.

The methods of analysis utilized for this Study are based upon the recommended practices established by the Illuminating Engineering Society of North America (IESNA) for the practice of illumination engineering design and application, and the actual measurements of light sources and illuminated surfaces. IESNA reference publications include: American National Standards Institute (ANSI)/Illuminating Engineering Society (IES) OL-IM-01 Lighting Science Standards; ANSI/IES OL-IM-02 Lighting Practice Standards; ANSI/IES OL-IM-03 Lighting Applications Standards; ANSI/IES OL-IM-04 Lighting Measurements and Testing Standards; and ANSI/IES OL-IM-05 Lighting Roadway and Parking Facilities Standards. The ANSI/IES Standards replace the IESNA 10th Edition Handbook, which superseded the 9th Edition IESNA Handbook and various references published by IESNA prior to 2011.

1. Summary

This Study reviews the proposed Project (as described herein as Appendix A) with respect to light trespass and glare at adjacent sensitive use properties near the Project Site. These adjacent sensitive use properties are identified as the most sensitive use sites due to their close proximity to the Project and possible direct view of the Project Signs. Light intensity diminishes rapidly in relation to distance (see Section 3, Inverse Square Law). Therefore, more distant sensitive site locations will receive much lower light trespass illuminance and or luminance, and will therefore be less affected by the Project.

Exterior lighting issues are focused around two key subjects: light trespass and glare. These two technical terms are defined as follows:

- *Light Trespass*[1] is the artificial light produced on a property that falls on an adjacent property. Light trespass is measured in terms of illuminance (foot-candles or metric units lux), and can be measured at any point and in any direction. Where Light trespass is evaluated the illuminance is measured perpendicular to the source of light, toward the source of light, at the property line, or the location where light would cause an issue. Light trespass is evaluated at night.

- *Glare*[2] occurs when either the luminance is too high or the range of brightness in a visual field is too large. A bright light source, such as a flood light or street light, viewed against a dark sky may be uncomfortable to look at, and may create a temporary sensation of blindness, which is referred to as disability glare. Glare is evaluated by measuring the luminance (footlamberts or metric units candelas per square meter) at the source of light, such as a digital sign, in comparison to the surrounding adjacent luminance. Contrast ratios define the extent of Glare within the field of view at any observer position. The Contrast ratio is determined by the variation of luminance within the field of view. "High," "Medium," and "Low" Contrast ratios are the comparison of peak measured luminance to the average luminance within a field of view: Contrast ratios greater than 30:1 (High); between 30:1 to 10:1 (Medium); and below 10:1 (Low), respectively. Contrast ratios above 30:1 are generally uncomfortable for the human eye to perceive. Any source luminance that is more

[1] IESNA Handbook, 10th Edition, 19.3: Light Pollution and Trespass, page 19.7
[2] IESNA Handbook, 10th Edition, 4.10: Glare, page 4.25

than 50 times the adjacent background will be viewed as prominent, and, may be viewed as distracting. Glare may occur either during the day or night.

This Study analyzes the Project's potential environmental impacts relating to lighting based on the Project's illuminated Signs, as described by the Concept Design Documents included in Appendix A of the Study.

1.1 Sign Lighting

The Project Sign lighting would ultimately comply with the requirements of the City of West Hollywood Sunset Boulevard Off-Site Signage Policy (WEHO Policy) as adopted as an amendment to the Sunset Specific Plan (Ordinance No. 19-1063) by the City of West Hollywood (Appendix B), which regulates sign types, location, size and operating characteristics of signage proposed on the Project site specifically and within the West Hollywood Sunset Specific Plan (Specific Plan) boundaries generally. For purposes of impact analysis, this Study analyzes the proposed Sign lighting against the WEHO Policy.

This Study utilizes the illumination standards for sign lighting as defined by WEHO Policy for residentially zonedproperties adjacent within the City of West Hollywood for purposes of environmental analysis. Accordingly, the Sign lighting would comply with the following requirements:

- Sign light trespass illuminance less than 1.4 footcandles (fc) at residentially zonedproperties adjacent to Sunset Boulevard within the Specific Plan boundary.
- Sign light trespass illuminance less than 0.74 footcandles (fc) at residentially zoned properties outside of the Specific Plan boundary, including residential properties within the City of Los Angeles.
- Illuminated signs will not exceed 6000 candelas/m^2 luminance during the day from sunrise until 20 minutes prior to sunset.
- Illuminated Signs will not exceed 300 candelas/m^2 at night from sunset until 20 minutes prior to sunrise.[3]
- From 2:00 a.m. until sunrise no animated content or moving patterns shall be permitted.
- Sign luminance shall transition smoothly from daytime luminance to nighttime luminance and vice versa.
- Illuminated Signs that have the potential to exceed 300 candelas/m^2 will include an electronic control mechanism to reduce sign luminance to 300 candelas/m^2 at any time when ambient sunlight is less than 100 footcandles (fc).
- Externally illuminated signs will incorporate design elements to limit the direct view of the light source surface at all exterior light fixtures to ensure that the light source cannot be seen from adjacent residential-zoned properties.

This Study demonstrates light trespass from the Project Signs at sensitive use properties adjacent to Sunset Boulevard within the Specific Plan boundary would be below the 1.4 footcandles (fc) limit for illuminated signs as defined by the WEHO Policy. There is no light trespass limit for commercial use properties, which are not considered light or glare-sensitive receptors. Therefore, this Study does not evaluate light trespass illuminance or glare from the Project Signs at commercial properties.

[3] The sign light trespass would not exceed the established lighting threshold of 1.4 fc footcandles at any residentially zoned property line at 300 candelas/m^2 pursuant to WEHO Policy Section 5.A.4.

This Study also evaluates Project Sign light trespass illuminance at sensitive use properties more distant from Sunset Boulevard, outside of the Specific Plan boundary, with the maximum illuminance defined by the California Energy Commission for urban areas in California, Lighting Zone LZ3, 0.74 fc. The City of Los Angeles is near to the Project site to the north. The Los Angeles Municipal Code allows up to 3.0 fc of light trespass from sign lighting at residential properties. However, to ensure a conservative analysis, this Study analyzes light trespass at residential properties within the City of Los Angeles against the lower CalGreen threshold of 0.74 fc. This Study demonstrates the light trespass at all residential properties from the Project Signs outside of the Specific Plan boundary will be less than 0.74 fc.

Furthermore, glare from the Signs is evaluated with respect to adjacent residential properties and roadways. To present a conservative analysis, this Study evaluates the Signs with a maximum luminance of 6000 cd/m^2 during the day and 300 cd/m^2 at night with all Signs operating at all white. This Study confirms the contrast ratios, which compares the maximum Sign luminance to the existing average luminance measured at the Monitoring Sites, are less than 30:1. Therefore, the Project Signs would not create a new glare condition at adjacent residential properties. Glare at roadways is evaluated with respect to the standards identified in the California Vehicle Code, which defines maximum allowable luminance within drivers field of view for both day and night. This Study confirms the Signs would not exceed the maximum luminance defined by the California Vehicle Code at roadways during the day, night, twilight, and periods of low sun intensity. Therefore the Project Sign lighting would not create a significant source of glare to drivers.

The results of this Study indicate that the Project Sign lighting would not create a significant new source of light trespass or glare at residential properties or roadways.

2. Project Description

The Project consists of a new commercial development (Project) totaling approximately 53,030 square feet of floor area on an approximately 18,608 square feet property at 9176 Sunset Boulevard, West Hollywood, California (see Figure 1). The Project is a commercial use building located on the south side of the Sunset Boulevard right of way, to the east of the Cory Avenue intersection, and west of 9156 Sunset Boulevard. The Project includes illuminated digital Signs as described by the Concept Design Documents attached herein as Appendix A.



Figure 1: Project Site

3. Glossary of Lighting Terminology

Discussions of lighting issues include precise definitions, descriptions or terminology of the specific lighting technical parameters. The following glossary summarizes explanations of the technical lighting terms utilized in this Study and the related practice standards to facilitate discussion of these issues. The following technical terms are used in this Study.

Brightness: The magnitude of sensation that results from viewing surfaces from which light comes to the eye. This sensation is determined partly by the measurable luminance of the source and partly by the conditions of observation (Context), such as the state of adaptation of the eye. For example, very bright lamps at night appear dim during the day, because the eye adapts to the higher brightness of daylight.

Candela: Measure of light energy from a source at a specific standard angle and distance. Candela (cd) is a convenient measure to evaluate output of light from a lamp or light fixture in terms of both the intensity of light and the direction of travel of the light energy away from the source.

Contrast: Calculated evaluation of high, medium and low contrast of visible light sources or surfaces within the Property by a ratio of luminance. Contrast is the ratio of one surface luminance to a second surface luminance or to the field of view. Contrast exceeding 30 to 1 are usually deemed uncomfortable; 10 to 1 are clearly visible; and less than 3 to 1 appear to be equal.

Fully Shielded: A lighting fixture constructed in such a manner that all light emitted by the fixture, either directly from the lamp or a diffusing element, or indirectly by reflection or refraction from any part of the Luminaire, is projected below the horizontal as determined by photometric test or certified by the manufacturer. Any structural part of the light fixture providing this shielding must be permanently affixed. In other words, no light shines above the horizontal from any part of the fixture.

Glare: Glare is visual discomfort experienced from high luminance or high range of luminance. For exterior environments at night, glare occurs when the range of luminance in a visual field is too large. The light energy incident at a point is measured by a scale of footcandles or lux, and is described in the technical term Illuminance. This incident light is not visible to the eye until it is reflected from a surface, such as pavement, wall, dust in the atmosphere or the surface of a light bulb. The visible brightness of a surface is measured in footlamberts (or metric equivalent candelas per square meter) and is described by the term Luminance.

The human eye processes brightness variations across a very broad spectrum of intensities. The range of brightness generated by direct noon sun versus a moonlight evening is over 5000 to 1. Human eyes are capable of accommodating to this range of intensities given adequate time to adjust. However, the eye cannot process brightness ratios of more than 30 to 1 within a view without discomfort. See IESNA 10th Edition Handbook, Section 4.10.1, Discomfort Glare and Section 10.9.2 Calculating Glare.

For the purpose of this analysis, brightness of light sources may be described subjectively by the following criteria:

High Contrast Conditions: View of light fixture emitting surface, such as a lens, reflector, or lamp, where brightness contrast ratio exceeds 30 to 1 (source Luminance to background Luminance ratio in footlamberts).

Medium Contrast Conditions: Brightly lighted surfaces where contrast ratio exceeds 10 to 1, but is less than 30 to 1 (lighted surface Luminance to background Luminance ratio in footlamberts).

Low Contrast Conditions: Illuminated surfaces where contrast ratios are less than 10 to 1 (source Luminance to background Luminance ratio in footlamberts).

Illuminance: Illuminance is the means of evaluating the density of Luminous Flux. Illuminance indicates the amount of Luminous Flux from a light source falling on a given area. Illuminance is measured in footcandles (fc) which is the lumens per square foot, or Lux (lumens per square meter). Illuminance need not necessarily be related to a real surface since it may be measured at any point within a space. Illuminance is determined from the Luminous intensity of the light source. Illuminance of a point source decreases with the square of the distance from the light source (see Inverse Square Law definition).

Horizontal Illuminance: Illuminance incident upon a horizontal plane. The orientation of the illuminance meter or calculation point will be 180° from Nadir.

Vertical Illuminance: Illuminance incident upon a vertical plane. The orientation of the illuminance meter or calculation point will be 90° from Nadir.

Inverse Square Law: In physics, an inverse-square law is any physical law stating that a specified physical quantity or intensity is inversely proportional to the square of the distance from the source of that physical quantity. The fundamental cause for this relationship can be understood as geometric dilution corresponding to point-source radiation into three-dimensional space (see Figure 2). The divergence of a vector field which is the resultant of radial inverse-square law fields with respect to one or more sources is everywhere proportional to the strength of the local sources, and hence zero outside sources. Newton's law of universal gravitation follows an inverse-square law, as do the effects of electric, magnetic, light, sound, and radiation phenomena. Thus, Illuminance decreases with the square of the distance from the light source.

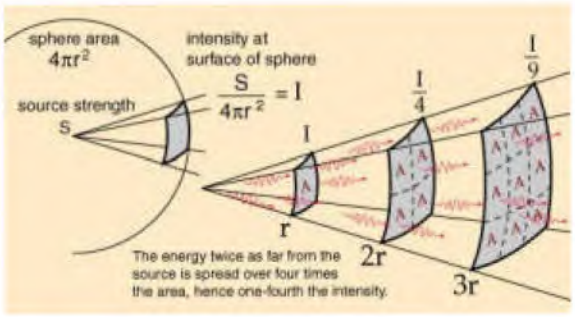


Figure 2: Inverse square law diagram (hyperphysics.phy-ast.gsu.edu)

Output Direction: Luminaires for general lighting are classified in accordance with the percentages of total luminaire output emitted above and below horizontal. The light distribution curves may take many forms within the limits of upward and downward distribution, depending upon the type of light and the design of the luminaire.

Lighting Array: An installation of multiple light sources or lamps where the distance between each lamp or light source within the Lighting Array is less than 5 feet on center in any direction from any other source.

Light Source: Device which emits light energy from an electric power source.

Light Trespass: Electric light from subject property incident onto adjacent properties, measured in footcandles or lux, usually analyzed by measurement at or near the adjacent property line.

Lighting Zone (LZ): Defined by IESNA and summarized in Table 26.4 in the Handbook and adopted by CALGreen.

Lighting Zone LZ3: Outdoor areas of human activity where the vision of human residents and users is adapted to moderately high light levels. Lighting is generally desired for safety, security and/or convenience.

Lighting Zone LZ4: Outdoor areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally desired for safety, security and/or convenience.

Luminaire: A complete lighting unit consisting of a lamp or lamps and ballast(s) (when applicable) together with the parts designed to distribute the light, to position and protect the lamps, and to connect the lamps to the power supply. Also referred to as a Light Fixture.

Luminance: Luminance is a measure of emissive or reflected light from a specific surface in a specific direction over a standard area. Luminance is measured in footlamberts (fL) (1/π Candela per square foot) or cd/m^2 (Candela per square meter). 1fL = 3.43 cd/m^2.

Whereas Illuminance indicates the amount of Luminous Flux falling on a given surface, Luminance describes the brightness of an illuminated or luminous surface. Luminance is defined as the ratio of luminous intensity of a surface (Candela) to the projected area of this surface (m^2 or ft^2).

Examples of measured Luminance include:

Daytime Luminance
- Exterior White Wall: 1,700 - 2,200 cd/m^2
- Concrete Sidewalk: 1,000 - 1,500 cd/m^2

Nighttime Luminance
- Street Light: 1,300 - 6,500 cd/m^2

Exterior White Wall: 60 cd/m^2
Block Wall, Not Illuminated: 0.3 - 0.7 cd/m^2

Luminous Flux: Mean value of total Candelas produced by a light source. Luminous Flux describes the total amount of light emitted by a light source. The unit for measuring Luminous Flux is Lumen (lm).

This radiation could basically be measured or expressed in watts. This does not, however, describe the optical effect of a light source adequately, since the varying spectral sensitivity of the eye is not taken into account. To include the spectral sensitivity of the eye the Luminous Flux is measured in lumen. Radiant Flux or 1 W emitted at the peak of the spectral sensitivity (in the photopic range at 555 nanometers produces a Luminous Flux of 683 lumen). The unit of lumen does not define direction.

Sensitive Use Site: A property located near the Project Site where light from the Project may interfere with the use within the property, or may present an adverse effect to flora and fauna within the property. Sensitive Use Sites for this Study include residentially zoned properties and native habitat.

Skyglow: Skyglow is the description of luminous atmospheric background and results from both natural and human made conditions. Natural causes of skyglow include sunlight reflected from the surface of the earth and moon, sunlight illuminating the upper atmosphere, and visible illumination from other interplanetary sources. Human made causes of skyglow include electric light that is emitted directly upward into the sky (Uplight), or reflected off of the ground.

4. Review of Lighting Regulations & Reference Standards

Exterior lighting is regulated throughout California by the local municipal code and the state energy and building codes. Pertinent lighting sections are summarized and discussed for the City of West Hollywood Municipal Code, the Sunset Boulevard Specific Plan, the State of California Green Building Code (CalGreen), and the California Energy Code (CEC). Reference standards include model lighting ordinances provided by the Illuminating Engineering Society of North America (IESNA) and the International Dark Sky Organization, ASHRAE 90-75, and the U.S. Green Building Council. Various aspects of these reference standards are included in local regulations to improve the outcomes of any approved project and avoid future disputes or legal challenges to proposed lighting plans. The lighting standards summarized below balance the requirements of property owners for sufficient brightness and flexibility for the use of their property, with minimizing the off-site negative effects of light trespass and glare.

4.1 Sunset Boulevard Specific Plan

The Sunset Boulevard Specific Plan (the "Specific Plan") regulates lighting with respect to building lighting, transportation, street lighting and light trespass (i.e., the spillover of light onto adjacent light-sensitive properties) and Sign Lighting. The City also enforces the building code requirements of the West Hollywood Building Code, the California Green Building Code (CALGreen), and the California Energy Code (CEC).

The Specific Plan includes the following requirements which apply in this Study to Sign illumination within the Sunset Boulevard Off-Site Signage Policy (WEHO Policy).

- Sign luminance will be less than 6,000 candelas per meter squared (cd/m^2) during the day, and less than 300 cd/m^2 from 20 minutes prior to sunset until 20 minutes prior to sunrise.

- Sign luminance shall transition smoothly over no less than 20 minutes, from the daytime to the nighttime (or nighttime to daytime) maximum luminance.

- From 2:00 a.m. until sunrise no animated content or moving patterns shall be permitted

- Sign illuminance will not exceed 1.4 foot-candles at any adjacent residential zoned property.

In this Study the standards above apply to Sign lighting where Project Signs are adjacent to sensitive use properties within or at the boundary of the City of West Hollywood Specific Plan, which is generally within 250 feet of Sunset Boulevard. The distance of 250 feet is identified in the Sunset Strip Off-Site Signage Policy Initial Study / Negative Declaration, Section 3.1(d), page 252 (attached herein Appendix C), which states:

> "Along Sunset Boulevard, most residential properties are set back behind the commercial properties that front onto Sunset Boulevard. The slope to the north and south of Sunset Boulevard significantly affect the visibility of signs from residential properties. … The distance from Sunset Strip properties to adjacent residential properties varies considerably. The properties within close proximity are generally 250 feet to 300 feet away from the existing signs on Sunset Boulevard."

Therefore, residentially zoned properties within the Specific Plan, generally within 250 feet of Sunset Boulevard, are subject to the WEHO Policy regulations and the 1.4 fc light trespass illuminance threshold applies. Properties within and at the boundary of the =Specific Plan are subject to the 1.4 fc threshold.

This Study also evaluates Sign light trespass illuminance at sensitive use properties that are not within the Specific Plan, and therefore are not directly regulated by the WEHO Policy. For those residential or sensitive use properties the regulations of CalGreen would apply as noted below.

- CEC defines all urban areas as LZ3. Therefore, Project Sign light trespass illuminance will not exceed 0.74 foot-candles at any adjacent residential zoned property outside of the Specific Plan boundary.

4.2 California Code of Regulations, Title 24

Title 24 of the California Code of Regulations (CCR), also known as the California Building Standards Code, includes regulations for building lighting throughout the State of California. The following components of Title 24 include standards related to Sign lighting:

a. 2022 California Administrative Code, Administrative Regulations for the California Energy Commission (CEC):

The California Administrative Code, which is Part 1 of Title 24, includes Section 10-114. Determination of outdoor lighting zones and administrative rules for use. This section establishes rules for implementing outdoor lighting zones, and is included herein as Appendix D.

Nighttime lighting environment are defined as Lighting Zones 1 through 4 in Table 10-114-A LIGHTING ZONE CHARACTERISTICS AND RULES FOR AMENDMENTS BY LOCAL JURISDICTIONS. The requirements of Section 10-114 are established to show compliance with Section 140.7 of Title 24, California Code of Regulations, Part 6. The description of nighttime lighting environments in Table 10-114-A are similar to IESNA Table 26.4, discussed below.

The Project Site and surrounding properties are an urban, mixed use, commercial and residential zone with extensive nighttime use, including nearby industrial, retail, restaurants, and entertainment venues. Current best

practices for lighting standards recognize the unique issues related to nighttime use adjacent to sensitive use sites. As noted above, CEC includes designations for Lighting Zones 1 through 4, included below in Appendix D, which correspond to the IESNA Outdoor Lighting Zone Definitions, Table 26.4, and Light Trespass Illuminance Limits, Table 26.5, within the IESNA 10th Edition Handbook, included herein as Appendix H and I respectively. The IESNA recommendations for light trespass Illuminance vary based upon the extent of nighttime human activity and the extent of natural habitat.

The existing conditions surrounding the Project site and along Sunset Boulevard are consistent with the definition of Lighting Zone 4 noted above. In addition, the IESNA defines Lighting Zone 4 as:

> "areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally considered necessary for safety, security and/or convenience and it is mostly uniform or continuous."

IESNA Table 26.5, lists a Pre-curfew 15 Lux (1.4 footcandles) maximum at the location where trespass is under review for Zone 4. As noted above, the City of West Hollywood Ordinance has incorporated the requirements of Lighting Zone 4, 1.4 fc maximum light trespass illuminance, for all residential properties in the vicinity of Sunset Boulevard. Therefore, this Study utilizes the WEHO Policy maximum Sign light trespass illuminance of 1.4 fc at sensitive use properties adjacent to Sunset Boulevard.

Per the CEC, California Energy Efficiency Standards, Section 10-114, the designations for outdoor lighting zones in urban areas are as follows:

> "The default for urban areas, as defined by the U.S. Census Bureau, is Lighting Zone 3. Local AHJs (Authorities Having Jurisdiction) may designate areas to Lighting Zone 4 for high intensity nighttime use, such as entertainment or commercial districts or areas with special security considerations requiring very high light levels."

All urban areas within California are designated Lighting Zone LZ3 as default under the CEC. The corresponding light trespass illuminance defined by IESNA for LZ3, which limits the light trespass to 8 lux (0.74 footcandles). Therefore, all urban areas within the City of West Hollywood not included within the Specific Plan, and adjacent neighborhoods within the City of Los Angeles, and City of Beverly Hills are designated by CEC as Lighting Zone 3. The City of Los Angeles Municipal Code includes sign lighting regulations which permit sign light trespass illuminance not to exceed 3.0 fc (LAMC Chapter 1, Article 4.4, Sec. 14.4.4 E) at a residentially zoned property. Furthermore, Signs which fits the criteria of CEC section 130.3 are exempt from the CalGreen requirements under section 5.106.8, Exception 1. However, this Study utilizes the more stringent CEC designation of LZ3, 0.74 fc as the basis of the evaluation of Project Sign light trespass to present a more conservative analysis for areas not within the Specific Plan boundary.

b. California Energy Code 2022, Section 140.7, PRESCRIPTIVE REQUIREMENTS FOR OUTDOOR LIGHTING

The California Energy Code (CEC) stipulates allowable energy use for Outdoor Lighting (see Appendix E herein), including with the aim of reducing energy consumption at night through efficient and effective use of outdoor building lighting equipment. Sign lighting is exempt as per "Section 140.7 (a), Exceptions to Section 140.7(a) …. 7. Lighting of signs complying with the requirements of Sections 130.3 and 140.8". Therefore, the energy requirements in CEC section 140.7 do not apply to the Project Signs.

c. California Energy Code 2022, Section 130.3, SIGN LIGHTING CONTROLS

The California Energy Code (CEC) stipulates control requirements for signs (see Appendix F herein), with the aim of reducing energy consumption at night through efficient and effective use of sign lighting equipment. The control of the Signs will comply with the control requirements listed in CEC Section 130.3..

d. California Energy Code 2022, Section 140.8, PRESCRIPTIVE REQUIREMENTS FOR SIGNS

The California Energy Code (CEC) stipulates energy and light source requirements for signs (see Appendix G herein), including requirements for "(a) Maximum allowed lighting power.", or "(b) Alternate lighting sources." Both sections require high efficiency light sources, LED, or equivalent. The energy requirements within CEC section 140.8 apply to the Project Sign lighting.

e. California Green Building Standards Code 2022, Section 5.106.8, LIGHT POLLUTION REDUCTION

The California Green Building Standards Code (CalGreen), which is Part 11 of the Title 24, contains limits on light leaving a project with the intent to mitigate negative effects of light pollution at nearby properties and skyglow. CalGreen Paragraph 5.106.8, Light Pollution Reduction, requires that all non-residential outdoor lighting must comply with the following requirements:

> "The minimum requirements in the CEC for Lighting Zones 1–4 as defined in Chapter 10 of the California Administrative Code ….

and:

> "Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent."

Exceptions to CalGreen section 5.106.8 include:

> "1. Luminaires that qualify as exceptions in Sections 130.2(b) and 140.7 of the California Energy Code."

and:

> "3. Building façade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6".

The Project Signs qualify as exceptions to CEC sections 130.2(b) and 140.7, and therefore are exempt from CalGreen section 5.106.8 under Exception 1. Therefore, the Project Signs are not required to comply with the light trespass requirements of CalGreen. The WEHO Policy regulates light trespass illuminance for the Project Signs at residential properties within Specific Plan boundary. Outside of the Specific Plan area, the Project Signs are analyzed against the CalGreen light trespass limits to present a conservative analysis.

4.3 California Vehicle Code, Division 11. Rules of the Road

Chapter 2, Article 3 of the California Vehicle Code stipulates limits to the location of light sources that may cause glare and impair the vision of drivers.

ARTICLE 3. Offenses Relating to Traffic Devices [21450 - 21468] (Article 3 enacted by Stats. 1959, Ch. 3.), Section 21466.5. No person shall place or maintain or display, upon or in view of any highway, any light of any color of such brilliance as to impair the vision of drivers upon the highway. A light source shall be considered vision impairing when its brilliance exceeds the values listed below.

The brightness reading of an objectionable light source shall be measured with a 1-1/2 degree photoelectric brightness meter placed at the driver's point of view. The maximum measured brightness of the light source within 10 degrees from the driver's normal field of view shall not be more than 1,000 times the minimum measured brightness in the driver's field of view, except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlambert shall not exceed 500 plus 100 times the angle, in degrees, between the driver's field of view and the light source.

4.4 IESNA Recommended Practices

The Illuminating Engineering Society of North America (IESNA) recommends illumination standards for a wide range of building and development types. These recommendations are widely recognized and accepted as best practices and are therefore a consistent predictor of the type and direction of illumination for any given building type. For all areas not stipulated by the regulatory building code, municipal code or specifically defined requirements, the IESNA standards are used as the basis for establishing the amount and direction of light for the Project Signs.

The IESNA 10th Edition Lighting Handbook and subsequent publications define Outdoor Lighting Zones relative to a range of human activity versus natural habitat. Table 26.4, Nighttime Outdoor Lighting Zone Definitions, included in Appendix H of this Study, establishes the Zone designation for a range of existing lighting conditions, from low or no existing lighting to high light levels in urban areas. Table 26.4 is referenced by the CEC as noted above in relation to allowable energy use for outdoor lighting. In addition, the IESNA 10th Edition Lighting Handbook defines Recommended Light Trespass Limits in Table 26.5, included in the Appendix I hereto, relative to the Outdoor Lighting Zones. The Recommended Light Trespass Illuminance Limits describe the maximum light trespass values in Lux at the location where trespass is under review.

The existing conditions surrounding and adjacent to the Project site are best described as Lighting Zone 4 in IESNA Table 26.4. Therefore, the corresponding maximum Pre-curfew illuminance for Zone 4 identified in IESNA Table 26.5 is 15 Lux (1.4 footcandles) maximum at the location where trespass is under review.

5. Significance Threshold

Appendix C of the California Environmental Quality Act (CEQA) Guidelines (14 California Code of Regulations, Sections 15000–15387) provides a set of sample questions to evaluate impacts with regard to aesthetics, including light and glare. The question that pertains to light and glare is as follows:

Would the project:

Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

In the context of this question from Appendix C of the CEQA Guidelines, the determination of significance in this Study takes into account the following factors:

- The change in ambient nighttime levels as a result of project sources; and
- The extent to which project lighting would spill off the Property and affect adjacent residential zoned properties.

Specifically, the Project would create a significant impact with regard to artificial light or glare if:

- Project Sign light trespass illuminance is greater than 1.4 fc at residential zoned property lines adjacent to Sunset Boulevard.
- Project Sign light trespass illuminance is greater than 0.74 fc at residential zoned property lines beyond the Specific Plan boundary.

Or:

Project Sign lighting creates glare with new high contrast conditions, with contrast ratio greater than 30:1, visible from a field of view from a residentially zoned property.

In addition, based on the California Vehicle Code requirements identified above, the Project would create a significant impact with regard to artificial light or glare effects on drivers of motor vehicles if:

The maximum measured brightness of the light source within 10 degrees from the driver's normal field of view shall not be more than 1,000 times the minimum measured brightness in the driver's field of view, except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlambert shall not exceed 500 plus 100 times the angle, in degrees, between the driver's field of view and the light source.[4]

[4] The driver's field of view from the center of the roadway plus 10 degrees."

6. Methodology

6.1 Existing Conditions Procedures

Existing conditions lighting observations were conducted following recommended practice procedures defined by the IESNA in RP-33-00 Lighting for Outdoor Environments, TM-10-00 Addressing Obtrusive Light (Urban Sky Glow and Light trespass) in Conjunction with Roadway Lighting, and TM-11-00 Light Trespass: Research, Results and Recommendations. Field illuminance and luminance measurements were conducted to accurately document all existing incident and visible light at each Monitoring Site location. Incident light can be understood as a vector of luminous flux moving through space. As the vector (light) is incident upon a surface, the intensity of the resulting illuminance will vary depending upon the relative orientation of the vector to the surface. The greatest illuminance will result when the surface and vector are perpendicular. The least illuminance will result when the surface and vector are parallel. In the field conditions, where there are multiple sources of light originating from varied positions, illuminance measurements are recorded horizontally with the photosensor facing up at 3 feet above grade, and vertically with the photosensor facing the Project as per as per IESNA standards. These measurements document the total horizontal illuminance received at a Monitoring Site as well as the direction and intensity of light converging on the Monitoring Site from the direction of the Property. Since most of the Monitoring Sites are located at a long distance away from the Property, greater than 100 feet as noted in Section 7 below, the vertical illuminance represents a plane perpendicular to the light sources. Under these conditions, there is little difference between the vertical and perpendicular plane, and the vertical plane analysis that is conducted in this Study would be equal to or greater than the measured luminance from a precisely perpendicular plane analysis. Therefore, this study utilizes a vertical and horizontal illuminance analysis. The existing Illuminance is measured with a Minolta Illuminance meter.



Figure 3: Minolta LS-100 meter

The existing luminance is measured from a Monitoring Site to light sources and surfaces within the field of view toward the Project from that Monitoring Site. The existing conditions luminance data is measured with a Minolta LS-100 Luminance meter with procedures consistent with best practices for field measurement of luminance as per IESNA standards. The LS-100 meter utilized by Francis Krahe & Associates, Inc. reports luminance data in either candelas per square meter (cd/m^2) or footlamberts (fL). All existing luminance data measured and reported in this Study are recorded as cd/m^2.

6.2 Project Analysis

The analysis of the Project includes evaluation of the light trespass illuminance from the Project at adjacent sensitive use properties, and an evaluation of glare from the Project visible at sensitive use properties or at adjacent roadway locations.

This Study presents a conservative analysis with respect to light trespass and glare. The Project Sign lighting is evaluated with all Signs operating simultaneously at the maximum daytime or nighttime brightness permitted within the limits of the WEHO Policy.

a. Project Light Trespass Analysis

Light trespass illuminance is evaluated with respect to vertical illuminance at the locations where lighting is under review through the illumination modeling software program AGI32. This software utilizes the Project three-dimensional architectural computer model and the building exterior materials to generate an accurate prediction of future Project illuminance from the Project Signs identified within the Concept Design Documents (Appendix A). The calculated illuminance data is presented at 10 feet on center within a vertical planar surface. The calculation plane simulates the illumination (fc) captured by light meters.

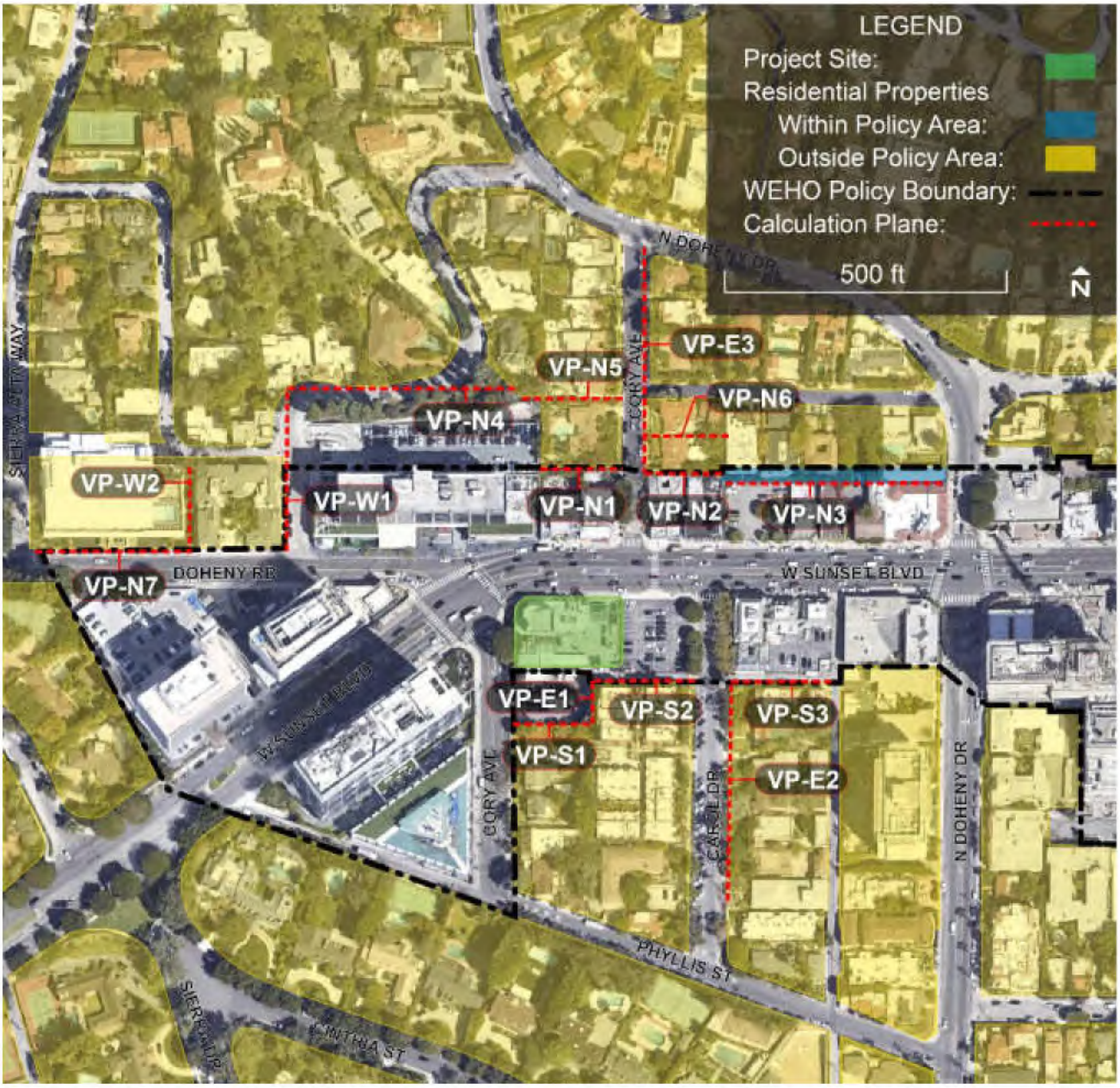


Figure 4: Sign Lighting Vertical Calculations Planes

Light trespass illuminance from the Project Signs is evaluated in this Study at the nearest residentially zoned properties to the north, south, east, and west. Vertical calculation planes for the Sign light trespass analysis are presented in Figure 4. The locations for analysis correspond to the nearby residentially zoned properties, as illustrated. Light trespass illuminance is evaluated within vertical planes at each adjacent property line location extending from grade to above the maximum height of the residential building where the Sign light trespass is under review.

The vertical calculation planes analyze the lighting at locations at or nearest to the Project property line, which will be greater than the illuminance at any location more distant from the Project. Incident light (fc) from a source degrades in proportion to the inverse square of the distance from the source to the location where lighting is under review. The illuminance Ev (fc) incident at any given distance D (ft) from an illuminated surface S (ft^2) with uniform surface luminance of L (cd/m^2) is calculated by the following formula:

$$E_v = \frac{L \times S}{10.76 \times D^2}$$

This formula illustrates the reduction in illuminance at any location as the distance increases from a light source. Locations more distant from the Project site than the locations analyzed will receive less light from the Project due to the increased distance. Therefore, the Project will produce a less significant light trespass impact on residential properties or other sensitive sites more distant from the review locations identified in Figure 4 above.

b. Project Glare Analysis

Glare from the Project is evaluated at adjacent residentially zoned properties and for drivers on adjacent roadways. Project Sign luminance is evaluated by the contrast ratio, which equals the maximum Project luminance divided by the measured average existing luminance within the field of view as measured at the Monitoring Sites identified in the field survey of existing conditions (see Section 7 below). Contrast ratios greater than 30:1 are considered potential glare conditions.

Luminance is independent of distance for large area sources, such as illuminated signs, where the viewing locations are relatively close to the sign and the sign fills a large portion of the field of view. At viewing locations less than 19 times the height or width of the illuminated surface, the sampled area viewed or measured by a luminance meter increases with distance, cancelling the inverse square losses. The standard meter for luminance measurement utilizes a 3 degree lens, thus the 3 degree view translates to approximately 19.1 times the height or width dimension. At viewing locations beyond 19 times the height or width the illuminated surface becomes a point source, and the inverse square relationship will again predict the measured luminance or perceived brightness. The Project includes Signs as defined in Appendix A. The luminance of the Project Signs is analyzed with a constant luminance of 300 cd/m^2 at night.

The potential roadway glare impacts are analyzed with respect to the Project luminance compliance with the California Vehicle Code requirements for both night and day conditions. According to California Vehicle Code Section 21466.5, the Project would have a significant impact with regard to artificial light or glare if:

> The maximum measured brightness of a light source within 10 degrees from a driver's normal line of sight exceeds 1,000 times the minimum measured brightness in the driver's field of view, except when the minimum values are less than 10 footlamberts (fL).

Or:

> At minimum luminance less than 10 footlamberts (fL) the source brightness exceeds 500 fL plus 100 times the angle, in degrees, between the driver's line of sight and the light source.

c. Review of Nearby Existing and Proposed Signs

The Study includes a review of light which may be generated by nearby existing and proposed future signs which are part of the Arts and Advertising program, relative to the light generated from the Project Sign. This review is included to predict where lighting from the Project Sign and adjacent signs may overlap. All sign lighting regulations apply to each sign individually and are not collectively regulated.

To determine the locations where light from the Project Sign and nearby signs may overlap, the maximum distance from each sign where the light from the sign degrades to 1.4 fc or less is calculated and then illustrated on a plan view diagram. The locations where these plan diagrams overlap indicates an area where the light from the Project Sign may increase the ambient illumination in conjunction with an adjacent sign. The calculation of the distance from the signs where light from the sign degrades to 1.4 fc or less is based upon a very conservative method, that assumes equivalent radial intensity from the Signs. In fact, the signs do not operate in this manner. However, this calculation presents a conservative evaluation of the extent of the sign lighting intensity.

The maximum extent of light spread of each sign is calculated using the Inverse Square Law. Incident light (fc) from a source degrades in proportion to the inverse square of the distance from the source to the location where lighting is under review. The illuminance E_v (fc) incident at any given distance D (ft) from an illuminated surface S (ft^2) with uniform surface luminance of L (cd/m^2) is calculated by the following formula:

$$E_v = \frac{L \times S}{10.76 \times D^2}$$

This formula illustrates the reduction in illuminance at any location as the distance increases from a source surface. Therefore, this formula may be used to determine the distance (D) where light from the sign will degrade to 1.4 fc.

$$D = \text{square root} \frac{L \times S}{E_v \times 10.76}$$

The above formula is used to calculate the distance where illuminance reaches 1.4 fc for each sign for at the maximum luminance and sign area. This distance is then used in the figures presented in Section 8.3 below to diagram the maximum extent of light from the Signs to evaluate potential locations where two or more signs are illuminating a particular sensitive use location.

7. Project Existing Conditions

This Lighting Study by Francis Krahe & Associate Inc. (Study) analyzes proposed lighting associated with the Sunset Jewel Box (Project) located at 9176 Sunset Boulevard in the City of West Hollywood, California. The existing lighting conditions within and surrounding the Project include city streetlights, exterior parking lot lights, exterior lighting utilized for security and safety, commercial illuminated signs, and landscape lighting at adjacent residences.

The distance from the Project to adjacent residential properties varies considerably. Residential properties exist to the north, south, east, and west. The closest existing residential property to the Project site is located approximately 104 feet to the southeast of the Project at 1031 Carol Street.

7.1 Existing Conditions Monitoring Sites

Monitoring sites are utilized to describe and evaluate the existing lighting conditions at and surrounding the Project to determine the maximum potential impacts that may result from light or glare onto adjacent sensitive sites surrounding the Project site. All Monitoring Site locations are within close proximity of the Project and have views of the Property. Monitoring Sites may also be considered existing residentially zoned properties, or may be located adjacent to existing residential properties.

The following criteria are used to select potential Monitoring Site locations:

Project Light Visibility – Monitoring sites are analyzed that provide direct view of the areas of greatest light intensity from the Project.

Proximity – Monitoring sites at the least distance to the Project are analyzed. These locations are selected because light intensity decreases exponentially with distance. Locations at a greater distance will experience less light intensity than nearby locations.

Figure 5 shows the Project's location, the Monitoring Site locations and the properties surrounding the Project. The Project site is shaded green. Monitoring Site locations were selected for observation and field lighting measurements to evaluate the views to the Project from adjacent residential properties and to determine the extent and intensity of existing light sources within and surrounding the Project. The Monitoring Sites are within the public right of way, adjacent to residences or at the Project property line. These locations are representative of the view to the Project from the vicinity of the sensitive sites surrounding the Project to the north, south, east, and west.

Figure 5 illustrates the following Monitoring Site locations:

Monitoring Site M-E1: Monitoring Site M-E1 is located adjacent to 1033 Carol Drive at the west side of the Carol Street right of way, to evaluate the Project east elevation and east facing Signs. The distance to the Project property line is approximately 104 feet.

Monitoring Site M-N1: Monitoring Site M-N1 is located within the public right of way, adjacent to the west property line of 1112 Cory Ave., to evaluate the Project north elevation and north facing Signs. The distance to the Project property line is approximately 215 feet.



Figure 5: Monitoring Sites

Monitoring Site M-N2: Monitoring Site M-N2 is located within the public right of way, adjacent to 1245 North Doheny Drive, to evaluate the Project north elevation and north facing Signs. The distance to the Project property line is approximately 930 feet. The Project Signs may be visible from M-N2 due to the increased street elevation relative to the Project site and the elevation of buildings and trees between the Project site and M-N2. Properties to the south of M-N2 along Doheny Drive are at lower elevation relative to the Project Sign and the view from Doheny Drive to the Project Site is obscured by trees and buildings fronting on Sunset Boulevard.

Monitoring Site M-W1: Monitoring Site M-W1 is located adjacent to the east property line of 9233 Doheny Road, at the west sidewalk of Sunset Hills Road, to evaluate the Project west elevation

and west facing Signs. The distance to the Project property line is approximately 375 feet.

Monitoring Site M-W2: Monitoring Site M-W2 is located within the public right of way adjacent to the east property line of 9255 Doheny Road, at the east corner of Sierra Tower, to evaluate the Project west elevation and west facing Signs. The distance to the Project property line is approximately 524 feet.

Monitoring Site M-S1: Monitoring Site M-S1 is located within the public right of way adjacent to the north property line of 1024 Corey Ave., to the south of the Project site, to evaluate the Project south elevations and south facing Signs. The distance to the Project property line is approximately 105 feet. The Signs may be visible on the west elevation of the Project.

7.2 Criteria

As established in Section 1.3, the following factors were used to assess the existing conditions at each Monitoring Site:

Table 1. Existing Conditions Lighting Criteria

Criteria	Metric	Procedure
Light trespass - Illuminance	Measured illuminance (footcandle) documented at each Monitoring Site	Measured illuminance recorded each Monitoring Site with Minolta illuminance meter.
Glare – Contrast Ratio	Measured luminance candelas per meter squared, documented at each Monitoring Site Observed existing conditions	Measured luminance recorded at each Monitoring Site with Minolta luminance meter. Day and night photograph to record the evaluation of the view to the Project Site from the Monitoring Site in terms of Project visibility and prominent light sources, lighted surfaces, and illuminated signs.

7.3 Monitoring Site Survey Data

The observations and measurement of existing lighting conditions within and surrounding the Property are summarized below in relation to the evaluation factors established in Section 5, Significance Threshold:

Illuminance: The Illuminance listed in Table 2, below, summarize the measured illuminance at the Monitoring Sites. The measured illuminance is consistent with an urban lighting condition, with relatively high illuminance at the street and sidewalk within the public right of way and nearby commercial properties, and lower illuminance within the residential properties, but sufficient light for safety and security. The existing Property includes lighting for the existing parking lot and signs. Adjacent commercial properties to the south, east, and west contribute to a relatively bright night environment.

Measured illuminance greater than 1.4 fc is evaluated as high illuminance, from 0.75 fc to 1.4 fc is evaluated as medium illuminance, and from 0.74 fc or less as low illuminance.

The highest existing horizontal illuminance level was recorded at Monitoring Site at M-W1 with 1.81 fc, while the lowest horizontal illuminance was recorded at Monitoring Site M-S1 at 0.20 fc. The highest existing vertical illuminance level was recorded at Monitoring Site M-W2 at 1.00 fc, while the lowest vertical illuminance was recorded at Monitoring Site M-N2 at 0.08 fc.

Table 2. Measured Illuminance (fc) at Monitoring Sites

Monitoring Site	Illuminance (fc)		Location	Evaluation
	Horizontal	Vertical		
M-E1	0.69	0.90	1033 Carol Drive	Low Horizontal, Medium Vertical illuminance
M-N1	0.48	0.50	1112 Cory Avenue	Low Horizontal, Low Vertical illuminance
M-N2	0.22	0.08	1245 North Doheny Drive	Low Horizontal, Low Vertical illuminance
M-W1	1.81	0.40	9233 Doheny Road	High Horizontal, Low Vertical illuminance
M-W2	1.70	1.00	9255 Doheny Road	High Horizontal, Medium Vertical illuminance
M-S1	0.20	0.29	1024 Corey Avenue	Low Horizontal, Low Vertical illuminance

Contrast/Glare: The visual evaluation of High, Medium, and Low Contrast describes the perception of how bright a visible object appears to the surrounding objects within any given field of view and context. High Contrast indicates a potential glare condition for residential properties nearby.

Contrast is the ratio of one surface luminance to a second surface luminance or to the field of view. Contrast exceeding 30 to 1 is usually deemed uncomfortable and is evaluated as high; contrast less than 30 to 1 but greater than 10 to 1 is evaluated as medium contrast; contrast 10 to 1 or less is evaluated as low.

The measured luminance recorded at the Monitoring Sites within the view to the Project includes prominent, high brightness light sources and illuminated surfaces, such as streetlights, illuminated signs, and flood lighted buildings, as well as lower brightness surfaces such as sidewalks, parking lots, and un-illuminated walls or landscape areas. The existing Project site is a commercial site with parking lot light poles and existing exterior lights. The site is well illuminated with many bright surfaces visible. The range of recorded luminance is summarized in Table 3.

For this Study the following luminance criteria are applied to measured and calculated luminance: Luminance below 10 cd/m^2 is evaluated as Low luminance; Luminance greater than 10 cd/m^2 and less than 300 cd/m^2 is evaluated as medium luminance; Luminance greater than 300 cd/m^2 is evaluated as high luminance.

The highest average luminance was recorded at Monitoring Site M-E1 at 594 cd/m^2, while the lowest average luminance was measured at Monitoring Site M-W1 at 60.5 cd/m^2. The measured average luminance is High Luminance (greater than 300 cd/m^2) at Monitoring Site M-E1. All other monitoring sites average luminance is evaluated as Medium Luminance (greater than 10 cd/m^2 and less than 300 cd/m^2).

The highest maximum luminance was recorded at Monitoring Site M-E1 with 5790 cd/m^2, while the lowest maximum luminance was measured at Monitoring Site M-S1 at 758.3 cd/m^2. The measured maximum luminance is High Luminance (greater than 300 cd/m^2) at all six monitoring sites.

The calculated contrast ratio (maximum luminance / average luminance) varies from a minimum of 6.5 to 1 at Monitoring Site M-S1 to a maximum of 20.7 to 1 at Monitoring Site M-W1. The calculated existing contrast ratio at Monitoring Site M-E1 and M-S1 are Low contrast (less than 10 to 1). The existing contrast ratio at Monitoring Sites M-N1, M-N2, M-W1, and M-W2 are Medium contrast (less than 30 to 1 and greater than 10 to 1).

Table 3: Measured Luminance (cd/m^2) at Monitoring Sites

Monitoring Site	Luminance (cd/m^2)		Contrast Ratio (Max / Average)	Location	Evaluation
	Average	Maximum			
M-E1	594	5790	9.7 : 1	1033 Carol Drive	High average luminance, High maximum luminance, low contrast
M-N1	137	1671	12.2 : 1	1112 Cory Avenue	Medium average luminance, high maximum luminance, medium contrast
M-N2	255	4031	15.8 : 1	1245 North Doheny Drive	Medium average luminance, high maximum luminance, medium contrast
M-W1	60.5	1249	20.7 : 1	9233 Doheny Road	Medium average luminance, high maximum luminance, medium contrast
M-W2	240	4762	19.8 : 1	9255 Doheny Road	Medium average luminance, high maximum luminance, medium contrast
M-S1	116	758	6.5 : 1	1024 Corey Avenue	Medium average luminance, high maximum luminance, low contrast

a. Monitoring Site M-E1:

Monitoring Site M-E1 is located adjacent to 1033 Carol Drive at the west side of the Carol Street right of way, to evaluate the Project east elevation and east facing Signs. The distance to the Project property line is approximately 104 feet.



Figure 6: M-E1 September 19, 2024, 4:02 pm.

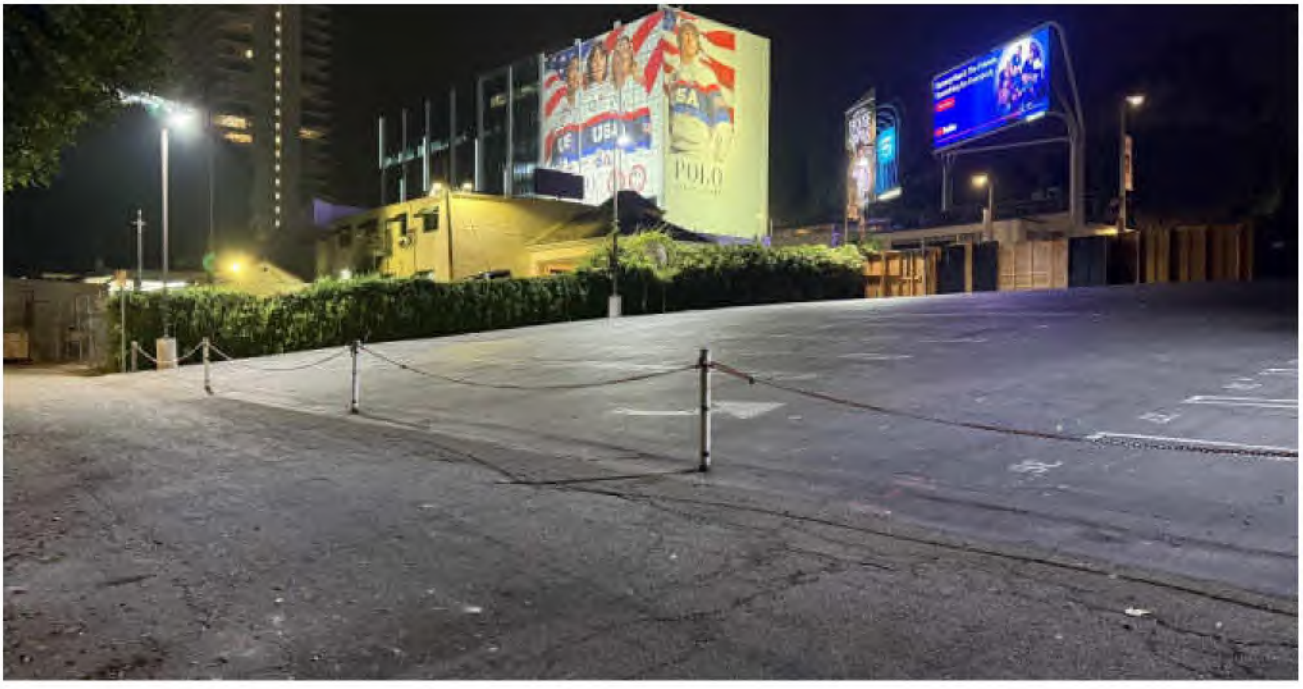


Figure 7: M-E1 September 23, 2024, 8:36 pm.

b. Monitoring Site M-N1:

Monitoring Site M-N1 is located within the public right of way, adjacent to the west property line of 1112 Cory Ave., to evaluate the Project north elevation and north facing Signs. The distance to the Project property line is approximately 215 feet.

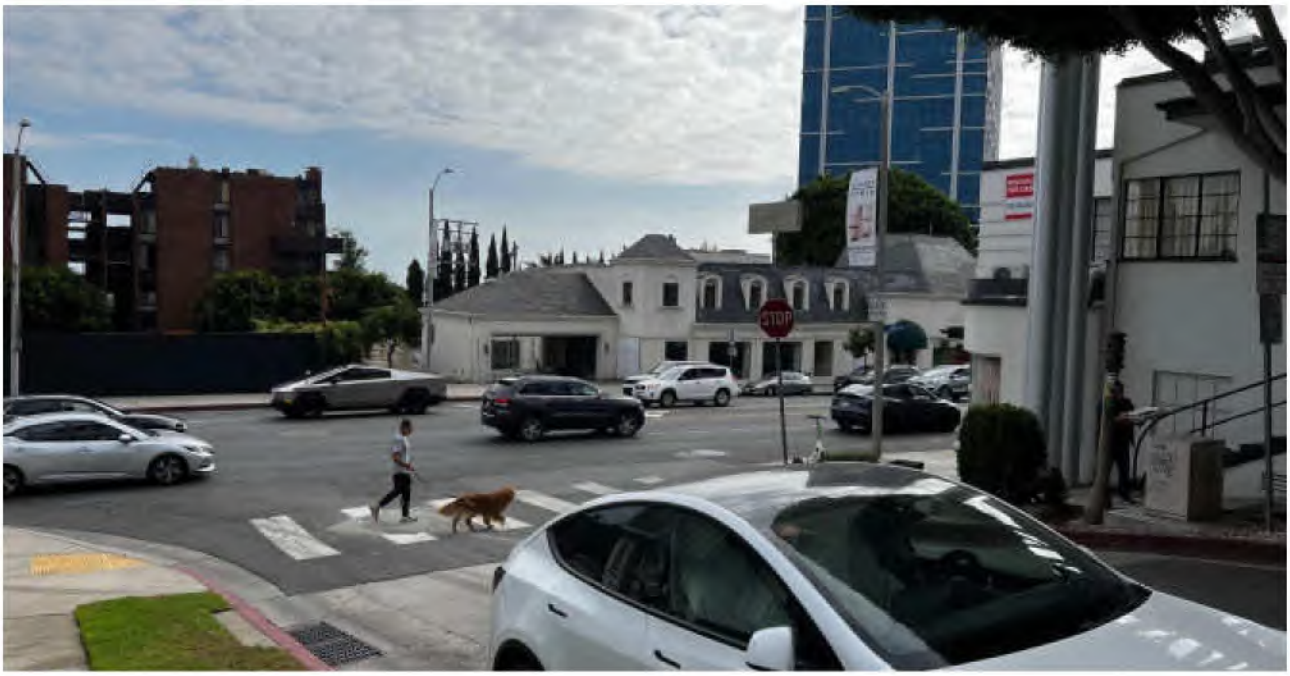


Figure 8: M-N1 September 19, 2024, 4:03 pm.

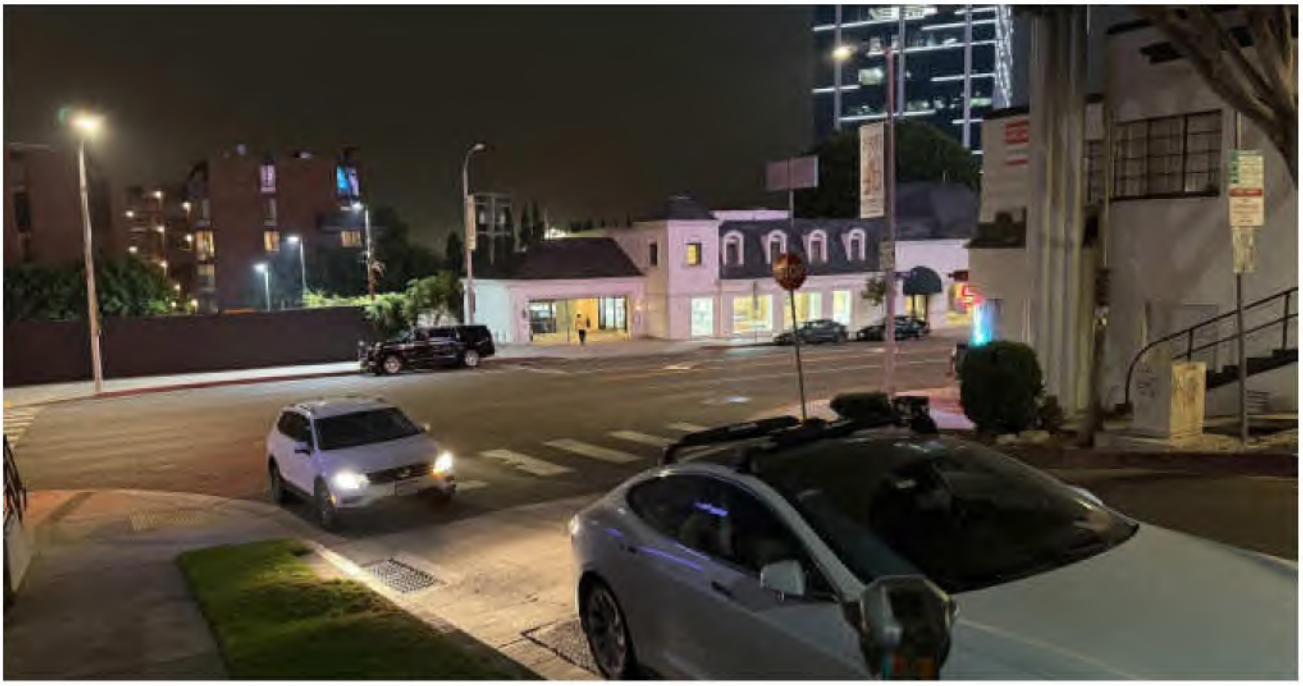


Figure 9: M-N1 September 23, 2024, 8:47 pm.

c. Monitoring Site M-N2:

Monitoring Site M-N2 is located within the public right of way, adjacent to 1245 North Doheny Drive, to evaluate the Project north elevation and north facing Signs. The distance to the Project property line is approximately 930 feet. The Project Sign Lighting may be visible from M-N2 due to the increased street elevation relative to the Project Site and the elevation of buildings and trees between the Project site and M-N2. Properties to the south of M-N2 along Doheny Drive are at lower elevation relative to the Project Sign and the view from Doheny Drive to the Project Site is obscured by trees and buildings fronting on Sunset Boulevard.



Figure 10: M-N2 February 3, 2021, 11:50 am.

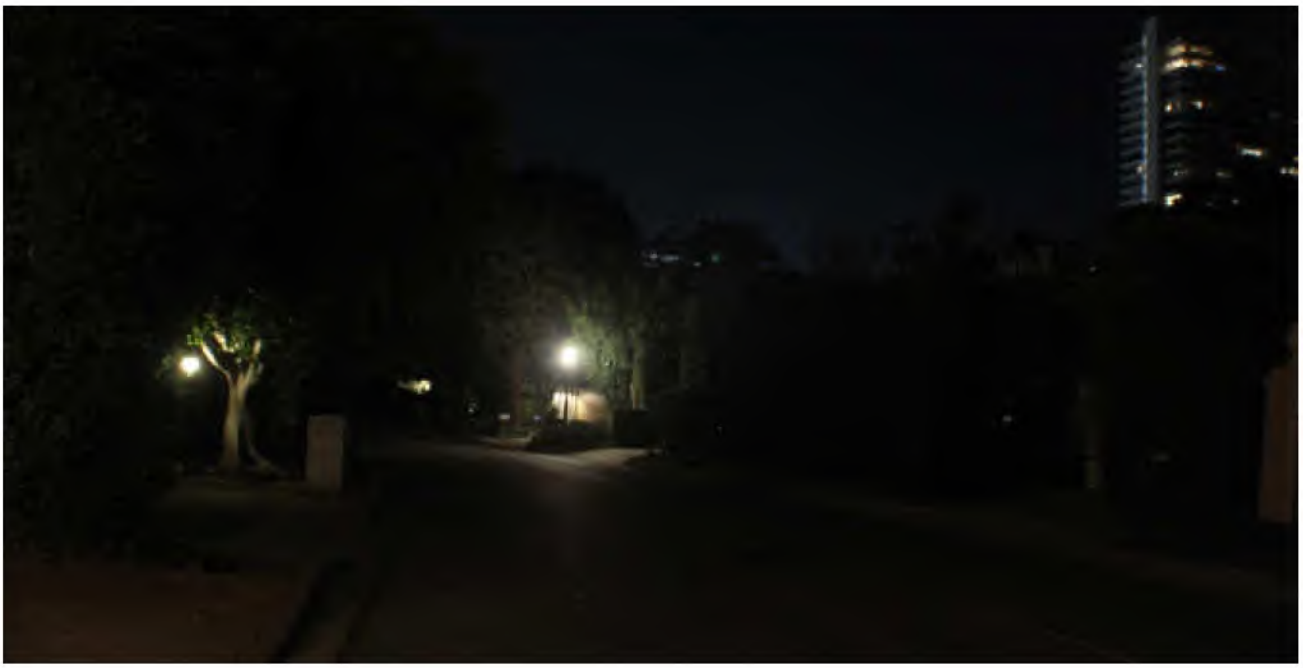


Figure 11: M-N2 February 15, 2021, 9:09 pm.

d. Monitoring Site M-W1:

Monitoring Site M-W1 is located adjacent to the east property line of 9233 Doheny Road, at the west sidewalk of Sunset Hills Road, to evaluate the Project west elevation and west facing Signs. The distance to the Project property line is approximately 375 feet.



Figure 12: M-W1 September 19, 2024, 3:58 pm.

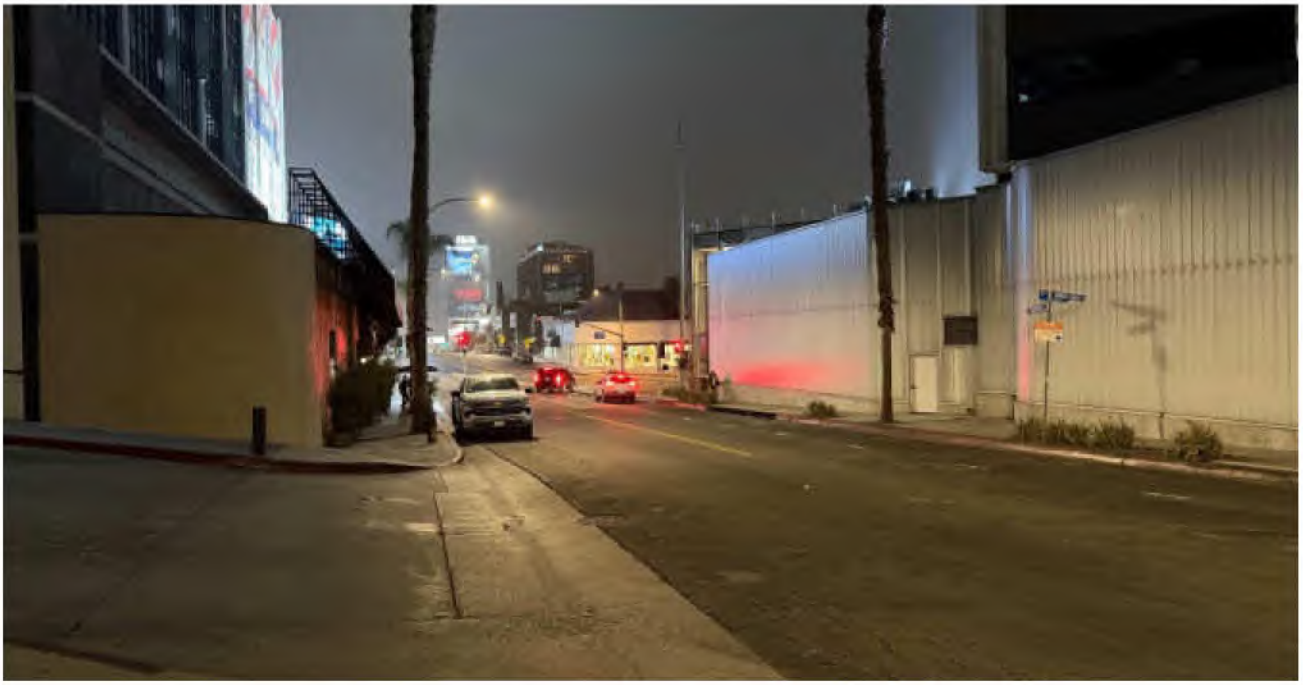


Figure 13: M-W1 September 23, 2024, 8:59 pm.

e. Monitoring Site M-W2:

Monitoring Site M-W2 is located within the public right of way adjacent to the east property line of 9255 Doheny Road, at the east corner of Sierra Tower, to evaluate the Project west elevation and west facing Signs. The distance to the Project property line is approximately 524 feet.



Figure 14: M-W2 September 19, 2024, 3:59 pm.

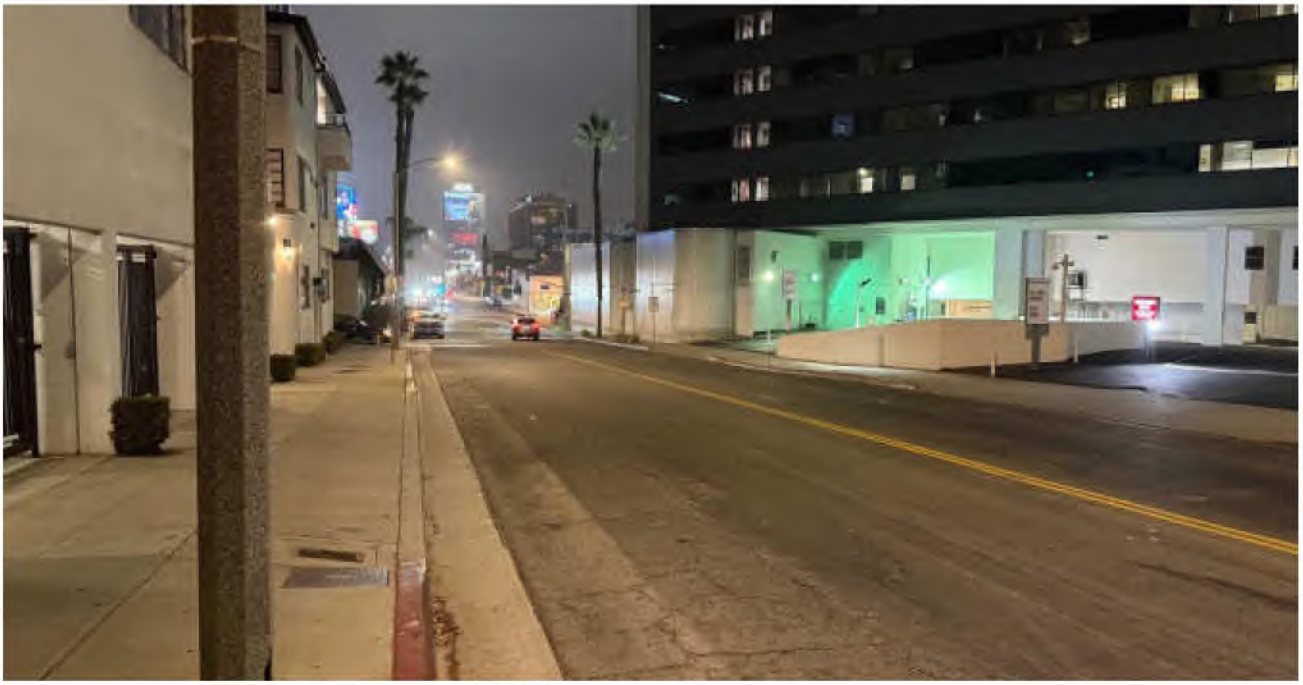


Figure 15: M-W2 September 23, 2024, 9:06 pm.

f. Monitoring Site M-S1:

Monitoring Site M-S1 is located within the public right of way adjacent to the north property line of 1024 Corey Ave., to the south of the Project site, to evaluate the Project south elevations and south facing Signs. The distance to the Project property line is approximately 105 feet. There may be an obstructed view of the Signs located on the west elevation of the Project.



Figure 16: M-S1 September 19, 2024, 4:07 pm.



Figure 17: M-S1 September 23, 2024, 9:17 pm.

8. The Project Analysis

The Project would introduce a new Signs as described in Section 2 and depicted in Appendix A.

The following criteria are used to evaluate the Project impacts from the Project Signs with respect to light trespass:

- Project Signs light trespass illuminance must be less than 1.4 fc at residential zoned property lines adjacent to Sunset Boulevard.

- The Project Signs light trespass illuminance must be less than 0.74 fc at residential zoned property lines outside of the Specific Plan boundary, and/or within the City of Los Angeles or Beverly Hills.

The following criteria are used to evaluate the Project impacts from the Project Signs with respect to glare:

- Project Signs luminance visible from residential properties must be less than high contrast conditions, less than 30 to 1 contrast ratios (Project maximum luminance to Average Measured luminance).

- Project Signs luminance visible within 10 degrees from the driver's normal field of view must be less 500 fL and or less than 1,000 times the minimum measured brightness in the driver's field of view, except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlambert shall not exceed 500 plus 100 times the angle, in degrees, between the driver's field of view and the light source.

8.1 Project Light Trespass Illuminance Analysis

The Project Signs locations and dimensions are identified in detail within the Appendix A, and evaluated with all Signs operating simultaneously at maximum nighttime luminance of 300 cd/m^2, all white. The Project Signs will not operate in this manner in practice. However, this analysis represents a conservative evaluation of the Project Signs' potential for offsite light trespass illuminance and glare.

Specifically, the proposed Project Signs would conform to the requirements stipulated in the WEHO Policy for those properties within or abutting the Specific Plan, and by CalGreen for properties beyond the boundary of the Specific Plan, and evaluated under the performance requirements stipulated therein.

a. Light Trespass Illuminance Analysis

The Project Signs light trespass analysis evaluates the illuminance (fc) from the Project Signs leaving the Project site toward adjacent residentially zoned or other sensitive use properties. The Project Signs include the Signs as defined in and as illustrated in the Concept Design Documents in Appendix A. Tables 4 and 5 summarize the Signs light trespass illuminance calculation data at the vertical plane locations illustrated in Figure 4, which are located at the nearest residential properties. Complete calculated data is presented in Appendix J.

The Project Signs light trespass analysis evaluates the illuminance (fc) at residential properties within the Specific Plan subject to the WEHO Policy, including properties at the boundary of the Specific Plan. Vertical planes which are within or at the boundary of the Specific Plan are listed in Table 4 are analyzed relative to the WEHO Policy threshold of 1.4 fc. The Project Signs maximum calculated illuminance in Table 4 varies from a minimum of 0.00 fc at vertical plane VP-S3 to a maximum of 0.20 fc at vertical plane VP-N1 and VP-W1. All vertical calculation plane illuminance values from the Project Signs are below the 1.4 fc threshold.

Table 4: Signs Trespass Illuminance (fc) at 300 cd/m^2, WEHO Policy

Vertical Plane	Illuminance (fc)			Analysis (1.4 fc threshold)
	Max	Min	Avg	
VP-N1	0.20	0.00	0.17	Less than threshold
VP-N2	0.10	0.00	0.08	Less than threshold
VP-N3	0.10	0.00	0.00	Less than threshold
VP-N7	0.00	0.00	0.00	Less than threshold
VP-S2	0.10	0.00	0.04	Less than threshold
VP-S3	0.00	0.00	0.00	Less than threshold
VP-W1	0.20	0.00	0.05	Less than threshold

The Project Signs light trespass analysis evaluates the illuminance (fc) from the Project Signs leaving the Project site toward residentially zoned or other sensitive use properties beyond the boundary of the Specific Plan relative to the CalGreen threshold of 0.74 fc, which applies to all areas in the cities of West Hollywood, Los Angeles, and Beverly Hills. The Project Signs are defined and as illustrated in the Project Concept Sign Plan in Appendix A. Table 5 summarizes the Sign light trespass illuminance calculation data at the vertical planes illustrated in Figure 4 which are within the City of Los Angeles and located approximately 250 feet north of Sunset Boulevard where the CalGreen threshold applies.

Table 5: Signs Trespass Illuminance (fc) at 300 cd/m^2, CalGreen

Vertical Plane	Illuminance (fc)			Analysis (0.74 fc threshold)
	Max	Min	Avg	
VP-E1	0.00	0.00	0.00	Less than threshold
VP-E2	0.10	0.00	0.01	Less than threshold
VP-E3	0.10	0.00	0.01	Less than threshold
VP-N4	0.00	0.00	0.00	Less than threshold
VP-N5	0.10	0.00	0.09	Less than threshold
VP-N6	0.10	0.00	0.08	Less than threshold
VP-S1	0.20	0.00	0.03	Less than threshold
VP-W2	0.10	0.00	0.06	Less than threshold

The Project Signs maximum calculated illuminance in Table 5 varies from a minimum of 0.00 fc at vertical planes VP-E1, VP-N4, and VP-N7 to a maximum of 0.20 fc at vertical plane VP-S1. The calculated illuminance at all vertical calculation plane locations are less than the 0.74 fc threshold established by CalGreen. Figure 18 below presents a rendered view of the Project Sign illuminance calculation data. Calculation data 0.74 fc or below appears in white text while calculation data above 0.74 fc appears in red text. All calculated light trespass illuminance from the Signs are less than 0.74 fc and therefore all calculation point data appears in white text.

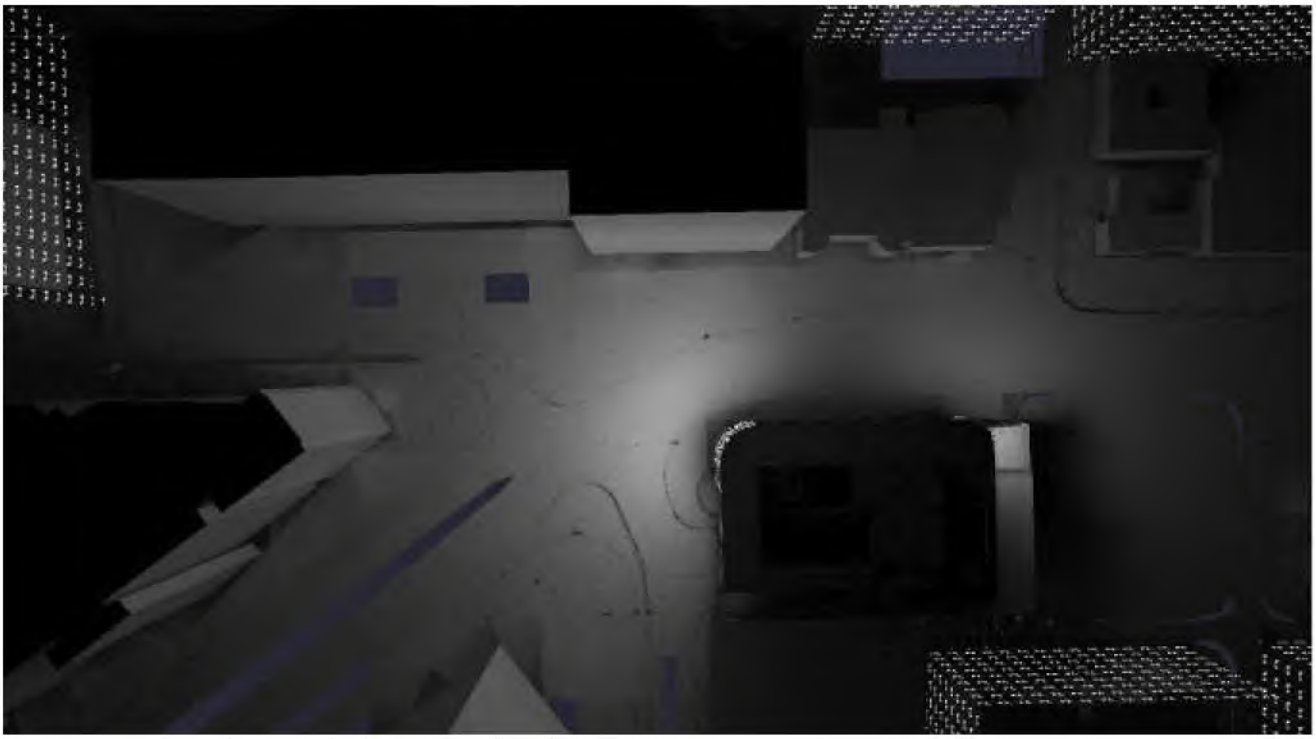


Figure 18: Sign Lighting Calculation Rendered View

8.2 Project Glare Analysis

Glare from the Project may occur when Project light sources are visible against a dark background, such as a dark sky. The Project Sign lighting may be visible from the surrounding properties to the north, south, east, and west of the Project Sites. Potential sources of glare from the Project are identified by the Contrast Ratio, which is calculated by dividing the Project maximum luminance by the average measured luminance. Contrast Ratios of 30:1 or greater indicate high contrast conditions, which may create a glare impact. Contrast Ratios less than 30:1 are considered medium contrast, and will not introduce a new source of glare. Contrast Ratios less than 10:1 are considered low contrast, and will not introduce a new source of glare. The existing average luminance is the recorded luminance measured at the Monitoring Sites as summarized in Table 3.

a. Project Signs Glare Analysis at Residential Properties

Glare from Signs occurs at residential properties when the light source is visible against a dark background, such as a dark sky. The maximum source brightness is determined by the rated source luminance. For this Study, the maximum nighttime Signs luminance is 300 cd/m^2. The measured existing luminance is summarized in Table 3 in Section 7 above. Table 6 summarizes the contrast ratios calculated for the Project Signs when operating at maximum nighttime luminance versus the average existing measured luminance in Table 3 at each Monitoring Site.

Table 6: Project Signs Contrast Ratio @ 300 cd/m^2

Monitoring Site	Existing Measured Luminance		Project Sign Luminance		Evaluation
	Average	Maximum	Max	Contrast Ratio	
M-E1	594	5790	300	0.5 : 1	Low Contrast, no Glare
M-N1	137	1671	300	2.1 : 1	Low Contrast, no Glare
M-N2	255	4031	300	1.2 : 1	Low Contrast, no Glare
M-W1	60.5	1249	300	5.0 : 1	Low Contrast, no Glare
M-W2	240	4762	300	1.3 : 1	Low Contrast, no Glare
M-S1	116	758	300	2.6 : 1	Low Contrast, no Glare

The contrast ratio is less than 10 to 1 at all six Monitoring Site locations, which is Low Contrast and indicates no glare. All six Monitoring Sites are near the Project site and have potential direct view of the Project Signs. The Low Contrast, no glare evaluation at all six Monitoring Sites indicates the Project Signs will not present a glare condition for residential properties surrounding the Project or locations more distant from the Project than the Monitoring Sites.

b. Project Glare Analysis for Roadways

The lighting impact to driver's visibility from the Project Signs is evaluated by way of the methodology defined above at the locations where lighting is under review. As summarized below, the results of this evaluation demonstrate the light impacts resulting from the Project Signs at the locations where light is under review are below the significance threshold for excessive luminance, or glare, during night, twilight (sunrise/sunset), and day. The Project meets the California Vehicle Code (CVC) standard for roadways approaching the Project from all directions.

Night

The glare analysis of the Project Signs during night assumes the Signs lighting operating at the maximum luminance (300 cd/m^2) and compares the resulting luminance to the most stringent requirements of the CVC to determine if the Project introduces a source of distracting glare to drivers. The most stringent condition identified within the CVC Section 21466.5, states: "except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlamberts (fL) shall not exceed 500 plus 100 times the angle, in roadway degrees, between the driver's field of view and the light source." Thus, a conservative evaluation, occurs where the Project Sign is visible within the centerline of the driver's field of view, the angle noted above within the field of view is 0, the surrounding surface luminance is less than 10 fL, and therefore the maximum allowable luminance is 500 fL. Therefore, the most conservative condition at night evaluates Project Signs against a threshold for luminance of a maximum 500 fL.

A measured brightness within the driver's field of view of less than 10 fL may occur at night. The Project Signs luminance is evaluated at maximum luminance of 300 cd/m^2. Calculating the equivalent Project Signs luminance by converting to english units from metric units: 300 cd/m^2 equals 87.6 fL. The Project Signs will not exceed 87.6 fL (17.5% of the 500 fL maximum), which is less than the most conservative limit stipulated by the CVC for conditions where the minimum brightness in the driver's field of view is less than 10 fL.

When the Signs are located beyond the driver's 10 degree field of view the maximum luminance is permitted to increase under the California Vehicle Code. For example, Signs located 15 degrees from the centerline of the driver's field of view would be limited to a maximum of 1,000 fL (500 fL plus 100 times the angle (5 degrees) = 1,000 fL). All Project Signs will operate at maximum luminance of 87.6 fL at night, which is 8.8% of the maximum allowed by the CVC limit for those locations at 15 degrees from the center of the driver's field of view. Therefore, at night the Project Sign beyond the drivers 10 degree field of view will not exceed the 1000 fL threshold and will not introduce a new source of glare as defined by the CVC Section 21466.5.

Twilight

The Project is also evaluated during twilight (the transition period from day to night). Sunlight increases gradually from the minimum brightness at approximately 45 to 50 minutes before sunrise (dawn) to maximum brightness at mid-day, and then decreases gradually to the minimum brightness at 45 to 50 minutes after sunset. Therefore, the minimum ambient luminance occurs between sunset and sunrise. However, in order to analyze the most conservative, low level sunlight conditions, this analysis adjusts the time frame for the minimum ambient luminance condition of 10 fL to sunset and until 20 minutes before sunrise, extending the duration of night. At sunset the ambient sunlight will be greater than the minimum values during the night, and at 20 minutes before sunrise the luminance will also be greater than the minimum at night. At sunset, the minimum luminance values within the driver's field of view will be above the minimum nighttime values (10fL) due to the light from the setting sun. However, to maintain a conservative analysis, this evaluation assumes the minimum luminance within the driver's field of view will be less than 10 fL from sunset until 20 minutes before sunrise. Therefore, the maximum luminance threshold during this time will remain at 500 fL as noted above in the evaluation of the night threshold.

The Project will operate with a maximum Sign luminance of 300 cd/m^2 (87.6 fL), from sunset to 20 minutes before sunrise. At 20 minutes before sunset, the Project Signs are specified to begin transition from the maximum daytime luminance of 6,000 cd/m^2 to the maximum nighttime luminance of 300 cd/m^2. This transition must be completed no later than sunset to avoid potential high contrast, glare conditions. Similarly, the Project Signs are specified to transition from the night maximum luminance of 300 cd/m^2 to the day maximum luminance of 6,000 cd/m^2, beginning no earlier than 20 minutes before sunrise. The duration of the transition from the night maximum luminance to maximum day luminance must be completed no earlier than sunrise.

Therefore, the Project Signs will not exceed 300 cd/m^2 for the period beginning at sunset until sunrise. The Project luminance remains limited to the 300 cd/m^2 (87.6 fL) from sunset to 20 minutes before sunrise. Therefore, at sunset and until 20 minutes before sunrise, the Project will not exceed the threshold of 500 fL, and will therefore not introduce a new source of glare.

Day

The evaluation of the Project luminance during the day (sunrise until 20 minutes before sunset) compares the daytime ambient brightness to the maximum Project brightness stipulated by the CVC during full sun conditions and overcast sky conditions. Project Signs are analyzed operating at a maximum luminance of 6,000 cd/m^2 during the day. The CVC, Section 21466.5 above permits the Project to "generate light intensity levels greater than 1,000 times the minimum measured brightness in the driver's field of view, except when the minimum values are less than 10 (fL)."

During the day (after sunrise until 20 minutes before sunset) sunlight with clear sky conditions or light overcast conditions provides sufficient illuminance to generate surface brightness greater than 10 fL and up to 1200 fL on the least reflective surfaces, such as roadway pavement. Utilizing the value of 10 fL as the minimum within the driver's field of view, the maximum allowable brightness would be 1,000 times 10 fL, or 10,000 fL. The WEHO Policy requires that the Project Signs not exceed 6,000 cd/m^2 (1,750 fL) during the daytime hours of operation, and Project Signs will therefore operate at less than 17.5% of the maximum luminance stipulated by the CVC. Therefore, the Project Signs will not create a new source of glare during daytime hours of operation with clear sky or light overcast conditions.

Severe storms, heavy cloud cover, or other atmospheric conditions may occur during the day, which may cause the minimum brightness within the driver's field of view to be less than 10 fL The Project Signs includes an electronic control system to reduce the Sign luminance from 6,000 cd/m^2 (1,750 fL) to 300 cd/m^2 (87.6 fL) maximum when the ambient sun light falls to illuminance values similar to night, less than 100 fc. During the day, when storms, cloud cover, or other low ambient sunlight conditions occur and when the ambient sunlight is less than 100 fc, the Project Signs will transition from the daytime maximum luminance of 6,000 cd/m^2 (1,750 fL) to 300 cd/m^2 (87.6 fL), and thereby ensure that the Sign brightness remains less than the maximum brightness stipulated by the CVC. Therefore, the Project will not create a new source of glare during daytime periods with storm or severe overcast weather conditions.

The Project Signs are designed to not exceed 300 cd/m^2 (87.6 fL) luminance at night, twilight, or during overcast sky conditions and will not exceed 6,000 cd/m^2 (1,750 fL) during the day. The Project Sign luminance is less than the California Vehicle Code standard, including 17.5% of the maximum allowable luminance identified as the threshold for glare during the day. Therefore, the Project Signs will not create a new source of glare to drivers on adjacent roadways.

8.3 Review of Nearby Existing and Proposed Signs

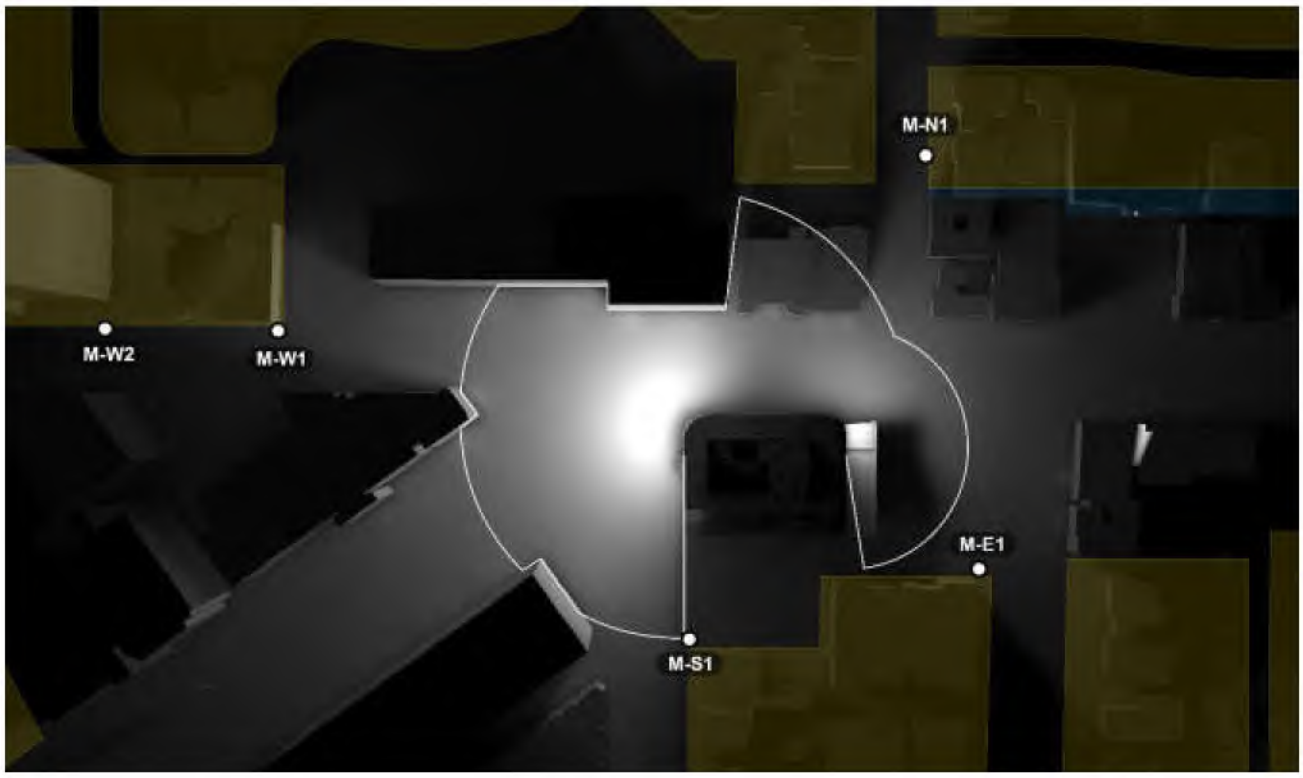
There are existing and proposed Illuminated static and digital billboards associated with the Arts and Advertising Program in the vicinity of the Project which may contribute light to areas adjacent to the Project Site. This Study reviews the lighting from the Project in conjunction with two existing signs and two approved

and not yet constructed signs, all within 500 feet of the Project. The existing signs are located at 9169 Sunset Boulevard and 9157 Sunset Boulevard. The proposed signs are located at 9229 Sunset Boulevard and 9200 Sunset Boulevard. Although the nearby signs are reviewed in conjunction with the Project Sign, light trespass from signs is regulated individually. The Sign's compliance with the applicable thresholds discussed in Section 5 above confirm that light trespass impacts would be less than significant. This review of nearby signs diagrams the maximum extent which the Project Sign may add light to the surrounding areas and overlays the extent of light from the nearby signs to determine where light from the Project Sign and nearby signs may overlap. The maximum distance at which the Sign may create light trespass values exceed 1.4 fc is calculated by applying the inverse square law, as described in the methodology described in Section 6.2.c above.

The largest sign area occurs on west elevation of the building, with a projected area of approximately 1,764 square feet. Utilizing the west facing signage area, the calculation yields a distance of 187 feet to 1.4 fc. The Project's east facing sign is smaller at 500 square feet, which yields a distance of 100 feet to 1.4 fc.The calculation of the distance from the signs where light from the sign degrades to 1.4 fc is based upon a very conservative analysis, that assumes equivalent radial intensity from the Signs. In fact the signs do not operate in this manner. However, this calculation presents a conservative evaluation of the extent of the sign lighting intensity to illustrate where the light from the signs may overlap.

Figure 19 below graphically indicates the maximum distance where light from the Project equals 1.4 fc, which is illustrated as a white line. While the white line extends into residential properties, the light trespass calculated in Section 8.1 above is well below 1.4 fc at all residential properties, due to Sign size, shape, and orientation. All locations farther outside of the white line illustrated in the diagrams will receive less than 1.4 fc.

Figure 19: Project Illuminance at 1. 4 fc Rendered View



Figures 20 through 23 illustrate similar light patterns from each of the four adjacent signs, two existing and two proposed, in conjunction with the Project Sign. The extent of the area within the blue line indicates the maximum distance from the existing or proposed signs to where the light from each sign is equal to or less than 0.74 fc. The distance from each of the four adjacent signs is calculated with maximum sign area allowed by the WEHO Policy of 1,000 sqft operating at a luminance of 300 cd/m^2. The blue line illustrates the boundary

of Sign illuminance greater than 1.4 fc for each of the nearby signs. Light degrades exponentially as distance increases from the sign, and residentially zoned properties outside of the blue line footprint will receive light less than 1.4 fc from the sign.

In general, these rendered views of adjacent signs indicate that the direction of light from each of the adjacent signs is not aligned with the direction of the Project Sign. Therefore, light from the Project Sign and surrounding signs does not substantially increase the illuminance at any sensitive use properties.

The 9229 Sunset sign in Figure 20 is oriented in the opposite direction (northeast facing) to the nearest Project Sign face (west facing), and is distant (greater than 500 feet) from any residential properties to the east of the Project where the Project east facing sign would be visible. The 9229 Sunset sign will increase the light within Sunset Boulevard and within Doheny Road near the intersection with Sunset Boulevard. However, there is no increased light trespass illuminance at the adjacent residentially zoned properties that would exceed 1.4 fc.

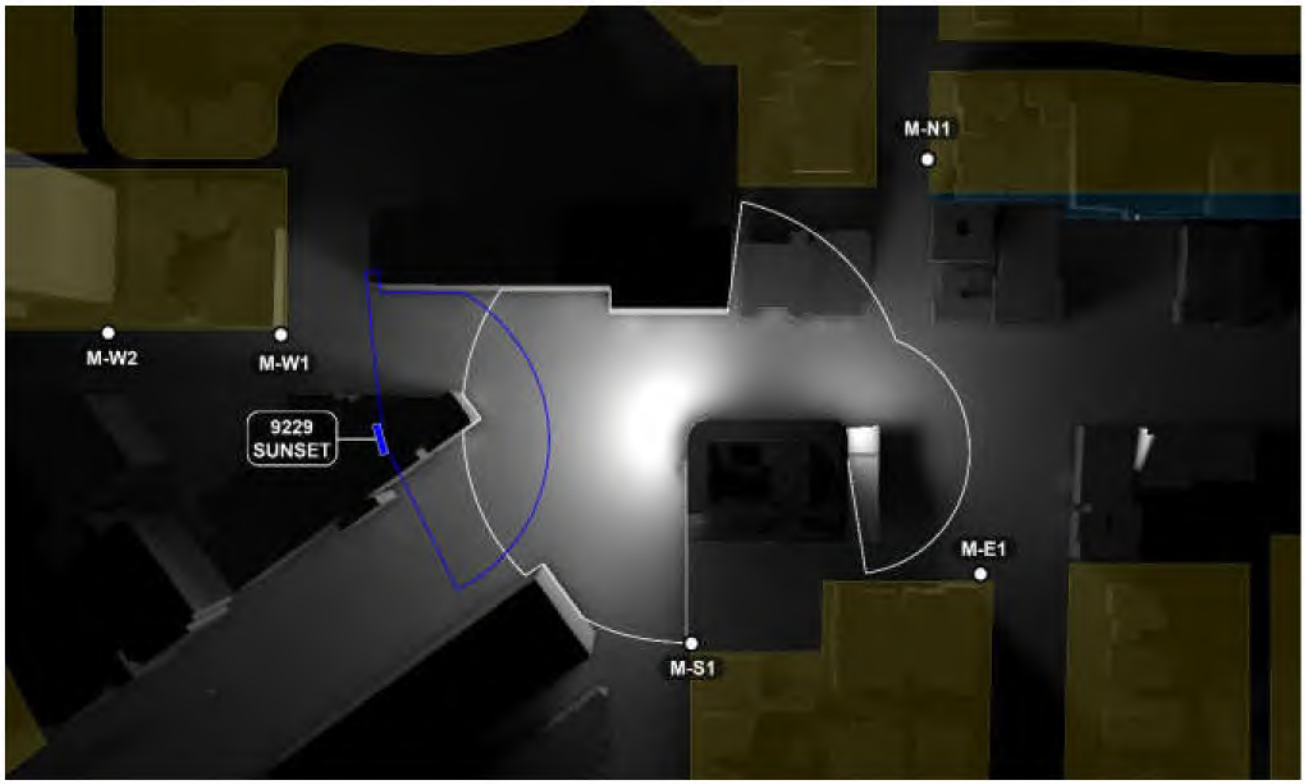


Figure 20: Project Illuminance and 9229 Sunset at 1.4 fc.

The extent of the area within the blue line shown in Figure 21 indicates the maximum distance from the 9200 Sunset sign to where the light is equal to or less than 1.4 fc. The north facing sign of 9200 Sunset does not overlap with the portion of the Project Sign that would be visible to residentially zoned properties surrounding the Project. The view from residentially zoned properties to the north of the sign at 9200 Sunset Boulevard is largely blocked by adjacent commercial buildings. The 9200 Sunset sign will increase the light within Sunset Boulevard and within Doheny Road near the intersection with Sunset Boulevard. However, there is no increased light trespass illuminance at nearby residentially zoned properties that would exceed 1.4 fc.

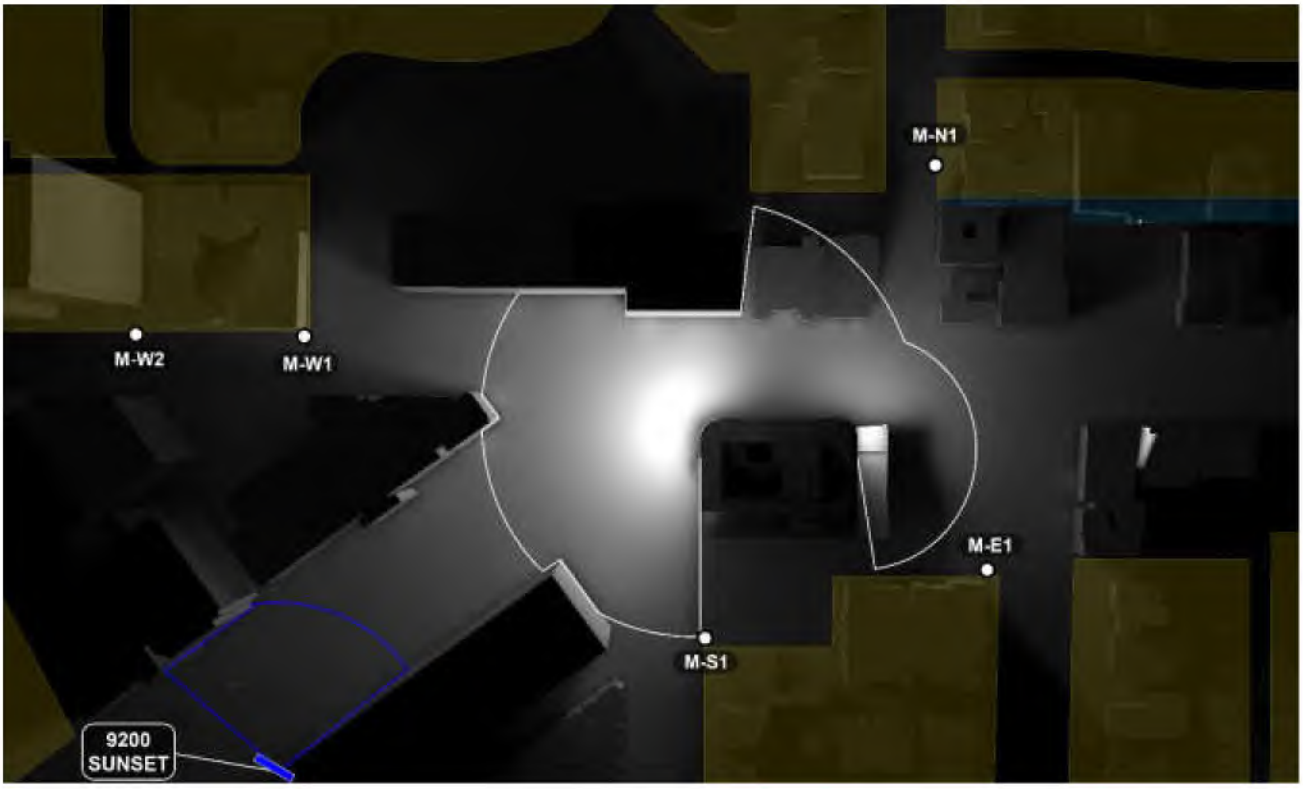


Figure 21: Project Illuminance and 9200 Sunset at 1.4 fc.

Existing signs 9169 Sunset Boulevard (Figure 22) and 9157 Sunset Boulevard (Figure 23) are south facing signs. While these two signs add light to the Sunset Boulevard right of way, they are facing the opposite direction as the Project Sign and do not add to the light from the Project Sign at any residentially zoned properties with a view to the Project Sign.

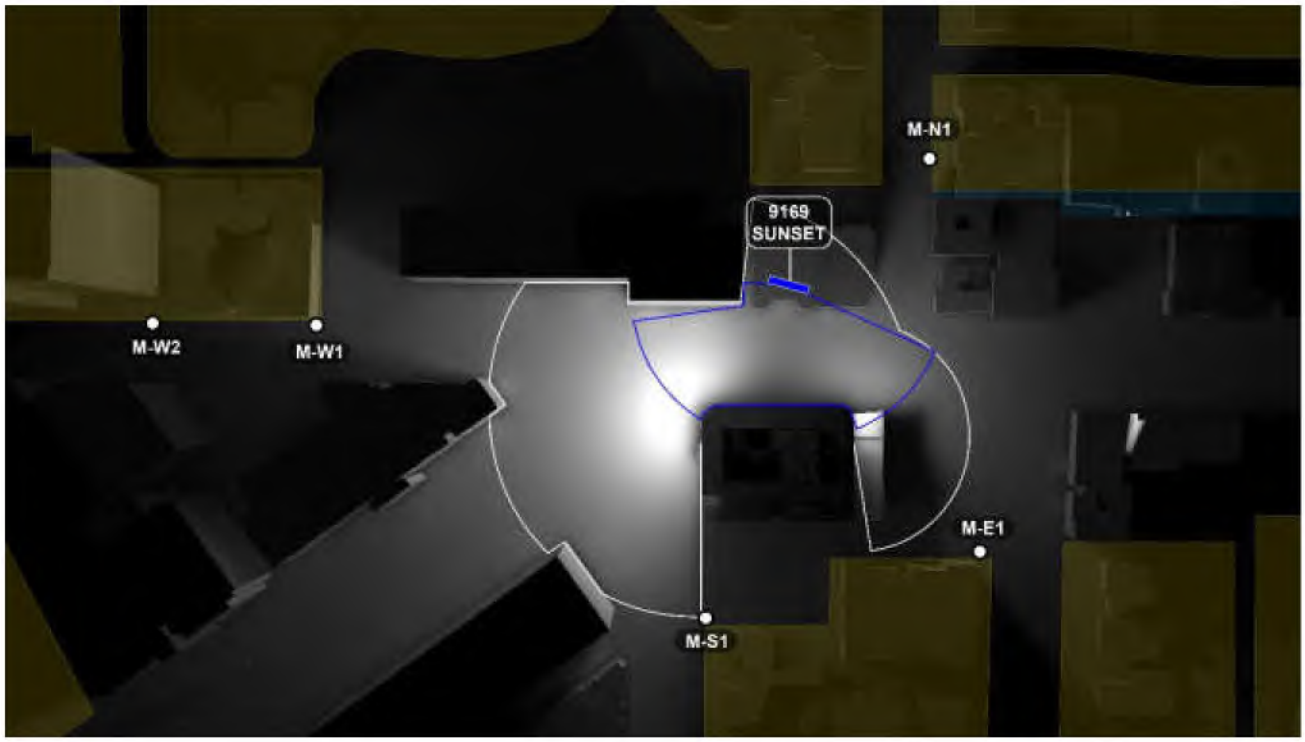


Figure 22: Project Illuminance and 9169 Sunset at 1.4 fc.

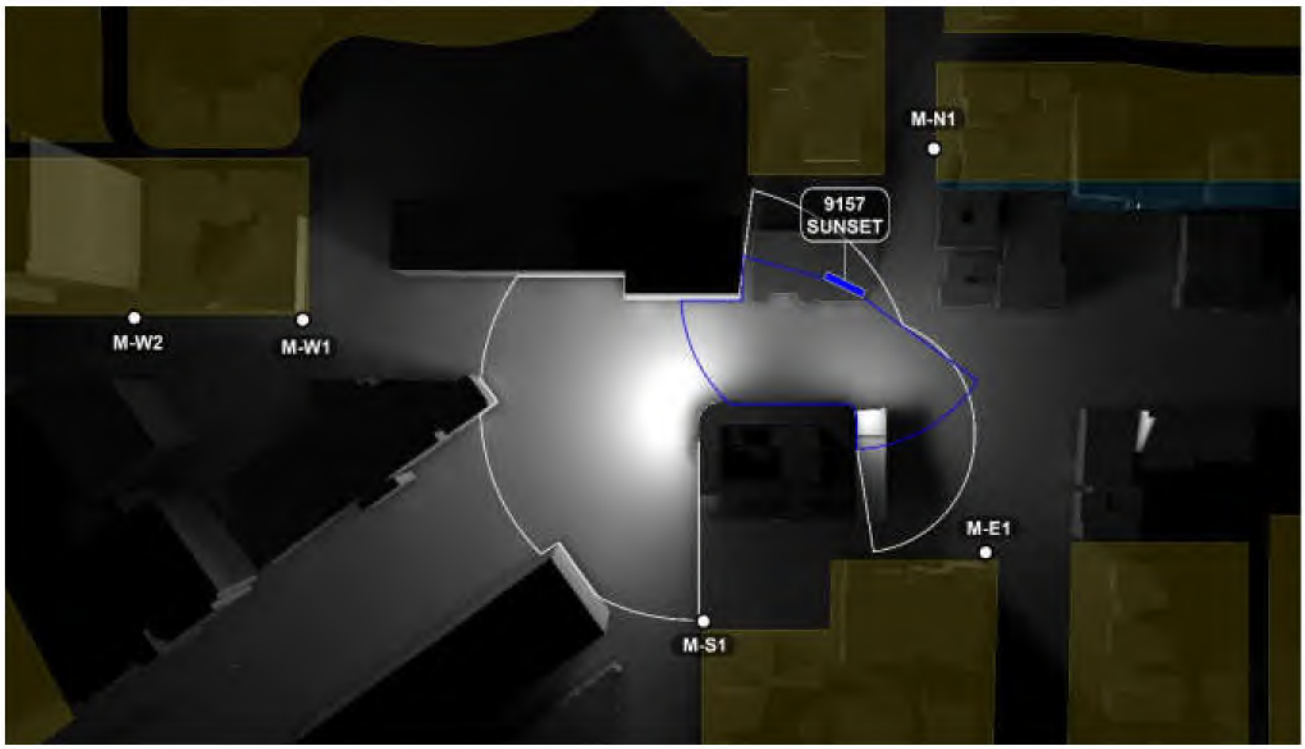


Figure 23: Project Illuminance and 9157 Sunset at 1.4 fc.

This review of nearby existing and proposed signs demonstrates that there are limited locations where the Project sign and another nearby sign are visible simultaneously. The reviewed signs are oriented toward Sunset Boulevard, which is a commercial zone, and away from the residentially zoned properties further to the north and south of the Project site. Where there is visibility of the Project Sign and an adjacent nearby sign, the light trespass does not overlap at any residentially zoned properties, and therefore does not present the potential to for light trespass from the signs to combine. Furthermore, the applicable thresholds are applied individually and do not regulate collective illuminance from the adjacent Signs or the total ambient illuminance.

9. Conclusions

The Project proposes to construct new illuminated Signs which will comply with the WEHO Policy to minimize light trespass and glare to neighboring sensitive use properties, including the following Sign lighting operational limitations:

Project Signs light trespass illuminance will be less than 1.4 fc at all adjacent residentially zoned properties located within the Sunset Strip Specific Plan City of West Hollywood as stipulated by the WEHO Policy. Furthermore, the Project Signs light trespass illuminance will be less than 0.74 fc at all residentially zoned properties located beyond the Specific Plan boundary, within the City of West Hollywood, the City of Los Angeles, and or the City of Beverly Hills.

The Project Signs will not create high contrast conditions with maximum luminance of 300 cd/m^2 at night and during sunset, sunrise, and overcast conditions, and will not create glare at residential properties, or roadways at night. During the day, Project Signs will be less than high contrast conditions with maximum Sign luminance of 6,000 cd/m^2 at residential properties or roadways.

The Project Signs will be controlled by a time clock and photocell to transition smoothly from the maximum daytime luminance of 6,000 cd/m^2 to the maximum nighttime luminance of 300 cd/m^2, beginning at 20 minutes prior to sunset and completed no later than sunset to avoid potential high contrast, glare conditions. Similarly, the Project Signs will transition from the night maximum luminance of 300 cd/m^2 to the day maximum luminance of 6,000 cd/m^2, beginning no earlier than 20 minutes before sunrise and concluding after sunrise.

This analysis accurately evaluates the potential for the Project to create a new source of light trespass or glare at adjacent residential properties. The Project Sign locations, types, dimensions, and maximum luminance are as described by the Concept Design Documents in Appendix A and are evaluated with the Signs operating simultaneously at maximum luminance. The Project Signs will not operate in this manner in practice. As such, this analysis represents a conservative evaluation of the proposed Project's potential for off-site light trespass, and glare.

9176 SUNSET BOULEVARD

DIGITAL SIGNAGE AND PUBLIC REALM ENHANCEMENT UPDATE

JANUARY 28, 2025

9176 SUNSET: DIGITAL ADVERTISING SUMMARY

9176 Sunset proposes two full-motion animated billboards that would display off-site advertising and art, including public art required by the City's Sunset Boulevard Off-Site Signage Policy. Advertising Area 1 is located along the northwest corner of the exterior of the building at the corner of Cory Avenue, and Advertising Area 2 is located along the northeast corner of the exterior of the building.

Each Advertising Area is comprised of an area for the primary off-site advertising space ("Primary Advertising Area") and a smaller area with feathered LED lighting elements that will integrate the off-site advertising space with the building's architecture ("Integration Area"). The Integration Areas will be color coordinated with and designed to enhance the Primary Advertising Areas. The feathered LED Integration Areas will never contain any images associated with the off-site advertising.

Together, the Primary Advertising Area and Integration Area comprise the "Total Advertising Area." The Project proposes 2,807 square feet of Total Advertising Area, including 2,174 square feet of Primary Advertising Area and 633 square feet of Integration Area.

> ***Advertising Area 1*** consists of 2,307 square feet of Total Advertising Area, including 1,803 square feet of Primary Advertising Area and 504 square feet of Integration Area, spanning levels 3 through 5 and a 3.5-foot portion of the roof level at the northwest corner of the exterior of the building.
>
> ***Advertising Area 2*** consists of 500 square feet of Total Advertising Area, including 371 square feet of Primary Advertising Area and 129 square feet of Integration Area, spanning level 4 of the northeast corner of the exterior of the building.

The full-motion animated billboards within Advertising Areas 1 and 2 are made up of variations of the same structure, or module, that are approximately 5.5 inches in width and 15 feet in height, except the modules on the roof level are 5.5 inches in width and 3.5 feet in height. Each module is 140 mm wide and includes one to four blades, or LED sticks, which are each 15 mm wide.

Each of the modules within the Primary Advertising Areas will contain four blades, will be placed directly next to each other with no gaps, and will be programed between 300 and 6,000 candelas per meter squared in compliance with the Sunset Boulevard Off-Site Signage Policy. The lighting in the Integration Areas will be feathered and variable to integrate the off-site advertising space in the Primary Advertising Areas with the office building architecture and create a relationship between the two signs themselves.

At the edge of each billboard this feathering effect has been added to help reduce the brightness and density of the overall media. This reduction creates a feeling of motion or circulation around this landmark corner of West Hollywood and mimics the activity of pedestrian and vehicular traffic on Sunset Boulevard. This feathering also softens the engagement of the media with the architecture which slowly reveals the structure behind, then allows the media to re-emerge at the other corner, rather than a stark billboard edge that would appear applied or separate from the building.

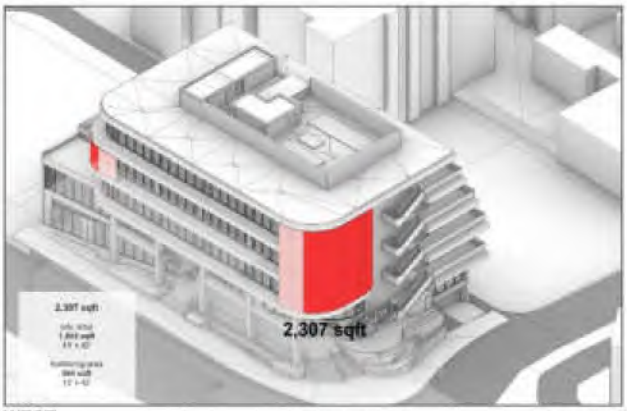
To achieve this effect, the modules within the Integration Areas will contain one to four blades, will be placed with varying sized gaps – ranging from inches to feet – between them, and will be programed to comply with the Sunset Boulevard Off-Site Signage Policy. The following exhibits demonstrate the differences in use of these modules between the Primary Advertising Areas and the Integration Areas.

Proposed Digital Sign Area

TOTAL AREA: **2,807 SQFT**



EAST



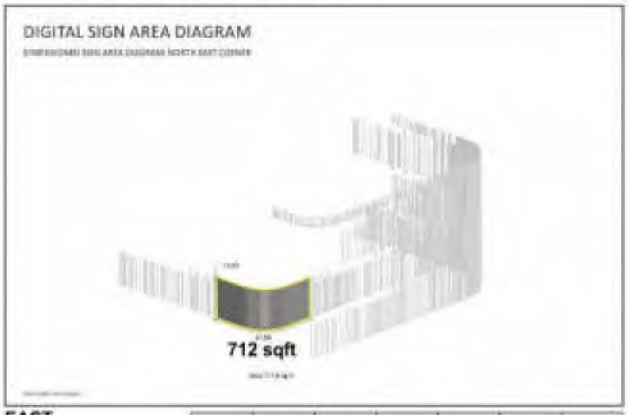
WEST

TOTAL ADVERTISING AREA: **2,174 SQFT**

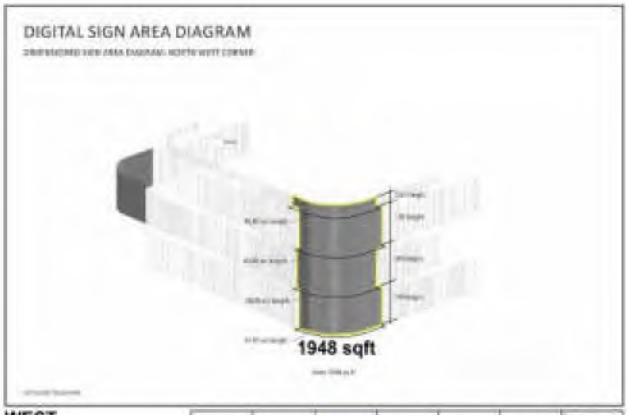
AUGUST 26, 2024 ADVERTISING AREA: **2,660 SQFT**

Digital Sign Area From August 26, 2024

TOTAL ADVERTISING AREA: **2,660 SQFT**

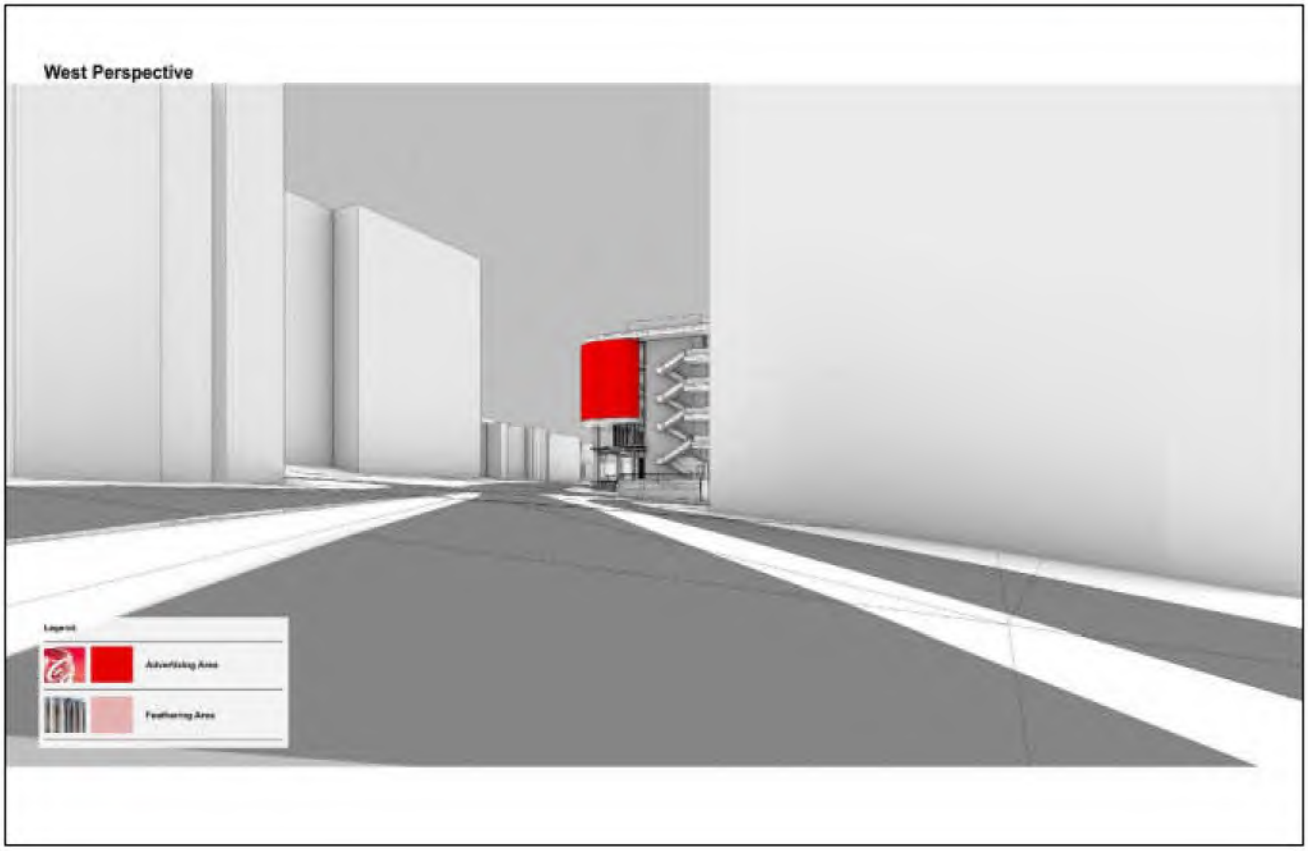


EAST

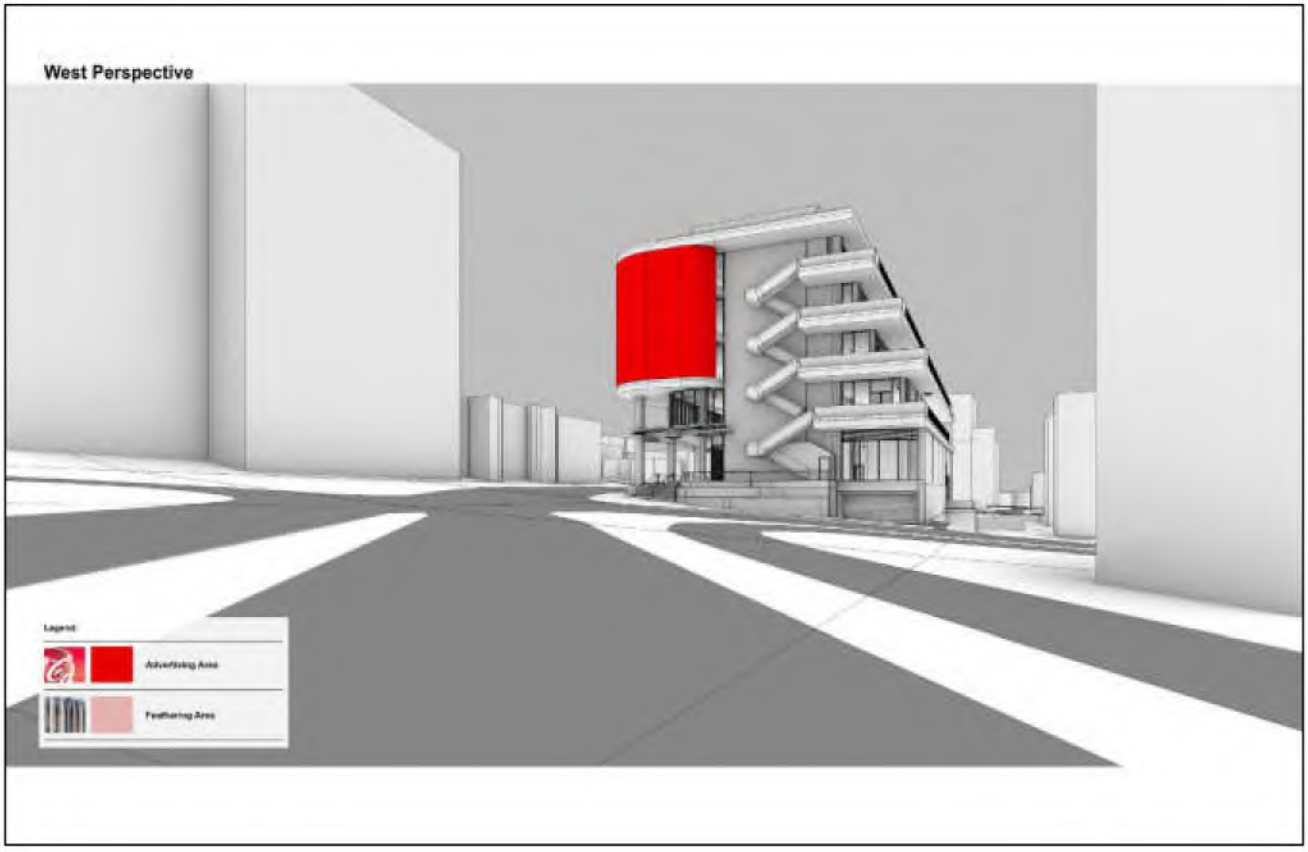


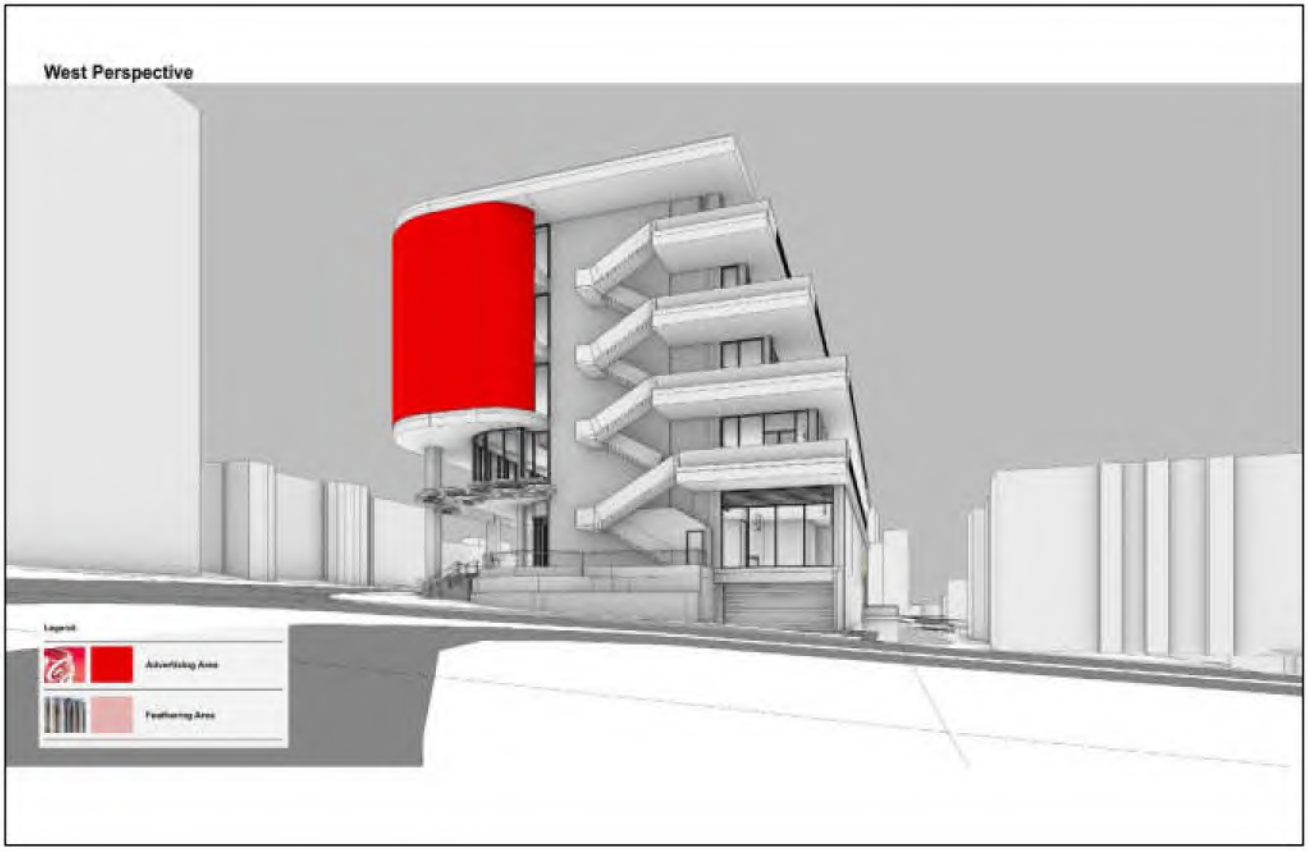
WEST

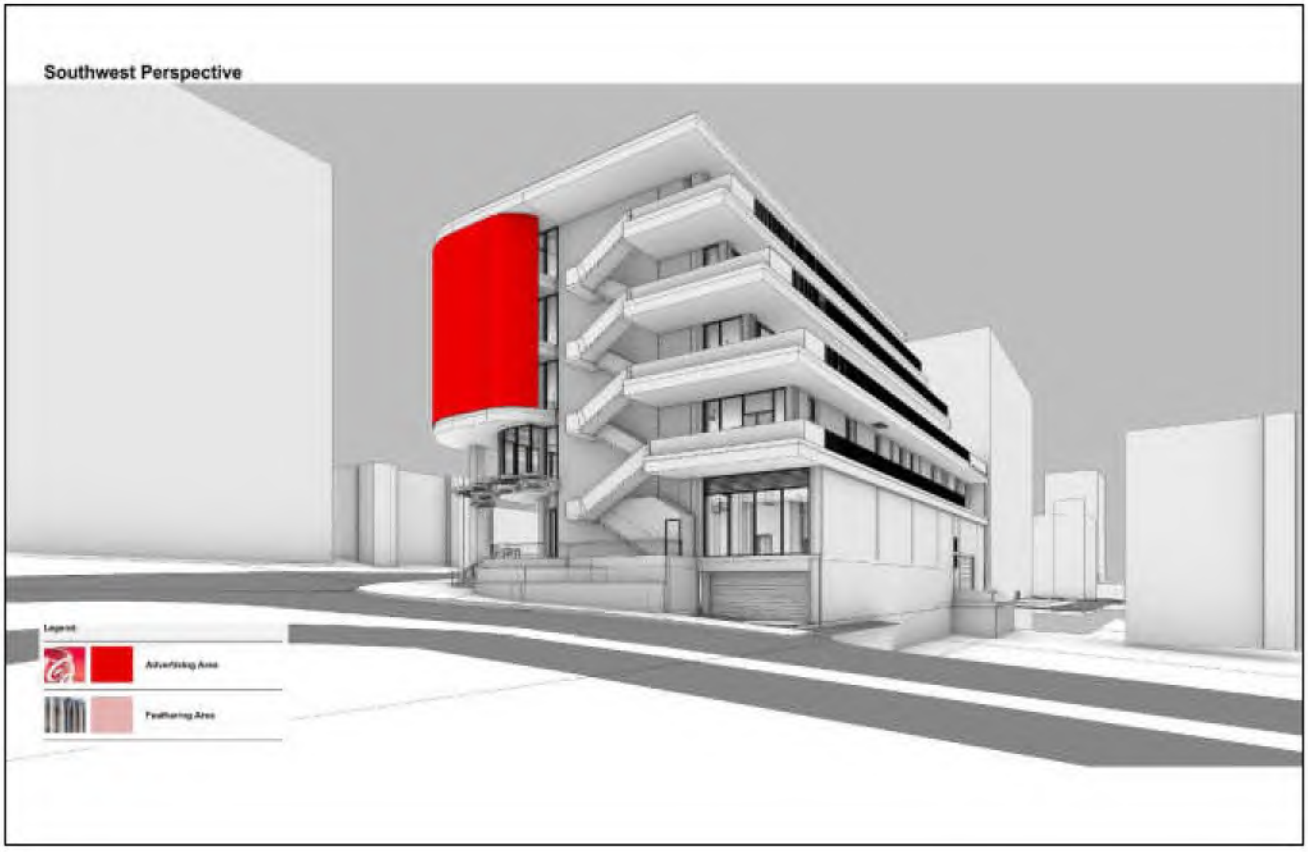
West Perspective



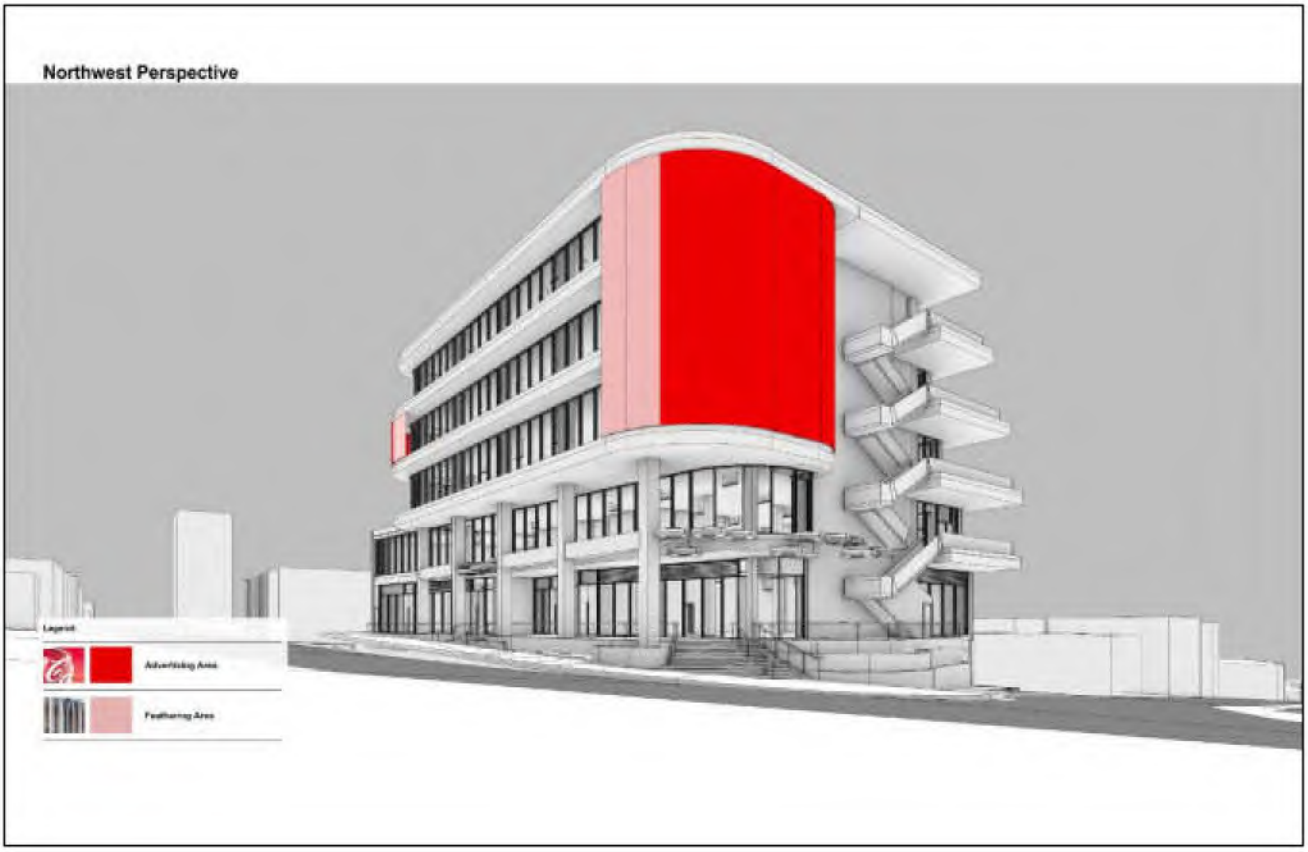
West Perspective




West Perspective


Southwest Perspective

Northwest Perspective



West Perspective

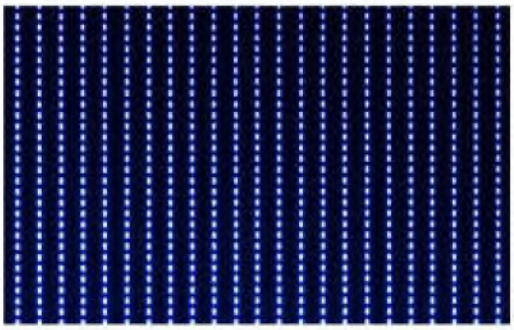


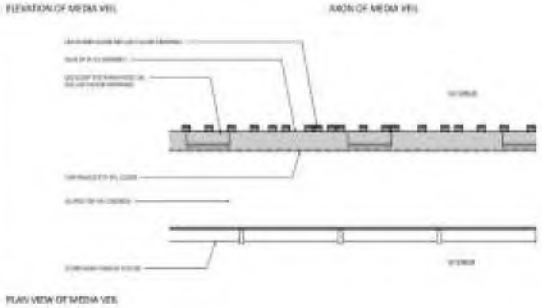
Northeast Perspective



LED SIGNAGE: TECHNOLOGY SCHEMATICS

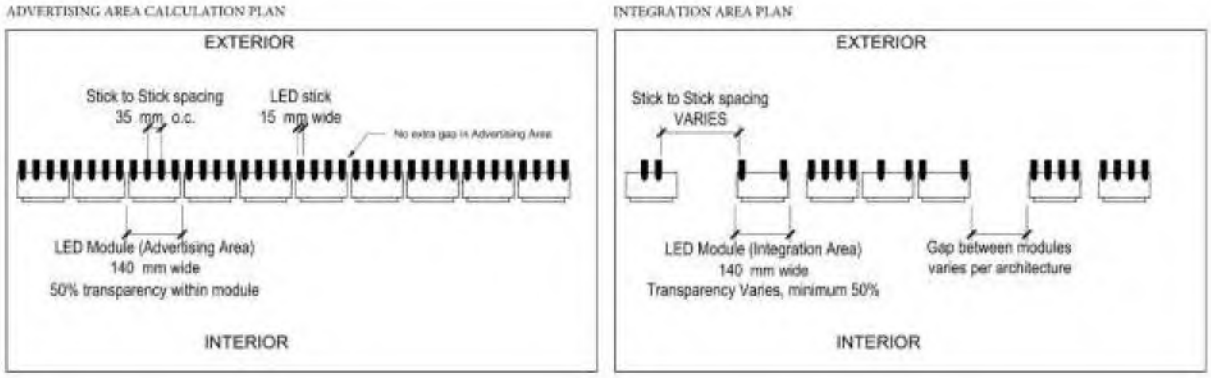




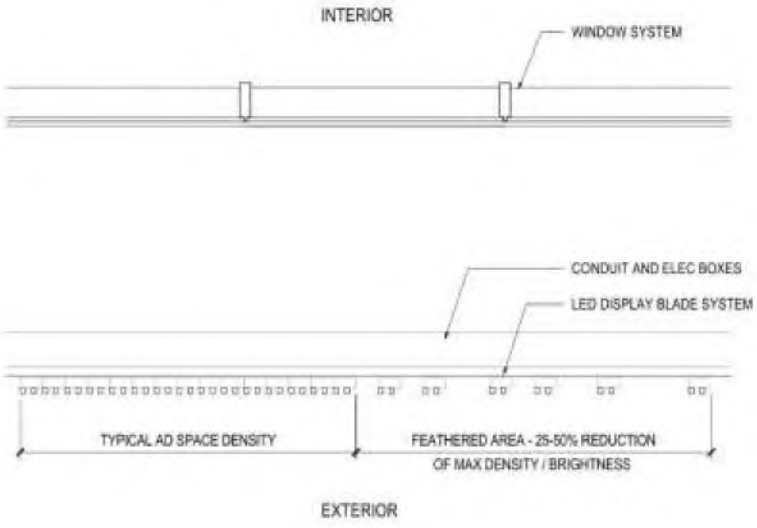




LED SIGNAGE AREA VS INTEGRATION AREA: DENSITY COMPARISON



LED SIGNAGE: INTEGRATION AREA 'FEATHERING' DETAIL





APPENDIX B: **City of West Hollywood Ordinance No. 19-1063, Attachment A, pgs. 13, 14, 15**

5. **Lighting and Operational Standards.** All new or modified off-site advertising signs, architectural lighting, and temporary displays shall comply with the following luminance and operational standards.
    a. Hours of Operation: All digital billboards shall meet the following limits for time of day and ambient lighting conditions:
        i. Sign luminance shall change during each day on the following schedule:
            1. Daytime: From sunrise until 20 minutes prior to sunset, luminance shall not exceed 6,000 candelas per meter squared. Any portions of signs that are less than 10' above adjacent side shall not exceed 2,400 candelas.
            2. Evening: From sunset until 20 minutes prior to sunrise Luminance shall not exceed 300 candelas per meter squared.
            3. After Hours: From 2:00 am until sunrise, no animated content or moving patterns shall be permitted.
    b. Illuminance
        i. Illuminance from signs or architectural lights shall not exceed 1.4 foot candles at any adjacent residential zoned property line.
    c. Digital Sign Control and Transitions.
        i. Sign luminance shall transition smoothly between the hours of operation limits above over a time period of no less than 20 minutes. All transitions shall be completed so that the maximum allowable luminance is achieved by the stated time listed above.
        ii. When ambient sunlight illuminance during daytime is less than 100 foot candles for more than one (1) hour, the digital billboard should transition at a smooth rate of change from the daytime luminance level permitted above to the evening luminance level permitted at a suggested rate of no less than 20 minutes.
        iii. Each image displayed on a digital billboard shall not be refreshed more often than once every 8 seconds.
        iv. Each image displayed on a digital billboard (i.e., each individual advertisement or artwork) shall fade in from the previous image over no less than one (1) second, and shall fade out over no less than one (1) second to the image of the immediately succeeding content.
    d. Visual Comfort and Contrast Control
        i. Digital billboards shall not incorporate driver interaction features.
        ii. No signs shall use colors or images that replicate or could be confused with traffic safety signage.
        iii. No signs shall use scrolling text.
        iv. Signs shall not use stroboscopic of flashing images which rapidly change direction, oscillate, flash or reverse in contrast.
        v. Animated content and moving images shall be designed specifically for the size and format of the digital billboard.
        vi. Animated content shall <u>not</u> exhibit
            1. Rapidly changing images shall use dissolves for transitions between static images, and between static and animated content;
            2. Sequences that result in visible brightness change over more than ten percent (10%) of the total display area at a greater rate than three (3) changes per second; or
            3. Edits at a rate of more than one (1) edit every three (3) seconds
    e. Renewable Energy Use.

13

i. All new billboard operations shall utilize the highest available clean energy tier from the City's energy provider to the extent feasible.
ii. The incremental energy usage attributable to digital signs, as defined in 4.c, should be fully offset to the extent feasible through demonstrated improvement in the energy performance for new buildings or major renovations of existing buildings.

f. Audio. On site sound shall be allowed only during special events.
g. Monitoring
   i. All digital billboard operators shall submit a Lighting Monitoring Report to the Director upon installation, and at three year intervals thereafter to confirm conformance with the lighting requirements above. The report shall include:
      1. Digital billboard luminance measured in nits (candelas per square meter). Measurements shall be conducted at the property line of the digital billboard site, or in the nearest adjacent public right of way, perpendicular to the digital billboard sign face.
      2. Digital billboard sign illuminance measured in foot candles. Measurements shall be conducted perpendicular to the digital billboard sign face, at the property line containing the digital billboard, and at adjoining residential use property or properties. The illuminance meter shall be aimed toward the sign face from the measurement location.
      3. All measurements shall include both luminance and illuminance for three conditions:
         a. The sign off
         b. The sign illuminated with an image
         c. The sign illuminated using an all-white display
   ii. Complaints about lighting will be investigated by the City, and if determined necessary by the Director, the digital billboard operator shall provide an updated Lighting Monitoring Report within 72 hours of the notice from the City. The City shall reserve the right to conduct digital billboard lighting measurements. If the measured luminance and or illuminance exceed the data presented in operator's Lighting Monitoring Report, the findings of the City report shall prevail.

6. **Architectural Lighting.** Architectural lighting may be integrated into a building façade to enhance the architectural design of the building if the following requirements are met:

    a. Integral large scale architectural lighting, digital or otherwise, shall contain no commercial logos, images, or messages that may be interpreted as advertising.
    b. Architectural lighting shall not be counted towards permitted signage area, either on or off-site, and shall not be considered a billboard.
    c. Architectural lighting is subject to maximum allowable lighting levels of Section 5.
    d. Architectural lighting shall be designed and operated to minimize impact on adjacent buildings.

7. **Temporary Creative Billboards or Tall Walls.** Temporary modification to existing billboards or tall wall signs may be permitted in compliance with this section. The following regulations are intended to encourage creatively designed short-term installations that make a positive visual contribution to Sunset Boulevard and to the overall image of the city.

    a. **Approval Authority.** Temporary creative billboards and tall walls are subject to approval by the Director.
    b. **Time Limit.** The Director may approve the placement of a temporary creative billboard or tall wall for a maximum period of 12 months. One six-month time extension may be approved or denied by the Director and the temporary creative billboard or tall wall shall be removed immediately upon expiration. Certain types of physical extensions may be installed for a longer period, as allowed by state law.
    c. **Standards:** A temporary creative billboard or tall wall sign shall be designed and located in compliance with all of the following standards:

        i. The temporary creative billboard or tall wall sign shall alter an existing sign without changing its location. Any enlargement of the sign shall be designed as an integral part of the image and contribute to the overall creativity of its design.
        ii. The temporary creative billboard or tall wall sign shall be properly sited and well-integrated within the context of its surroundings.
        iii. Temporary creative billboard or tall wall shall be an inventive and original representation of the product or business being advertised.
        iv. The temporary creative billboard or tall wall sign shall exhibit one or more of the following elements:
            1. Three-dimensional props and extensions.
            2. Extensions with cut-out shapes or voids.
            3. Integrated thematic lighting such as neon, LED, images which change from day to night through lighting effects, projected light, video projections, or other emerging technologies.
            4. Moving or animated mechanical elements.
            5. Different day-time and night-time images.
            6. Hand-painted graphics or graphics crafted on-site.
            7. Alternative textures and materials, such as plants and vegetation.
            8. Live action.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. The existing lighting conditions along Sunset Boulevard include a variety of light sources that contribute to a brightly illuminated outdoor urban environment. The streets and sidewalks along Sunset Boulevard have a relatively high illumination consistent with the vehicular design standards for a high volume arterial street. The public right of way is surrounded on both north and south with commercial properties where parking lot lights and exterior building lighting is frequent. Within this well-illuminated context, lighted billboards and signs are prominent but are not excessively bright in comparison to their surroundings.

Additional lighting or lighting in new locations along the Sunset Strip could result in potential effects if new sources of light trespass were introduced and if the light trespass were to affect light-sensitive receptors such that daytime or nighttime views would become adversely affected. Light-sensitive receptors are generally considered residential properties, and also may include hotel, hospital or nursing home uses, where excessive light at night may impact the use of the property. Light trespass is measured in terms of illuminance in a unit of measurement called a "footcandle," which is the illuminance on a one-square-foot surface coming from a uniform source of light.

Along Sunset Boulevard, most residential properties are set back behind the commercial properties that front onto Sunset Boulevard. The slope to the north and south of Sunset Boulevard significantly affects the visibility of the signs from residential properties. To the north, the properties are typically situated well above the elevation of Sunset Boulevard, and in most locations, properties are well above the top elevation of illuminated signs. To the north of Sunset Boulevard, the ambient light levels at residential streets and properties are very low, so the light at these properties from signs on Sunset Boulevard may be more noticeable. However, most of the existing illuminated signs are located and directed such that there are few locations where signs project significant light trespass or glare. The distance from Sunset Strip properties to adjacent residential properties varies considerably. The properties within close proximity are generally 250 feet to 300 feet away from the existing signs on Sunset Boulevard. To the south of Sunset Boulevard, the residential properties are below the elevation of Sunset Boulevard and well below the elevation of the illuminated signs. Signs located on the south side of Sunset Boulevard have the potential to create light trespass and or glare due to the difference in elevation. However, most of the existing illuminated signs are located and directed such that there are few locations where signs project significant light trespass or glare.

The proposed project would change the existing lighting environment in the project area. Digital conversions would replace existing static illuminated signs with LED screens. Additionally, digital conversions may also involve reorientation of a billboard face from horizontal to vertical, which would change the surface area that is illuminated. Some billboards that are being converted to digital may also undergo one or more of the allowable standard modifications. Standard modifications (to either digital or static billboards) would not involve a substantial change in billboard illuminance light trespass; however, a reoriented billboard face, a billboard that undergoes a height or location adjustment, and the addition of a second face to a single-sided

APPENDIX D: **2022 California Administrative Code, Section 10-114**

10-114 – DETERMINATION OF OUTDOOR LIGHTING ZONES AND ADMINISTRATIVE RULES FOR USE

This section establishes rules for implementing outdoor lighting zones to show compliance with Section 140.7 of Title 24, California Code of Regulations, Part 6.

(a) **Lighting Zones.** Exterior lighting allowances in California vary by Lighting Zones (LZ).

(b) **Lighting Zone Characteristics.** TABLE 10-114-A specifies the relative ambient illumination level and the statewide default location for each lighting zone.

(c) **Amending the Lighting Zone Designation.** A local jurisdiction may officially adopt changes to the lighting zone designation of an area by following a public process that allows for formal public notification, review, and comment about the proposed change. The local jurisdiction may determine areas where Lighting Zone 4 is applicable and may increase or decrease the lighting zones for areas that are in State Default Lighting Zones 1, 2 and 3, as specified in TABLE 10-114-A.

TABLE 10-114-A LIGHTING ZONE CHARACTERISTICS AND RULES FOR AMENDMENTS BY LOCAL JURISDICTIONS

Zone	Ambient Illumination	State wide Default Location	Moving Up to Higher Zones	Moving Down to Lower Zones
LZ0	Very Low	Undeveloped areas of government designated parks, recreation areas, and wildlife preserves.	Undeveloped areas of government designated parks, recreation areas, and wildlife preserves can be designated as LZ1 or LZ2 if they are contained within such a zone.	Not applicable
LZ1	Low	Rural areas, as defined by the 2010 U.S. Census. These areas include: single or dual family residential areas, parks, and agricultural zone districts, developed portion of government designated parks, recreation areas, and wildlife preserves. Those that are wholly contained within a higher lighting zone may be considered by the local government as part of that lighting zone.	Developed portion of a government designated park, recreation area, or wildlife preserve, can be designated as LZ2 or LZ3 if they are contained within such a zone. Retail stores, located in a residential neighborhood, and rural town centers, as defined by the 2010 U.S. Census, can be designated as LZ2 if the business operates during hours of darkness.	Not applicable.
LZ2	Moderate	Urban clusters, as defined by the 2010 U.S. Census. The following building types may occur here: multifamily housing, mixed use residential neighborhoods, religious facilities, schools, and light commercial business districts or industrial zoning districts.	Special districts within a default LZ2 zone may be designated as LZ3 or LZ4 by a local jurisdiction. Examples include special commercial districts or areas with special security considerations located within a mixed-use residential area or city center.	Special districts may be designated as LZ1 by the local jurisdiction, without any size limits.
LZ3	Moderately High	Urban areas, as defined by the 2010 U.S. Census. The following building types may occur here: high intensity commercial corridors, entertainment centers, and heavy industrial or manufacturing zone districts.	Special districts within a default LZ3 may be designated as a LZ4 by local jurisdiction for high intensity nighttime use, such as entertainment or commercial districts or areas with special security considerations requiring very high light levels.	Special districts may be designated as LZ1 or LZ2 by the local jurisdiction, without any size limits.
LZ4	High	None.	Not applicable.	Not applicable.

NOTE: Authority: Sections 25402 and 25402.1, Public Resources Code. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, Public Resources Code.

APPENDIX E: **2022 California Energy Code, Section 140.7 Prescriptive Requirements for Outdoor Lighting**

SECTION 140.7 – PRESCRIPTIVE REQUIREMENTS FOR OUTDOOR LIGHTING

(a) An outdoor lighting installation complies with this section if it meets the requirements in Subsections (b) and (c), and the actual outdoor lighting power installed is no greater than the allowed outdoor lighting power calculated under Subsection (d). The allowed outdoor lighting shall be calculated according to outdoor lighting zone in Title 24, Part 1, Section 10-114.

Exceptions to Section 140.7(a): When more than 50 percent of the light from a luminaire falls within one or more of the following applications, the lighting power for that luminaire shall be exempt from Section 140.7:

1. Temporary outdoor lighting.
2. Lighting required and regulated by the Federal Aviation Administration, and the Coast Guard.
3. Lighting for public streets, roadways, highways and traffic signage lighting, including lighting for driveway entrances occurring in the public right-of-way.
4. Lighting for sports and athletic fields, and children's playgrounds.
5. Lighting for industrial sites, including but not limited to, rail yards, maritime shipyards and docks, piers and marinas, chemical and petroleum processing plants, and aviation facilities.
6. Lighting of public monuments.
7. Lighting of signs complying with the requirements of Sections 130.3 and 140.8.
8. Lighting of tunnels, bridges, stairs, wheelchair elevator lifts for American with Disabilities Act (ADA) compliance, and ramps that are other than parking garage ramps.
9. Landscape lighting.
10. In theme parks: outdoor lighting only for themes and special effects.
11. Lighting for outdoor theatrical and other outdoor live performances, provided that these lighting systems are additions to area lighting systems and are controlled by a multiscene or theatrical cross-fade control station accessible only to authorized operators.
12. Outdoor lighting systems for qualified historic buildings, as defined in the California Historic Building Code (Title 24, Part 8), if they consist solely of historic lighting components or replicas of historic lighting components. If lighting systems for qualified historic buildings contain some historic lighting components or replicas of historic components, combined with other lighting components, only those historic or historic replica components are exempt. All other outdoor lighting systems for qualified historic buildings shall comply with Section 140.7.

(b) **Outdoor lighting power trade-offs.** Outdoor lighting power trade-offs shall be determined as follows:

1. Allowed lighting power determined according to Section 140.7(d)1 for general hardscape lighting allowance may be traded to specific applications in Section 140.7(d)2, provided the hardscape area from which the lighting power is traded continues to be illuminated in accordance with Section 140.7(d)1A.
2. Allowed lighting power determined according to Section 140.7(d)2 for additional lighting power allowances for specific applications shall not be traded between specific applications, or to hardscape lighting in Section 140.7(d)1.
3. Trading of lighting power allowances between outdoor and indoor areas shall not be permitted.

(c) **Calculation of actual lighting power.** The wattage of outdoor luminaires shall be determined in accordance with Section 130.0(c).

(d) **Calculation of allowed lighting power.** The allowed lighting power shall be the combined total of the sum of the general hardscape lighting allowance determined in accordance with Section 140.7(d)1, and the sum of the additional lighting power allowance for specific applications determined in accordance with Section 140.7(d)2.

1. **General hardscape lighting allowance.** Determine the general hardscape lighting power allowances as follows:

   A. The general hardscape area of a site shall include parking lot(s), roadway(s), driveway(s), sidewalk(s), walkway(s), bikeway(s), plaza(s), bridge(s), tunnel(s), and other improved area(s) that are illuminated. In plan view of the site, determine the illuminated hardscape area, which is defined as any hardscape area that is within a square pattern around each luminaire or pole that is ten times the luminaire mounting height with the luminaire in the middle of the pattern, less any areas that are within a building, beyond the hardscape area, beyond property lines or obstructed by a structure. The illuminated hardscape area shall include portions of planters and landscaped areas that are within the lighting application and are less than or equal to 10 feet wide in the short dimensions and are enclosed by hardscape or other improvement on at least three sides. Multiply the illuminated hardscape area by the area wattage allowance (AWA) from Table 140.7-A for the appropriate lighting zone.

   B. Determine the perimeter length of the general hardscape area. The total perimeter shall not include portions of hardscape that are not illuminated according to Section 140.7(d)1A. Multiply the hardscape perimeter by the linear wattage allowance (LWA) for hardscape from Table 140.7-A for the appropriate lighting zone. The perimeter length for hardscape around landscaped areas and permanent planters shall be determined as follows:

      i. Landscaped areas completely enclosed within the hardscape area, and which have a width or length less than 10 feet wide, shall not be added to the hardscape perimeter length.

      ii. Landscaped areas completely enclosed within the hardscape area, and which width or length is a minimum of 10 feet wide, the perimeter of the landscaped areas or permanent planter shall be added to the hardscape perimeter length.

      iii. Landscaped edges that are not abutting the hardscape shall not be added to the hardscape perimeter length.

   C. Determine the Initial Wattage Allowance (IWA) for general hardscape lighting from Table 140.7-A for the appropriate lighting zone. The hardscape area shall be permitted one IWA per site.

   D. The general hardscape lighting allowance shall be the sum of the allowed watts determined from (A), (B) and (C) above.

2. **Additional lighting power allowance for specific applications.** Additional lighting power for specific applications shall be the smaller of the additional lighting allowances for specific applications determined in accordance with Table 140.7-B for the appropriate lighting zone, or the actual installed lighting power meeting the requirements for the allowance.

TABLE 140.7-A GENERAL HARDSCAPE LIGHTING POWER ALLOWANCE

Type of Power Allowance	Lighting Zone 0[1]	Lighting Zone 1[1]	Lighting Zone 2[1]	Lighting Zone 3[1]	Lighting Zone 4[1]
Area Wattage Allowance (AWA)	No allowance[1]	0.016 W/ft²	0.019 W/ft²	0.021 W/ft²	0.024 W/ft²
Linear Wattage Allowance (LWA)	No allowance[1]	0.13 W/lf	0.15 W/lf	0.20 W/lf	0.29 W/lf
Initial Wattage Allowance (IWA)	No allowance[1]	150 W	200 W	250 W	320 W

[1] Continuous lighting is explicitly prohibited in Lighting Zone 0. A single luminaire of 15 Watts or less may be installed at an entrance to a parking area, trail head, fee payment kiosk, outhouse, or toilet facility, as required to provide safe navigation of the site infrastructure. Luminaires installed shall meet the maximum zonal lumen limits as specified in Section 130.2(b).

[2] RESERVED.

[3] Narrow band spectrum light sources with a dominant peak wavelength greater than 580 nm – as mandated by local, state, or federal agencies to minimize the impact on local, active professional astronomy or nocturnal habitat of specific local fauna – shall be allowed a 2.0 lighting power allowance multiplier.

TABLE 140.7-B ADDITIONAL LIGHTING POWER ALLOWANCE FOR SPECIFIC APPLICATIONS
All area and distance measurements in plan view unless otherwise noted.

Lighting Application	Lighting Zone 0	Lighting Zone 1	Lighting Zone 2	Lighting Zone 3	Lighting Zone 4
WATTAGE ALLOWANCE PER APPLICATION. Use all that apply as appropriate.					
Building Entrances or Exits. Allowance per door. Luminaires qualifying for this allowance shall be within 20 feet of the door.	Not applicable	9 watts	15 watts	19 watts	21 watts
Primary Entrances to Senior Care Facilities, Police Stations, Healthcare Facilities, Fire Stations, and Emergency Vehicle Facilities. Allowance per primary entrance(s) only. Primary entrances shall provide access for the general public and shall not be used exclusively for staff or service personnel. This allowance shall be in addition to the building entrance or exit allowance above. Luminaires qualifying for this allowance shall be within 100 feet of the primary entrance.	Not applicable	20 watts	40 watts	57 watts	60 watts
Drive Up Windows. Allowance per customer service location. Luminaires qualifying for this allowance shall be within 2 mounting heights of the sill of the window.	Not applicable	16 watts	30 watts	50 watts	75 watts
Vehicle Service Station Uncovered Fuel Dispenser. Allowance per fueling dispenser. Luminaires qualifying for this allowance shall be within 2 mounting heights of the dispenser.	Not applicable	55 watts	77 watts	81 watts	135 watts
ATM Machine Lighting. Allowance per ATM machine. Luminaires qualifying for this allowance shall be within 50 feet of the dispenser.	Not applicable	100 watts for first ATM machine, 35 watts for each additional ATM machine.			
WATTAGE ALLOWANCE PER UNIT LENGTH (w/linear ft). May be used for one or two frontage side(s) per site.					
Outdoor Sales Frontage. Allowance for frontage immediately adjacent to the principal viewing location(s) and unobstructed for its viewing length. A corner sales lot may include two adjacent sides provided that a different principal viewing location exists for each side. Luminaires qualifying for this allowance shall be located between the principal viewing location and the frontage outdoor sales area.	Not applicable	No Allowance	11 W/linear ft	19 W/linear ft	25 W/linear ft
WATTAGE ALLOWANCE PER HARDSCAPE AREA (W/ft²). May be used for any illuminated hardscape area on the site.					
Hardscape Ornamental Lighting. Allowance for the total site illuminated hardscape area. Luminaires qualifying for this allowance shall be rated for 50 watts or less as determined in accordance with Section 130.0(c), and shall be post-top luminaires, lanterns, pendant luminaires, or chandeliers.	Not applicable	No Allowance	0.007 W/ft²	0.013 W/ft²	0.019 W/ft²
WATTAGE ALLOWANCE PER SPECIFIC AREA (W/ft²). Use as appropriate provided that none of the following specific applications shall be used for the same area.					
Building Facades. Only areas of building façade that are illuminated shall qualify for this allowance. Luminaires qualifying for this allowance shall be aimed at the façade and shall be capable of illuminating it without obstruction or interference by permanent building features or other objects.	Not applicable	No Allowance	0.100 W/ft²	0.170 W/ft²	0.225 W/ft²
Outdoor Sales Lots. Allowance for uncovered sales lots used exclusively for the display of vehicles or other merchandise for sale. Driveways, parking lots or other non-sales areas shall be considered hardscape areas even if these areas are completely surrounded by sales lot on all sides. Luminaires qualifying for this allowance shall be within 5 mounting heights of the sales lot area.	Not applicable	0.060 W/ft²	0.210 W/ft²	0.280 W/ft²	0.485 W/ft²
Vehicle Service Station Hardscape. Allowance for the total illuminated hardscape area less area of buildings, under canopies, off property, or obstructed by signs or structures. Luminaires qualifying for this allowance shall be illuminating the hardscape area and shall not be within a building, below a canopy, beyond property lines, or obstructed by a sign or other structure.	Not applicable	0.006 W/ft²	0.068 W/ft²	0.138 W/ft²	0.200 W/ft²
Vehicle Service Station Canopies. Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.	Not applicable	0.220 W/ft²	0.430 W/ft²	0.580 W/ft²	1.010 W/ft²

Sales Canopies. Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.	Not applicable	No Allowance	0.470 W/ft²	0.622 W/ft²	0.740 W/ft²
Non-sales Canopies and Tunnels. Allowance for the total area within the drip line of the canopy or inside the tunnel. Luminaires qualifying for this allowance shall be located under the canopy or tunnel.	Not applicable	0.057 W/ft²	0.137 W/ft²	0.270 W/ft²	0.370 W/ft²
Guard Stations. Allowance up to 1,000 square feet per vehicle lane. Guard stations provide access to secure areas controlled by security personnel who stop and may inspect vehicles and vehicle occupants, including identification, documentation, vehicle license plates, and vehicle contents. Qualifying luminaires shall be within 2 mounting heights of a vehicle lane or the guardhouse.	Not applicable	0.081 W/ft²	0.176 W/ft²	0.325 W/ft²	0.425 W/ft²
Student Pick-up/Drop-off zone. Allowance for the area of the student pick-up/drop-off zone, with or without canopy, for preschool through 12th grade school campuses. A student pick-up/drop off zone is a curbside, controlled traffic area on a school campus where students are picked-up and dropped off from vehicles. The allowed area shall be the smaller of the actual width or 25 feet, times the smaller of the actual length or 250 feet. Qualifying luminaires shall be within 2 mounting heights of the student pick-up/drop-off zone.	Not applicable	No Allowance	0.056 W/ft²	0.200 W/ft²	No Allowance
Outdoor Dining. Allowance for the total illuminated hardscape of outdoor dining. Outdoor dining areas are hardscape areas used to serve and consume food and beverages. Qualifying luminaires shall be within 2 mounting heights of the hardscape area of outdoor dining.	Not applicable	0.004 W/ft²	0.030 W/ft²	0.050 W/ft²	0.075 W/ft²
Special Security Lighting for Retail Parking and Pedestrian Hardscape. This additional allowance is for illuminated retail parking and pedestrian hardscape identified as having special security needs. This allowance shall be in addition to the building entrance or exit allowance.	Not applicable	0.004 W/ft²	0.005 W/ft²	0.010 W/ft²	No Allowance
Security Cameras. This additional allowance is for illuminated general hardscape area. This allowance shall apply when a security camera is installed within 2 mounting heights of the general hardscape area and mounted more than 10 feet away from a building.	Not applicable	No Allowance	0.018 W/ft²	0.018 W/ft²	0.018 W/ft²

NOTE: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, Public Resources Code. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, Public Resources Code.

APPENDIX F: **2022 California Energy Code, Section 130.3 Sign Lighting Controls**

SECTION 130.3 – SIGN LIGHTING CONTROLS

Nonresidential buildings other than healthcare facilities and hotel/motel buildings shall comply with the applicable requirements of Sections 130.3(a)1 through 130.3(a)3.

(a) **Controls for sign lighting.** All sign lighting shall meet the requirements below as applicable:

1. **Indoor signs.** All indoor sign lighting other than exit sign lighting shall be controlled with an automatic time-switch control or astronomical time-switch control.
2. **Outdoor signs.** Outdoor sign lighting shall meet the following requirements as applicable:
   A. All outdoor sign lighting shall be controlled with a photocontrol in addition to an automatic time-switch control, or an astronomical time-switch control.

      Exception to Section 130.3(a)2A: Outdoor signs in tunnels, and signs in large permanently covered outdoor areas that are intended to be continuously lit, 24 hours per day and 365 days per year.

   B. All outdoor sign lighting that is ON both day and night shall be controlled with a dimmer that provides the ability to automatically reduce sign lighting power by a minimum of 65 percent during nighttime hours. Signs that are illuminated at night and for more than 1 hour during daylight hours shall be considered ON both day and night.

      Exception to Section 130.3(a)2B: Outdoor signs in tunnels and large covered areas that are intended to be illuminated both day and night.
3. **Demand responsive Electronic Message Center (EMC) control.** See Section 110.12 for requirements for demand responsive EMC controls.

Note: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, Public Resources Code. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, Public Resources Code.

APPENDIX G: **2022 California Energy Code, Section 140.8 Prescriptive Requirements for Signs**

SECTION 140.8 – PRESCRIPTIVE REQUIREMENTS FOR SIGNS

This section applies to all internally illuminated and externally illuminated signs, unfiltered light emitting diodes (LEDs), and unfiltered neon, both indoor and outdoor. Each sign shall comply with either Subsection (a) or (b), as applicable.

(a) **Maximum allowed lighting power.**

1. For internally illuminated signs, the maximum allowed lighting power shall not exceed the product of the illuminated sign area and 12 watts per square foot. For double-faced signs, only the area of a single face shall be used to determine the allowed lighting power.
2. For externally illuminated signs, the maximum allowed lighting power shall not exceed the product of the illuminated sign area and 2.3 watts per square foot. Only areas of an externally lighted sign that are illuminated without obstruction or interference, by one or more luminaires, shall be used.
3. Lighting for unfiltered light emitting diodes (LEDs) and unfiltered neon shall comply with Section 140.8(b).

(b) **Alternate lighting sources.** The sign shall be equipped with one or more of the following light sources:

1. High pressure sodium lamps; or
2. Metal halide lamps that are:
   A. Pulse start or ceramic served by a ballast that has a minimum efficiency of 88 percent or greater, or
   B. Pulse start that are 320 watts or smaller, are not 250 watt or 175 watt lamps, and are served by a ballast that has a minimum efficiency of 80 percent.

   Ballast efficiency is the reference lamp power divided by the ballast input power when tested according to ANSI C82.6-2015.
3. Neon or cold cathode lamps with transformer or power supply efficiency greater than or equal to the following:
   A. A minimum efficiency of 75 percent when the transformer or power supply rated output current is less than 50 mA; or
   B. A minimum efficiency of 68 percent when the transformer or power supply rated output current is 50 mA or greater.

   The ratio of the output wattage to the input wattage is at 100 percent tubing load.
4. Fluorescent lighting systems meeting one of the following requirements:
   A. Use only lamps with a minimum color rendering index (CRI) of 80; or
   B. Use only electronic ballasts with a fundamental output frequency not less than 20 kHz.
5. Light emitting diodes (LEDs) with a power supply having an efficiency of 80 percent or greater; or

   Exception to Section 140.8(b)5: Single voltage external power supplies that are designed to convert 120 volt AC input into lower voltage DC or AC output, and have a nameplate output power less than or equal to 250 watts, shall comply with the applicable requirements of the appliance efficiency regulations Appliance Efficiency Regulations (Title 20).
6. Compact fluorescent lamps that do not contain a medium screw base socket (E24/E26).

Exception 1 to Section 140.8: Unfiltered incandescent lamps that are not part of an electronic message center (EMC), an internally illuminated sign or an externally illuminated sign.

Exception 2 to Section 140.8: Exit signs. Exit signs shall meet the requirements of the Appliance Efficiency Regulations.

Exception 3 to Section 140.8: Traffic Signs. Traffic signs shall meet the requirements of the Appliance Efficiency Regulations.

APPENDIX H: IESNA 10th Edition Lighting Handbook, Table 26.4, Nighttime Outdoor Lighting Zone Definitions

Table 26.4 | Nighttime Outdoor Lighting Zone Definitions

Zone	Outdoor Lighting Situation	Definition
LZ4	High Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally considered necessary for safety, security and/or convenience and it is mostly uniform and/or continuous. After curfew, lighting may be extinguished or reduced in some areas as activity levels decline.
LZ3	Moderately High Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to moderately high light levels. Lighting is generally desired for safety, security and/or convenience and it is often uniform and/or continuous. After curfew, lighting may be extinguished or reduced in most areas as activity levels decline.
LZ2	Moderate Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to moderate light levels. Lighting may typically be used for safety and convenience but it is not necessarily uniform or continuous. After curfew, lighting may be extinguished or reduced as activity levels decline.
LZ1	Low Ambient Lighting	Areas where lighting might adversely affect flora and fauna or disturb the character of the area. The vision of human residents and users is adapted to low light levels. Lighting may be used for safety and convenience but it is not necessarily uniform or continuous. After curfew, most lighting should be extinguished or reduced as activity levels decline.
LZ0	No Ambient Lighting	Areas where the natural environment will be seriously and adversely affected by lighting. Impacts include disturbing the biological cycles of flora and fauna and/or detracting from human enjoyment and appreciation of the natural environment. Human activity is subordinate in importance to nature. The vision of human residents and users is adapted to the darkness, and they expect to see little or no lighting. When not needed, lighting should be extinguished.

APPENDIX I: **IESNA 10th Edition Lighting Handbook, Table 26.5, Recommended Light Trespass Illuminance Limits**

Table 26.5 | Recommended Light Trespass Illuminance Limits

Lighting Zone	Limit in lux[a]	
	Pre-curfew	Post-curfew
LZ4	15	6
LZ3	8	3
LZ2	3	1
LZ1	1	0
LZ0	0.1	0

a. Maximum initial illuminance on a plane perpendicular to the line of sight to the luminaire(s). Plane located at observer position where light trespass is under review. [7]

APPENDIX J: **Signs Lighting Illuminance Calculation (fc)**

Signs light trespass illuminance data presented below is derived from the lighting illuminance calculations prepared as per the methods described in Section 6.2 above. Illuminance data is presented in the following tables with location coordinates defined relative to the elevation and horizontal distance from lower left, viewing from the Property to the vertical plane where light trespass illuminance is under review. Grid data is displayed at ten feet on center, vertical and horizontal.

Vertical Plane VP-E1

	←NORTH						SOUTH→
HORIZONTAL (ft)	5	15	25	35	45	55	65
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-E2

←NORTH

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOUTH→

HORIZONTAL (ft)	305	315	325	335	345	355	365	375	385	395	405	415
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-E3

←NORTH

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOUTH→

HORIZONTAL (ft)	305	315	325	335	345
95	0.10	0.10	0.10	0.10	0.10
85	0.10	0.10	0.10	0.10	0.10
75	0.00	0.10	0.10	0.10	0.10
65	0.10	0.10	0.10	0.10	0.10
55	0.10	0.10	0.10	0.10	0.10
45	0.10	0.10	0.10	0.10	0.10
35	0.10	0.10	0.10	0.10	0.10
25	0.10	0.10	0.10	0.10	0.10
15	0.00	0.10	0.00	0.00	0.10
5	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N1

HORIZONTAL (ft)	←WEST 5	15	25	35	45	55	65	75	85	95	105	EAST→ 115
95	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
85	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
75	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
65	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
55	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
45	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.20
35	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
25	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
15	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.10
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N2

HORIZONTAL (ft)	←WEST 5	15	25	35	45	55	65	75	85	95	105	115	EAST→ 125
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
45	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
25	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10
15	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N3

←WEST

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EAST→

HORIZONTAL (ft)	305	315	325	335
95	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00

Vertical Plane VP-N4

←WEST

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EAST→

HORIZONTAL (ft)	305	315	325	335	345	355	365	375
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-S1

HORIZONTAL (ft)	←EAST 5	15	25	35	45	55	65	75	85	95	105	115	WEST→ 125
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10

Vertical Plane VP-S2

HORIZONTAL (ft)	←EAST 5	15	25	35	45	55	65	75	85	95	105	115	125	135	WEST→ 145
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
85	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.10	0.10	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-S3

HORIZONTAL (ft)	←EAST 5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	WEST→ 155	165	175
95	0.00	0.00	0.00
85	0.00	0.00	0.00
75	0.00	0.00	0.00
65	0.00	0.00	0.00
55	0.00	0.00	0.00
45	0.00	0.00	0.00
35	0.00	0.00	0.00
25	0.00	0.00	0.00
15	0.00	0.00	0.00
5	0.00	0.00	0.00

Vertical Plane VP-W1

HORIZONTAL (ft)	←SOUTH 5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
85	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
75	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
65	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
55	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
45	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
35	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
25	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	NORTH→ 255
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N5

HORIZONTAL (ft)	←WEST 5	15	25	35	45	55	65	75	85	95	105	115	125	EAST→ 135
95	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
85	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
75	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
65	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
55	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
45	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
25	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
15	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
5	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10

Vertical Plane VP-N6

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10
45	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
35	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
25	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
15	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N7

HORIZONTAL (ft)	←WEST 5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
395	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
385	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
365	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
355	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
335	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
305	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
295	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
245	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
185	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N7

HORIZONTAL (ft)	155	165	175	185	195	205	215	225
								EAST→
395	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
385	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
365	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
355	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
335	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
305	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
295	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
245	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
185	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-W2

HORIZONTAL (ft)	←SOUTH 5	15	25	35	45	55	65	75	85	95	105	115	NORTH→ 125
395	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
385	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
365	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
355	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
335	0.10	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
325	0.10	0.10	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
315	0.10	0.10	0.10	0.10	0.00	0.10	0.00	0.10	0.10	0.10	0.00	0.00	0.00
305	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.00	0.00
295	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
285	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.00	0.10	0.00	0.10
275	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
265	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10
255	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
245	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
235	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10
225	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
215	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
205	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
195	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
185	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
175	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
165	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
155	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
145	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
135	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
125	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
115	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
105	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MEMORANDUM

To:	Stephanie DeHerrera Rand Paster Nelson	Date:	April 5, 2023
From:	David S. Shender, P.E. Linscott, Law & Greenspan, Engineers	LLG Ref:	1-23-4530-1
Subject:	**Transportation Safety Considerations Related to Digital Billboards**		

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This memorandum has been prepared to provide a review of transportation safety considerations related to digital billboards. This review has been conducted in part based on comments issued in response to the Draft Environmental Impact Report[1] (Draft EIR) prepared for the proposed development project (the "Project") at 9160-9176 Sunset Boulevard (the "Project Site") in the City of West Hollywood.

Project Description

Section 2.0 in the Draft EIR provides the description of the Project. The Project consists of a five-story building with office and restaurant uses proposed for the ground floor and office uses proposed on the second through fifth levels. The Project also proposes a digital billboard on the west, north, and east sides of the building on levels three, four and five. The digital billboard would display art, public art required by the City, and off-site advertising during daytime and nighttime hours. Per the Draft EIR (e.g., page 4.10-7), the Project's digital billboard component complies with the City's Sunset Specific Plan which allows for "…creative billboards. Creative billboards are billboards that may incorporate elements such as enlarged size, irregular shape, flashing lights, moving parts, inflated additions, electronic media, participatory attributes, three dimensional or structural projections and or other unusual characteristics that would substantially differ from a traditional flat surface billboard of standardized size." Further, the Project site has been designated within the Sunset Specific Plan as a potential site for a new creative billboard.

Effects of Digital Billboard on Driver Behavior

To date, the most comprehensive evaluation of digital or electronic billboards with respect to driver distraction along freeways, highways and arterials was conducted in a report[2] published by the Federal Highway Administration (FHWA). This report (the "FHWA report") is provided in ***Attachment A***. A summary of the FHWA report is provided in the following sections.

[1] *Environmental Impact Report for the 9160-9176 Sunset Boulevard Project*, City of West Hollywood, October 2022.
[2] *Driver Visual Behavior in the Presence of Commercial Electronic Variable Message Signs (CEVMS), FHWA, March 2011.*

Review of Previous Literature

First, the FHWA report reviewed existing literature and empirical evidence related to possible driver distraction and safety risk associated with digital or electronic billboards (termed as Commercial Electronic Variable Message Signs in the FHWA report or CEVMS), including:

- Post-Hoc Crash Studies,
- Field Investigations,
- Laboratory Studies

The FHWA report summarizes the results of existing literature as follows:

> *The results from these key studies offered some insight into whether CEVMS pose a visual distraction threat, but they also revealed some inconsistent findings and potential methodological issues that were addressed in the current study…Collectively these studies did not demonstrate that the advertising signs detracted from driver's glances forward at the roadway or at traffic control devices.* (FHWA report, page 11)

Study Methodology

The FHWA report evaluated the effects of CEVMS on driver distraction under actual roadway conditions both in the daytime and at night using vehicle-mounted eye tracking systems to determine the head position and gaze of the driver. Roads containing CEVMS, standard billboards and areas without off-premise advertising were selected. The CEVMS and standard billboards were measured with respect to luminance, location, size, and other relevant variables. Data collection zones were also classified in terms of their overall visual complexity or clutter.

The experiment involved drivers navigating routes that presented CEVMS in areas of varying visual complexity. Two studies were conducted in separate cities (Reading, PA and Richmond, VA) employing the same methodology but controlling for the roadway visual environment. Each route included both freeway and arterial segments (e.g., similar to Sunset Boulevard, which is also an arterial roadway) and required between 25-35 minutes to complete. The drivers were not informed that the study was about outdoor advertising but rather about examining driver glance behavior as they followed route guidance directions.

The study attempts to answer:

1. Do drivers look at CEVMS more than standard billboards?

2. Are there long glances at CEVMS that would be indicative of a decrease in safety?
3. Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?

Discussion of Experimental Results

1. Do drivers look at CEVMS more than standard billboards?
   In general, drivers devoted more glances at CEVMS than at standard billboards; however, there were no significant decreases in the proportion of time spent looking at the road ahead (i.e., eyes on the road) that could be directly attributed [to] the CEVMS at the measured luminance and contrast levels. (FHWA report, page 61)

Across all experimental conditions drivers looked a CEVMS more frequently than standard billboards, but this did not result in a significant decrease in the proportion of time spent looking at the road ahead, indicating glance of shorter duration (see also discussion of question 2 below).

> *Drivers looked more at CEVMS than standard billboard[s] at night under low levels of visual complexity (4.5 versus 1 percent). There were no significant differences between CEVMS and standard billboards under any of the other tested conditions. Regardless of experiment or type of billboard, the mean percentage of time drivers spent looking at target billboards was less than 5 percent.* (FHWA report, page 61)

The roadway conditions along the Sunset Strip at the Project site would be considered high visual complexity environments. Sunset Boulevard is a four-lane divided roadway on a mixed-use corridor with on-street parking, bus stops, and signalized traffic control. Due especially to the presence of on-street parking and businesses fronting Sunset Boulevard, as well as numerous other existing billboards (digital and static), there is a high level of signage and other visual stimuli present in the Project area. As noted in the excerpt above, there was no significant difference found in the FHWA report between CEVMS and standard billboards in terms of driver attention under such visually complex conditions.

2. Are there long glances at CEVMS that would be indicative of a decrease in safety?
   Glances away from the forward roadway of greater than 2s or 1.6s duration have been proposed as indicators of increased crash risk. In the current experiments…the longest glance at a target billboard was less than 1.3s. Glances with a duration of 1s or greater were rare. (FHWA report, page 61)

> *Drivers do dedicate more glances at CEVMS than to standard billboards; however, long glances considered as having the potential to increase risk were not observed.* (FHWA report, page 61)

In summary, long glances at either CEVMS or standard billboards that would be considered an increased crash risk were not observed in the study.

3. Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?
   The percentage of time spent looking at the road ahead was affected by the level of visual clutter present in the data collection zones regardless of the presence or absence of CEVMS or standard billboards. (FHWA report, page 62)

   Visual complexity, or visual clutter has been shown in past research to have an effect on visual search performance…Increased glances away from the forward roadway in a high clutter environment also relates to the potential for safety risks (e.g., vehicle coming out of a business) and thus more glances to the side of the road and away from the road cannot be wholly attributed to distraction. (FHWA report, page 62)

As shown, the results indicate that neither CEVMS nor standard billboards significantly reduce the time spent looking at the road ahead under the experimental conditions and instead this was more related to the overall visual complexity of the environment. The more visually complex or cluttered an environment, the more taxing it may be for a driver to identify and process information including remaining alert for safety risks and the increased glances away from the road cannot necessarily be attributed to driver distraction.

SUMMARY AND APPLICATION TO THE PROJECT

The results published in the FHWA report show that while drivers looked at CEVMS more frequently than standard billboards, these were not long glances associated with an increased crash risk, nor were CEVMS shown to negatively affect the overall proportion of time drivers spent looking at the road ahead. The FHWA report did not find significant differences in the amount of time drivers spent looking at CEVMS versus standard billboards except under nighttime, low visual complexity conditions, where the digital displays are high contrast with the surrounding environment.

The proposed location of the Project's digital billboard along the Sunset Strip is considered to have high visual complexity with multi-modal travel, on-street parking, traffic signals, business activity and signage, among other elements drivers must visually process to safely navigate the street. According to the City's Inventory of Outdoor Advertising Signs on Sunset Blvd, there were a total of 120 billboards along Sunset Boulevard in 2019.[3] Per the City of West Hollywood Mitigated Negative Declaration (MND) for the Sunset Boulevard Off-Site Signage Policy:

> *Sunset Boulevard is a highly urbanized area within the City and is an internationally known corridor, historically recognized for its entertainment uses, restaurants, and nightlife. The street extends along the base of the Hollywood Hills and is characterized by rolling topography with frequent curves along the street. It contains a mix of low- and high-rise buildings, most of which front directly onto the street. Billboards and tall wall signs are also dominant elements of the visual environment and contribute to the iconic image of the Sunset Strip. The urbanized nature of Sunset Strip combined with the abundance of entertainment and tourist destinations leads to a high level of automobile and pedestrian activity*. (MND, page 5)

Accordingly, the digital billboard proposed by the Project would be consistent with the visual complex urban environment provided along Sunset Boulevard. Motorists, pedestrians, and bicyclists on Sunset Boulevard already must visually process these elements to safely navigate the street. The Project's digital billboard will not materially change the existing visual character of Sunset Boulevard, and therefore will not cause new hazards with respect to safety for motorists, pedestrians, or bicyclists.

Further, guidance in the FHWA report regarding CEVMS is that they should not change content more frequently than once every eight seconds. As noted in the Draft EIR (page 4.10-26), the digital billboard at the Project would be consistent with this guidance as the screen content will not change more frequently than every eight seconds.

Based on the results of the FHWA research and a consideration of their applicability to the digital billboard at the Project, there is strong evidence that the digital billboard would not create a significant effect on the environment with respect to transportation or traffic safety.

c: File

[3] *Inventory of Outdoor Advertising Signs on Sunset Blvd.* (2019), available at https://www.weho.org/home/showpublisheddocument/40613/636959289900800000 (last accessed 04/03/23).

ATTACHMENT A

DRIVER VISUAL BEHAVIOR IN THE PRESENCE OF COMMERCIAL ELECTRONIC VARIABLE MESSAGE SIGNS (CEVMS), FHWA, 2022

Driver Visual Behavior in the Presence of Commercial Electronic Variable Message Signs (CEVMS)



March 2011

U.S. Department of Transportation
Federal Highway Administration

FHWA-HEP-11-014

Foreword

The advent of new electronic billboard technologies, in particular the digital Light-Emitting Diode (LED) billboard, has necessitated a reevaluation of current legislation and regulation for controlling outdoor advertising. In this case, one of the concerns is possible driver distraction. In the context of the present report, outdoor advertising signs employing this new advertising technology are referred to as Commercial Electronic Variable Message Signs (CEVMS). They are also commonly referred to as Digital Billboards and Electronic Billboards.

The present report documents the results of a study conducted to investigate the effects of CEVMS used for outdoor advertising on driver visual behavior in a roadway driving environment. The report consists of a brief review of the relevant published literature related to billboards and visual distraction, the rationale for the FHWA research study, the methods by which the study was conducted, and the results of the study, which used an eye tracking system to measure driver glances while driving on roadways in the presence of CEVMS, standard billboards, and other roadside elements. The report should be of interest to highway engineers, traffic engineers, highway safety specialists, the outdoor advertising industry, environmental advocates, Federal policy makers, and State and local regulators of outdoor advertising.

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16. Abstract
This study was conducted to investigate the effect of CEVMS on driver visual behavior in a roadway driving environment. An instrumented vehicle with an eye-tracking system was used. Roads containing CEVMS, standards billboards, and areas not containing off-premises advertising were selected. Two experiments are reported that were conducted in two separate cities in which the same methodology was employed and differences with respect to such variables as the roadway visual environment were taken into account. The results showed that drivers did look at CEVMS a greater percentage of time than at standard billboards; however, the time spent looking at off-premise advertising was less than 5 percent when the signs were visible to the participants across the two experiments. Long glances at off-premises advertising were not evident. The longest glance at a CEVMS was less than 1.3 seconds and glances greater than 1 second were rare events. The percentage of time that drivers dedicated to the road ahead was not significantly affected by the presence of CEVMS or standard billboards. Rather, the overall clutter and complexity of the visual scene appeared to be the principal driver of glance time away from the road ahead. This was the case regardless of the presence or absence of off-premise advertising. The results suggest that overall visual complexity of the highway environment needs to be taken into account when considering driver glance behavior.

17. Key Words Driver visual behavior, visual environment, billboards, eye-tracking system, commercial electronic variable message signs, visual complexity	**18. Distribution Statement** No restrictions.		
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SI* (MODERN METRIC) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
		AREA		
in^2	square inches	645.2	square millimeters	mm^2
ft^2	square feet	0.093	square meters	m^2
yd^2	square yard	0.836	square meters	m^2
ac	acres	0.405	hectares	ha
mi^2	square miles	2.59	square kilometers	km^2
		VOLUME		
fl oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
ft^3	cubic feet	0.028	cubic meters	m^3
yd^3	cubic yards	0.765	cubic meters	m^3
		NOTE: volumes greater than 1000 L shall be shown in m^3		
		MASS		
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")
		TEMPERATURE (exact degrees)		
^oF	Fahrenheit	5 (F-32)/9 or (F-32)/1.8	Celsius	^oC
		ILLUMINATION		
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	$candela/m^2$	cd/m^2
		FORCE and PRESSURE or STRESS		
lbf	poundforce	4.45	newtons	N
lbf/in^2	poundforce per square inch	6.89	kilopascals	kPa

APPROXIMATE CONVERSIONS FROM SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
		AREA		
mm^2	square millimeters	0.0016	square inches	in^2
m^2	square meters	10.764	square feet	ft^2
m^2	square meters	1.195	square yards	yd^2
ha	hectares	2.47	acres	ac
km^2	square kilometers	0.386	square miles	mi^2
		VOLUME		
mL	milliliters	0.034	fluid ounces	fl oz
L	liters	0.264	gallons	gal
m^3	cubic meters	35.314	cubic feet	ft^3
m^3	cubic meters	1.307	cubic yards	yd^3
		MASS		
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
		TEMPERATURE (exact degrees)		
^oC	Celsius	1.8C+32	Fahrenheit	^oF
		ILLUMINATION		
lx	lux	0.0929	foot-candles	fc
cd/m^2	$candela/m^2$	0.2919	foot-Lamberts	fl
		FORCE and PRESSURE or STRESS		
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	poundforce per square inch	lbf/in^2

*SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.
(Revised March 2003)

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I. INTRODUCTION

> *"The primary responsibility of the driver is to operate a motor vehicle safely. The task of driving requires full attention and focus. Drivers should resist engaging in any activity that takes their eyes and attention off the road for more than a couple of seconds. In some circumstances even a second or two can make all the difference in a driver being able to avoid a crash." – US Department of Transportation*

The advent of new electronic billboard technologies, in particular the digital Light-Emitting Diode (LED) billboard, has prompted a reevaluation of regulations for controlling outdoor advertising. For outdoor advertisers, an attractive quality of these LED billboards, which are hereafter referred to as Commercial Electronic Variable Message Signs (CEVMS), is that advertisements can instantly change, and the changes can be controlled from a central office. Of concern is whether CEVMS may attract driver's attention from their primary task in ways that compromise safety. The current FHWA guidance regarding CEVMS is that they not change content more frequently than once every 8 seconds (s);[1] however, according to Scenic America, the basis of the safety concern is that the "…distinguishing trait…" of a CEVMS "… is that it can vary while a driver watches it, in a setting in which that variation is likely to attract the drivers' attention away from the roadway."[2] This study was conducted to provide the Federal Highway Administration (FHWA) with data to help clarify whether there is an empirical basis for regulating CEVMS differently than other off-premise advertising billboards and, if so, what those differences might entail.

A. BACKGROUND

A recent review of the literature by Molino et al. failed to find convincing empirical evidence that CEVMS, as currently implemented, constitute a safety risk greater than that of conventional vinyl billboards.[3] Absence of persuasive evidence indicating a safety risk associated with CEVMS is not the result of a lack of research. A great deal of work has been focused in this area, but the findings of these studies have been mixed.[3,4] A summary of the key past findings is presented here, but the reader is referred to Molino et al. for a comprehensive review of studies prior to 2009.[3]

Post-Hoc Crash Studies

Post-hoc crash studies review police traffic collision reports or statistical summaries of such reports in an effort to understand the causes of crashes that have taken place in the vicinity of some change to the roadside environment. In the present case, the change of concern is the introduction of CEVMS to the roadside or the replacement of conventional billboards with CEVMS.

The review of the literature conducted by Molino et al. did not show compelling evidence for a distraction effect attributable to CEVMS.[3] The authors concluded that all post-hoc crash studies are subject to certain weaknesses, most of which are difficult to overcome. For example, the vast majority of crashes are never reported to police; thus, such studies are likely to underreport crashes. Also, when crashes are caused by factors such as driver distraction or inattention, the

involved driver may be unwilling or unable to report these factors to a police investigator. Another weakness is that police, under time pressure, are rarely able to investigate the true root causes of crashes unless they involve serious injury, death, or extensive property damage. Furthermore, to have confidence in the results, such studies need to collect comparable data before and after the change, and, in the after phase, at equivalent but unaffected roadway sections. Also, since crashes are infrequent events, data collection needs to span extended periods of time, both before and after introduction of the change. Few studies are able to obtain such extensive data.

Field Investigations

Field investigations include unobtrusive observation, naturalistic driving studies, on-road instrumented vehicle investigations, test track experiments, driver interviews, surveys, and questionnaires. The following focuses on relevant studies that employed naturalistic driving and on-road instrumented vehicle research methods.

Lee, McElheny, and Gibbons undertook an on-road instrumented vehicle study on Interstate and local roads near Cleveland, OH.[5] The study looked at driver glance behavior toward digital billboards, conventional billboards, comparison sites (sites with buildings and other signs, including digital signs), and control sites (those without similar signage). The results showed that there were no differences in the overall glance patterns (percent eyes-on-road and overall number of glances) between event types. Drivers also did not glance more frequently in the direction of digital billboards than in the direction of other event types, but drivers did take longer glances in the direction of digital billboards and comparison sites than in the direction of conventional billboards and baseline sites. However, the mean glance length towards the digital billboards was less than 1 second. It is important to note that this study employed a video-based approach for examining driver's visual behavior, which has an accuracy of no better than 20 degrees.[6] Whereas this technique is likely to be effective in assessing the level to which devices inside of the vehicle detract from focusing on the road ahead, they may not have sufficient resolution to discriminate what specific object the driver is looking at outside of the vehicle.

Beijer, Smiley, and Eizenman evaluated driver glances toward four different types of roadside advertising signs on roads in the Toronto, Canada area.[7] The four types of signs included: (a) billboard signs with static advertisements; (b) roller bar signs with billboard advertisements placed on vertical rollers that could rotate to show one of three advertisements in succession; (c) scrolling text signs with a minor active component, which usually consisted of a small strip of lights that formed words scrolling across the screen or, in some cases, a larger area capable of displaying text but not video; and (d) signs with video images that had a color screen capable of displaying both moving text and, more importantly, moving images. The study employed an on-road instrumented vehicle with a head-mounted eye-tracking device. They found no significant differences in average glance duration or the maximum glance duration for the various sign types; however, the number of glances was significantly lower for billboard signs than for the roller bar, scrolling text, and video signs.

Smiley, Smahel and Eizenman conducted a field driving study that employed an eye tracking system that recorded driver's eye movements as participants drove past video signs located at three downtown intersections and along an urban expressway.[8] The study route included static billboards and video advertising. The authors described the video advertising as presenting a

continuous stream of changing images. The results of the study showed that on average 76 percent of glances were to the road ahead. Glances at advertising, including static billboards and video signs, constituted 1.2 percent of total glances. The mean glance durations to advertising signs were between 0.5 s and 0.75 s, although there were a few glances of about 1.4 s in duration. Video signs were not more likely than static commercial signs to be looked at when headways were short; in fact, the reverse was the case. Furthermore, the number of glances per individual video sign was small, and so statistically significant differences in looking behavior were not found.

Kettwich, Kartsen, Klinger, and Lemmer conducted a 2008 field study where drivers' gaze behavior was measured with an eye tracking system.[9] Sixteen participants drove an 11.5 mile (18.5 km) route comprised of highways, arterial roads, main roads, and one-way streets in Karlsruhe, Germany. The route contained advertising pillars, event posters, company logos, and video screens. Mean gaze duration for the four types of advertising was computed while the vehicle was in motion and when it was stopped. Gaze duration while driving for all types of advertisements was under 1 s. On the other hand, while the vehicle was stopped, the mean gaze duration for video screen advertisements was equal to 2.75 s. The study showed a significant difference between gaze duration while driving and while sitting still. The gaze duration was affected by the task at hand; that is, drivers tended to gaze longer while the car was stopped and there were few driving task demands.

Laboratory Studies

Laboratory investigations related to roadway safety can be classified into several categories: driving simulations, non-driving-simulator laboratory testing, and focus groups. The review by Molino et al. of relevant laboratory studies did not show conclusive evidence regarding the distracting effects of CEVMS. Moreover, the authors concluded that in the case of CEVMS, present driving simulators do not have sufficient visual dynamic range, image resolution, and contrast ratio capability to produce the compelling visual effect of a bright, photo-realistic LED-based CEVMS on a natural background scene. The following is a discussion of a driving simulator study conducted after the publication of Molino et al. This recent study focused on the effects of advertising on driver visual behavior.

Recently, Chattington, Reed, Basacik, Flint, and Parkes conducted a driving simulator study in the United Kingdom to evaluate the effects of static and video advertising on driver glance behavior. [10] The researchers examined the effects of advertisement position relative to the road (left, right, center on an overhead gantry, and in all three locations), type of advertisement (static or video), and exposure duration of the advertisement (the paper does not provide these durations in terms of time or distance). For the advertisements presented on the left side of the road (comparable to our right side of the road), mean glance durations for static and video advertisements were significantly longer (approximately 0.65 to 0.75 s) when drivers experienced long advertisement exposure as opposed to medium and short exposures. Drivers looked more at video advertisements (about 2 percent on average) than at static advertisements (about 0.75 percent on average). They also spent more time looking at both types of advertisements under the long and medium exposure durations. In addition, the location of the advertisements had an effect on glance behavior. When advertisements were located in the center of the road or in all three positions simultaneously, the glance duration was about 1 s and was significantly longer than for signs placed on the right or left side of the road. For

advertisements placed on the left side of the road, there was a significant difference in glance duration between static (about 0.40 sec) and video (about 0.80 sec). Advertisement position also had an effect on the proportion of time that a driver spent looking at an advertisement. The percentage of time looking at advertisements was greatest when signs were placed in all three locations, followed by center location signs, then the left location signs, and finally the right location signs. Drivers looked more at the video advertisements relative to the static advertisements when they were placed in all three locations, placed on the left, and placed on the right side of the road. The center placement did not show a significant difference in percent of time looking between static and video.

Summary

The results from these key studies offered some insight into whether CEVMS pose a visual distraction threat, but they also revealed some inconsistent findings and potential methodological issues that were addressed in the current study. The studies conducted by Smiley et al. showed drivers glanced forward at the roadway about 76 percent of the time in the presence of video and dynamic signs. A few long glances of approximately 1.4 sec were observed, and this bears further investigation. However, the video and dynamic signs used in these studies present moving objects that are not evident in CEVMS as deployed in the US. In another field study employing eye tracking, Kettwich et al. found that gaze duration while driving for all types of advertisements that they evaluated was less than 1 s; however, when the vehicle was stopped, mean gaze duration for advertising was as high as 2.75 s. [(9)] Collectively, these studies did not demonstrate that the advertising signs detracted from driver's glances forward at the roadway or at traffic control devices.

In contrast, the simulator study by Chattington et al. demonstrated that dynamic signs showing moving video or other dynamic elements may draw attention away from the roadway. Furthermore, the location of the advertising sign on the road is an important factor in drawing drivers' visual attention. Advertisements with moving video placed in the center of the roadway on an overhead gantry or in all three positions (right, left, and in the center) simultaneously are very likely to draw glances from drivers.

Finally, in a study that examined CEVMS as deployed in the United States, Lee et al. did not show any effect of CEVMS on driver glance behavior. However, the methodology that was employed probably did not employ sufficient sensitivity to determine what specific object in the environment a driver was looking at.

None of these studies combined all necessary factors to address the current CEVMS situation in the United States. Those studies that used eye-tracking on real roads had animated and video-based signs, which are not reflective of current CEVMS practice in the United States.

B. STUDY APPROACH

Based on an extensive review of the literature, Molino et al. concluded that the most effective method to use in an evaluation of the effects of CEVMS on driver behavior was the instrumented field vehicle method that incorporated an eye tracking system.[(3)] The present study employed such an instrumented field vehicle with an eye tracking system and examined the degree to which CEVMS attract drivers' attention away from the forward roadway.

Land's review of eye movements in dynamic environments concluded that the eyes are proactive and typically seek out information required in the second before each activity commences.[11] Specific tasks (e.g., driving) have characteristic but flexible patterns of eye movement that accompany them, and these patterns are similar between individuals. Land concluded that the eyes rarely visit objects that are irrelevant to the task, and the conspicuity of objects is less important than objects' role in the task. Using devices in a vehicle such as a cell phone for texting are very likely to result in eye movement patterns that are incompatible with safe driving. However, for external stimuli, especially those near the roadway, the evaluation of eye glances with respect to safety is less clear. As part of the driving task one examines mirrors, the gauge cluster, side of the road, and so on. Research by Klauer et al. indicated that short, brief glances away from the forward roadway for the purpose of scanning the driving environment are safe and actually decrease near-crash/crash risk.[12] Klauer et al. also concluded that glances away from the roadway for any purpose lasting more than 2 seconds increase near-crash/crash risk by at least two times that of normal, baseline driving.

Technology for measuring a driver's direction of gaze to reasonably high levels of accuracy has existed since at least the 1960s.[13] Eye tracking systems used in on-road driving studies use light reflected off the cornea to compute the direction of gaze. These systems then overlay the direction of gaze on film or video of the forward roadway that is recorded at the same time as gaze data. Early systems used head-mounted sensors, but in recent years systems have been developed that utilize dashboard-mounted sensors. In addition, newer technology exists that can accurately measure gaze behavior in the presence of sun light, which has been an issue with many eye tracking systems.

The present study evaluated the effects of CEVMS on driver distraction under actual roadway conditions both in the day time and at night. Roads containing CEVMS, standards billboards, and areas not containing off-premise advertising were selected. The CEVMS and standard billboards were measured with respect to luminance, location, size, and other relevant variables to characterize these visual stimuli extensively. Unlike the previous studies, the present study examined CEVMS as deployed in two US cities that did not contain dynamic video or other dynamic elements. In addition, the eye tracking system that was employed had about a 2 degree level of resolution, which provided significantly more accuracy in determining what objects the drivers were looking at than the study by Lee et al.

Two studies are reported that were conducted in two separate cities employing the same methodology but taking into account differences with respect to such variables as the roadway visual environment. The study's primary research questions were:

- Do drivers look at CEVMS more than at standard billboards?
- Are there long glances at CEVMS that would be indicative of a decrease in safety?
- Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?

II. EXPERIMENTAL APPROACH

The study used a field research vehicle (FRV) equipped with an eye-tracking system. The FRV was a 2007 Jeep® Grand Cherokee Sport Utility Vehicle (SUV). The eye-tracking system used (Smart Eye vehicle-mounted infra-red (IR) eye-movement measuring system) is shown in figure 1. The system consists of two IR light sources and three face cameras mounted on the dashboard of the vehicle. The cameras and light sources are small in size, and are not attached to the driver in any manner. The face cameras are synchronized to the IR light sources and are used to determine the head position and gaze of the driver.



Figure 1. Smart Eye Face Camera Placement.

As a part of this eye tracking system, the FRV was outfitted with a three-camera panoramic scene monitoring system for capturing the forward driving scene. The scene cameras are mounted on the roof of the vehicle directly above the driver's head position. The three cameras together provide an 80 degree wide by 40 degree high field of forward view. The scene cameras captured the forward view area available to the driver through the left side of the windshield and a portion of the right side of the windshield. The area visible to the driver through the rightmost area of the windshield was not captured by the scene cameras.

The FRV was also outfitted with equipment to record GPS position, vehicle speed, and vehicle acceleration. The vehicle was also equipped to record events entered by an experimenter. The FRV is pictured in figure 2.



Figure 2. FHWA's Field Research Vehicle.

A. EXPERIMENTAL DESIGN OVERVIEW

The approach entailed the use of the instrumented vehicle in which drivers navigated routes in cities that presented CEVMS and standard billboards in areas of varying visual complexity. The drivers were instructed to drive the routes as they would normally drive paying attention to other traffic, speed limits, and other elements in the roadway. The drivers were not informed that the study was about outdoor advertising but rather it was about examining drivers' glance behavior as they followed route guidance directions.

Site Selection

More than 40 cities were evaluated in the selection of the test sites. Locations with CEVMS displays were identified using a variety of resources that included State DOT contacts, advertising company websites, and Google Earth™. A matrix was developed that listed the number of CEVMS in each city. For each site, the number of CEVMS along limited access and arterial roadways was determined.

One criterion for site selection was whether the location had practical routes that could be driven in about 30 minutes and pass by a number of CEVMS as well as standard (vinyl) off-premise billboards. Other considerations included access to vehicle maintenance personnel/facilities, proximity to research facilities, and ease of participant recruitment. Two cities were selected: Reading, PA, and Richmond, VA.

Table 1 presents the 16 cities that were included on the final list of potential study sites.

Table 1. Distribution of CEVMS by Roadway Classification for Various Cities.

State	*Area*	*Limited Access*	*Arterial*	*Other* [(1)]	*Total*
VA	Richmond	4	7	0	11
PA	Reading	7	11	0	18
VA	Roanoke	0	11	0	11
PA	Pittsburgh	0	0	15	15
TX	San Antonio	7	2	6	15
WI	Milwaukee	14	2	0	16
AZ	Phoenix	10	6	0	16
MN	St. Paul/Minneapolis	8	5	3	16
TN	Nashville	7	10	0	17
FL	Tampa-St. Petersburg	7	11	0	18
NM	Albuquerque	0	19	1	20
PA	Scranton-Wilkes Barre	7	14	1	22
OH	Columbus	1	22	0	23
GA	Atlanta	13	11	0	24
IL	Chicago	22	2	1	25
CA	LA	3	71	4	78

(1) Other includes roadways classified as both limited access and arterial or instances where the road classification was unknown. *Source:* www.lamar.com and www.clearchannel.com

In both test cities, the following independent variables were evaluated:

- **The type of advertising.** This included CEVMS, standard billboards, or no off-premises advertising. (It should be noted that in areas with no off-premises advertising, it was still possible to encounter on-premise advertising; e.g., gas stations, restaurants, other miscellaneous stores and shops.)
- **Time of day.** This included both driving in the day time and night time.
- **The complexity of the visual scene in data collection zones.** This was classified in terms of visual complexity or clutter. This variable was handled differently in the two cities and is further discussed in subsequent sections. The results presented in this report are tied to the specific implementations of advertising that were present. The fact that the two cities contained CEVMS but differed in other respects is advantageous when attempting to extrapolate the results to other settings.

Photometric Measurement of Signs

Two primary metrics are used to describe the photometric characteristics of the target CEVMS and standard billboards: luminance (cd/m^2) and contrast (Weber contrast ratio). This part of the procedure serves to characterize the billboards that were evaluated in the study. Also if data are collected at other sites, the luminance and contract measures reported here can be used to determine the degree to which the current results may relate to another site with CEVMS and standard billboards.

Photometric Equipment

Luminance was measured with a Radiant Imaging ProMetric 1600 Charge-Coupled Device (CCD) photometer with both a 50 mm and a 300 mm lens. The CCD photometer provided a method of capturing the luminance of an entire scene at one time.

The photometric sensors were mounted in an SUV of similar size to the FRV. Figure 3 shows the set up for taking photometric measurements. The photometer was located in the experimental vehicle as close to the driver's position as possible and was connected to a laptop computer on the center console that stored data as the images were acquired.



Figure 3. CCD Photometer and Laptop Setup in Vehicle

Measurement Methodology

Luminance measurements were taken at each target billboard location. Images of the billboards were acquired using the Radiant Imaging ProMetric software installed on the laptop. An example of the software's interface is shown in Figure 4. Using the software provided with the system, the mean luminance of each billboard message was measured. In order to prevent overexposure of images in daylight, neutral density filters were manually affixed to the photometer lens and the luminance values were scaled appropriately. Standard billboards were typically measured only once; however, for CEVMS multiple measures were taken because the luminance can vary with advertising content.

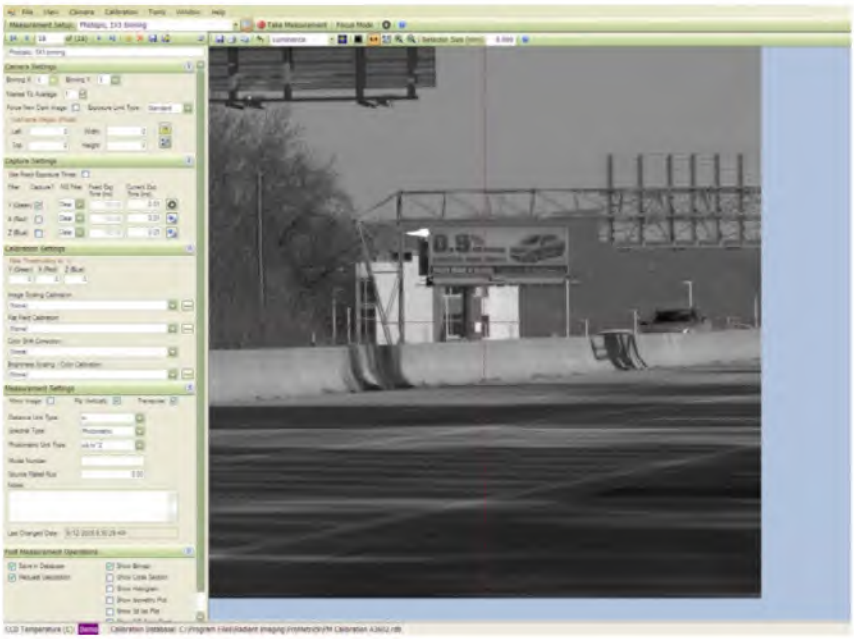


Figure 4. ProMetric Software Interface.

Photometric measurements were taken during day (between 8:15AM and 4:45PM) and at night (after 6:00PM). Measurements were taken by centering the billboard in the photometer's field of view with approximately the equivalent of the width of the billboard on each side and the equivalent of the billboard height above and below the sign. This was done to ensure adequate background luminance data in each image. The selected background region data was used in billboard contrast calculations. Figure 5 shows a target billboard and two adjacent areas (outlined in red) that were used to calculate the contrast ratio.



Figure 5. Regions of Background for Contrast Ratio Analysis.

Measurements of the standard billboards were taken at a mean distance of 284 ft (ranging from 570 ft to 43 ft). The mean measurement distance for measurements of the CEVMS was 479 ft (ranging from 972 ft and 220 ft). To include the background regions of appropriate size, the close measurement distances required the use of the 50 mm lens while measurements made further from the signs required the 300 mm lens.

The Weber Contrast Ratio was used because it characterizes a billboard as having negative or positive contrast when compared to its background area. [14] Figure 6 shows differences in background behind a billboard. A negative contrast indicates the background areas have a higher mean luminance than the target billboard. A positive contrast indicates the target billboard has a higher mean luminance than the background. Overall, the absolute value of a contrast ratio simply indicates a difference in luminance between an item and its background.



Figure 6. Contrast Background Differences.

Visual Complexity

Regan, Young, Lee and Gordon presented a taxonomic description of the various sources of driver distraction.[15] Potential sources of distraction were discussed in terms of: things brought into the vehicle; vehicle systems; vehicle occupants; moving objects or animals in the vehicle; internalized activity; and external objects, events, or activities. The external objects may include buildings, constructions zones, billboards, road signs, vehicles, and so on. A taxonomy suggested by Horberry and Edquist focuses on visual information outside of the vehicle. This suggested taxonomy includes four groupings of visual information: built roadway, situational entities, natural environment, and built environment.[16] These taxonomies provide an organizational structure for conducting research; however, they do not currently provide a systematic or quantitative manner with which to classify the level of clutter or visual complexity present in a visual scene. The methods proposed by Rozenholtz, Li, and Nakano do provide quantitative and perhaps reliable measures of visual clutter.[17] This approach measures the entropy or variance in a visual image.

The data collection zones were scaled in terms of overall visual complexity (i.e., clutter). Subband entropy was used as a measure of visual clutter in photographs taken in each data collection zone. [17] The calculation of subband entropy is based on the assumption that the more organized a scene is, the less clutter it contains. Using this assumption, subband entropy calculates the organization or predictability of a scene (e.g., color, shape, size, and alignment of

items). Presumably, less cluttered images can be visually coded more efficiently than cluttered images. For example, visual clutter can cause decreased recognition performance and greater difficulty in performing visual search. For each data collection zone a single frame was captured from a color video and saved as a JPEG. The JPEGs were analyzed with MATLAB® routines that computed a measure of subband entropy for each image.

III. EXPERIMENT 1

The first on-road experiment was conducted in Reading, PA. The overall objectives of the study were to determine: (a) if drivers looked more at CEVMS than at standard billboards, (b) if there were long glances to off-premise billboards, and (c) if there is a tradeoff between looking at off-premise billboards and the road ahead. To address these objectives, the experiment examined the type of advertising (CEVMS, standard billboard, or no off-premise advertising) and time of day (day or night) as independent variables. Eye tracking was used to assess where participants looked and for how long while driving. The luminance and contrast of the advertising signs were measured to account for any photometric contributions to the results.

Participants drove two test routes (referred to as Route A and B) in Reading. Each route required 25 to 30 minutes to complete and included both freeway and arterial segments. Route A was 13 miles long and contained 12 data collection zones. Route B was 16 miles long and contained 8 data collection zones, for a total of 20 data collection zones. Although the data collection zones were selected because they included a specific type of advertising, some zones encompassed other off-premises and on-premises advertising. For example, one zone contained 2 CEVMS, and 10 standard billboards as well as commercial buildings and parking lots. This type of data collection zone was kept for analysis but classified as a separate category of visual complexity (referred to as CEVMS complex), a factor that was handled more fully in experiment 2. Scene visual complexity was quantified to ensure that the classification of these more visually complex CEVMS conditions was justified.

Other data collection zones were comprised of the single target billboard and no other forms of off-premise advertising. Each route also included two data collection zones that did not contain off-premise billboards; one contained minimal manmade structures (natural environment) and the other was comprised mostly of buildings and other manmade structures (built environment). Table 2 presents an inventory of target billboards in Reading and their relevant parameters.

Table 2. Inventory of Target Billboards in Reading with Relevant Parameters.

Advertising Type	*Copy Dimensions (ft)*	*Change Rate (sec)* (1)	*Side of Road*	*Setback from Road (ft)*	*Data Collection Zone Length (ft)*	*Other Standard Billboards*
CEVMS	10.5x 22.75	6	L	35	960	2
CEVMS	10.5 x 22.75	10	R	47	960	3
CEVMS	14 x 48	10	L	188	960	2
CEVMS	14 x 48	10	R	142	960	2
CEVMS	10.5 x 22.75	8	L	92	960	3
CEVMS	10.5 x 22.75	8	R	54	960	0
CEVMS	10.5 x 22.75	10	R	128	960	2
CEVMS	14 x 48	10	L	188	960	2
CEVMS	14 x 48	10	R	142	960	2
CEVMS Complex	10.5 x 36	10	R	36	960	10
CEVMS Complex	14 x 48	8	R	22	1860	10
Standard	10.5 x 36	—	L	71	960	1
Standard	14 x 48	—	L	50	682	0
Standard	14 x 48	—	L	97	960	1
Standard	21 x 22.75	—	R	34	547	2
Standard	10.5 x 45.25	—	L	79	960	2

(1) Change rate is only calculated for CEVMS. The indicated value is the number of seconds each advertisement copy is on display. For Copy Dimensions, Setback from Road, and Data Collection Zone Length values: 1 ft = 0.305 m. *Source:* www.lamar.com and satellite imagery.

A. METHOD

Advertising Type

The type of advertising present in data collection zones was examined as an independent variable. Data collection zones fell into one of the following categories, which are listed in the third column of table 2:

- **CEVMS**. These were data collection zones that contained one target CEVMS with a relatively low level of scene complexity. Figure 7 shows an example of a CEVMS data collection zone with the CEVMS located in the center of the image.
    - **CEVMS complex**. This was an area that contained two CEVMS displays (about 800 feet or 243.84 m apart), 10 non-target standard billboards, and other built environment (e.g., buildings, parking lots). Figure 8 shows a picture of a portion of this data collection zone. The two CEVMS are highlighted with red rectangles in the figure.
- **Standard billboard**. These were data collection zones that contained one target standard billboard. Figure 9 is an example of a standard billboard data collection zone; the standard billboard is located in the top left corner.

- **No off-premise advertising conditions**. These data collection zones contained no off-premise advertising and were divided into the following categories:
    - **Natural environment**. These were data collection zones without off-premise advertising and principally contained trees. Figure 10 is an example of this type of data collection zone.
    - **Built environment**. These were data collection zones that contained buildings, businesses, parking areas, and other areas of built environment but not off-premise billboard advertising. Figure 11 is an example of this type of data collection zone.



Figure 7. Data Collection Zone with a Target CEVMS.



Figure 8. Visually Complex Data Collection Area with 2 CEVMS and 10 Non-Target Standard Billboards.

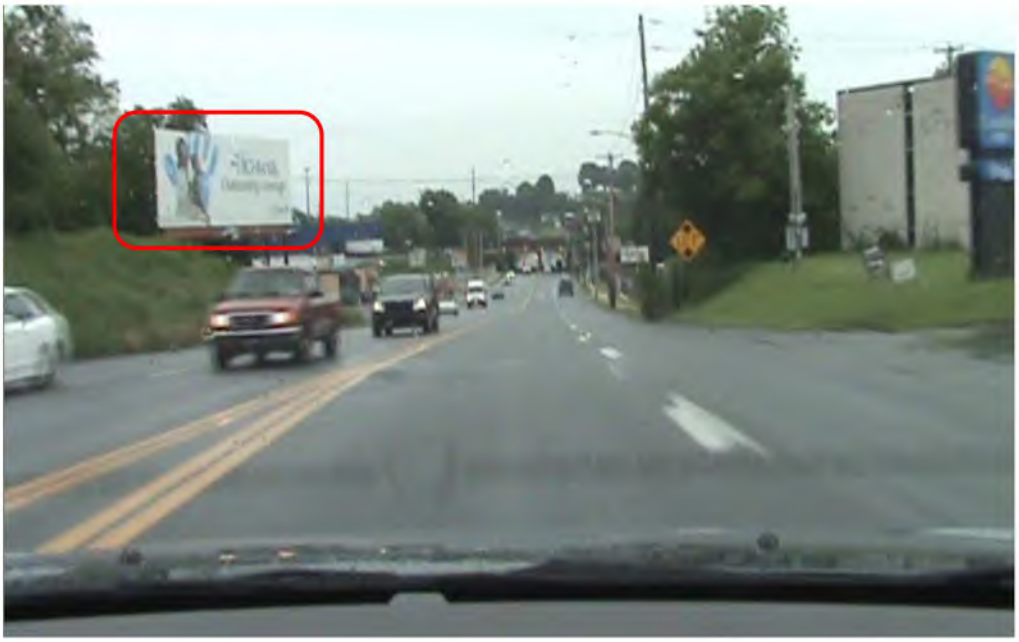


Figure 9. Data Collection Zone with a Target Standard Billboard.



Figure 10. Data Collection Zone with Natural Environment.



Figure 11. Data Collection Zone with Built Environment.

Photometric Measurements

Luminance: The mean daytime luminance of both the standard billboards and CEVMS was greater than at night. Nighttime luminance measurements reflect the fact that CEVMS use illuminating LED components while standard billboards are often illuminated from beneath by Metal Halide lamps. At night, CEVMS have a greater average luminance than standard billboards. Table 3 presents summary statistics for luminance as a function of time of day for the CEVMS and standard billboards.

Contrast: The daytime and nighttime Weber contrast ratios for both types of billboards are shown in table 3. Both CEVMS and standard billboards had contrast ratios that were close to zero (the surroundings were about equal in brightness to the signs) during the daytime. On the other hand, at night the CEVMS and standard billboards had positive contrast ratios.

Table 3. Summary of Luminance (cd/m^2) and Contrast (Weber ratio) Measurements in Reading.

	Luminance (cd/m^2)			Contrast		
Day	*Min*	*Max*	*Mean*	*Min*	*Max*	*Mean*
CEVMS Complex	1,109	1,690	1,400	-0.59	-0.40	-0.50
CEVMS	1,544	4,774	2,631	-0.71	0.37	-0.19
Standard Billboard	291	6,752	2,277	-0.81	1.15	-0.13
Night						
CEVMS Complex	56	139	97	53	81	67
CEVMS	34	76	52	6	179	81
Standard Billboard	6	45	17	12	69	29

The mean contrast ratios of CEVMS complex and CEVMS were each greater than the mean contrast ratio of standard billboards. This is the result of greater mean luminance values of the two categories of CEVMS at night when compared to standard billboards.

Visual Complexity

Recall that the data collection zones were also scaled in terms of their overall visual complexity or clutter. Figure 12 shows the mean subband entropy measures for each of the data collection zone environments (note that due to the limited number of data collection zones, standard error information is not included). In addition, high (Times Square) and low (a desert road) clutter scenes are provided for comparison. The built environment and the CEVMS Complex data collection zones showed the greatest subband entropy values, followed by the natural environment and standard billboard zones. Finally, the CEVMS zone resulted in the lowest mean subband entropy value.

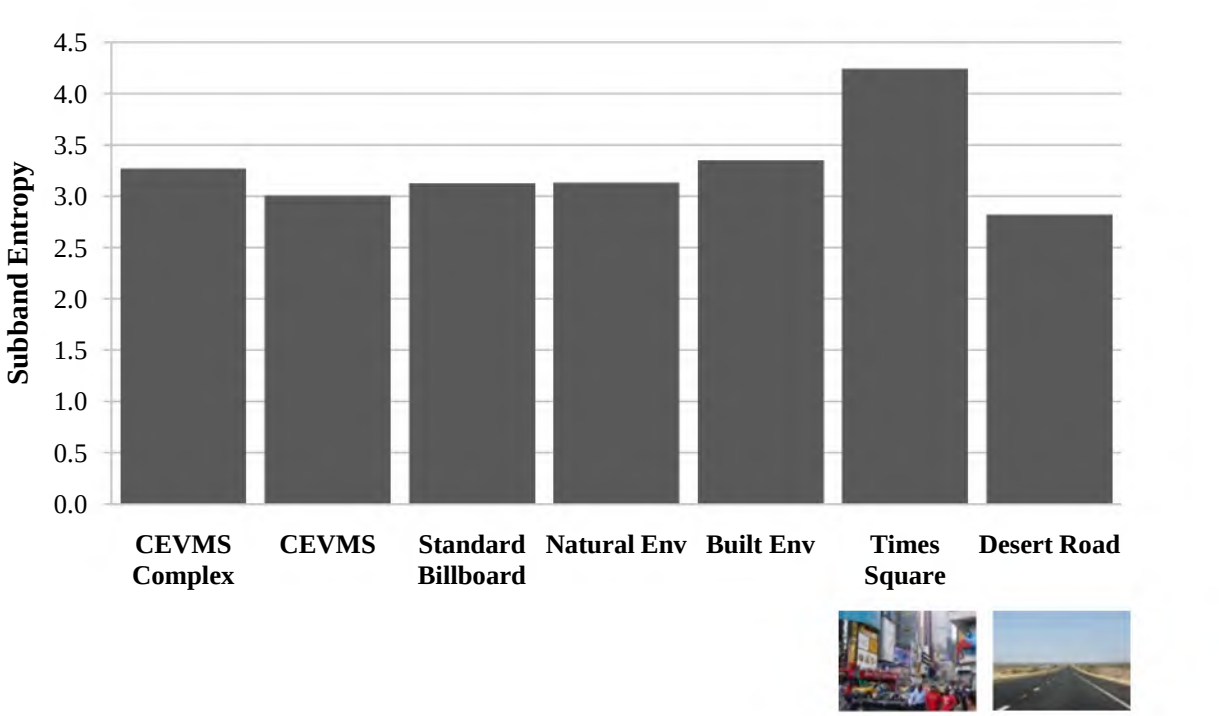


Figure 12. Mean Subband Entropy Measures for Each of the Data Collection Zone Types.

Participants

Participants were recruited at public libraries in the Reading, PA area. A table was set up so that recruiters could discuss the requirements of the experiment with candidates. Individuals who expressed interest in participating were asked to complete a pre-screening form, a record of informed consent, and a department of motor vehicles form consenting to release of their driving record.

All participants were between 18 and 64 years of age and held a valid driver's license. The driving record for each volunteer was evaluated to eliminate drivers with excessive violations. The criteria for excluding drivers were as follows: (a) more than one violation in the preceding year; (b) more than three recorded violations; and (c) any driving while intoxicated violation.

Forty-three individuals were recruited to participate. Of these, five did not complete the drive because the eye tracker could not be calibrated to accurately track eye movements. Data from an additional seven participants was excluded as the result of equipment failures (e.g., loose camera). In the end, usable data was collected from 31 participants (12 males, M = 46 years; 19 female, M = 47 years) 14 participated at night and 17 participated during the day. All participants were under the age of 64.

Procedures

Data were collected from two participants per day (beginning at approximately 12:45 PM and 7:00 PM). Data collection began on September 18, 2009, and was completed on October 26, 2009.

Pre-Data Collection Activities. Participants were greeted by two researchers and asked to complete a fitness to drive questionnaire. This questionnaire focused on drivers' self-reports of alertness and use of substances that might impair driving (e.g., alcohol). It was expected that if a participant did not appear to be fit to drive upon meeting then he or she would be disqualified from the study; however, no participants presented themselves in such a manner.

Next, the participant and both researchers moved to the eye-tracking calibration location in the test vehicle. If it was not possible to calibrate the eye tracking system, the participant was dismissed and paid for his or her time. Causes of calibration failure included reflections from eye glasses, participant height (which put their eyes outside the range of the system), and participants' eye lids obscuring a portion of the pupil (preventing a focus on the whole pupil).

Practice. After eye-tracker calibration, a short practice drive was made. Participants were shown a map of the route and written turn-by-turn directions prior to beginning the practice drive. Throughout the drive, verbal directions were provided by a GPS device.

During the practice drive, a researcher in the rear seat of the vehicle monitored the accuracy of eye-tracking. If the system was tracking poorly, additional calibration was performed. If the calibration could not be improved, the participant did not participate in the data collection drive. Instead participants were thanked (and paid) for their time and were dismissed.

Data Collection. Similar to the practice drive, participants were shown a map of the route and written turn-by-turn directions. A GPS device provided turn-by-turn guidance during the drive. Participants were not told that the focus of the study was related to billboards. Rather, participants were told that researchers were investigating eye-gaze behavior as it relates to driving while following auditory directions. The first half of the data collection for each participant lasted approximately 30 minutes. Roughly one half of the participants drove Route A first and the remaining participants began with Route B. A five minute break followed the completion of the first route.

During the drives, a researcher in the front passenger seat assisted the driver when additional route guidance was required. That researcher also recorded near misses or driver errors as necessary. The researcher in the rear seat monitored the performance of the eye tracker. If the eye tracker performance became unacceptable (i.e., loss of calibration), then the researcher in the rear asked the participant to park in a safe location so that the eye tracker could be recalibrated.

Debriefing. **After driving both routes, participants were asked to complete a driver feedback questionnaire and were given $120.00 cash for their participation. Participants were informed of the study's true purpose after all data from that participant was collected.**

B. DATA REDUCTION

Selection of Data Collection Zone Limits

In evaluating eye gaze measures to CEVMS and standard billboards, it is important to take into consideration the abilities of the driver to see and read signs. Also, the capability of the data collection system and data analyses procedure needs to be taken into account when setting the limits of each data collection zone. In this study, data collection zones were defined as the distance leading up to a target billboard (CEVMS or standard) that is used in the analysis of the

gaze data. One must use caution when selecting data collection zone limits for many reasons. If a very long data collection zone length was selected where the drivers could not be expected to read the billboards and the eye tracking and video analysis system could not resolve the billboard, then the proportion of time that drivers were looking at billboards would tend to be underestimated. On the other hand, very short data collection zone lengths would result in missing gazes to the billboards that should have logically been captured.

The rationale for selecting the data collection zone limits took into account the geometry of the roadway (e.g., road curvature or obstructions that blocked view to the billboards) and capabilities of the eye-tracking system (two degrees of resolution). Nine hundred and sixty feet was accepted as the maximum approach length. The MUTCD 2009 guideline of 30 ft (9.14m) per inch (25.4 mm) of letter height was used to estimate the sign legibility distance. Given an average letter height of 32 in (812.8 mm) for the CEVMS, a maximum distance of 960 ft (292.61 m) was computed (actual distances can be seen in table 2). An exception was made in the case where a CEVMS data collection zone overlapped with a collection zone of the previous CEVMS; in this case the data collection zone was greater than 960 ft (292.61 m). The start of the second data collection zone was defined as the location of the preceding. If the target billboard was not visible from 960 ft (292.61 m) due to roadway geometry or other visual obstructions, such as trees or an overpass, then the data collection zone was shortened to a distance that prevented these objects from interfering with the driver's vision of the billboard. In data collection zones with target off-premise billboards, the end of the data collection zone was marked by that billboard. If the area contained no off-premise advertising, then the end of the data collection zone was defined by a physical landmark.

In Reading, the average billboard height was 12.8 ft (3.90 m) and the average width was 36.9 ft (11.25 m). At a distance of 960 ft (292.61 m), a 12.8 ft (3.90 m) by 36.9 ft (11.25 m) sign would subtend a horizontal visual angle of 2.20 degrees and a vertical visual angle of 0.76 degrees. Given these values, the billboards were resolved by the eye tracking system and could be read by the participants.

Researchers attempted to examine glances to the billboards at very long distances (up to 3,883 ft or 1,183.54 m). However, at these long distances an eye glance that may have been to a billboard could not be differentiated from a glance to another object nearby, the roadway, or the sky. Table 2 shows the data collection zone limits utilized in this experiment.

Eye Tracking Measures

The images recorded from the three cameras mounted on the roof of the research vehicle were stitched into a single panoramic view. Glance behavior was reduced by observing gaze location indicated by a cursor that was overlaid onto the panoramic view. The cursor location approximated where the participant's gaze was directed within 2 degrees on a frame-by-frame basis. The panoramic view was generated at 25 frames per second. In addition, a text file containing parameters from the eye tracking system was generated. The text file included information regarding eye-gaze vectors and their quality, gaze location in relation to a world model, and other gaze variables (e.g., eye blinks, pupil diameter). A second text file was also produced that contained GPS coordinates, vehicle speed data, and distance from the beginning of the trip. The eye tracker recorded at 60Hz and was down sampled and matched to the

corresponding video frames that were output at 25Hz. The digital data containing the GPS and speed data were also processed such that these data would correspond to the 25Hz frame rate.

The video data was reduced on a frame-by-frame basis and recorded in a relational database. Glance locations were classified as follows:

1. **Road ahead.** This category of glances included the roadway surface from edge of shoulder to edge of shoulder or curb to curb. That is, the physical roadway (for both directions of travel) between the research vehicle and the vanishing point of the roadway was included. Distant trees and buildings defining the path of the roadway ahead, as well as bridges, guard rails, embankments, etc. were also classified as road ahead as were traffic control devices, other vehicles, and pedestrians who could potentially interact with the vehicle.

2. **Target CEVMS.** These were glances to a pre-determined digital billboard in its respective data collection zone.

3. **Target standard billboard**. These were glances to a pre-determined standard billboard in its respective data collection zone.

4. **Other standard off-premise billboards**. These were glances to other non-target standard (vinyl) billboards present in a data collection zone. These other non-target off-premise billboards occurred in both CEVMS and standard billboard data collection zones.

5. **Miscellaneous.** This category included glances to areas of extraneous built environment (such as building structures, houses, hotels, commercial and industrial buildings, malls, parking lots, etc.) and natural environment (fields, forests, foliage, trees, bushes, mountains, lakes, rivers, clouds, sky, etc.) which did not assist in defining the roadway.

6. **Indeterminate**. These were video frames where the eye-tracking cursor was not present or the cursor was outside the panoramic field of view. This category included glances to the vehicle instruments and rear view mirrors, as well as glances to areas of the roadway outside the panoramic view. A proportion of the indeterminate glances were later classified as to the gauge cluster based on analysis of the data; this ultimately resulted in glances to seven categorical areas.

Analysts coded each frame of the data collection zone using one the six categories listed above (the sixth category was later subdivided allowing glances to the gauge cluster to become its own category). On each frame, the cursor needed to touch a given object for the analyst to score a category glance to that object category. Figure 13 illustrates a video frame that was scored as a glance to a target CEVMS.

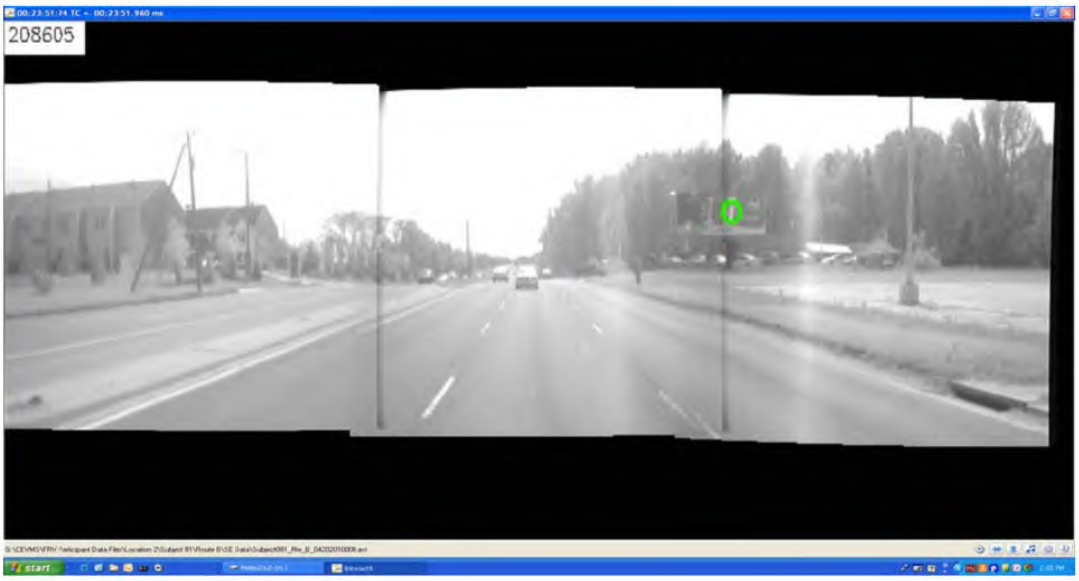


Figure 13. Panoramic Video with the Eye-Tracking Cursor (Highlighted by the Green Circle) in the Center of a CEVMS.

After the video data was reduced, data validation and processing procedures were carried out. Software programs insured that frames were not accidentally double-coded, the beginning and end of each data collection zone were correct, and the correct codes were used for target billboards.

Data Processing

Data processing resulted in a data file that could be used for calculating glance duration to the different pre-defined objects and categories (Road Ahead, CEVMS, etc.).

Gaze Calculation. **Within each data collection zone, the processed data files were examined to determine the number of consecutive frames that were scored as being in the same category. Each group was considered one gaze and it was possible for a gaze to contain only a single frame (0.04 sec. duration). Previous research has shown that gazes cases do not need to be separated into saccades and fixations before calculating such measures as percent of time looking to the road ahead. [(18)] The analyses performed in this report are therefore based on gaze data.**

Ultimately, calculating gazes resulted in a data file that contained gazes and gaze durations as a function of scoring categories and data collection zones for each participant.

Performance Measures. **The following performance measures were computed from the gaze data files.**

Mean Percent of Time: Within each data collection zone, the mean percent of time spent looking at a given object or class of objects was computed for each of the following categories:

1. Road ahead.
2. Target CEVMS.
3. Target standard billboard.
4. Other standard billboard.
5. Miscellaneous.
6. Unknown (these were indeterminate glances that could not be classified to the gauge cluster).
7. Gauge cluster.

For each data collection zone, the sum of the percent of time across the above seven categories equaled 100. That is, all gazes were accounted for in data analysis and none were excluded.

Mean Rate of Eye Gazes: The mean rate of eye gazes was defined as the frequency of eye gazes to a particular object category divided by the amount of time available in the data collection zone. If a data collection zone consisted of 23 frames (23/25 of a second or 0.92 sec), then the mean rate of eye gazes for the target CEVMS category would be equal to two gazes divided by 0.92 sec, or approximately 2.17 gazes per second. This measure was computed for the target CEVMS and target standard billboard categories within their respective collection zones. Note that this metric was not sensitive to the duration of eye glances.

Mean Duration of Eye-Gazes: The mean duration of eye-gazes was defined as the average length of each gaze to a particular object category (i.e., the total duration of eye glances divided by the number of separate gazes). This measure was calculated for the target CEVMS and standard billboard categories within their respective data collection zones.

Driving Behavior Measures: During data collection the front-seat researcher observed the drivers' behaviors and the driving environment. The following categories were used to score researcher observations:

- **Driver Error:** Signified any error on behalf of the driver in which the researcher felt slightly uncomfortable, but not to a significant degree (e.g., driving on an exit ramp too quickly, turning too quickly).
- **Near Miss:** Signified any event in which the researcher felt uncomfortable due to driver response to external sources (e.g., slamming on brakes, swerving). A near miss is the extreme case of a driver error.
- **Incident:** Signified any event in the roadway which may have had a potential impact on the attention of the driver and/or the flow of traffic (e.g., crash, emergency vehicle, animal, construction, train).

These observations were entered into a notebook computer linked to the FRV data collection system. However, neither driver errors nor near misses occurred in the limits of a data collection zone.

C. RESULTS AND DISCUSSION

The results are presented principally to address three key experimental questions: (a) do drivers look more at CEVMS than at standard billboards, (b) are there long glances to off-premise advertising billboards, and (c) is there a tradeoff between looking at off-premise advertising billboards and the road ahead? However, the overall distribution of time spent looking at the different target categories for each of the billboard and no off-premise advertising environments are presented to give an overall picture of the results.

All statistical analyses used an alpha level of .05. All error bars presented in the following figures show ± two standard errors about the mean (which closely approximate a 95 percent confidence interval).

Mean Percent of Time

Table 4 presents the mean percent of time participants spent gazing at each of the areas of interest as a function of data collection zone type. As previously noted, the data collection zones are classified in terms of the presence or absence of off-premise advertising and the type of advertising (CEVMS or standard billboards). The data in table 4 are averaged across time of day. This table illustrates the tradeoffs between gazing at different objects and areas in the visual scene. As the table shows, gaze activity in the CEVMS, standard billboard, and built environment data collection zones resulted in approximately the same percent of time for the road ahead, ranging from 83.3 percent to 84.3 percent. The natural environment shows the highest percent of time looking to the road ahead.

Table 4. Mean Percent of Time Looking to Areas of Interest Based on Data Collection Zone Type.

	Road Ahead	**Misc**	**Unknown**	**Gauges**	**Target Billboards**	**Non-Target Standard Billboards**	***Total***
CEVMS	83.3%	6.9%	5.4%	1.2%	2.8%	0.4%	*100%*
Standard Billboards	84.3%	7.2%	4.7%	1.3%	1.6%	1.0%	*100%*
Built Environment	82.3%	14.2%	3.0%	0.5%	—	—	*100%*
Natural Environment	87.3%	4.5%	5.7%	2.5%	—	—	*100%*
Mean	***84.3%***	***8.2%***	***4.7%***	***1.4%***	***2.2%***	***0.7%***	—

Data were analyzed using a 2 (time of day) x 4 (data collection zone type) mixed design ANOVA on each target category. Because the raw percentages are positively skewed (deviating from normality), additional analyses were performed using transformed data. Data were transformed using the arcsine of the square root of the proportions. This transformation works

on measures distributed between zero and one and thus proportions rather than percentages were used. [19]

Mean Percent of Time to Target Advertising

Participants spent significantly more time looking at CEVMS than at standard billboards: $F(1, 29) = 9.88$, $p < .01$. As can be seen in Table 4, the mean percent of time drivers spent looking at CEVMS (2.8 percent) was nearly double that of standard billboards (1.6 percent).

Overall, participants directed a significantly greater percent of glances to billboards during the daytime (2.9 percent) as they did at nighttime (1.3 percent): $F(1, 29) = 14.24$, $p < .01$. There was not a significant interaction between billboard type and the time of day.

Mean Percent of Time to Road Ahead

Figure 14 shows the main effect for advertising: $F(3, 87) = 3.93$, $p < .05$. The percent of time looking to the road ahead was the greatest for the natural environment and lowest for the built environment. As figure 14 shows, the CEVMS, standard billboard and built environment data collection zones did not significantly differ from each other but each significantly differed from the natural environment: $p < .05$. Participants spent significantly more time gazing at the road ahead at night (89 percent) than during the day (81 percent): $F(1, 87) = 9.07$, $p < .01$. This is true for all data collection zones.

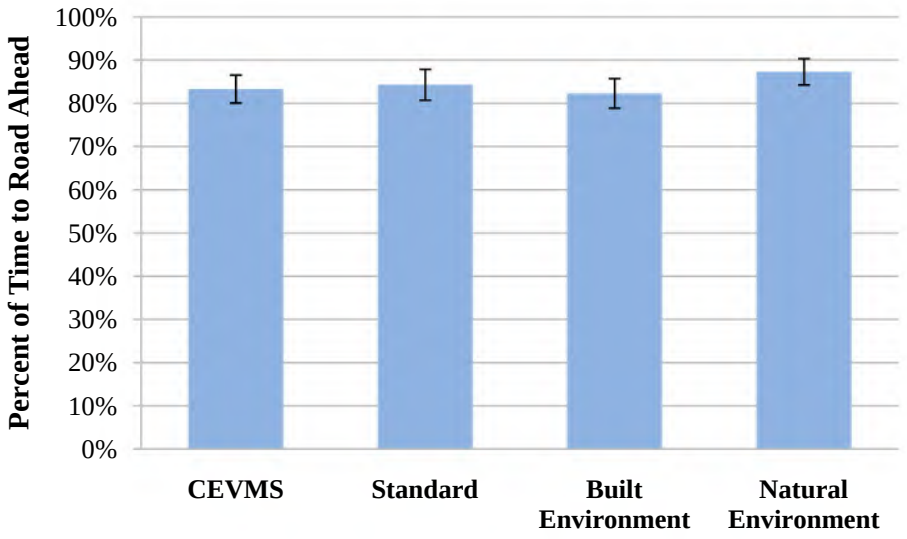


Figure 14. Percent of Time to Road Ahead as a Function of Data Collection Zone Type.

Mean Duration of Eye Gazes

Overall, data collection zone type did not significantly affect mean glance duration: $F(1, 29) = 1.52$, $p > .05$. Averaged across data collection zones, the mean glance duration, was 0.07 s (standard deviation 0.06 s).

The mean duration of gazes to the road ahead were also examined (M = 0.59 s), revealing no significant differences based upon data collection zone type: $F(1, 29) = 0.34$, $p > .05$.

Mean gaze durations may be misleading when the distribution of the duration of glances is skewed, which, as can be seen in Figure 15, was the case for glances to billboards. The figure shows the proportion of glance durations to CEVMS and standard billboards under nighttime and daytime conditions. All of these distributions show a positive skew with most of the gaze durations being relatively short.

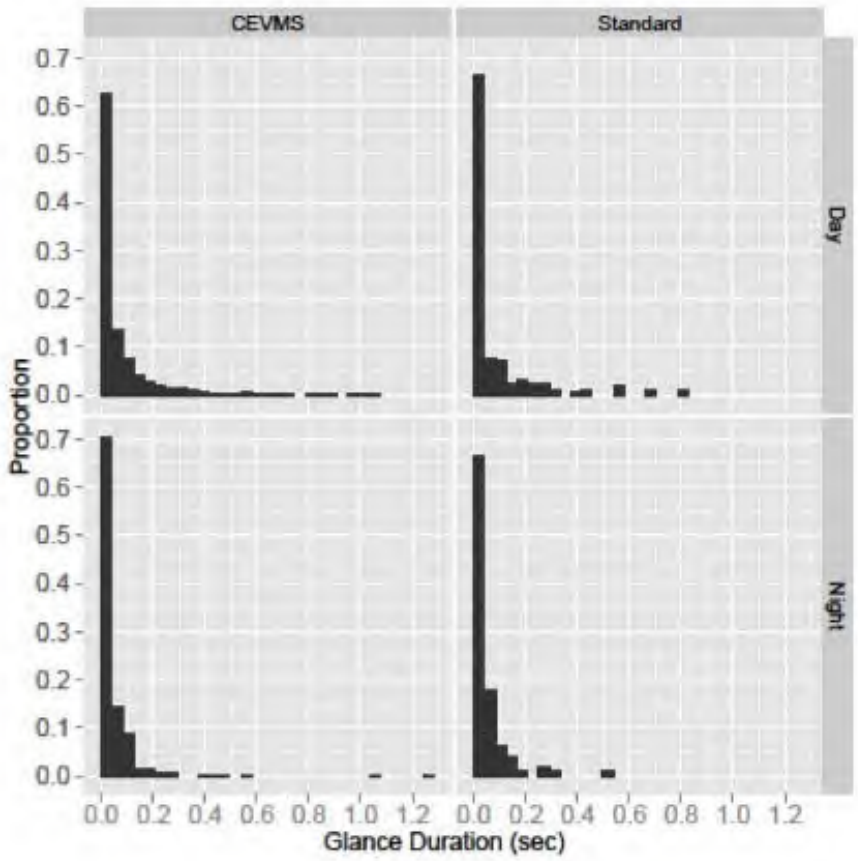


Figure 15. The Proportion of Gaze Duration for CEVMS and Standard Billboards under Daytime and Nighttime Driving Conditions.

Table 5 shows the total number of glances to target billboards summed over participants and target billboards. Although the shapes of the distributions are similar, there were approximately four times more gazes toward CEVMS than standard billboards. This difference in the number of gazes is principally due to the fact that there were 11 CEVMS and only 5 standard (target) billboards in the study. The numbers presented in parenthesis in this table are the result of the total number of glances to billboards divided by the number of billboards multiplied by the number subjects in each condition. Even when accounting for the number of billboards, there was still a higher frequency of glances to CEVMS than to standard billboards. Overall, there also were more glances to billboards during the day than at night.

Table 5. Total Number of Gazes for the CEVMS and Standard Billboard Conditions as a Function of Time of Day.

Advertising Condition	*Time of Day*	
	Day	**Night**
CEVMS	668 (3.57)*	404 (2.62)
Standard Billboard	155 (1.82)	96 (1.37)

* Numbers in parenthesis are the glance frequency totals divided by the number of billboards and participants in the respective conditions.

Figure 15 shows that a small percentage of glances exceeded 1 s in duration. The following section presents analyses of these glances. Previous research has shown that glances away from the forward roadway exceeding 2 s have increased crash risk.[12] As a conservative measure, a value of shorter duration was selected for the analyses.

Long Duration Eye Gazes

Table 6 presents a summary of participant glances longer than 1 s to target billboards. The long glances were to CEVMS and were as likely to happen during the day as at night. Long glances to off-premises advertising were rare events. Of the total 1,072 glances to target CEVMS, only 5 exceeded 1 s (0.47 percent; ranging from 1.0 – 1.28 s).

Table 6. Summary of Long Gazes to Off-Premises Advertising in Reading.

Data Collection Zone	*Time of Day*	*Advertising*	*Duration (sec)*	*Horizontal Offset (ft)*	*Distance from Sign (ft)*	*Horizontal Angle (deg)*
1	Day	CEVMS Complex	1.04	22	402	3.13
5	Day	CEVMS	1.28	50	605	4.72
17	Day	CEMVS	1.00	92	824	6.37
19	Night	CEMVS	1.28	54	241	12.63
19	Night	CEMVS	1.04	54	464	6.64

Figure 16 shows the CEVMS (horizontally offset 54 ft from the roadway) in data collection zone 19, a relatively uncluttered visual environment. That sign had two long glances, both at night, beginning at 464 ft and 241 ft away. The visual angle subtended by the sign at these distances and offset was close to the area defined as road ahead. As a result of its proximity to the roadway, drivers may have felt comfortable directing longer glances to this sign. In other words, because this billboard was so close to the roadway, it is possible that it captured longer glances than if it were a greater distance from the vehicle path.



Figure 16. Data Collection Zone 19.

Mean Percent of Time to Other Non-Target Standard Billboards

Participants spent a significantly greater percentage of their time looking at standard non-target billboards in standard billboard data collections zones (.99 percent) than in CEVMS zones (.38 percent): $F(1, 29) = 11.06$, $p < .01$.

Participants also directed more glances at other non-target standard billboards during the day (1.02 percent) than at night (0.26 percent): $F(1, 29) = 16.35$, $p < .01$.

Mean Percent of Time Looking at Miscellaneous

Participants looked at many miscellaneous objects along the roadway, including buildings, parking lots, on-premises advertising, and other built environments away from the roadway. The amount of time participants spent looking at miscellaneous objects was significantly affected by data collection zone type: $F(3, 87) = 44.7$, $p < .01$. As can be seen in Figure 17, in the built environment, participants spent the most amount of time looking at miscellaneous objects, followed by the CEVMS and the standard billboard data collection zones. No significant difference in the percent of time spent looking at miscellaneous objects was found between the CEVMS and standard billboard zones: $p > .05$. The natural environment data collection zone showed the lowest percent of time gazing at miscellaneous objects; participants spent about 4.5 percent of the time looking at trees: $p < .05$.

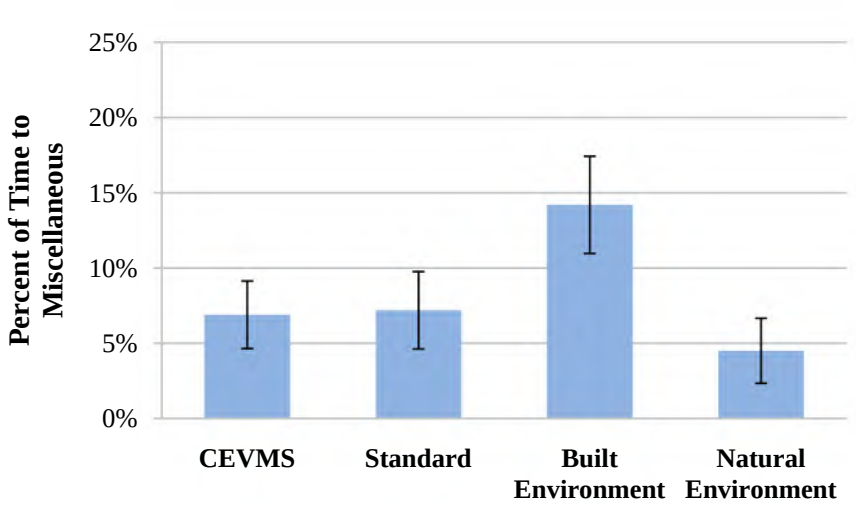


Figure 17. Percent of Time Looking at Miscellaneous as a Function of Data Collection Zone Type.

There were more glances toward miscellaneous objects in the daytime (10.9 percent) than the nighttime (4.9 percent): $F(1, 87) = 9.07$, $p < .01$.

Mean Percent of Time to the Gauge Cluster

Advertising type had a significant effect on glances to the vehicle gauge cluster: $F(3, 87) = 11.89$, $p < .01$. Figure 18 illustrates that there were more glances to the gauge cluster in natural environment data collection zones than in any of the others. The built environment data collection zone showed the lowest percentage of glances to the gauge cluster. The CEVMS and standard billboard zones did not significantly influence the amount of time participants spent looking at the gauge cluster. The built environment data collection zone showed the lowest percentage of glances to the gauge cluster. The CEVMS and standard billboard zones did not significantly influence the amount of time participants spent looking at the gauge cluster: $p > .05$.

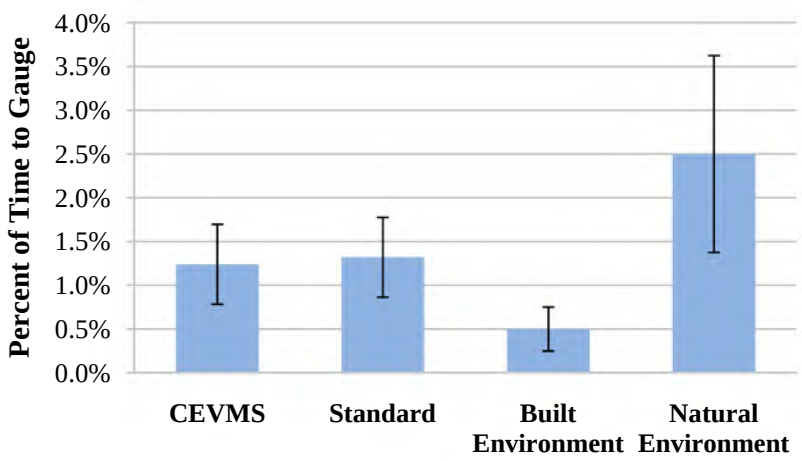


Figure 18. Percent of Time Looking to the Gauge Cluster as a Function of Data Collection Zone Type.

Mean Percent of Time Glances at Unknown Objects

The percent of time that glances could not be classified also varied significantly with data collection zone: $F(3, 87) = 7.45$, $p < .01$. As can be seen in Figure 19, there were significantly fewer glances at unknown objects in the built environments than in the other three environments (natural, standard, CEVMS) which did not differ from each other: $p < .05$. There were no other significant differences $p > .05$.

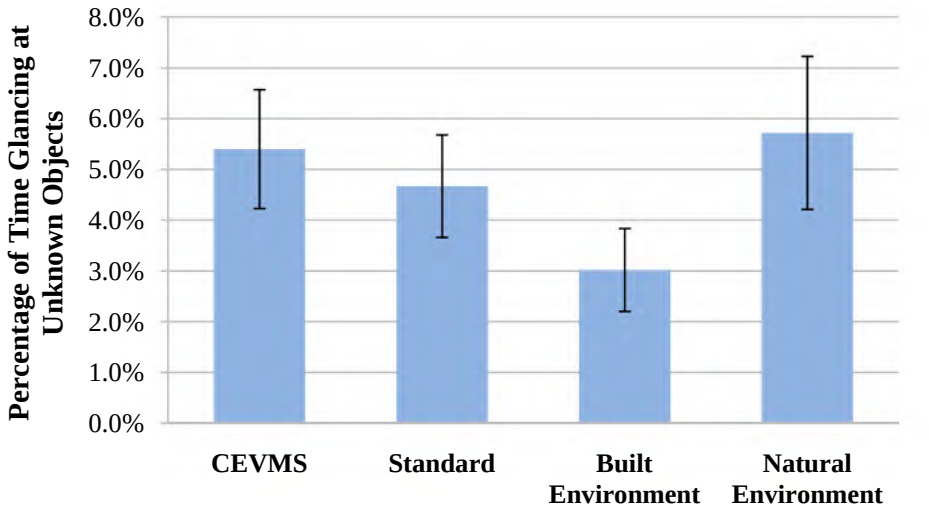


Figure 19. Percentage of Time Glancing at Unknown Objects as a Function of Data Collection Zone Type.

Mean Rate of Glances

Overall there were low rates of glances to both types of billboards. When separated by billboard type, participants showed a greater mean rate of glances at target CEVMS than at target standard billboards: $F(1, 29) = 15.54$, $p < .01$. In the CEVMS data collection zones, the average rate of glances at target advertising is about 0.42 per s, or 4.2 glances every 10 s. In the standard billboard data collection zones, a rate of 0.20 per s, or 2 glances every 10 s, was found. Overall, the rate of glances was higher during the day (0.39 glances per second) than at night (0.21 glances per s): $F(1, 29) = 8.32$, $p < .01$.

There were no significant differences for mean rate of glances at the road ahead as a function of time of day or data collection zone type. The mean rate of glances at the road ahead was 5.00 gazes per second.

Relationship between Photometric Measures and Glance Behavior

Analyses were conducted to determine if there was a relationship between sign luminance or contrast and participant glance behavior. Correlational analyses were conducted among glance duration and luminance and the Weber contrast measures for the individual signs. Separate correlational analyses were conducted for CEVMS and standards billboards during nighttime and daytime. The correlations among glance duration and the photometric measures were all low and not statistically significant ($p > .05$).

CEVMS Correlations. For the daytime, the correlation between glance duration and luminance was r = -.007. For the nighttime the correlation was r = 0.037. The correlation between glance duration and contrast were r = 0.049 for daytime and r = -.071 for nighttime. None of these correlations were significant ($p < .05$).

Standard Billboard Correlations. The correlation between glance duration and luminance was r = 0.053 for the daytime and r = -0.147 for the nighttime. The correlation between glance duration and contrast was r = 0.07 in the daytime and r = 0.160 for the nighttime. None of these correlations were significant ($p < .05$).

Observation of Driver Behavior

No near misses or driver errors were observed in data collection zones experiment 1.

Results Including CEVMS Complex

As noted previously, the CEVMS complex condition included two CEVMS, multiple standard billboards, and a visually complex built environment (hotel, car dealership, restaurants, and parking lots). Table 7 shows the percent of time glances were directed at different objects or areas (e.g., road ahead) in the driving environment. The CEVMS complex data collection zone shows the lowest percent of time looking to the road ahead. The largest difference between the CEVMS complex and the CEVMS/standard billboard data collection zones is the percent of glances to miscellaneous objects. The following presents statistical results for percent of time measures and glance duration.

Table 7. Mean Percentage of Time Looking at Areas of Interest Based on Data Collection Zone Type.

	Road Ahead	Misc	Unknown	Gauges	Target Billboards	Non-Target Standard Billboards	*Total*
CEVMS Complex	75.9%	10.4%	5.6%	1.7%	3.8%	2.5%	*100%*
CEVMS	83.3%	6.9%	5.4%	1.2%	2.8%	0.4%	*100%*
Standard Billboards	84.3%	7.2%	4.7%	1.3%	1.6%	1.0%	*100%*
Built Environment	82.3%	14.2%	3.0%	0.5%	—	—	*100%*
Natural Environment	87.3%	4.5%	5.7%	2.5%	—	—	*100%*
Mean	***82.6%***	***8.6%***	***4.9%***	***1.4%***	***2.7%***	***1.3%***	—

There were significantly more glances at target CEVMS relative to target standard billboards: $F(2, 57) = 7.02$, $p < 0.002$. Figure 20 presents the mean percentage of time spent looking at target billboards as a function of data collection zone.

The results including the CEVMS complex data collection zone were similar to those presented earlier. The percent of eye glances to target advertising in the CEVMS complex and CEVMS environments were not significantly different from each other ($p > .05$); however, participants spent a significantly greater percentage of time glancing at target advertising in both types of CEVMS environments than in the standard billboard zones ($p < .05$).

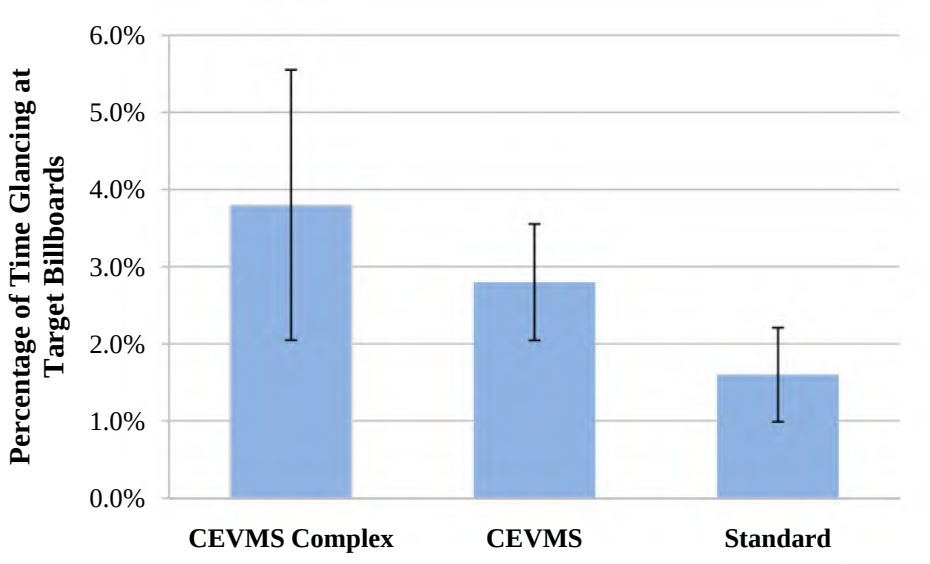


Figure 20. Percent of Time Glancing at Target Advertising as a Function of Data Collection Zone Type.

The participants directed a greater percentage of glances at target billboards during the daytime (3.4 percent) than during the nighttime (1.8 percent): $F(1, 29) = 6.76$, $p < .02$. The time of day did not interact with target billboard type.

The percentage of time spent looking at the road ahead was significantly influenced by the type of data collection zone: $F(4, 115) = 12.90$, $p < .01$. Figure 21 presents these results. The percent of time looking to the road ahead was the highest for the natural environment and lowest for the CEVMS complex data collection zone. CEVMS, standard billboard, and built environment zones did not differ from each other, but differed from the CEVMS complex and natural environment conditions. This finding suggests that whereas visual attention to CEVMS and standard billboards did not result in a tradeoff of time spent looking at the road ahead, there was evidence of such a tradeoff in the CEVMS complex zone.

The participants spent significantly more time gazing at the road ahead at night (87 percent) than during the daytime (79.2 percent): $F(1, 29) = 6.80$, $p < .05$. The time of day did not interact with data collection zone type. In each of the data collection zone types, drivers spent more time looking at the road ahead at night.

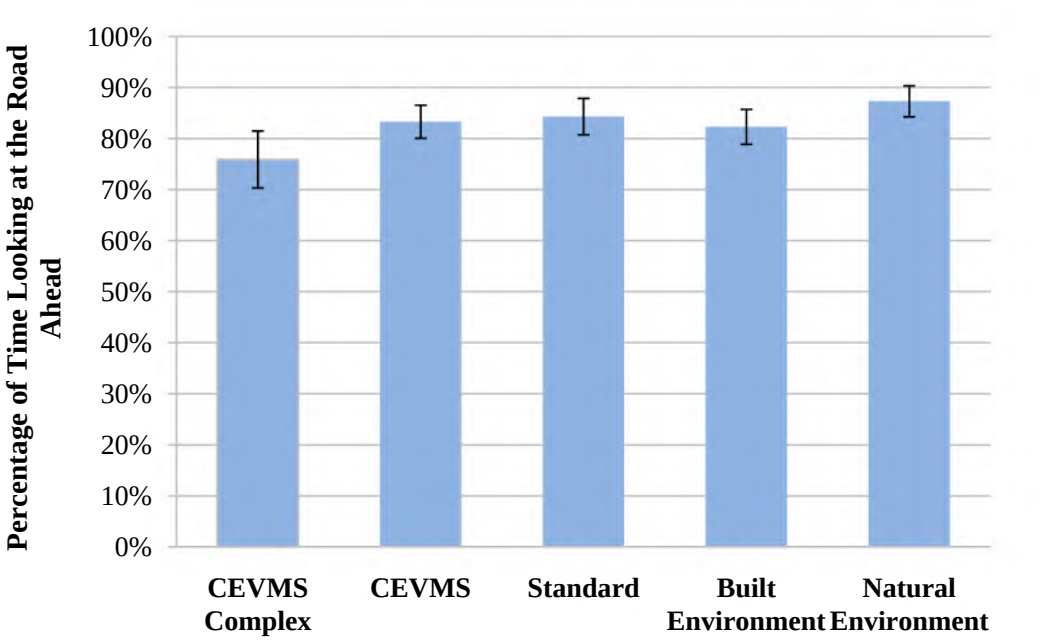


Figure 21. Percent of Time Looking at the Road Ahead as a Function of Data Collection Zone Type.

Figure 22 shows the mean duration of glances at target off-premise billboards. There were no significant differences in mean glance duration among the three advertising types (CEVMS complex, CEVMS, and standard). The CEVMS complex data collection zone shows a mean duration of approximately 0.08 s; however, the variability is such that it is not statistically different from the other data collection zones. The average glance duration regardless of advertising type was 0.070 s (standard deviation 0.058 s).

The average duration of glances at the road ahead was also evaluated for the CEVMS complex, CEVMS, and standard billboard data collection zones. The analysis showed no statistically significant differences. On average, glances to the road ahead were 0.59 s (standard deviation 0.19 s).

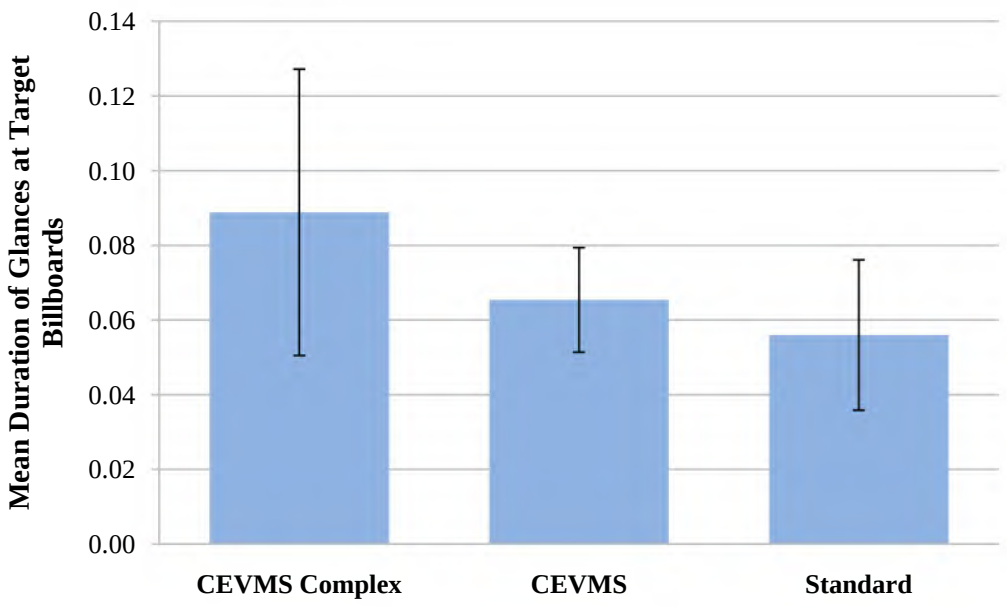


Figure 22. Mean Duration of Glances at Target Billboards as a Function of Data Collection Zone Type.

Discussion

A road experiment was conducted to examine the following three experimental questions regarding CEVMS and visual attention:

- Do drivers look at CEVMS more than at standard billboards?
- Are there long glances at CEVMS that would be indicative of a decrease in safety?
- Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?

The drivers did look more at CEVMS than at standard billboards. The percentage of time spent glancing at CEVMS was 2.8 percent and at standard billboards 1.6 percent. These are small percentages; however, they are statistically different from each other. In the CEVMS complex data collection zone, time spent glancing at CEVMS was 3.8 percent; however this data collection zone had two CEVMS and so the percent per CEVMS averaged 1.9 percent. These results are consistent with previous finding from Smiley et al. showing a relatively small percentage of glances at advertising.[8] Smiley et al. recorded 0.2 percent of glances at billboards and 2 percent at video advertising.

There were no differences between CEVMS and standard billboard conditions with respect to the average duration of glances. On average the glance duration was about 0.07 s for both CEVMS and target standard billboards, and there were only five eye glances to CEVMS in the entire study that were equal to or greater than 1 s in duration. The longest glance at a CEVMS was of 1.28 s. Klauer et al. observed increases in near-crash/crash risks of more than two times normal, baseline driving where the duration of eyes off the forward roadway exceeded 2 s.[12] None of the glance durations to CEVMS approached this length.[12] Horrey and Wickens focused on how safety-related phenomena may be more strongly linked to those observations that lie in the tail of

a given distribution and not necessarily to the mean.[20] In their research they used a threshold of eye glances longer than 1.6 s away from the forward roadway as an indication of poor driving and an increase in risk.[21] The current results are also below this more conservative threshold.

The CEVMS, standard billboard, and built environment conditions did not differ significantly from each other (83, 84, and 82 percent, respectively) in the percent of glances to the road ahead. In these areas drivers also gazed at objects that were on the side of the road for about an equal amount time. In the case of CEVMS and standard billboard areas, drivers gazed at off-premises advertising as well as other objects on the side of the road. In the case of built environment, about 14 percent of the time the drivers were looking at the side of the road where no off-premises advertising was present. In these three areas there appear to have been trade-offs as to where the drivers directed their gazes away from the roadway while maintaining about the same percentage of time looking at the road ahead.

The degree to which drivers gazed toward the road ahead was affected by the nature and quantity of visual information on the roadside. The CEVMS complex area was included in the analysis to examine the effect of a complex roadway scene with a large quantity of off–premise advertising on driver visual behavior. In this area, participants spent the lowest percentage of time looking at the road ahead (76 percent). Overall, participants spent about 10 percent of the time, on average, gazing at objects on the side of the road (i.e., buildings, on-premises advertising, parked cars in a car dealership, etc.).

In natural environment zones, drivers gazed at the road ahead 87 percent of the time, which was significantly more than for the other data collection zones in the study. These natural environment data collection zones principally contained trees and other foliage on the side of the road.

The results also showed that drivers spent more time looking at billboards (both CEVMS and standard billboards) in the daytime than at night. As one would expect, at night, the CEVMS complex and CEVMS zones had higher luminance and contrast than the standard billboards. However, these differences in sign luminance did not appear to affect gaze behavior in this study. This finding is supported by previous research by Olson, Battle, and Aoki, who reported that drivers devote more of their time to the road ahead at night than in the day.[22] In the present study, at night, the drivers focused more of their gazes on the road ahead and devoted less time to CEVMS, target standard billboards, other standard billboards, and other objects on the side of the road (e.g., miscellaneous). Objects along the side of the road generally receive less illumination (i.e., are of lower contrast) at night and are subsequently more difficult to see than during the daytime.

The study indicated that as the overall clutter or complexity of the roadside visual environment increases, drivers will look at it, and glances to the road ahead will decrease. This effect was evident in the CEVMS complex and built environment data collection zones, where drivers spent 10.4 and 14.2 percent of the time, respectively, looking at object along the roadside. Clutter was defined in terms of the amount of visual information and included buildings, signs, businesses, parked cars, and so on. Areas with high levels of clutter tended to be on arterials with associated businesses on the sides of the road. This aspect of the high-clutter areas also relates to the potential for safety risks (e.g., vehicle coming out of a business) and thus more glances to the left and right sides of the road cannot definitively be attributed to distraction alone.

IV. EXPERIMENT 2

The objectives of the second experiment were the same as those in the first experiment, and the design of experiment 2 was very similar to experiment 1. The independent variables included the type of data collection zone (CEVMS, standard billboard, or no off-premises advertising) and time of day (day or night). In addition, the data collection zones in this experiment were grouped into those presenting low and moderately high visual complexity. In total, experiment 2 included the following independent variables: time of day (day or night), type of data collection zone (CEVMS, standard billboards, no off-premise advertising), and visual complexity (low and high). As with experiment 1, the time of day was a between-subjects variable and the other variables were within subjects.

On average, the test routes for Richmond, VA were slightly longer in duration than those for Reading, lasting approximately 30 to 35 minutes. As in Reading, the routes represented a variety of freeway and arterial driving segments. Route A was 15 miles long and contained five target CEVMS, three target standard billboards, and two no off-premise advertising data collection zones. Route B was 20 miles long and had four target CEVMS, three target standard billboards, and two no off-premise advertising data collection zones. Table 8 is an inventory of the target billboards along the Richmond data collection routes with relevant parameters.

Table 8. Inventory of Target Billboards in Richmond with Relevant Parameters.

Visual Complexity	*Advertising Type*	*Copy Dimensions (ft)*	*Change Rate (sec)*	*Side of Road*	*Setback from Road (ft)*	*Approach Length (ft)*	*Other Standard Billboards*
High	CEVMS	11’0 x 23’0”	10	R	35	960	0
High	CEVMS	10’6” x 36’0”	10	L	88	960	0
High	CEVMS	12’ 6” x 42’ 0”	10	L	227	960	5
High	Standard	14’0” x 48’0”		R	134	889	3
High	Standard	10’6” x 45’3”		L	124	960	2
High	Standard	10’6” x 22’9”		L	76	863	0
Low	CEVMS	12’5” x 40’0”	10	R	82	960	2
Low	CEVMS	14’0 x 36’0”	10	R	69	960	2
Low	CEVMS	14’0 x 36’0”	10	L	128	960	2
Low	CEVMS	14’0” x 28’0”	20	L	119	960	0
Low	CEVMS	10’6” x 36’0”	10	R	42	960	2
Low	CEVMS	14’0” x 28’0”	10	R	56	960	0
Low	Standard	14’0” x 48’0”		L	195	960	0
Low	Standard	14’0” x 48’0”		R	125	960	3

A. METHOD

Advertising Type

Three data collection zone types (similar to those used in experiment 1) were used in Richmond:

- **CEVMS.** Data collection zones contained one target CEVMS.
- **Standard billboard.** Data collection zones contained one target standard billboard.

- **No off-premise advertising.** Data collection zones did not contain any off-premise advertising.

The zones were further categorized in terms of visual complexity (described in greater detail below). This categorization considered the presence or absence of buildings, businesses, and on-premise advertising.

Table 9 presents a breakdown of the data collection zones for the three advertising conditions as a function of visual complexity.

Table 9. Advertising Conditions by Level of Visual Complexity.

	Level of Visual Complexity	
Advertising	**High**	**Low**
CEVMS	3	6
Standard Billboard	3	2
No Advertising	2	2

Figures 23-36 below represent various pairings of data collection zone type and visual complexity. Target off-premise billboards are indicated by red rectangles.



Figure 23. Example of a CEVMS Data Collection Zone with High Visual Complexity.



Figure 24. Example of CEVMS Data Collection Zone with Low Visual Complexity.



Figure 25. Example of a Standard Billboard Data Collection Zone with High Visual Complexity.



Figure 26. Example of a Standard Billboard Data Collection Zone with Low Visual Complexity.

Photometric Measurement of Signs

The photometric measurements in Richmond were performed using the same equipment and procedures that were employed in Reading with a few minor changes. Photometric measurements were taken during the day (between 8:20AM and 11:20AM) and at night (between 5:40PM and 10:45PM). Measurements of the standard billboards were taken at an average distance of 284 ft, with maximum and minimum distances of 570 ft and 43 ft. The average distance of measurements for the CEVMS was 479 ft, with maximum and minimum distances of 972 ft and 220 ft.

Luminance: The mean luminance of CEVMS and standard billboards disaggregated by visual complexity, during daytime and nighttime are shown below in Table 10.

Table 10. Luminance Values (cd/m^2) for the Low and High Visual Complexity Conditions.

	High Complexity			**Low Complexity**		
Day	*Min*	*Max*	*Average*	*Min*	*Max*	*Average*
CEVMS	1,339	2,536	2,027	1,422	3,357	2,228
Standard Billboard	1,014	1,567	1,258	4,424	7,149	5,787
Night						
CEVMS	26	53	42	39	79	61
Standard Billboard	7	11	9	5	16	11

Contrast: The daytime and nighttime Weber contrast ratios for both types of billboards are shown in Table 11. During the daytime, the contrast ratios of both CEVMS and standard billboards were close to zero (the surroundings were about equal in brightness to the signs). At night, the CEVMS and standard billboards had positive contrast ratios. Similar to Reading, PA, the CEVMS produced greater contrast ratios at night than during the day.

Table 11. Weber contrast values in low and high visual complexity environments.

	High Complexity			Low Complexity		
Day	*Min*	*Max*	*Average*	*Min*	*Max*	*Average*
CEVMS	-0.56	-0.41	-0.48	-0.47	0.64	-0.05
Standard Billboard	-0.14	0.28	0.06	-0.26	0.73	0.24
Night						
CEVMS	19.20	123.60	67.80	15.82	162.11	68.85
Standard Billboard	7.22	15.18	12.44	-0.01	6.02	3.00

Visual Complexity

As with experiment 1, the subband entropy measure was used to estimate the level of visual complexity/clutter in the data collection zones. For each zone, a single frame was captured from a color video and saved as a JPEG image. The JPEGs were analyzed with MATLAB routines that computed a measure of subband entropy for each image. Figure 27 shows the mean subband entropy measures for each of the advertising conditions (note that due to the limited number of data collection zones, standard error information is not included). The subband entropy measures correlate well with the categorization of the data collection zones into two levels of visual complexity.

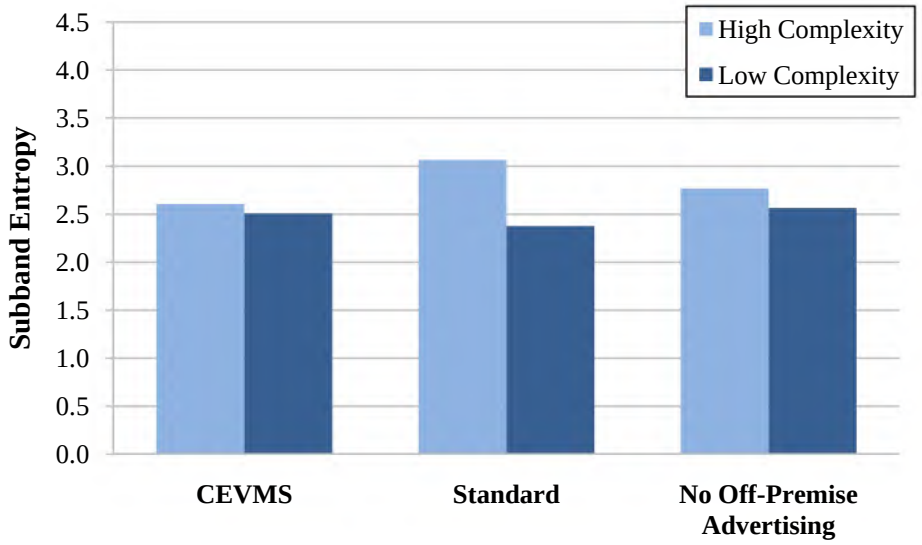


Figure 27. Subband Entropy Measures for the Data Collection Zones.

Participants

A total of 41 participants were recruited for the study. Of these, six participants did not complete data collection because of an inability to properly calibrate with the eye-tracking system and eight were excluded because of equipment failures. A total of 27 participants (16 male, M = 28 years; 11 female, M = 22 years) successfully completed the drive. All participants were under the age of 64. Fourteen people participated during the day and 13 participated at night.

Procedures

Research participants were recruited locally by means of visits to public libraries, student unions, community centers, etc. A large number of the participants were recruited from a nearby university, resulting in a lower mean participant age than in experiment 1.

Participant Testing

Two people participated each day. One person participated during the day beginning at approximately 12:45 PM. The second participated at night beginning at around 7:00 PM. Data collection ran from November 20, 2009, through April 23, 2010. There were several long gaps in the data collection schedule due to holidays and inclement weather.

Pre-Data Collection Activities. This was the same as in experiment 1.

Practice Drive. Except location, this was the same as in experiment 1.

Data Collection. The procedure was much the same as in Reading. However, the data collection drives in Richmond were longer than those in Reading. As a result, the eye-tracking system had problems dealing with these large files. To mitigate this technical difficulty, participants were asked to pull over in a safe location during the middle of each data collection drive so that new data files could be initiated.

Upon completion of the data collection, the participant was instructed to return to the designated meeting location for debriefing.

Debriefing. This was the same as in experiment 1.

B. DATA REDUCTION

Selection of Data Collection Zone Limits

Selection of data collection zone limits for Richmond was the same as in Reading. Data collection zone distances of 960 ft or less were selected. In Richmond, the average target CEVMS height was 12.9 ft and the average width was 37.7 ft. At 960 ft, a 12.9 ft by 37.7 ft sign would subtend a horizontal visual angle of 2.25 degrees and a vertical visual angle of 0.77 degrees. Thus, at 960 ft (292.8 m) the eye glances to CEVMS billboards could be resolved by the eye-tracking system and could be read by the participants. Attempts to identify glances at billboards at longer distances were not feasible with the equipment used in this study, and in any case it is unlikely that messages on the billboards could be resolved by participants from a distance greater than 960 ft.

With the exception of defining data collection zones as having low or high visual complexity, all other aspects of the data reduction were the same as that described for experiment 1.

C. RESULTS AND DISCUSSION

As with experiment 1, results are presented to address three key experimental questions: (a) do drivers look more at CEVMS than at standard billboards, (b) are there long glances to off-premise billboards, and (c) is there a tradeoff between looking at off-premise billboards and the road ahead? The results of the visual complexity factor are also presented within the context of the questions above.

All statistical analyses used an alpha level of .05. All error bars presented in the following figures show ± two standard errors about the mean (which closely approximate a 95 percent confidence interval).

Mean Percent of Time

The average percent of time was calculated by time-of-day and visual complexity for the following seven categories that were discussed earlier:

1. Road ahead.
2. Target CEVMS.
3. Target Standard Billboard.
4. Other Standard Billboard.
5. Miscellaneous.
6. Unknown.
7. Gauge cluster.

In the low visual complexity data collection zones there were more glances to target advertising relative to the high visual complexity approaches. The difference in glance behavior between CEVMS and standard billboard conditions was most evident at night in low visual complexity data collection zones.

Table 12 and table 13 present the mean percent of glance time for each of seven categories as a function of data collection zone type. In experiment 2 these variables significantly affected drivers' glance behavior. As a result, separate tables are presented to show the tradeoff in glance behavior across visual complexity and time of day.

The following sections provide the results of statistical analysis for each of the above seven dependent measures (areas of glances). The statistical model used was a 2 (time of day) x 2 (visual complexity) x 3 (data collection zone type) mixed design analysis of variance. Because the raw percentages are positively skewed (deviating) from normality, additional analyses were performed using transformed data. Data were transformed using the arcsine of the square root of the proportions. This transformation works on measures distributed between zero and one, and thus proportions rather than percentages were used. The results with and without the transformation were similar. All the reported analysis of variance statistics used the transformed data.

Table 12. Mean Percentage of Time for All Object Categories as a Function of Data Collection Zone Type for Low and High Visual Complexity Data Collection Zones During the Daytime.

DAYTIME		Road Ahead	Misc	Unknown	Gauges	Target Billboards	Non-Target Standard Billboards	*Total*
High Visual Complexity	**CEVMS**	70.3%	16.1%	1.1%	1.4%	1.0%	1.1%	*100%*
	Standard Billboards	72.7%	15.7%	15.7%	1.8%	0.5%	1.0%	*100%*
	No Off-Premise Advertising	72.7%	17.2%	7.5%	2.6%	—	—	*100%*
	Mean	***71.9%***	***16.3%***	***8.1%***	***1.9%***	***0.8%***	***1.1%***	—
Low Visual Complexity	**CEVMS**	79.2%	8.1%	7.9%	1.2%	2.9%	0.7%	*100%*
	Standard Billboards	87.6%	4.0%	5.1%	0.7%	2.2%	0.4%	*100%*
	No Off-Premise Advertising	85.6%	3.4%	9.2%	1.8%	—	—	*100%*
	Mean	***84.1%***	***5.2%***	***7.4%***	***1.2%***	***2.6%***	***0.6%***	—
Overall Mean		***78.0%***	***10.8%***	***7.8%***	***1.6%***	***1.7%***	***0.8%***	—

Table 13. Mean Percentage of Time for all Object Categories as a Function of Data Collection Zone Type for Low and High Visual Complexity Data Collection Zones During The Nighttime.

NIGHTTIME		Road Ahead	Misc	Unknown	Gauges	Target Billboards	Non-Target Standard Billboards	*Total*
High Visual Complexity	**CEVMS**	72.6%	13.4%	11.0%	1.0%	0.8%	1.2%	*100%*
	Standard Billboards	72.0%	14.0%	10.7%	1.1%	0.7%	1.4%	*100%*
	No Off-Premise Advertising	69.1%	17.5%	12.0%	1.4%	—	—	*100%*
	Mean	***71.2%***	***15.0%***	***11.2%***	***1.2%***	***0.8%***	***1.3%***	—
Low Visual Complexity	**CEVMS**	76.7%	6.2%	10.8%	1.2%	4.5%	0.6%	*100%*
	Standard Billboards	80.9%	5.0%	11.5%	1.3%	1.0%	0.3%	*100%*
	No Off-Premise Advertising	81.1%	3.5%	13.2%	2.2%	—	—	*100%*
	Mean	***79.6%***	***4.9%***	***11.8%***	***1.6%***	***2.8%***	***0.5%***	—
Overall Mean		***75.4%***	***9.9%***	***11.5%***	***1.4%***	***1.8%***	***0.9%***	—

Mean Percent of Time to Target Advertising

The interaction of time of day, advertising, and visual complexity was statistically significant: $F(1, 75) = 6.03$, $p < .05$. Figure 28 (also table 12 and table 13) illustrates the interaction among these three variables. There were no significant differences between CEVMS and standard billboards under high visual complexity during the day or nighttime. Unlike in experiment 1, the only time in which target CEVMS billboards attracted more glances than standard billboards was at night in low visual complexity environments.

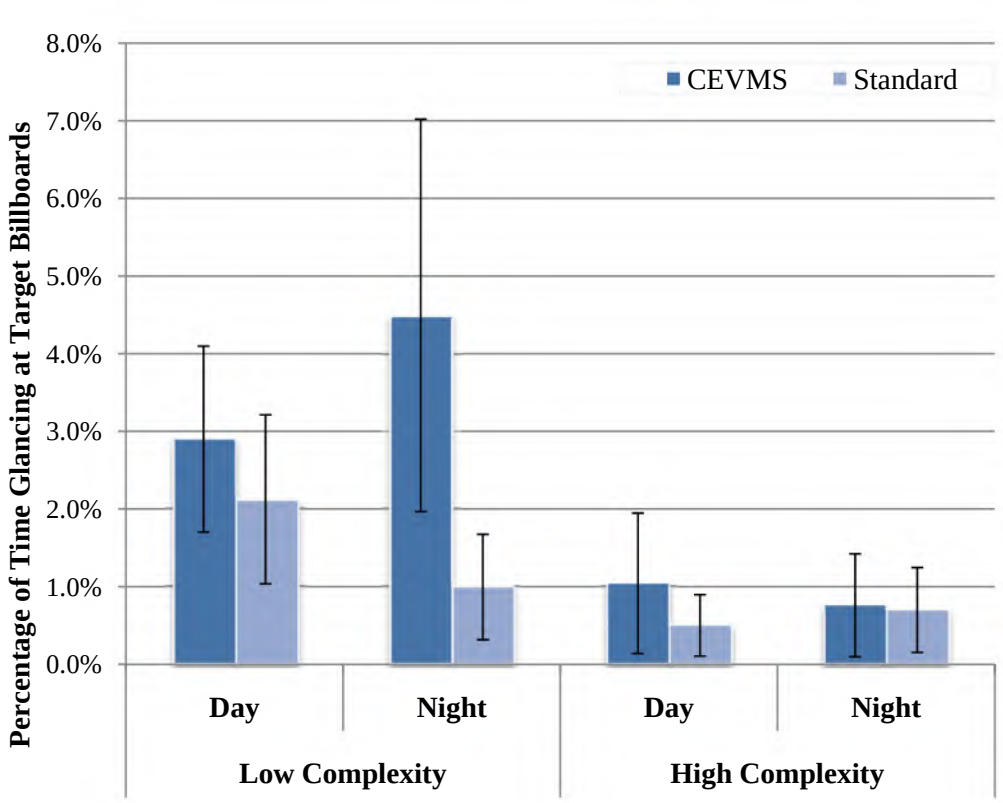


Figure 28. Percentage of Time Glancing at Target Billboards as a Function of Visual Complexity and Time of Day.

Mean Percentage of Time Looking at the Road Ahead

Time spent looking at the road ahead was significantly less in areas of high visual complexity (M = 72 percent) than in low visual complexity zones (M = 82 percent): $F(1, 125) = 65.81$, $p < .01$. The mean time spent glancing to the road ahead (averaged across CEVMS, standard, and no off-premise advertising) was 77 percent. There were no other statistically significant results for road ahead.

Mean Duration of Glances

There were no statistically significant differences between mean duration of glances to target CEVMS or standard billboards. Visual complexity of the environment also did not affect the mean duration of glances. Further, no significant interaction between billboard type and visual complexity was found. Overall, the mean glance duration to target billboards was 0.097 s.

When looking at the mean duration of glances to the road ahead, no significant differences for billboard type or visual complexity were found. Further, no significant interaction between billboard type and visual complexity was found. Overall, the mean duration of gazes at the road ahead was 0.69 sec.

Figure 29 shows the distribution of gaze durations as a function of time of day and billboard type. (Since the effect of visual complexity was not significant, this variable is omitted from the figure.) Table 14 shows the frequency of glances used to generate the distribution of glance durations. Across all data collection drives there were 901 glances at target CEVMS signs and 172 glances at target standard billboards. The shapes of the distributions for CEVMS and standard billboards are similar. The difference in the frequency of glances between the conditions is principally due to the fact that there were nine target CEVMS and only five target standard billboards. After accounting for exposure, the glance preference for CEVMS remained. There was also a trend toward more glances at billboards during the day than at night.

Table 14. Frequencies of Glances for the CEVMS and Standard Billboard Conditions as a Function of Time of Day.

V. **Billboard Type**	***Time of Day*** **Day**	**Night**
CEVMS	537 (4.26)*	364 (3.11)
Standard Billboard	112 (1.60)	60 (0.92)

*Numbers in parenthesis are the glance frequency totals divided by the number of billboards and participants in the respective conditions.

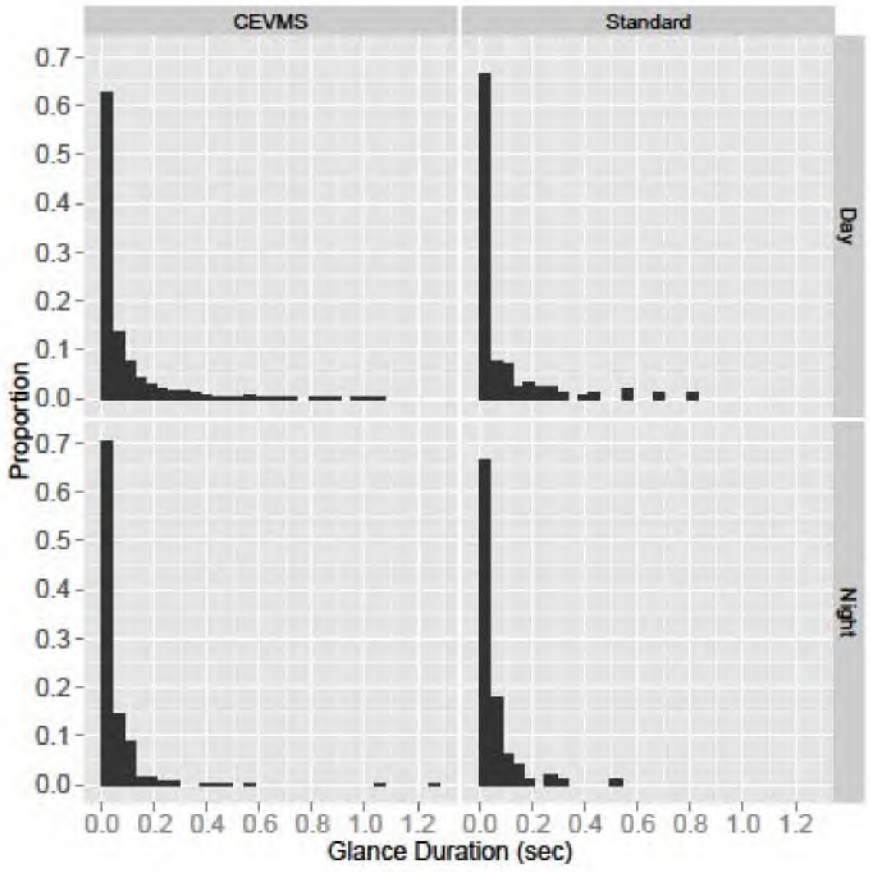


Figure 29. Proportion of Gaze Duration for CEVMS and Standard Billboards under Daytime and Nighttime Driving Conditions.

Long Duration Eye Glances

Table 15 presents a summary of the seven glances at target billboards that were equal to or greater than 1 s. All long glances were to CEVMS, ranging from 1 s to 1.28 s and all but one occurred at night. Glances equal to or greater than 1 s represent 0.78 percent of all glances at CEVMS.

Table 15. Summary of Long Glances at Off-premise Advertising in Richmond.

Data Collection Zone	*Time of Day*	*Advertising*	*Duration (sec)*	*Horizontal Offset (ft)*	*Distance from Sign (ft)*	*Horizontal Angle (deg)*
2	Night	CEMVS	1.12	82	334	13.79
10	Night	CEMVS	1.28	128	317	22.02
13	Day	CEMVS	1.00	119	554	12.12
16	Night	CEMVS	1.04	42	375	6.40
17	Night	CEMVS	1.00	56	141	21.68
17	Night	CEVMS	1.24	56	298	10.64
17	Night	CEMVS	1.04	56	142	21.58

Figure 30 shows the CEVMS (horizontally offset 56 ft from the roadway) in data collection zone 17, a relatively uncluttered environment (in the image, the CEVMS is highlighted with at red rectangle and is on the right side of the road). This billboard had three long glances (all at night), beginning at 141, 142, and 298 ft away. The visual angle subtended by the sign at these distances and offset was close to the area classified as road ahead. There is a traffic signal in close proximity to this billboard, but examination of individual records showed that no driver was stopped at this signal on any of the data collection drives.

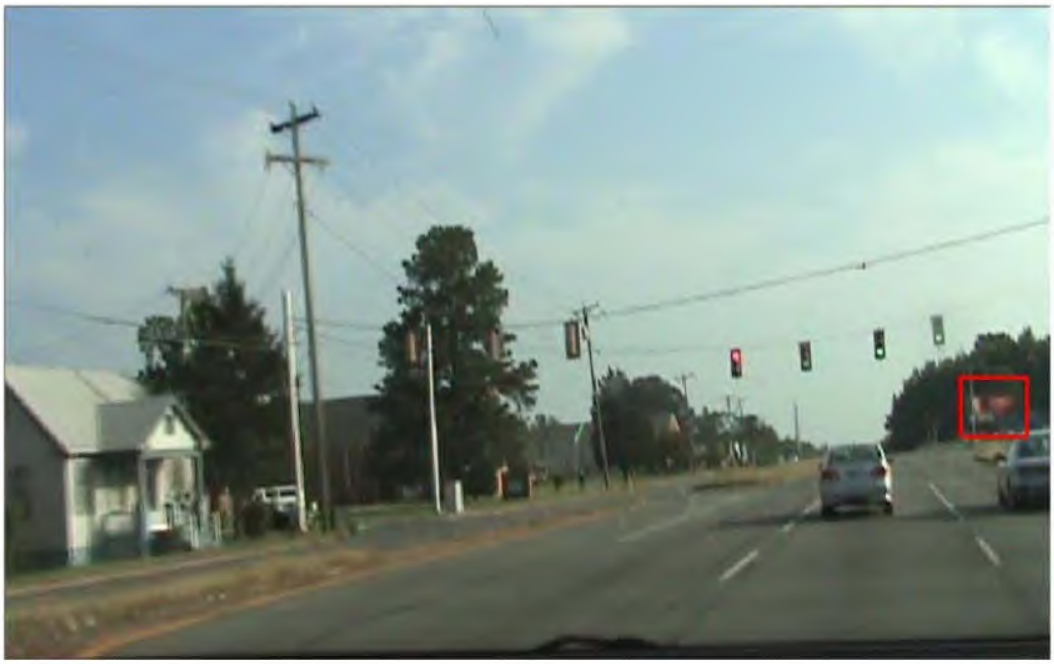


Figure 30. Data Collection Zone 17 in Richmond.

Mean Percentage of Time Spent Glancing at Other Non-Target Standard Billboards

The analysis for percentage of time spent glancing at other standard billboards did not yield any significant differences. The overall average percentage of time for glances at non-target, off-premise, standard billboards was 0.84 percent.

Mean Percentage of Time Spent Glancing at Miscellaneous

Overall, there were more glances at miscellaneous objects in high visual complexity zones (M = 16 percent) than in low complexity zones (M = 5 percent): $F(1, 125) = 161.05$, $p < .01$. A significant interaction between visual complexity and advertising was found, $F(2, 125) = 6.55$, $p < .01$. As can be seen in figure 31, the interaction is the result of a large difference in the percentage of glances (at miscellaneous objects) between high and low complexity areas in the no advertising zones.

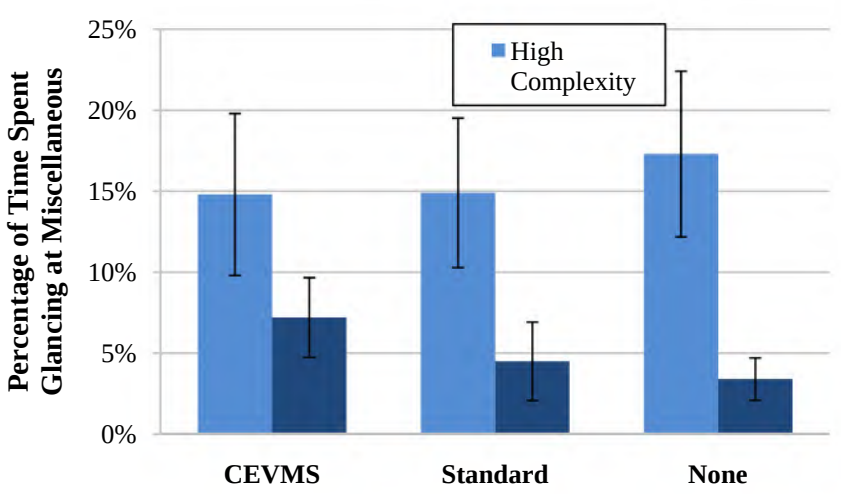


Figure 31. Percentage of Time Spent Glancing at Miscellaneous as a Function of Data Collection Zone Type and Visual Complexity.

Mean Percentage of Time Spent Glancing at Unknown Objects

There were no significant differences for percentage of time spent glancing at unknown areas. Overall, the mean percentage of time spent glancing at unknown areas was 9.7 percent.

Mean Percentage of Time Spent Glancing at the Gauge Cluster

The type of advertising zone (i.e., CEVMS, standard billboard, no off-premises advertising) significantly affected the percentage of time participants spent looking at the gauge cluster: $F(2, 125) = 4.15$, $p < .05$. Figure 32 shows the main effect for this variable. Participants spent significantly more time looking at the gauge cluster in zones with no off-premises advertising, than in zones with target billboards (i.e., CEVMS, standard billboards).

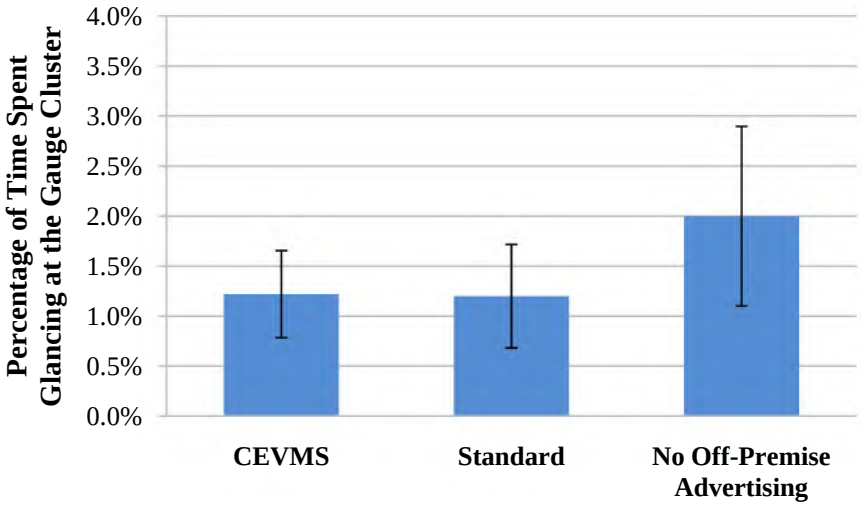


Figure 32. Percentage of Time Spent Glancing at the Gauge Cluster as a Function of Data Collection Zone Type.

Mean Rate of Glances

Overall, the mean rate of glances per second to CEVMS was 0.448. This was significantly greater than the mean rate of 0.277 glances per second to standard billboards: $F(1, 54) = 21.63$, $p < .01$. These rates are similar to those observed in experiment 1 (.42 and .20, respectively).

The mean rate of glances per second to target advertising in high visual complexity zones was 0.319, which was significantly less than the mean rate of 0.554 glances per second in low visual complexity zones: $F(1, 54) = 7.85$, $p < .01$. This finding suggests that drivers looked more frequently at the target advertising (regardless of CEVMS or standard billboards) when there were fewer information sources in and along the roadway environment (i.e., less visual complexity).

Relationship Between Photometric Measures and Glance Behavior

Analyses were conducted to determine if there was a relationship between photometric measures (luminance and sign contrast) and glance behavior. Correlational analyses compared glance duration to both luminance and Weber contrast measures for the individual signs. Separate correlational analyses were conducted for CEVMS and standard billboards during daytime and nighttime conditions. None of the correlations between glance duration and the photometric measures are statistically significant ($p > .05$). Exact correlational values follow:

CEVMS Correlations. In the daytime, the correlation between glance duration and luminance was $r = -.040$. At night the correlation was $r = 0.067$. The correlation between glance duration and contrast are $r = 0.020$ during the day and $r = 0.044$ at night. None of these correlations were significant ($p < .05$).

Standard Billboard Correlations. The correlations between glance duration and the luminance of standard billboards were $r = -0.015$ during the day and $r = -0.113$ at night. The correlation between glance duration and contrast of standard billboards with their background were $r = -0.061$ during the day and $r = -0.115$ at night. None of these correlations were significant ($p < .05$).

Observation of Driver Behavior

No near misses or driver errors were detected by the observers in the vehicle, or in later reviews of the recorded video.

Discussion

A second road experiment was conducted to examine the following three experimental questions regarding CEVMS and visual attention.

- Do drivers look at CEVMS more than at standard billboards?
- Are there long glances at CEVMS that would be indicative of a decrease in safety?
- Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?

This experiment also included visual complexity as a factor since higher visual complexity had an impact on the results from the first experiment. In this experiment, the data collection zones were classified with respect to the visual complexity, or evident clutter, in the overall driving scene as defined by buildings, shopping areas, and other built environments [16,17]. In addition, subband entropy was calculated for representative images from the routes.[17] This measure correlated well with the categorization of the data collection zones.

In response to the first question, the results from this study showed that drivers glanced more at off-premises advertising (CEVMS and standard billboards) under low levels of visual complexity than under high levels of visual complexity. During the daytime, the percentage of time spent looking at CEVMS and standard billboards was about equal (with a higher percentage of time in low visual complexity areas). At night, however, the percent of time spent glancing at CEVMS was greater than that spent glancing at standard billboards under low levels of visual complexity. In fact, it was this difference in the nighttime and low visual complexity condition that appeared to be principally responsible for the observed greater visual attention paid to CEVMS than to standard billboards.

Regarding the second question, average durations of glances did not vary between CEVMS and standard billboard areas. On average, the gaze duration was about 0.097 s for both CEVMS and standard billboards. There were seven glances at CEVMS that were 1 s or greater in duration, and the longest glance was 1.28 s in duration. There were no glances of 1 sec or longer at standard billboards. Glances at advertising that were equal to or greater than 1 s in duration were rare in the study, and occurred at distances between 554 and 141 feet, at horizontal angles of 22 degrees or less, and when the surrounding environment had low visual complexity.

Overall, the rate of glances toward CEVMS (4.48 glances per 10 s) was higher than for standard billboards (2.77 glances per 10 s). The rate of glances at advertising (CEVMS and standard billboards) was higher under low visual complexity (5.54 gazes per 10 s) than under high levels of visual complexity (3.19 glances per 10 s). The drivers tended to direct more glances at off-premises advertising when the complexity of the visual environment was low, and in general directed more glances at CEVMS than at standard billboards.

In terms of the tradeoff in looking at the road ahead, visual complexity had an effect on the percentage of time that drivers devoted to the road ahead. Under high levels of visual complexity, drivers devoted an average 72 percent of the time to the road ahead, whereas they devoted an average 82 percent of the time to the road ahead in low visual complexity zones. In high visual complexity zones drivers glanced at non-billboard items on the side of the road more frequently than in low visual complexity zones. Drivers devoted approximately the same amount of time to looking at the road ahead in CEVMS, standard billboard, and no advertising zones. As in experiment 1, the drivers did look at the advertising; however, this did not appear to be at the expense of looking at the road ahead.

The nighttime luminance of the CEVMS ranged between 26 and 79 cd/m^2. Furthermore, the CEVMS in the high visual complexity areas had lower mean luminance than those in the low visual complexity areas. The combination of less visual clutter and higher luminance at night generally leads to greater conspicuity. It is likely that this led to the resulting higher percentage of time spent glancing at CEVMS than at standard billboards. Under high levels of visual complexity at night, the percentage of time spent glancing at CEVMS and standard billboards was equally low (0.8 percent and 0.7 percent, respectively). This result suggests that, at

luminance levels observed in Richmond, the overall background in which the billboards appear affects glance probability. In other words, the visual complexity of the sign's surroundings (and not just the sign itself) influences drivers' gaze behavior.

In summary, the results of experiment 2 showed that drivers looked more at CEVMS than at standard billboards, but only at night under low levels of visual clutter. However, this did not appear to be at the expense of looking at the road ahead, where the average time spent looking was 77 percent across all conditions (with and without off-premise advertising). Rather, glance behavior was affected by the visual complexity of the scene, such that under high levels of visual complexity, percentage of time spent looking at the road ahead decreased and percentage of time spent looking at miscellaneous objects increased. The average duration of glances at CEVMS and standard billboards was about .097 s, which was up considerably from experiment 1 where the average was .07 s. However, both durations are well below the more than 2 s duration of eyes off the forward roadway at which Klauer et al. observed near-crash/crash risks more than two times those of normal, baseline driving.[12,20] When looking at the tails of the distributions of durations, there were very few glances that were equal to or greater than 1.0 s, with the longest glance being equal to 1.28 s. [20,21]

V. GENERAL DISCUSSION

This study was conducted to investigate the effect of CEVMS on driver visual behavior in a roadway driving environment. An instrumented vehicle with an eye tracking system was used. Roads containing CEVMS, standards billboards, but that did not contain off-premise advertising were selected. The CEVMS and standard billboards were measured with respect to luminance, location, size, and other relevant variables to characterize these visual stimuli. Unlike previous studies on digital billboards, the present study examined CEVMS as deployed in two US cities that did not contain dynamic video or other dynamic elements. These billboards changed content approximately every 8 to 10 seconds (s), consistent within the limits provided by FHWA guidance.[1] In addition, the eye tracking system used had nearly a 2-degree level of resolution that provided significantly more accuracy in determining what objects the drivers were looking at as compared to previous field studies examining CEVMS. Two experiments were conducted that were conducted in two separate cities where the same methodology was used but taking into account differences with respect to such variables as the roadway visual environment. The results and conclusions from this study are presented in response to the three main research questions listed below.

1. Do drivers look at CEVMS more than at standard billboards?
2. Are there long glances to CEVMS that would be indicative of a decrease in safety?
3. Do drivers look at CEVMS and standard billboards at the expense of looking at the road ahead?

In general, drivers devoted more glances at CEVMS than at standard billboards; however, there were no significant decreases in the proportion of time spent looking at the road ahead (i.e., eyes on the road) that could be directly attributed the CEVMS at the measured luminance and contrast levels. In experiment 1, the proportion of time spent looking at CEVMS was greater than for standard billboards (2.8 versus 1.6 percent). In a visually complex data collection zone with CEVMS, the proportion of time spent looking at CEVMS was 3.8 percent; however, this data collection zone had two CEVMS, which would represent an average of 1.9 percent per CEVMS. In experiment 2, drivers looked more at CEVMS than standard billboard at night under low levels of visual complexity (4.5 versus 1 percent). There were no significant differences between CEVMS and standard billboards under any of the other tested conditions. Regardless of experiment or type of billboard, the mean percentage of time drivers spent looking at target billboards was less than 5 percent.

Glances away from the forward roadway of greater than 2 s or 1.6 s duration have been proposed as indicators of increased risk of crashes. [12,20,21] In the current experiments there were no long glances at billboards meeting or exceeding 1.6 s. The longest glance at a target billboard was less than 1.3 s in both studies. Glances with a duration of 1 s or greater were rare: there were 5 in Reading (0.47 percent of the glances to CEVMS) and 7 in Richmond (0.78 percent of the glances to CEVMS). All of the glances greater than 1 s were to CEVMS.

Looking at the number of glances at advertising (per sign), the results from both experiments show substantially more glances at CEVMS than at standard billboards both during day and night conditions. As shown in table 16, drivers do dedicate more glances at CEVMS than to standard billboards; however, long glances considered as having the potential to increase risk were not observed.

Table 16. Number of Glances per Sign to CEVMS and Standard Billboards in Day and Night Conditions for Both Experiments.

	Day		Night	
	CEVMS	**Standard**	**CEVMS**	**Standard**
Experiment 1	3.57	1.82	2.62	1.37
Experiment 2	4.26	1.60	3.11	0.92

Drivers in experiment 1 devoted between 76 and 87 percent of their time looking at the road ahead. The highest percent was in the natural environment condition, where there were principally trees to the side of the road. The CEVMS complex data collection zone showed the lowest percentage of glances at the road ahead. This data collection zone had 2 CEVMS, 10 non-target standard billboards, and businesses and other on-premises advertising. Drivers in the CEVMS and standard billboard data collection zones devoted about the same percentage of time to looking at the road ahead (83 percent for CEVMS and 84 percent for standard billboards). The percentage of time devoted to looking at the road ahead measured in this experiment is comparable, but slightly higher, than those measured in other studies. Lee et al. observed 76 percent of driver time spent looking at the road ahead for the CEVMS scenario and 75 percent for the standard billboards scenario.

Drivers in experiment 2 devoted between 69 and 88 percent of their time to looking at the road ahead. The highest percentage of time spent looking at the road ahead was in the low clutter standard billboard data collection zones during the daytime. The lowest percentage of time spent looking at the road ahead was for data collection zones without off-premises advertising but with high visual clutter during nighttime conditions. In experiment 2 the percentage of time spent looking at the road ahead was affected by the level of visual clutter present in the data collection zones regardless of the presence or absence of CEVMS or standard billboards (82 percent for low clutter and 72 percent for high clutter zones).

Visual complexity, or visual clutter, has been shown in past research to have an effect on visual search performance.[17] Drivers may have difficulty with visual search (for example, searching for street signs) in environments that are highly cluttered.[16] In the experiments reported here, areas with high levels of clutter tended to be on arterials with businesses on the sides of the road. Increased glances away from the forward roadway in a high clutter environment also relates to the potential for safety risks (e.g., vehicle coming out of a business) and thus more glances the side of the road and away from the road ahead cannot be wholly attributed to distraction; however, it does appear to contribute to a decrease in the time drivers devote looking at the road ahead.

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June 30, 2025

Stephanie DeHerrera
Rand Paster Nelson
633 W. Fifth Street, Suite 5880
Los Angeles, California 90071
Email: stephanie@rpnllp.com

RE: Updated Project Description for the 9176 Sunset Boulevard Project – Sunset Jewel Box

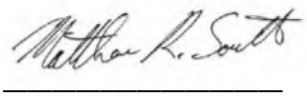
To Stephanie:

South Environmental prepared the *Assessment of Lighting Effects on Biological Resources for the 9176 Sunset Boulevard Project* dated August 25, 2023 (Attachment A) and found that the proposed 9176 Sunset Boulevard Project would have no significant impact to biological resources in the region. The findings were based on the conclusion that lighting from the proposed billboard as designed would be disruptive to biological resources up to 385-feet away and no biological resources occur within that distance as that area is entirely urbanized. Therefore, the project would avoid impacting the nearest biological resources that occur 1,700 feet away from the lighting source.

Following the completion of the biological assessment the project description was slightly changed to include a reduction in illumination from the proposed billboard. This adjustment was in response to comments on a Draft Environmental Impact Report for this project to further minimize potential impacts from the billboards lighting. Specifically, the digital sign area was reduced to 2,807 square feet with illumination spanning only the northwestern and northeastern corners of the building where illumination was most concentrated in the previous design. Therefore, we find no significant impact to biological resources for the updated project. The findings remain consistent with those previously submitted as site conditions have not changed and the illumination produced by the project would be less intense, thereby reducing any potential effects to biological resources.

Please email me msouth@southenvironmental.com or call me at (303) 818-3632 if you have any questions or would like me to revise costs based on different assumptions.

Respectfully Submitted,



Matthew South

Principal Biologist

Attachments

Attachment A: *Assessment of Lighting Effects on Biological Resources for the 9176 Sunset Boulevard Project – Sunset Jewel Box*

Attachment A: Assessment of Lighting Effects on Biological Resources for the 9176 Sunset Boulevard Project – Sunset Jewel Box

August 25, 2023

Stephanie DeHerrera
Rand Paster Nelson
Email: stephanie@rpnllp.com

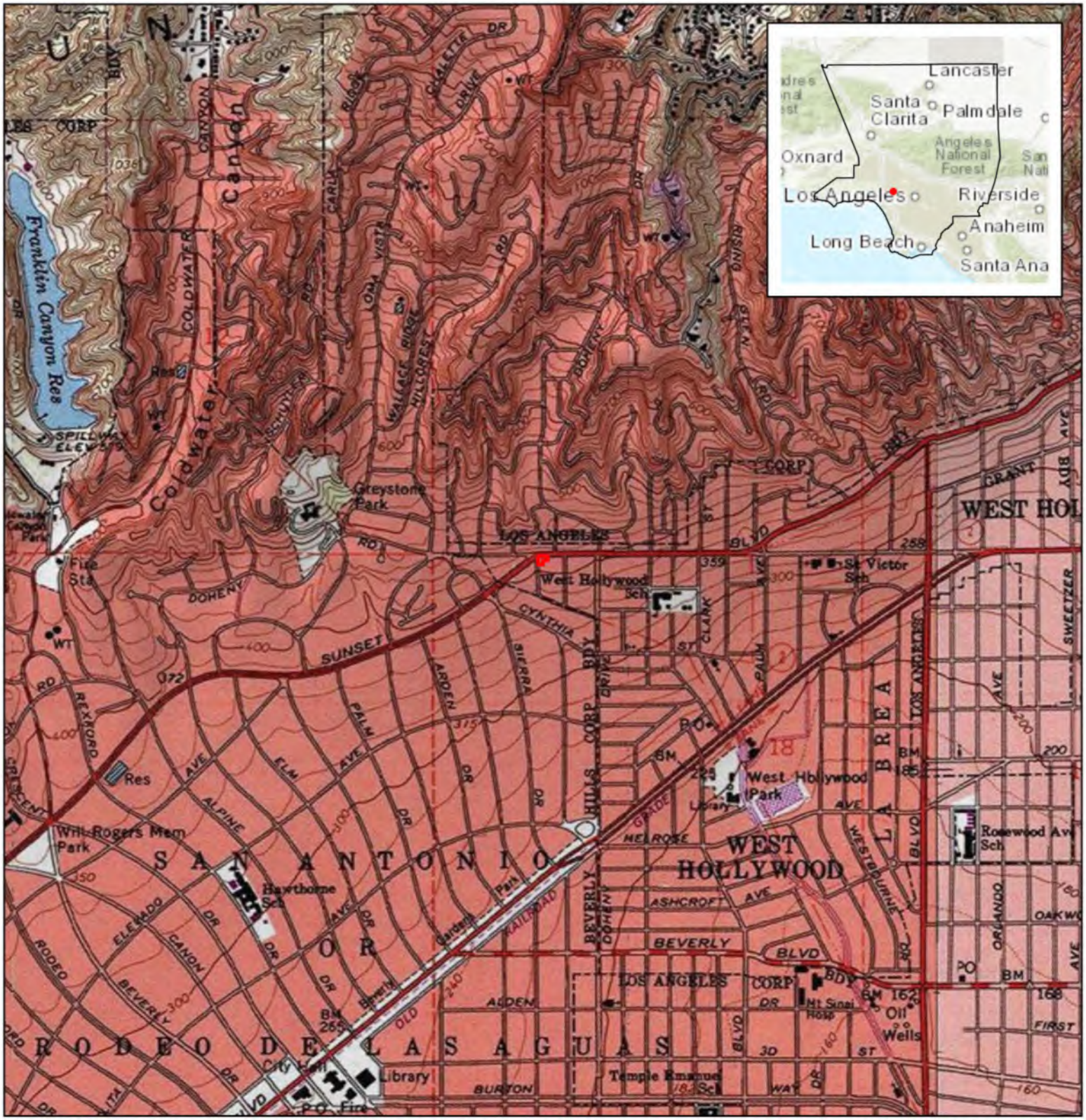
RE: Assessment of Lighting Effects on Biological Resources for the 9176 Sunset Boulevard Project – Sunset Jewel Box

To Stephanie:

This report includes findings of a biological resources impacts analysis conducted by South Environmental for the 9176 Sunset Blvd Project. The proposed project includes an LED billboard encompassing portions of the west, north, and east sides of the building at 9176 Sunset Boulevard in the City of West Hollywood, California. This report takes into consideration the environmental setting around the proposed project, a lighting study provided for the project, and a review of the literature around the effects of lighting on various biological resources.

Location and Setting

As shown in Figures 1 and 2, the project site is in a densely urbanized area of Sunset Boulevard in West Hollywood, Los Angeles. The project site is located on Sunset Blvd within the City of West Hollywood, California, in Los Angeles County. The project site is within the Beverly Hills 7.5-minute USGS topographic quad and within Section 7 of Township 01 South and Range 14 West. The project site is surrounded by dense urban development including roads, housing, and businesses in every direction. This area is artificially lit with nighttime lighting along Sunset Boulevard and the existing ambient lighting is considered very high. The nearest protected area is Greystone Mansion and Gardens that occurs 2000-feet to the east but would not provide habitat for special-status species as it is not native open space. The nearest native habitats to the project site are within Franklin Canyon Open Space that is located over 1-mile to the northwest of the project site at Franklin Canyon Reservoir.



Source: ESRI USA Topo Maps and World Topo Map 2023

9176 Sunset Boulevard Project

Figure 1. Project Location

Project Site



0 1,000 2,000 Feet

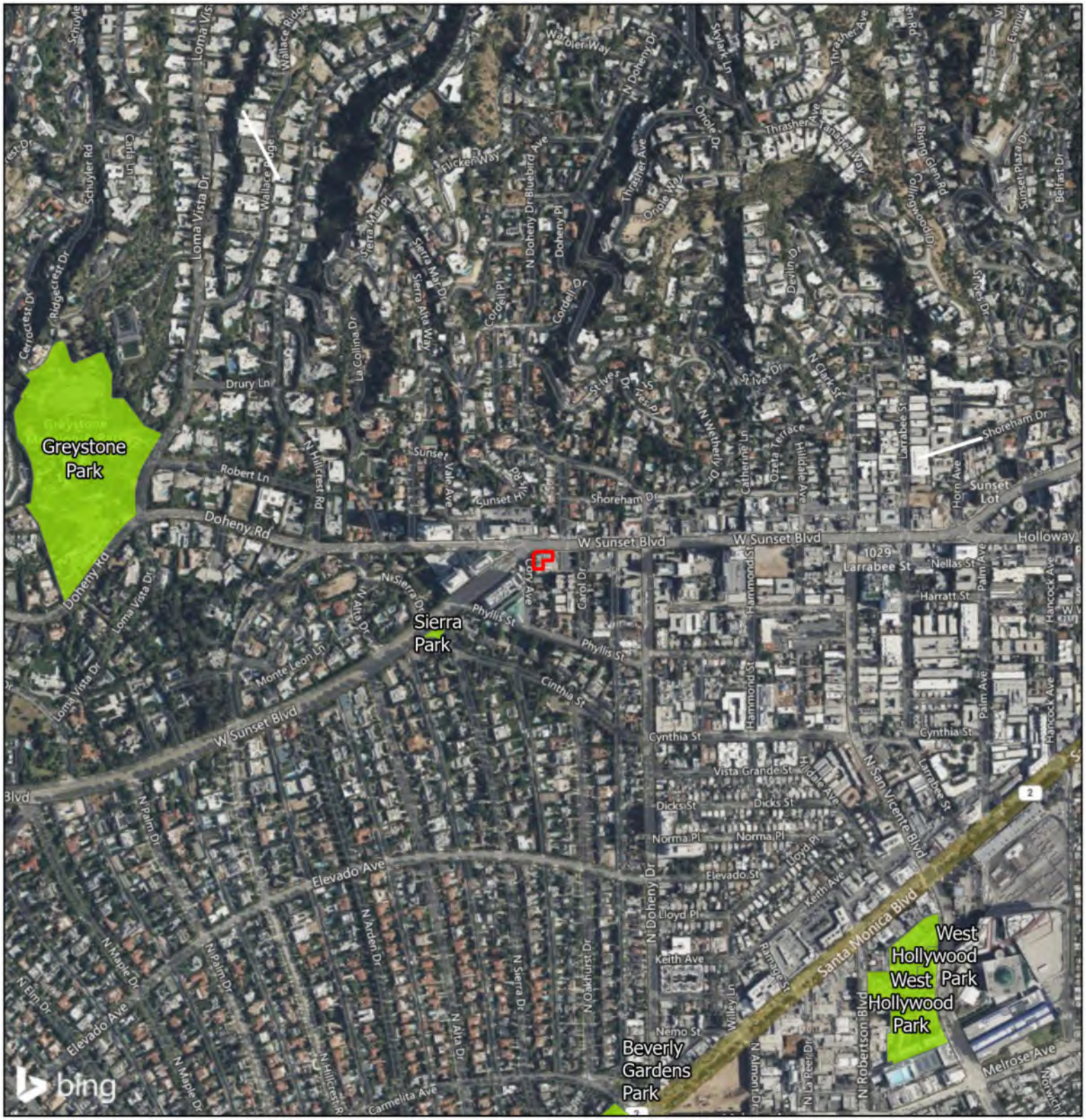
Scale: 1:24,000

N

Project Site is within the City of West Hollywood, California, in Los Angeles County on the USGS Beverly Hills 7.5-minute quadrangle maps in Section 07 of Township 01 Southand Range 14 West

Center Coordinate (Decimal Degrees):
Latitude: 34.0903783N Longitude: -118.3919411W

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Source: BING Aerial Imagery 2023

9176 Sunset Boulevard Project

Figure 2. Project Vicinity

0 500 1,000 Feet

N

Scale: 1:10,000

Project Site

California Protected Areas Database

SOUTH ENVIRONMENTAL

Proposed Development

The proposed development consists of a new commercial development on approximately 18,608 square feet of property at 9176 Sunset Blvd. in West Hollywood, Los Angeles. The project includes illuminated digital signs on the external features of the west and north walls. These digital signs will not exceed 6000 candelas/m^2 during the day until 20 minutes prior to sunset and will not exceed 300 candelas/m^2 at night from sunset until 20 minutes prior to sunrise. The digital signs will not cast light above 90 feet from the ground.

Methodology

This report includes an assessment of the proposed billboard lighting effects on biological resources such as wildlife and plants, including protected and sensitive species that are protected by the state and local regulations. This assessment is based on information compiled through a review of appropriate reference materials such as a lighting study prepared for the project and literature regarding the sensitivity and/or rarity of biological resources of the region.

Literature Review

The assessment of the parcel began with a review of literature relating to the biological resources that are known to occur near the project area that included the following resources:

The California Department of Fish and Wildlife (CDFW) California Natural Diversity Database was reviewed to identify special-status plants, animals, and natural communities that have previously recorded in the United States Geologic Service (USGS) Beverly Hills 7.5" quadrangle that the project site is located within, and the eight surrounding USGS 7.5" quads: Burbank, Inglewood, Hollywood, Canoga Park, Van Nuys, Topanga, Venice (CDFW 2023).

- United States Fish and Wildlife Service (USFWS) Environmental Conservation Online System (ECOS) Information for Planning and Consultation (IPaC) (USFWS 2023a)
- USFWS Designated and Proposed Critical Habitat GIS data (USFWS 2023b)
- California Native Plant Society (CNPS) online Inventory of Rare and Endangered Plants of California (CNPS 2023).
- National Hydrography Dataset (USGS 2023)
- National Wetlands Inventory (USFWS 2023c)
- California Protected Areas Database (CPAD 2023)
- Santa Monica Mountains Comprehensive Plan (SMMCP 2023)

Light impacts from the project was determined using the digital lighting study conducted by Francis Krahe & Associates for the project that is in Attachment A. Generally, the lighting study describes light intensity at various distances from the project, as well as pre-existing lighting conditions in the area. In combination with biological literature on the impacts of artificial lighting on different species, this information is used to assess the potential for biological resources to be impacted by the proposed project.

Equation 1, shown below (Lighting Study section 6.2.a), was used to determine illuminance at various distances from the proposed billboard.

$$E_V = \frac{L * S}{10.76 * D^2}$$

Where E_V is the luminance cast (fc), L is the luminance of the project (cd/m^2), S is the surface area the light is cast on (ft^2), and D is the distance from the project (ft). This analysis defines surface area as 1290 ft^2, to match the maximum illuminance measured in the lighting study. As a result, all analysis in this report is based on the maximum illuminance possible at any distance from the project, without regard to buildings that may block light or the viewing angle of the sign. The luminance from the project is taken to be 300 cd/m^2 as any biological impacts are likely to occur at night, when the sun's light does not overtake the output of the digital signage.

Biological Setting

The project site and surrounding areas are highly urbanized and there are no native habitats that occur within 1-mile of the project site. The nearest habitat would be in Franklin Canyon Park located 1-mile to the northwest. Wildlife typically found in urban areas would be expected to use the project site and surrounding area but no plants or animals that are rare, threatened, or protected special-status species would occur on the project site or surrounding areas because they require native habitats. Special-status species do not occur in urban areas and urban development is not considered habitat for wildlife or plants and is the result of removing or eliminating habitats and native plants and animals.

There are no natural water features on or near the site and any potential features would be found in culverted areas underground or under roads and would not be visible or impacted by the proposed development. The nearest water feature is Franklin Canyon Reservoir located 1-mile to the northwest of the project.

Project site and vicinity is not within a habitat linkage or wildlife movement corridor. Urban areas are devoid of habitat and no habitat occurs within 1-mile of the site. Dense urban development is not an area that links habitats for wildlife, it is avoided by wildlife and roads and other



development are deterrents for wildlife except for those that are highly adapted to thrive in developed areas (i.e. raccoons, coyotes, pigeons). The Santa Monica Mountains to the north of the project site is a movement corridor but the project site is separated from these areas by over 1,700 feet of dense development. No habitat linkages or wildlife movement corridors occur on or near the project site. The ambient lighting and urbanization ensure that wildlife avoids the area currently. According to the Santa Monica Mountains Habitat Linkage Map the project site is 1,700-feet southwest of the nearest undeveloped hillside area in the Santa Monica Mountains, which marks the southern boundary of the mapped linkage areas. The project site has no direct connection to that area and only dense developments occur between that area and the project site.

Lighting Impacts Assessment

The effects of night lighting on wildlife is well known and include the following potential impacts:

- Lighting can deter birds or alter behaviors of birds such as mating song timing and nest creation. Bird reproduction is signaled by lighting and artificial lighting can affect both foraging behavior and reproduction timing.
- Birds and insects can be attracted to lights and alter flight leading to death or injury.
- Lighting can deter wildlife from movement areas when lighting illuminates the area and wildlife such as mountain lion is unable to conceal itself.
- Trees can be impacted by raised light levels by either inducing photosynthesis or impacting the photoperiod.

The Exhibit below shows the illuminance vs. distance of the proposed billboard, which indicates how illuminated areas would be at different distances from the billboard source. The potential for illumination to impact plants and animals is calculated as described in the next section and the thresholds for impacts to these is also shown in the graph in Exhibit 1. These potential impacts from lighting are discussed below and the potential for these to occur from the project are discussed and assessed in detail.

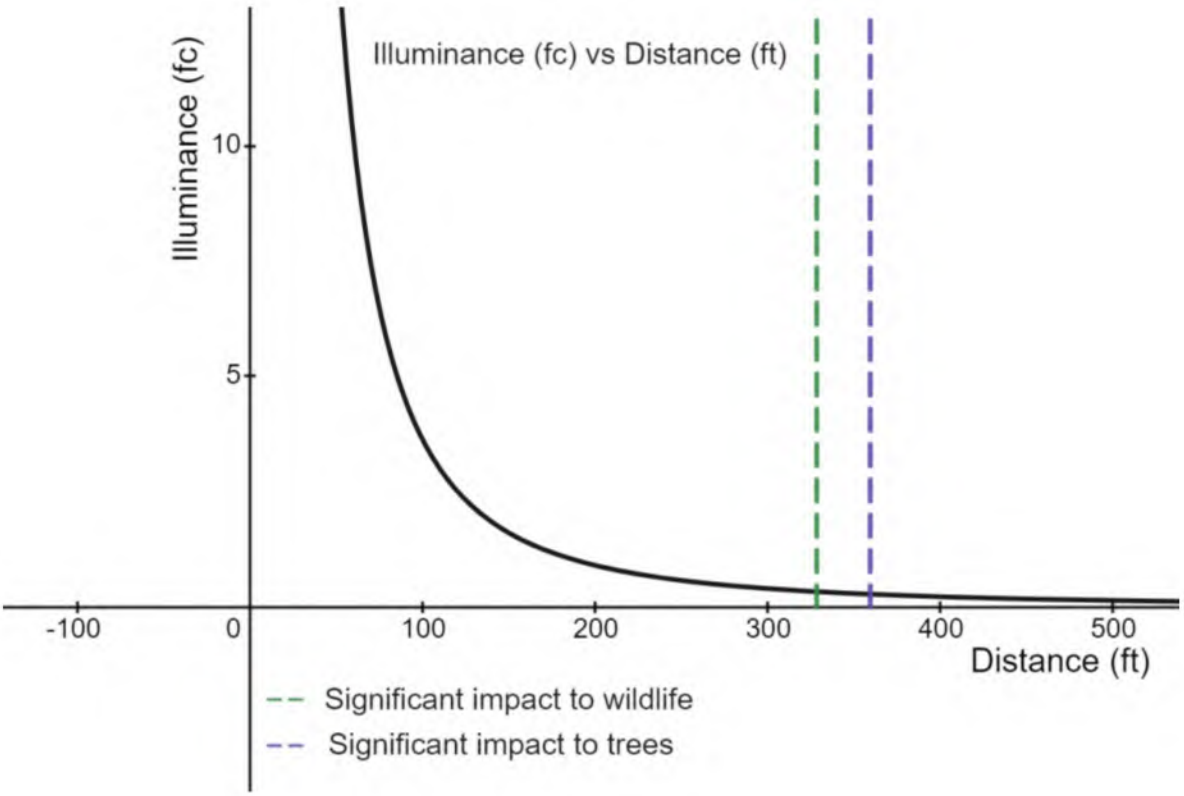


Exhibit 1. A graph of Eq.1, showing the illuminance created by the project at varying distances. The calculated illuminance has a significant impact on wildlife up to 328 feet from the project, and a significant impact on trees up to 359 feet from the project.

Impacts to Wildlife

To assess the potential impacts to wildlife from night lighting we use bats as the model species for threshold of significance. There are 12 bats that are classified as special status species in California, and they are particularly sensitive to Artificial Light at Night (ALAN) because their foraging activities are carried out at night and they roost and breed in dark areas, which could be disturbed by even small amounts of light. Bats in this respect, would be considered one of the most sensitive species to night lighting due to the nocturnal habitats and potential impacts from lighting on this group would be sufficient to understand impacts to other wildlife that are equal or less susceptible to lighting impacts.

Impacts on various bat species from ALAN have been studied extensively. A study conducted on the impact of LED lights on foraging activities found that amount of foraging activity decreased significantly at light intensities of 3.6 lux, or .334 footcandles.[1] This study concluded that bats are

[1] Stone, E.L., Jones, G. and Harris, S. (2012), Conserving energy at a cost to biodiversity? Impacts of LED lighting on bats. *Global Change Biology*, **18**.

less likely to travel through areas with greater light intensity than that, though even very low intensities discourage bat activity. The project has a limited impact area, which does not contain any native habitat. Utilizing Eq.1 above, the .334 footcandle threshold to significantly impact bat activity would occur within the area approximately 328 from the project billboard, as represented in Figure 3 below. Bats within this area would be deterred from foraging or roosting activities. However, this area does not contain suitable habitat for bats, or any other special status species. Additionally, the closest water source that could be utilized by roosting bats is approximately 1.2 miles away from the project site. Further, measurements of current light levels within the impact area are currently above the illuminance necessary to alter bat behavior. Due to the lack of native habitat and high levels of pre-existing light, it is unlikely that bats utilize the project impact area for foraging or roosting activities. Therefore, the lighting proposed by the project would have no impact on bats.

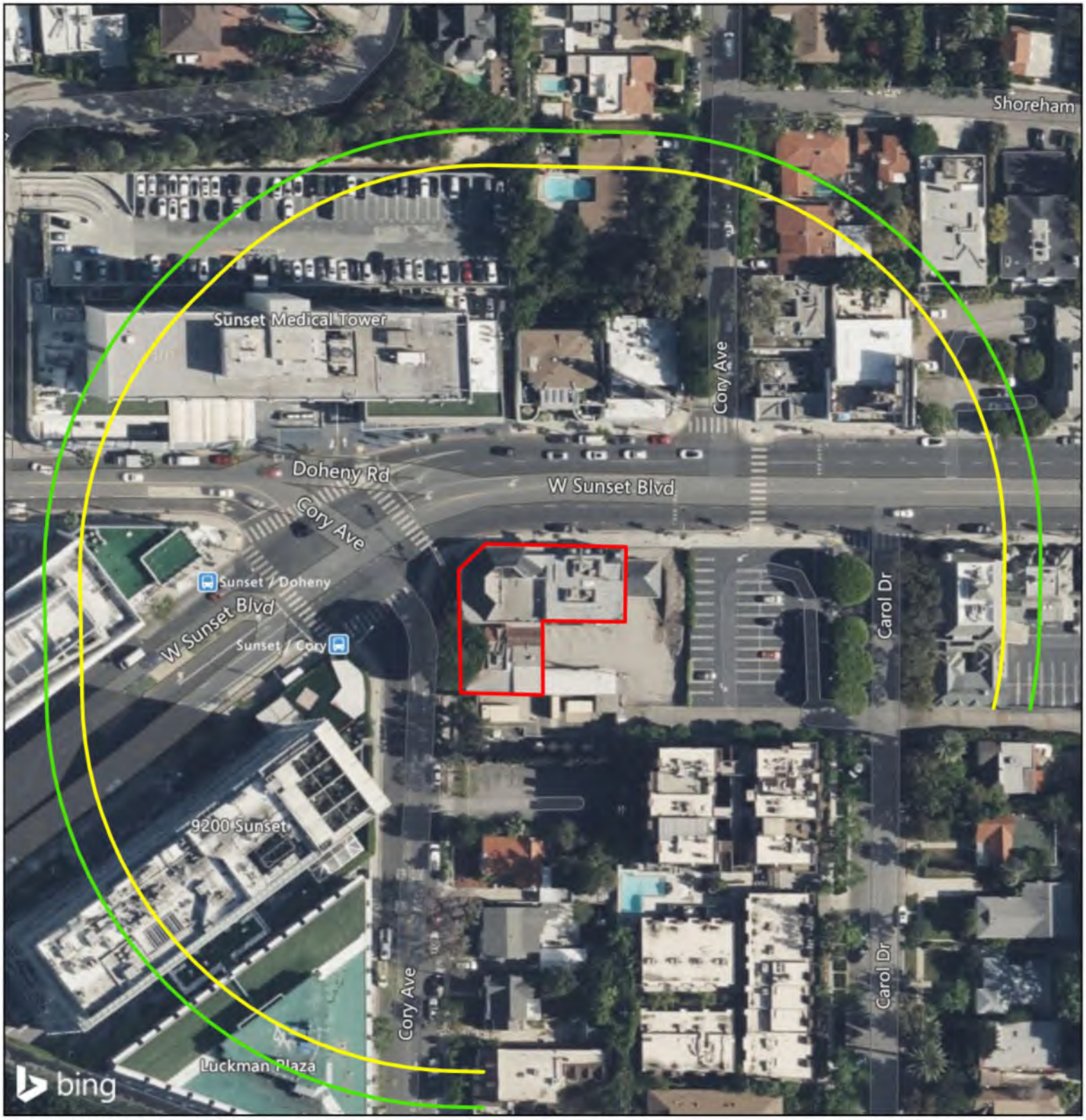
Because bats are exceptionally light intolerant, the potential for impacts to birds or other species such as mammals would likely be less than that of bats. The nearest habitat with substantial areas that would support special-status wildlife is 1.2-miles away from the light source. The nearest SMM habitat block is over 1,700-feet away from the nearest light source and is a small habitat fragment not likely capable of supporting a population of special-status species. Because the potential lighting impacts would be within areas 359-feet from the proposed billboard no impacts would occur to wildlife because wildlife would occur at greater distances from the site in the areas where habitat occurs.

Common urban species may be deterred by the lighting, but these species are highly adaptable to night lighting and if present at the site are already accustomed to these conditions. Also, common urban wildlife has numerous urban areas to use outside of the proposed billboard effects and the "loss" of urban habitat is not significant. Native habitats are those that support native species and are provided protection by state and local regulation. No native habitat or wildlife would be impacted by the billboard lighting because it would be located too far away from the light source.

Impacts to Wildlife Movement Corridors and Habitat Linkages

The nearest habitat block in the SMM is located 1,700-feet away from the proposed project. Because the illumination effects on wildlife would only travel 385-feet from the billboard this would not have an impact or deterrent effect on the movement corridor or habitat block because it is too far away from the source. The footcandles of illumination at 1,700 feet from the project where the nearest habitat block occurs would be 0.012 footcandles, a negligible amount.

SE



Source: BING Aerial Imagery 2023

9176 Sunset Boulevard Project

Figure 3. Light Impacts Map

0 70 140 Feet

N

Scale: 1:1,400

- Threshold for Significant Impact to Animals (328-ft)
- Threshold for Significant Impact to Plants
- Project Site

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Impacts to Plants

Trees and other plants can be impacted by raised light levels by either inducing photosynthesis or impacting the photoperiod. Photosynthesis requires a higher incident illuminance and is not applicable to this project because the source of light is not powerful enough. However, changes to a tree's photoperiod, which determines dormancy, shoot growth, and flowering, can occur at LED light levels as low as .279 footcandles. Therefore, according to Eq.1 trees such as southern California black walnut could be impacted by the project up to 359 feet away due to changes in photoperiod, as represented in Figure 3 and in Exhibit 1 above.

However, the areas surrounding the project site already exceed the illuminance necessary to alter a tree's photoperiod. The addition of the project's planned illuminance would not significantly change the lifecycle of any nearby trees because the changes would have already occurred within 359 feet of the proposed light source. As the area surrounding the project is entirely developed with roadways and housing it is unlikely for any sensitive natural communities would be impacted at this distance and the nearest known undeveloped area is 1,700-feet away. The addition of the project's light would not significantly impact any nearby sensitive natural communities or trees as a result.

Response to Public Comments

During the project proposal process, the community can submit comments concerning the project, including environmental concerns. This section aims to address comments concerning the environmental impact of the project that have not previously been addressed in this report.

Firstly, concerns were raised around the mountain lion (*Puma concolor*) population in the Santa Monica Mountains, specifically as a mountain lion has been sighted within Habitat Block 54 of the Santa Monica Mountains Conservancy. Habitat Block 54 is approximately 7920 feet from the project site. Accordingly, the maximum light cast from the project to that location would be .00057 footcandles. This amount of light is far below the threshold to create any impact to wildlife in the area, including any mountain lions that may be resident there.

Additional comments concern the impact on birds that may be flying over the project site, either by disorienting them during migration or by attracting them to the project site and causing collisional mortality. One cited study does support the idea that artificial light at night alters bird migration patterns and can attract birds[2], however this study was conducted approximately 6.2

[2] Poot, H., Ens, B. J., de Vries, H., Donners, M. A. H., Wernand, M. R., and Marquenie. J. M. (2008), Green light for nocturnally migrating birds. *Ecology and Society* ***13****(2): 47.*

miles away from other artificial lighting and can not shed light on how adding light to an already brightly lit urban area will impact bird migration patterns. Additionally, migrating birds regularly fly at altitudes of several thousand feet. At this vertical distance light from the proposed project will have degraded to negligible amounts due to the angle of the light and extreme distance. Therefore, it is unlikely that the proposed project will alter bird migration patterns over the already urbanized landscape.

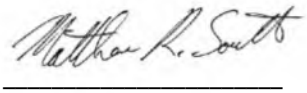
The impact of continuous building lighting on collisional bird deaths is a known concern of buildings and lighting. One study on collisional deaths at a low-rise building in Chicago found that collisions had a positive relationship with the percentage of lit area of the building and mostly impacted songbirds.[3] This analysis also found that colliding birds were attracted to specific light sources and were not simply disoriented by overall city sky glow. The proposed project, like all buildings, will result in some level of collisional bird deaths. However, the project site is in an already lit area, and songbirds would not be expected to be particularly attracted to the project given the existing light pollution. Further, these sporadic deaths will not endanger the urban songbird population as the area is already well lit and no native habitat or bird nesting habitat occurs on or near the project site. These minimal bird collision deaths would be at such a low rate as to not alter the trajectory of bird populations and would therefore not be significant according to CEQA.

Conclusion

This report analyzes the biological impacts of light from the proposed project at 9176 Sunset Blvd. in Los Angeles, California. A combination of database searches, literature review, and lighting study analysis were used to determine the potential impacts to biological resources near the project. There are significant levels of pre-existing light in the area because of surrounding roadways and developments. The distance at which light from the proposed project would be disruptive to biological resources is also very limited at 385-feet where only urbanized areas occur and no biological resources would occur. The nearest habitat block is 1,700 feet away from the project where lighting would increase a negligible 0.012 footcandles, which is well below the threshold for impacts to biological resources. Therefore, this analysis determined that no significant impact would be made to biological resources in the area.

Respectfully Submitted,

[3] Van Doren, B.M., et al. (2021), Drivers of fatal bird collisions in an urban center. *Proceedings of the National Academy of Sciences USA* **118**.



Matthew South

Principal Biologist

Attachment A – Lighting Study

Attachment A – Lighting Study

APPENDIX C1

Digital Lighting Study

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SUNSET JEWEL BOX

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LIGHTING STUDY

Prepared for:

April 23, 2021

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This Lighting Study by Francis Krahe & Associate Inc. (Study) analyzes the proposed lighting associated with the Sunset Jewel Box (Project) located at 9176 Sunset Boulevard in the City of West Hollywood, California. The Project is a commercial use building located on the south side of the Sunset Boulevard right of way, to the east of the Cory Avenue intersection, and west of 9156 Sunset Boulevard.

This Study reviews the parameters that affect light trespass or Glare (each as defined below) at adjacent sensitive use properties in the vicinity of the Project, reviews the applicable lighting metrics and regulations pertaining to artificial lighting, examines the existing lighting conditions within and surrounding the Project, and evaluates the Project's illuminated sign (Sign) to identify potential environmental impacts on surrounding sensitive use properties.

The methods of analysis utilized for this Study are based upon the recommended practices established by the Illuminating Engineering Society of North America (IESNA) for the practice of illumination engineering design and application, and the actual measurements of light sources and illuminated surfaces. The IESNA 10th Edition Handbook is the current reference published by IESNA, which supersedes the 9th Edition IESNA Handbook and various Recommended Practice (RP) References published by IESNA prior to 2011.

1. Summary

This Study reviews the proposed Project (as described herein as Appendix A) with respect to light trespass and glare at adjacent sensitive use properties near the Project Site. These adjacent sensitive use properties are identified as the most sensitive use sites due to their close proximity to the Project and possible direct view of the Project Signs. Light intensity diminishes rapidly in relation to distance (see Inverse Square Law page 8). Therefore, more distant sensitive site locations will receive much lower Light trespass illuminance and or luminance, and will therefore be less affected by the Project.

Exterior lighting issues are focused around two key subjects: light trespass and glare. These two technical terms are defined by the IESNA as follows:

- ***Light Trespass***[1] is the artificial light produced on a property that falls on an adjacent property. Light trespass is measured in terms of illuminance (foot-candles or metric units lux), and can be measured at any point and in any direction. Where Light trespass is evaluated the illuminance is measured perpendicular to the source of light, toward the source of light, at the property line, or the location where light would cause an issue. Light trespass is evaluated at night.

- ***Glare***[2] occurs when either the luminance is too high or the range of brightness in a visual field is too large. A bright light source, such as a flood light or street light, viewed against a dark sky may be uncomfortable to look at, and may create a temporary sensation of blindness, which is referred to as disability glare. Glare is evaluated by measuring the luminance (footlamberts or metric units candelas/m^2) at the source of light, such as a digital sign, in comparison to the surrounding adjacent luminance. Contrast ratios define the extent of Glare within the field of view at any observer position. The Contrast ratio is determined by the variation of luminance within the field of view. "High," "Medium," and "Low" Contrast ratios are the comparison of peak measured luminance to the average luminance within a field of view: Contrast ratios greater than 30:1 (High); between 30:1 to 10:1 (Medium); and below 10:1 (Low), respectively. Contrast ratios above 30:1 are generally uncomfortable for the human eye to perceive. Any source luminance that is more than 50 times the adjacent background will be viewed as prominent, and, may be viewed as distracting. Glare may occur either during the day or night.

[1] IESNA Handbook, 10th Edition, 19.3: Light Pollution and Trespass, page 19.7
[2] IESNA Handbook, 10th Edition, 4.10: Glare, page 4.25

This Study analyzes the Project's potential environmental impacts relating to lighting based on The Project's illuminated sign (Sign Lighting), as described by the Sign Concept Design Documents included in Appendix A of the Study.

The Project Sign Lighting would ultimately comply with the requirements of the City of West Hollywood Sunset Boulevard Off-Site Signage Policy (WEHO Policy) as adopted as an amendment to the Sunset Specific Plan (Ordinance No. 19-1063) by the City (Appendix B), which regulates sign types, location, size and operating characteristics of signage proposed on the Project Site specifically and within the WEHO Policy boundaries generally. For purposes of impact analysis, this Study analyzes the proposed signage on the Project Site (identified in Appendix A as the Conceptual Sign Plan).

This Study utilizes the illumination standards for Sign Lighting as defined by WEHO Policy for sensitive use properties adjacent to Sunset Boulevard for purposes of environmental analysis. Accordingly, the Sign Lighting would comply with the following requirements:

- Light trespass illuminance less than 1.4 footcandles (fc) at residential use properties adjacent to Sunset Boulevard.
- Illuminated signs will not exceed 6000 candelas/m^2 luminance during the day from sunrise until 20 minutes prior to sunset.
- Illuminated signs will not exceed 300 candelas/m^2 at night from sunset until 20 minutes prior to sunrise.
- From 2:00 a.m until sunrise no animated content or moving patterns shall be permitted.
- Sign luminance shall transition smoothly from daytime luminance to nighttime luminance and vice versa.
- Illuminated signs that have the potential to exceed 300 candelas/m^2 will include an electronic control mechanism to reduce sign luminance to 300 candelas/m^2 at any time when ambient sunlight is less than 100 footcandles (fc).
- Externally illuminated signs will incorporate design elements to limit the direct view of the light source surface at all exterior light fixtures to ensure that the light source cannot be seen from adjacent residential-zoned properties.

This Study demonstrates light trespass from the Project Sign at sensitive use properties adjacent to Sunset Boulevard would be below the 1.4 footcandles (fc) limit for illuminated signs as defined by the WEHO Policy. There is no light trespass limit for commercial use properties, which are not considered light or glare-sensitive receptors. Therefore, this Study does not evaluate light trespass illuminance or glare from the Project Sign at commercial properties.

This Study also evaluates Project Sign light trespass illuminance at sensitive use properties more distant from Sunset Boulevard, which are not a part of the WEHO Policy Specific Plan, with the maximum illuminance defined by the California Energy Commission for urban areas in California, Lighting Zone LZ3, 0.74 fc. This Study demonstrates the light trespass from the Project Sign at more distant residential properties that are more than 250 feet from Sunset Boulevard will be less than 0.74 fc.

Furthermore, the Project Sign is evaluated with respect to glare visible at adjacent residential properties or roadways. To present a conservative analysis, this Study evaluates the Project Signs with a maximum luminance of 6000 cd/m^2 during the day and 300 cd/m^2 at night with all Project Signs operating at all white. This Study confirms the contrast ratios, which compares the maximum sign luminance to the existing average luminance measured at the Monitoring Sites, are less than 30:1. Therefore, the Project Sign would not create a new glare condition at adjacent residential properties.

The glare at roadways is evaluated with respect to the standards identified by the California Motor Vehicle Code, which defines maximum sign luminance within drivers field of view for both day and night. This Study confirms the Project Sign would not exceed the maximum luminance defined by the California Motor Vehicle Code during the day, at night, and during periods of low sun intensity. Therefore, the results of this Study indicate the Project Sign would not create a new source of Light trespass or glare.

2. Project Description

The Project consists of a new commercial development (Project) totaling approximately 53,030 square feet of floor area on an approximately 18,608 square feet property at 9176 Sunset Boulevard, West Hollywood, California (see Figure 1). The Project is a commercial use building located on the south side of the Sunset Boulevard right of way, to the east of



Figure 1: Project Site

the Cory Avenue intersection, and west of 9156 Sunset Boulevard. The Project includes illuminated digital signs as described by the Sign Concept Design attached herein as Appendix A.

3. Glossary of Lighting Terminology

Discussions of lighting issues include precise definitions, descriptions or terminology of the specific lighting technical parameters. The following glossary summarizes explanations of the technical lighting terms utilized in this Study and the related practice standards to facilitate discussion of these issues. The following technical terms are used in this Study.

Brightness: The magnitude of sensation that results from viewing surfaces from which light comes to the eye. This sensation is determined partly by the measurable luminance of the source and partly by the conditions of observation (Context), such as the state of adaptation of the eye. For example, very bright lamps at night appear dim during the day, because the eye adapts to the higher brightness of daylight.

BUG Rating: A luminaire classification system established in *IES TM-15-11*, BUG Ratings Addendum that provides for uniform assessment of the directional characteristics of illumination for exterior area lighting. BUG is an acronym composed of Backlight, Uplight, and Glare. BUG ratings are based on a zonal lumen calculations for secondary solid angles defined in *IES TM-15-11*.

Candela: Measure of light energy from a source at a specific standard angle and distance. Candela (cd) is a convenient measure to evaluate output of light from a lamp or light fixture in terms of both the intensity of light and the direction of travel of the light energy away from the source.

Contrast: Calculated evaluation of high, medium and low contrast of visible light sources or surfaces within the Property by a ratio of luminance. Contrast is the ratio of one surface luminance to a second surface luminance or to the field of view. Contrast exceeding 30 to 1 are usually deemed uncomfortable; 10 to 1 are clearly visible; and less than 3 to 1 appear to be equal.

Fully Shielded: A lighting fixture constructed in such a manner that all light emitted by the fixture, either directly from the lamp or a diffusing element, or indirectly by reflection or refraction from any part of the Luminaire, is projected below the horizontal as determined by photometric test or certified by the manufacturer. Any structural part of the light fixture providing this shielding must be permanently affixed. In other words, no light shines above the horizontal from any part of the fixture.

Glare: Glare is visual discomfort experienced from high luminance or high range of luminance. For exterior environments at night, glare occurs when the range of luminance in a visual field is too large. The light energy incident at a point is measured by a scale of footcandles or lux, and is described in the technical term Illuminance. This incident light is not visible to the eye until it is reflected from a surface, such as pavement, wall, dust in the atmosphere or the surface of a light bulb. The visible brightness of a surface is measured in footlamberts (or metric equivalent candelas per square meter) and is described by the term Luminance.

The human eye processes brightness variations across a very broad spectrum of intensities. The range of brightness generated by direct noon sun versus a moonlight evening is over 5000 to 1. Human eyes are capable of accommodating to this range of intensities given adequate time to adjust. However, the eye cannot process brightness ratios of more than 30 to 1 within a view without discomfort. See IESNA 10th Edition Handbook, Section 4.10.1, Discomfort Glare and Section 10.9.2 Calculating Glare.

For the purpose of this analysis, brightness of light sources may be described subjectively by the following criteria:

High Contrast Conditions: View of light fixture emitting surface, such as a lens, reflector, or lamp, where brightness contrast ratio exceeds 30 to 1 (source Luminance to background Luminance ratio in footlamberts).

Medium Contrast Conditions: Brightly lighted surfaces where contrast ratio exceeds 10 to 1, but is less than 30 to 1 (lighted surface Luminance to background Luminance ratio in footlamberts).

Low Contrast Conditions: Illuminated surfaces where contrast ratio exceeds 3 to 1, but less than 10 to 1 (source Luminance to background Luminance ratio in footlamberts).

Illuminance:

Illuminance is the means of evaluating the density of Luminous Flux. Illuminance indicates the amount of Luminous Flux from a light source falling on a given area. Illuminance is measured in footcandles (fc) which is the lumens per square foot, or Lux (lumens per square meter). Illuminance need not necessarily be related to a real surface since it may be measured at any point within a space. Illuminance is determined from the Luminous intensity of the light source. Illuminance of a point source decreases with the square of the distance from the light source (see Inverse Square Law definition).

Horizontal Illuminance:

Illuminance incident upon a horizontal plane. The orientation of the illuminance meter or calculation point will be 180° from Nadir.

Vertical Illuminance:

Illuminance incident upon a vertical plane. The orientation of the illuminance meter or calculation point will be 90° from Nadir.

Inverse Square Law:

In physics, an inverse-square law is any physical law stating that a specified physical quantity or intensity is inversely proportional to the square of the distance from the source of that physical quantity. The fundamental cause for this relationship can be understood as geometric dilution

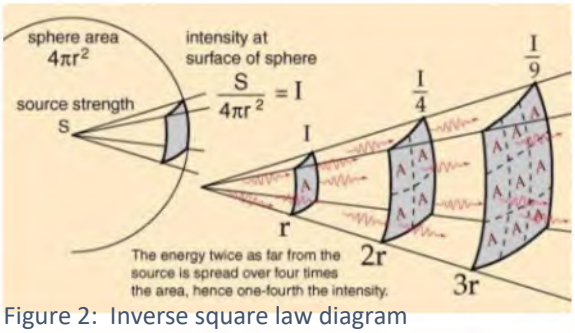


Figure 2: Inverse square law diagram (hyperphysics.phy-ast.gsu.edu)

corresponding to point-source radiation into three-dimensional space (see Figure 2). The divergence of a vector field which is the resultant of radial inverse-square law fields with respect to one or more sources is everywhere proportional to the strength of the local sources, and hence zero outside sources. Newton's law of universal gravitation follows an inverse-square law, as do the effects of electric, magnetic, light, sound, and radiation phenomena. Thus, Illuminance decreases with the square of the distance from the light source.

Output Direction: Luminaires for general lighting are classified in accordance with the percentages of total luminaire output emitted above and below horizontal. The light distribution curves may take many forms within the limits of upward and downward distribution, depending upon the type of light and the design of the luminaire.

Lighting Array: An installation of multiple light sources or lamps where the distance between each lamp or light source within the Lighting Array is less than 5 feet on center in any direction from any other source.

Light Source: Device which emits light energy from an electric power source.

Light Trespass: Electric light from subject property incident onto adjacent properties, measured in footcandles or lux, usually analyzed by measurement at or near the adjacent property line.

Lighting Zone (LZ): Defined by IESNA and summarized in Table 26.4 in the Handbook and adopted by CALGreen.

Lighting Zone LZ2: Outdoor areas of human activity where the vision of human residents and users is adapted to moderate light levels. Lighting is not uniform or consistent. Lighting is generally desired for safety, security and/or convenience.

Lighting Zone LZ3: Outdoor areas of human activity where the vision of human residents and users is adapted to moderately high light levels. Lighting is generally desired for safety, security and/or convenience.

Lighting Zone LZ4: Outdoor areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally desired for safety, security and/or convenience.

Luminaire: A complete lighting unit consisting of a lamp or lamps and ballast(s) (when applicable) together with the parts designed to distribute the light, to position and protect the lamps, and to connect the lamps to the power supply. Also referred to as a Light Fixture.

Luminance: Luminance is a measure of emissive or reflected light from a specific surface in a specific direction over a standard area. Luminance is measured in footlamberts (fL) (Candela per square foot) or cd/m^2 (Candela per square meter). 1fL = 3.43 cd/m^2.

Whereas Illuminance indicates the amount of Luminous Flux falling on a given surface, Luminance describes the brightness of an illuminated or luminous surface. Luminance is defined as the ratio of luminous intensity of a surface (Candela) to the projected area of this surface (m^2 or ft^2).

Luminous Flux: Mean value of total Candelas produced by a light source. Luminous Flux describes the total amount of light emitted by a light source. The unit for measuring Luminous Flux is Lumen (lm).

This radiation could basically be measured or expressed in watts. This does not, however, describe the optical effect of a light source adequately, since the varying spectral sensitivity of the eye is not taken into account. To include the spectral sensitivity of the eye the Luminous Flux is measured in lumen. Radiant Flux or 1 W emitted at the peak of the spectral sensitivity (in the photopic range at 555 nanometers produces a Luminous Flux of 683 lumen). The unit of lumen does not define direction.

Sensitive Use Site: A property located near the Project Site where light from the Project may interfere with the use within the property, or may present an adverse effect to flora and fauna within the property. Sensitive Use Sites for this Study include residentially zoned properties, outdoor dining restaurants, and native habitat.

Skyglow: Skyglow is the description of luminous atmospheric background and results from both natural and human made conditions. Natural causes of skyglow include sunlight reflected from the surface of the earth and moon, sunlight illuminating the upper atmosphere, and visible illumination from other interplanetary sources. Human made causes of skyglow include electric light that is emitted directly upward into the sky (Uplight), or reflected off of the ground.

4. Review of Lighting Regulations & Reference Standards

Exterior lighting is regulated throughout California by the local municipal code and the state energy and building codes. Pertinent lighting sections are summarized and discussed for the City of West HollywoodMunicipal Code, the Sunset Boulevard Specific Plan, the State of California Green Building Code, and the California Energy Code (CalGreen). Reference standards include model lighting ordinances provided by the Illuminating Engineering Society of North America (IESNA) and the International Dark Sky Organization, ASHRAE 90-75, and the U.S. Green Building Council. Various aspects of these reference standards are included in local regulations to improve the outcomes of any approved project and avoid future disputes or legal challenges to proposed lighting plans. The lighting standards summarized below balance the requirements of property owners for sufficient brightness and flexibility for the use of their property, with minimizing the off-site negative effects of Light trespass and Glare.

4.1 Sunset Boulevard Specific Plan

The Sunset Boulevard Specific Plan (the “Specific Plan”) regulates lighting with respect to building lighting, transportation, street lighting and light trespass (i.e., the spillover of light onto adjacent light-sensitive properties) and Sign Lighting. The City also enforces the building code requirements of the West Hollywood Building Code, the California Building Code, the California Green Building Standards Code (CALGreen), and the California Electrical Code.

The Specific Plan includes the following requirements which apply in this Study to Sign illumination within the Sunset Boulevard Off-Site Signage Policy (WEHO Policy).

- Sign luminance will be less than 6,000 candelas per meter squared (cd/m^2) during the day, and less than 300 cd/m^2 from 20 minutes prior to sunset until 20 minutes prior to sunrise.
- Sign luminance shall transition smoothly over no less than 20 minutes, from the daytime to the nighttime (or nighttime to daytime) maximum luminance.
- From 2:00 a.m until sunrise no animated content or moving patterns shall be permitted
- Sign illuminance will not exceed 1.4 foot-candles at any adjacent residential zoned property.

In this Study the standards above apply to Sign Lighting where Project Signs are adjacent to sensitive use properties within the City of West Hollywood and adjacent to, within 250 feet of Sunset Boulevard. The distance of 250 feet is identified in the Sunset Strip Off-Site Signage Policy Initial Study / Negative Declaration, Section 3.1(d), page 252 (attached herein Appendix C), which states:

> "Along Sunset Boulevard, most residential properties are set back behind the commercial properties that front onto Sunset Boulevard. The slope to the north and south of Sunset Boulevard significantly afftest the visibility of signs from residential properties. … The distance from Sunset Strip properties to adjacent residential properties varies consideralby. The properties within close proximity are generally 250 feet to 300 feet away from the existing signs on Sunset Boulevard."

Therefore, residential use properties within 250 feet of Sunset Boulevard are considered within the area included to and subject to the WEHO Policy regulations and the 1.4 fc light trespass illuminance threshold applies.

This Study also evaluates Sign light trespass illuminance at sensitive use properties that are not adjacent to Sunset Boulevard and more than 250 feet from Sunset Boulevard, and not a part of the Sunset Specific Plan and directly regulated by the WEHO Policy. For those residential or sensitive use properties that are not adjacent to Sunset Boulevard, the regulations of CALGreen would apply as noted below.

- CEC defines all urban areas as LZ3 (see below). Therefore, Project Sign light trespass illuminance will not exceed 0.74 foot-candles at any adjacent residential zoned property more than 250 feet away from Sunset Boulevard.

4.2 California Code of Regulations, Title 24

Title 24 of the California Code of Regulations (CCR), also known as the California Building Standards Code, includes regulations for signs throughout the State of California. The following components of Title 24 include standards related to Sign Lighting:

a. 2019 California Administrative Code, Administrative Regulations for the California Energy Commission (CEC):

The California Administrative Code, which is Part 1 of Title 24, includes Section 10-114. Determination of outdoor lighting zones and administrative rules for use. This section establishes rules for implementing outdoor lighting zones, and is included herein as Appendix D.

Nighttime lighting environment are defined as Lighting Zones 1 through 4 in Table 10-114-A LIGHTING ZONE CHARACTERISTICS AND RULES FOR AMENDMENTS BY LOCAL JURISDICTIONS. The requirements of Section 10-114 are established to show compliance with Section 140.7 of Title 24, California Code of Regulations, Part 6. The description of nighttime lighting environments in Table 10-114 are similar to IESNA Table 26.4, discussed below.

The Project Site and surrounding properties are an urban, mixed use, commercial and residential zone with extensive nighttime use, including nearby industrial, retail, restaurants, and entertainment venues. Current best practices for lighting standards recognize the unique issues related to nighttime use adjacent to sensitive use sites. As noted above, CEC includes designations for Lighting Zones (LZ) 1 through 4, included below in Appendix D, which correspond to the Light trespass Illuminance recommendations within the IESNA 10th Edition Handbook, Table 26.4, included herein Appendix H and I respectively. The IESNA recommendations for Light trespass Illuminance vary based upon the extent of nighttime human activity and the extent of natural habitat.

The existing conditions surrounding the Project site and along Sunset Boulevard are consistent with the definition of Lighting Zone 4 noted above. In addition, the IESNA defines Lighting Zone 4 as:

> "areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally considered necessary for safety, security and/or convenience and it is mostly uniform or continuous."

IESNA Table 26.5, lists a Pre-curfew 15 Lux (1.4 footcandles) maximum at the location where trespass is under review for Zone 4. As noted above, the City of West Hollywood Ordinance has incorporated the requirements of Lighting Zone 4, 1.4 fc maximum light trespass illuminance, for all residential properties in the vicinity of Sunset Boulevard. Therefore, this Study utilizes the WEHO Policay maximum Sign light trespass illuminance of 1.4 fc at sensitive use properties adjacent to Sunset Boulevard.

Per the CEC, California Building Energy Efficiency Standards, Section 10-114, the designations for outdoor lighting zones in urban areas are as follows:

> "The default for urban areas, as defined by the U.S. Census Bureau, is Lighting Zone 3. Local AHJs (Authorities Having Jurisdiction) may designate areas to Lighting Zone 4 for high intensity nighttime use, such as entertainment or commercial districts or areas with special security considerations requiring very high light levels."

All urban areas within California are designated Lighting Zone 3 as default under the CEC. The corresponding light trespass illuminance defined by IESNA for LZ, which limits the Light trespass to 8 lux (0.74 footcandles). Therefore, all urban areas within the City of West Hollywood not included within the Sunset Specific Plan, and adjacent neighborhoods within the City of Los Angeles, and the City of Beverly Hills are designated by CEC as Lighting Zone 3. The City of Los Angeles Municipal Code includes sign lighting regulations which permit sign light trespass illuminance not to exceed 3.0 fc (LAMC Section) at a residential use property. However, this Study utilizes the more stringent CEC designation of LZ 3, 0.74 fc as the basis of the evaluation of Project Sign light trespass to present a more conservative analysis for areas not within the Sunset Boulevard Specific Plan.

b. California Energy Code 2019, Section 140.7, PRESCRIPTIVE REQUIREMENTS FOR OUTDOOR LIGHTING

The California Energy Code (CEC) stipulates allowable energy use for Outdoor Lighting (see Appendix E herein), including with the aim of reducing energy consumption at night through efficient and effective use of sign lighting equipment. Sign lighting is exempt as per "Section 140.7 (a), Exceptions to Section 140.7(a) …. 7. Lighting of signs complying with the requirements of Sections 130.3 and 140.8". However, the requirements of CEC are applied in this Study to present a conservative analysis of light trespass illuminance at residential use properties.

c. California Energy Code 2019, Section 130.3, SIGN LIGHTING CONTROLS

The California Energy Code (CEC) stipulates control requirements for signs (see Appendix F herein), including with the aim of reducing energy consumption at night through efficient and effective use of sign lighting equipment.

d. California Energy Code 2019, Section 140.8, PRESCRIPTIVE REQUIREMENTS FOR SIGNS

The California Energy Code (CEC) stipulates energy and light source requirements for signs (see Appendix G herein), including requirements for "(a) Maximum allowed lighting power.", or "(b) Alternate lighting sources." Both sections require high efficiency light sources, LED, or equivalent.

4.3 California Vehicle Code, Division 11. Rules of the Road

Chapter 2, Article 3 of the California Vehicle Code stipulates limits to the location of light sources that may cause glare and impair the vision of drivers.

ARTICLE 3. Offenses Relating to Traffic Devices [21450 - 21468] (Article 3 enacted by Stats. 1959, Ch. 3.), Section 21466.5. No person shall place or maintain or display, upon or in view of any highway, any light of any color of such brilliance as to impair the vision of drivers upon the highway. A light source shall be considered vision impairing when its brilliance exceeds the values listed below.

The brightness reading of an objectionable light source shall be measured with a 1-1/2 degree photoelectric brightness meter placed at the driver's point of view. The maximum measured brightness of the light source within 10 degrees from the driver's normal field of view shall not be more than 1,000 times the minimum measured brightness in the driver's field of view, except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlambert shall not exceed 500 plus 100 times the angle, in degrees, between the driver's field of view and the light source.

4.4 IESNA Recommended Practices

The Illuminating Engineering Society of North America (IESNA) recommends illumination standards for a wide range of building and development types. These recommendations are widely recognized and accepted as best practices and are therefore a consistent predictor of the type and direction of illumination for any given building type. For all areas not stipulated by the regulatory building code, municipal code or specifically defined requirements, the IESNA standards are used as the basis for establishing the amount and direction of light for the Project.

The IESNA 10th Edition Lighting Handbook and subsequent publications define Outdoor Lighting Zones relative to a range of human activity versus natural habitat. Table 26.4, Nighttime Outdoor Lighting Zone Definitions, included in Appendix H of this Study, establishes the Zone designation for a range of existing lighting conditions, from low or no existing lighting to high light levels in urban areas. Table 26.4 is referenced by the CEC as noted above in relation to allowable energy use for outdoor lighting. In addition, the IESNA 10th Edition Lighting Handbook defines Recommended Light trespass Limits in Table 26.5, included in the Appendix I hereto, relative to the Outdoor Lighting Zones. The Recommended Light trespass Illuminance Limits describe the maximum Light trespass values in Lux at the location where trespass is under review.

The existing conditions surrounding and adjacent to the Project site are best described as Lighting Zone 4 in IESNA Table 26.4. Therefore, the corresponding maximum Pre-curfew illuminance for Zone 4 identified in IESNA Table 26.5 is 15 Lux (1.4 footcandles) maximum at the location where trespass is under review.

5. Significance Threshold

Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 California Code of Regulations, Sections 15000–15387) provides a set of sample questions to evaluate impacts with regard to aesthetics, including light and glare. The question that pertains to light and glare is as follows:

Would the project:

Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

In the context of this question from Appendix G of the CEQA Guidelines, the determination of significance in this Study takes into account the following factors:

The change in ambient nighttime levels as a result of project sources; and

The extent to which project lighting would spill off the Property and affect adjacent residential zoned properties.

Specifically, the Project would create a significant impact with regard to artificial light or glare if:

Project Sign Light trespass illuminance is greater than 1.4 fc at residential zoned property lines adjacent to Sunset Boulevard.

Project Sign Light trespass illuminance is greater than 0.74 fc at residential zoned property lines beyond 250 feet from Sunset Boulevard.

Project Sign creates Glare with new high contrast conditions, with luminance greater than 300 cd/m^2 or contrast ratio greater than 30:1, visible from a field of view from a residentially zoned property.

In addition, based on the California Vehicle Code requirements identified above, the Project would create a significant impact with regard to artificial light or glare effects on drivers of motor vehicles if:

The maximum measured brightness of the light source within 10 degrees from the driver's normal field of view shall not be more than 1,000 times the minimum measured brightness in the driver's field of view, except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlambert shall not exceed 500 plus 100 times the angle, in degrees, between the driver's field of view and the light source.[3]

[3] The driver's field of view from the center of the roadway plus 10 degrees."

6. Methodology

6.1 Existing Conditions Procedures

Existing conditions lighting observations were conducted following recommended practice procedures defined by the IESNA in RP-33-00 Lighting for Outdoor Environments, TM-10-00 Addressing Obtrusive Light (Urban Sky Glow and Light trespass) in Conjunction with Roadway Lighting, and TM-11-00 Light trespass: Research, Results and Recommendations. Field illuminance and luminance measurements were conducted to accurately document all existing incident and visible light at each Monitoring Site location. Incident light can be understood as a vector of luminous flux moving through space. As the vector (light) is incident upon a surface, the intensity of the resulting illuminance will vary depending upon the relative orientation of the vector to the surface. The greatest illuminance will result when the surface and vector are perpendicular. The least illuminance will result when the surface and vector are parallel. In the field conditions, where there are multiple sources of light originating from varied positions, illuminance measurements are recorded horizontally with the photosensor facing up at 3 feet above grade, and vertically with the photosensor facing the Project as per as per IESNA standards. These measurements document the total horizontal illuminance received at a Monitoring Site as well as the direction and intensity of light converging on the Monitoring Site from the direction of the Property. Since most of the Monitoring Sites are located at a long distance away from the Property, greater than 100 feet as noted in Section 7 below, the vertical illuminance represents a plane perpendicular to the light sources. Under these conditions, there is little difference between the vertical and perpendicular plane, and the vertical plane analysis that is conducted in this Study would be equal to or greater than the measured luminance from a precisely perpendicular plane analysis. Therefore, this study utilizes a vertical and horizontal illuminance analysis. The existing Illuminance is measured with a Minolta Illuminance meter.



Figure 3: Minolta LS-100 meter

The existing luminance is measured from a Monitoring Site to light sources and surfaces within the field of view toward the Property from that Monitoring Site. The existing conditions luminance data is measured with a Minolta LS-100 Luminance meter with procedures consistent with best practices for field measurement of luminance as per IESNA standards. The LS-100 meter utilized by Francis Krahe & Associates, Inc. reports luminance data in either candelas per square meter or footlamberts (fL). All existing luminance data measured and reported in this Study are recorded as cd/m^2.

6.2 Project Analysis

The analysis of the Project includes evaluation of the Light trespass illuminance from the Project at adjacent sensitive use properties, and an evaluation of glare from the Project visible at sensitive use properties or at adjacent roadway locations.

This Study presents a conservative analysis with respect to Light trespass and glare. The Project Sign Lighting presented in Appendix A is evaluated with all lighting permitted within the limits of the WEHO Policy. The Project Sign Lighting presented in Appendix A is evaluated with the sign operating at the maximum night luminance, all white.

a. Project Light Trespass Analysis

Light trespass illuminance is evaluated with respect to vertical illuminance at the locations where lighting is under review through the illumination modeling software program AGI32. This software utilizes the Project three-dimensional architectural computer model and the building exterior materials to generate an accurate prediction of future Project illuminance from the Project Sign identified within the Sign Concept (Appendix A). The calculated illuminance data is presented at 10 feet on center within a vertical planar surface. The calculation plane simulates the illumination (fc) captured by light meters.



Figure 4: Vertical Calculations Planes, WHMC

Light trespass illuminance from the Project Sign is evaluated in this study at the nearest residential use or other sensitive use property. . Vertical calculation planes for the Sign Light trespass analysis are presented in Figure 4.

The locations for analysis correspond to the adjacent residential use properties, as illustrated in Figure 4. Light trespass illuminance is evaluated within vertical planes at each adjacent property line location extending from grade to a maximum building or sign elevation above grade (for this Project 78.5 feet above grade).

The vertical calculation planes analyze the lighting at locations near the Project property line, which will be greater than the illuminance at any location more distant from the Project. Incident light (fc) from a source degrades in proportion to the inverse square of the distance from the source to the location where lighting is under review. The illuminance Ev (fc) incident at any given distance D (ft) from an illuminated surface S (ft^2) with uniform surface luminance of L (cd/m^2) is calculated by the following formula:

$$E_v = \frac{L \times S}{10.76 \times D^2}$$

This formula illustrates the reduction in illuminance at any location as the distance increases from a light source. More distant residential properties or other sensitive sites will receive less light from the Project due to the increased distance. Therefore, the Project will produce a less significant Light trespass impact on residential properties or other sensitive sites more distant from the review locations identified in Figure 4.

b. Project Glare Analysis

Glare from the Project is evaluated at adjacent residential use properties and for drivers on adjacent streets. Project Sign Lighting luminance is evaluated by the contrast ratio, which equals the maximum Project luminance divided by the measured average existing luminance within the field of view as measured at the Monitoring Sites identified in the field survey of existing conditions (see Section 7 below). Contrast ratios greater than 30:1 are considered potential glare conditions.

Luminance is independent of distance for large area sources, such as illuminated signs, where the viewing locations are relatively close to the sign and the sign fills a large portion of the field of view. At viewing locations less than 19 times the height or width of the illuminated surface, the sampled area viewed or measured by a luminance meter increases with distance, cancelling the inverse square losses. The standard meter for luminance measurement utilizes a 3 degree lens, thus the 3 degree view translates to approximately 19.1 times the height or width dimension. At viewing locations beyond 19 times the height or width the illuminated surface becomes a point source, and the inverse square relationship will again predict the measured luminance or perceived brightness. The Project includes the sign as defined in Appendix A. The luminance of the Project Sign is analyzed with a constant luminance of 300 cd/m^2 for all viewing distances up to 1,000 feet.

The potential roadway Glare impacts are analyzed with respect to the Project luminance compliance with the California Vehicle Code requirements for both night and day conditions. According to California Vehicle Code Section 21466.5, the Project would have a significant impact with regard to artificial light or glare if:

The maximum measured brightness of a light source within 10 degrees from a driver's normal line of sight exceed 1,000 times the minimum measured brightness in the driver's field of view, except when the minimum values are less than 10 footlamberts (fL).

At minimum luminance less than 10 footlamberts (fL) the source brightness shall not exceed 500 fL plus 100 times the angle, in degrees, between the driver's line of sight and the light source.

7. Project Existing Conditions

This Lighting Study by Francis Krahe & Associate Inc. (Study) analyzes proposed lighting associated with the Sunset Jewel Box (Project) located at 9176 Sunset Boulevard in the City of West Hollywood, California. The existing lighting conditions within and surrounding the Project include city streetlights, exterior parking lot lights, exterior lighting utilized for security and safety, commercial illuminated signs, and landscape lighting at adjacent residences.

The distance to adjacent residential properties varies considerably. There are existing residential properties located 104 feet to the southeast of the Project southeast property line at 1031 Carol Street, located at 375 feet west of the Project site at 9233 Doheny Road, and located at 215 feet to the north of Project property line at 1112 Cory Avenue.

7.1 Existing Conditions Monitoring Sites

Monitoring sites are utilized to describe and evaluate the existing lighting conditions at and surrounding the Property to determine the maximum potential impacts that may result from light or glare onto adjacent sensitive sites surrounding the Property. All Monitoring Site locations are within close proximity of the Project and have views of the Property. Monitoring Sites may also be considered existing residential use properties, or may be located adjacent to existing residential properties.

The following criteria are used to select potential Monitoring Site locations:

Project Light Visibility – Monitoring sites are analyzed that provide direct view of the areas of greatest light intensity from the Project.

Proximity – Monitoring sites at the least distance to the Project are analyzed. These locations are selected because light intensity decreases exponentially with distance. Locations at a greater distance will experience less light intensity than nearby locations.

Figure 5 shows the Project's location, the Monitoring Site locations and the properties surrounding the Project. The Project site is shaded green. Monitoring Site locations were selected for observation and field lighting measurements to evaluate the views to the Project from adjacent residential properties and to determine the extent and intensity of existing light sources within and surrounding the Project. The Monitoring Sites are within the public right of way, adjacent to residences or at the Project property line. These locations are representative of the view to the Project from the vicinity of the sensitive sites surrounding the Project to the north, east, south and west.

Figure 5 illustrates the following Monitoring Site locations:

Monitoring Site M-E1: Monitoring Site M-E1 is located adjacent to 1033 Carol Drive at the west side of the Carol Street right of way, to evaluate the Project east elevations and east facing signs. The distance to the Project property line is approximately 104 feet, and the distance to the Project east exterior sign face is approximately 165 feet.

Monitoring Site M-N1: Monitoring Site M-N1 is located adjacent to the north Project property line, adjacent to the 1112 Cory Avenue, to evaluate the Project north elevations and north facing signs. The distance to the Project property line is approximately 215 feet, and the distance to the Project north exterior sign face is approximately 215 feet.



Figure 5: Monitoring Sites

Monitoring Site M-N2: Monitoring Site M-N2 is located adjacent to the north Project property line, adjacent to the 1245 North Doheny Drive, to evaluate the Project north elevations and north facing signs. The distance to the Project property line is approximately 930 feet, and the distance to the Project north exterior sign face is approximately 930 feet. The Project Sign may be visible from M-N2 due to the increased street elevation relative to the Project Site and the elevation of buildings and trees between the Project site and M-N2. Properties to the south of M-N2 along Doheny Drive are at lower elevation relative to the Project Sign and the view from Doheny Drive to the Project Site is obscured by trees and buildings fronting on Sunset Boulevard.

Monitoring Site M-W1: Monitoring Site M-W1 is located adjacent to the east property line of 9233 Doheny Road, at the west sidewalk of Sunset Hills Road, to evaluate the Project west elevation and west facing signs. The distance to the Project property line is approximately 375 feet, and the distance to the Project west exterior sign face is approximately 375 feet.

Monitoring Site M-S1: Monitoring Site M-S1 is located adjacent to the north property line of 1024 Corey Ave., at the south side of the property, to evaluate the Project south elevations and south facing signs. The distance to the Project property line is at the property line, there are no signs on the south side of the project.

7.2 Criteria

As established in Section 1.3, the following factors were used to assess the existing conditions at each Monitoring Site:

Table 1. Existing Conditions Lighting Criteria

Criteria	Metric	Procedure
Light trespass - Illuminance	Measured illuminance (footcandle) documented at each Monitoring Site	Measured illuminance recorded each Monitoring Site with Minolta illuminance meter.
Glare – Contrast Ratio	Measured luminance candelas per meter squared, documented at each Monitoring Site Observed existing conditions	Measured luminance recorded at each Monitoring Site with Minolta luminance meter. Day and night photograph to record the evaluation of the view to the Project Site from the Monitoring Site in terms of Project visibility and prominent light sources, lighted surfaces, and illuminated signs.

7.3 Monitoring Site Survey Data

The observations and measurement of existing lighting conditions within and surrounding the Property are summarized below in relation to the evaluation factors established in Section 5, Significance Threshold:

Illuminance: The Illuminance listed in Table 2, below, summarize the measured Illuminance at the Monitoring Sites. The measured illuminance is consistent with an urban lighting condition, with relatively high illuminance at the street and sidewalk within the public right of way and nearby commercial properties, and lower illuminance within the residential properties, but sufficient light for safety and security. The existing Property includes lighting for the existing parking lot and signs. Adjacent commercial properties to the south, east, and west contribute to a relatively bright night environment.

Measured illuminance greater than 1.4 fc is evaluated as high illuminance, from 0.75 fc to 1.4 fc is evaluated as medium illuminance, and from 0.74 fc or less as low illuminance.

The highest existing horizontal illuminance level was recorded at Monitoring Site at M-W1 with 2.31 fc, while the lowest horizontal illuminance was recorded at Monitoring Site M-S1 at 0.20 fc. The highest existing vertical illuminance level was recorded at Monitoring Site ME-1 at 1.99 fc, while the lowest vertical illuminance was recorded at Monitoring Site M-N2 at 0.08 fc.

Table 2. Measured Illuminance (fc) at Monitoring Sites

Monitoring Site	Illuminance (fc)		Location	Evaluation
	Horizontal	Vertical		
M-E1	0.25	1.99	1033 Carol Drive	Low Horizontal, High Vertical illuminance
M-N1	0.30	0.38	1112 Cory Avenue	Low Horizontal, Low Vertical illuminance
M-N2	0.22	0.08	1245 North Doheny Drive	Low Horizontal, Low Vertical illuminance
M-W1	2.31	0.55	9233 Doheny Road	High Horizontal, Low Vertical illuminance
M-S1	0.20	0.29	1024 Corey Avenue	Low Horizontal, Low Vertical illuminance

Contrast/Glare: the visual evaluation of High, Medium and Low Contrast describes the perception of how bright a visible object appears to the surrounding objects within any given field of view and context. High Contrast indicates a potential glare condition for residential properties nearby.

Contrast is the ratio of one surface luminance to a second surface luminance or to the field of view. Contrast exceeding 30 to 1 are usually deemed uncomfortable and evaluated as high; less than 30 to 1 to greater than 10:1 are medium contrast; 10 to 1 are clearly visible and evaluated as low; and less than 3 to 1 appear to be equal, and evaluated as very low.

The measured luminance recorded at the Monitoring Sites within the view to the Project includes prominent, high brightness light sources and illuminated surfaces, such as streetlights, illuminated signs, and flood lighted buildings, as well as lower brightness surfaces such as sidewalks, parking lots, and un-illuminated walls or landscape areas. The existing Project Site is an industrial site with parking lot light poles and existing exterior lights. The site is well illuminated with many bright surfaces visible. The range of recorded luminance is summarized in Table 3.

For this Study the following luminance criteria are applied to measured and calculated luminance: Luminance below 10 cd/m^2 is evaluated as Low luminance; Luminance greater than 10 cd/m^2 and less than 300 cd/m^2 is evaluated as medium luminance; Luminance greater than 300 cd/m^2 is evaluated as high luminance.

The highest average luminance was recorded at Monitoring Site M-E1 at 257 cd/m^2, while the lowest average luminance was measured at Monitoring Site M-N1 at 131 cd/m^2. The measured average luminance is Medium Luminance (greater than 10 cd/m^2 and less than 300 cd/m^2) at all five monitoring sites.

The highest maximum luminance was recorded at Monitoring Site M-N2 with 4031 cd/m^2, while the lowest maximum luminance was measured at Monitoring Site M-N1 at 1544 cd/m^2. The measured maximum luminance is High Luminance (greater than 300 cd/m^2) at all five monitoring sites.

The calculated contrast ratio (maximum luminance / average luminance) varies from a minimum of 11.1 to 1 at Monitoring Site M-E1 to a maximum of 17.8 to 1 at Monitoring Site M-S1. The calculated existing contrast ratio at all five Monitoring Site locations is medium contrast (less than 30 to 1, and greater than 10 to 1).

Table 3: Measured Luminance, (cd/m^2) at Monitoring Sites

Monitoring Site	Luminance (cd/m^2)		Contrast Ratio (Max / Average)	Location	Evaluation
	Average	Maximum			
M-E1	257	2864	11.1	1033 Carol Drive	Medium average luminance, High maximum luminance, medium contrast
M-N1	131	1544	11.8	1112 Cory Avenue	Medium average luminance, high maximum luminance, medium contrast
M-N2	255	4031	15.8	1245 North Doheny Drive	Medium average luminance, high maximum luminance, medium contrast
M-W1	133	1918	14.4	9233 Doheny Road	Medium average luminance, high maximum luminance, medium contrast
M-S1	189	3361	17.8	1024 Corey Avenue	Medium average luminance, high maximum luminance, medium contrast

a. Monitoring Site M-E1:

Monitoring Site M-E1 is located adjacent to 1033 Carol Drive at the west side of the Carol Street right of way, to evaluate the Project east elevations and east facing signs. The distance to the Project property line is approximately 104 feet, and the distance to the Project east exterior sign face is approximately 165 feet.



Figure 6: M-E1 February 2, 2021, 11:25 am.



Figure 7: M-E1 February 15, 2021, 8:38 pm.

b. Monitoring Site M-N1:

Monitoring Site M-N1 is located adjacent to the north Project property line, adjacent to the 1112 Cory Avenue, to evaluate the Project north elevations and north facing signs. The distance to the Project property line is approximately 215 feet, and the distance to the Project north exterior sign face is approximately 215 feet.



Figure 8: M-N1 February 16, 2021, 11:00 am.

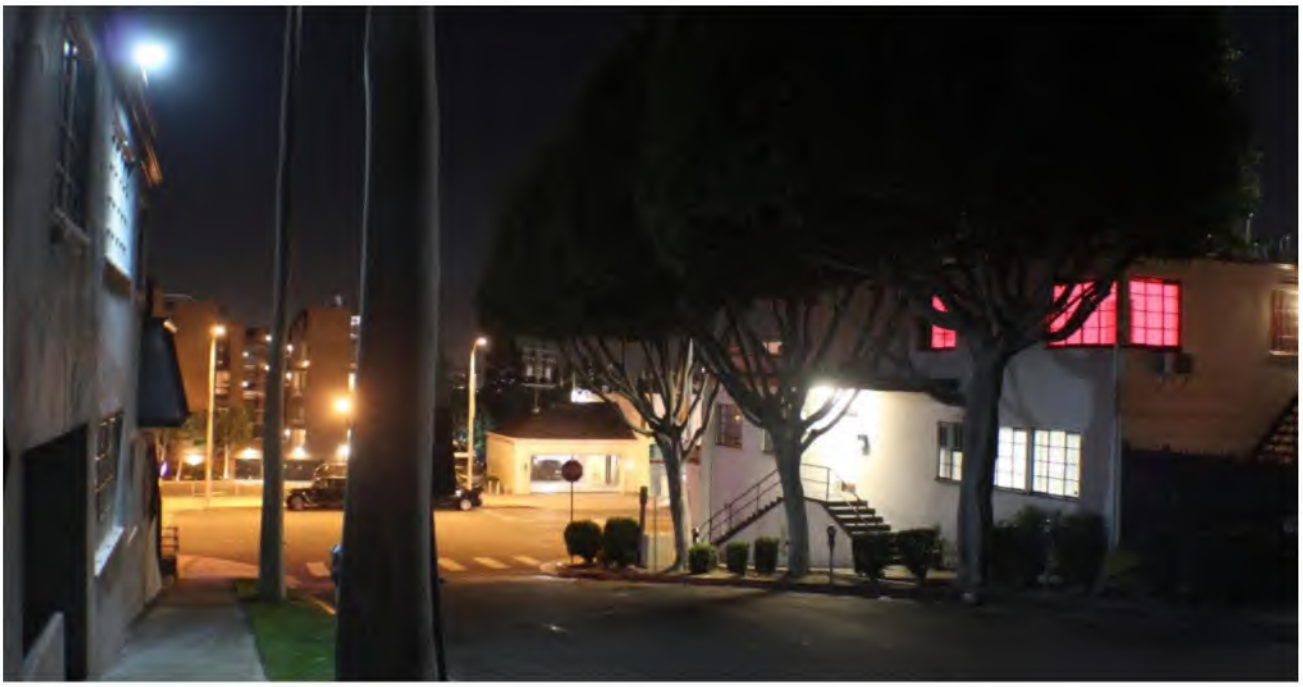


Figure 9: M-N1 February 15, 2021, 8:50 pm.

c. Monitoring Site M-N2:

Monitoring Site M-N2 is located adjacent to the north Project property line, adjacent to the 1245 North Doheny Drive, to evaluate the Project north elevations and north facing signs. The distance to the Project property line is approximately 930 feet, and the distance to the Project north exterior sign face is approximately 930 feet.



Figure 10: M-N2 February 3, 2021, 11:50 am.

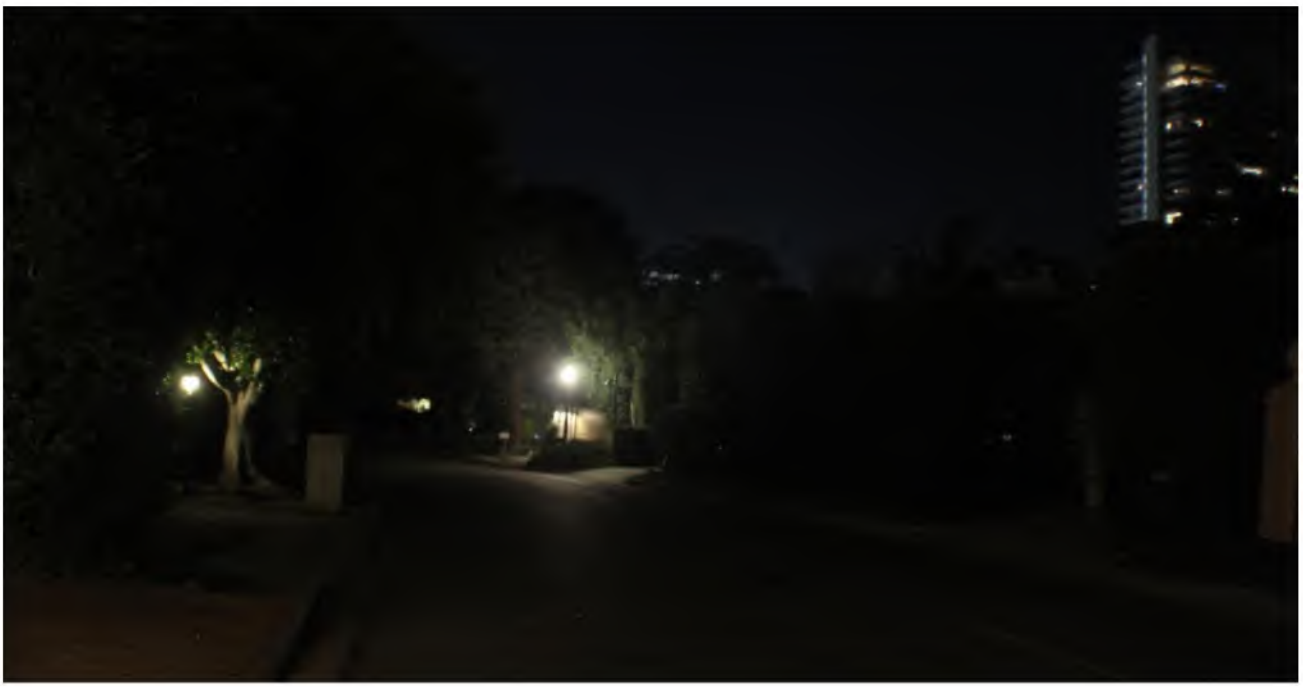


Figure 11: M-N2 February 15, 2021, 9:09 pm.

d. Monitoring Site M-W1:

Monitoring Site M-W1 is located adjacent to the east property line of 9233 Doheny Road, at the west sidewalk of Sunset Hills Road, to evaluate the Project west elevation and west facing signs. The distance to the Project property line is approximately 375 feet, and the distance to the Project west exterior sign face is approximately 375 feet.



Figure 12: M-W1 February 16, 2021, 11:30 am.



Figure 13: M-W1 February 15, 2021, 8:59 pm.

e. Monitoring Site M-S1:

Monitoring Site M-S1 is located adjacent to the north property line of 1024 Corey Ave., at the east sidewalk of Corey Ave. This site is at the south property line. There are no signs on the south side of the project.



Figure 14: M-S1 February 22, 2021, 11:30 am.



Figure 15: M-S1 February 24, 2021, 8:00 pm.

8. The Project Analysis

The Project would introduce a new illuminated Sign as described in Section 2 and depicted in Appendix A. Future proposed Project may cause Light trespass or Glare with respect to the following variables:

- The Project Signs increase light toward an adjacent sensitive use property and are close enough (immediately adjacent to or less than 1000 feet away) to create substantial Light trespass illuminance at a residential property line or other sensitive site.
- The light source surface area is large enough to create substantial Light trespass illuminance at an adjacent residential property line or other sensitive site.
- The light source surface is bright enough to create Glare, or high contrast conditions, when the light source surface luminance or sign luminance is compared to the surrounding surface luminance.

The following criteria are used to evaluate the Project impacts from the Project Signs with respect to Light trespass:

- Project Signs Light trespass illuminance must be less than 1.4 fc at residential zoned property lines adjacent to Sunset Boulevard.
- The Project Signs Light trespass illuminance must be less than 0.74 fc at residential zoned property lines beyond 250 feet from Sunset Boulevard and/or within the City of Los Angeles or Beverly Hills.

The following criteria are used to evaluate the Project impacts from the Project Signs with respect to Glare:

- Project Signs Luminance visible from residential properties must be less than high contrast conditions, less than 30 to 1 contrast ratios (Project Sign maximum luminance to Average Measured luminance).

9. Project Sign Analysis

The Project Sign location and size is identified in detail within the Appendix A, and evaluated with all sign surfaces operating simultaneously at maximum luminance of 300 cd/m^2, all white, at night, and 6000 cd/m^2, all white, during the day. The Project Sign will not operate in this manner in practice. However, this analysis represents a conservative evaluation of the Project Sign's potential for offsite light trespass Illuminance and glare.

Specifically, the proposed Project Sign would conform to the requirements stipulated in the WEHO Policy, and evaluated under the performance requirements stipulated therein.

9.1 Project Sign Light Trespass Illuminance Analysis

The Project Sign light trespass analysis evaluates the illuminance (fc) from the Project Signs leaving the Project site toward adjacent residential use or other sensitive use properties. The Project Signs include the signs as defined in and as illustrated in the Project Concept Sign Plan in Appendix A. Table 4 summarizes the Signlight trespass illuminance calculation data at the vertical plane locations illustrated in Figure 4, which are located at the nearest sensitive use properties as defined by the WEHO Policy. Complete calculated data is presented in Appendix J.

The Project Sign maximum calculated illuminance in Table 4 varies from a minimum of 0.00 fc at vertical plane VP-E1 to a maximum of 1.00 fc at vertical plane VP-N1.

Table 4: Sign Trespass Illuminance (fc), WHMC at 300 cd/m^2

Vertical Plane	Illuminance (fc)			Analysis (1.4 fc threshold)
	Max	Min	Avg	
VP-E1	0.00	0.00	0.00	Less than threshold
VP-E2	0.10	0.00	0.04	Less than threshold
VP-E3	0.30	0.00	0.09	Less than threshold
VP-N1	1.00	0.00	0.71	Less than threshold
VP-N2	0.50	0.00	0.22	Less than threshold
VP-N3	0.10	0.00	0.03	Less than threshold
VP-N4	0.30	0.00	0.03	Less than threshold
VP-S1	0.20	0.00	0.04	Less than threshold
VP-S2	0.10	0.00	0.06	Less than threshold
VP-S3	0.10	0.00	0.01	Less than threshold
VP-W1	0.30	0.00	0.11	Less than threshold

Furthermore, the Project Sign light trespass analysis evaluates the illuminance (fc) from the Project Sign leaving the Project site toward residential use or other sensitive use properties more than 250 feet from Sunset Boulevard at the lower threshould of 0.74 fc , which applies to all urban areas in the cities of West Hollywood, Los Angeles, and Beverly Hills. The Project Sign is defined and as illustrated in the Project Concept Sign Plan in Appendix A. Table 5 summarizes the Sign light trespass illuminance calculation data at the vertical planes VP-N5 and VP-N6 illustrated in Figure 16, which are within the City of Los Angeles and located approximately 250 feet north of Sunset Boulevard. Complete calculated data is presented in Appendix J.

Table 5: Sign Trespass Illuminance (fc), CALGreen at 300 cd/m^2

Vertical Plane	Illuminance (fc)			Analysis (0.74 fc threshold)
	Max	Min	Avg	
VP-N5	0.40	0.00	0.34	Less than threshold
VP-N6	0.40	0.00	0.22	Less than threshold



Figure 16: Calculation Planes, CALGreen

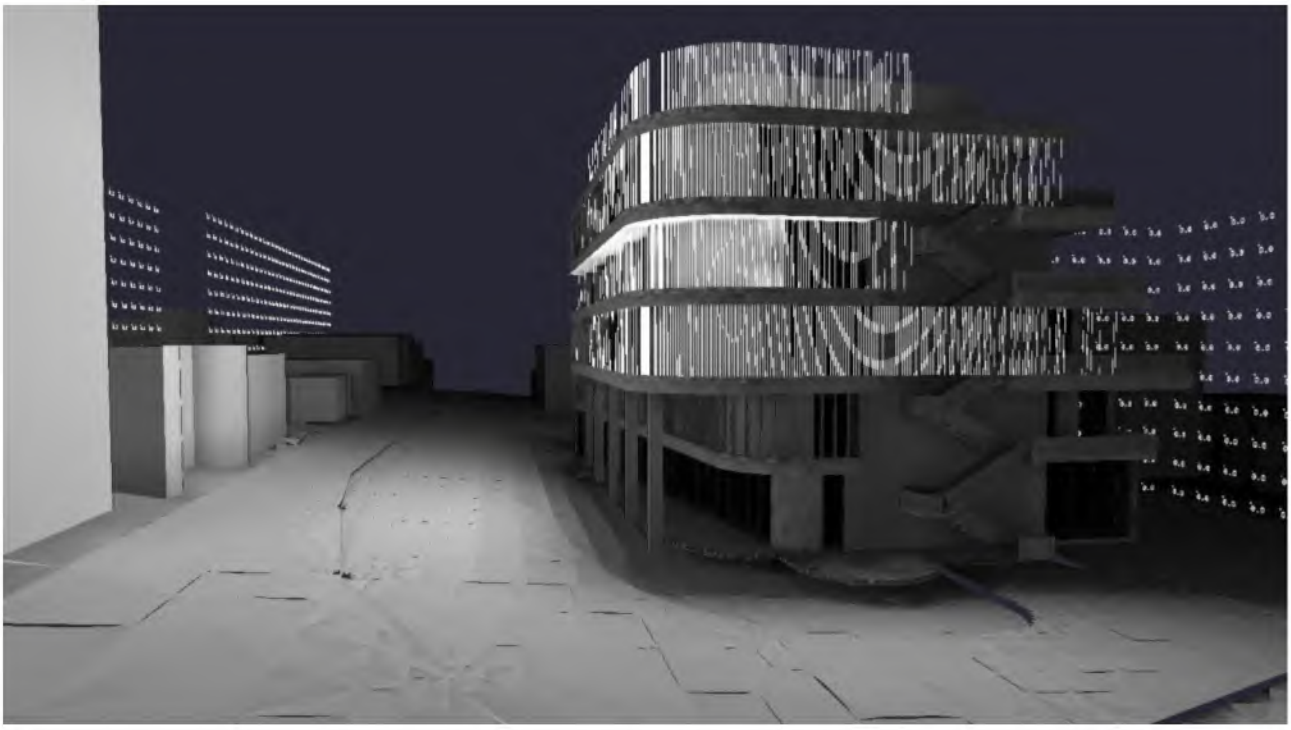


Figure 17: Illuminance Calculation Rendered Sunset Blvd. View East, data above 1.4 fc appear in red text

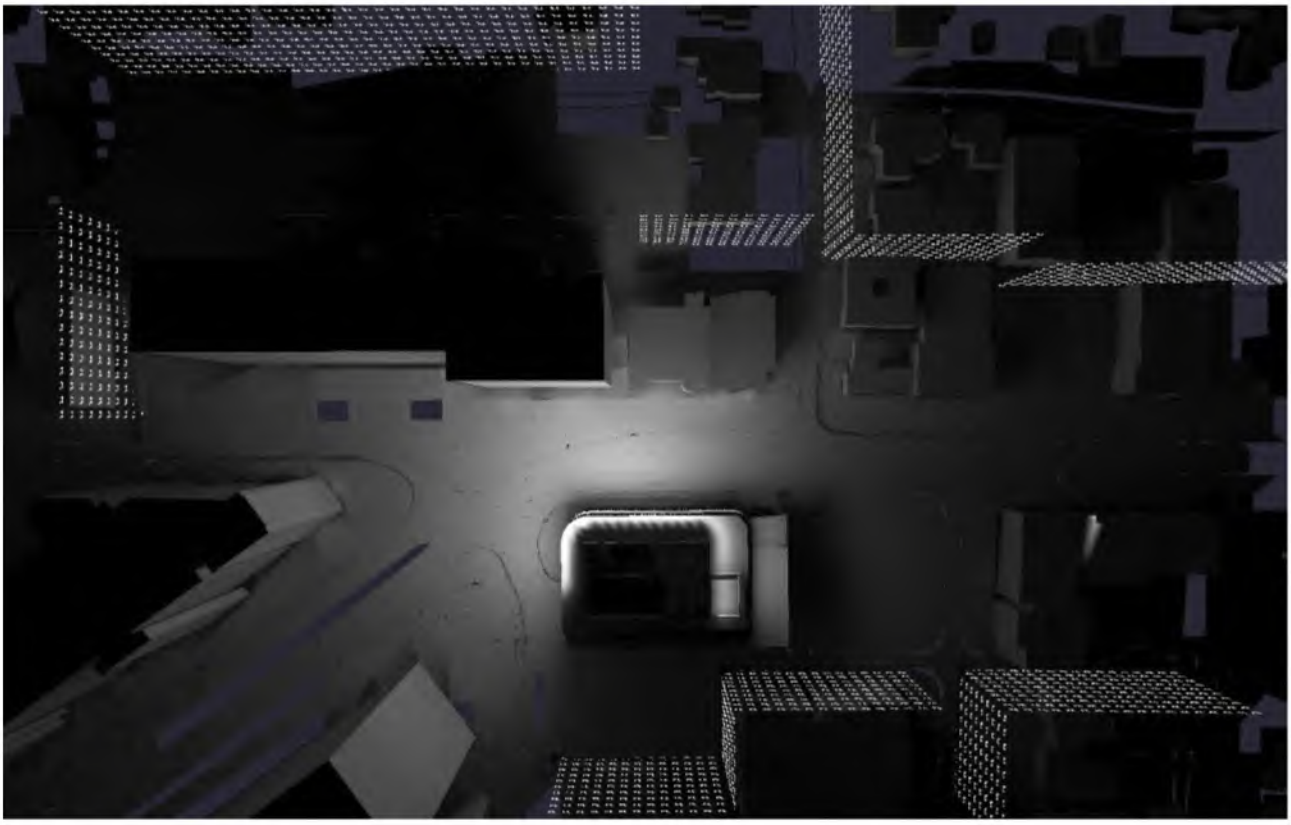


Figure 18: Illuminance Calculation Rendered Plan View, data above 1.4 fc appear in red text

9.2 Project Sign Glare Analysis

Glare from Sign lighting occurs when the light source is visible against a dark background, such as a dark sky. The maximum source brightness is determined by the rated source luminance. For this Study, the maximum nighttime sign luminance is 300 cd/m^2. The measured existing luminance is summarized in Table 3 in Section 7 above. Table 6 summarizes the contrast ratio calculated for the Project Sign maximum night luminance versus the average existing measured luminance in Table 3 at each Monitoring Site.

Table 6: Contrast Ratio: comparison of existing measured to Project Signs @ 300 cd/m^2

Monitoring Site	Existing Measured Luminance		Project Sign Luminance		Evaluation
	Average	Maximum	Max	Contrast Ratio	
M-E1	257.2	2864.0	300	1.2	Low Contrast, no Glare
M-N1	131.3	1544.0	300	2.3	Low Contrast, no Glare
M-N2	255.9	4031.0	300	1.2	Low Contrast, no Glare
M-W1	133.0	1918.0	300	2.3	Low Contrast, no Glare
M-S1	188.8	3361.0	300	1.6	Low Contrast, no Glare

The contrast ratio is less than 10 to 1 at all five Monitoring Site locations, which is Low Contrast and indicates no glare. All five Monitoring Sites are near the Project Site and have potential direct view of the Project Sign. The Low Contrast, no glare evaluation at all five Monitoring Sites indicates the Project Sign will not present a glare condition for sensitive sites more distant from the Project than the Monitoring Sites.

9.3 Sign Glare Analysis for Roadways

The lighting impact to driver's visibility from the Project Sign is evaluated by way of the methodology defined above at the locations where lighting is under review. As summarized below, the results of this evaluation demonstrate the light impacts resulting from the Project Sign at the locations where light is under review are below the significance threshold for excessive luminance, or glare, during night, twilight (sunrise/sunset), and day. The Project meets the California Vehicle Code standard for roadways approaching the Project from all directions.

The Glare analysis of the Project Sign during night assumes use of the Sign on full white at the maximum luminance of 300 cd/m^2 and compares the resulting luminance to the most stringent requirements of the California Vehicle Code to determine if the Project Sign introduces a source of distracting glare to drivers. The most stringent condition identified within the California Vehicle Code Section 21466.5, states: "except that when the minimum measured brightness in the field of view is 10 footlamberts or less, the measured brightness of the light source in footlamberts (fL) shall not exceed 500 plus 100 times the angle, in roadway degrees, between the driver's field of view and the light source." Thus, a conservative evaluation, occurs where the Project Sign is visible within the centerline of the driver's field of view, the angle noted above within the field of view is 0, the surrounding surface luminance is less than 10 fL, and therefore the

maximum allowable luminance is 500 fL. Therefore, the most conservative condition at night evaluates Project Sign against a threshold for luminance of a maximum 500 fL.

A measured brightness within the driver's field of view of less than 10 fL may occur at night. The Project Sign is evaluated with a maximum luminance of 300 cd/m^2. Calculating the equivalent Project sign luminance by converting to english units from metric units: 300 cd/m^2 equals 87.6 fL. The Project Sign will not exceed 87.6 fL, which is 17.5% of the 500 fL maximum, the most conservative limit stipulated by the California Vehicle Code for conditions where the minimum brightness in the driver's field of view is less than 10 fL.

When the sign is located beyond the driver's 10 degree field of view the maximum luminance is permitted to increase under the California Vehicle Code. For example, signs located 15 degrees from the centerline of the driver's field of view would be limited to a maximum of 1,000 fL (500 fL plus 100 times the angle (5 degrees) = 1,000 fL). All Project illuminated signs will operate at maximum of 87.6 fL at night, or less than approximately 8.8% of the maximum allowed by the California Vehicle code for those locations at 15 degrees from the center of the driver's field of view. Therefore, at night the Project Sign beyond the drivers 10 degree field of view will not exceed the 1000 fL threshold and will not introduce a new source of glare as defined by the California Vehicle Code Section 21466.5.

The Project Sign is also evaluated during twilight (the transition period from day to night, from 20 minutes before sunset until sunset, and from 20 minutes before sunrise, and thereafter. Sunlight increases gradually from the minimum brightness before sunrise at approximately 45 to 50 minutes before sunrise (dawn) to maximum brightness at mid-day, and then decreases gradually to the minimum brightness at 45 to 50 minutes after sunset. Therefore, the minimum ambient luminance occurs between sunset and sunrise. However, in order to analyze the most conservative, low level sunlight conditions, this analysis adjusts the time frame for the minimum ambient luminance condition of 10 fL to sunset and until sunrise, extending the duration of night. At sunset the ambient sunlight will be greater than the minimum values during the night, and at 20 minutes before sunrise the luminance will also be greater than the minimum at night. At sunset, the minimum luminance values within the driver's field of view will be above the minimum nighttime values (10fL) due to the light from the setting sun. However, to maintain a conservative analysis, this evaluation assumes the minimum luminance within the driver's field of view will be less than 10 fL from sunset until 20 minutes before sunrise. Therefore, the maximum luminance threshold during this time will remain at 500 fL as noted above in the evaluation of the night threshold. The maximum sign luminance of 500 fL converting to metric units equals 1579 cd/m^2.

The Project Sign is designed to operate at 300 cd/m^2 (87.6 fL) maximum luminance, from sunset to 20 minutes before sunrise. At 20 minutes before sunset the Project Sign is specified to begin transition from the maximum daytime luminance of 6,000 cd/m^2 to the maximum nighttime luminance of 300 candelas/m^2. This transition must be completed no later than sunset to avoid potential high contrast, glare conditions. Similarly, the Project Sign is specified to transition from the night maximum luminance of 300 cd/m^2 to the day maximum luminance of 6,000 cd/m^2, beginning no earlier than 20 minutes before sunrise.

Therefore, the Project Sign will not exceed 300 cd/m^2 for the period beginning at sunset until sunrise. The Project Sign remains limited to the 300 cd/m^2 (87.6 fL) maximum luminance value, from sunset to 20 minutes before sunrise. Therefore, at sunset and until 20 minutes before sunrise, the Project Sign will not exceed the threshold of 500 fL, and will therefore not introduce a new source of Glare.

The evaluation of the Project Sign during the day (sunrise until 20 minutes before sunset) compares the daytime, ambient brightness to the maximum sign brightness stipulated by the California Vehicle Code during full sun conditions and overcast sky conditions. The California Vehicle Code, Section 21466.5 above permits the Project sign to "generate light intensity levels greater than 1,000 times the minimum measured brightness in the driver's field of view, except when the minimum values are less than 10 (fL)."

During the day (after sunrise until 20 minutes before sunset) sunlight with clear sky conditions or light overcast conditions provides sufficient illuminance to generate surface brightness greater than 10 fL and up to 1200 fL on the least reflective

surfaces, such as roadway pavement. Utilizing the value of 10 fL as the minimum within the driver's field of view, the maximum allowable brightness would be 1,000 times 10 fL, or 10,000 fL. The WEHO Policy requires that the Project illuminated signs not exceed 6,000 cd/m^2 (1750 fL) during the daytime hours of operation, and Project Sign will therefore operate at less than 17.5% of the maximum luminance stipulated by the California Vehicle Code. Therefore, the Project Sign will not create a new source of glare during daytime hours of operation with clear sky or light overcast conditions.

Severe storms, heavy cloud cover, or other atmospheric conditions may occur during the day, which may cause the minimum brightness within the driver's field of view to be less than 10 fL The Project Sign includes an electronic control system to reduce the sign luminance from 6,000 cd/m^2 (1,750 fL) to 300 candelas/m^2 (87.6 fL) maximum when the ambient sun light falls to illuminance values similar to night, less than 100 fc. During the day, when storms, cloud cover, or other low ambient sunlight conditions occur and when the ambient sunlight is less than 100 fc, the Project Sign will transition from the daytime 6,000 cd/m^2 (1,750 fL) to 300 candelas/m^2 (87.6 fL) maximum, and thereby ensure that the sign brightness remains less than the maximum brightness stipulated by the California Vehicle Code. Therefore, the Project Sign will not create a new source of glare during daytime periods with storm or severe overcast weather conditions.

The Project Sign is designed to not exceed 300 candelas/m2 (87.6 fL) luminance at night or during overcast sky conditions and will not exceed 6,000 cd/m2 (1,750 fL) during the day. The luminance is less than the California Vehicle Code standard, including 17.5% of the maximum allowable luminance identified as the threshold for glare during the day, therefore the Project Sign will not create a new source of Glare.

10. Conclusions

The Project proposes to install an illuminated Sign while minimizing light trespass and glare to neighboring sensitive use properties through design features that comply with the following:

Project Sign light trespass illuminance will be less than 1.4 fc at all adjacent residential use properties located within or adjacent to the Sunset Strip Specific Plan City of West Hollywood as stipulated by the WEHO Policy. Furthermore, the Project Sign light trespass illuminance will be less than 0.74 fc at all residential use properties located more than 250 feet from Sunset Boulevard, within the City of West Hollywood, the City of Los Angeles, and or the City of Beverly Hills.

The Project Sign will be less than high contrast conditions with a maximum sign luminance of 300 cd/m^2 at night and during sunset, sunrise, and overcast conditions, and will not create Glare at residential, sensitive sites, or roadway sites.

The Project Sign will be less than high contrast conditions with maximum sign luminance of 6,000 cd/m^2 during daytime and will not create glare at residential, sensitive sites, or roadway sites.

The Project Sign will be controlled by a time clock and photocell to transition smoothly from the maximum daytime luminance of 6,000 cd/m^2 to the maximum nighttime luminance of 300 cd/m^2, beginning at 20 minutes prior to sunset and completed no later than sunset to avoid potential high contrast, glare conditions. Similarly, the Project Sign will transition from the night maximum luminance of 300 cd/m^2 to the day maximum luminance of 6,000 cd/m^2, beginning no earlier than 20 minutes before sunrise and concluding after sunrise.

This analysis accurately evaluates the potential for the Project Sign to create a new source of light trespass and or glare at adjacent residential properties. The Project Sign locations, types, dimensions, and maximum luminance are as described by the Sign Concept Plan in Appendix A and are evaluated with the sign operating at maximum luminance at night of 300 cd/m^2, all white. The Project Sign will not operate in this manner in practice. As such, this analysis represents a conservative evaluation of the proposed Project's Sign potential for off-site light trespass, and glare.

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DRAFT

ENTITLEMENT SUBMITTAL
DECEMBER 04, 2020



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The John Buck Company
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West Hollywood
California 90069

Gensler

DRAFT

NOT FOR CONSTRUCTION

Sunset Jewel Box

05.2543.000

PERSPECTIVE RENDERING - SUNSET BLVD

A0.20



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9176 Sunset Blvd
West Hollywood
California 90069

Gensler

DRAFT

NOT FOR CONSTRUCTION

Sunset Jewel Box

05.2543.000

PERSPECTIVE RENDERING - SUNSET BLVD

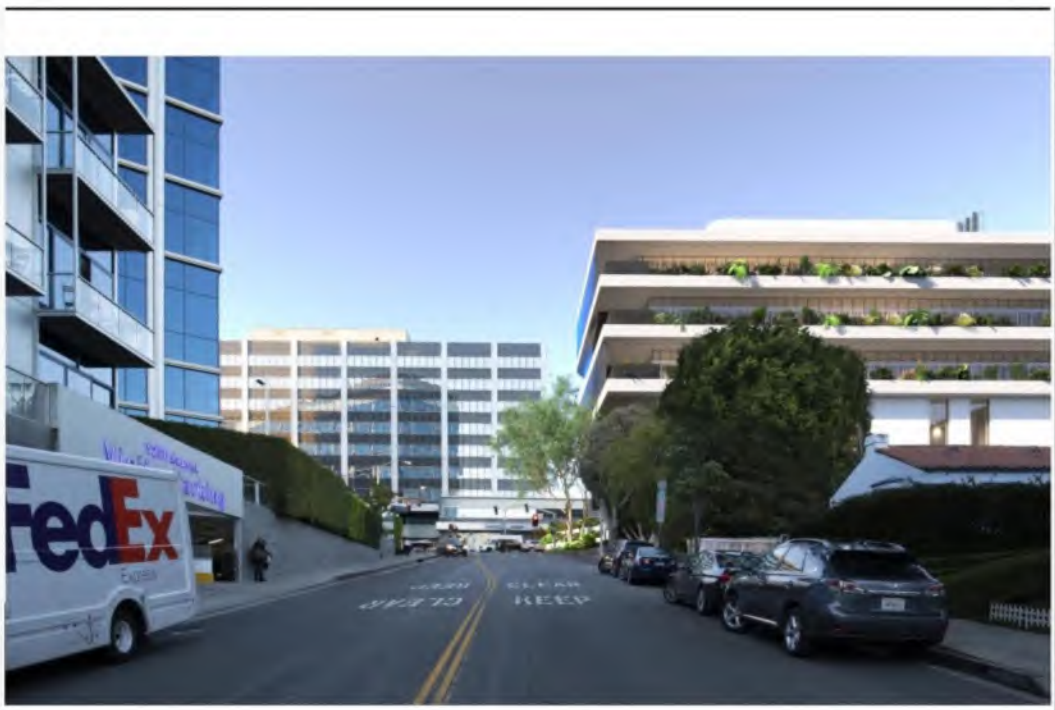
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PERSPECTIVE RENDERING - SUNSET BLVD



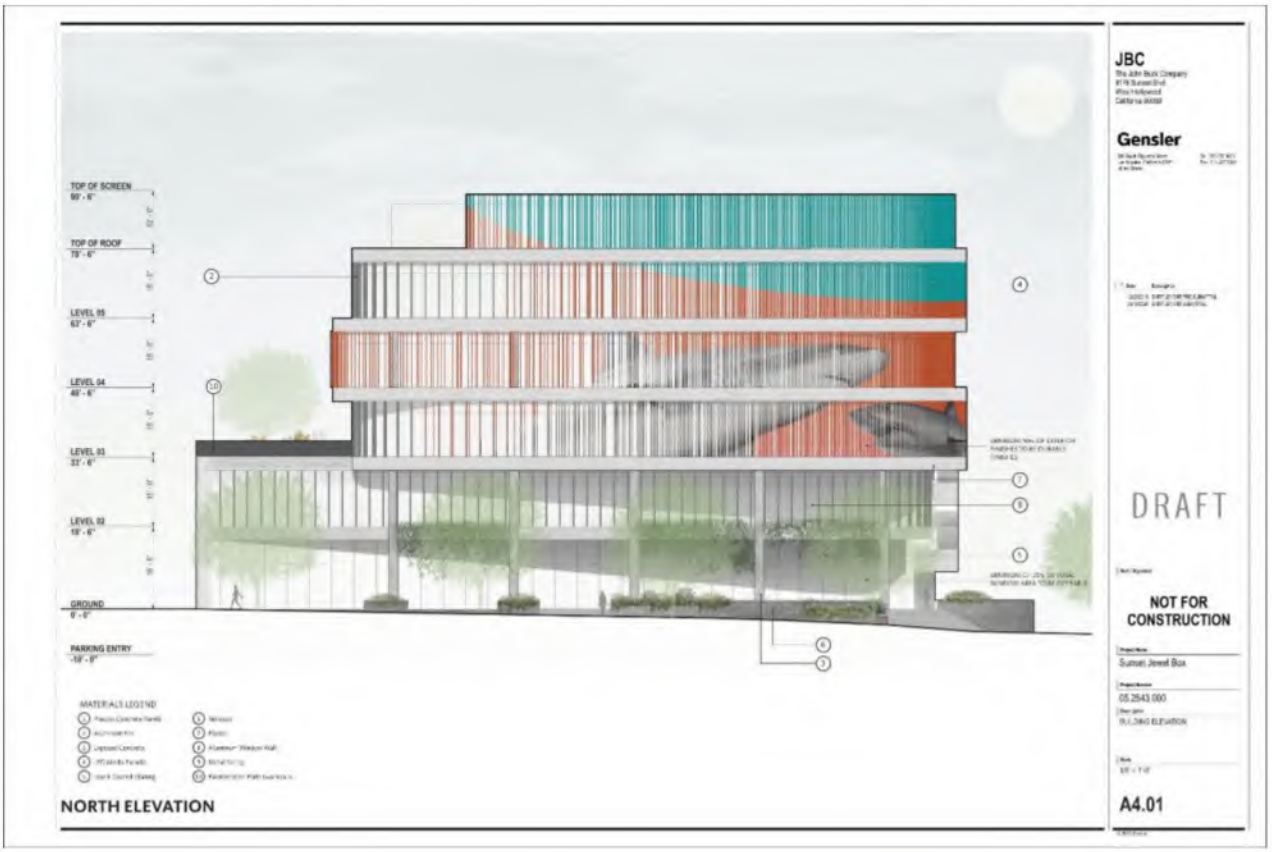
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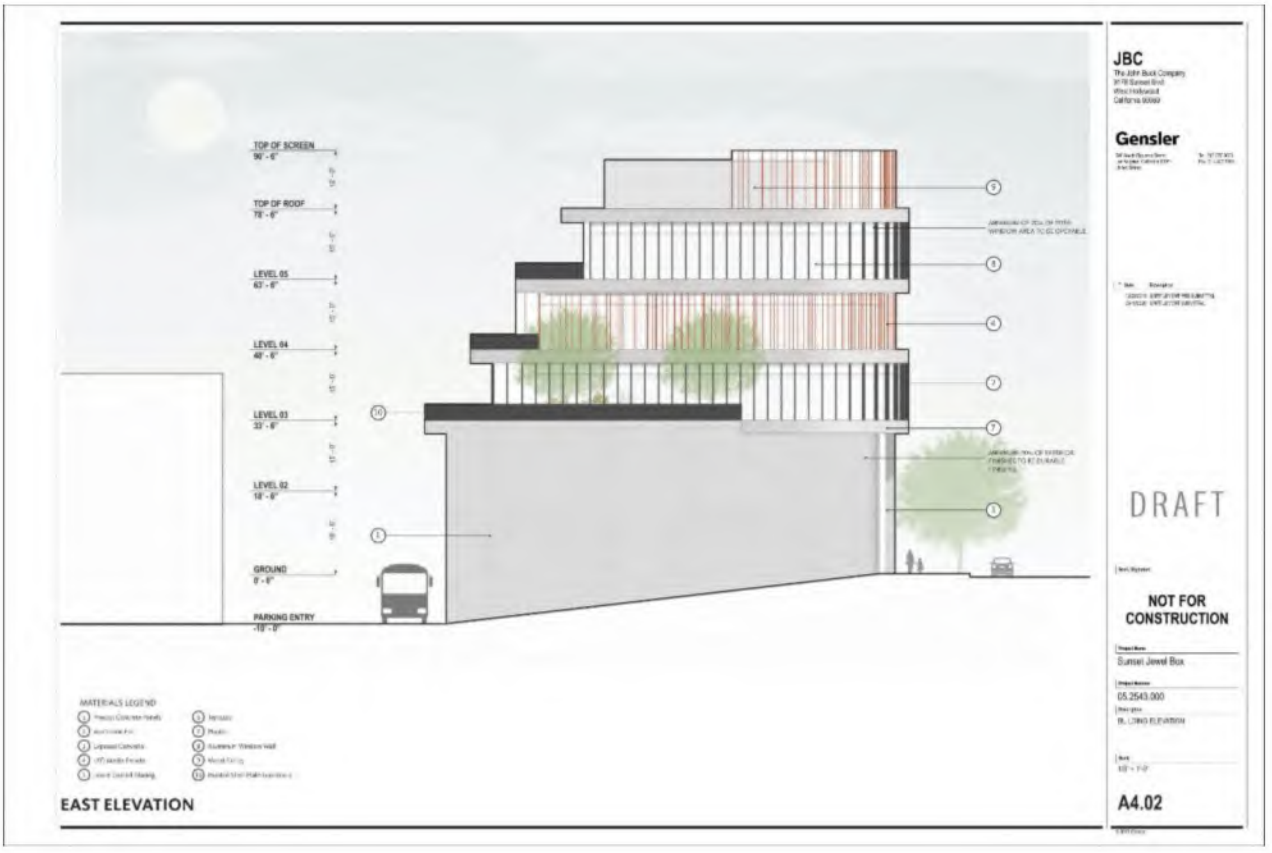


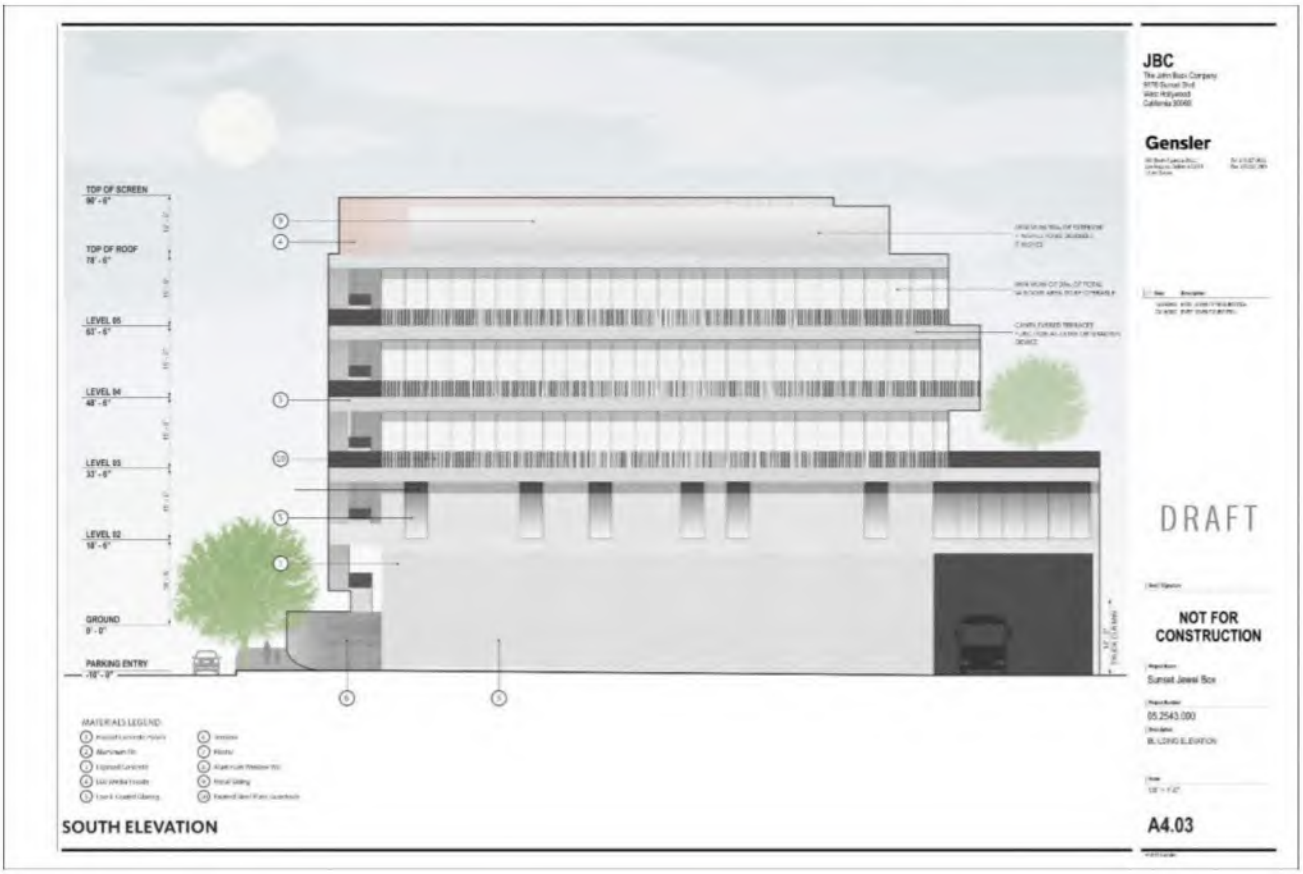
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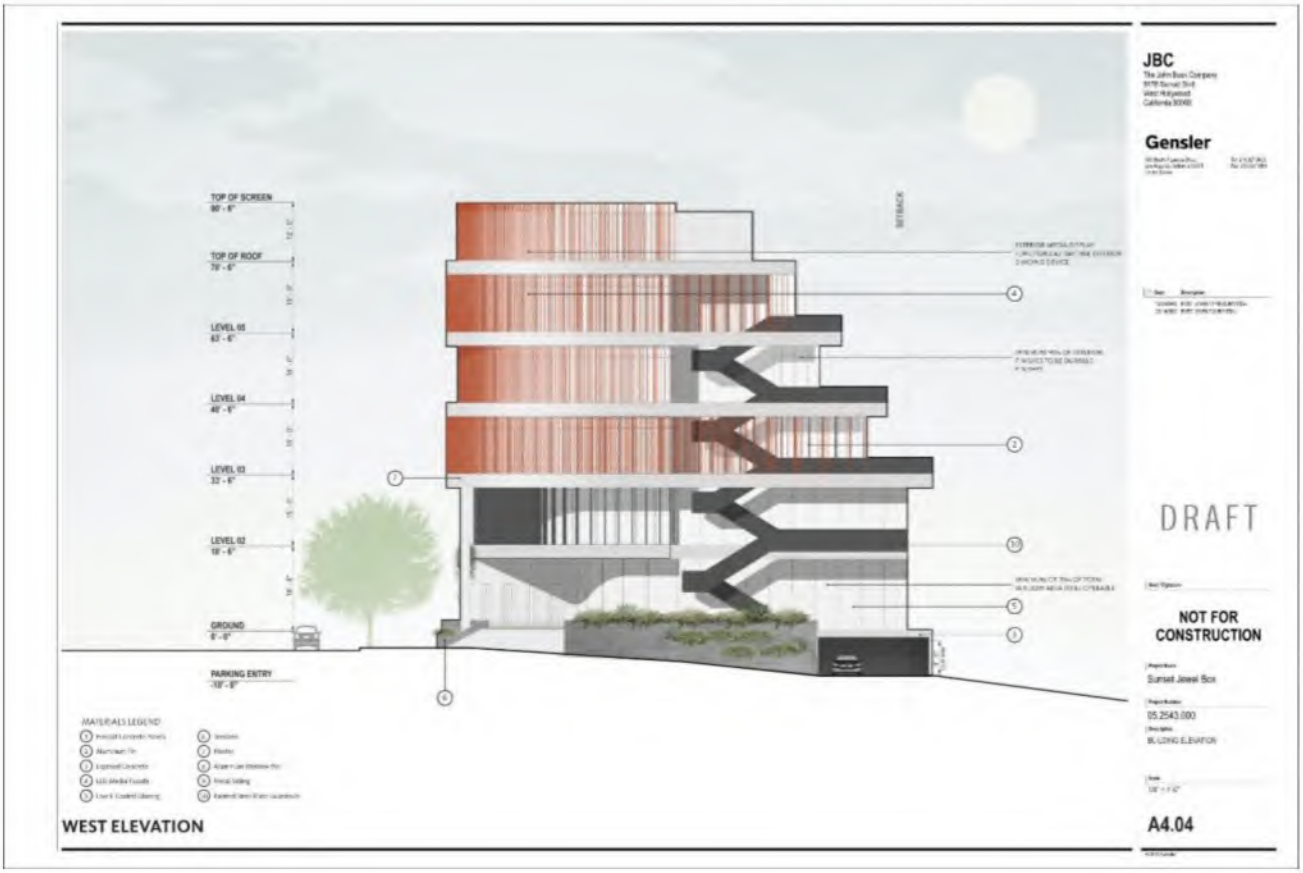


INTERIOR RENDERING


JBC
Gensler
TOP OF SCREEN
90' - 6"
TOP OF ROOF
78' - 6"
LEVEL 05
67' - 6"
LEVEL 04
46' - 6"
LEVEL 03
27' - 6"
LEVEL 02
16' - 6"
GROUND
0' - 0"
PARKING ENTRY
-10' - 0"
MATERIALS LEGEND
DRAFT
NOT FOR CONSTRUCTION
Sunset Jewel Box
05.2543.000
NORTH ELEVATION
A4.01


JBC
Gensler
TOP OF SCREEN
90' - 6"
TOP OF ROOF
78' - 6"
LEVEL 05
67' - 6"
LEVEL 04
46' - 6"
LEVEL 03
27' - 6"
LEVEL 02
16' - 6"
GROUND
0' - 0"
PARKING ENTRY
-10' - 0"
MATERIALS LEGEND
DRAFT
NOT FOR CONSTRUCTION
Sunset Jewel Box
05.2543.000
EAST ELEVATION
A4.02


JBC
Gensler
DRAFT
NOT FOR CONSTRUCTION
Sunset Jewel Box
05.2543.000
A4.03
SOUTH ELEVATION


JBC
Gensler
DRAFT
NOT FOR CONSTRUCTION
Sunset Jewel Box
05.2543.000
A4.04
WEST ELEVATION

APPENDIX B: **City of West Hollywood Ordinance No. 19-1063, Attachment A, pgs. 13, 14, 15**

5. **Lighting and Operational Standards.** All new or modified off-site advertising signs, architectural lighting, and temporary displays shall comply with the following luminance and operational standards.
    a. Hours of Operation: All digital billboards shall meet the following limits for time of day and ambient lighting conditions:
        i. Sign luminance shall change during each day on the following schedule:
            1. Daytime: From sunrise until 20 minutes prior to sunset, luminance shall not exceed 6,000 candelas per meter squared. Any portions of signs that are less than 10' above adjacent side shall not exceed 2,400 candelas.
            2. Evening: From sunset until 20 minutes prior to sunrise Luminance shall not exceed 300 candelas per meter squared.
            3. After Hours: From 2:00 am until sunrise, no animated content or moving patterns shall be permitted.
    b. Illuminance
        i. Illuminance from signs or architectural lights shall not exceed 1.4 foot candles at any adjacent residential zoned property line.
    c. Digital Sign Control and Transitions.
        i. Sign luminance shall transition smoothly between the hours of operation limits above over a time period of no less than 20 minutes. All transitions shall be completed so that the maximum allowable luminance is achieved by the stated time listed above.
        ii. When ambient sunlight illuminance during daytime is less than 100 foot candles for more than one (1) hour, the digital billboard should transition at a smooth rate of change from the daytime luminance level permitted above to the evening luminance level permitted at a suggested rate of no less than 20 minutes.
        iii. Each image displayed on a digital billboard shall not be refreshed more often than once every 8 seconds.
        iv. Each image displayed on a digital billboard (i.e., each individual advertisement or artwork) shall fade in from the previous image over no less than one (1) second, and shall fade out over no less than one (1) second to the image of the immediately succeeding content.
    d. Visual Comfort and Contrast Control
        i. Digital billboards shall not incorporate driver interaction features.
        ii. No signs shall use colors or images that replicate or could be confused with traffic safety signage.
        iii. No signs shall use scrolling text.
        iv. Signs shall not use stroboscopic of flashing images which rapidly change direction, oscillate, flash or reverse in contrast.
        v. Animated content and moving images shall be designed specifically for the size and format of the digital billboard.
        vi. Animated content shall <u>not</u> exhibit
            1. Rapidly changing images shall use dissolves for transitions between static images, and between static and animated content;
            2. Sequences that result in visible brightness change over more than ten percent (10%) of the total display area at a greater rate than three (3) changes per second; or
            3. Edits at a rate of more than one (1) edit every three (3) seconds
    e. Renewable Energy Use.

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i. All new billboard operations shall utilize the highest available clean energy tier from the City's energy provider to the extent feasible.
ii. The incremental energy usage attributable to digital signs, as defined in 4.c, should be fully offset to the extent feasible through demonstrated improvement in the energy performance for new buildings or major renovations of existing buildings.

f. Audio. On site sound shall be allowed only during special events.
g. Monitoring
   i. All digital billboard operators shall submit a Lighting Monitoring Report to the Director upon installation, and at three year intervals thereafter to confirm conformance with the lighting requirements above. The report shall include:
      1. Digital billboard luminance measured in nits (candelas per square meter). Measurements shall be conducted at the property line of the digital billboard site, or in the nearest adjacent public right of way, perpendicular to the digital billboard sign face.
      2. Digital billboard sign illuminance measured in foot candles. Measurements shall be conducted perpendicular to the digital billboard sign face, at the property line containing the digital billboard, and at adjoining residential use property or properties. The illuminance meter shall be aimed toward the sign face from the measurement location.
      3. All measurements shall include both luminance and illuminance for three conditions:
         a. The sign off
         b. The sign illuminated with an image
         c. The sign illuminated using an all-white display
   ii. Complaints about lighting will be investigated by the City, and if determined necessary by the Director, the digital billboard operator shall provide an updated Lighting Monitoring Report within 72 hours of the notice from the City. The City shall reserve the right to conduct digital billboard lighting measurements. If the measured luminance and or illuminance exceed the data presented in operator's Lighting Monitoring Report, the findings of the City report shall prevail.

6. **Architectural Lighting.** Architectural lighting may be integrated into a building façade to enhance the architectural design of the building if the following requirements are met:

    a. Integral large scale architectural lighting, digital or otherwise, shall contain no commercial logos, images, or messages that may be interpreted as advertising.
    b. Architectural lighting shall not be counted towards permitted signage area, either on or off-site, and shall not be considered a billboard.
    c. Architectural lighting is subject to maximum allowable lighting levels of Section 5.
    d. Architectural lighting shall be designed and operated to minimize impact on adjacent buildings.

7. **Temporary Creative Billboards or Tall Walls.** Temporary modification to existing billboards or tall wall signs may be permitted in compliance with this section. The following regulations are intended to encourage creatively designed short-term installations that make a positive visual contribution to Sunset Boulevard and to the overall image of the city.

    a. **Approval Authority**. Temporary creative billboards and tall walls are subject to approval by the Director.
    b. **Time Limit.** The Director may approve the placement of a temporary creative billboard or tall wall for a maximum period of 12 months. One six-month time extension may be approved or denied by the Director and the temporary creative billboard or tall wall shall be removed immediately upon expiration. Certain types of physical extensions may be installed for a longer period, as allowed by state law.
    c. **Standards:** A temporary creative billboard or tall wall sign shall be designed and located in compliance with all of the following standards:

        i. The temporary creative billboard or tall wall sign shall alter an existing sign without changing its location. Any enlargement of the sign shall be designed as an integral part of the image and contribute to the overall creativity of its design.
        ii. The temporary creative billboard or tall wall sign shall be properly sited and well-integrated within the context of its surroundings.
        iii. Temporary creative billboard or tall wall shall be an inventive and original representation of the product or business being advertised.
        iv. The temporary creative billboard or tall wall sign shall exhibit one or more of the following elements:
            1. Three-dimensional props and extensions.
            2. Extensions with cut-out shapes or voids.
            3. Integrated thematic lighting such as neon, LED, images which change from day to night through lighting effects, projected light, video projections, or other emerging technologies.
            4. Moving or animated mechanical elements.
            5. Different day-time and night-time images.
            6. Hand-painted graphics or graphics crafted on-site.
            7. Alternative textures and materials, such as plants and vegetation.
            8. Live action.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. The existing lighting conditions along Sunset Boulevard include a variety of light sources that contribute to a brightly illuminated outdoor urban environment. The streets and sidewalks along Sunset Boulevard have a relatively high illumination consistent with the vehicular design standards for a high volume arterial street. The public right of way is surrounded on both north and south with commercial properties where parking lot lights and exterior building lighting is frequent. Within this well-illuminated context, lighted billboards and signs are prominent but are not excessively bright in comparison to their surroundings.

Additional lighting or lighting in new locations along the Sunset Strip could result in potential effects if new sources of light trespass were introduced and if the light trespass were to affect light-sensitive receptors such that daytime or nighttime views would become adversely affected. Light-sensitive receptors are generally considered residential properties, and also may include hotel, hospital or nursing home uses, where excessive light at night may impact the use of the property. Light trespass is measured in terms of illuminance in a unit of measurement called a "footcandle," which is the illuminance on a one-square-foot surface coming from a uniform source of light.

Along Sunset Boulevard, most residential properties are set back behind the commercial properties that front onto Sunset Boulevard. The slope to the north and south of Sunset Boulevard significantly affects the visibility of the signs from residential properties. To the north, the properties are typically situated well above the elevation of Sunset Boulevard, and in most locations, properties are well above the top elevation of illuminated signs. To the north of Sunset Boulevard, the ambient light levels at residential streets and properties are very low, so the light at these properties from signs on Sunset Boulevard may be more noticeable. However, most of the existing illuminated signs are located and directed such that there are few locations where signs project significant light trespass or glare. The distance from Sunset Strip properties to adjacent residential properties varies considerably. The properties within close proximity are generally 250 feet to 300 feet away from the existing signs on Sunset Boulevard. To the south of Sunset Boulevard, the residential properties are below the elevation of Sunset Boulevard and well below the elevation of the illuminated signs. Signs located on the south side of Sunset Boulevard have the potential to create light trespass and or glare due to the difference in elevation. However, most of the existing illuminated signs are located and directed such that there are few locations where signs project significant light trespass or glare.

The proposed project would change the existing lighting environment in the project area. Digital conversions would replace existing static illuminated signs with LED screens. Additionally, digital conversions may also involve reorientation of a billboard face from horizontal to vertical, which would change the surface area that is illuminated. Some billboards that are being converted to digital may also undergo one or more of the allowable standard modifications. Standard modifications (to either digital or static billboards) would not involve a substantial change in billboard illuminance light trespass; however, a reoriented billboard face, a billboard that undergoes a height or location adjustment, and the addition of a second face to a single-sided

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certifying organizations that ensures uniform application of the CRRC testing and rating procedures, labeling and rating, and such other rating procedures for other factors that improves the accuracy of properties of roofing products affecting energy performance as the CRRC and the Commission may adopt.

4. The entity shall require manufacturers and independent certifying organizations within its program to use only laboratories accredited by the supervisory entity to perform tests in accordance with CRRC-1.
5. The entity shall maintain appropriate guidelines for testing laboratories and manufacturers, including requirements for adequate:
   A. Possession and calibration of equipment;
   B. Education, competence, and training of personnel;
   C. Quality control;
   D. Record keeping and reporting;
   E. Periodic review including, but not limited to, blind testing by laboratories; inspections of products; and inspections of laboratories, and manufacturing facilities;
   F. Challenges to ratings; and
   G. Guidelines to maintain the integrity of the program, including, but not limited to, provisions to avoid conflicts of interest within the rating process.
6. The entity shall be a nonprofit organization and shall maintain reasonable, nondiscriminatory fee schedules for the services it provides, and shall make its fee schedules, the financial information on which fees are based, and financial statements available to its members for inspection.
7. The entity shall provide hearing processes that give laboratories, manufacturers and certifying agencies a fair review of decisions that adversely affect them.
8. The entity shall maintain a policy committee or similar body whose procedures are designed to avoid conflicts of interest in deciding appeals, resolving disputes and setting policy for the certifying organizations in its program.
9. The entity shall publish at least annually a directory of rated products and products that are no longer rated by the CRRC.
10. The entity itself shall be free from conflict-of-interest ties or to undue influence from any particular roofing product manufacturing interest(s), testing or independent certifying organization(s).
11. The entity shall provide or authorize the use of labels that can be used to meet the requirements for showing compliance with the requirements of Sections 140.1, 140.2, 140.3(a)1, 141.0(b)2B, 150.1(c)11, 150.2(b)1H and 150.2(b)2, and this section.
12. The entity's rating program shall allow for multiple participants in each aspect of the program to provide for competition between manufacturers and between testing labs.

Authority: Sections *25402 and* 25402.1, Public Resources Code.
Reference: Sections *25007, 25008, 25218.5, 25310,* 25402, 25402.1, *25402.4, 25402.5, 25402.8 and 25943,* Public Resources Code.

10-114. Determination of outdoor lighting zones and administrative rules for use. This section establishes rules for implementing outdoor lighting zones to show compliance with Section 140.7 of Title 24, California Code of Regulations, Part 6.

(a) **Lighting zones.** Exterior lighting allowances in California vary by Lighting Zones (LZ).

(b) **Lighting zone characteristics.** Table 10-114-A specifies the relative ambient illumination level and the statewide default location for each lighting zone.

(c) **Amending the lighting zone designation.** A local jurisdiction may officially adopt changes to the lighting zone designation of an area by following a public process that allows for formal public notification, review and comment about the proposed change. The local jurisdiction may determine areas where Lighting Zone 4 is applicable and may increase or decrease the lighting zones for areas that are in State Default Lighting Zones 1, 2 and 3, as specified in Table 10-114-A.

(d) **Commission notification, amended outdoor lighting zone designation.** Local jurisdictions who adopt changes to the State Default Lighting Zones shall notify the Commission by providing the following materials to the Executive Director:

1. A detailed specification of the boundaries of the adopted lighting zones, consisting of the county name, the city name if any, the zip code(s) of the redesignated areas, and a description of the physical boundaries within each zip code;
2. A description of the public process that was conducted in adopting the lighting zone changes; and
3. An explanation of how the adopted lighting zone changes are consistent with the specifications of Section 10-114.

(e) The Commission shall have the authority to not allow Lighting Zone changes which the Commission finds to be inconsistent with the specifications of Section 10-114.

Authority: Sections *25402 and* 25402.1, Public Resources Code.
Reference: Sections *25007, 25008, 25218.5, 25310,* 25402, 25402.1, *25402.4, 25402.5, 25402.8 and 25943,* Public Resources Code.

10-115 – Community shared solar electric generation system or community shared battery storage system compliance option for onsite solar electric generation or battery storage requirements.

(a) **Community shared solar electric generation system or battery storage system offset.** A community shared solar system, other community shared renewable system, community shared battery storage system, or combination of the aforementioned systems (hereinafter referred to as a community shared solar or battery stor-

INTERNATIONAL CODE COUNCIL
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age system) may be approved by the Commission as a compliance option to partially or totally meet the on-site solar electric generation system and/or battery storage system that is otherwise required by Section 150.1(b)1 of Title 24, California Code of Regulations, Part 6. To be approved, the community shared solar electric generation or community shared battery storage system shall meet the following requirements.

1. **Enforcement agency.** The community shared solar electric generation system and/or community shared battery storage system shall be installed and available for enforcement agency site inspection, no later than the point in time the enforcement agency must physically verify compliance of the building, which would otherwise be required to have an on-site solar electric generation and/or battery storage system, and shall not cause delay in the process of enforcement agency review and approval of that building. The enforcement agency shall have jurisdiction and facilitated access to make site inspections. All documentation for the community solar electric generation system and/or community solar battery storage system that is required to demonstrate compliance for the building shall be completed prior to building permit application.
2. **Energy performance.** The community shared solar electric generation system and/or community shared battery storage system shall be demonstrated to provide the same or better energy performance equal to the partial or total compliance with the energy performance of the on-site solar electric generation and/or battery storage system that would otherwise have been required for the building, computed by compliance software certified for use by the Commission.
3. **Dedicated building energy savings benefits.** The community shared solar electric generation system and/or community shared battery storage system shall provide energy saving benefits directly to the building that would otherwise have been required to have an on-site solar electric generation system and/or battery storage system. The energy savings benefits shall be allocated from the total resource of the community shared solar electric generation system and/or community shared battery storage system in a manner demonstrated to be equivalent to the reductions in

TABLE 10-114-A
LIGHTING ZONE CHARACTERISTICS AND RULES FOR AMENDMENTS BY LOCAL JURISDICTIONS

ZONE	AMBIENT ILLUMINATION	STATEWIDE DEFAULT LOCATION	MOVING UP TO HIGHER ZONES	MOVING DOWN TO LOWER ZONES
LZ0	Very Low	Undeveloped areas of government designated parks, recreation areas, and wildlife preserves.	Undeveloped areas of government designated parks, recreation areas, and wildlife preserves can be designated as LZ1 or LZ2 if they are contained within such a zone.	Not applicable.
LZ1	Low	Developed portion of government designated parks, recreation areas and wildlife preserves. Those that are wholly contained within a higher lighting zone may be considered by the local government as part of that lighting zone.	Developed portion of a government designated park, recreation area, or wildlife preserve, can be designated as LZ2 or LZ3 if they are contained within such a zone.	Not applicable.
LZ2	Moderate	Rural areas, as defined by the 2000 U.S. Census.	Special districts within a default LZ2 zone may be designated as LZ3 or LZ4 by a local jurisdiction. Examples include special commercial districts or areas with special security considerations located within a rural area.	Special districts and government designated parks within a default LZ2 zone may be designated as LZ1 by the local jurisdiction for lower illumination standards, without any size limits.
LZ3	Moderately High	Urban areas, as defined by the 2000 U.S. Census.	Special districts within a default LZ3 may be designated as LZ4 by local jurisdiction for high-intensity nighttime use, such as entertainment or commercial districts or areas with special security considerations requiring very high light levels.	Special districts and government designated parks within a default LZ3 zone may be designated as LZ1 or LZ2 by the local jurisdiction, without any size limits.
LZ4	High	None.	Not applicable.	Not applicable.

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energy consumption that would have resulted from the on-site solar electric generation system and/or battery storage system that is otherwise required by Section 150.1 of Title 24. The energy savings benefits allocated to the building shall be in the form of:

A. actual reductions in the energy consumption of the dedicated building;

B. utility energy reduction credits that will result in virtual reductions in the building's energy consumption that is subject to energy bill payments; or

C. payments to the building that will have an equivalent effect as energy bill reductions.

The reduction in the building's energy bill resulting from A, B, or C above shall be greater than the added cost to the building resulting from the building's share in the community shared solar or battery system.

4. **Durability.** The community shared solar electric generation system and/or community shared battery storage system shall be designed and installed to provide the energy savings benefits to the dedicated building specified in Section 10-115(a)3 for a period of no less than twenty (20) years.

5. **Additionality.** The community shared solar electric generation system and/or community shared battery storage system shall provide the energy savings benefits specified in Section 10-115(a)3 exclusively to the dedicated building. Those energy savings benefits shall in no way be attributed to other purposes or transferred to other buildings or property.

6. **Accountability and recordkeeping.** Applicants for Commission approval of community shared solar electric generation systems and/or community shared battery storage systems shall be accountable to all parties who relied on these systems for partial or total compliance with the on-site solar electric generation and/or battery storage system that would otherwise be required, including but not limited to builders of the buildings, owners of the buildings, enforcement agencies, and the Commission. Recordkeeping regarding compliance with the requirements in Sections 10-115(a)1–6 shall be maintained over the period of time specified in Section 10-115(a)4 for each building for which the community shared solar electric generation or battery storage system is used to demonstrate partial or total compliance. Access to these records shall be provided to any entity approved by the Commission for auditing compliance with these requirements.

(b) **Application for commission approval.** Any entity may apply to the Commission for approval to administer a community shared solar electric generation or community shared battery storage system to provide partial or total compliance with the on-site solar electric generation system and/or battery storage system required by Section 150.1 of Title 24, California Code of Regulations, Part 6. The application shall demonstrate to the Commission's satisfaction that each of the requirements specified in Section 10-115(a)1-6 will be met and shall include detailed explanation of the actions that will be taken by the applicant to ensure that each requirement is met over the period of time specified in Section 10-115(a)4 for each building for which a partial or total offset is used to demonstrate compliance. All applicants have the burden of proof to establish that their application should be granted. The Commission shall have the authority to not approve any application that the Commission determines to be inconsistent with the requirements of Section 10-115.

(c) **Commission approval.** Community shared solar electric generation systems and/or community shared battery storage systems, which demonstrate to the Commission's satisfaction that all of the requirements specified in Section 10-115 will be met, shall be approved.

Authority: Sections *25402 and* 25402.1, Public Resources Code.

Reference: Sections *25007, 25008, 25218.5, 25310,* 25402, 25402.1, *25402.4, 25402.5, 25402.8 and 25943,* Public Resources Code.

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APPENDIX E: **2019 California Energy Code, Section 140.7 Prescriptive Requirements for Outdoor Lighting**

TABLE 140.6-G
TAILORED METHOD GENERAL LIGHTING POWER ALLOWED –BY ILLUMANCE AND ROOM CAVITY RATIO

	GENERAL LIGHTING POWER DENSITY (W/FT²) FOR THE FOLLOWING RCR VALUES[b] VALUES[b]			
GENERAL ILLUMINANCE LEVEL (LUX)[a]	RCR ≤ 2.0	RCR > 2.0 AND ≤ 3.5	RCR > 3.5 AND ≤ 7.0	RCR > 7.0
150	0.40	0.45	0.60	0.75
200	0.45	0.55	0.75	1.00
300	0.65	0.80	1.00	1.40
400	0.75	0.95	1.25	1.50
500	0.90	1.05	1.45	1.85
600	1.08	1.24	1.64	2.38

a. Illuminance values from Column 2 of Table 140.6-D.
b. RCR values are calculated using applicable equations in Table 140.6-F.

Note: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, *Public Resources Code*. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, *Public Resources Code*.

SECTION 140.7 PRESCRIPTIVE REQUIREMENTS FOR OUTDOOR LIGHTING

(a) An outdoor lighting installation complies with this section if it meets the requirements in Subsections (b) and (c), and the actual outdoor lighting power installed is no greater than the allowed outdoor lighting power calculated under Subsection (d). The allowed outdoor lighting shall be calculated according to outdoor lighting zone in Title 24, Part 1, Section 10-114.

Exceptions to Section 140.7(a): When more than 50 percent of the light from a luminaire falls within one or more of the following applications, the lighting power for that luminaire shall be exempt from Section 140.7:

1. Temporary outdoor lighting.
2. Lighting required and regulated by the Federal Aviation Administration, and the Coast Guard.
3. Lighting for public streets, roadways, highways and traffic signage lighting, including lighting for driveway entrances occurring in the public right-of-way.
4. Lighting for sports and athletic fields, and children's playgrounds.
5. Lighting for industrial sites, including but not limited to, rail yards, maritime shipyards and docks, piers and marinas, chemical and petroleum processing plants, and aviation facilities.
6. Lighting of public monuments.
7. Lighting of signs complying with the requirements of Sections 130.3 and 140.8.
8. Lighting of tunnels, bridges, stairs, wheelchair elevator lifts for American with Disabilities Act (ADA) compliance, and ramps that are other than parking garage ramps.
9. Landscape lighting.
10. In theme parks: outdoor lighting only for themes and special effects.
11. Lighting for outdoor theatrical and other outdoor live performances, provided that these lighting systems are additions to area lighting systems and are controlled by a multiscene or theatrical cross-fade control station accessible only to authorized operators.
12. Outdoor lighting systems for qualified historic buildings, as defined in the *California Historic Building Code* (Title 24, Part 8), if they consist solely of historic lighting components or replicas of historic lighting components. If lighting systems for qualified historic buildings contain some historic lighting components or replicas of historic components, combined with other lighting components, only those historic or historic replica components are exempt. All other outdoor lighting systems for qualified historic buildings shall comply with Section 140.7.

(b) **Outdoor lighting power trade-offs.** Outdoor lighting power trade-offs shall be determined as follows:

1. Allowed lighting power determined according to Section 140.7(d)1 for general hardscape lighting allowance may be traded to specific applications in Section 140.7(d)2, provided the hardscape area from which the lighting power is traded continues to be illuminated in accordance with Section 140.7(d)1A.
2. Allowed lighting power determined according to Section 140.7(d)2 for additional lighting power allowances for specific applications shall not be traded between specific applications, or to hardscape lighting in Section 140.7(d)1.
3. Trading of lighting power allowances between outdoor and indoor areas shall not be permitted.

(c) **Calculation of actual lighting power.** The wattage of outdoor luminaires shall be determined in accordance with Section 130.0(c).

(d) **Calculation of allowed lighting power.** The allowed lighting power shall be the combined total of the sum of the

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general hardscape lighting allowance determined in accordance with Section 140.7(d)1, and the sum of the additional lighting power allowance for specific applications determined in accordance with Section 140.7(d)2.

1. **General hardscape lighting allowance.** Determine the general hardscape lighting power allowances as follows:
   A. The general hardscape area of a site shall include parking lot(s), roadway(s), driveway(s), sidewalk(s), walkway(s), bikeway(s), plaza(s), bridge(s), tunnel(s), and other improved area(s) that are illuminated. In plan view of the site, determine the illuminated hardscape area, which is defined as any hardscape area that is within a square pattern around each luminaire or pole that is ten times the luminaire mounting height with the luminaire in the middle of the pattern, less any areas that are within a building, beyond the hardscape area, beyond property lines or obstructed by a structure. The illuminated hardscape area shall include portions of planters and landscaped areas that are within the lighting application and are less than or equal to 10 feet wide in the short dimensions and are enclosed by hardscape or other improvement on at least three sides. Multiply the illuminated hardscape area by the area wattage allowance (AWA) from Table 140.7-A for the appropriate lighting zone.
   B. Determine the perimeter length of the general hardscape area. The total perimeter shall not include portions of hardscape that are not illuminated according to Section 140.7(d)1A. Multiply the hardscape perimeter by the linear wattage allowance (LWA) for hardscape from Table 140.7-A for the appropriate lighting zone. The perimeter length for hardscape around landscaped areas and permanent planters shall be determined as follows:
      i. Landscaped areas completely enclosed within the hardscape area, and which have a width or length less than 10 feet wide, shall not be added to the hardscape perimeter length.
      ii. Landscaped areas completely enclosed within the hardscape area, and which width or length is a minimum of 10 feet wide, the perimeter of the landscaped areas or permanent planter shall be added to the hardscape perimeter length.
      iii. Landscaped edges that are not abutting the hardscape shall not be added to the hardscape perimeter length.
   C. Determine the initial wattage allowance (IWA) for general hardscape lighting from Table 140.7-A for the appropriate lighting zone. The hardscape area shall be permitted one IWA per site.
   D. The general hardscape lighting allowance shall be the sum of the allowed watts determined from (A), (B) and (C) above.
2. **Additional lighting power allowance for specific applications.** Additional lighting power for specific applications shall be the smaller of the additional lighting allowances for specific applications determined in accordance with Table 140.7-B for the appropriate lighting zone, or the actual installed lighting power meeting the requirements for the allowance.

Note: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, *Public Resources Code*. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, *Public Resources Code*.

TABLE 140.7-A
GENERAL HARDSCAPE LIGHTING POWER ALLOWANCE

TYPE OF POWER ALLOWANCE	LIGHTING ZONE 0[3]	LIGHTING ZONE 1	LIGHTING ZONE 2[2]		LIGHTING ZONE 3[3]		LIGHTING ZONE 4
	Asphalt/Concrete	Asphalt/Concrete	Asphalt	Concrete[2]	Asphalt	Concrete[2]	Asphalt/Concrete
Area wattage allowance (AWA)	No allowance[1]	0.018 W/ft^2	0.023 W/ft^2	0.025 W/ft^2	0.025 W/ft^2	0.03 W/ft^2	0.03 W/ft^2
Linear wattage allowance (LWA)		0.15 W/lf	0.17 W/lf	0.4 W/lf	0.25 W/lf	0.4 W/lf	0.35 W/lf
Initial wattage allowance (IWA)		180 W	250 W	250 W	350 W	350 W	400 W

1. Continuous lighting is explicitly prohibited in Lighting Zone 0. A single luminaire of 15 Watts or less may be installed at an entrance to a parking area, trail head, fee payment kiosk, outhouse, or toilet facility, as required to provide safe navigation of the site infrastructure. Luminaires installed shall meet the maximum zonal lumen limits as specified in Section 130.2(b).
2. Where greater than 50% of the paved surface of a parking lot is finished with concrete. This does not extend beyond the parking lot, and does not include any other General Hardscape areas.
3. Narrow band spectrum light sources with a dominant peak wavelength greater than 580 nm – as mandated by local, state, or federal agencies to minimize the impact on local, active professional astronomy or nocturnal habitat of specific local fauna – shall be allowed a 2.0 lighting power allowance multiplier.

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TABLE 140.7-B
ADDITIONAL LIGHTING POWER ALLOWANCE FOR SPECIFIC APPLICATIONS
All area and distance measurements in plan view unless otherwise noted.

LIGHTING APPLICATION	LIGHTING ZONE 0	LIGHTING ZONE 1	LIGHTING ZONE 2	LIGHTING ZONE 3	LIGHTING ZONE 4
WATTAGE ALLOWANCE PER APPLICATION. Use all that apply as appropriate.					
Building entrances or exits. Allowance per door. Luminaires qualifying for this allowance shall be within 20 feet of the door.	Not applicable	9 watts	15 watts	19 watts	21 watts
Primary entrances to senior care facilities, police stations, healthcare facilities, fire stations and emergency vehicle facilities. Allowance per primary entrance(s) only. Primary entrances shall provide access for the general public and shall not be used exclusively for staff or service personnel. This allowance shall be in addition to the building entrance or exit allowance above. Luminaires qualifying for this allowance shall be within 100 feet of the primary entrance.	Not applicable	20 watts	40 watts	57 watts	60 watts
Drive up windows. Allowance per customer service location. Luminaires qualifying for this allowance shall be within two mounting heights of the sill of the window.	Not applicable	16 watts	30 watts	50 watts	75 watts
Vehicle service station uncovered fuel dispenser. Allowance per fueling dispenser. Luminaires qualifying for this allowance shall be within two mounting heights of the dispenser.	Not applicable	55 watts	77 watts	81 watts	135 watts
ATM machine lighting. Allowance per ATM machine. Luminaires qualifying for this allowance shall be within 50 feet of the dispenser.	Not applicable	100 watts for first ATM machine, 35 watts for each additional ATM machine.			
WATTAGE ALLOWANCE PER UNIT LENGTH (W/linear ft). May be used for one or two frontage side(s) per site.					
Outdoor sales frontage. Allowance for frontage immediately adjacent to the principal viewing location(s) and unobstructed for its viewing length. A corner sales lot may include two adjacent sides, provided that a different principal viewing location exists for each side. Luminaires qualifying for this allowance shall be located between the principal viewing location and the frontage outdoor sales area.	Not applicable	No Allowance	11 W/linear ft	19 W/linear ft	25 W/linear ft
WATTAGE ALLOWANCE PER HARDSCAPE AREA (W/ft²). May be used for any illuminated hardscape area on the site.					
Hardscape ornamental lighting. Allowance for the total site illuminated hardscape area. Luminaires qualifying for this allowance shall be rated for 100 watts or less as determined in accordance with Section 130.0(d), and shall be post-top luminaires, lanterns, pendant luminaires or chandeliers.	Not applicable	No Allowance	0.007 W/ft²	0.013 W/ft²	0.019 W/ft²
WATTAGE ALLOWANCE PER SPECIFIC AREA (W/ft²). **Use as appropriate, provided that none of the following specific applications shall be used for the same area.**					
Building facades. Only areas of building facade that are illuminated shall qualify for this allowance. Luminaires qualifying for this allowance shall be aimed at the facade and shall be capable of illuminating it without obstruction or interference by permanent building features or other objects.	Notapplicable	No Allowance	0.100 W/ft²	0.170 W/ft²	0.225 W/ft²
Outdoor sales lots. Allowance for uncovered sales lots used exclusively for the display of vehicles or other merchandise for sale. Driveways, parking lots or other nonsales areas shall be considered hardscape areas even if these areas are completely surrounded by sales lot on all sides. Luminaires qualifying for this allowance shall be within five mounting heights of the sales lot area.	Not applicable	0.060 W/ft²	0.210 W/ft²	0.280 W/ft²	0.485 W/ft²
Vehicle service station hardscape. Allowance for the total illuminated hardscape area less area of buildings, under canopies, off property, or obstructed by signs or structures. Luminaires qualifying for this allowance shall be illuminating the hardscape area and shall not be within a building, below a canopy, beyond property lines or obstructed by a sign or other structure.	Not applicable	0.006 W/ft²	0.068 W/ft²	0.138 W/ft²	0.200 W/ft²
Vehicle service station canopies. Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.	Not applicable	0.220 W/ft²	0.430 W/ft²	0.580 W/ft²	1.010 W/ft²
Sales canopies. Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.	Not applicable	No Allowance	0.470 W/ft²	0.622 W/ft²	0.740 W/ft²
Nonsales canopies and tunnels. Allowance for the total area within the drip line of the canopy or inside the tunnel. Luminaires qualifying for this allowance shall be located under the canopy or tunnel.	Not applicable	0.057 W/ft²	0.137 W/ft²	0.270 W/ft²	0.370 W/ft²
Guard stations. Allowance up to 1,000 square feet per vehicle lane. Guard stations provide access to secure areas controlled by security personnel who stop and may inspect vehicles and vehicle occupants, including identification, documentation, vehicle license plates and vehicle contents. Qualifying luminaires shall be within two mounting heights of a vehicle lane or the guardhouse.	Not applicable	0.081 W/ft²	0.176 W/ft²	0.325 W/ft²	0.425 W/ft²
Student pick-up/drop-off zone. Allowance for the area of the student pick-up/drop-off zone, with or without canopy, for preschool through 12th grade school campuses. A student pick-up/drop off zone is a curbside, controlled traffic area on a school campus where students are picked-up and dropped off from vehicles. The allowed area shall be the smaller of the actual width or 25 feet, times the smaller of the actual length or 250 feet. Qualifying luminaires shall be within two mounting heights of the student pick-up/drop-off zone.	Not applicable	No Allowance	0.056 W/ft²	0.200 W/ft²	No Allowance
Outdoor dining. Allowance for the total illuminated hardscape of outdoor dining. Outdoor dining areas are hardscape areas used to serve and consume food and beverages. Qualifying luminaires shall be within two mounting heights of the hardscape area of outdoor dining.	Not applicable	0.004 W/ft²	0.030 W/ft²	0.050 W/ft²	0.075 W/ft²
Special security lighting for retail parking and pedestrian hardscape. This additional allowance is for illuminated retail parking and pedestrian hardscape identified as having special security needs. This allowance shall be in addition to the building entrance or exit allowance.	Not applicable	0.004 W/ft²	0.005 W/ft²	0.010 W/ft²	No Allowance

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SECTION 130.3
SIGN LIGHTING CONTROLS

Nonresidential buildings other than healthcare facilities, high-rise residential buildings, and hotel/motel buildings shall comply with the applicable requirements of Sections 130.3(a)1 through 130.3(a)3.

(a) **Controls for sign lighting.** All sign lighting shall meet the requirements below as applicable:

1. **Indoor signs.** All indoor sign lighting other than exit sign lighting shall be controlled with an automatic time-switch control or astronomical time-switch control.
2. **Outdoor signs.** Outdoor sign lighting shall meet the following requirements as applicable:
   A. All outdoor sign lighting shall be controlled with a photocontrol in addition to an automatic time-switch control, or an astronomical time-switch control.

   Exception to Section 130.3(a)2A: Outdoor signs in tunnels, and signs in large permanently covered outdoor areas that are intended to be continuously lit, 24 hours per day and 365 days per year.

   B. All outdoor sign lighting that is ON both day and night shall be controlled with a dimmer that provides the ability to automatically reduce sign lighting power by a minimum of 65 percent during nighttime hours. Signs that are illuminated at night and for more than 1 hour during daylight hours shall be considered ON both day and night.

   Exception to Section 130.3(a)2B: Outdoor signs in tunnels and large covered areas that are intended to be illuminated both day and night.
3. **Demand responsive Electronic Message Center (EMC) control.** See Section 110.12 for requirements for demand responsive EMC controls.

Note: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, *Public Resources Code.* Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, *Public Resources Code.*

SECTION 130.4
LIGHTING CONTROL ACCEPTANCE AND INSTALLATION CERTIFICATE REQUIREMENTS

Nonresidential buildings other than healthcare facilities, high-rise residential buildings and hotel/motel buildings shall comply with the applicable requirements of Sections 130.4(a) through 130.4(c). Healthcare facilities shall comply with the applicable acceptance and installation documentation requirements of OSHPD.

(a) **Lighting control acceptance requirements.** Before an occupancy permit is granted, indoor and outdoor lighting controls serving the building, area or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4(a). A Certificate of Acceptance shall be submitted to the enforcement agency under Section 10-103(a) of Part 1, that:

1. Certifies that all of the lighting acceptance testing necessary to meet the requirements of Part 6 is completed;
2. Certifies that the applicable procedures in Reference Nonresidential Appendix NA7.6 and NA7.8 have been followed;
3. Certifies that automatic daylight controls comply with Section 130.1(d) and Reference Nonresidential Appendix NA7.6.1;
4. Certifies that lighting shut-OFF controls comply with Section 130.1(c) and Reference Nonresidential Appendix NA7.6.2;
5. Certifies that demand responsive controls comply with Section 130.1(e) and Reference Nonresidential Appendix NA7.6.3; and
6. Certifies that outdoor lighting controls comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix NA7.8; and
7. Certifies that lighting systems receiving the Institutional Tuning Power Adjustment Factor comply with Section 140.6(a)2J and Reference Nonresidential Appendix NA7.7.6.2.

(b) **Lighting control installation certificate requirements.** To be recognized for compliance with Part 6 an installation certificate shall be submitted in accordance with Section 10-103(a) for any lighting control system, energy management control system, track lighting integral current limiter, track lighting supplementary overcurrent protection panel, interlocked lighting system, lighting power adjustment factor, or additional wattage available for a videoconference studio, in accordance with the following requirements, as applicable:

1. Certification that when a lighting control system is installed to comply with lighting control requirements in Part 6 it complies with the applicable requirements of Section 110.9; and complies with Reference Nonresidential Appendix NA7.7.1.
2. Certificationes that when an energy management control system is installed to function as a lighting control required by Part 6 it functionally meets all applicable requirements for each application for which it is installed, in accordance with Sections 110.9, 130.0 through 130.5, 140.6 through 150.0, and 150.2; and complies with Reference Nonresidential Appendix NA7.7.2.
3. **Reserved.**
4. **Reserved.**
5. Certification that interlocked lighting systems used to serve an approved area comply with Section 140.6(a)1; and comply with Reference Nonresidential Appendix NA7.7.5.

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SECTION 140.8
PRESCRIPTIVE REQUIREMENTS FOR SIGNS

This section applies to all internally illuminated and externally illuminated signs, unfiltered light emitting diodes (LEDs) and unfiltered neon, both indoor and outdoor. Each sign shall comply with either subsection (a) or (b), as applicable.

(a) **Maximum allowed lighting power.**

1. For internally illuminated signs, the maximum allowed lighting power shall not exceed the product of the illuminated sign area and 12 watts per square foot. For double-faced signs, only the area of a single face shall be used to determine the allowed lighting power.
2. For externally illuminated signs, the maximum allowed lighting power shall not exceed the product of the illuminated sign area and 2.3 watts per square foot. Only areas of an externally lighted sign that are illuminated without obstruction or interference, by one or more luminaires, shall be used.
3. Lighting for unfiltered light emitting diodes (LEDs) and unfiltered neon shall comply with Section 140.8(b).

(b) **Alternate lighting sources.** The sign shall comply if it is equipped only with one or more of the following light sources:

1. High pressure sodium lamps; or
2. Metal halide lamps that are:
   A. Pulse start or ceramic served by a ballast that has a minimum efficiency of 88 percent or greater, or
   B. Pulse start that are 320 watts or smaller, are not 250 watt or 175 watt lamps, and are served by a ballast that has a minimum efficiency of 80 percent.

   Ballast efficiency is the reference lamp power divided by the ballast input power when tested according to ANSI C82.6-2015.
3. Neon or cold cathode lamps with transformer or power supply efficiency greater than or equal to the following:
   A. A minimum efficiency of 75 percent when the transformer or power supply rated output current is less than 50 mA; or
   B. A minimum efficiency of 68 percent when the transformer or power supply rated output current is 50 mA or greater.

   The ratio of the output wattage to the input wattage is at 100 percent tubing load.
4. Fluorescent lighting systems meeting one of the following requirements:
   A. Use only lamps with a minimum color rendering index (CRI) of 80; or
   B. Use only electronic ballasts with a fundamental output frequency not less than 20 kHz.
5. Light emitting diodes (LEDs) with a power supply having an efficiency of 80 percent or greater; or

   Exception to Section 140.8(b)5: Single voltage external power supplies that are designed to convert 120 volt AC input into lower voltage DC or AC output, and have a nameplate output power less than or equal to 250 watts, shall comply with the applicable requirements of the appliance efficiency regulations (Title 20).
6. Compact fluorescent lamps that do not contain a medium screw base socket (E24/E26).

Exception 1 to Section 140.8: Unfiltered incandescent lamps that are not part of an electronic message center (EMC), an internally illuminated sign or an externally illuminated sign.

Exception 2 to Section 140.8: Exit signs. Exit signs shall meet the requirements of the appliance efficiency regulations.

Exception 3 to Section 140.8: Traffic Signs. Traffic signs shall meet the requirements of the appliance efficiency regulations.

Note: Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, *Public Resources Code*. Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8, and 25943, *Public Resources Code*.

SECTION 140.9
PRESCRIPTIVE REQUIREMENTS FOR COVERED PROCESSES

(a) **Prescriptive requirements for computer rooms.** Space conditioning systems serving a computer room with a power density greater than 20 W/ft^2 shall comply with this section by being designed with and having constructed and installed a cooling system that meets the requirements of Subsections 1 through 6.

1. **Economizers.** Each individual cooling system primarily serving computer room shall include either:
   A. An integrated air economizer capable of providing 100 percent of the expected system cooling load as calculated in accordance with a method approved by the Commission, at outside air temperatures of 55°F dry-bulb/50°F wet-bulb and below, and be equipped with a fault detection and diagnostic system as specified by Section 120.2(i); or
   B. An integrated water economizer capable of providing 100 percent of the expected system cooling load as calculated in accordance with a method approved by the Commission, at outside air temperatures of 40°F dry-bulb/35°F wet-bulb and below.

   Exception 1 to Section 140.9(a)1: Individual computer rooms under 5 tons in a building that does not have any economizers.

   Exception 2 to Section 140.9(a)1: New cooling systems serving an existing computer room in an existing building up to a total of 50 tons of new cooling equipment per building.

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APPENDIX H: **IESNA 10th Edition Lighting Handbook, Table 26.4, Nighttime Outdoor Lighting Zone Definitions**

Table 26.4 | Nighttime Outdoor Lighting Zone Definitions

Zone	Outdoor Lighting Situation	Definition
LZ4	High Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to high light levels. Lighting is generally considered necessary for safety, security and/or convenience and it is mostly uniform and/or continuous. After curfew, lighting may be extinguished or reduced in some areas as activity levels decline.
LZ3	Moderately High Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to moderately high light levels. Lighting is generally desired for safety, security and/or convenience and it is often uniform and/or continuous. After curfew, lighting may be extinguished or reduced in most areas as activity levels decline.
LZ2	Moderate Ambient Lighting	Areas of human activity where the vision of human residents and users is adapted to moderate light levels. Lighting may typically be used for safety and convenience but it is not necessarily uniform or continuous. After curfew, lighting may be extinguished or reduced as activity levels decline.
LZ1	Low Ambient Lighting	Areas where lighting might adversely affect flora and fauna or disturb the character of the area. The vision of human residents and users is adapted to low light levels. Lighting may be used for safety and convenience but it is not necessarily uniform or continuous. After curfew, most lighting should be extinguished or reduced as activity levels decline.
LZ0	No Ambient Lighting	Areas where the natural environment will be seriously and adversely affected by lighting. Impacts include disturbing the biological cycles of flora and fauna and/or detracting from human enjoyment and appreciation of the natural environment. Human activity is subordinate in importance to nature. The vision of human residents and users is adapted to the darkness, and they expect to see little or no lighting. When not needed, lighting should be extinguished.

Table 26.5 | Recommended Light Trespass Illuminance Limits

Lighting Zone	Limit in lux[a]	
	Pre-curfew	Post-curfew
LZ4	15	6
LZ3	8	3
LZ2	3	1
LZ1	1	0
LZ0	0.1	0

a. Maximum initial illuminance on a plane perpendicular to the line of sight to the luminaire(s). Plane located at observer position where light trespass is under review. [7]

APPENDIX J:**Sign Lighting Illuminance Calculation (fc)**

Sign Lighting illuminance data presented below is derived from the lighting illuminance calculations prepared as per the methods described in Section 6.2 above. Illuminance data is presented in the following tables with location coordinates defined relative to the elevation and horizontal distance from lower left, viewing from the Property to the vertical plane where Light trespass illuminance is under review. Grid data is displayed at ten feet on center, vertical and horizontal.

Vertical Plane VP-E1

HORIZONTAL (ft)	5	15	25	35	45	55	65
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-E2

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
85	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
75	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.00	0.00	0.00
65	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
55	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
45	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-E3

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-E3

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.20
45	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20
35	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20
25	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.20
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00

Vertical Plane VP-E3

HORIZONTAL (ft)	305	315	325	335	345
95	0.20	0.20	0.30	0.30	0.30
85	0.20	0.30	0.30	0.30	0.30
75	0.20	0.20	0.30	0.30	0.30
65	0.20	0.20	0.30	0.30	0.30
55	0.20	0.20	0.30	0.30	0.30
45	0.20	0.20	0.30	0.30	0.30
35	0.20	0.20	0.30	0.30	0.30
25	0.20	0.20	0.20	0.30	0.30
15	0.20	0.20	0.20	0.20	0.20
5	0.00	0.00	0.00	0.00	0.10

Vertical Plane VP-N1

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115
95	0.80	0.80	0.80	0.80	0.80	0.80	0.70	0.70	0.70	0.60	0.60	0.50
85	0.80	0.90	0.90	0.80	0.80	0.80	0.80	0.70	0.70	0.60	0.60	0.60
75	0.90	0.90	0.90	0.90	0.80	0.80	0.80	0.70	0.70	0.70	0.60	0.60
65	0.80	0.90	0.90	0.90	0.80	0.80	0.80	0.80	0.70	0.70	0.60	0.60
55	0.90	1.00	0.90	0.90	0.90	0.80	0.80	0.80	0.70	0.70	0.60	0.60
45	0.90	1.00	0.90	0.90	0.90	0.80	0.80	0.80	0.70	0.70	0.60	0.60
35	0.90	1.00	1.00	0.90	0.90	0.90	0.80	0.80	0.70	0.70	0.60	0.60
25	0.90	0.90	1.00	0.90	0.90	0.80	0.80	0.70	0.70	0.60	0.60	0.60
15	0.70	0.80	0.70	0.70	0.70	0.70	0.60	0.60	0.60	0.60	0.60	0.50
5	0.00	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20

Vertical Plane VP-N2

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125
95	0.40	0.40	0.30	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.10
85	0.40	0.40	0.40	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.10
75	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.10
65	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.10
55	0.50	0.40	0.40	0.40	0.30	0.30	0.20	0.30	0.20	0.20	0.20	0.20	0.10
45	0.50	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20
35	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20
25	0.50	0.40	0.40	0.40	0.30	0.30	0.00	0.00	0.20	0.20	0.20	0.20	0.20
15	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N3

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.00	0.00
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
45	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
35	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
25	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N3

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N3

HORIZONTAL (ft)	305	315	325	335
95	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00

Vertical Plane VP-N4

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N4

HORIZONTAL (ft)	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N4

HORIZONTAL (ft)	305	315	325	335	345	355	365	375
95	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
85	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
75	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
65	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
55	0.00	0.10	0.10	0.10	0.20	0.20	0.30	0.30
45	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
35	0.00	0.10	0.10	0.10	0.20	0.20	0.20	0.30
25	0.00	0.10	0.10	0.10	0.20	0.20	0.30	0.30
15	0.00	0.10	0.10	0.10	0.20	0.20	0.30	0.30
5	0.00	0.00	0.10	0.10	0.20	0.20	0.30	0.30

Vertical Plane VP-S1

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125
95	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.20
85	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.20
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.20
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10

Vertical Plane VP-S2

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
85	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
65	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
55	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
45	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.00	0.00
35	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-S3

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-S3

HORIZONTAL (ft)	155	165	175
95	0.00	0.10	0.10
85	0.10	0.10	0.10
75	0.00	0.00	0.10
65	0.00	0.10	0.10
55	0.00	0.10	0.10
45	0.00	0.00	0.10
35	0.00	0.00	0.10
25	0.00	0.00	0.00
15	0.00	0.00	0.00
5	0.00	0.00	0.00

Vertical Plane VP-W1

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
95	0.20	0.20	0.30	0.30	0.30	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
85	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
75	0.20	0.20	0.30	0.30	0.20	0.30	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
65	0.20	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
55	0.20	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
45	0.20	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
35	0.20	0.20	0.30	0.30	0.30	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
25	0.20	0.20	0.30	0.30	0.20	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
15	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vertical Plane VP-N5

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125	135
95	0.30	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.30
85	0.30	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.30
75	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.30
65	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30
55	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30
45	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.30
35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30
25	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.30
15	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30
5	0.00	0.00	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.20	0.30	0.30

Vertical Plane VP-N6

HORIZONTAL (ft)	5	15	25	35	45	55	65	75	85	95	105	115	125
95	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
85	0.40	0.30	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
75	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
65	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
55	0.40	0.40	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
45	0.40	0.30	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
35	0.30	0.30	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
25	0.40	0.30	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20
15	0.40	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.30	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Appendix C

California Emissions Estimator Model (CalEEMod) Results

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California Emissions Estimator Model (CalEEMod) Results

9160-9176 Sunset EIR Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	9160-9176 Sunset EIR
Construction Start Date	2/2/2026
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.7
Precipitation (days)	20
Location	9176 W Sunset Blvd, West Hollywood, CA 90069, USA
County	Los Angeles-South Coast
City	West Hollywood
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4343
EDFZ	16
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	45	1000sqft	0.00	45,107	2,866	—	—	—

High Turnover (Sit Down Restaurant)	7.9	1000sqft	0.00	7,892	0.00	—	—	—
Enclosed Parking with Elevator	86	Space	0.43	34,400	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.8	2.7	19	41	0.07	0.13	2.5	2.6	0.13	0.68	0.81	—	9,757	9,757	0.49	1.4	20	10,202
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.8	2.7	19	39	0.05	0.11	1.9	2.0	0.11	0.46	0.56	—	6,854	6,854	0.29	0.22	0.21	6,928
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.5	1.5	11	20	0.03	0.07	1.3	1.4	0.06	0.31	0.38	—	4,431	4,431	0.20	0.27	2.8	4,519
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.28	0.27	1.9	3.7	0.01	0.01	0.24	0.25	0.01	0.06	0.07	—	734	734	0.03	0.04	0.46	748

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.8	2.7	19	41	0.07	0.13	2.5	2.6	0.13	0.68	0.81	—	9,757	9,757	0.49	1.4	20	10,202
2027	2.3	2.3	12	26	0.03	0.07	1.4	1.4	0.07	0.32	0.39	—	4,620	4,620	0.19	0.13	5.1	4,668
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.8	2.7	19	39	0.05	0.11	1.9	2.0	0.11	0.46	0.56	—	6,854	6,854	0.29	0.22	0.21	6,928
2027	2.3	2.3	12	25	0.03	0.07	1.4	1.4	0.07	0.32	0.39	—	4,554	4,554	0.15	0.13	0.13	4,597
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.1	1.0	11	20	0.03	0.07	1.3	1.4	0.06	0.31	0.38	—	4,431	4,431	0.20	0.27	2.8	4,519
2027	1.5	1.5	7.2	16	0.02	0.04	0.87	0.91	0.04	0.21	0.25	—	2,795	2,795	0.09	0.07	1.4	2,821
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.20	0.18	1.9	3.7	0.01	0.01	0.24	0.25	0.01	0.06	0.07	—	734	734	0.03	0.04	0.46	748
2027	0.28	0.27	1.3	2.9	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	463	463	0.02	0.01	0.23	467

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.8	6.4	4.9	34	0.07	0.18	6.2	6.3	0.17	1.6	1.7	93	9,220	9,313	9.9	0.35	33	9,697
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.1	5.7	5.1	28	0.07	0.17	6.2	6.3	0.17	1.6	1.7	93	8,925	9,018	9.9	0.36	13	9,387
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	5.6	5.2	2.8	24	0.05	0.07	4.3	4.3	0.07	1.1	1.2	93	6,796	6,890	9.9	0.30	19	7,243
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.0	0.96	0.51	4.4	0.01	0.01	0.78	0.79	0.01	0.20	0.21	15	1,125	1,141	1.6	0.05	3.1	1,199

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.9	3.6	2.4	28	0.07	0.04	6.2	6.2	0.04	1.6	1.6	—	6,741	6,741	0.34	0.27	21	6,852
Area	1.9	1.9	0.03	3.8	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16	16	< 0.005	< 0.005	—	16
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,945	1,945	0.19	0.02	—	1,956
Water	—	—	—	—	—	—	—	—	—	—	—	20	67	87	2.1	0.05	—	153
Waste	—	—	—	—	—	—	—	—	—	—	—	73	0.00	73	7.3	0.00	—	256
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Stationary	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451
Total	6.8	6.4	4.9	34	0.07	0.18	6.2	6.3	0.17	1.6	1.7	93	9,220	9,313	9.9	0.35	33	9,697
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.9	3.5	2.6	26	0.06	0.04	6.2	6.2	0.04	1.6	1.6	—	6,463	6,463	0.35	0.29	0.53	6,557
Area	1.3	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,945	1,945	0.19	0.02	—	1,956
Water	—	—	—	—	—	—	—	—	—	—	—	20	67	87	2.1	0.05	—	153
Waste	—	—	—	—	—	—	—	—	—	—	—	73	0.00	73	7.3	0.00	—	256
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Stationary	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451

Total	6.1	5.7	5.1	28	0.07	0.17	6.2	6.3	0.17	1.6	1.7	93	8,925	9,018	9.9	0.36	13	9,387
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.6	3.3	2.1	21	0.05	0.03	4.3	4.3	0.03	1.1	1.1	—	4,650	4,650	0.30	0.22	6.2	4,731
Area	1.7	1.7	0.02	2.6	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11	11	< 0.005	< 0.005	—	11
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,945	1,945	0.19	0.02	—	1,956
Water	—	—	—	—	—	—	—	—	—	—	—	20	67	87	2.1	0.05	—	153
Waste	—	—	—	—	—	—	—	—	—	—	—	73	0.00	73	7.3	0.00	—	256
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Stationary	0.26	0.24	0.67	0.61	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	123	123	< 0.005	< 0.005	0.00	124
Total	5.6	5.2	2.8	24	0.05	0.07	4.3	4.3	0.07	1.1	1.2	93	6,796	6,890	9.9	0.30	19	7,243
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.65	0.60	0.39	3.8	0.01	0.01	0.78	0.78	0.01	0.20	0.20	—	770	770	0.05	0.04	1.0	783
Area	0.32	0.31	< 0.005	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.8	1.8	< 0.005	< 0.005	—	1.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	322	322	0.03	< 0.005	—	324
Water	—	—	—	—	—	—	—	—	—	—	—	3.3	11	14	0.34	0.01	—	25
Waste	—	—	—	—	—	—	—	—	—	—	—	12	0.00	12	1.2	0.00	—	42
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.1	2.1
Stationary	0.05	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20	20	< 0.005	< 0.005	0.00	20
Total	1.0	0.96	0.51	4.4	0.01	0.01	0.78	0.79	0.01	0.20	0.21	15	1,125	1,141	1.6	0.05	3.1	1,199

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.6	8.0	0.01	0.02	—	0.02	0.02	—	0.02	—	1,136	1,136	0.05	0.01	—	1,139
Demolition	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.6	8.0	0.01	0.02	—	0.02	0.02	—	0.02	—	1,136	1,136	0.05	0.01	—	1,139
Demolition	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.66	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	162	162	0.01	< 0.005	—	162
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27	27	< 0.005	< 0.005	—	27

Demoliti	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.35	0.37	6.1	0.00	0.00	1.2	1.2	0.00	0.29	0.29	—	1,287	1,287	0.05	0.05	4.4	1,306
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	0.01	0.02	0.26	120
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.35	0.41	5.2	0.00	0.00	1.2	1.2	0.00	0.29	0.29	—	1,220	1,220	0.06	0.05	0.11	1,235
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	0.01	0.02	0.01	119
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	176	176	0.01	0.01	0.27	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29	29	< 0.005	< 0.005	0.04	30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.7	2.7	< 0.005	< 0.005	< 0.005	2.8

3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.52	13	23	0.03	0.07	—	0.07	0.07	—	0.07	—	3,750	3,750	0.15	0.03	—	3,763
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.90	1.6	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	257	257	0.01	< 0.005	—	258
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43	43	< 0.005	< 0.005	—	43
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.35	0.37	6.1	0.00	0.00	1.2	1.2	0.00	0.29	0.29	—	1,287	1,287	0.05	0.05	4.4	1,306
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.38	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	85	85	< 0.005	< 0.005	0.13	86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.02	14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.15	0.15	4.2	7.2	0.01	0.02	—	0.02	0.02	—	0.02	—	1,021	1,021	0.04	0.01	—	1,024
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.50	0.86	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20	20	< 0.005	< 0.005	—	20
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.65	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	135	135	0.01	< 0.005	0.46	137
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.55	0.10	9.7	3.5	0.06	0.11	2.4	2.5	0.11	0.65	0.76	—	8,601	8,601	0.44	1.4	20	9,041
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.07	0.01	1.2	0.42	0.01	0.01	0.28	0.30	0.01	0.08	0.09	—	1,037	1,037	0.05	0.17	1.0	1,089
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.6	2.6	< 0.005	< 0.005	< 0.005	2.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.22	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	172	172	0.01	0.03	0.17	180

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.3	11	0.01	0.03	—	0.03	0.03	—	0.03	—	1,434	1,434	0.06	0.01	—	1,439
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.3	11	0.01	0.03	—	0.03	0.03	—	0.03	—	1,434	1,434	0.06	0.01	—	1,439
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.11	2.8	5.0	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	646
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.52	0.92	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	107	107	< 0.005	< 0.005	—	107
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.17	0.18	3.1	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	644	644	0.03	0.02	2.2	653
Vendor	0.03	0.01	0.49	0.24	< 0.005	0.01	0.12	0.13	< 0.005	0.03	0.04	—	447	447	0.02	0.06	1.2	467
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.17	0.21	2.6	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	610	610	0.03	0.02	0.06	618

Vendor	0.03	0.01	0.51	0.24	< 0.005	0.01	0.12	0.13	< 0.005	0.03	0.04	—	447	447	0.02	0.06	0.03	466
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.2	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	278	278	0.01	0.01	0.42	281
Vendor	0.01	0.01	0.23	0.11	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	200	200	0.01	0.03	0.23	209
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46	46	< 0.005	< 0.005	0.07	47
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33	33	< 0.005	< 0.005	0.04	35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.3	11	0.01	0.03	—	0.03	0.03	—	0.03	—	1,434	1,434	0.06	0.01	—	1,439
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.3	11	0.01	0.03	—	0.03	0.03	—	0.03	—	1,434	1,434	0.06	0.01	—	1,439

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	3.2	5.7	0.01	0.02	—	0.02	0.02	—	0.02	—	724	724	0.03	0.01	—	726
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.58	1.0	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	120	120	< 0.005	< 0.005	—	120
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	2.9	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	631	631	0.03	0.02	2.0	641
Vendor	0.03	0.01	0.47	0.22	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.04	—	438	438	0.02	0.06	1.1	458
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.4	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	598	598	0.01	0.02	0.05	605
Vendor	0.03	0.01	0.49	0.23	< 0.005	< 0.005	0.12	0.13	< 0.005	0.03	0.04	—	438	438	0.02	0.06	0.03	457
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.08	0.10	1.3	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	307	307	< 0.005	0.01	0.43	311
Vendor	0.01	0.01	0.25	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	221	221	0.01	0.03	0.25	231

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	51	51	< 0.005	< 0.005	0.07	51
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37	37	< 0.005	0.01	0.04	38
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Nighttime Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.5	12	0.01	0.03	—	0.03	0.03	—	0.03	—	1,407	1,407	0.06	0.01	—	1,411
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	6.5	12	0.01	0.03	—	0.03	0.03	—	0.03	—	1,407	1,407	0.06	0.01	—	1,411
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.5	4.5	0.01	0.01	—	0.01	0.01	—	0.01	—	547	547	0.02	< 0.005	—	549

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.46	0.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91	91	< 0.005	< 0.005	—	91
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.12	2.1	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	436	436	0.02	0.02	1.5	443
Vendor	0.03	0.01	0.49	0.24	< 0.005	0.01	0.12	0.13	< 0.005	0.03	0.04	—	447	447	0.02	0.06	1.2	467
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.8	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	414	414	0.02	0.02	0.04	419
Vendor	0.03	0.01	0.51	0.24	< 0.005	0.01	0.12	0.13	< 0.005	0.03	0.04	—	447	447	0.02	0.06	0.03	466
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.72	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	0.01	0.01	0.25	165
Vendor	0.01	0.01	0.20	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	174	174	0.01	0.02	0.20	182
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27	27	< 0.005	< 0.005	0.04	27
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29	29	< 0.005	< 0.005	0.03	30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.7	4.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	451	451	0.02	< 0.005	—	452
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	2.7	4.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	451	451	0.02	< 0.005	—	452
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.71	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69	69	< 0.005	< 0.005	—	69
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	< 0.005	< 0.005	0.08	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11	11	< 0.005	< 0.005	—	11
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	2.9	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	631	631	0.03	0.02	2.0	641
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.4	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	598	598	0.01	0.02	0.05	605
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.39	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93	93	< 0.005	< 0.005	0.13	94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.02	16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.7	9.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,486	1,486	0.06	0.01	—	1,491
Architectural Coatings	1.5	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.7	9.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,486	1,486	0.06	0.01	—	1,491
Architectural Coatings	1.5	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.2	2.4	< 0.005	0.01	—	0.01	0.01	—	0.01	—	391	391	0.02	< 0.005	—	392
Architectural Coatings	0.39	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65	65	< 0.005	< 0.005	—	65
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.17	0.18	3.1	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	644	644	0.03	0.02	2.2	653
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.17	0.21	2.6	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	610	610	0.03	0.02	0.06	618
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.72	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	0.01	0.01	0.25	165
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27	27	< 0.005	< 0.005	0.04	27

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.7	9.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,486	1,486	0.06	0.01	—	1,491
Architectural Coatings	1.5	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.21	4.7	9.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,486	1,486	0.06	0.01	—	1,491
Architectural Coatings	1.5	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.14	0.14	3.1	6.0	0.01	0.02	—	0.02	0.02	—	0.02	—	980	980	0.04	0.01	—	984
Architectural Coatings	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.57	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	162	162	0.01	< 0.005	—	163
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	2.9	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	631	631	0.03	0.02	2.0	641
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.4	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	598	598	0.01	0.02	0.05	605
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.14	1.7	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	401	401	0.01	0.01	0.56	406

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.31	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	66	66	< 0.005	< 0.005	0.09	67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.2	1.1	0.73	8.4	0.02	0.01	1.9	1.9	0.01	0.47	0.48	—	2,030	2,030	0.10	0.08	6.2	2,064
High Turnover (Sit Down Restaurant)	2.7	2.5	1.7	19	0.05	0.03	4.3	4.3	0.03	1.1	1.1	—	4,711	4,711	0.24	0.19	14	4,788
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.9	3.6	2.4	28	0.07	0.04	6.2	6.2	0.04	1.6	1.6	—	6,741	6,741	0.34	0.27	21	6,852

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.2	1.1	0.79	7.8	0.02	0.01	1.9	1.9	0.01	0.47	0.48	—	1,947	1,947	0.11	0.09	0.16	1,975
High Turnover (Sit Down Restaurant)	2.7	2.5	1.8	18	0.04	0.03	4.3	4.3	0.03	1.1	1.1	—	4,516	4,516	0.25	0.20	0.37	4,582
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.9	3.5	2.6	26	0.06	0.04	6.2	6.2	0.04	1.6	1.6	—	6,463	6,463	0.35	0.29	0.53	6,557
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.19	0.15	1.5	< 0.005	< 0.005	0.33	0.34	< 0.005	0.08	0.09	—	326	326	0.02	0.01	0.44	331
High Turnover (Sit Down Restaurant)	0.44	0.41	0.24	2.3	< 0.005	< 0.005	0.44	0.45	< 0.005	0.11	0.12	—	444	444	0.03	0.02	0.59	452
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.65	0.60	0.39	3.8	0.01	0.01	0.78	0.78	0.01	0.20	0.20	—	770	770	0.05	0.04	1.0	783

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,373	1,373	0.13	0.02	—	1,381
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	452	452	0.04	0.01	—	454
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	120	120	0.01	< 0.005	—	121
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,945	1,945	0.19	0.02	—	1,956
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,373	1,373	0.13	0.02	—	1,381
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	452	452	0.04	0.01	—	454
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	120	120	0.01	< 0.005	—	121
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,945	1,945	0.19	0.02	—	1,956
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	227	227	0.02	< 0.005	—	229
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	75	75	0.01	< 0.005	—	75
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	20	20	< 0.005	< 0.005	—	20
Total	—	—	—	—	—	—	—	—	—	—	—	—	322	322	0.03	< 0.005	—	324

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.1	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.14	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.68	0.62	0.03	3.8	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16	16	< 0.005	< 0.005	—	16
Total	1.9	1.9	0.03	3.8	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16	16	< 0.005	< 0.005	—	16
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.1	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.14	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.3	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.21	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	0.08	0.08	< 0.005	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.8	1.8	< 0.005	< 0.005	—	1.8
Total	0.32	0.31	< 0.005	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.8	1.8	< 0.005	< 0.005	—	1.8

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	15	52	67	1.6	0.04	—	118
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	4.6	15	20	0.47	0.01	—	35
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20	67	87	2.1	0.05	—	153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	15	52	67	1.6	0.04	—	118

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	4.6	15	20	0.47	0.01	—	35
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20	67	87	2.1	0.05	—	153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.5	8.6	11	0.26	0.01	—	20
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.76	2.6	3.3	0.08	< 0.005	—	5.8
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3.3	11	14	0.34	0.01	—	25

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	23	0.00	23	2.3	0.00	—	79
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	51	0.00	51	5.1	0.00	—	177
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	73	0.00	73	7.3	0.00	—	256
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	23	0.00	23	2.3	0.00	—	79
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	51	0.00	51	5.1	0.00	—	177
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	73	0.00	73	7.3	0.00	—	256
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.7	0.00	3.7	0.37	0.00	—	13

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	8.4	0.00	8.4	0.84	0.00	—	29
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	12	0.00	12	1.2	0.00	—	42

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	2.0
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.1	2.1

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451
Total	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451
Total	0.97	0.88	2.5	2.2	< 0.005	0.13	0.00	0.13	0.13	0.00	0.13	0.00	450	450	0.02	< 0.005	0.00	451
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.05	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20	20	< 0.005	< 0.005	0.00	20
Total	0.05	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20	20	< 0.005	< 0.005	0.00	20

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	2/2/2026	4/2/2026	6.0	52	—
Site Preparation	Site Preparation	4/3/2026	5/1/2026	6.0	25	—
Grading	Grading	5/4/2026	6/23/2026	6.0	44	—
Building Construction	Building Construction	6/24/2026	8/3/2027	6.0	348	—
Nighttime Construction	Building Construction	6/24/2026	12/5/2026	6.0	142	—
Paving	Paving	8/4/2027	10/7/2027	6.0	56	—

Architectural Coating	Architectural Coating	9/11/2026	10/8/2027	6.0	337	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	6.0	84	0.37
Demolition	Excavators	Diesel	Tier 4 Interim	1.00	8.0	75	0.38
Demolition	Forklifts	Diesel	Tier 4 Interim	1.00	8.0	82	0.20
Demolition	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.00	8.0	150	0.36
Site Preparation	Graders	Diesel	Tier 4 Interim	1.00	8.0	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.0	8.0	84	0.37
Site Preparation	Excavators	Diesel	Tier 4 Interim	1.00	8.0	75	0.38
Site Preparation	Forklifts	Diesel	Tier 4 Interim	1.00	8.0	82	0.20
Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.00	8.0	150	0.36
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Interim	1.00	8.0	376	0.38
Site Preparation	Trenchers	Diesel	Tier 4 Interim	1.00	8.0	75	0.50
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	7.0	84	0.37
Grading	Excavators	Diesel	Tier 4 Interim	1.00	8.0	75	0.38
Grading	Forklifts	Diesel	Tier 4 Interim	1.00	8.0	82	0.20
Grading	Trenchers	Diesel	Tier 4 Interim	1.00	8.0	75	0.50
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	4.0	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	1.00	6.0	82	0.20
Building Construction	Aerial Lifts	Diesel	Tier 4 Interim	1.00	8.0	75	0.31
Building Construction	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.0	75	0.37
Building Construction	Trenchers	Diesel	Tier 4 Interim	1.00	8.0	75	0.50

Building Construction	Welders	Diesel	Tier 4 Interim	1.00	8.0	75	0.45
Nighttime Construction	Cranes	Diesel	Tier 4 Interim	1.00	4.0	367	0.29
Nighttime Construction	Forklifts	Diesel	Tier 4 Interim	1.00	6.0	82	0.20
Nighttime Construction	Aerial Lifts	Diesel	Tier 4 Interim	1.00	8.0	75	0.31
Nighttime Construction	Cement and Mortar Mixers	Diesel	Tier 4 Interim	1.00	8.0	75	0.56
Nighttime Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.0	8.0	84	0.37
Paving	Forklifts	Diesel	Tier 4 Interim	1.00	8.0	82	0.20
Paving	Paving Equipment	Diesel	Tier 4 Interim	1.00	8.0	89	0.36
Paving	Pressure Washers	Diesel	Tier 4 Interim	1.00	8.0	75	0.30
Architectural Coating	Forklifts	Diesel	Tier 4 Interim	1.00	8.0	82	0.20
Architectural Coating	Off-Highway Trucks	Diesel	Tier 4 Interim	1.00	8.0	376	0.38
Architectural Coating	Pressure Washers	Diesel	Tier 4 Interim	1.00	8.0	75	0.30

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	95	19	LDA,LDT1,LDT2
Demolition	Vendor	—	10	HHDT,MHDT
Demolition	Hauling	1.7	20	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	95	19	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10	HHDT,MHDT
Site Preparation	Hauling	0.00	20	HHDT
Site Preparation	Onsite truck	—	—	HHDT

Grading	Worker	10.0	19	LDA,LDT1,LDT2
Grading	Vendor	—	10	HHDT,MHDT
Grading	Hauling	71	36	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	48	19	LDA,LDT1,LDT2
Building Construction	Vendor	14	10	HHDT,MHDT
Building Construction	Hauling	0.00	20	HHDT
Building Construction	Onsite truck	—	—	HHDT
Nighttime Construction	Worker	32	19	LDA,LDT1,LDT2
Nighttime Construction	Vendor	14	10	HHDT,MHDT
Nighttime Construction	Hauling	0.00	20	HHDT
Nighttime Construction	Onsite truck	—	—	HHDT
Paving	Worker	48	19	LDA,LDT1,LDT2
Paving	Vendor	—	10	HHDT,MHDT
Paving	Hauling	0.00	20	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	48	19	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

Architectural Coating	0.00	0.00	80,336	26,593	1,116

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	7,539	0.00
Site Preparation	0.00	0.00	13	0.00	0.00
Grading	0.00	25,000	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.43

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	General Office Building	0.00	0%
Paving	High Turnover (Sit Down Restaurant)	0.00	0%
Paving	Enclosed Parking with Elevator	0.43	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	346	0.03	< 0.005

2027	0.00	346	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	353	353	353	128,845	2,615	2,615	2,615	954,601
High Turnover (Sit Down Restaurant)	819	819	819	298,935	2,446	6,068	6,068	1,270,567
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0
General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0
High Turnover (Sit Down Restaurant)	Wood Fireplaces	0	0
High Turnover (Sit Down Restaurant)	Gas Fireplaces	0	0
High Turnover (Sit Down Restaurant)	Propane Fireplaces	0	0

High Turnover (Sit Down Restaurant)	Electric Fireplaces	0	0
High Turnover (Sit Down Restaurant)	No Fireplaces	0	0
High Turnover (Sit Down Restaurant)	Conventional Wood Stoves	0	0
High Turnover (Sit Down Restaurant)	Catalytic Wood Stoves	0	0
High Turnover (Sit Down Restaurant)	Non-Catalytic Wood Stoves	0	0
High Turnover (Sit Down Restaurant)	Pellet Wood Stoves	0	0
Enclosed Parking with Elevator	Wood Fireplaces	0	0
Enclosed Parking with Elevator	Gas Fireplaces	0	0
Enclosed Parking with Elevator	Propane Fireplaces	0	0
Enclosed Parking with Elevator	Electric Fireplaces	0	0
Enclosed Parking with Elevator	No Fireplaces	0	0
Enclosed Parking with Elevator	Conventional Wood Stoves	0	0
Enclosed Parking with Elevator	Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Non-Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

—	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
undefined	0.00	0.00	80,336	26,593	1,116

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	1,447,665	346	0.0330	0.0040	0.00
High Turnover (Sit Down Restaurant)	476,033	346	0.0330	0.0040	0.00
Enclosed Parking with Elevator	126,985	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	8,017,036	40,194
High Turnover (Sit Down Restaurant)	2,395,488	0.00
Enclosed Parking with Elevator	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	42	0.00
High Turnover (Sit Down Restaurant)	94	0.00
Enclosed Parking with Elevator	0.00	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.0	4.0	18
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.8	4.0	4.0	18
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.5	7.5	20

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	2.0	200	268	0.73

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.7	annual days of extreme heat
Extreme Precipitation	7.0	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.30	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	63
AQ-PM	64
AQ-DPM	81
Drinking Water	79
Lead Risk Housing	36
Pesticides	0.00
Toxic Releases	73
Traffic	69
Effect Indicators	—
CleanUp Sites	63
Groundwater	36
Haz Waste Facilities/Generators	8.8
Impaired Water Bodies	0.00
Solid Waste	25
Sensitive Population	—
Asthma	11

Cardio-vascular	27
Low Birth Weights	16
Socioeconomic Factor Indicators	—
Education	2.7
Housing	69
Linguistic	5.6
Poverty	38
Unemployment	41

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	63.96766329
Employed	98.57564481
Median HI	61.97869883
Education	—
Bachelor's or higher	85.82060824
High school enrollment	100
Preschool enrollment	82.39445656
Transportation	—
Auto Access	65.16104196
Active commuting	64.04465546
Social	—
2-parent households	36.69960221
Voting	53.66354421
Neighborhood	—
Alcohol availability	9.303220839

Park access	25.97202618
Retail density	97.97253946
Supermarket access	79.28910561
Tree canopy	62.71012447
Housing	—
Homeownership	22.34056204
Housing habitability	26.13884255
Low-inc homeowner severe housing cost burden	6.339022199
Low-inc renter severe housing cost burden	66.2517644
Uncrowded housing	77.4541255
Health Outcomes	—
Insured adults	52.90645451
Arthritis	0.0
Asthma ER Admissions	88.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	70.2
Cognitively Disabled	94.6
Physically Disabled	10.4
Heart Attack ER Admissions	94.1
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	99.7

Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.1
SLR Inundation Area	0.0
Children	97.0
Elderly	29.9
English Speaking	58.8
Foreign-born	40.0
Outdoor Workers	70.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	14.4
Traffic Density	59.2
Traffic Access	74.5
Other Indices	—
Hardship	4.9
Other Decision Support	—
2016 Voting	42.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25
Healthy Places Index Score for Project Location (b)	77
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No

Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	18,608-square-foot project site
Construction: Construction Phases	Based on applicant provided schedule. It is assumed nighttime construction for concrete pouring would be approximately 25 percent of overal project construction.
Construction: Off-Road Equipment	Equipment list based on appliant provided information. Increase all construction equipment <75 HP to 75 HP, to apply Tier 4 interim reductions properly.
Construction: Trips and VMT	95 workers would be onsite during the peak construction phases. Exported soil would be transported to Chiquita Canyon Sanitary Landfill west of the city of Santa Clarita, approximately 36 miles to the north. During hauling acitivties, 10 workers would be onsite.
Operations: Vehicle Data	1,172 average daily trips per Traffic Study
Operations: Energy Use	No natural gas onsite. Therefore, converted default natural gas consumption into kWh and added to General Office and High Turnover land uses. Added digital canvas anticipated electricity consumption to General Office

Health Risk Calculations and AERMOD Output File

9160-9176 Sunset EIR Project

Construction Modeling Assumptions

AERMOD Sources

PolyAreas		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
Line Volume		
Onroad Hauling Exhaust		
Vehicle Height	14	ft
Plume Height	7.25	m
Plume Width	12.1	m
Release Height	3.63	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology: Santa Monica Airport

9160-9176 Sunset EIR Project

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2
Daily Breathing Rate	DBR	L/kg-day	361	1090
Fraction Of Time At Home [a]	FAH	unitless	0.85	0.85
Exposure Frequency	EF	days/year	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10
Inhalation Absorption Factor	A	unitless	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00

9160-9176 Sunset EIR Project

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment

Residential Receptors

	Start Date	*2/2/2026*	*5/4/2026*
OFFROAD	*End Date*	*5/3/2026*	*5/3/2028*

	2/2/2026	*10/7/2027*	*Days*	*90*	*730*
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2
Demolition	2/2/2026	4/2/2026	60	60	0
Site Preparation	4/3/2026	5/1/2026	29	29	0
Grading	5/4/2026	6/23/2026	51	0	51
Building Construction I	6/24/2026	12/31/2026	191	0	191
Building Construction II	1/1/2027	8/3/2027	215	0	215
Nighttime Construction	6/24/2026	12/5/2026	165	0	165
Paving	8/4/2027	10/7/2027	65	0	65
Architectural Coating I	9/11/2026	12/31/2026	112	0	112
Architectural Coating II	1/1/2027	10/8/2027	281	0	281

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase	Year	Equation	3rd Trimester	0<2
Demolition	2026		0.006909739	0
Site Preparation	2026	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.003339707	0
Grading	2026		0	0.017733721
Building Construction I	2026		0	0.066414524
Building Construction II	2027		0	0.074759805
Nighttime Construction	2026		0	0.057373804
Paving	2027		0	0.022601801
Architectural Coating I	2026		0	0.038944643
Architectural Coating II	2027		0	0.097709326

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2
	7.60071E-06	0
	3.67368E-06	0
$IF \cdot CPF \cdot CF_2$	0	1.95071E-05
	0	7.3056E-05
	0	8.22358E-05
	0	6.31112E-05
	0	2.4862E-05
	0	4.28391E-05
	0	0.00010748

9160-9176 Sunset EIR Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition	2026	0.021554153949443107	8	0.00033947
Site Preparation	2026	0.07092182625112561	8	0.001116994
Grading	2026	0.01932924885106961	8	0.000304429
Building Construction I	2026	0.03311607655934199	8	0.000521567
Building Construction II	2027	0.03311607655934199	8	0.000521567
Nighttime Construction	2026	0.03402614475653638	8	0.0005359
Paving	2027	0.012511674013366286	8	0.000197055
Architectural Coating I	2026	0.03206050327247989	8	0.000504942
Architectural Coating II	2027	0.03206050327247989	8	0.000504942

Risk Summary	
Maximum Risk, Uncontrolled	8.106
UTM X	371681.97
UTM Y	3773132.21

AERMOD Column Identifier:			*4*	*4*	*4*	*4*	*4*	*6*	*4*	*4*	*4*				
			Demolition	Site Preparation	Grading	uilding Construction	uilding Construction	ighttime Constructio	Paving	Architectural Coating I	Architectural Coating II	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2026	2027	2026	2027	3rd Trimester	0<2	Total	per million
371629.723772904.76	371629.72	3772905	0.000436977	0.001437828	0.00039187	0.000671376	0.000671376	0.00646215	0.000253654	0.000649976	0.000649976	8.60345E-09	6.23748E-07	6.32351E-07	0.632351197
371639.723772904.76	371639.72	3772904.8	0.000414514	0.001363917	0.000371726	0.000636864	0.000636864	0.005908683	0.000240615	0.000616564	0.000616564	8.16119E-09	5.77719E-07	5.8588E-07	0.585879954
371649.723772904.76	371649.72	3772904.8	0.000391674	0.001288765	0.000351244	0.000601773	0.000601773	0.00539072	0.000227358	0.000582592	0.000582592	7.71151E-09	5.33744E-07	5.41456E-07	0.541455765
371659.723772904.76	371659.72	3772904.8	0.000365155	0.001201506	0.000327462	0.000561028	0.000561028	0.004864734	0.000211964	0.000543146	0.000543146	7.18938E-09	4.87445E-07	4.94635E-07	0.494634571
371599.723772914.76	371599.72	3772914.8	0.000561077	0.001846168	0.00050316	0.000862045	0.000862045	0.009141746	0.000325692	0.000834568	0.000834568	1.10468E-08	8.54179E-07	8.65226E-07	0.865226019
371609.723772914.76	371609.72	3772914.8	0.000543278	0.001787604	0.000487199	0.0008347	0.0008347	0.008539405	0.00031536	0.000808094	0.000808094	1.06964E-08	8.0737E-07	8.18067E-07	0.818066791
371619.723772914.76	371619.72	3772914.8	0.000521705	0.001716619	0.000467853	0.000801554	0.000801554	0.007890655	0.000302837	0.000776005	0.000776005	1.02716E-08	7.55767E-07	7.66039E-07	0.766039101
371629.723772914.76	371629.72	3772914.8	0.000498081	0.001638887	0.000446667	0.000765258	0.000765258	0.0072425	0.000289124	0.000740866	0.000740866	9.80652E-09	7.03189E-07	7.12995E-07	0.712995463
371639.723772914.76	371639.72	3772914.8	0.000469549	0.001545004	0.00042108	0.000721421	0.000721421	0.006571768	0.000272562	0.000698425	0.000698425	9.24475E-09	6.4676E-07	6.56005E-07	0.656004836
371649.723772914.76	371649.72	3772914.8	0.000438735	0.001443614	0.000393447	0.000674078	0.000674078	0.005921963	0.000254675	0.000652592	0.000652592	8.63807E-09	5.90525E-07	5.99163E-07	0.599162836
371659.723772914.76	371659.72	3772914.8	0.000407453	0.001340683	0.000365394	0.000626016	0.000626016	0.005313786	0.000236517	0.000606061	0.000606061	8.02217E-09	5.36685E-07	5.44707E-07	0.544707374
371569.723772924.76	371569.72	3772924.8	0.000677637	0.002229699	0.000607689	0.001041131	0.001041131	0.011695224	0.000393352	0.001007945	0.001007945	1.33417E-08	1.07293E-06	1.08627E-06	1.086267496
371579.723772924.76	371579.72	3772924.8	0.000676229	0.002225063	0.000606426	0.001038966	0.001038966	0.011469449	0.000392535	0.001005849	0.001005849	1.3314E-08	1.05798E-06	1.07129E-06	1.071294752
371589.723772924.76	371589.72	3772924.8	0.000668078	0.002198244	0.000599116	0.001026443	0.001026443	0.011056624	0.000387803	0.000993725	0.000993725	1.31535E-08	1.0279E-06	1.04105E-06	1.041053068
371599.723772924.76	371599.72	3772924.8	0.000654631	0.002154	0.000587058	0.001005784	0.001005784	0.010501764	0.000379998	0.000973725	0.000973725	1.28888E-08	9.86238E-07	9.99126E-07	0.999126456
371609.723772924.76	371609.72	3772924.8	0.00062895	0.0020695	0.000564028	0.000966328	0.000966328	0.009733814	0.000365091	0.000935526	0.000935526	1.23831E-08	9.25082E-07	9.37465E-07	0.937465429
371619.723772924.76	371619.72	3772924.8	0.000599773	0.001973494	0.000537862	0.000921499	0.000921499	0.008924155	0.000348154	0.000892126	0.000892126	1.18087E-08	8.59567E-07	8.71376E-07	0.871375578
371629.723772924.76	371629.72	3772924.8	0.000572065	0.001882325	0.000513015	0.000878929	0.000878929	0.008168155	0.00033207	0.000850913	0.000850913	1.12632E-08	7.98164E-07	8.09427E-07	0.809427485
371639.723772924.76	371639.72	3772924.8	0.000534496	0.001758707	0.000479323	0.000821207	0.000821207	0.007334107	0.000310262	0.000795031	0.000795031	1.05235E-08	7.26963E-07	7.37487E-07	0.737486791
371649.723772924.76	371649.72	3772924.8	0.000495725	0.001631135	0.000444555	0.000761639	0.000761639	0.006547695	0.000287757	0.000737361	0.000737361	9.76013E-09	6.58175E-07	6.67935E-07	0.667935028
371659.723772924.76	371659.72	3772924.8	0.000457589	0.001505652	0.000410355	0.000703046	0.000703046	0.005826256	0.00026562	0.000680636	0.000680636	9.00929E-09	5.93801E-07	6.0281E-07	0.60280992
371569.723772934.76	371569.72	3772934.8	0.000798597	0.002627706	0.000716163	0.001226975	0.001226975	0.013465044	0.000463567	0.001187865	0.001187865	1.57233E-08	1.24439E-06	1.26011E-06	1.260111907
371579.723772934.76	371579.72	3772934.8	0.000799857	0.00263185	0.000717292	0.00122891	0.00122891	0.013292993	0.000464298	0.001189739	0.001189739	1.57481E-08	1.23415E-06	1.2499E-06	1.249900679
371589.723772934.76	371589.72	3772934.8	0.00079301	0.002609321	0.000711152	0.00121839	0.00121839	0.012885602	0.000460323	0.001179554	0.001179554	1.56132E-08	1.20506E-06	1.22067E-06	1.220671711
371599.723772934.76	371599.72	3772934.8	0.000771009	0.002536928	0.000691422	0.001184588	0.001184588	0.012159935	0.000447552	0.001146829	0.001146829	1.51801E-08	1.14839E-06	1.16357E-06	1.163569885
371609.723772934.76	371609.72	3772934.8	0.000735181	0.002419041	0.000659293	0.001129541	0.001129541	0.011188396	0.000426755	0.001093537	0.001093537	1.44747E-08	1.06937E-06	1.08385E-06	1.083846772
371619.723772934.76	371619.72	3772934.8	0.000696804	0.002292765	0.000624877	0.001070578	0.001070578	0.01018554	0.000404478	0.001036454	0.001036454	1.37191E-08	9.87118E-07	1.00084E-06	1.000837257
371629.723772934.76	371629.72	3772934.8	0.000661003	0.002174966	0.000592772	0.001015574	0.001015574	0.009254907	0.000383697	0.000983202	0.000983202	1.30142E-08	9.10695E-07	9.2371E-07	0.923709676
371639.723772934.76	371639.72	3772934.8	0.000615674	0.002025814	0.000552121	0.000945929	0.000945929	0.008263197	0.000357384	0.000915778	0.000915778	1.21217E-08	8.2571E-07	8.37832E-07	0.837831545
371649.723772934.76	371649.72	3772934.8	0.000567832	0.001868396	0.000509218	0.000872425	0.000872425	0.007315983	0.000329613	0.000844616	0.000844616	1.11798E-08	7.42291E-07	7.53471E-07	0.753470894
371659.723772934.76	371659.72	3772934.8	0.000518232	0.001705192	0.000464738	0.000796219	0.000796219	0.006418999	0.000300821	0.000770839	0.000770839	1.02033E-08	6.61174E-07	6.71377E-07	0.671376822
371569.723772944.76	371569.72	3772944.8	0.000955548	0.003144137	0.000856913	0.001468116	0.001468116	0.015678214	0.000554673	0.00142132	0.00142132	1.88134E-08	1.46162E-06	1.48043E-06	1.480428558
371579.723772944.76	371579.72	3772944.8	0.000959717	0.003157854	0.000860651	0.001474521	0.001474521	0.015577867	0.000557093	0.001427521	0.001427521	1.88955E-08	1.45734E-06	1.47624E-06	1.476237387
371589.723772944.76	371589.72	3772944.8	0.000947279	0.003116927	0.000849497	0.001455411	0.001455411	0.015078505	0.000549873	0.00140902	0.00140902	1.86506E-08	1.41968E-06	1.43833E-06	1.438331331
371599.723772944.76	371599.72	3772944.8	0.000916984	0.003017247	0.00082233	0.001408866	0.001408866	0.014192721	0.000532288	0.001363959	0.001363959	1.80541E-08	1.34881E-06	1.36686E-06	1.366863329
371609.723772944.76	371609.72	3772944.8	0.000875185	0.002879711	0.000784845	0.001344646	0.001344646	0.013071356	0.000508024	0.001301785	0.001301785	1.72312E-08	1.25739E-06	1.27462E-06	1.274616433

371619.723772944.76	371619.72	3772944.8	0.000828583	0.00272637	0.000743053	0.001273045	0.001273045	0.011870061	0.000480973	0.001232467	0.001232467	1.63136E-08	1.15854E-06	1.17486E-06	1.174857065
371629.723772944.76	371629.72	3772944.8	0.00077257	0.002542066	0.000692822	0.001186987	0.001186987	0.010585621	0.000448459	0.001149152	0.001149152	1.52108E-08	1.0498E-06	1.06502E-06	1.065015433
371639.723772944.76	371639.72	3772944.8	0.000711605	0.002341465	0.00063815	0.001093319	0.001093319	0.009321637	0.00041307	0.001058469	0.001058469	1.40105E-08	9.39909E-07	9.5392E-07	0.953919988
371649.723772944.76	371649.72	3772944.8	0.000650164	0.002139301	0.000583051	0.00099892	0.00099892	0.008148	0.000377405	0.00096708	0.00096708	1.28008E-08	8.35481E-07	8.48282E-07	0.848282285
371659.723772944.76	371659.72	3772944.8	0.000591354	0.001945793	0.000530312	0.000908564	0.000908564	0.007091554	0.000343267	0.000879604	0.000879604	1.16429E-08	7.39749E-07	7.51392E-07	0.751392367
371569.723772954.76	371569.72	3772954.8	0.001163555	0.003828564	0.001043449	0.001787701	0.001787701	0.018488672	0.000675416	0.001730718	0.001730718	2.29088E-08	1.74176E-06	1.76467E-06	1.764673325
371579.723772954.76	371579.72	3772954.8	0.001171825	0.003855774	0.001050864	0.001800407	0.001800407	0.018501528	0.000680216	0.001743019	0.001743019	2.30716E-08	1.74666E-06	1.76973E-06	1.769733542
371589.723772954.76	371589.72	3772954.8	0.001156145	0.00380418	0.001036803	0.001776315	0.001776315	0.017965896	0.000671114	0.001719695	0.001719695	2.27629E-08	1.70511E-06	1.72787E-06	1.727872761
371599.723772954.76	371599.72	3772954.8	0.001116505	0.003673749	0.001001255	0.001715412	0.001715412	0.016909755	0.000648104	0.001660733	0.001660733	2.19824E-08	1.61887E-06	1.64085E-06	1.640851558
371609.723772954.76	371609.72	3772954.8	0.001059124	0.003484944	0.000949797	0.001627252	0.001627252	0.015492064	0.000614796	0.001575383	0.001575383	2.08527E-08	1.50104E-06	1.5219E-06	1.521897356
371619.723772954.76	371619.72	3772954.8	0.000994268	0.003271542	0.000891636	0.001527606	0.001527606	0.013936507	0.000577149	0.001478914	0.001478914	1.95757E-08	1.37083E-06	1.3904E-06	1.390401587
371629.723772954.76	371629.72	3772954.8	0.000915959	0.003013874	0.00082141	0.001407291	0.001407291	0.012249173	0.000531693	0.001362434	0.001362434	1.80339E-08	1.22564E-06	1.24368E-06	1.243676942
371639.723772954.76	371639.72	3772954.8	0.000836156	0.002751291	0.000749845	0.001284681	0.001284681	0.010647754	0.000485369	0.001243732	0.001243732	1.64627E-08	1.08514E-06	1.10161E-06	1.101607082
371649.723772954.76	371649.72	3772954.8	0.000757416	0.002492204	0.000679233	0.001163704	0.001163704	0.009181306	0.000439662	0.001126611	0.001126611	1.49125E-08	9.53689E-07	9.68601E-07	0.968601381
371659.723772954.76	371659.72	3772954.8	0.000682033	0.002244164	0.000611631	0.001047885	0.001047885	0.00786326	0.000395904	0.001014484	0.001014484	1.34283E-08	8.33258E-07	8.46686E-07	0.846686473
371569.723772964.76	371569.72	3772964.8	0.001443517	0.004749749	0.001294511	0.002217837	0.002217837	0.022081838	0.000837927	0.002147144	0.002147144	2.84208E-08	2.10686E-06	2.13529E-06	2.1352856
371579.723772964.76	371579.72	3772964.8	0.001462174	0.004811139	0.001311242	0.002246503	0.002246503	0.022339253	0.000848757	0.002174895	0.002174895	2.87881E-08	2.13233E-06	2.16112E-06	2.161117378
371589.723772964.76	371589.72	3772964.8	0.001448972	0.0047677	0.001299403	0.002226219	0.002226219	0.021882141	0.000841094	0.002155258	0.002155258	2.85282E-08	2.09696E-06	2.12549E-06	2.12548535
371599.723772964.76	371599.72	3772964.8	0.001393275	0.004584434	0.001249456	0.002140645	0.002140645	0.020575322	0.000808763	0.002072412	0.002072412	2.74316E-08	1.98696E-06	2.01439E-06	2.014393551
371609.723772964.76	371609.72	3772964.8	0.001312233	0.004317774	0.001176779	0.002016132	0.002016132	0.018744827	0.00076172	0.001951868	0.001951868	2.5836E-08	1.83139E-06	1.85723E-06	1.857229817
371619.723772964.76	371619.72	3772964.8	0.001218023	0.004007786	0.001092294	0.001871387	0.001871387	0.016658617	0.000707034	0.001811736	0.001811736	2.39812E-08	1.65318E-06	1.67716E-06	1.677161871
371629.723772964.76	371629.72	3772964.8	0.001105679	0.003638128	0.000991546	0.001698779	0.001698779	0.014378861	0.00064182	0.001644631	0.001644631	2.17693E-08	1.45379E-06	1.47556E-06	1.475561573
371639.723772964.76	371639.72	3772964.8	0.000994597	0.003272625	0.000891931	0.001528112	0.001528112	0.012250571	0.00057734	0.001479404	0.001479404	1.95822E-08	1.26459E-06	1.28417E-06	1.28416936
371649.723772964.76	371649.72	3772964.8	0.000892875	0.002937918	0.000800709	0.001371825	0.001371825	0.01039207	0.000518293	0.001328098	0.001328098	1.75795E-08	1.09703E-06	1.11461E-06	1.114612525
371659.723772964.76	371659.72	3772964.8	0.000798967	0.002628924	0.000716495	0.001227544	0.001227544	0.008761011	0.000463782	0.001188416	0.001188416	1.57305E-08	9.47694E-07	9.63425E-07	0.963424903
371569.723772970.33	371569.72	3772970.3	0.00164227	0.005403727	0.001472748	0.002523204	0.002523204	0.024520826	0.000953299	0.002442777	0.002442777	3.2334E-08	2.359E-06	2.39133E-06	2.391331809
371579.723772970.33	371579.72	3772970.3	0.001668195	0.005489032	0.001495997	0.002563036	0.002563036	0.024957676	0.000968348	0.00248134	0.00248134	3.28444E-08	2.39938E-06	2.43222E-06	2.432222277
371589.723772970.33	371589.72	3772970.3	0.001651863	0.005435293	0.001481351	0.002537944	0.002537944	0.024500784	0.000958867	0.002457047	0.002457047	3.25229E-08	2.36247E-06	2.395E-06	2.394995972
371599.723772970.33	371599.72	3772970.3	0.001588572	0.005227041	0.001424594	0.002440703	0.002440703	0.023092203	0.000922128	0.002362905	0.002362905	3.12767E-08	2.2423E-06	2.27358E-06	2.273580099
371609.723772970.33	371609.72	3772970.3	0.001495669	0.004921353	0.001341281	0.002297966	0.002297966	0.02105402	0.000868201	0.002224718	0.002224718	2.94476E-08	2.06777E-06	2.09721E-06	2.09721473
371619.723772974.76	371619.72	3772974.8	0.001518482	0.004996415	0.001361738	0.002333015	0.002333015	0.02020278	0.000881443	0.00225865	0.00225865	2.98968E-08	2.02532E-06	2.05521E-06	2.055212944
371629.723772974.76	371629.72	3772974.8	0.001354063	0.00445541	0.001214291	0.002080399	0.002080399	0.017044765	0.000786001	0.002014087	0.002014087	2.66596E-08	1.74477E-06	1.77143E-06	1.771428775
371639.723772974.76	371639.72	3772974.8	0.001197295	0.003939582	0.001073706	0.00183954	0.00183954	0.014158193	0.000695001	0.001780904	0.001780904	2.35731E-08	1.48513E-06	1.50871E-06	1.508707164
371649.723772974.76	371649.72	3772974.8	0.001062556	0.003496236	0.000952875	0.001632525	0.001632525	0.011741198	0.000616789	0.001580488	0.001580488	2.09202E-08	1.26602E-06	1.28694E-06	1.286939157
371659.723772974.76	371659.72	3772974.8	0.000955205	0.003143009	0.000856605	0.00146759	0.00146759	0.009792832	0.000554474	0.00142081	0.00142081	1.88066E-08	1.09001E-06	1.10882E-06	1.108818966
371619.723772984.76	371619.72	3772984.8	0.001926464	0.006338841	0.001727607	0.002959844	0.002959844	0.024825775	0.001118267	0.002865499	0.002865499	3.79294E-08	2.51867E-06	2.5566E-06	2.556595765
371629.723772984.76	371629.72	3772984.8	0.001685583	0.005546245	0.00151159	0.002589751	0.002589751	0.020385168	0.000978441	0.002507203	0.002507203	3.31867E-08	2.11939E-06	2.15258E-06	2.152579651
371639.723772984.76	371639.72	3772984.8	0.001469778	0.00483616	0.001318062	0.002258186	0.002258186	0.016469899	0.000853171	0.002186206	0.002186206	2.89379E-08	1.76566E-06	1.7946E-06	1.794602528
371649.723772984.76	371649.72	3772984.8	0.001297032	0.004267755	0.001163147	0.001992776	0.001992776	0.013330147	0.000752896	0.001929256	0.001929256	2.55367E-08	1.48216E-06	1.50769E-06	1.507692492
371659.723772984.76	371659.72	3772984.8	0.001175878	0.003869111	0.001054499	0.001806634	0.001806634	0.010956218	0.000682569	0.001749048	0.001749048	2.31514E-08	1.27247E-06	1.29562E-06	1.295622609
371569.873772991.4	371569.87	3772991.4	0.002865609	0.009429005	0.00256981	0.004402758	0.004402758	0.038036063	0.001663418	0.004262421	0.004262421	5.64198E-08	3.81642E-06	3.87284E-06	3.872842635
371579.873772991.4	371579.87	3772991.4	0.002992816	0.009847566	0.002683885	0.0045982	0.0045982	0.040386113	0.001737258	0.004451633	0.004451633	5.89243E-08	4.02759E-06	4.08652E-06	4.086515331
371589.873772991.4	371589.87	3772991.4	0.002990395	0.009839601	0.002681715	0.004594481	0.004594481	0.04053946	0.001735853	0.004448032	0.004448032	5.88767E-08	4.03607E-06	4.09495E-06	4.094949684
371599.873772991.4	371599.87	3772991.4	0.002861108	0.009414194	0.002565773	0.004395842	0.004395842	0.038482296	0.001660805	0.004255725	0.004255725	5.63312E-08	3.84236E-06	3.89869E-06	3.898692145
371609.873772991.4	371609.87	3772991.4	0.002619958	0.008620715	0.002349516	0.004025337	0.004025337	0.034441733	0.001520823	0.00389703	0.00389703	5.15833E-08	3.4682E-06	3.51979E-06	3.519785489
371619.723772994.76	371619.72	3772994.8	0.002544168	0.008371335	0.002281549	0.003908892	0.003908892	0.031526797	0.001476829	0.003784296	0.003784296	5.00911E-08	3.24679E-06	3.29688E-06	3.296879608
371629.723772994.76	371629.72	3772994.8	0.002179037	0.007169907	0.001954108	0.0033479	0.0033479	0.024970752	0.001264879	0.003241186	0.003241186	4.29022E-08	2.65261E-06	2.69552E-06	2.695516606
371639.723772994.76	371639.72	3772994.8	0.001877791	0.006178687	0.001683958	0.002885062	0.002885062	0.019451373	0.001090013	0.002793101	0.002793101	3.69711E-08	2.15543E-06	2.1924E-06	2.192402742
371649.723772994.76	371649.72	3772994.8	0.001661854	0.005468167	0.001490311	0.002553293	0.002553293	0.015301643	0.000964667	0.002471907	0.002471907	3.27196E-08	1.78684E-06	1.81956E-06	1.819560446
371659.723772994.76	371659.72	3772994.8	0.001519741	0.005000559	0.001362868	0.00233495	0.00233495	0.01227063	0.000882174	0.002260523	0.002260523	2.99216E-08	1.52533E-06	1.55525E-06	1.555252651
371570.043773001.54	371570.04	3773001.5	0.003908405	0.012860222	0.003504964	0.006004923	0.006004923	0.048106936	0.002268736	0.005813516	0.005813516	7.6951E-08	4.96726E-06	5.04421E-06	5.044212668
371580.043773001.54	371580.04	3773001.5	0.004156401	0.01367623	0.003727361	0.006385948	0.006385948	0.05250698	0.002412692	0.006182396	0.006182396	8.18337E-08	5.36749E-06	5.44932E-06	5.449324669
371590.043773001.54	371590.04	3773001.5	0.004199005	0.013816413	0.003765567	0.006451405	0.006451405	0.053694229	0.002437423	0.006245766	0.006245766	8.26725E-08	5.46347E-06	5.54614E-06	5.546142926
371600.043773001.54	371600.04	3773001.5	0.004018471	0.013222385	0.003603669	0.00617403	0.00617403	0.051380803	0.002332627	0.005977233	0.005977233	7.9118E-08	5.22826E-06	5.30738E-06	5.307382107
371610.043773001.54	371610.04	3773001.5	0.003632466	0.011952273	0.003257509	0.005580967	0.005580967	0.045713194	0.00210856	0.005403074	0.005403074	7.15181E-08	4.67985E-06	4.75136E-06	4.751364358
371619.723773004.76	371619.72	3773004.8	0.003494719	0.01149903	0.00313398	0.005369331	0.005369331	0.04120574	0.002028601	0.005198184	0.005198184	6.88061E-08	4.32731E-06	4.39612E-06	4.396119592
371629.723773004.76	371629.72	3773004.8	0.002946519	0.00969523	0.002642367	0.004527069	0.004527069	0.031160836	0.001710384	0.004382769	0.004382769	5.80128E-08	3.4225E-06	3.48051E-06	3.480509939
371639.723773004.76	371639.72	3773004.8	0.002542281	0.008365124	0.002279856	0.003905992	0.003905992	0.023206944	0.001475733	0.003781489	0.003781489	5.00539E-08	2.72078E-06	2.77083E-06	2.770834108
371649.723773004.76	371649.72	3773004.8	0.002311251	0.007604943	0.002072674	0.003551035	0.003551035	0.017808058	0.001341626	0.003437846	0.003437846	4.55053E-08	2.2659E-06	2.3114E-06	2.311401431
371659.723773004.76	371659.72	3773004.8	0.002109113	0.006939829	0.001891402	0.003240468	0.003240468	0.013677443	0.00122429	0.003137178	0.003137178	4.15255E-08	1.90533E-06	1.94686E-06	1.94685567

371619.723773014.76	371619.72	3773014.8	0.004911625	0.016161219	0.004404627	0.007546283	0.007546283	0.053978631	0.002851081	0.007305745	0.007305745	9.6703E-08	5.83353E-06	5.93023E-06	5.930233836
371629.723773014.76	371629.72	3773014.8	0.004198893	0.013816045	0.003765467	0.006451233	0.006451233	0.038695611	0.002437358	0.0062456	0.0062456	8.26703E-08	4.51683E-06	4.5995E-06	4.599504815
371639.723773014.76	371639.72	3773014.8	0.003800501	0.012505174	0.003408198	0.005839137	0.005839137	0.027699758	0.0022061	0.005653015	0.005653015	7.48265E-08	3.62602E-06	3.70085E-06	3.700850709
371649.723773014.76	371649.72	3773014.8	0.003591353	0.011816994	0.003220639	0.0055178	0.0055178	0.020557224	0.002084695	0.005341921	0.005341921	7.07087E-08	3.07191E-06	3.14262E-06	3.142617449
371659.723773014.76	371659.72	3773014.8	0.003187485	0.010488106	0.00285846	0.004897292	0.004897292	0.015003613	0.001850259	0.004741191	0.004741191	6.27571E-08	2.52186E-06	2.58462E-06	2.58461624
371619.723773020.25	371619.72	3773020.3	0.005951385	0.019582449	0.00533706	0.009143784	0.009143784	0.061178008	0.003454638	0.008852326	0.008852326	1.17174E-07	6.80165E-06	6.91882E-06	6.918821007
371629.723773020.25	371629.72	3773020.3	0.005240874	0.01724458	0.00469989	0.008052145	0.008052145	0.042351821	0.003042203	0.007795483	0.007795483	1.03185E-07	5.26243E-06	5.36562E-06	5.365619225
371639.723773020.25	371639.72	3773020.3	0.00495267	0.016296274	0.004441436	0.007609345	0.007609345	0.029553817	0.002874907	0.007366798	0.007366798	9.75111E-08	4.31233E-06	4.40984E-06	4.409843862
371649.723773020.25	371649.72	3773020.3	0.004660284	0.015334207	0.004179231	0.00716012	0.00716012	0.021306536	0.002705184	0.006931891	0.006931891	9.17544E-08	3.64737E-06	3.73912E-06	3.739121187
371659.723773020.25	371659.72	3773020.3	0.004105579	0.013509005	0.003681785	0.006307864	0.006307864	0.015574469	0.002383191	0.006106801	0.006106801	8.08331E-08	3.01152E-06	3.09236E-06	3.092357928
371678.383772888.96	371678.38	3772889	0.000277629	0.000913511	0.000248971	0.000426553	0.000426553	0.003611767	0.000161157	0.000412957	0.000412957	5.46613E-09	3.65122E-07	3.70588E-07	0.370587954
371688.383772888.96	371688.38	3772889	0.000261735	0.000861214	0.000234718	0.000402133	0.000402133	0.003312146	0.000151931	0.000389315	0.000389315	5.1532E-09	3.38359E-07	3.43512E-07	0.343512181
371698.383772888.96	371698.38	3772889	0.000246337	0.000810547	0.000220909	0.000378475	0.000378475	0.003032626	0.000142993	0.000366411	0.000366411	4.85002E-09	3.1311E-07	3.1796E-07	0.317959697
371708.383772888.96	371708.38	3772889	0.000231692	0.00076236	0.000207776	0.000355974	0.000355974	0.002773641	0.000134492	0.000344628	0.000344628	4.56169E-09	2.89529E-07	2.9409E-07	0.294090453
371718.383772888.96	371718.38	3772889	0.000217937	0.000717099	0.00019544	0.000334841	0.000334841	0.002534775	0.000126507	0.000324168	0.000324168	4.29086E-09	2.67657E-07	2.71948E-07	0.271947839
371678.383772898.96	371678.38	3772899	0.000303941	0.00100009	0.000272567	0.00046698	0.00046698	0.003872252	0.000176431	0.000452095	0.000452095	5.98418E-09	3.94562E-07	4.00547E-07	0.400546675
371688.383772898.96	371688.38	3772899	0.000284364	0.000935672	0.000255011	0.000436901	0.000436901	0.003517889	0.000165067	0.000422975	0.000422975	5.59873E-09	3.62525E-07	3.68124E-07	0.368123613
371698.383772898.96	371698.38	3772899	0.000267679	0.000880772	0.000240048	0.000411266	0.000411266	0.003212897	0.000155381	0.000398157	0.000398157	5.27023E-09	3.35032E-07	3.40303E-07	0.340302555
371708.383772898.96	371708.38	3772899	0.000252444	0.000830642	0.000226386	0.000387858	0.000387858	0.002936673	0.000146538	0.000375495	0.000375495	4.97026E-09	3.10072E-07	3.15042E-07	0.315041793
371718.383772898.96	371718.38	3772899	0.000238301	0.000784108	0.000213703	0.000366129	0.000366129	0.002683482	0.000138328	0.000354459	0.000354459	4.69182E-09	2.87104E-07	2.91796E-07	0.291796298
371678.383772918.96	371678.38	3772919	0.000371275	0.001221645	0.000332951	0.000570432	0.000570432	0.004495038	0.000215517	0.00055225	0.00055225	7.30989E-09	4.67138E-07	4.74447E-07	0.474447395
371688.383772918.96	371688.38	3772919	0.000343758	0.001131102	0.000308274	0.000528154	0.000528154	0.004016854	0.000199543	0.000511319	0.000511319	6.76811E-09	4.23362E-07	4.3013E-07	0.430130268
371698.383772918.96	371698.38	3772919	0.000323043	0.001062943	0.000289698	0.000496328	0.000496328	0.00363397	0.000187519	0.000480508	0.000480508	6.36027E-09	3.88963E-07	3.95323E-07	0.395322934
371708.383772918.96	371708.38	3772919	0.000304732	0.001002692	0.000273277	0.000468195	0.000468195	0.003293491	0.00017689	0.000453271	0.000453271	5.99975E-09	3.58427E-07	3.64427E-07	0.364426764
371718.383772918.96	371718.38	3772919	0.000287772	0.000946887	0.000258067	0.000442137	0.000442137	0.002982862	0.000167045	0.000428044	0.000428044	5.66583E-09	3.30443E-07	3.36109E-07	0.336108627
371678.383772928.96	371678.38	3772929	0.00041558	0.001367424	0.000372682	0.000638502	0.000638502	0.00487154	0.000241234	0.00061815	0.00061815	8.18218E-09	5.1279E-07	5.20972E-07	0.520972289
371688.383772928.96	371688.38	3772929	0.00038701	0.001273418	0.000347061	0.000594607	0.000594607	0.004354552	0.00022465	0.000575654	0.000575654	7.61968E-09	4.66046E-07	4.73665E-07	0.473665464
371698.383772928.96	371698.38	3772929	0.000363261	0.001195273	0.000325763	0.000558118	0.000558118	0.003912852	0.000210864	0.000540328	0.000540328	7.15209E-09	4.26435E-07	4.33587E-07	0.433586939
371708.383772928.96	371708.38	3772929	0.000343089	0.001128901	0.000307674	0.000527127	0.000527127	0.003528746	0.000199155	0.000510324	0.000510324	6.75494E-09	3.92227E-07	3.98982E-07	0.398981563
371718.383772928.96	371718.38	3772929	0.000323824	0.001065512	0.000290398	0.000497528	0.000497528	0.003175057	0.000187972	0.000481669	0.000481669	6.37564E-09	3.60386E-07	3.66762E-07	0.366761581
371678.383772938.96	371678.38	3772939	0.000469172	0.001543764	0.000420742	0.000720842	0.000720842	0.005289493	0.000272343	0.000697865	0.000697865	9.23733E-09	5.65648E-07	5.74885E-07	0.57488536
371688.383772938.96	371688.38	3772939	0.000438158	0.001441716	0.00039293	0.000673191	0.000673191	0.004708915	0.00025434	0.000651733	0.000651733	8.62671E-09	5.13683E-07	5.22309E-07	0.522309486
371698.383772938.96	371698.38	3772939	0.000410532	0.001350815	0.000368155	0.000630746	0.000630746	0.004193942	0.000238304	0.000610641	0.000610641	8.08279E-09	4.67532E-07	4.75615E-07	0.475614713
371708.383772938.96	371708.38	3772939	0.000385985	0.001270045	0.000346142	0.000593032	0.000593032	0.003739124	0.000224055	0.000574129	0.000574129	7.59949E-09	4.26699E-07	4.34298E-07	0.434298359
371718.383772938.96	371718.38	3772939	0.00036616	0.001204812	0.000328363	0.000562572	0.000562572	0.003355843	0.000212547	0.00054464	0.00054464	7.20917E-09	3.92714E-07	3.99923E-07	0.399922975
371678.383772948.96	371678.38	3772949	0.000535002	0.001760372	0.000479777	0.000821984	0.000821984	0.005746857	0.000310556	0.000795783	0.000795783	1.05334E-08	6.2704E-07	6.37573E-07	0.637573451
371688.383772948.96	371688.38	3772949	0.000500536	0.001646963	0.000448868	0.000769029	0.000769029	0.005079656	0.000290549	0.000744516	0.000744516	9.85484E-09	5.67902E-07	5.77757E-07	0.577756864
371698.383772948.96	371698.38	3772949	0.00047016	0.001547015	0.000421628	0.000722359	0.000722359	0.004493628	0.000272917	0.000699334	0.000699334	9.25678E-09	5.15908E-07	5.25165E-07	0.525164935
371708.383772948.96	371708.38	3772949	0.000443949	0.001460771	0.000398123	0.000682089	0.000682089	0.003986881	0.000257702	0.000660348	0.000660348	8.74073E-09	4.70976E-07	4.79717E-07	0.479716646
371718.383772948.96	371718.38	3772949	0.000422291	0.001389507	0.0003787	0.000648813	0.000648813	0.003558569	0.00024513	0.000628132	0.000628132	8.31432E-09	4.33243E-07	4.41557E-07	0.441557397
371678.383772958.96	371678.38	3772959	0.000619717	0.002039117	0.000555747	0.000952141	0.000952141	0.006254639	0.000359731	0.000921791	0.000921791	1.22014E-08	7.00945E-07	7.13146E-07	0.713146373
371688.383772958.96	371688.38	3772959	0.000581044	0.00191187	0.000521067	0.000892724	0.000892724	0.005476823	0.000337282	0.000864268	0.000864268	1.14399E-08	6.32748E-07	6.44188E-07	0.644187685
371698.383772958.96	371698.38	3772959	0.000546418	0.001797936	0.000490015	0.000839524	0.000839524	0.004797339	0.000317183	0.000812764	0.000812764	1.07582E-08	5.72756E-07	5.83514E-07	0.583513937
371708.383772958.96	371708.38	3772959	0.000517421	0.001702522	0.000464011	0.000794972	0.000794972	0.004225914	0.000300351	0.000769632	0.000769632	1.01873E-08	5.22364E-07	5.32552E-07	0.532551778
371718.383772958.96	371718.38	3772959	0.000492589	0.001620814	0.000441742	0.000756819	0.000756819	0.003745351	0.000285936	0.000732696	0.000732696	9.69837E-09	4.79766E-07	4.89464E-07	0.489464138
371678.383772968.96	371678.38	3772969	0.000733657	0.002414025	0.000657926	0.0011272	0.0011272	0.006814708	0.00042587	0.00109127	0.00109127	1.44447E-08	7.9259E-07	8.07035E-07	0.807034963
371688.383772968.96	371688.38	3772969	0.000690819	0.002273072	0.00061951	0.001061383	0.001061383	0.00590625	0.000401004	0.001027552	0.001027552	1.36013E-08	7.1409E-07	7.27691E-07	0.727691203
371698.383772968.96	371698.38	3772969	0.00065216	0.002145869	0.000584842	0.001001987	0.001001987	0.00512807	0.000378563	0.000970049	0.000970049	1.28401E-08	6.45876E-07	6.58716E-07	0.658716493
371708.383772968.96	371708.38	3772969	0.000618519	0.002035174	0.000554673	0.0009503	0.0009503	0.004481292	0.000359035	0.000920009	0.000920009	1.21778E-08	5.88435E-07	6.00613E-07	0.600612673
371718.383772968.96	371718.38	3772969	0.000589103	0.001938387	0.000528294	0.000905106	0.000905106	0.003948811	0.000341961	0.000876256	0.000876256	1.15986E-08	5.40295E-07	5.51894E-07	0.551893771
371678.383772978.96	371678.38	3772979	0.000895462	0.002946429	0.000803029	0.001375799	0.001375799	0.007423603	0.000519794	0.001331946	0.001331946	1.76304E-08	9.10968E-07	9.28598E-07	0.928598079
371688.383772978.96	371688.38	3772979	0.00084852	0.002791972	0.000760932	0.001303677	0.001303677	0.00636834	0.000492546	0.001262122	0.001262122	1.67062E-08	8.21174E-07	8.37881E-07	0.837880592
371698.383772978.96	371698.38	3772979	0.000803241	0.002642987	0.000720328	0.00123411	0.00123411	0.005479893	0.000466263	0.001194773	0.001194773	1.58147E-08	7.42731E-07	7.58546E-07	0.758545646
371708.383772978.96	371708.38	3772979	0.000759467	0.00249895	0.000681072	0.001166854	0.001166854	0.004744547	0.000440852	0.001129661	0.001129661	1.49528E-08	6.74693E-07	6.89646E-07	0.689645777
371718.383772978.96	371718.38	3772979	0.000719402	0.002367123	0.000645143	0.001105299	0.001105299	0.004150036	0.000417596	0.001070068	0.001070068	1.4164E-08	6.17377E-07	6.31541E-07	0.631540541
371678.383772988.96	371678.38	3772989	0.001139096	0.003748085	0.001021514	0.001750122	0.001750122	0.008068751	0.000661218	0.001694337	0.001694337	2.24272E-08	1.07207E-06	1.09449E-06	1.094492887
371688.383772988.96	371688.38	3772989	0.001084717	0.003569154	0.000972748	0.001666573	0.001666573	0.006854927	0.000629652	0.001613451	0.001613451	2.13565E-08	9.6859E-07	9.89947E-07	0.98994684
371698.383772988.96	371698.38	3772989	0.00101595	0.003342884	0.00091108	0.001560919	0.001560919	0.005807098	0.000589735	0.001511165	0.001511165	2.00026E-08	8.68482E-07	8.88485E-07	0.888485061
371708.383772988.96	371708.38	3772989	0.000946909	0.00311571	0.000849165	0.001454843	0.001454843	0.004961796	0.000549658	0.001408469	0.001408469	1.86433E-08	7.8102E-07	7.99664E-07	0.799663742
371718.383772988.96	371718.38	3772989	0.000886822	0.002918002	0.000795281	0.001362525	0.001362525	0.004307971	0.000514779	0.001319095	0.001319095	1.74603E-08	7.10068E-07	7.27528E-07	0.727527937

371678.383772998.96	371678.38	3772999	0.00151892	0.004997856	0.001362131	0.002333688	0.002333688	0.008700958	0.000881697	0.002259301	0.002259301	2.99054E-08	1.29964E-06	1.32954E-06	1.329544296
371688.383772998.96	371688.38	3772999	0.001431564	0.00471042	0.001283792	0.002199473	0.002199473	0.007286696	0.000830989	0.002129365	0.002129365	2.81855E-08	1.16722E-06	1.19541E-06	1.195405359
371698.383772998.96	371698.38	3772999	0.001319559	0.004341879	0.001183349	0.002027387	0.002027387	0.006101848	0.000765973	0.001962764	0.001962764	2.59803E-08	1.0371E-06	1.06308E-06	1.063080416
371708.383772998.96	371708.38	3772999	0.00121509	0.003998135	0.001089664	0.00186688	0.00186688	0.005188814	0.000705331	0.001807374	0.001807374	2.39234E-08	9.27859E-07	9.51782E-07	0.951782066
371718.383772998.96	371718.38	3772999	0.001121244	0.003689342	0.001005504	0.001722693	0.001722693	0.004480172	0.000650855	0.001667782	0.001667782	2.20757E-08	8.36765E-07	8.58841E-07	0.85884072
371678.383773008.96	371678.38	3773009	0.002119277	0.006973272	0.001900516	0.003256084	0.003256084	0.009269076	0.00123019	0.003152296	0.003152296	4.17256E-08	1.63213E-06	1.67386E-06	1.67386053
371688.383773008.96	371688.38	3773009	0.001947613	0.00640843	0.001746573	0.002992338	0.002992338	0.00765591	0.001130543	0.002896957	0.002896957	3.83458E-08	1.44551E-06	1.48385E-06	1.483851546
371698.383773008.96	371698.38	3773009	0.00175732	0.005782288	0.001575922	0.002699968	0.002699968	0.006365999	0.001020082	0.002613907	0.002613907	3.45991E-08	1.27007E-06	1.30467E-06	1.304671448
371708.383773008.96	371708.38	3773009	0.001580035	0.005198949	0.001416937	0.002427585	0.002427585	0.005368598	0.000917173	0.002350206	0.002350206	3.11087E-08	1.11953E-06	1.15064E-06	1.150635753
371718.383773008.96	371718.38	3773009	0.001424435	0.004686963	0.001277399	0.00218852	0.00218852	0.00459748	0.000826851	0.002118761	0.002118761	2.80451E-08	9.93978E-07	1.02202E-06	1.022022975
371678.383773018.96	371678.38	3773019	0.003049134	0.010032875	0.00273439	0.004684728	0.004684728	0.009700223	0.00176995	0.004535402	0.004535402	6.00331E-08	2.1188E-06	2.17883E-06	2.178828626
371688.383773018.96	371688.38	3773019	0.002696957	0.008874072	0.002418566	0.004143639	0.004143639	0.007911582	0.001565519	0.004011561	0.004011561	5.30993E-08	1.8319E-06	1.885E-06	1.884997937
371698.383773018.96	371698.38	3773019	0.002360372	0.007766572	0.002116725	0.003626505	0.003626505	0.006530472	0.00137014	0.003510911	0.003510911	4.64724E-08	1.57843E-06	1.6249E-06	1.624898041
371708.383773018.96	371708.38	3773019	0.002067066	0.006801478	0.001853695	0.003175867	0.003175867	0.005475188	0.001199883	0.003074636	0.003074636	4.06976E-08	1.3669E-06	1.4076E-06	1.407598152
371718.383773018.96	371718.38	3773019	0.001819422	0.005986631	0.001631614	0.002795384	0.002795384	0.004661547	0.001056131	0.002706281	0.002706281	3.58219E-08	1.19319E-06	1.22901E-06	1.229009708
371734.813772871.37	371734.81	3772871.4	0.000173666	0.000571432	0.00015574	0.000266823	0.000266823	0.00202776	0.000100809	0.000258318	0.000258318	3.41924E-09	2.13784E-07	2.17204E-07	0.217203552
371754.813772871.37	371754.81	3772871.4	0.00015895	0.00052301	0.000142543	0.000244213	0.000244213	0.001755619	9.22668E-05	0.000236429	0.000236429	3.12951E-09	1.89338E-07	1.92467E-07	0.192467369
371774.813772871.37	371774.81	3772871.4	0.000146162	0.000480933	0.000131075	0.000224566	0.000224566	0.001521436	8.48438E-05	0.000217408	0.000217408	2.87773E-09	1.6824E-07	1.71117E-07	0.171117446
371734.813772911.37	371734.81	3772911.4	0.000245318	0.000807196	0.000219996	0.00037691	0.00037691	0.002465381	0.000142401	0.000364896	0.000364896	4.82997E-09	2.76807E-07	2.81637E-07	0.281636952
371754.813772911.37	371754.81	3772911.4	0.00022662	0.000745672	0.000203228	0.000348182	0.000348182	0.002090841	0.000131548	0.000337084	0.000337084	4.46183E-09	2.4393E-07	2.48392E-07	0.248392264
371774.813772911.37	371774.81	3772911.4	0.000210397	0.000692291	0.000188679	0.000323257	0.000323257	0.001780608	0.00012213	0.000312953	0.000312953	4.14242E-09	2.16335E-07	2.20478E-07	0.220477643
371734.813772931.37	371734.81	3772931.4	0.000307822	0.001012857	0.000276047	0.000472941	0.000472941	0.002731498	0.000178683	0.000457866	0.000457866	6.06057E-09	3.24485E-07	3.30546E-07	0.330545937
371754.813772931.37	371754.81	3772931.4	0.000284493	0.000936097	0.000255127	0.000437099	0.000437099	0.002274831	0.000165142	0.000423166	0.000423166	5.60127E-09	2.84138E-07	2.89739E-07	0.289739063
371774.813772931.37	371774.81	3772931.4	0.000263721	0.000867748	0.000236499	0.000405184	0.000405184	0.001911904	0.000153084	0.000392269	0.000392269	5.19229E-09	2.50969E-07	2.56162E-07	0.256161582
371734.813772951.37	371734.81	3772951.4	0.000409737	0.001348201	0.000367443	0.000629526	0.000629526	0.003033896	0.000237843	0.00060946	0.00060946	8.06715E-09	3.93928E-07	4.01995E-07	0.40199466
371754.813772951.37	371754.81	3772951.4	0.000376469	0.001238735	0.000337609	0.000578412	0.000578412	0.002479373	0.000218531	0.000559975	0.000559975	7.41215E-09	3.42493E-07	3.49905E-07	0.349905034
371774.813772951.37	371774.81	3772951.4	0.00034314	0.001129069	0.00030772	0.000527205	0.000527205	0.002046516	0.000199185	0.0005104	0.0005104	6.75594E-09	2.98707E-07	3.05462E-07	0.305462458
371734.813772971.37	371734.81	3772971.4	0.000562143	0.001849675	0.000504116	0.000863683	0.000863683	0.003254746	0.00032631	0.000836153	0.000836153	1.10678E-08	4.8317E-07	4.94238E-07	0.494238125
371754.813772971.37	371754.81	3772971.4	0.000506802	0.001667583	0.000454488	0.000778657	0.000778657	0.002620369	0.000294187	0.000753838	0.000753838	9.97822E-09	4.1579E-07	4.25768E-07	0.425768072
371774.813772971.37	371774.81	3772971.4	0.000454554	0.001495666	0.000407633	0.000698383	0.000698383	0.002151119	0.000263858	0.000676122	0.000676122	8.94953E-09	3.60359E-07	3.69308E-07	0.369308326
371734.813772991.37	371734.81	3772991.4	0.000832816	0.002740299	0.000746849	0.001279549	0.001279549	0.00350776	0.00048343	0.001238764	0.001238764	1.6397E-08	6.3288E-07	6.49277E-07	0.649277354
371754.813772991.37	371754.81	3772991.4	0.000717461	0.002360734	0.000643401	0.001102316	0.001102316	0.002768577	0.000416469	0.001067179	0.001067179	1.41258E-08	5.29232E-07	5.43357E-07	0.543357351
371774.813772991.37	371774.81	3772991.4	0.000617707	0.002032505	0.000553945	0.000949053	0.000949053	0.002236761	0.000358564	0.000918802	0.000918802	1.21618E-08	4.46379E-07	4.58541E-07	0.458540786
371734.813773011.37	371734.81	3773011.4	0.001264198	0.00415972	0.001133703	0.00194233	0.00194233	0.003650947	0.000733837	0.001880418	0.001880418	2.48903E-08	8.55067E-07	8.79957E-07	0.879956915
371754.813773011.37	371754.81	3773011.4	0.001029807	0.00338848	0.000923507	0.001582209	0.001582209	0.002837247	0.000597779	0.001531776	0.001531776	2.02755E-08	6.87899E-07	7.08174E-07	0.708174065
371774.813773011.37	371774.81	3773011.4	0.00085295	0.002806548	0.000764905	0.001310483	0.001310483	0.002276546	0.000495117	0.001268712	0.001268712	1.67934E-08	5.65125E-07	5.81919E-07	0.581918762
371799.033772785.46	371799.03	3772785.5	8.06039E-05	0.000265219	7.22836E-05	0.000123841	0.000123841	0.000988789	4.67886E-05	0.000119893	0.000119893	1.58698E-09	1.02231E-07	1.03818E-07	0.103817676
371819.033772785.46	371819.03	3772785.5	7.578E-05	0.000249347	6.79577E-05	0.000116429	0.000116429	0.000898367	4.39885E-05	0.000112718	0.000112718	1.492E-09	9.41405E-08	9.56325E-08	0.095632519
371839.033772785.46	371839.03	3772785.5	7.1652E-05	0.000235764	6.42558E-05	0.000110087	0.000110087	0.000819257	4.15923E-05	0.000106578	0.000106578	1.41073E-09	8.71082E-08	8.85189E-08	0.088518887
371859.033772785.46	371859.03	3772785.5	6.75648E-05	0.000222315	6.05905E-05	0.000103807	0.000103807	0.000743867	3.92198E-05	0.000100499	0.000100499	1.33026E-09	8.03306E-08	8.16609E-08	0.081660905
371879.033772785.46	371879.03	3772785.5	6.41497E-05	0.000211078	5.75279E-05	9.85605E-05	9.85605E-05	0.000679044	3.72374E-05	9.54189E-05	9.54189E-05	1.26302E-09	7.45522E-08	7.58152E-08	0.075815229
371899.033772785.46	371899.03	3772785.5	6.19703E-05	0.000203907	5.55735E-05	9.5212E-05	9.5212E-05	0.000629747	3.59723E-05	9.21771E-05	9.21771E-05	1.22011E-09	7.03641E-08	7.15842E-08	0.071584239
371919.033772785.46	371919.03	3772785.5	5.95227E-05	0.000195854	5.33786E-05	9.14515E-05	9.14515E-05	0.000580787	3.45515E-05	8.85365E-05	8.85365E-05	1.17192E-09	6.60648E-08	6.72368E-08	0.067236767
371939.033772785.46	371939.03	3772785.5	5.73264E-05	0.000188627	5.14089E-05	8.8077E-05	8.8077E-05	0.000537143	3.32766E-05	8.52695E-05	8.52695E-05	1.12868E-09	6.22252E-08	6.33539E-08	0.063353871
371799.033772805.46	371799.03	3772805.5	8.88666E-05	0.000292407	7.96934E-05	0.000136536	0.000136536	0.001050192	5.15849E-05	0.000132184	0.000132184	1.74966E-09	1.10189E-07	1.11938E-07	0.111938275
371819.033772805.46	371819.03	3772805.5	8.35742E-05	0.000274993	7.49474E-05	0.000128405	0.000128405	0.000949454	4.85129E-05	0.000124312	0.000124312	1.64546E-09	1.01216E-07	1.02861E-07	0.10286136
371839.033772805.46	371839.03	3772805.5	7.90084E-05	0.000259969	7.08528E-05	0.000121389	0.000121389	0.000861036	4.58625E-05	0.00011752	0.00011752	1.55556E-09	9.33797E-08	9.49353E-08	0.094935252
371859.033772805.46	371859.03	3772805.5	7.45273E-05	0.000245225	6.68343E-05	0.000114505	0.000114505	0.000778089	4.32613E-05	0.000110855	0.000110855	1.46734E-09	8.59307E-08	8.73981E-08	0.087398064
371879.033772805.46	371879.03	3772805.5	7.12922E-05	0.00023458	6.39331E-05	0.000109534	0.000109534	0.00071204	4.13834E-05	0.000106043	0.000106043	1.40364E-09	8.01637E-08	8.15674E-08	0.081567379
371899.033772805.46	371899.03	3772805.5	6.9588E-05	0.000228973	6.24049E-05	0.000106916	0.000106916	0.000663964	4.03942E-05	0.000103508	0.000103508	1.37009E-09	7.62876E-08	7.76577E-08	0.077657689
371919.033772805.46	371919.03	3772805.5	6.6638E-05	0.000219266	5.97594E-05	0.000102384	0.000102384	0.000608493	3.86818E-05	9.91201E-05	9.91201E-05	1.31201E-09	7.13291E-08	7.26411E-08	0.072641148
371939.033772805.46	371939.03	3772805.5	6.41429E-05	0.000211056	5.75219E-05	9.855E-05	9.855E-05	0.000560985	3.72335E-05	9.54088E-05	9.54088E-05	1.26288E-09	6.7098E-08	6.83609E-08	0.068360912
371799.033772825.46	371799.03	3772825.5	9.91933E-05	0.000326386	8.89541E-05	0.000152402	0.000152402	0.001119307	5.75793E-05	0.000147544	0.000147544	1.95298E-09	1.19653E-07	1.21606E-07	0.12160603
371819.033772825.46	371819.03	3772825.5	9.34257E-05	0.000307408	8.37819E-05	0.00014354	0.00014354	0.00100702	5.42314E-05	0.000138965	0.000138965	1.83942E-09	1.09717E-07	1.11556E-07	0.111556079
371839.033772825.46	371839.03	3772825.5	8.93316E-05	0.000293937	8.01105E-05	0.00013725	0.00013725	0.000917418	5.18549E-05	0.000132875	0.000132875	1.75881E-09	1.02039E-07	1.03798E-07	0.103797669
371859.033772825.46	371859.03	3772825.5	8.51018E-05	0.000280019	7.63173E-05	0.000130752	0.000130752	0.000832151	4.93996E-05	0.000126584	0.000126584	1.67554E-09	9.45676E-08	9.62431E-08	0.096243105
371879.033772825.46	371879.03	3772825.5	8.05835E-05	0.000265152	7.22653E-05	0.00012381	0.00012381	0.000750608	4.67768E-05	0.000119863	0.000119863	1.58658E-09	8.71888E-08	8.87753E-08	0.088775343
371899.033772825.46	371899.03	3772825.5	7.82887E-05	0.000257601	7.02074E-05	0.000120284	0.000120284	0.000694012	4.54447E-05	0.00011645	0.00011645	1.54139E-09	8.2483E-08	8.40244E-08	0.084024405
371919.033772825.46	371919.03	3772825.5	7.53726E-05	0.000248006	6.75924E-05	0.000115803	0.000115803	0.000637335	4.3752E-05	0.000112112	0.000112112	1.48398E-09	7.74652E-08	7.89492E-08	0.078949208
371939.033772825.46	371939.03	3772825.5	7.21748E-05	0.000237484	6.47246E-05	0.00011089	0.00011089	0.000583622	4.18958E-05	0.000107356	0.000107356	1.42102E-09	7.24953E-08	7.39163E-08	0.073916275

371799.033772845.46	371799.03	3772845.5	0.000112205	0.0003692	0.000100623	0.000172393	0.000172393	0.001194934	6.51324E-05	0.000166898	0.000166898	2.20916E-09	1.30855E-07	1.33064E-07	0.133064367
371819.033772845.46	371819.03	3772845.5	0.000106118	0.000349172	9.51645E-05	0.000163042	0.000163042	0.001071253	6.15992E-05	0.000157845	0.000157845	2.08932E-09	1.20042E-07	1.22131E-07	0.122131422
371839.033772845.46	371839.03	3772845.5	0.00010159	0.000334272	9.11034E-05	0.000156084	0.000156084	0.000970311	5.89705E-05	0.000151109	0.000151109	2.00016E-09	1.11434E-07	1.13434E-07	0.113434097
371859.033772845.46	371859.03	3772845.5	9.71463E-05	0.00031965	8.71184E-05	0.000149257	0.000149257	0.000878152	5.63911E-05	0.000144499	0.000144499	1.91267E-09	1.03422E-07	1.05335E-07	0.105334707
371879.033772845.46	371879.03	3772845.5	9.2302E-05	0.000303711	8.27742E-05	0.000141814	0.000141814	0.000791256	5.35791E-05	0.000137294	0.000137294	1.8173E-09	9.55443E-08	9.73616E-08	0.097361628
371899.033772845.46	371899.03	3772845.5	8.92875E-05	0.000293792	8.00709E-05	0.000137182	0.000137182	0.000726252	5.18293E-05	0.00013281	0.00013281	1.75795E-09	8.99523E-08	9.17103E-08	0.091710267
371919.033772845.46	371919.03	3772845.5	8.56077E-05	0.000281684	7.67709E-05	0.000131529	0.000131529	0.000663123	4.96932E-05	0.000127336	0.000127336	1.68549E-09	8.41499E-08	8.58354E-08	0.085835419
371939.033772845.46	371939.03	3772845.5	8.20568E-05	0.00027	7.35866E-05	0.000126073	0.000126073	0.000607255	4.7632E-05	0.000122055	0.000122055	1.61558E-09	7.88695E-08	8.04851E-08	0.080485128
371799.033772865.46	371799.03	3772865.5	0.000128992	0.000424435	0.000115677	0.000198185	0.000198185	0.001276283	7.48768E-05	0.000191868	0.000191868	2.53967E-09	1.44284E-07	1.46823E-07	0.146823453
371819.033772865.46	371819.03	3772865.5	0.000122739	0.00040386	0.000110069	0.000188578	0.000188578	0.001141103	7.1247E-05	0.000182567	0.000182567	2.41656E-09	1.32663E-07	1.35079E-07	0.135079238
371839.033772865.46	371839.03	3772865.5	0.000116825	0.000384402	0.000104766	0.000179492	0.000179492	0.00102112	6.78143E-05	0.000173771	0.000173771	2.30013E-09	1.22168E-07	1.24469E-07	0.124468614
371859.033772865.46	371859.03	3772865.5	0.000111591	0.000367178	0.000100072	0.000171449	0.000171449	0.000918602	6.47758E-05	0.000165984	0.000165984	2.19706E-09	1.13112E-07	1.15309E-07	0.115309063
371879.033772865.46	371879.03	3772865.5	0.000106794	0.000351395	9.57703E-05	0.00016408	0.00016408	0.000830398	6.19914E-05	0.00015885	0.00015885	2.10262E-09	1.05175E-07	1.07278E-07	0.107277879
371899.033772865.46	371899.03	3772865.5	0.000102299	0.000336606	9.17397E-05	0.000157174	0.000157174	0.000754193	5.93824E-05	0.000152164	0.000152164	2.01413E-09	9.81451E-08	1.00159E-07	0.100159186
371919.033772865.46	371919.03	3772865.5	9.77743E-05	0.000321717	8.76816E-05	0.000150222	0.000150222	0.00068645	5.67556E-05	0.000145433	0.000145433	1.92504E-09	9.16338E-08	9.35588E-08	0.093558833
371939.033772865.46	371939.03	3772865.5	9.32559E-05	0.000306849	8.36297E-05	0.00014328	0.00014328	0.000626199	5.41328E-05	0.000138713	0.000138713	1.83608E-09	8.55987E-08	8.74348E-08	0.087434791
371799.033772885.46	371799.03	3772885.5	0.000151957	0.0005	0.000136272	0.000233469	0.000233469	0.001367676	8.82075E-05	0.000226027	0.000226027	2.99182E-09	1.61399E-07	1.64391E-07	0.164390775
371819.033772885.46	371819.03	3772885.5	0.000145371	0.00047833	0.000130366	0.000223351	0.000223351	0.001218647	8.43847E-05	0.000216231	0.000216231	2.86216E-09	1.4874E-07	1.51602E-07	0.151601688
371839.033772885.46	371839.03	3772885.5	0.000138151	0.000454572	0.00012389	0.000212257	0.000212257	0.00108277	8.01933E-05	0.000205491	0.000205491	2.72E-09	1.36596E-07	1.39316E-07	0.139316411
371859.033772885.46	371859.03	3772885.5	0.000131619	0.000433081	0.000118033	0.000202222	0.000202222	0.000968677	7.6402E-05	0.000195776	0.000195776	2.5914E-09	1.26169E-07	1.2876E-07	0.12876004
371879.033772885.46	371879.03	3772885.5	0.000125356	0.000412472	0.000112416	0.000192599	0.000192599	0.000870945	7.27663E-05	0.00018646	0.00018646	2.46809E-09	1.16906E-07	1.19374E-07	0.119374024
371899.033772885.46	371899.03	3772885.5	0.000119062	0.000391763	0.000106772	0.000182929	0.000182929	0.000785415	6.91129E-05	0.000177098	0.000177098	2.34417E-09	1.08398E-07	1.10742E-07	0.11074242
371919.033772885.46	371919.03	3772885.5	0.000113162	0.00037235	0.000101481	0.000173864	0.000173864	0.000712275	6.56881E-05	0.000168322	0.000168322	2.22801E-09	1.00867E-07	1.03095E-07	0.103095091
371939.033772885.46	371939.03	3772885.5	0.000107025	0.000352155	9.59773E-05	0.000164434	0.000164434	0.000646172	6.21254E-05	0.000159193	0.000159193	2.10717E-09	9.36626E-08	9.57697E-08	0.095769742
371799.033772905.46	371799.03	3772905.5	0.000183637	0.000604238	0.000164681	0.000282142	0.000282142	0.001464106	0.000106597	0.000273148	0.000273148	3.61554E-09	1.83138E-07	1.86753E-07	0.186753351
371819.033772905.46	371819.03	3772905.5	0.000175808	0.00057848	0.000157661	0.000270114	0.000270114	0.001297173	0.000102053	0.000261504	0.000261504	3.46142E-09	1.68735E-07	1.72196E-07	0.172195921
371839.033772905.46	371839.03	3772905.5	0.000165421	0.0005443	0.000148345	0.000254154	0.000254154	0.001139506	9.60227E-05	0.000246053	0.000246053	3.2569E-09	1.53651E-07	1.56908E-07	0.156908143
371859.033772905.46	371859.03	3772905.5	0.000156954	0.000516442	0.000140753	0.000241146	0.000241146	0.001015659	9.11082E-05	0.00023346	0.00023346	3.09021E-09	1.41652E-07	1.44742E-07	0.144742036
371879.033772905.46	371879.03	3772905.5	0.00014787	0.000486551	0.000132606	0.000227189	0.000227189	0.000905891	8.5835E-05	0.000219948	0.000219948	2.91135E-09	1.30236E-07	1.33147E-07	0.133146973
371899.033772905.46	371899.03	3772905.5	0.000139746	0.000459822	0.000125321	0.000214708	0.000214708	0.000815361	8.11195E-05	0.000207864	0.000207864	2.75141E-09	1.20508E-07	1.2326E-07	0.123259699
371919.033772905.46	371919.03	3772905.5	0.000131212	0.000431741	0.000117668	0.000201596	0.000201596	0.000733829	7.61655E-05	0.00019517	0.00019517	2.58338E-09	1.11146E-07	1.13729E-07	0.113729237
371939.033772905.46	371939.03	3772905.5	0.000124083	0.000408284	0.000111275	0.000190643	0.000190643	0.000667855	7.20274E-05	0.000184566	0.000184566	2.44302E-09	1.0346E-07	1.05903E-07	0.105902702
371799.033772925.46	371799.03	3772925.5	0.000228073	0.000750453	0.000204531	0.000350415	0.000350415	0.001562974	0.000132391	0.000339245	0.000339245	4.49044E-09	2.11334E-07	2.15824E-07	0.215824476
371819.033772925.46	371819.03	3772925.5	0.000214892	0.00070708	0.00019271	0.000330162	0.000330162	0.001363356	0.000124739	0.000319638	0.000319638	4.23091E-09	1.92223E-07	1.96454E-07	0.1964537
371839.033772925.46	371839.03	3772925.5	0.000201085	0.000661651	0.000180328	0.00030895	0.00030895	0.001193862	0.000116725	0.000299102	0.000299102	3.95909E-09	1.74704E-07	1.78663E-07	0.178663088
371859.033772925.46	371859.03	3772925.5	0.000187405	0.000616637	0.00016806	0.000287931	0.000287931	0.001051109	0.000108784	0.000278753	0.000278753	3.68973E-09	1.58935E-07	1.62625E-07	0.162624692
371879.033772925.46	371879.03	3772925.5	0.000175557	0.000577654	0.000157435	0.000269728	0.000269728	0.000936785	0.000101907	0.000261131	0.000261131	3.45647E-09	1.45866E-07	1.49322E-07	0.149322377
371899.033772925.46	371899.03	3772925.5	0.000163991	0.000539598	0.000147064	0.000251958	0.000251958	0.000838432	9.51931E-05	0.000243927	0.000243927	3.22876E-09	1.33944E-07	1.37173E-07	0.137172705
371919.033772925.46	371919.03	3772925.5	0.000152375	0.000501374	0.000136646	0.00023411	0.00023411	0.000751117	8.84499E-05	0.000226648	0.000226648	3.00004E-09	1.22694E-07	1.25694E-07	0.125693588
371939.033772925.46	371939.03	3772925.5	0.000142931	0.000470299	0.000128177	0.0002196	0.0002196	0.000681799	8.29678E-05	0.000212601	0.000212601	2.8141E-09	1.13652E-07	1.16466E-07	0.11646647
371799.033772945.46	371799.03	3772945.5	0.000289001	0.000950931	0.00025917	0.000444025	0.000444025	0.001653246	0.000167758	0.000429872	0.000429872	5.69003E-09	2.47136E-07	2.52826E-07	0.25282638
371819.033772945.46	371819.03	3772945.5	0.000267272	0.000879432	0.000239683	0.00041064	0.00041064	0.001425338	0.000155145	0.000397551	0.000397551	5.26221E-09	2.22016E-07	2.27278E-07	0.22727831
371839.033772945.46	371839.03	3772945.5	0.00024654	0.000811217	0.000221092	0.000378788	0.000378788	0.001240094	0.000143111	0.000366714	0.000366714	4.85403E-09	2.00082E-07	2.04936E-07	0.204935544
371859.033772945.46	371859.03	3772945.5	0.000226478	0.000745203	0.0002031	0.000347963	0.000347963	0.001085165	0.000131465	0.000336872	0.000336872	4.45903E-09	1.80391E-07	1.8485E-07	0.184849653
371879.033772945.46	371879.03	3772945.5	0.000209107	0.000688046	0.000187522	0.000321275	0.000321275	0.000961003	0.000121382	0.000311034	0.000311034	4.11702E-09	1.63972E-07	1.68089E-07	0.168088584
371899.033772945.46	371899.03	3772945.5	0.000193087	0.000635335	0.000173156	0.000296662	0.000296662	0.000856631	0.000112083	0.000287206	0.000287206	3.80162E-09	1.49469E-07	1.53271E-07	0.153270722
371919.033772945.46	371919.03	3772945.5	0.000178341	0.000586813	0.000159932	0.000274005	0.000274005	0.000767741	0.000103523	0.000265271	0.000265271	3.51128E-09	1.36573E-07	1.40084E-07	0.140084028
371939.033772945.46	371939.03	3772945.5	0.000165407	0.000544255	0.000148333	0.000254133	0.000254133	0.000693465	9.60148E-05	0.000246033	0.000246033	3.25663E-09	1.25494E-07	1.28751E-07	0.128751037
371799.033772965.46	371799.03	3772965.5	0.000372073	0.00122427	0.000333666	0.000571658	0.000571658	0.001729858	0.00021598	0.000553436	0.000553436	7.3256E-09	2.93018E-07	3.00344E-07	0.300343526
371819.033772965.46	371819.03	3772965.5	0.000336086	0.001105858	0.000301394	0.000516367	0.000516367	0.001475649	0.00019509	0.000499908	0.000499908	6.61706E-09	2.59193E-07	2.6581E-07	0.265809913
371839.033772965.46	371839.03	3772965.5	0.000303887	0.000999911	0.000272519	0.000466896	0.000466896	0.001273679	0.000176399	0.000452014	0.000452014	5.98311E-09	2.30537E-07	2.3652E-07	0.236519713
371859.033772965.46	371859.03	3772965.5	0.000275131	0.00090529	0.000246731	0.000422714	0.000422714	0.001110095	0.000159707	0.00040924	0.00040924	5.41693E-09	2.06004E-07	2.11421E-07	0.21142074
371879.033772965.46	371879.03	3772965.5	0.000250146	0.000823079	0.000224325	0.000384327	0.000384327	0.000977755	0.000145204	0.000372076	0.000372076	4.92501E-09	1.85306E-07	1.90231E-07	0.190231341
371899.033772965.46	371899.03	3772965.5	0.00022866	0.000752385	0.000205057	0.000351317	0.000351317	0.00087006	0.000132732	0.000340119	0.000340119	4.502E-09	1.67894E-07	1.72396E-07	0.172395642
371919.033772965.46	371919.03	3772965.5	0.000209399	0.000689007	0.000187784	0.000321723	0.000321723	0.000778941	0.000121551	0.000311468	0.000311468	4.12277E-09	1.52626E-07	1.56748E-07	0.15674848
371939.033772965.46	371939.03	3772965.5	0.000192436	0.00063319	0.000172572	0.000295661	0.000295661	0.000702217	0.000111704	0.000286236	0.000286236	3.78879E-09	1.39402E-07	1.43191E-07	0.143190573
371799.033772985.46	371799.03	3772985.5	0.000482303	0.001586969	0.000432517	0.000741016	0.000741016	0.001776766	0.000279965	0.000717396	0.000717396	9.49586E-09	3.50444E-07	3.59939E-07	0.359939473
371819.033772985.46	371819.03	3772985.5	0.000425139	0.001398879	0.000381255	0.000653189	0.000653189	0.001504239	0.000246783	0.000632369	0.000632369	8.37039E-09	3.04999E-07	3.1337E-07	0.313369595
371839.033772985.46	371839.03	3772985.5	0.000375974	0.001237105	0.000337164	0.000577651	0.000577651	0.001289016	0.000218244	0.000559238	0.000559238	7.40239E-09	2.67123E-07	2.74526E-07	0.274525537
371859.033772985.46	371859.03	3772985.5	0.000336816	0.001108259	0.000302048	0.000517488	0.000517488	0.001124956	0.000195514	0.000500993	0.000500993	6.63143E-09	2.37421E-07	2.44052E-07	0.244052267

371879.033772985.46	371879.03	3772985.5	0.000301653	0.000992561	0.000270516	0.000463464	0.000463464	0.000987122	0.000175103	0.000448691	0.000448691	5.93913E-09	2.11348E-07	2.17287E-07	0.217287121
371899.033772985.46	371899.03	3772985.5	0.000271627	0.000893763	0.000243589	0.000417332	0.000417332	0.000874262	0.000157673	0.000404029	0.000404029	5.34796E-09	1.89389E-07	1.94737E-07	0.194737005
371919.033772985.46	371919.03	3772985.5	0.00024653	0.000811183	0.000221082	0.000378772	0.000378772	0.000782596	0.000143105	0.000366699	0.000366699	4.85383E-09	1.71203E-07	1.76057E-07	0.176057083
371939.033772985.46	371939.03	3772985.5	0.000224987	0.000740299	0.000201763	0.000345674	0.000345674	0.000706027	0.0001306	0.000334655	0.000334655	4.42969E-09	1.55726E-07	1.60156E-07	0.160156074
371799.033773005.46	371799.03	3773005.5	0.000634365	0.002087316	0.000568883	0.000974646	0.000974646	0.001796899	0.000368234	0.00094358	0.00094358	1.24898E-08	4.2685E-07	4.39339E-07	0.439339353
371819.033773005.46	371819.03	3773005.5	0.000544657	0.001792139	0.000488435	0.000836817	0.000836817	0.001512492	0.00031616	0.000810144	0.000810144	1.07235E-08	3.64575E-07	3.75298E-07	0.375298115
371839.033773005.46	371839.03	3773005.5	0.000472757	0.00155556	0.000423957	0.000726349	0.000726349	0.00129393	0.000274424	0.000703197	0.000703197	9.30791E-09	3.15255E-07	3.24563E-07	0.324562515
371859.033773005.46	371859.03	3773005.5	0.000417813	0.001374774	0.000374685	0.000641934	0.000641934	0.001130406	0.000242531	0.000621472	0.000621472	8.22616E-09	2.77786E-07	2.86013E-07	0.286012586
371879.033773005.46	371879.03	3773005.5	0.000369907	0.001217144	0.000331724	0.00056833	0.00056833	0.000993344	0.000214722	0.000550215	0.000550215	7.28295E-09	2.45466E-07	2.52748E-07	0.252748456
371899.033773005.46	371899.03	3773005.5	0.000330216	0.001086545	0.00029613	0.000507349	0.000507349	0.000882156	0.000191683	0.000491177	0.000491177	6.5015E-09	2.18837E-07	2.25338E-07	0.225338155
371919.033773005.46	371919.03	3773005.5	0.00029518	0.00097126	0.00026471	0.000453518	0.000453518	0.000786353	0.000171345	0.000439062	0.000439062	5.81167E-09	1.95478E-07	2.0129E-07	0.201290147
371939.033773005.46	371939.03	3773005.5	0.000265656	0.000874115	0.000238234	0.000408157	0.000408157	0.000706589	0.000154207	0.000395147	0.000395147	5.23039E-09	1.75857E-07	1.81087E-07	0.181086974
371437.183772897.5	371437.18	3772897.5	0.000317306	0.001044066	0.000284553	0.000487514	0.000487514	0.005656065	0.000184189	0.000471974	0.000471974	6.24732E-09	5.13745E-07	5.19992E-07	0.51999208
371437.183772917.5	371437.18	3772917.5	0.000373811	0.001229989	0.000335225	0.000574328	0.000574328	0.006117502	0.000216989	0.000556022	0.000556022	7.35982E-09	5.70786E-07	5.78146E-07	0.578145925
371437.183772937.5	371437.18	3772937.5	0.000437014	0.001437951	0.000391904	0.000671434	0.000671434	0.006481796	0.000253676	0.000650032	0.000650032	8.60419E-09	6.25006E-07	6.3361E-07	0.633610271
371437.183772957.5	371437.18	3772957.5	0.00051498	0.001694491	0.000461822	0.000791222	0.000791222	0.0069261	0.000298934	0.000766002	0.000766002	1.01392E-08	6.9157E-07	7.0171E-07	0.701709614
371457.183772897.5	371457.18	3772897.5	0.000348001	0.001145064	0.000312079	0.000534674	0.000534674	0.006340232	0.000202007	0.000517631	0.000517631	6.85166E-09	5.7209E-07	5.78942E-07	0.578941655
371457.183772917.5	371457.18	3772917.5	0.000419677	0.001380906	0.000376356	0.000644797	0.000644797	0.007046506	0.000243613	0.000624244	0.000624244	8.26285E-09	6.52079E-07	6.60342E-07	0.66034221
371457.183772937.5	371457.18	3772937.5	0.000501248	0.001649309	0.000449508	0.000770125	0.000770125	0.007622255	0.000290963	0.000745577	0.000745577	9.86888E-09	7.28721E-07	7.3859E-07	0.738589566
371477.183772897.5	371477.18	3772897.5	0.000373699	0.001229621	0.000335125	0.000574156	0.000574156	0.006911062	0.000216924	0.000555855	0.000555855	7.35761E-09	6.20813E-07	6.28171E-07	0.62817092
371477.183772917.5	371477.18	3772917.5	0.000460716	0.00151594	0.000413159	0.000707849	0.000707849	0.007884573	0.000267435	0.000685287	0.000685287	9.07084E-09	7.25248E-07	7.34319E-07	0.734319125
371477.183772937.5	371477.18	3772937.5	0.000573994	0.00188867	0.000514744	0.000881891	0.000881891	0.008967273	0.00033319	0.000853781	0.000853781	1.13011E-08	8.4955E-07	8.60851E-07	0.860851465
371497.183772877.5	371497.18	3772877.5	0.000322164	0.00106005	0.000288909	0.000494977	0.000494977	0.006395827	0.000187009	0.0004792	0.0004792	6.34296E-09	5.62832E-07	5.69175E-07	0.56917525
371497.183772897.5	371497.18	3772897.5	0.000400592	0.001318109	0.000359241	0.000615475	0.000615475	0.007513859	0.000232534	0.000595857	0.000595857	7.88709E-09	6.72144E-07	6.80032E-07	0.680031579
371497.183772917.5	371497.18	3772917.5	0.000504229	0.001659116	0.000452181	0.000774704	0.000774704	0.008807344	0.000292693	0.00075001	0.00075001	9.92756E-09	8.04986E-07	8.14913E-07	0.814913346
371497.183772937.5	371497.18	3772937.5	0.00063775	0.002098452	0.000571919	0.000979847	0.000979847	0.010185492	0.000370198	0.000948614	0.000948614	1.25564E-08	9.57936E-07	9.70492E-07	0.970492297
371517.183772877.5	371517.18	3772877.5	0.000336938	0.001108661	0.000302158	0.000517676	0.000517676	0.006686108	0.000195584	0.000501175	0.000501175	6.63383E-09	5.88452E-07	5.95086E-07	0.595085935
371517.183772897.5	371517.18	3772897.5	0.000418998	0.001378672	0.000375748	0.000643754	0.000643754	0.007909021	0.000243218	0.000623235	0.000623235	8.24948E-09	7.06178E-07	7.14428E-07	0.71442771
371517.183772917.5	371517.18	3772917.5	0.000533665	0.001755971	0.000478578	0.000819929	0.000819929	0.009456646	0.00030978	0.000793794	0.000793794	1.05071E-08	8.60508E-07	8.71015E-07	0.871015414
371537.183772857.5	371537.18	3772857.5	0.000278719	0.000917097	0.000249948	0.000428227	0.000428227	0.0056318	0.00016179	0.000414577	0.000414577	5.48758E-09	4.93147E-07	4.98634E-07	0.498634453
371537.183772877.5	371537.18	3772877.5	0.000343884	0.001131515	0.000308387	0.000528347	0.000528347	0.006739087	0.000199616	0.000511506	0.000511506	6.77058E-09	5.95228E-07	6.01998E-07	0.601998118
371537.183772897.5	371537.18	3772897.5	0.000435089	0.001431618	0.000390177	0.000668476	0.000668476	0.008195406	0.000252559	0.000647169	0.000647169	8.56629E-09	7.32203E-07	7.40769E-07	0.74076926
371537.183772917.5	371537.18	3772917.5	0.000572042	0.001882247	0.000512993	0.000878892	0.000878892	0.010235287	0.000332057	0.000850877	0.000850877	1.12627E-08	9.28612E-07	9.39874E-07	0.939874443
371557.183772857.5	371557.18	3772857.5	0.000282643	0.000930009	0.000253468	0.000434256	0.000434256	0.005525263	0.000164068	0.000420415	0.000420415	5.56484E-09	4.88362E-07	4.93927E-07	0.493927065
371557.183772877.5	371557.18	3772877.5	0.000350327	0.001152716	0.000314165	0.000538246	0.000538246	0.006687244	0.000203356	0.00052109	0.00052109	6.89744E-09	5.95139E-07	6.02037E-07	0.602036719
371557.183772897.5	371557.18	3772897.5	0.00044492	0.001463966	0.000398994	0.000683581	0.000683581	0.008236938	0.000258266	0.000661792	0.000661792	8.75985E-09	7.39682E-07	7.48442E-07	0.748441582
371557.183772917.5	371557.18	3772917.5	0.000598218	0.001968378	0.000536468	0.00091911	0.00091911	0.010638397	0.000347251	0.000889813	0.000889813	1.17781E-08	9.66987E-07	9.78765E-07	0.978764592
371577.183772837.5	371577.18	3772837.5	0.000230833	0.000759534	0.000207006	0.000354655	0.000354655	0.004375897	0.000133993	0.00034335	0.00034335	4.54478E-09	3.90225E-07	3.94769E-07	0.394769393
371577.183772857.5	371577.18	3772857.5	0.0002834	0.0009325	0.000254146	0.00043542	0.00043542	0.005283175	0.000164507	0.000421541	0.000421541	5.57975E-09	4.73458E-07	4.79038E-07	0.479037594
371577.183772877.5	371577.18	3772877.5	0.000349081	0.001148616	0.000313047	0.000536332	0.000536332	0.006380071	0.000202633	0.000519237	0.000519237	6.87291E-09	5.75138E-07	5.82011E-07	0.582010581
371577.183772897.5	371577.18	3772897.5	0.000446906	0.0014705	0.000400775	0.000686632	0.000686632	0.007970328	0.000259418	0.000664746	0.000664746	8.79895E-09	7.23837E-07	7.32636E-07	0.732635845
371597.183772837.5	371597.18	3772837.5	0.00022937	0.000754719	0.000205694	0.000352407	0.000352407	0.004099785	0.000133144	0.000341174	0.000341174	4.51597E-09	3.72076E-07	3.76592E-07	0.376591909
371597.183772857.5	371597.18	3772857.5	0.000277901	0.000914405	0.000249215	0.00042697	0.00042697	0.004882129	0.000161315	0.000413361	0.000413361	5.47147E-09	4.4543E-07	4.50902E-07	0.450901513
371597.183772877.5	371597.18	3772877.5	0.000341579	0.001123931	0.000306319	0.000524806	0.000524806	0.005885355	0.000198278	0.000508077	0.000508077	6.7252E-09	5.40209E-07	5.46934E-07	0.546933807
371597.183772897.5	371597.18	3772897.5	0.000439944	0.001447591	0.000394531	0.000675935	0.000675935	0.007404444	0.000255377	0.000654389	0.000654389	8.66187E-09	6.84683E-07	6.93345E-07	0.693344931
371617.183772817.5	371617.18	3772817.5	0.000186135	0.000612459	0.000166921	0.00028598	0.00028598	0.003180952	0.000108047	0.000276865	0.000276865	3.66474E-09	2.92725E-07	2.96389E-07	0.296389298
371617.183772837.5	371617.18	3772837.5	0.000221233	0.000727945	0.000198396	0.000339905	0.000339905	0.003713288	0.00012842	0.000329071	0.000329071	4.35576E-09	3.43663E-07	3.48019E-07	0.348018841
371617.183772857.5	371617.18	3772857.5	0.00026754	0.000880314	0.000239924	0.000411052	0.000411052	0.004401234	0.000155301	0.00039795	0.00039795	5.26749E-09	4.09961E-07	4.15228E-07	0.415228382
371617.183772877.5	371617.18	3772877.5	0.000326476	0.001074236	0.000292775	0.000501601	0.000501601	0.005253642	0.000189511	0.000485613	0.000485613	6.42784E-09	4.92878E-07	4.99306E-07	0.499305721
371617.183772897.5	371617.18	3772897.5	0.00041982	0.001381375	0.000376484	0.000645016	0.000645016	0.006578043	0.000243695	0.000624456	0.000624456	8.26566E-09	6.22585E-07	6.3085E-07	0.630850255
371637.183772817.5	371637.18	3772817.5	0.000178972	0.00058889	0.000160498	0.000274975	0.000274975	0.002882869	0.000103889	0.00026621	0.00026621	3.52371E-09	2.70373E-07	2.73897E-07	0.273896648
371637.183772837.5	371637.18	3772837.5	0.000211042	0.000694413	0.000189257	0.000324248	0.000324248	0.003329171	0.000122505	0.000313912	0.000313912	4.15512E-09	3.14386E-07	3.18541E-07	0.318540705
371637.183772857.5	371637.18	3772857.5	0.00024779	0.000815328	0.000222212	0.000380707	0.000380707	0.003822837	0.000143836	0.000368572	0.000368572	4.87863E-09	3.63699E-07	3.68577E-07	0.36857738
371637.183772877.5	371637.18	3772877.5	0.000305221	0.001004301	0.000273715	0.000468946	0.000468946	0.00458419	0.000177174	0.000453998	0.000453998	6.00938E-09	4.40126E-07	4.46135E-07	0.446135469
371657.183772797.5	371657.18	3772797.5	0.000146186	0.000481011	0.000131096	0.000224602	0.000224602	0.002277564	8.48576E-05	0.000217443	0.000217443	2.8782E-09	2.15972E-07	2.1885E-07	0.218849792
371657.183772817.5	371657.18	3772817.5	0.000169016	0.000556129	0.000151569	0.000259678	0.000259678	0.002578504	9.81095E-05	0.0002514	0.0002514	3.32768E-09	2.46244E-07	2.49572E-07	0.249572144
371657.183772837.5	371657.18	3772837.5	0.000196105	0.000645265	0.000175863	0.000301299	0.000301299	0.002923983	0.000113834	0.000291695	0.000291695	3.86104E-09	2.81433E-07	2.85294E-07	0.28529434
371657.183772857.5	371657.18	3772857.5	0.000232985	0.000766615	0.000208936	0.000357962	0.000357962	0.003383758	0.000135242	0.000346552	0.000346552	4.58715E-09	3.28673E-07	3.3326E-07	0.33326018
371657.183772877.5	371657.18	3772877.5	0.000279815	0.000920705	0.000250932	0.000429912	0.000429912	0.00394543	0.000162426	0.000416208	0.000416208	5.50917E-09	3.8726E-07	3.92769E-07	0.392769018
371677.183772777.5	371677.18	3772777.5	0.000120672	0.000397058	0.000108215	0.000185401	0.000185401	0.001831894	7.0047E-05	0.000179492	0.000179492	2.37585E-09	1.75238E-07	1.77614E-07	0.177613673

371677.183772797.5	371677.18	3772797.5	0.000137492	0.000452405	0.0001233	0.000211245	0.000211245	0.002044662	7.9811E-05	0.000204512	0.000204512	2.70703E-09	1.96977E-07	1.99684E-07	0.199684194
371677.183772817.5	371677.18	3772817.5	0.000157942	0.000519693	0.000141639	0.000242664	0.000242664	0.002295972	9.16816E-05	0.000234929	0.000234929	3.10966E-09	2.22942E-07	2.26052E-07	0.226051681
371677.183772837.5	371677.18	3772837.5	0.000182296	0.000599826	0.000163478	0.000280081	0.000280081	0.002584597	0.000105818	0.000271154	0.000271154	3.58914E-09	2.53191E-07	2.5678E-07	0.25677996
371677.183772857.5	371677.18	3772857.5	0.000211673	0.000696491	0.000189824	0.000325218	0.000325218	0.002918184	0.000122871	0.000314851	0.000314851	4.16755E-09	2.8876E-07	2.92927E-07	0.292927245
371697.183772777.5	371697.18	3772777.5	0.000113665	0.000374003	0.000101932	0.000174636	0.000174636	0.001657892	6.59798E-05	0.00016907	0.00016907	2.2379E-09	1.60794E-07	1.63032E-07	0.163032235
371697.183772797.5	371697.18	3772797.5	0.000127746	0.000420336	0.00011456	0.000196271	0.000196271	0.001823657	7.41536E-05	0.000190015	0.000190015	2.51514E-09	1.78214E-07	1.80729E-07	0.180728731
371697.183772817.5	371697.18	3772817.5	0.000144078	0.000474075	0.000129206	0.000221363	0.000221363	0.002008789	8.36339E-05	0.000214307	0.000214307	2.83669E-09	1.97967E-07	2.00804E-07	0.200803925
371697.183772837.5	371697.18	3772837.5	0.000164378	0.000540871	0.000147411	0.000252553	0.000252553	0.002231353	9.54177E-05	0.000244503	0.000244503	3.23638E-09	2.22044E-07	2.2528E-07	0.225280493
371697.183772857.5	371697.18	3772857.5	0.000191071	0.0006287	0.000171348	0.000293564	0.000293564	0.00251365	0.000110912	0.000284206	0.000284206	3.76192E-09	2.53049E-07	2.56811E-07	0.25681109
371717.183772757.5	371717.18	3772757.5	9.5802E-05	0.000315227	8.59129E-05	0.000147191	0.000147191	0.001376523	5.56108E-05	0.0001425	0.0001425	1.88621E-09	1.34211E-07	1.36097E-07	0.136096785
371717.183772777.5	371717.18	3772777.5	0.00010583	0.000348223	9.49057E-05	0.000162598	0.000162598	0.001490086	6.14317E-05	0.000157416	0.000157416	2.08364E-09	1.46333E-07	1.48416E-07	0.148416188
371717.183772797.5	371717.18	3772797.5	0.000117307	0.000385988	0.000105198	0.000180233	0.000180233	0.001615197	6.80942E-05	0.000174488	0.000174488	2.30962E-09	1.599E-07	1.62209E-07	0.162209208
371717.183772817.5	371717.18	3772817.5	0.000132	0.000434332	0.000118374	0.000202806	0.000202806	0.001771782	7.66227E-05	0.000196342	0.000196342	2.59889E-09	1.77041E-07	1.7964E-07	0.1796403
371717.183772837.5	371717.18	3772837.5	0.000150379	0.000494806	0.000134856	0.000231044	0.000231044	0.001959534	8.72912E-05	0.000223679	0.000223679	2.96074E-09	1.97972E-07	2.00933E-07	0.200932626
371717.183772857.5	371717.18	3772857.5	0.000172162	0.000566484	0.000154391	0.000264513	0.000264513	0.002165824	9.99362E-05	0.000256081	0.000256081	3.38964E-09	2.21755E-07	2.25144E-07	0.225144253
371737.183772737.5	371737.18	3772737.5	8.06955E-05	0.000265521	7.23658E-05	0.000123982	0.000123982	0.001146671	4.68418E-05	0.00012003	0.00012003	1.58878E-09	1.1224E-07	1.13829E-07	0.113828857
371737.183772757.5	371737.18	3772757.5	8.88869E-05	0.000292474	7.97117E-05	0.000136567	0.000136567	0.001238663	5.15968E-05	0.000132214	0.000132214	1.75006E-09	1.22093E-07	1.23843E-07	0.123843347
371737.183772777.5	371737.18	3772777.5	9.78999E-05	0.00032213	8.77943E-05	0.000150415	0.000150415	0.001335313	5.68286E-05	0.00014562	0.00014562	1.92751E-09	1.32646E-07	1.34574E-07	0.134573838
371737.183772797.5	371737.18	3772797.5	0.000108495	0.000356991	9.72955E-05	0.000166693	0.000166693	0.00144447	6.29786E-05	0.000161379	0.000161379	2.13611E-09	1.4477E-07	1.46907E-07	0.146906509
371737.183772817.5	371737.18	3772817.5	0.000120909	0.00039784	0.000108428	0.000185766	0.000185766	0.00156545	7.01849E-05	0.000179845	0.000179845	2.38053E-09	1.5854E-07	1.6092E-07	0.160920164
371737.183772837.5	371737.18	3772837.5	0.000136141	0.000447959	0.000122088	0.000209169	0.000209169	0.001704982	7.90267E-05	0.000202502	0.000202502	2.68043E-09	1.74872E-07	1.77552E-07	0.177552388
371757.183772737.5	371757.18	3772737.5	7.55695E-05	0.000248654	6.77689E-05	0.000116106	0.000116106	0.001044892	4.38663E-05	0.000112405	0.000112405	1.48786E-09	1.03284E-07	1.04772E-07	0.104771794
371757.183772757.5	371757.18	3772757.5	8.25117E-05	0.000271497	7.39945E-05	0.000126772	0.000126772	0.001117721	4.78961E-05	0.000122731	0.000122731	1.62454E-09	1.1131E-07	1.12935E-07	0.112934973
371757.183772777.5	371757.18	3772777.5	9.07303E-05	0.000298539	8.13647E-05	0.000139399	0.000139399	0.001200877	5.26668E-05	0.000134956	0.000134956	1.78635E-09	1.20619E-07	1.22406E-07	0.122405703
371757.183772797.5	371757.18	3772797.5	0.000100059	0.000329234	8.97304E-05	0.000153732	0.000153732	0.00128952	5.80818E-05	0.000148832	0.000148832	1.97002E-09	1.30823E-07	1.32793E-07	0.132793114
371757.183772817.5	371757.18	3772817.5	0.00011081	0.000364609	9.93717E-05	0.00017025	0.00017025	0.001383887	6.43225E-05	0.000164823	0.000164823	2.18169E-09	1.42091E-07	1.44273E-07	0.14427255
371757.183772837.5	371757.18	3772837.5	0.000124518	0.000409713	0.000111665	0.000191311	0.000191311	0.001496163	7.22796E-05	0.000185213	0.000185213	2.45158E-09	1.5595E-07	1.58401E-07	0.158401483
371268.763772892.7	371268.76	3772892.7	0.000138833	0.000456817	0.000124502	0.000213305	0.000213305	0.002159211	8.05894E-05	0.000206506	0.000206506	2.73343E-09	2.04869E-07	2.07602E-07	0.207602448
371268.763772912.7	371268.76	3772912.7	0.000147279	0.000484608	0.000132077	0.000226282	0.000226282	0.00213532	8.54921E-05	0.000219069	0.000219069	2.89972E-09	2.07535E-07	2.10434E-07	0.210434238
371268.763772932.7	371268.76	3772932.7	0.000155023	0.000510087	0.000139021	0.000238179	0.000238179	0.002098499	8.99869E-05	0.000230587	0.000230587	3.05218E-09	2.09037E-07	2.12089E-07	0.212088874
371268.763772952.7	371268.76	3772952.7	0.000161052	0.000529924	0.000144427	0.000247442	0.000247442	0.002028665	9.34866E-05	0.000239554	0.000239554	3.17088E-09	2.07608E-07	2.10779E-07	0.210779303
371268.763772972.7	371268.76	3772972.7	0.00016467	0.000541832	0.000147672	0.000253002	0.000253002	0.001932729	9.55872E-05	0.000244937	0.000244937	3.24213E-09	2.03342E-07	2.06584E-07	0.206583923
371268.763772992.7	371268.76	3772992.7	0.000165495	0.000544546	0.000148412	0.000254269	0.000254269	0.001817076	9.6066E-05	0.000246164	0.000246164	3.25837E-09	1.9645E-07	1.99709E-07	0.19970879
371268.763773012.7	371268.76	3773012.7	0.000164599	0.000541597	0.000147608	0.000252892	0.000252892	0.001691809	9.55458E-05	0.000244831	0.000244831	3.24072E-09	1.88102E-07	1.91343E-07	0.1913426
371268.763773032.7	371268.76	3773032.7	0.000160244	0.000527266	0.000143703	0.0002462	0.0002462	0.001404856	9.30176E-05	0.000238353	0.000238353	3.15497E-09	1.6784E-07	1.70995E-07	0.170994861
371268.763773052.7	371268.76	3773052.7	0.000152673	0.000502357	0.000136914	0.000234569	0.000234569	0.00124265	8.86233E-05	0.000227093	0.000227093	3.00592E-09	1.53862E-07	1.56868E-07	0.156868294
371268.763773072.7	371268.76	3773072.7	0.000143868	0.000473382	0.000129017	0.00022104	0.00022104	0.001105755	8.35117E-05	0.000213994	0.000213994	2.83255E-09	1.40872E-07	1.43704E-07	0.143704221
371288.763772772.7	371288.76	3772772.7	9.0917E-05	0.000299153	8.15322E-05	0.000139686	0.000139686	0.002060166	5.27751E-05	0.000135234	0.000135234	1.79003E-09	1.74942E-07	1.76732E-07	0.176732367
371288.763772792.7	371288.76	3772792.7	9.98315E-05	0.000328486	8.95265E-05	0.000153382	0.000153382	0.002154141	5.79498E-05	0.000148493	0.000148493	1.96554E-09	1.85278E-07	1.87244E-07	0.187243508
371288.763772812.7	371288.76	3772812.7	0.000109418	0.00036003	9.81235E-05	0.000168111	0.000168111	0.002237264	6.35146E-05	0.000162753	0.000162753	2.15429E-09	1.95261E-07	1.97415E-07	0.197415118
371288.763772832.7	371288.76	3772832.7	0.000119816	0.000394243	0.000107448	0.000184087	0.000184087	0.002313914	6.95504E-05	0.000178219	0.000178219	2.35901E-09	2.05236E-07	2.07595E-07	0.207595027
371288.763772852.7	371288.76	3772852.7	0.000130628	0.000429819	0.000117144	0.000200699	0.000200699	0.002371454	7.58266E-05	0.000194302	0.000194302	2.57189E-09	2.1421E-07	2.16782E-07	0.216781661
371288.763772912.7	371288.76	3772912.7	0.000163221	0.000537062	0.000146372	0.000250774	0.000250774	0.002408297	9.47458E-05	0.000242781	0.000242781	3.21359E-09	2.32639E-07	2.35853E-07	0.235852835
371288.763772932.7	371288.76	3772932.7	0.000172682	0.000568193	0.000154857	0.000265311	0.000265311	0.002365146	0.000100238	0.000256854	0.000256854	3.39986E-09	2.34591E-07	2.37991E-07	0.237990601
371288.763772952.7	371288.76	3772952.7	0.000180418	0.000593649	0.000161795	0.000277197	0.000277197	0.002285881	0.000104729	0.000268361	0.000268361	3.55218E-09	2.33411E-07	2.36963E-07	0.236963103
371288.763772972.7	371288.76	3772972.7	0.000185857	0.000611543	0.000166672	0.000285553	0.000285553	0.002186949	0.000107885	0.000276451	0.000276451	3.65926E-09	2.29854E-07	2.33514E-07	0.233513547
371288.763772992.7	371288.76	3772992.7	0.000187337	0.000616413	0.000167999	0.000287827	0.000287827	0.002055155	0.000108745	0.000278652	0.000278652	3.6884E-09	2.22268E-07	2.25956E-07	0.225956346
371288.763773012.7	371288.76	3773012.7	0.000187595	0.000617262	0.00016823	0.000288223	0.000288223	0.001912798	0.000108894	0.000279036	0.000279036	3.69348E-09	2.13411E-07	2.17105E-07	0.217104619
371288.763773032.7	371288.76	3773032.7	0.000182801	0.00060149	0.000163932	0.000280858	0.000280858	0.001594661	0.000106112	0.000271906	0.000271906	3.5991E-09	1.90965E-07	1.94564E-07	0.194563821
371288.763773052.7	371288.76	3773052.7	0.000173398	0.000570549	0.000155499	0.000266411	0.000266411	0.001392193	0.000100653	0.000257919	0.000257919	3.41396E-09	1.7354E-07	1.76954E-07	0.176954398
371288.763773072.7	371288.76	3773072.7	0.000164273	0.000540525	0.000147316	0.000252391	0.000252391	0.001246401	9.53567E-05	0.000244346	0.000244346	3.23431E-09	1.59831E-07	1.63065E-07	0.163064938
371308.763772712.7	371308.76	3772712.7	7.15672E-05	0.000235485	6.41797E-05	0.000109957	0.000109957	0.001859241	4.1543E-05	0.000106452	0.000106452	1.40906E-09	1.52701E-07	1.5411E-07	0.154109875
371308.763772732.7	371308.76	3772732.7	7.86655E-05	0.000258841	7.05453E-05	0.000120863	0.000120863	0.001972583	4.56634E-05	0.00011701	0.00011701	1.54881E-09	1.63361E-07	1.6491E-07	0.164910176
371308.763772752.7	371308.76	3772752.7	8.66159E-05	0.000285001	7.7675E-05	0.000133078	0.000133078	0.002087695	5.02785E-05	0.000128836	0.000128836	1.70534E-09	1.74555E-07	1.7626E-07	0.176259879
371308.763772772.7	371308.76	3772772.7	9.53165E-05	0.00031363	8.54776E-05	0.000146446	0.000146446	0.002195973	5.5329E-05	0.000141778	0.000141778	1.87665E-09	1.85687E-07	1.87564E-07	0.187563826
371308.763772792.7	371308.76	3772792.7	0.000104961	0.000345363	9.41264E-05	0.000161263	0.000161263	0.002300399	6.09273E-05	0.000156123	0.000156123	2.06653E-09	1.97043E-07	1.99109E-07	0.199109482
371308.763772812.7	371308.76	3772812.7	0.000114622	0.000377153	0.00010279	0.000176107	0.000176107	0.002365554	6.65355E-05	0.000170494	0.000170494	2.25675E-09	2.05929E-07	2.08185E-07	0.208185436
371308.763772832.7	371308.76	3772832.7	0.000128754	0.000423654	0.000115464	0.00019782	0.00019782	0.002542197	7.47388E-05	0.000191514	0.000191514	2.53499E-09	2.2406E-07	2.26595E-07	0.226594667
371308.763772852.7	371308.76	3772852.7	0.000141064	0.000464156	0.000126502	0.000216732	0.000216732	0.002610905	8.1884E-05	0.000209824	0.000209824	2.77734E-09	2.34478E-07	2.37255E-07	0.237255324
371308.763772912.7	371308.76	3772912.7	0.000180279	0.000593191	0.00016167	0.000276983	0.000276983	0.002686595	0.000104648	0.000268154	0.000268154	3.54944E-09	2.58632E-07	2.62181E-07	0.262181116

371308.763772932.7	371308.76	3772932.7	0.000193019	0.000635112	0.000173095	0.000296558	0.000296558	0.002673466	0.000112043	0.000287105	0.000287105	3.80028E-09	2.64098E-07	2.67898E-07	0.267898437
371308.763772952.7	371308.76	3772952.7	0.000203333	0.000669046	0.000182344	0.000312403	0.000312403	0.002598691	0.00011803	0.000302445	0.000302445	4.00333E-09	2.64475E-07	2.68478E-07	0.268478201
371308.763772972.7	371308.76	3772972.7	0.000211303	0.000695273	0.000189492	0.000324649	0.000324649	0.002493666	0.000122657	0.000314301	0.000314301	4.16027E-09	2.61785E-07	2.65945E-07	0.265945262
371308.763772992.7	371308.76	3772992.7	0.000215683	0.000709682	0.000193419	0.000331377	0.000331377	0.002349723	0.000125199	0.000320815	0.000320815	4.24649E-09	2.54864E-07	2.59111E-07	0.25911087
371308.763773012.7	371308.76	3773012.7	0.000216351	0.000711883	0.000194019	0.000332405	0.000332405	0.002182646	0.000125587	0.00032181	0.00032181	4.25965E-09	2.4465E-07	2.4891E-07	0.248910015
371308.763773032.7	371308.76	3773032.7	0.000212179	0.000698155	0.000190277	0.000325995	0.000325995	0.001998955	0.000123165	0.000315604	0.000315604	4.17751E-09	2.30996E-07	2.35173E-07	0.235173486
371308.763773052.7	371308.76	3773052.7	0.000200637	0.000660177	0.000179927	0.000308262	0.000308262	0.001602025	0.000116465	0.000298436	0.000298436	3.95026E-09	2.00242E-07	2.04192E-07	0.204192495
371308.763773072.7	371308.76	3773072.7	0.000188328	0.000619675	0.000168888	0.00028935	0.00028935	0.001406057	0.00010932	0.000280127	0.000280127	3.70791E-09	1.81792E-07	1.855E-07	0.185500299
371328.763772712.7	371328.76	3772712.7	7.41064E-05	0.00024384	6.64568E-05	0.000113858	0.000113858	0.001945312	4.3017E-05	0.000110229	0.000110229	1.45905E-09	1.59388E-07	1.60847E-07	0.160846565
371328.763772732.7	371328.76	3772732.7	8.18192E-05	0.000269218	7.33735E-05	0.000125708	0.000125708	0.002078836	4.74941E-05	0.000121701	0.000121701	1.6109E-09	1.71625E-07	1.73236E-07	0.173236273
371328.763772752.7	371328.76	3772752.7	9.03263E-05	0.00029721	8.10025E-05	0.000138778	0.000138778	0.002208696	5.24323E-05	0.000134355	0.000134355	1.7784E-09	1.84024E-07	1.85803E-07	0.185802785
371328.763772772.7	371328.76	3772772.7	0.000100079	0.000329301	8.97487E-05	0.000153763	0.000153763	0.002345897	5.80936E-05	0.000148862	0.000148862	1.97042E-09	1.97502E-07	1.99473E-07	0.199472765
371328.763772792.7	371328.76	3772792.7	0.000110929	0.000365	9.94783E-05	0.000170432	0.000170432	0.002478564	6.43915E-05	0.000165	0.000165	2.18403E-09	2.11236E-07	2.1342E-07	0.21341999
371328.763772812.7	371328.76	3772812.7	0.000123	0.00040472	0.000110304	0.000188979	0.000188979	0.002605771	7.13988E-05	0.000182956	0.000182956	2.4217E-09	2.25229E-07	2.2765E-07	0.227650485
371328.763772832.7	371328.76	3772832.7	0.000136684	0.000449747	0.000122575	0.000210004	0.000210004	0.002735528	7.9342E-05	0.00020331	0.00020331	2.69112E-09	2.40179E-07	2.4287E-07	0.242870459
371328.763772852.7	371328.76	3772852.7	0.000151736	0.000499274	0.000136074	0.00023313	0.00023313	0.002856041	8.80794E-05	0.000225699	0.000225699	2.98748E-09	2.55222E-07	2.5821E-07	0.258209924
371328.763772872.7	371328.76	3772872.7	0.000167532	0.000551248	0.000150239	0.000257398	0.000257398	0.002946619	9.72484E-05	0.000249194	0.000249194	3.29847E-09	2.68744E-07	2.72042E-07	0.272042109
371328.763772932.7	371328.76	3772932.7	0.00021666	0.000712899	0.000194296	0.00033288	0.00033288	0.00303851	0.000125766	0.000322269	0.000322269	4.26573E-09	2.98818E-07	3.03083E-07	0.303083352
371328.763772952.7	371328.76	3772952.7	0.000230416	0.00075816	0.000206631	0.000354013	0.000354013	0.002972358	0.000133751	0.000342729	0.000342729	4.53656E-09	3.01439E-07	3.05976E-07	0.305975908
371328.763772972.7	371328.76	3772972.7	0.000241211	0.00079368	0.000216312	0.000370599	0.000370599	0.0028543	0.000140017	0.000358786	0.000358786	4.7491E-09	2.99323E-07	3.04072E-07	0.304071601
371328.763772992.7	371328.76	3772992.7	0.000248509	0.000817696	0.000222857	0.000381813	0.000381813	0.00270518	0.000144254	0.000369643	0.000369643	4.8928E-09	2.93518E-07	2.9841E-07	0.298410498
371328.763773012.7	371328.76	3773012.7	0.000251222	0.00082662	0.00022529	0.00038598	0.00038598	0.002511672	0.000145828	0.000373677	0.000373677	4.9462E-09	2.82645E-07	2.87592E-07	0.287591579
371328.763773032.7	371328.76	3773032.7	0.000245546	0.000807944	0.0002202	0.00037726	0.00037726	0.002289022	0.000142533	0.000365234	0.000365234	4.83445E-09	2.65789E-07	2.70624E-07	0.270623567
371328.763773052.7	371328.76	3773052.7	0.000233837	0.000769419	0.0002097	0.000359271	0.000359271	0.001851701	0.000135737	0.000347819	0.000347819	4.60393E-09	2.32404E-07	2.37008E-07	0.237008001
371328.763773072.7	371328.76	3773072.7	0.000219878	0.000723488	0.000197182	0.000337824	0.000337824	0.001623	0.000127634	0.000327056	0.000327056	4.3291E-09	2.11073E-07	2.15402E-07	0.215402325
371348.763772712.7	371348.76	3772712.7	7.67441E-05	0.000252519	6.88223E-05	0.000117911	0.000117911	0.002031125	4.45481E-05	0.000114152	0.000114152	1.51098E-09	1.66107E-07	1.67618E-07	0.167617602
371348.763772732.7	371348.76	3772732.7	8.47352E-05	0.000278813	7.59885E-05	0.000130188	0.000130188	0.002172908	4.91868E-05	0.000126039	0.000126039	1.66832E-09	1.79003E-07	1.80672E-07	0.18067152
371348.763772752.7	371348.76	3772752.7	9.37448E-05	0.000308458	8.40681E-05	0.000144031	0.000144031	0.002316937	5.44166E-05	0.00013944	0.00013944	1.8457E-09	1.92545E-07	1.9439E-07	0.194390406
371348.763772772.7	371348.76	3772772.7	0.000104618	0.000344235	9.38189E-05	0.000160736	0.000160736	0.002487219	6.07283E-05	0.000155613	0.000155613	2.05978E-09	2.08664E-07	2.10724E-07	0.210723756
371348.763772792.7	371348.76	3772792.7	0.000116357	0.000382861	0.000104346	0.000178772	0.000178772	0.002638568	6.75424E-05	0.000173074	0.000173074	2.2909E-09	2.24016E-07	2.26307E-07	0.226306969
371348.763772812.7	371348.76	3772812.7	0.000130825	0.000430467	0.000117321	0.000201001	0.000201001	0.002828941	7.59409E-05	0.000194594	0.000194594	2.57576E-09	2.4318E-07	2.45755E-07	0.245755376
371348.763772832.7	371348.76	3772832.7	0.000145826	0.000479827	0.000130774	0.000224049	0.000224049	0.002973098	8.46487E-05	0.000216908	0.000216908	2.87111E-09	2.5969E-07	2.62561E-07	0.262560873
371348.763772852.7	371348.76	3772852.7	0.000163431	0.000537754	0.000146561	0.000251098	0.000251098	0.003135786	9.4868E-05	0.000243094	0.000243094	3.21773E-09	2.78656E-07	2.81874E-07	0.281873703
371348.763772872.7	371348.76	3772872.7	0.000181583	0.00059748	0.000162839	0.000278986	0.000278986	0.003244906	0.000105404	0.000270093	0.000270093	3.57511E-09	2.94511E-07	2.98087E-07	0.298086572
371348.763772892.7	371348.76	3772892.7	0.000202049	0.000664824	0.000181193	0.000310431	0.000310431	0.003359541	0.000117285	0.000300536	0.000300536	3.97807E-09	3.11859E-07	3.15837E-07	0.315837
371348.763772952.7	371348.76	3772952.7	0.000262176	0.000862666	0.000235114	0.000402811	0.000402811	0.003408645	0.000152187	0.000389972	0.000389972	5.16188E-09	3.44667E-07	3.49829E-07	0.349829124
371348.763772972.7	371348.76	3772972.7	0.000276916	0.000911166	0.000248332	0.000425458	0.000425458	0.003282896	0.000160743	0.000411896	0.000411896	5.45209E-09	3.44014E-07	3.49466E-07	0.34946623
371348.763772992.7	371348.76	3772992.7	0.000287915	0.000947356	0.000258195	0.000442356	0.000442356	0.003124131	0.000167128	0.000428256	0.000428256	5.66864E-09	3.39429E-07	3.45098E-07	0.345097511
371348.763773012.7	371348.76	3773012.7	0.000293068	0.000964312	0.000262817	0.000450274	0.000450274	0.002918013	0.000170119	0.000435921	0.000435921	5.7701E-09	3.28967E-07	3.34737E-07	0.334736849
371348.763773032.7	371348.76	3773032.7	0.000288485	0.000949233	0.000258707	0.000443233	0.000443233	0.002652817	0.000167459	0.000429105	0.000429105	5.67987E-09	3.09966E-07	3.15645E-07	0.315645394
371348.763773052.7	371348.76	3773052.7	0.000278678	0.000916963	0.000249912	0.000428165	0.000428165	0.002377242	0.000161766	0.000414517	0.000414517	5.48678E-09	2.87728E-07	2.93215E-07	0.293214514
371348.763773072.7	371348.76	3773072.7	0.000259074	0.000852456	0.000232331	0.000398044	0.000398044	0.001884798	0.000150386	0.000385356	0.000385356	5.10079E-09	2.46962E-07	2.52063E-07	0.252063107
371368.763772712.7	371368.76	3772712.7	7.90762E-05	0.000260193	7.09137E-05	0.000121494	0.000121494	0.002099318	4.59019E-05	0.000117621	0.000117621	1.5569E-09	1.71563E-07	1.7312E-07	0.173119618
371368.763772732.7	371368.76	3772732.7	8.75664E-05	0.000288129	7.85274E-05	0.000134538	0.000134538	0.002258856	5.08302E-05	0.00013025	0.00013025	1.72406E-09	1.85826E-07	1.8755E-07	0.187550431
371368.763772752.7	371368.76	3772752.7	9.73499E-05	0.00032032	8.73011E-05	0.00014957	0.00014957	0.002428608	5.65093E-05	0.000144802	0.000144802	1.91668E-09	2.01374E-07	2.0329E-07	0.203290413
371368.763772772.7	371368.76	3772772.7	0.000108535	0.000357125	9.7332E-05	0.000166755	0.000166755	0.002604131	6.30023E-05	0.00016144	0.00016144	2.13691E-09	2.17978E-07	2.20115E-07	0.220115001
371368.763772792.7	371368.76	3772792.7	0.000122029	0.000401526	0.000109433	0.000187488	0.000187488	0.002807151	7.08352E-05	0.000181511	0.000181511	2.40259E-09	2.37458E-07	2.39861E-07	0.239861008
371368.763772812.7	371368.76	3772812.7	0.000137584	0.000452707	0.000123382	0.000211386	0.000211386	0.003016768	7.98642E-05	0.000204648	0.000204648	2.70883E-09	2.58373E-07	2.61082E-07	0.261082077
371368.763772832.7	371368.76	3772832.7	0.000155488	0.000511617	0.000139438	0.000238893	0.000238893	0.003230512	9.02569E-05	0.000231278	0.000231278	3.06133E-09	2.80709E-07	2.83771E-07	0.28377055
371368.763772852.7	371368.76	3772852.7	0.000175449	0.000577296	0.000157338	0.000269561	0.000269561	0.003427589	0.000101844	0.000260969	0.000260969	3.45433E-09	3.0301E-07	3.06464E-07	0.306464159
371368.763772872.7	371368.76	3772872.7	0.000198628	0.000653564	0.000178124	0.000305174	0.000305174	0.003635963	0.000115299	0.000295446	0.000295446	3.9107E-09	3.27614E-07	3.31524E-07	0.331524212
371368.763772892.7	371368.76	3772892.7	0.000221963	0.000730347	0.000199051	0.000341026	0.000341026	0.003756369	0.000128844	0.000330156	0.000330156	4.37013E-09	3.46743E-07	3.51113E-07	0.351112735
371368.763772972.7	371368.76	3772972.7	0.000321876	0.0010591	0.00028865	0.000494534	0.000494534	0.00385237	0.000186841	0.000478771	0.000478771	6.33728E-09	4.02169E-07	4.08506E-07	0.408506458
371368.763772992.7	371368.76	3772992.7	0.000337702	0.001111175	0.000302843	0.000518849	0.000518849	0.00367472	0.000196028	0.000502311	0.000502311	6.64887E-09	3.98777E-07	4.05426E-07	0.405426113
371368.763773012.7	371368.76	3773012.7	0.000346209	0.001139166	0.000310472	0.00053192	0.00053192	0.003433393	0.000200966	0.000514965	0.000514965	6.81637E-09	3.8775E-07	3.94567E-07	0.394566652
371368.763773032.7	371368.76	3773032.7	0.00034553	0.001136932	0.000309863	0.000530877	0.000530877	0.003117748	0.000200572	0.000513955	0.000513955	6.803E-09	3.67494E-07	3.74297E-07	0.37429708
371388.763772712.7	371388.76	3772712.7	8.10554E-05	0.000266705	7.26885E-05	0.000124534	0.000124534	0.002146821	4.70507E-05	0.000120565	0.000120565	1.59587E-09	1.75539E-07	1.77134E-07	0.177134399
371388.763772732.7	371388.76	3772732.7	8.99732E-05	0.000296048	8.06859E-05	0.000138236	0.000138236	0.00232228	5.22273E-05	0.00013383	0.00013383	1.77145E-09	1.91018E-07	1.9279E-07	0.19278981
371388.763772752.7	371388.76	3772752.7	0.000100568	0.00033091	9.01871E-05	0.000154514	0.000154514	0.002520493	5.83774E-05	0.000149589	0.000149589	1.98004E-09	2.08763E-07	2.10743E-07	0.210742902
371388.763772772.7	371388.76	3772772.7	0.000113023	0.000371892	0.000101357	0.00017365	0.00017365	0.002737597	6.56073E-05	0.000168115	0.000168115	2.22527E-09	2.28619E-07	2.30844E-07	0.23084401

371388.763772792.7	371388.76	3772792.7	0.000126948	0.000417711	0.000113844	0.000195045	0.000195045	0.002948023	7.36905E-05	0.000188828	0.000188828	2.49943E-09	2.4878E-07	2.51279E-07	0.251278938
371388.763772812.7	371388.76	3772812.7	0.000144645	0.00047594	0.000129714	0.000222234	0.000222234	0.003215421	8.3963E-05	0.000215151	0.000215151	2.84786E-09	2.74399E-07	2.77247E-07	0.277247202
371388.763772832.7	371388.76	3772832.7	0.000165186	0.000543529	0.000148135	0.000253794	0.000253794	0.003491244	9.58867E-05	0.000245705	0.000245705	3.25229E-09	3.01956E-07	3.05209E-07	0.305208766
371388.763772852.7	371388.76	3772852.7	0.000187938	0.00061839	0.000168538	0.00028875	0.00028875	0.003738127	0.000109093	0.000279546	0.000279546	3.70023E-09	3.28779E-07	3.32479E-07	0.332479449
371388.763772872.7	371388.76	3772872.7	0.000216304	0.000711726	0.000193976	0.000332332	0.000332332	0.004046463	0.000125559	0.000321739	0.000321739	4.25872E-09	3.62255E-07	3.66513E-07	0.366513307
371388.763772892.7	371388.76	3772892.7	0.000244931	0.000805922	0.000219649	0.000376316	0.000376316	0.004238267	0.000142177	0.000364321	0.000364321	4.82235E-09	3.88505E-07	3.93327E-07	0.39332703
371388.763772972.7	371388.76	3772972.7	0.000376911	0.001240187	0.000338004	0.00057909	0.00057909	0.004550471	0.000218788	0.000560632	0.000560632	7.42084E-09	4.7342E-07	4.80841E-07	0.480841223
371388.763772992.7	371388.76	3772992.7	0.000400653	0.00131831	0.000359296	0.000615569	0.000615569	0.004373699	0.00023257	0.000595947	0.000595947	7.8883E-09	4.73995E-07	4.81884E-07	0.481883795
371388.763773012.7	371388.76	3773012.7	0.000414354	0.001363392	0.000371583	0.000636619	0.000636619	0.004085884	0.000240523	0.000616327	0.000616327	8.15805E-09	4.62601E-07	4.70759E-07	0.470758947
371408.763772712.7	371408.76	3772712.7	8.32178E-05	0.00027382	7.46277E-05	0.000127857	0.000127857	0.002191595	4.83059E-05	0.000123781	0.000123781	1.63844E-09	1.79433E-07	1.81071E-07	0.181071215
371408.763772732.7	371408.76	3772732.7	9.24446E-05	0.00030418	8.29021E-05	0.000142033	0.000142033	0.00237924	5.36619E-05	0.000137506	0.000137506	1.8201E-09	1.95834E-07	1.97654E-07	0.197654443
371408.763772752.7	371408.76	3772752.7	0.000104119	0.000342593	9.33714E-05	0.00015997	0.00015997	0.002615106	6.04386E-05	0.000154871	0.000154871	2.04996E-09	2.16489E-07	2.18538E-07	0.218538471
371408.763772772.7	371408.76	3772772.7	0.000116944	0.000384793	0.000104873	0.000179675	0.000179675	0.002843592	6.78833E-05	0.000173947	0.000173947	2.30247E-09	2.37246E-07	2.39548E-07	0.239548059
371408.763772792.7	371408.76	3772792.7	0.000132556	0.000436164	0.000118873	0.000203661	0.000203661	0.003106982	7.69458E-05	0.00019717	0.00019717	2.60985E-09	2.61583E-07	2.64192E-07	0.264192408
371408.763772812.7	371408.76	3772812.7	0.000152032	0.000500246	0.000136339	0.000233584	0.000233584	0.0034223	8.82509E-05	0.000226138	0.000226138	2.99329E-09	2.91106E-07	2.94099E-07	0.294098925
371408.763772832.7	371408.76	3772832.7	0.00017405	0.000572694	0.000156084	0.000267412	0.000267412	0.003726263	0.000101032	0.000258889	0.000258889	3.4268E-09	3.21168E-07	3.24595E-07	0.324595168
371408.763772852.7	371408.76	3772852.7	0.000201863	0.000664209	0.000181026	0.000310144	0.000310144	0.004096521	0.000117177	0.000300259	0.000300259	3.97439E-09	3.58278E-07	3.62253E-07	0.362252772
371408.763772872.7	371408.76	3772872.7	0.000232846	0.000766157	0.000208811	0.000357748	0.000357748	0.004425698	0.000135162	0.000346345	0.000346345	4.58441E-09	3.94362E-07	3.98947E-07	0.398946709
371408.763772892.7	371408.76	3772892.7	0.000268647	0.000883956	0.000240916	0.000412752	0.000412752	0.004740785	0.000155943	0.000399596	0.000399596	5.28928E-09	4.31937E-07	4.37226E-07	0.43722649
371428.763772712.7	371428.76	3772712.7	8.56144E-05	0.000281706	7.6777E-05	0.000131539	0.000131539	0.002232763	4.96972E-05	0.000127346	0.000127346	1.68563E-09	1.83215E-07	1.84901E-07	0.184900764
371428.763772732.7	371428.76	3772732.7	9.54116E-05	0.000313942	8.55628E-05	0.000146592	0.000146592	0.002441105	5.53841E-05	0.000141919	0.000141919	1.87852E-09	2.01205E-07	2.03083E-07	0.203083194
371428.763772752.7	371428.76	3772752.7	0.000107619	0.000354109	9.65101E-05	0.000165347	0.000165347	0.002695395	6.24702E-05	0.000160077	0.000160077	2.11886E-09	2.23285E-07	2.25404E-07	0.225403834
371428.763772772.7	371428.76	3772772.7	0.0001215	0.000399783	0.000108958	0.000186674	0.000186674	0.002959786	7.05278E-05	0.000180724	0.000180724	2.39216E-09	2.4683E-07	2.49222E-07	0.249221892
371428.763772792.7	371428.76	3772792.7	0.000138212	0.000454773	0.000123945	0.000212351	0.000212351	0.003257602	8.02288E-05	0.000205582	0.000205582	2.7212E-09	2.73883E-07	2.76604E-07	0.276604036
371428.763772812.7	371428.76	3772812.7	0.000159147	0.000523658	0.000142719	0.000244516	0.000244516	0.003613482	9.23811E-05	0.000236722	0.000236722	3.13338E-09	3.06687E-07	3.0982E-07	0.309820488
371428.763772832.7	371428.76	3772832.7	0.000183477	0.000603713	0.000164538	0.000281896	0.000281896	0.003976651	0.000106504	0.000272911	0.000272911	3.6124E-09	3.41629E-07	3.45241E-07	0.345241098
371428.763772852.7	371428.76	3772852.7	0.00021368	0.000703092	0.000191623	0.0003283	0.0003283	0.004392584	0.000124036	0.000317836	0.000317836	4.20705E-09	3.82802E-07	3.87009E-07	0.3870092
371428.763772872.7	371428.76	3772872.7	0.000250359	0.000823783	0.000224516	0.000384655	0.000384655	0.00484094	0.000145328	0.000372395	0.000372395	4.92922E-09	4.29222E-07	4.34151E-07	0.434151402
371448.763772712.7	371448.76	3772712.7	8.72575E-05	0.000287112	7.82504E-05	0.000134064	0.000134064	0.00223578	5.06509E-05	0.00012979	0.00012979	1.71798E-09	1.84217E-07	1.85935E-07	0.185935365
371448.763772732.7	371448.76	3772732.7	9.76045E-05	0.000321158	8.75294E-05	0.000149961	0.000149961	0.002463125	5.66571E-05	0.000145181	0.000145181	1.9217E-09	2.03678E-07	2.056E-07	0.205599656
371448.763772752.7	371448.76	3772752.7	0.00010973	0.000361057	9.84036E-05	0.000168591	0.000168591	0.002716021	6.36959E-05	0.000163217	0.000163217	2.16044E-09	2.2563E-07	2.27791E-07	0.227790501
371448.763772772.7	371448.76	3772772.7	0.00012464	0.000410116	0.000111774	0.000191498	0.000191498	0.00301523	7.23505E-05	0.000185394	0.000185394	2.45399E-09	2.5188E-07	2.54334E-07	0.254334417
371448.763772792.7	371448.76	3772792.7	0.000142876	0.00047012	0.000128128	0.000219517	0.000219517	0.003362338	8.29363E-05	0.00021252	0.00021252	2.81303E-09	2.82798E-07	2.85611E-07	0.285610583
371448.763772812.7	371448.76	3772812.7	0.000165465	0.000544445	0.000148385	0.000254222	0.000254222	0.003767704	9.60483E-05	0.000246119	0.000246119	3.25777E-09	3.19542E-07	3.228E-07	0.322799513
371448.763772832.7	371448.76	3772832.7	0.000193576	0.000636944	0.000173595	0.000297413	0.000297413	0.004238138	0.000112366	0.000287933	0.000287933	3.81124E-09	3.63122E-07	3.66933E-07	0.366932818
371448.763772852.7	371448.76	3772852.7	0.000227167	0.00074747	0.000203718	0.000349022	0.000349022	0.004735523	0.000131865	0.000337897	0.000337897	4.47259E-09	4.1111E-07	4.15582E-07	0.415582116
371468.763772712.7	371468.76	3772712.7	8.88666E-05	0.000292407	7.96934E-05	0.000136536	0.000136536	0.002225443	5.15849E-05	0.000132184	0.000132184	1.74966E-09	1.8436E-07	1.8611E-07	0.186109698
371468.763772732.7	371468.76	3772732.7	9.96583E-05	0.000327916	8.93712E-05	0.000153116	0.000153116	0.002465761	5.78493E-05	0.000148236	0.000148236	1.96213E-09	2.04859E-07	2.06821E-07	0.206821291
371468.763772752.7	371468.76	3772752.7	0.000112762	0.000371032	0.000101122	0.000173249	0.000173249	0.002748952	6.54556E-05	0.000167727	0.000167727	2.22012E-09	2.29206E-07	2.31426E-07	0.23142638
371468.763772772.7	371468.76	3772772.7	0.000128659	0.000423341	0.000115379	0.000197674	0.000197674	0.003079142	7.46837E-05	0.000191373	0.000191373	2.53312E-09	2.579E-07	2.60433E-07	0.260433063
371468.763772792.7	371468.76	3772792.7	0.000148016	0.000487032	0.000132737	0.000227414	0.000227414	0.003461458	8.59197E-05	0.000220165	0.000220165	2.91422E-09	2.91593E-07	2.94507E-07	0.29450687
371468.763772812.7	371468.76	3772812.7	0.000173802	0.000571879	0.000155862	0.000267032	0.000267032	0.003961046	0.000100888	0.00025852	0.00025852	3.42192E-09	3.35863E-07	3.39285E-07	0.339285283
371468.763772832.7	371468.76	3772832.7	0.000203098	0.000668275	0.000182134	0.000312043	0.000312043	0.004463961	0.000117894	0.000302097	0.000302097	3.99872E-09	3.82078E-07	3.86077E-07	0.386077218
371468.763772852.7	371468.76	3772852.7	0.000239058	0.000786598	0.000214382	0.000367292	0.000367292	0.00502217	0.000138768	0.000355585	0.000355585	4.70672E-09	4.35076E-07	4.39783E-07	0.439782677
371488.763772712.7	371488.76	3772712.7	9.11682E-05	0.00029998	8.17574E-05	0.000140072	0.000140072	0.002222345	5.2921E-05	0.000135607	0.000135607	1.79497E-09	1.85302E-07	1.87097E-07	0.187096772
371488.763772732.7	371488.76	3772732.7	0.000102208	0.000336305	9.16575E-05	0.000157033	0.000157033	0.00246686	5.93292E-05	0.000152028	0.000152028	2.01233E-09	2.06188E-07	2.08201E-07	0.208200511
371488.763772752.7	371488.76	3772752.7	0.000115715	0.00038075	0.000103771	0.000177786	0.000177786	0.002759703	6.717E-05	0.00017212	0.00017212	2.27827E-09	2.31344E-07	2.33622E-07	0.23362228
371488.763772772.7	371488.76	3772772.7	0.000131881	0.000433941	0.000118268	0.000202623	0.000202623	0.003096955	7.65537E-05	0.000196165	0.000196165	2.59655E-09	2.60616E-07	2.63213E-07	0.263212518
371488.763772792.7	371488.76	3772792.7	0.000151879	0.000499743	0.000136202	0.000233349	0.000233349	0.003498746	8.81622E-05	0.000225911	0.000225911	2.99028E-09	2.95855E-07	2.98845E-07	0.298845042
371488.763772812.7	371488.76	3772812.7	0.00017994	0.000592074	0.000161366	0.000276462	0.000276462	0.004061146	0.000104451	0.000267649	0.000267649	3.54276E-09	3.45213E-07	3.48756E-07	0.348756255
371488.763772832.7	371488.76	3772832.7	0.000210967	0.000694167	0.00018919	0.000324133	0.000324133	0.004616033	0.000122462	0.000313801	0.000313801	4.15365E-09	3.95564E-07	3.99718E-07	0.399717714
371488.763772852.7	371488.76	3772852.7	0.000248601	0.000817997	0.000222939	0.000381954	0.000381954	0.005225839	0.000144307	0.000369779	0.000369779	4.8946E-09	4.52645E-07	4.57539E-07	0.457539371
371508.763772712.7	371508.76	3772712.7	9.27909E-05	0.000305319	8.32126E-05	0.000142565	0.000142565	0.002186579	5.38629E-05	0.000138021	0.000138021	1.82692E-09	1.83846E-07	1.85673E-07	0.185673262
371508.763772732.7	371508.76	3772732.7	0.000103895	0.000341856	9.31705E-05	0.000159625	0.000159625	0.002427836	6.03085E-05	0.000154537	0.000154537	2.04554E-09	2.04559E-07	2.06605E-07	0.206604508
371508.763772752.7	371508.76	3772752.7	0.000118078	0.000388524	0.00010589	0.000181417	0.000181417	0.002733658	6.85415E-05	0.000175634	0.000175634	2.32479E-09	2.30868E-07	2.33193E-07	0.233192521
371508.763772772.7	371508.76	3772772.7	0.000134536	0.000442676	0.000120648	0.000206702	0.000206702	0.003075664	7.80947E-05	0.000200113	0.000200113	2.64881E-09	2.60584E-07	2.63233E-07	0.263232754
371508.763772792.7	371508.76	3772792.7	0.000155552	0.000511829	0.000139495	0.000238992	0.000238992	0.003502905	9.02943E-05	0.000231374	0.000231374	3.0626E-09	2.97932E-07	3.00995E-07	0.300994708
371508.763772812.7	371508.76	3772812.7	0.000184536	0.000607198	0.000165488	0.000283524	0.000283524	0.004085825	0.000107119	0.000274486	0.000274486	3.63326E-09	3.49042E-07	3.52675E-07	0.352675357
371508.763772832.7	371508.76	3772832.7	0.000216141	0.00071119	0.00019383	0.000332082	0.000332082	0.004662716	0.000125465	0.000321496	0.000321496	4.25551E-09	4.01067E-07	4.05322E-07	0.40532203
371528.763772712.7	371528.76	3772712.7	9.39994E-05	0.000309296	8.42964E-05	0.000144422	0.000144422	0.002129447	5.45644E-05	0.000139818	0.000139818	1.85071E-09	1.80838E-07	1.82689E-07	0.182688506

371528.763772732.7	371528.76	3772732.7	0.00010567	0.000347698	9.47626E-05	0.000162353	0.000162353	0.002377156	6.13391E-05	0.000157178	0.000157178	2.0805E-09	2.02238E-07	2.04318E-07	0.20431824
371528.763772752.7	371528.76	3772752.7	0.000120152	0.000395349	0.00010775	0.000184603	0.000184603	0.002681638	6.97455E-05	0.000178719	0.000178719	2.36563E-09	2.2861E-07	2.30975E-07	0.230975189
371528.763772772.7	371528.76	3772772.7	0.000136912	0.000450495	0.000122779	0.000210353	0.000210353	0.003023869	7.94741E-05	0.000203648	0.000203648	2.6956E-09	2.58489E-07	2.61185E-07	0.26118486
371528.763772792.7	371528.76	3772792.7	0.000158692	0.000522161	0.000142311	0.000243817	0.000243817	0.003462787	9.21171E-05	0.000236045	0.000236045	3.12443E-09	2.96952E-07	3.00076E-07	0.300076222
371528.763772812.7	371528.76	3772812.7	0.000186716	0.000614369	0.000167442	0.000286872	0.000286872	0.004014218	0.000108384	0.000277728	0.000277728	3.67617E-09	3.456E-07	3.49276E-07	0.349275927
371528.763772832.7	371528.76	3772832.7	0.000220316	0.000724929	0.000197574	0.000338497	0.000338497	0.00464293	0.000127888	0.000327707	0.000327707	4.33772E-09	4.01881E-07	4.06219E-07	0.406218701
371548.763772712.7	371548.76	3772712.7	9.45527E-05	0.000311116	8.47926E-05	0.000145272	0.000145272	0.002049485	5.48856E-05	0.000140641	0.000140641	1.86161E-09	1.76065E-07	1.77926E-07	0.177926336
371548.763772732.7	371548.76	3772732.7	0.000106648	0.000350915	9.56394E-05	0.000163855	0.000163855	0.002296428	6.19066E-05	0.000158633	0.000158633	2.09975E-09	1.97626E-07	1.99726E-07	0.199725729
371548.763772752.7	371548.76	3772752.7	0.000120607	0.000396846	0.000108158	0.000185302	0.000185302	0.00257643	7.00095E-05	0.000179396	0.000179396	2.37458E-09	2.22195E-07	2.24569E-07	0.224569116
371548.763772772.7	371548.76	3772772.7	0.000137991	0.000454047	0.000123747	0.000212012	0.000212012	0.002921335	8.01007E-05	0.000205254	0.000205254	2.71685E-09	2.52552E-07	2.55268E-07	0.255268486
371548.763772792.7	371548.76	3772792.7	0.000159402	0.000524496	0.000142948	0.000244907	0.000244907	0.003338635	9.25289E-05	0.0002371	0.0002371	3.1384E-09	2.89467E-07	2.92605E-07	0.292605382
371548.763772812.7	371548.76	3772812.7	0.000185982	0.000611956	0.000166784	0.000285746	0.000285746	0.003845307	0.000107958	0.000276637	0.000276637	3.66173E-09	3.34577E-07	3.38239E-07	0.338239052
371548.763772832.7	371548.76	3772832.7	0.000221036	0.000727297	0.00019822	0.000339603	0.000339603	0.004499534	0.000128306	0.000328778	0.000328778	4.35189E-09	3.93187E-07	3.97539E-07	0.397538571
371568.763772712.7	371568.76	3772712.7	9.44543E-05	0.000310792	8.47043E-05	0.000145121	0.000145121	0.001952407	5.48285E-05	0.000140495	0.000140495	1.85967E-09	1.69889E-07	1.71749E-07	0.171749029
371568.763772732.7	371568.76	3772732.7	0.000106492	0.000350401	9.54994E-05	0.000163615	0.000163615	0.002185137	6.1816E-05	0.0001584	0.0001584	2.09667E-09	1.90525E-07	1.92622E-07	0.19262183
371568.763772752.7	371568.76	3772752.7	0.000121327	0.000399214	0.000108803	0.000186408	0.000186408	0.002469545	7.04273E-05	0.000180466	0.000180466	2.38875E-09	2.15804E-07	2.18193E-07	0.21819323
371568.763772772.7	371568.76	3772772.7	0.000139672	0.000459576	0.000125254	0.000214593	0.000214593	0.002817483	8.10761E-05	0.000207753	0.000207753	2.74994E-09	2.46828E-07	2.49578E-07	0.249577634
371568.763772792.7	371568.76	3772792.7	0.000160183	0.000527065	0.000143648	0.000246106	0.000246106	0.003197045	9.29821E-05	0.000238262	0.000238262	3.15377E-09	2.80917E-07	2.84071E-07	0.284070624
371568.763772812.7	371568.76	3772812.7	0.000186604	0.000614001	0.000167342	0.0002867	0.0002867	0.003680486	0.000108319	0.000277561	0.000277561	3.67396E-09	3.24482E-07	3.28156E-07	0.328156166
371588.763772712.7	371588.76	3772712.7	9.43253E-05	0.000310368	8.45886E-05	0.000144923	0.000144923	0.001856288	5.47536E-05	0.000140303	0.000140303	1.85713E-09	1.63759E-07	1.65617E-07	0.165616565
371588.763772732.7	371588.76	3772732.7	0.000105979	0.000348714	9.50397E-05	0.000162828	0.000162828	0.002067277	6.15185E-05	0.000157638	0.000157638	2.08658E-09	1.82834E-07	1.8492E-07	0.184920144
371588.763772752.7	371588.76	3772752.7	0.000120709	0.000397181	0.000108249	0.000185459	0.000185459	0.002332381	7.00686E-05	0.000179547	0.000179547	2.37659E-09	2.06843E-07	2.09219E-07	0.20921923
371588.763772772.7	371588.76	3772772.7	0.000137645	0.000452908	0.000123437	0.00021148	0.00021148	0.002632019	7.98997E-05	0.000204739	0.000204739	2.71004E-09	2.34121E-07	2.36831E-07	0.236831484
371588.763772792.7	371588.76	3772792.7	0.000159368	0.000524384	0.000142917	0.000244855	0.000244855	0.003012905	9.25092E-05	0.00023705	0.00023705	3.13773E-09	2.68893E-07	2.72031E-07	0.272030688
371608.763772712.7	371608.76	3772712.7	9.32457E-05	0.000306816	8.36205E-05	0.000143264	0.000143264	0.001745951	5.41269E-05	0.000138697	0.000138697	1.83588E-09	1.56263E-07	1.58098E-07	0.158098449
371608.763772732.7	371608.76	3772732.7	0.00010472	0.00034457	9.39102E-05	0.000160893	0.000160893	0.001940322	6.07874E-05	0.000155764	0.000155764	2.06179E-09	1.74199E-07	1.76261E-07	0.176260788
371608.763772752.7	371608.76	3772752.7	0.000119045	0.000391708	0.000106757	0.000182903	0.000182903	0.002180963	6.91031E-05	0.000177073	0.000177073	2.34384E-09	1.96465E-07	1.98808E-07	0.198808375
371608.763772772.7	371608.76	3772772.7	0.000135282	0.000445133	0.000121318	0.00020785	0.00020785	0.002448168	7.85282E-05	0.000201224	0.000201224	2.66352E-09	2.21351E-07	2.24014E-07	0.224014461
371608.763772792.7	371608.76	3772792.7	0.00015524	0.000510801	0.000139215	0.000238512	0.000238512	0.002772146	9.0113E-05	0.00023091	0.00023091	3.05645E-09	2.51659E-07	2.54715E-07	0.254715205
371628.763772712.7	371628.76	3772712.7	9.16944E-05	0.000301711	8.22293E-05	0.00014088	0.00014088	0.001635513	5.32264E-05	0.00013639	0.00013639	1.80533E-09	1.48526E-07	1.50331E-07	0.150331465
371628.763772732.7	371628.76	3772732.7	0.000102731	0.000338025	9.21263E-05	0.000157837	0.000157837	0.001809863	5.96326E-05	0.000152805	0.000152805	2.02262E-09	1.64983E-07	1.67005E-07	0.16700524
371628.763772752.7	371628.76	3772752.7	0.000116353	0.00038285	0.000104343	0.000178767	0.000178767	0.002022669	6.75404E-05	0.000173069	0.000173069	2.29084E-09	1.85144E-07	1.87435E-07	0.187435102
371628.763772772.7	371628.76	3772772.7	0.000131837	0.000433796	0.000118228	0.000202556	0.000202556	0.002259183	7.65281E-05	0.000196099	0.000196099	2.59568E-09	2.07721E-07	2.10317E-07	0.210317034
371648.763772712.7	371648.76	3772712.7	8.8982E-05	0.000292787	7.97969E-05	0.000136713	0.000136713	0.00151552	5.16519E-05	0.000132355	0.000132355	1.75193E-09	1.39613E-07	1.41365E-07	0.141364935
371648.763772732.7	371648.76	3772732.7	9.93019E-05	0.000326743	8.90516E-05	0.000152569	0.000152569	0.001667919	5.76424E-05	0.000147706	0.000147706	1.95511E-09	1.5433E-07	1.56285E-07	0.156285366
371648.763772752.7	371648.76	3772752.7	0.000111485	0.000366832	9.99775E-05	0.000171288	0.000171288	0.001844616	6.47147E-05	0.000165828	0.000165828	2.19499E-09	1.71502E-07	1.73697E-07	0.173696814
371648.763772772.7	371648.76	3772772.7	0.000125998	0.000414584	0.000112992	0.000193585	0.000193585	0.002051066	7.31388E-05	0.000187414	0.000187414	2.48072E-09	1.91702E-07	1.94183E-07	0.194182534
371668.763772712.7	371668.76	3772712.7	8.62493E-05	0.000283795	7.73463E-05	0.000132514	0.000132514	0.001407343	5.00656E-05	0.000128291	0.000128291	1.69813E-09	1.31436E-07	1.33134E-07	0.133133699
371668.763772732.7	371668.76	3772732.7	9.57375E-05	0.000315015	8.58551E-05	0.000147092	0.000147092	0.001538617	5.55733E-05	0.000142404	0.000142404	1.88494E-09	1.44409E-07	1.46294E-07	0.146293569
371668.763772752.7	371668.76	3772752.7	0.000106505	0.000350446	9.55115E-05	0.000163636	0.000163636	0.001683969	6.18239E-05	0.00015842	0.00015842	2.09694E-09	1.58903E-07	1.60999E-07	0.160999483
371688.763772712.7	371688.76	3772712.7	8.29835E-05	0.000273049	7.44177E-05	0.000127497	0.000127497	0.001302328	4.817E-05	0.000123433	0.000123433	1.63383E-09	1.23194E-07	1.24828E-07	0.12482817
371688.763772732.7	371688.76	3772732.7	9.10901E-05	0.000299723	8.16874E-05	0.000139952	0.000139952	0.001406877	5.28756E-05	0.000135491	0.000135491	1.79344E-09	1.33798E-07	1.35591E-07	0.135591488
371708.763772712.7	371708.76	3772712.7	7.85704E-05	0.000258528	7.04601E-05	0.000120717	0.000120717	0.001191134	4.56083E-05	0.000116869	0.000116869	1.54694E-09	1.13996E-07	1.15543E-07	0.115543146
371281.973773112.21	371281.97	3773112.2	0.000137082	0.000451053	0.000122931	0.000210614	0.000210614	0.000970108	7.95726E-05	0.000203901	0.000203901	2.69894E-09	1.28958E-07	1.31657E-07	0.131656743
371281.973773132.21	371281.97	3773132.2	0.000126667	0.000416784	0.000113592	0.000194612	0.000194612	0.000874707	7.3527E-05	0.000188409	0.000188409	2.49389E-09	1.17791E-07	1.20285E-07	0.120284706
371281.973773152.21	371281.97	3773152.2	0.000115776	0.000380951	0.000103825	0.00017788	0.00017788	0.000782119	6.72054E-05	0.00017221	0.00017221	2.27947E-09	1.06567E-07	1.08846E-07	0.108846044
371281.973773172.21	371281.97	3773172.2	0.000105945	0.000348603	9.50092E-05	0.000162776	0.000162776	0.000703111	6.14987E-05	0.000157587	0.000157587	2.08591E-09	9.67227E-08	9.88086E-08	0.098808601
371281.973773192.21	371281.97	3773192.2	9.49397E-05	0.00031239	8.51396E-05	0.000145867	0.000145867	0.000613782	5.51102E-05	0.000141217	0.000141217	1.86923E-09	8.5647E-08	8.75163E-08	0.08751627
371281.973773212.21	371281.97	3773212.2	8.53429E-05	0.000280812	7.65334E-05	0.000131122	0.000131122	0.000537476	4.95395E-05	0.000126942	0.000126942	1.68028E-09	7.60894E-08	7.77696E-08	0.077769634
371281.973773232.21	371281.97	3773232.2	7.90559E-05	0.000260126	7.08954E-05	0.000121462	0.000121462	0.000492058	4.58901E-05	0.000117591	0.000117591	1.5565E-09	7.01165E-08	7.1673E-08	0.071673042
371281.973773252.21	371281.97	3773252.2	7.02874E-05	0.000231274	6.3032E-05	0.00010799	0.00010799	0.000421957	4.08001E-05	0.000104548	0.000104548	1.38386E-09	6.13598E-08	6.27436E-08	0.062743639
371281.973773272.21	371281.97	3773272.2	5.83142E-05	0.000191877	5.22948E-05	8.95947E-05	8.95947E-05	0.00032214	3.385E-05	8.67389E-05	8.67389E-05	1.14812E-09	4.91442E-08	5.02923E-08	0.050292332
371281.973773292.21	371281.97	3773292.2	5.26654E-05	0.00017329	4.72291E-05	8.09159E-05	8.09159E-05	0.000281449	3.0571E-05	7.83367E-05	7.83367E-05	1.03691E-09	4.3785E-08	4.4822E-08	0.044821951
371281.973773312.21	371281.97	3773312.2	4.90026E-05	0.000161238	4.39443E-05	7.52882E-05	7.52882E-05	0.000257521	2.84448E-05	7.28883E-05	7.28883E-05	9.64791E-10	4.04651E-08	4.14299E-08	0.041429851
371281.973773332.21	371281.97	3773332.2	4.37747E-05	0.000144036	3.92561E-05	6.7256E-05	6.7256E-05	0.000222072	2.54102E-05	6.51122E-05	6.51122E-05	8.61862E-10	3.56447E-08	3.65065E-08	0.036506521
371281.973773352.21	371281.97	3773352.2	4.10454E-05	0.000135056	3.68085E-05	6.30626E-05	6.30626E-05	0.000205657	2.38259E-05	6.10525E-05	6.10525E-05	8.08125E-10	3.32601E-08	3.40682E-08	0.034068247
371281.973773372.21	371281.97	3773372.2	3.96264E-05	0.000130387	3.5536E-05	6.08825E-05	6.08825E-05	0.000197554	2.30022E-05	5.89419E-05	5.89419E-05	7.80188E-10	3.20476E-08	3.28278E-08	0.032827799
371301.973773112.21	371301.97	3773112.2	0.000155654	0.000512164	0.000139587	0.000239149	0.000239149	0.001079308	9.03534E-05	0.000231526	0.000231526	3.06461E-09	1.45026E-07	1.48091E-07	0.148090965
371301.973773132.21	371301.97	3773132.2	0.000144533	0.000475571	0.000129614	0.000222062	0.000222062	0.000980461	8.38979E-05	0.000214984	0.000214984	2.84565E-09	1.33293E-07	1.36139E-07	0.136138666
371301.973773152.21	371301.97	3773152.2	0.000128955	0.000424313	0.000115643	0.000198128	0.000198128	0.000850479	7.48551E-05	0.000191812	0.000191812	2.53893E-09	1.17392E-07	1.19931E-07	0.11993123

371301.973773172.21	371301.97	3773172.2	0.000118757	0.000390758	0.000106498	0.00018246	0.00018246	0.000773223	6.89356E-05	0.000176644	0.000176644	2.33816E-09	1.07478E-07	1.09816E-07	0.109816009
371301.973773192.21	371301.97	3773192.2	0.000107181	0.000352669	9.61174E-05	0.000164674	0.000164674	0.00068406	6.2216E-05	0.000159425	0.000159425	2.11024E-09	9.61309E-08	9.82411E-08	0.098241139
371301.973773212.21	371301.97	3773212.2	9.56322E-05	0.000314668	8.57607E-05	0.000146931	0.000146931	0.000594308	5.55122E-05	0.000142247	0.000142247	1.88286E-09	8.47602E-08	8.6643E-08	0.086643019
371301.973773232.21	371301.97	3773232.2	8.83608E-05	0.000290742	7.92398E-05	0.000135759	0.000135759	0.000542331	5.12913E-05	0.000131431	0.000131431	1.7397E-09	7.78869E-08	7.96266E-08	0.079626639
371301.973773252.21	371301.97	3773252.2	7.71888E-05	0.000253982	6.92211E-05	0.000118594	0.000118594	0.00045372	4.48063E-05	0.000114814	0.000114814	1.51974E-09	6.67744E-08	6.82942E-08	0.068294164
371301.973773272.21	371301.97	3773272.2	6.59523E-05	0.00021701	5.91445E-05	0.00010133	0.00010133	0.000364557	3.82838E-05	9.81001E-05	9.81001E-05	1.29851E-09	5.55952E-08	5.68937E-08	0.056893712
371301.973773292.21	371301.97	3773292.2	5.70887E-05	0.000187845	5.11958E-05	8.77119E-05	8.77119E-05	0.00029781	3.31387E-05	8.49161E-05	8.49161E-05	1.124E-09	4.70032E-08	4.81272E-08	0.048127194
371301.973773312.21	371301.97	3773312.2	5.16538E-05	0.000169962	4.63219E-05	7.93616E-05	7.93616E-05	0.000261487	2.99838E-05	7.68319E-05	7.68319E-05	1.01699E-09	4.20253E-08	4.30423E-08	0.04304234
371301.973773332.21	371301.97	3773332.2	4.65176E-05	0.000153062	4.17159E-05	7.14703E-05	7.14703E-05	0.000229917	2.70024E-05	6.91922E-05	6.91922E-05	9.15867E-10	3.74951E-08	3.8411E-08	0.03841097
371301.973773352.21	371301.97	3773352.2	4.30143E-05	0.000141534	3.85742E-05	6.60877E-05	6.60877E-05	0.000210523	2.49688E-05	6.39812E-05	6.39812E-05	8.46891E-10	3.45401E-08	3.5387E-08	0.035386974
371301.973773372.21	371301.97	3773372.2	4.04513E-05	0.000133101	3.62758E-05	6.21499E-05	6.21499E-05	0.000196204	2.3481E-05	6.01689E-05	6.01689E-05	7.96429E-10	3.237E-08	3.31664E-08	0.033166407
371321.973773112.21	371321.97	3773112.2	0.00017883	0.000588421	0.00016037	0.000274756	0.000274756	0.00121466	0.000103806	0.000265998	0.000265998	3.5209E-09	1.6502E-07	1.68541E-07	0.168540787
371321.973773132.21	371321.97	3773132.2	0.000165855	0.00054573	0.000148735	0.000254822	0.000254822	0.001101982	9.62749E-05	0.000246699	0.000246699	3.26545E-09	1.51498E-07	1.54763E-07	0.154763233
371321.973773152.21	371321.97	3773152.2	0.000146597	0.000482363	0.000131465	0.000225233	0.000225233	0.000947718	8.5096E-05	0.000218054	0.000218054	2.88629E-09	1.32246E-07	1.35133E-07	0.135132653
371321.973773172.21	371321.97	3773172.2	0.000134203	0.000441581	0.00012035	0.000206191	0.000206191	0.000856416	7.79016E-05	0.000199619	0.000199619	2.64226E-09	1.2036E-07	1.23002E-07	0.123002486
371321.973773192.21	371321.97	3773192.2	0.000119718	0.000393919	0.00010736	0.000183936	0.000183936	0.000747393	6.94932E-05	0.000178073	0.000178073	2.35707E-09	1.06322E-07	1.08679E-07	0.108679429
371321.973773212.21	371321.97	3773212.2	0.000107921	0.000355104	9.6781E-05	0.000165811	0.000165811	0.000660491	6.26456E-05	0.000160526	0.000160526	2.12481E-09	9.50091E-08	9.71339E-08	0.097133912
371321.973773232.21	371321.97	3773232.2	9.61109E-05	0.000316243	8.61899E-05	0.000147666	0.000147666	0.000571773	5.57901E-05	0.000142959	0.000142959	1.89229E-09	8.35745E-08	8.54668E-08	0.085466765
371321.973773252.21	371321.97	3773252.2	8.57638E-05	0.000282197	7.69109E-05	0.000131769	0.000131769	0.000494571	4.97839E-05	0.000127568	0.000127568	1.68857E-09	7.35896E-08	7.52782E-08	0.075278182
371321.973773272.21	371321.97	3773272.2	7.64861E-05	0.00025167	6.85909E-05	0.000117514	0.000117514	0.000426051	4.43984E-05	0.000113768	0.000113768	1.5059E-09	6.4681E-08	6.61869E-08	0.066186924
371321.973773292.21	371321.97	3773292.2	6.4883E-05	0.000213491	5.81855E-05	9.9687E-05	9.9687E-05	0.000338362	3.7663E-05	9.65095E-05	9.65095E-05	1.27745E-09	5.34137E-08	5.46911E-08	0.054691108
371321.973773312.21	371321.97	3773312.2	5.71261E-05	0.000187968	5.12293E-05	8.77692E-05	8.77692E-05	0.000284724	3.31603E-05	8.49716E-05	8.49716E-05	1.12473E-09	4.61957E-08	4.73205E-08	0.047320464
371321.973773332.21	371321.97	3773332.2	5.06286E-05	0.000166589	4.54025E-05	7.77865E-05	7.77865E-05	0.000244301	2.93887E-05	7.5307E-05	7.5307E-05	9.96806E-10	4.04341E-08	4.14309E-08	0.041430946
371321.973773352.21	371321.97	3773352.2	4.59609E-05	0.00015123	4.12166E-05	7.06149E-05	7.06149E-05	0.000219735	2.66792E-05	6.83641E-05	6.83641E-05	9.04905E-10	3.65774E-08	3.74823E-08	0.037482319
371321.973773372.21	371321.97	3773372.2	4.25085E-05	0.00013987	3.81206E-05	6.53106E-05	6.53106E-05	0.000202329	2.46752E-05	6.32288E-05	6.32288E-05	8.36932E-10	3.3773E-08	3.461E-08	0.034609963
371341.973773112.21	371341.97	3773112.2	0.00020577	0.000677066	0.00018453	0.000316148	0.000316148	0.001363163	0.000119445	0.00030607	0.00030607	4.05132E-09	1.87704E-07	1.91755E-07	0.191754888
371341.973773132.21	371341.97	3773132.2	0.000187113	0.000615676	0.000167798	0.000287482	0.000287482	0.001207372	0.000108614	0.000278319	0.000278319	3.68399E-09	1.68653E-07	1.72337E-07	0.172336639
371341.973773152.21	371341.97	3773152.2	0.000166042	0.000546344	0.000148902	0.000255109	0.000255109	0.001046098	9.63833E-05	0.000246977	0.000246977	3.26913E-09	1.48063E-07	1.51332E-07	0.15133228
371341.973773172.21	371341.97	3773172.2	0.000148019	0.000487043	0.00013274	0.000227419	0.000227419	0.000914181	8.59217E-05	0.00022017	0.00022017	2.91429E-09	1.30833E-07	1.33747E-07	0.133746932
371341.973773192.21	371341.97	3773192.2	0.000131606	0.000433036	0.000118021	0.000202201	0.000202201	0.000795163	7.63941E-05	0.000195756	0.000195756	2.59113E-09	1.15211E-07	1.17802E-07	0.117802409
371341.973773212.21	371341.97	3773212.2	0.00011708	0.00038524	0.000104995	0.000179883	0.000179883	0.000690362	6.79621E-05	0.000174149	0.000174149	2.30514E-09	1.0142E-07	1.03725E-07	0.103724933
371341.973773232.21	371341.97	3773232.2	0.000103888	0.000341834	9.31644E-05	0.000159615	0.000159615	0.000594769	6.03046E-05	0.000154527	0.000154527	2.04541E-09	8.88686E-08	9.0914E-08	0.090913973
371341.973773252.21	371341.97	3773252.2	8.91008E-05	0.000293177	7.99035E-05	0.000136896	0.000136896	0.000484614	5.17209E-05	0.000132532	0.000132532	1.75427E-09	7.46101E-08	7.63643E-08	0.076364321
371341.973773272.21	371341.97	3773272.2	7.86994E-05	0.000258953	7.05758E-05	0.000120915	0.000120915	0.000411598	4.56831E-05	0.000117061	0.000117061	1.54948E-09	6.48625E-08	6.6412E-08	0.066411975
371341.973773292.21	371341.97	3773292.2	7.00701E-05	0.000230559	6.28372E-05	0.000107657	0.000107657	0.00035318	4.0674E-05	0.000104225	0.000104225	1.37958E-09	5.69118E-08	5.82914E-08	0.058291388
371341.973773312.21	371341.97	3773312.2	6.33248E-05	0.000208364	5.67882E-05	9.72931E-05	9.72931E-05	0.000310184	3.67586E-05	9.41918E-05	9.41918E-05	1.24678E-09	5.08654E-08	5.21122E-08	0.052112203
371341.973773332.21	371341.97	3773332.2	5.59617E-05	0.000184136	5.01851E-05	8.59803E-05	8.59803E-05	0.000264451	3.24844E-05	8.32397E-05	8.32397E-05	1.10181E-09	4.43409E-08	4.54427E-08	0.045442748
371341.973773352.21	371341.97	3773352.2	4.99734E-05	0.000164433	4.4815E-05	7.67798E-05	7.67798E-05	0.000232082	2.90084E-05	7.43325E-05	7.43325E-05	9.83907E-10	3.93393E-08	4.03232E-08	0.040323193
371341.973773372.21	371341.97	3773372.2	4.55603E-05	0.000149912	4.08574E-05	6.99995E-05	6.99995E-05	0.000210871	2.64467E-05	6.77682E-05	6.77682E-05	8.97019E-10	3.58201E-08	3.67171E-08	0.0367171
371361.973773112.21	371361.97	3773112.2	0.000234703	0.000772267	0.000210476	0.000360601	0.000360601	0.001503124	0.00013624	0.000349107	0.000349107	4.62097E-09	2.10833E-07	2.15454E-07	0.215453717
371361.973773132.21	371361.97	3773132.2	0.000209528	0.000689431	0.0001879	0.000321921	0.000321921	0.001304091	0.000121626	0.00031166	0.00031166	4.12531E-09	1.85832E-07	1.89958E-07	0.189957586
371361.973773152.21	371361.97	3773152.2	0.000185426	0.000610125	0.000166285	0.00028489	0.00028489	0.0011283	0.000107635	0.000275809	0.000275809	3.65077E-09	1.62829E-07	1.66479E-07	0.166479447
371361.973773172.21	371361.97	3773172.2	0.000163547	0.000538134	0.000146665	0.000251275	0.000251275	0.000973473	9.4935E-05	0.000243266	0.000243266	3.22E-09	1.42247E-07	1.45467E-07	0.145466841
371361.973773192.21	371361.97	3773192.2	0.000143124	0.000470936	0.00012835	0.000219898	0.000219898	0.000828962	8.30802E-05	0.000212889	0.000212889	2.81791E-09	1.23036E-07	1.25854E-07	0.125853551
371361.973773212.21	371361.97	3773212.2	0.000126962	0.000417756	0.000113856	0.000195066	0.000195066	0.000717522	7.36984E-05	0.000188848	0.000188848	2.4997E-09	1.08017E-07	1.10516E-07	0.110516331
371361.973773232.21	371361.97	3773232.2	0.000112854	0.000371334	0.000101204	0.00017339	0.00017339	0.000620395	6.55088E-05	0.000167863	0.000167863	2.22193E-09	9.49158E-08	9.71377E-08	0.097137711
371361.973773292.21	371361.97	3773292.2	7.66694E-05	0.000252273	6.87553E-05	0.000117796	0.000117796	0.000374926	4.45048E-05	0.000114041	0.000114041	1.50951E-09	6.1545E-08	6.30546E-08	0.06305456
371361.973773312.21	371361.97	3773312.2	6.92588E-05	0.000227889	6.21096E-05	0.00010641	0.00010641	0.000329921	4.02031E-05	0.000103018	0.000103018	1.36361E-09	5.50431E-08	5.64067E-08	0.056406683
371361.973773332.21	371361.97	3773332.2	6.14781E-05	0.000202288	5.51321E-05	9.44557E-05	9.44557E-05	0.000283529	3.56866E-05	9.1445E-05	9.1445E-05	1.21042E-09	4.82707E-08	4.94811E-08	0.049481093
371361.973773352.21	371361.97	3773352.2	5.53405E-05	0.000182092	4.9628E-05	8.50258E-05	8.50258E-05	0.000249799	3.21238E-05	8.23156E-05	8.23156E-05	1.08958E-09	4.31093E-08	4.41989E-08	0.044198887
371361.973773372.21	371361.97	3773372.2	4.93794E-05	0.000162478	4.42822E-05	7.58671E-05	7.58671E-05	0.000220255	2.86636E-05	7.34488E-05	7.34488E-05	9.7221E-10	3.82993E-08	3.92715E-08	0.039271524
371381.973773112.21	371381.97	3773112.2	0.000274957	0.000904721	0.000246575	0.000422448	0.000422448	0.001708245	0.000159606	0.000408983	0.000408983	5.41352E-09	2.43668E-07	2.49082E-07	0.249081747
371381.973773132.21	371381.97	3773132.2	0.000236726	0.000778925	0.00021229	0.000363709	0.000363709	0.001416309	0.000137414	0.000352116	0.000352116	4.66081E-09	2.06353E-07	2.11014E-07	0.211014206
371381.973773152.21	371381.97	3773152.2	0.00020945	0.000689174	0.00018783	0.000321801	0.000321801	0.001229537	0.000121581	0.000311544	0.000311544	4.12377E-09	1.81088E-07	1.85212E-07	0.185212253
371381.973773172.21	371381.97	3773172.2	0.000181926	0.000598608	0.000163147	0.000279513	0.000279513	0.001040948	0.000105603	0.000270603	0.000270603	3.58186E-09	1.55586E-07	1.59168E-07	0.159168319
371381.973773192.21	371381.97	3773192.2	0.000159066	0.00052339	0.000142646	0.000244391	0.000244391	0.000887273	9.23338E-05	0.000236601	0.000236601	3.13178E-09	1.34593E-07	1.37724E-07	0.137724358
371381.973773212.21	371381.97	3773212.2	0.000139417	0.000458738	0.000125026	0.000214202	0.000214202	0.000755651	8.09283E-05	0.000207375	0.000207375	2.74493E-09	1.16577E-07	1.19322E-07	0.119322145
371381.973773232.21	371381.97	3773232.2	0.000123683	0.000406966	0.000110916	0.000190028	0.000190028	0.000652426	7.17948E-05	0.00018397	0.00018397	2.43514E-09	1.02288E-07	1.04723E-07	0.104723173
371381.973773252.21	371381.97	3773252.2	0.000107792	0.000354679	9.66653E-05	0.000165613	0.000165613	0.000546693	6.25707E-05	0.000160334	0.000160334	2.12227E-09	8.77634E-08	8.98857E-08	0.089885684
371381.973773272.21	371381.97	3773272.2	9.4899E-05	0.000312256	8.51031E-05	0.000145804	0.000145804	0.000464223	5.50866E-05	0.000141156	0.000141156	1.86843E-09	7.61881E-08	7.80565E-08	0.078056496

371381.973773292.21	371381.97	3773292.2	8.59539E-05	0.000282823	7.70814E-05	0.000132061	0.000132061	0.000411153	4.98942E-05	0.000127851	0.000127851	1.69231E-09	6.84189E-08	7.01112E-08	0.070111236
371381.973773352.21	371381.97	3773352.2	6.24626E-05	0.000205527	5.60149E-05	9.59683E-05	9.59683E-05	0.000276857	3.6258E-05	9.29093E-05	9.29093E-05	1.2298E-09	4.8336E-08	4.95658E-08	0.049565833
371381.973773372.21	371381.97	3773372.2	5.62604E-05	0.000185119	5.0453E-05	8.64393E-05	8.64393E-05	0.000243883	3.26578E-05	8.3684E-05	8.3684E-05	1.10769E-09	4.31905E-08	4.42982E-08	0.044298176
371401.973773112.21	371401.97	3773112.2	0.000323098	0.001063122	0.000289746	0.000496412	0.000496412	0.001935472	0.000187551	0.000480588	0.000480588	6.36134E-09	2.81795E-07	2.88157E-07	0.288156657
371401.973773132.21	371401.97	3773132.2	0.00026973	0.000887519	0.000241887	0.000414416	0.000414416	0.001545294	0.000156572	0.000401207	0.000401207	5.3106E-09	2.30801E-07	2.36112E-07	0.236111659
371401.973773152.21	371401.97	3773152.2	0.000232147	0.000763856	0.000208184	0.000356673	0.000356673	0.001295426	0.000134756	0.000345304	0.000345304	4.57064E-09	1.96462E-07	2.01032E-07	0.201032229
371401.973773172.21	371401.97	3773172.2	0.000193715	0.000637402	0.000173719	0.000297627	0.000297627	0.001035503	0.000112447	0.00028814	0.00028814	3.81398E-09	1.61068E-07	1.64882E-07	0.164882264
371401.973773192.21	371401.97	3773192.2	0.000171514	0.00056435	0.00015381	0.000263516	0.000263516	0.000902032	9.95598E-05	0.000255117	0.000255117	3.37687E-09	1.41675E-07	1.45052E-07	0.145051738
371401.973773212.21	371401.97	3773212.2	0.000148729	0.000489377	0.000133376	0.000228509	0.000228509	0.000756943	8.63335E-05	0.000221225	0.000221225	2.92826E-09	1.2126E-07	1.24188E-07	0.124187966
371401.973773232.21	371401.97	3773232.2	0.000129406	0.000425798	0.000116048	0.000198821	0.000198821	0.000635899	7.51172E-05	0.000192484	0.000192484	2.54782E-09	1.04073E-07	1.06621E-07	0.106620828
371401.973773252.21	371401.97	3773252.2	0.000116825	0.000384402	0.000104766	0.000179492	0.000179492	0.000563499	6.78143E-05	0.000173771	0.000173771	2.30013E-09	9.32875E-08	9.55876E-08	0.095587607
371401.973773272.21	371401.97	3773272.2	0.00010307	0.000339142	9.24307E-05	0.000158358	0.000158358	0.000481565	5.98297E-05	0.00015331	0.00015331	2.0293E-09	8.13199E-08	8.33492E-08	0.083349216
371401.973773292.21	371401.97	3773292.2	9.28044E-05	0.000305364	8.32248E-05	0.000142586	0.000142586	0.000424058	5.38708E-05	0.000138041	0.000138041	1.82719E-09	7.26182E-08	7.44454E-08	0.074445426
371401.973773312.21	371401.97	3773312.2	8.19889E-05	0.000269776	7.35257E-05	0.000125969	0.000125969	0.000363174	4.75926E-05	0.000121954	0.000121954	1.61425E-09	6.34318E-08	6.5046E-08	0.065046004
371401.973773332.21	371401.97	3773332.2	7.35904E-05	0.000242142	6.59941E-05	0.000113065	0.000113065	0.00031856	4.27175E-05	0.000109461	0.000109461	1.44889E-09	5.64664E-08	5.79153E-08	0.057915258
371401.973773352.21	371401.97	3773352.2	6.65566E-05	0.000218998	5.96863E-05	0.000102258	0.000102258	0.000282564	3.86345E-05	9.89989E-05	9.89989E-05	1.31041E-09	5.07191E-08	5.20295E-08	0.052029522
371401.973773372.21	371401.97	3773372.2	6.04529E-05	0.000198914	5.42127E-05	9.28806E-05	9.28806E-05	0.000252087	3.50915E-05	8.992E-05	8.992E-05	1.19023E-09	4.57798E-08	4.69701E-08	0.046970053
371421.973773112.21	371421.97	3773112.2	0.000383602	0.001262203	0.000344005	0.00058937	0.00058937	0.002205941	0.000222672	0.000570584	0.000570584	7.55257E-09	3.2876E-07	3.36313E-07	0.336312943
371421.973773132.21	371421.97	3773132.2	0.00031638	0.001041016	0.000283722	0.00048609	0.00048609	0.001744376	0.000183651	0.000470596	0.000470596	6.22907E-09	2.66416E-07	2.72645E-07	0.272644576
371421.973773152.21	371421.97	3773152.2	0.000270721	0.00089078	0.000242776	0.000415939	0.000415939	0.00145955	0.000157147	0.000402681	0.000402681	5.33011E-09	2.25879E-07	2.3121E-07	0.231209557
371421.973773172.21	371421.97	3773172.2	0.0002275	0.000748565	0.000204016	0.000349533	0.000349533	0.001185823	0.000132058	0.000338392	0.000338392	4.47914E-09	1.87248E-07	1.91727E-07	0.191727305
371421.973773192.21	371421.97	3773192.2	0.000192728	0.000634151	0.000172833	0.000296109	0.000296109	0.000969004	0.000111874	0.000286671	0.000286671	3.79453E-09	1.56383E-07	1.60178E-07	0.160177822
371421.973773212.21	371421.97	3773212.2	0.000160362	0.000527657	0.000143809	0.000246383	0.000246383	0.000765421	9.30866E-05	0.000238529	0.000238529	3.15731E-09	1.27543E-07	1.307E-07	0.130700355
371421.973773232.21	371421.97	3773232.2	0.000143182	0.000471126	0.000128402	0.000219986	0.000219986	0.000670818	8.31137E-05	0.000212974	0.000212974	2.81905E-09	1.13083E-07	1.15903E-07	0.115902542
371421.973773252.21	371421.97	3773252.2	0.000121235	0.000398912	0.000108721	0.000186267	0.000186267	0.000541747	7.03741E-05	0.00018033	0.00018033	2.38695E-09	9.40936E-08	9.64805E-08	0.096480503
371421.973773272.21	371421.97	3773272.2	0.000107748	0.000354534	9.66258E-05	0.000165545	0.000165545	0.000470166	6.25451E-05	0.000160269	0.000160269	2.1214E-09	8.29119E-08	8.50333E-08	0.085033331
371421.973773292.21	371421.97	3773292.2	9.68238E-05	0.000318589	8.68292E-05	0.000148761	0.000148761	0.000414433	5.62039E-05	0.000144019	0.000144019	1.90632E-09	7.39968E-08	7.59031E-08	0.075903116
371421.973773312.21	371421.97	3773312.2	8.79296E-05	0.000289324	7.88532E-05	0.000135096	0.000135096	0.000370746	5.10411E-05	0.00013079	0.00013079	1.73121E-09	6.6845E-08	6.85762E-08	0.068576229
371421.973773332.21	371421.97	3773332.2	7.8231E-05	0.000257411	7.01557E-05	0.000120195	0.000120195	0.000322022	4.54112E-05	0.000116364	0.000116364	1.54026E-09	5.89778E-08	6.0518E-08	0.06051805
371421.973773352.21	371421.97	3773352.2	7.03451E-05	0.000231464	6.30838E-05	0.000108079	0.000108079	0.000283893	4.08336E-05	0.000104634	0.000104634	1.385E-09	5.26749E-08	5.40599E-08	0.054059914
371421.973773372.21	371421.97	3773372.2	6.36134E-05	0.000209314	5.70469E-05	9.77364E-05	9.77364E-05	0.000252077	3.6926E-05	9.4621E-05	9.4621E-05	1.25246E-09	4.73408E-08	4.85932E-08	0.048593217
371441.973773112.21	371441.97	3773112.2	0.000476335	0.001567333	0.000427166	0.000731847	0.000731847	0.002644993	0.000276501	0.000708519	0.000708519	9.37836E-09	4.0229E-07	4.11668E-07	0.411668061
371441.973773132.21	371441.97	3773132.2	0.000389661	0.001282142	0.000349439	0.00059868	0.00059868	0.002087904	0.000226189	0.000579597	0.000579597	7.67188E-09	3.24305E-07	3.31977E-07	0.331976846
371441.973773152.21	371441.97	3773152.2	0.000318403	0.001047673	0.000285536	0.000489198	0.000489198	0.001650508	0.000184825	0.000473605	0.000473605	6.2689E-09	2.61491E-07	2.6776E-07	0.267759977
371441.973773172.21	371441.97	3773172.2	0.000247861	0.000815562	0.000222276	0.000380817	0.000380817	0.001202517	0.000143877	0.000368678	0.000368678	4.88003E-09	1.98362E-07	2.03242E-07	0.203242485
371441.973773192.21	371441.97	3773192.2	0.000193199	0.000635704	0.000173257	0.000296834	0.000296834	0.000867649	0.000112148	0.000287372	0.000287372	3.80382E-09	1.5022E-07	1.54024E-07	0.154023646
371441.973773212.21	371441.97	3773212.2	0.000161181	0.000530349	0.000144543	0.00024764	0.00024764	0.000694521	9.35615E-05	0.000239746	0.000239746	3.17342E-09	1.23473E-07	1.26646E-07	0.126646149
371441.973773232.21	371441.97	3773232.2	0.000140653	0.000462804	0.000126134	0.000216101	0.000216101	0.000591923	8.16456E-05	0.000209213	0.000209213	2.76926E-09	1.06855E-07	1.09624E-07	0.109623952
371441.973773252.21	371441.97	3773252.2	0.000119965	0.000394735	0.000107582	0.000184316	0.000184316	0.000491238	6.96371E-05	0.000178441	0.000178441	2.36195E-09	9.02786E-08	9.26405E-08	0.092640521
371441.973773272.21	371441.97	3773272.2	0.000105972	0.000348692	9.50336E-05	0.000162817	0.000162817	0.000426174	6.15145E-05	0.000157628	0.000157628	2.08645E-09	7.92583E-08	8.13447E-08	0.081344731
371441.973773292.21	371441.97	3773292.2	9.60192E-05	0.000315942	8.61077E-05	0.000147525	0.000147525	0.000379658	5.57369E-05	0.000142823	0.000142823	1.89048E-09	7.14046E-08	7.32951E-08	0.07329508
371441.973773312.21	371441.97	3773312.2	8.75936E-05	0.000288218	7.85518E-05	0.00013458	0.00013458	0.000341266	5.0846E-05	0.00013029	0.00013029	1.72459E-09	6.48185E-08	6.6543E-08	0.066543046
371441.973773332.21	371441.97	3773332.2	7.91238E-05	0.000260349	7.09563E-05	0.000121567	0.000121567	0.000303357	4.59295E-05	0.000117692	0.000117692	1.55784E-09	5.82409E-08	5.97988E-08	0.059798776
371441.973773352.21	371441.97	3773352.2	7.13092E-05	0.000234636	6.39483E-05	0.00010956	0.00010956	0.000268748	4.13933E-05	0.000106068	0.000106068	1.40398E-09	5.21955E-08	5.35995E-08	0.053599474
371441.973773372.21	371441.97	3773372.2	6.31109E-05	0.00020766	5.65964E-05	9.69645E-05	9.69645E-05	0.00023324	3.66344E-05	9.38737E-05	9.38737E-05	1.24257E-09	4.59037E-08	4.71463E-08	0.047146259
371461.973773112.21	371461.97	3773112.2	0.000605384	0.001991958	0.000542894	0.00093012	0.00093012	0.003220914	0.000351411	0.000900473	0.000900473	1.19192E-08	5.02401E-07	5.1432E-07	0.514320471
371461.973773132.21	371461.97	3773132.2	0.000489785	0.001611588	0.000439227	0.000752511	0.000752511	0.002531688	0.000284308	0.000728525	0.000728525	9.64317E-09	4.01785E-07	4.11428E-07	0.411427705
371461.973773152.21	371461.97	3773152.2	0.000387298	0.001274367	0.00034732	0.00059505	0.00059505	0.001933506	0.000224818	0.000576083	0.000576083	7.62536E-09	3.13393E-07	3.21019E-07	0.32101864
371461.973773172.21	371461.97	3773172.2	0.00029227	0.000961687	0.000262101	0.000449048	0.000449048	0.00135975	0.000169656	0.000434735	0.000434735	5.75439E-09	2.30229E-07	2.35983E-07	0.235983133
371461.973773192.21	371461.97	3773192.2	0.000229978	0.000756719	0.000206238	0.000353341	0.000353341	0.001001254	0.000133497	0.000342078	0.000342078	4.52794E-09	1.76824E-07	1.81352E-07	0.181352176
371461.973773252.21	371461.97	3773252.2	0.000127356	0.000419052	0.00011421	0.000195671	0.000195671	0.000494534	7.3927E-05	0.000189434	0.000189434	2.50745E-09	9.41382E-08	9.66456E-08	0.096645621
371461.973773272.21	371461.97	3773272.2	0.000112888	0.000371445	0.000101235	0.000173442	0.000173442	0.00042962	6.55285E-05	0.000167913	0.000167913	2.2226E-09	8.28925E-08	8.51151E-08	0.085115115
371461.973773292.21	371461.97	3773292.2	0.000100229	0.000329793	8.98826E-05	0.000153993	0.000153993	0.000374289	5.81803E-05	0.000149084	0.000149084	1.97336E-09	7.31456E-08	7.5119E-08	0.075118986
371461.973773312.21	371461.97	3773312.2	9.01939E-05	0.000296774	8.08837E-05	0.000138575	0.000138575	0.000330222	5.23554E-05	0.000134158	0.000134158	1.77579E-09	6.54062E-08	6.7182E-08	0.067182038
371461.973773332.21	371461.97	3773332.2	8.09671E-05	0.000266414	7.26094E-05	0.000124399	0.000124399	0.000291219	4.69995E-05	0.000120434	0.000120434	1.59413E-09	5.83857E-08	5.99798E-08	0.059979819
371461.973773352.21	371461.97	3773352.2	7.3363E-05	0.000241394	6.57901E-05	0.000112716	0.000112716	0.00025937	4.25855E-05	0.000109123	0.000109123	1.44441E-09	5.26184E-08	5.40628E-08	0.054062836
371461.973773372.21	371461.97	3773372.2	6.63733E-05	0.000218395	5.95219E-05	0.000101977	0.000101977	0.000230957	3.85281E-05	9.87262E-05	9.87262E-05	1.3068E-09	4.73716E-08	4.86783E-08	0.048678346
371481.973773172.21	371481.97	3773172.2	0.00036287	0.001193989	0.000325413	0.000557518	0.000557518	0.001632276	0.000210637	0.000539747	0.000539747	7.1444E-09	2.82312E-07	2.89457E-07	0.289456512
371481.973773192.21	371481.97	3773192.2	0.000301976	0.000993622	0.000270805	0.00046396	0.00046396	0.001313711	0.00017529	0.000449171	0.000449171	5.94548E-09	2.32119E-07	2.38064E-07	0.238064184
371481.973773252.21	371481.97	3773252.2	0.000140208	0.000461341	0.000125735	0.000215417	0.000215417	0.000509271	8.13875E-05	0.000208551	0.000208551	2.7605E-09	1.01419E-07	1.04179E-07	0.104179207

371481.973773272.21	371481.97	3773272.2	0.000122939	0.000404519	0.000110249	0.000188885	0.000188885	0.000437278	7.13633E-05	0.000182865	0.000182865	2.4205E-09	8.83425E-08	9.0763E-08	0.090762966
371481.973773292.21	371481.97	3773292.2	0.00010991	0.000361649	9.8565E-05	0.000168868	0.000168868	0.000382852	6.38003E-05	0.000163485	0.000163485	2.16398E-09	7.84699E-08	8.06339E-08	0.080633878
371481.973773312.21	371481.97	3773312.2	9.91899E-05	0.000326375	8.89511E-05	0.000152397	0.000152397	0.000339686	5.75774E-05	0.000147539	0.000147539	1.95291E-09	7.04485E-08	7.24014E-08	0.072401424
371481.973773332.21	371481.97	3773332.2	8.99427E-05	0.000295948	8.06585E-05	0.000138189	0.000138189	0.000303952	5.22096E-05	0.000133784	0.000133784	1.77084E-09	6.36242E-08	6.5395E-08	0.065395049
371481.973773352.21	371481.97	3773352.2	8.21722E-05	0.00027038	7.36901E-05	0.00012625	0.00012625	0.00027504	4.7699E-05	0.000122226	0.000122226	1.61786E-09	5.79601E-08	5.95779E-08	0.059577942
371481.973773372.21	371481.97	3773372.2	7.47785E-05	0.000246051	6.70596E-05	0.000114891	0.000114891	0.000247704	4.34072E-05	0.000111229	0.000111229	1.47228E-09	5.25816E-08	5.40539E-08	0.054053874
371501.973773172.21	371501.97	3773172.2	0.000411621	0.0013544	0.000369132	0.00063242	0.00063242	0.001697168	0.000238936	0.000612262	0.000612262	8.10425E-09	3.10496E-07	3.186E-07	0.318600233
371501.973773192.21	371501.97	3773192.2	0.000320779	0.001055492	0.000287667	0.000492849	0.000492849	0.001251032	0.000186205	0.00047714	0.00047714	6.31569E-09	2.37454E-07	2.4377E-07	0.243769512
371501.973773232.21	371501.97	3773232.2	0.000186013	0.000612057	0.000166812	0.000285792	0.000285792	0.000638798	0.000107976	0.000276683	0.000276683	3.66233E-09	1.32226E-07	1.35888E-07	0.135888157
371501.973773252.21	371501.97	3773252.2	0.000160573	0.000528349	0.000143998	0.000246706	0.000246706	0.000539748	9.32088E-05	0.000238843	0.000238843	3.16145E-09	1.13405E-07	1.16566E-07	0.116566015
371501.973773272.21	371501.97	3773272.2	0.000147351	0.000484842	0.00013214	0.000226391	0.000226391	0.000493119	8.55335E-05	0.000219175	0.000219175	2.90112E-09	1.03928E-07	1.0683E-07	0.106829608
371501.973773292.21	371501.97	3773292.2	0.000136841	0.00045026	0.000122715	0.000210244	0.000210244	0.000461045	7.94327E-05	0.000203542	0.000203542	2.6942E-09	9.67112E-08	9.94054E-08	0.099405394
371501.973773312.21	371501.97	3773312.2	0.000125258	0.000412148	0.000112328	0.000192448	0.000192448	0.000422262	7.27092E-05	0.000186313	0.000186313	2.46615E-09	8.85404E-08	9.10066E-08	0.091006574
371501.973773332.21	371501.97	3773332.2	0.000110498	0.000363582	9.90916E-05	0.00016977	0.00016977	0.000366293	6.41412E-05	0.000164359	0.000164359	2.17554E-09	7.7715E-08	7.98905E-08	0.079890545
371501.973773352.21	371501.97	3773352.2	9.7411E-05	0.000320521	8.73559E-05	0.000149664	0.000149664	0.00031691	5.65448E-05	0.000144893	0.000144893	1.91789E-09	6.81322E-08	7.00501E-08	0.070050064
371501.973773372.21	371501.97	3773372.2	8.8096E-05	0.000289871	7.90024E-05	0.000135352	0.000135352	0.00028407	5.11376E-05	0.000131037	0.000131037	1.73449E-09	6.1457E-08	6.31914E-08	0.063191441
371521.973773172.21	371521.97	3773172.2	0.000400599	0.001318131	0.000359247	0.000615485	0.000615485	0.001397086	0.000232538	0.000595867	0.000595867	7.88723E-09	2.86111E-07	2.93998E-07	0.293998286
371521.973773192.21	371521.97	3773192.2	0.00031715	0.001043552	0.000284413	0.000487274	0.000487274	0.001062207	0.000184098	0.000471742	0.000471742	6.24424E-09	2.23744E-07	2.29988E-07	0.229988045
371521.973773212.21	371521.97	3773212.2	0.000254732	0.00083817	0.000228437	0.000391373	0.000391373	0.000823528	0.000147866	0.000378898	0.000378898	5.01531E-09	1.77839E-07	1.82854E-07	0.182854314
371521.973773232.21	371521.97	3773232.2	0.00021683	0.000713458	0.000194448	0.00033314	0.00033314	0.000687051	0.000125865	0.000322521	0.000322521	4.26908E-09	1.50498E-07	1.54767E-07	0.154767175
371521.973773252.21	371521.97	3773252.2	0.000200569	0.000659954	0.000179866	0.000308157	0.000308157	0.000641467	0.000116426	0.000298335	0.000298335	3.94893E-09	1.39587E-07	1.43536E-07	0.14353567
371521.973773272.21	371521.97	3773272.2	0.000181919	0.000598586	0.00016314	0.000279502	0.000279502	0.00058389	0.0001056	0.000270593	0.000270593	3.58172E-09	1.26738E-07	1.30319E-07	0.130319336
371521.973773292.21	371521.97	3773292.2	0.000161177	0.000530338	0.00014454	0.000247635	0.000247635	0.000513076	9.35595E-05	0.000239741	0.000239741	3.17335E-09	1.1202E-07	1.15193E-07	0.115193196
371521.973773312.21	371521.97	3773312.2	0.00014365	0.000472667	0.000128822	0.000220706	0.000220706	0.000453843	8.33856E-05	0.000213671	0.000213671	2.82827E-09	9.96214E-08	1.0245E-07	0.10244968
371521.973773332.21	371521.97	3773332.2	0.000123207	0.000405402	0.000110489	0.000189297	0.000189297	0.000380044	7.1519E-05	0.000183264	0.000183264	2.42578E-09	8.48629E-08	8.72886E-08	0.087288644
371521.973773352.21	371521.97	3773352.2	0.000108797	0.000357985	9.75664E-05	0.000167157	0.000167157	0.000330988	6.3154E-05	0.000161829	0.000161829	2.14206E-09	7.46465E-08	7.67886E-08	0.07678856
371521.973773372.21	371521.97	3773372.2	9.70105E-05	0.000319203	8.69967E-05	0.000149048	0.000149048	0.000291862	5.63123E-05	0.000144297	0.000144297	1.91E-09	6.63534E-08	6.82634E-08	0.068263443
371541.973773172.21	371541.97	3773172.2	0.000478545	0.001574604	0.000429147	0.000735242	0.000735242	0.001494121	0.000277784	0.000711806	0.000711806	9.42187E-09	3.30749E-07	3.40171E-07	0.340170635
371541.973773192.21	371541.97	3773192.2	0.000372521	0.001225745	0.000334068	0.000572346	0.000572346	0.001117775	0.00021624	0.000554103	0.000554103	7.33442E-09	2.5461E-07	2.61944E-07	0.261944445
371541.973773212.21	371541.97	3773212.2	0.000323682	0.001065043	0.00029027	0.000497309	0.000497309	0.000967283	0.00018789	0.000481457	0.000481457	6.37284E-09	2.2098E-07	2.27353E-07	0.227353101
371541.973773232.21	371541.97	3773232.2	0.000283458	0.00093269	0.000254198	0.000435508	0.000435508	0.000845773	0.000164541	0.000421626	0.000421626	5.58088E-09	1.93437E-07	1.99018E-07	0.199017565
371541.973773252.21	371541.97	3773252.2	0.000250444	0.000824062	0.000224592	0.000384786	0.000384786	0.000746766	0.000145377	0.000372521	0.000372521	4.9309E-09	1.70876E-07	1.75807E-07	0.175806843
371541.973773272.21	371541.97	3773272.2	0.00021609	0.000711023	0.000193784	0.000332003	0.000332003	0.000636992	0.000125435	0.000321421	0.000321421	4.25451E-09	1.46973E-07	1.51228E-07	0.151227696
371541.973773292.21	371541.97	3773292.2	0.000183752	0.000604618	0.000164784	0.000282319	0.000282319	0.000532025	0.000106664	0.00027332	0.00027332	3.61782E-09	1.2437E-07	1.27988E-07	0.127987975
371541.973773312.21	371541.97	3773312.2	0.000162063	0.000533253	0.000145334	0.000248996	0.000248996	0.000466426	9.40738E-05	0.000241059	0.000241059	3.1908E-09	1.09513E-07	1.12704E-07	0.112704286
371541.973773332.21	371541.97	3773332.2	0.000140004	0.000460671	0.000125553	0.000215105	0.000215105	0.000397032	8.12692E-05	0.000208248	0.000208248	2.75649E-09	9.42345E-08	9.6991E-08	0.096991027
371541.973773352.21	371541.97	3773352.2	0.000122586	0.000403358	0.000109932	0.000188343	0.000188343	0.000343764	7.11584E-05	0.00018234	0.00018234	2.41355E-09	8.22662E-08	8.46798E-08	0.084679756
371541.973773372.21	371541.97	3773372.2	0.000110335	0.000363045	9.89455E-05	0.00016952	0.00016952	0.000308775	6.40467E-05	0.000164116	0.000164116	2.17233E-09	7.40045E-08	7.61768E-08	0.076176786
371561.973773172.21	371561.97	3773172.2	0.00060033	0.001975326	0.000538361	0.000922354	0.000922354	0.001615315	0.000348477	0.000892954	0.000892954	1.18196E-08	3.98572E-07	4.10392E-07	0.410392108
371561.973773192.21	371561.97	3773192.2	0.000485029	0.001595939	0.000434962	0.000745204	0.000745204	0.001285222	0.000281548	0.000721451	0.000721451	9.54953E-09	3.20769E-07	3.30318E-07	0.330318163
371561.973773212.21	371561.97	3773212.2	0.000406075	0.001336148	0.000364158	0.000623898	0.000623898	0.001070235	0.000235717	0.000604011	0.000604011	7.99503E-09	2.68189E-07	2.76184E-07	0.276183726
371561.973773232.21	371561.97	3773232.2	0.000349291	0.001149309	0.000313236	0.000536656	0.000536656	0.000922209	0.000202755	0.00051955	0.00051955	6.87705E-09	2.3079E-07	2.37667E-07	0.237666557
371561.973773252.21	371561.97	3773252.2	0.000303425	0.000998392	0.000272105	0.000466187	0.000466187	0.000803293	0.000176131	0.000451327	0.000451327	5.97402E-09	2.00622E-07	2.06596E-07	0.206595874
371581.973773152.21	371581.97	3773152.2	0.001351649	0.004447469	0.001212127	0.002076691	0.002076691	0.003108043	0.0007846	0.002010496	0.002010496	2.66121E-08	8.64014E-07	8.90626E-07	0.890625649
371581.973773172.21	371581.97	3773172.2	0.000866862	0.002852323	0.000777381	0.001331857	0.001331857	0.001938666	0.000503193	0.001289404	0.001289404	1.70673E-08	5.50675E-07	5.67742E-07	0.56774247
371581.973773192.21	371581.97	3773192.2	0.000683568	0.002249213	0.000613007	0.001050242	0.001050242	0.001538344	0.000396795	0.001016766	0.001016766	1.34585E-08	4.34843E-07	4.48302E-07	0.448301879
371581.973773212.21	371581.97	3773212.2	0.000556864	0.001832306	0.000499382	0.000855573	0.000855573	0.001265898	0.000323246	0.000828301	0.000828301	1.09639E-08	3.55043E-07	3.66007E-07	0.366007357
371581.973773232.21	371581.97	3773232.2	0.000457077	0.001503966	0.000409895	0.000702258	0.000702258	0.001047502	0.000265322	0.000679874	0.000679874	8.99919E-09	2.91955E-07	3.00954E-07	0.300953726
371581.973773252.21	371581.97	3773252.2	0.00038812	0.001277071	0.000348057	0.000596312	0.000596312	0.00090103	0.000225294	0.000577305	0.000577305	7.64153E-09	2.48638E-07	2.5628E-07	0.256279977
371581.973773352.21	371581.97	3773352.2	0.000170652	0.000561513	0.000153036	0.000262192	0.000262192	0.00040223	9.90593E-05	0.000253834	0.000253834	3.35989E-09	1.09706E-07	1.13066E-07	0.113065634
371581.973773372.21	371581.97	3773372.2	0.000150287	0.000494504	0.000134774	0.000230903	0.000230903	0.000356202	8.7238E-05	0.000223543	0.000223543	2.95894E-09	9.67384E-08	9.96973E-08	0.099697333
371601.973773132.21	371601.97	3773132.2	0.00388289	0.012776268	0.003482083	0.005965722	0.005965722	0.006216493	0.002253925	0.005775565	0.005775565	7.64486E-08	2.3109E-06	2.38735E-06	2.387347891
371601.973773152.21	371601.97	3773152.2	0.002427288	0.007986754	0.002176734	0.003729317	0.003729317	0.0041539	0.001408983	0.003610445	0.003610445	4.77899E-08	1.4615E-06	1.50929E-06	1.509291249
371601.973773172.21	371601.97	3773172.2	0.001606391	0.005285672	0.001440573	0.00246808	0.00246808	0.002891261	0.000932472	0.00238941	0.00238941	3.16276E-08	9.76202E-07	1.00783E-06	1.007829972
371601.973773192.21	371601.97	3773192.2	0.001147885	0.003777004	0.001029396	0.001763626	0.001763626	0.002148343	0.00066632	0.00170741	0.00170741	2.26002E-08	7.02764E-07	7.25365E-07	0.725364605
371601.973773212.21	371601.97	3773212.2	0.000836167	0.002751324	0.000749854	0.001284697	0.001284697	0.001608439	0.000485375	0.001243747	0.001243747	1.64629E-08	5.14668E-07	5.3113E-07	0.531130499
371601.973773232.21	371601.97	3773232.2	0.000651053	0.002142227	0.000583849	0.001000287	0.001000287	0.001285554	0.000377921	0.000968403	0.000968403	1.28183E-08	4.02824E-07	4.15642E-07	0.415642197
371601.973773292.21	371601.97	3773292.2	0.000340132	0.001119172	0.000305023	0.000522584	0.000522584	0.00070675	0.000197439	0.000505926	0.000505926	6.69673E-09	2.12666E-07	2.19363E-07	0.219362888
371601.973773312.21	371601.97	3773312.2	0.000284568	0.000936343	0.000255194	0.000437214	0.000437214	0.000599147	0.000165185	0.000423278	0.000423278	5.60274E-09	1.7842E-07	1.84023E-07	0.184023023
371601.973773332.21	371601.97	3773332.2	0.00023859	0.000785057	0.000213962	0.000366573	0.000366573	0.000506597	0.000138496	0.000354888	0.000354888	4.6975E-09	1.49861E-07	1.54559E-07	0.154558788

371601.973773352.21	371601.97	3773352.2	0.000204239	0.000672028	0.000183157	0.000313795	0.000313795	0.00043798	0.000118556	0.000303793	0.000303793	4.02118E-09	1.28558E-07	1.32579E-07	0.13257886
371601.973773372.21	371601.97	3773372.2	0.000175347	0.000576961	0.000157247	0.000269405	0.000269405	0.000378319	0.000101785	0.000260818	0.000260818	3.45233E-09	1.10516E-07	1.13969E-07	0.113968742
371621.973773132.21	371621.97	3773132.2	0.007152673	0.023535167	0.006414346	0.010989457	0.010989457	0.007674629	0.004151957	0.010639169	0.010639169	1.40826E-07	4.01855E-06	4.15938E-06	4.159377407
371621.973773152.21	371621.97	3773152.2	0.004085961	0.013444454	0.003664192	0.006277723	0.006277723	0.005026854	0.002371803	0.006077621	0.006077621	8.04468E-08	2.33616E-06	2.41661E-06	2.416605769
371621.973773172.21	371621.97	3773172.2	0.002506215	0.008246455	0.002247514	0.003850581	0.003850581	0.003426721	0.001454798	0.003727844	0.003727844	4.93438E-08	1.45461E-06	1.50395E-06	1.503950538
371621.973773192.21	371621.97	3773192.2	0.001697301	0.005584803	0.001522099	0.002607755	0.002607755	0.002516758	0.000985243	0.002524633	0.002524633	3.34175E-08	9.97487E-07	1.0309E-06	1.030904034
371621.973773212.21	371621.97	3773212.2	0.001230845	0.004049975	0.001103792	0.001891086	0.001891086	0.001947584	0.000714476	0.001830808	0.001830808	2.42336E-08	7.31085E-07	7.55319E-07	0.755318974
371621.973773232.21	371621.97	3773232.2	0.000884171	0.002909278	0.000792903	0.001358452	0.001358452	0.001465627	0.00051324	0.001315151	0.001315151	1.74081E-08	5.29374E-07	5.46782E-07	0.546782046
371621.973773272.21	371621.97	3773272.2	0.000534608	0.001759076	0.000479424	0.000821379	0.000821379	0.000954684	0.000310327	0.000795197	0.000795197	1.05257E-08	3.24406E-07	3.34931E-07	0.334931419
371621.973773292.21	371621.97	3773292.2	0.000441637	0.001453165	0.00039605	0.000678537	0.000678537	0.000815999	0.00025636	0.000656909	0.000656909	8.69522E-09	2.69715E-07	2.78411E-07	0.278410698
371621.973773312.21	371621.97	3773312.2	0.000353399	0.001162824	0.00031692	0.000542967	0.000542967	0.000664575	0.00020514	0.00052566	0.00052566	6.95793E-09	2.1656E-07	2.23517E-07	0.223517445
371621.973773332.21	371621.97	3773332.2	0.000295913	0.000973673	0.000265368	0.000454644	0.000454644	0.000568858	0.00017177	0.000440153	0.000440153	5.82611E-09	1.82114E-07	1.87941E-07	0.187940525
371621.973773352.21	371621.97	3773352.2	0.000242175	0.000796852	0.000217177	0.00037208	0.00037208	0.000469245	0.000140577	0.00036022	0.00036022	4.76808E-09	1.49275E-07	1.54043E-07	0.154043309
371621.973773372.21	371621.97	3773372.2	0.000202623	0.000666711	0.000181708	0.000311313	0.000311313	0.00039565	0.000117618	0.00030139	0.00030139	3.98936E-09	1.25088E-07	1.29077E-07	0.129077083
371641.973773132.21	371641.97	3773132.2	0.01121557	0.036903733	0.010057855	0.017231745	0.017231745	0.008528634	0.006510372	0.016682484	0.016682484	2.20819E-07	6.07996E-06	6.30078E-06	6.300779688
371641.973773152.21	371641.97	3773152.2	0.006274096	0.020644297	0.005626459	0.009639601	0.009639601	0.005643	0.003641964	0.009332339	0.009332339	1.23528E-07	3.45622E-06	3.57975E-06	3.579748762
371641.973773172.21	371641.97	3773172.2	0.003782794	0.012446911	0.003392319	0.005811933	0.005811933	0.003916336	0.002195822	0.005626678	0.005626678	7.44779E-08	2.11628E-06	2.19075E-06	2.190753052
371641.973773192.21	371641.97	3773192.2	0.002464725	0.008109936	0.002210306	0.003786835	0.003786835	0.002865109	0.001430714	0.00366613	0.00366613	4.8527E-08	1.39866E-06	1.44719E-06	1.44718903
371641.973773212.21	371641.97	3773212.2	0.001684527	0.005542771	0.001510643	0.002588129	0.002588129	0.002150813	0.000977828	0.002505632	0.002505632	3.3166E-08	9.68079E-07	1.00125E-06	1.00124545
371641.973773232.21	371641.97	3773232.2	0.001236104	0.004067277	0.001108508	0.001899165	0.001899165	0.001706949	0.000717529	0.001838629	0.001838629	2.43371E-08	7.18497E-07	7.42834E-07	0.742833953
371641.973773252.21	371641.97	3773252.2	0.000909322	0.002992036	0.000815459	0.001397095	0.001397095	0.001334241	0.00052784	0.001352562	0.001352562	1.79033E-08	5.3351E-07	5.51413E-07	0.551412781
371641.973773272.21	371641.97	3773272.2	0.000707392	0.002327604	0.000634372	0.001086846	0.001086846	0.001095637	0.000410624	0.001052203	0.001052203	1.39275E-08	4.18675E-07	4.32603E-07	0.432602838
371641.973773292.21	371641.97	3773292.2	0.000553836	0.001822342	0.000496667	0.00085092	0.00085092	0.000894594	0.000321489	0.000823797	0.000823797	1.09042E-08	3.30114E-07	3.41018E-07	0.341018127
371641.973773312.21	371641.97	3773312.2	0.000406516	0.0013376	0.000364554	0.000624576	0.000624576	0.000663846	0.000235973	0.000604668	0.000604668	8.00372E-09	2.42759E-07	2.50763E-07	0.250762778
371641.973773332.21	371641.97	3773332.2	0.000314703	0.001035498	0.000282218	0.000483513	0.000483513	0.000523574	0.000182677	0.000468101	0.000468101	6.19605E-09	1.88541E-07	1.94737E-07	0.194736714
371641.973773352.21	371641.97	3773352.2	0.00026808	0.00088209	0.000240408	0.000411881	0.000411881	0.000459861	0.000155614	0.000398753	0.000398753	5.27811E-09	1.61483E-07	1.66761E-07	0.166761007
371641.973773372.21	371641.97	3773372.2	0.000228124	0.00075062	0.000204576	0.000350493	0.000350493	0.000401657	0.000132421	0.000339321	0.000339321	4.49144E-09	1.38067E-07	1.42559E-07	0.14255857
371661.973773132.21	371661.97	3773132.2	0.014062706	0.046271951	0.012611097	0.02160612	0.02160612	0.008280919	0.008163066	0.020917426	0.020917426	2.76875E-07	7.47112E-06	7.748E-06	7.747995939
371661.973773152.21	371661.97	3773152.2	0.008602167	0.028304587	0.007714218	0.013216479	0.013216479	0.005967032	0.004993354	0.012795205	0.012795205	1.69365E-07	4.62699E-06	4.79636E-06	4.796355083
371661.973773172.21	371661.97	3773172.2	0.005285555	0.017391599	0.004739959	0.008120794	0.008120794	0.004258111	0.003068139	0.007861944	0.007861944	1.04065E-07	2.88037E-06	2.98444E-06	2.984437132
371661.973773192.21	371661.97	3773192.2	0.003377921	0.011114717	0.003029239	0.005189881	0.005189881	0.003105326	0.001960803	0.005024454	0.005024454	6.65065E-08	1.86504E-06	1.93155E-06	1.931546799
371661.973773212.21	371661.97	3773212.2	0.002246514	0.007391932	0.00201462	0.003451572	0.003451572	0.00231154	0.001304048	0.003341553	0.003341553	4.42307E-08	1.25591E-06	1.30014E-06	1.300136175
371661.973773252.21	371661.97	3773252.2	0.001201498	0.003953411	0.001077475	0.001845997	0.001845997	0.001484545	0.000697441	0.001787156	0.001787156	2.36558E-08	6.87362E-07	7.11018E-07	0.711017518
371661.973773272.21	371661.97	3773272.2	0.00089739	0.002952774	0.000804758	0.001378762	0.001378762	0.001186215	0.000520914	0.001334814	0.001334814	1.76683E-08	5.18271E-07	5.3594E-07	0.535939841
371661.973773292.21	371661.97	3773292.2	0.000664761	0.002187331	0.000596142	0.001021348	0.001021348	0.000921357	0.000385878	0.000988792	0.000988792	1.30882E-08	3.86612E-07	3.997E-07	0.399700291
371661.973773312.21	371661.97	3773312.2	0.00047608	0.001566495	0.000426937	0.000731456	0.000731456	0.000674789	0.000276353	0.00070814	0.00070814	9.37335E-09	2.77822E-07	2.87195E-07	0.287195335
371661.973773332.21	371661.97	3773332.2	0.000373401	0.001228638	0.000334857	0.000573697	0.000573697	0.000551387	0.00021675	0.000555411	0.000555411	7.35173E-09	2.19299E-07	2.26651E-07	0.226650816
371661.973773352.21	371661.97	3773352.2	0.000309519	0.001018442	0.000277569	0.000475549	0.000475549	0.000476512	0.000179668	0.000460391	0.000460391	6.09399E-09	1.83009E-07	1.89103E-07	0.189103152
371661.973773372.21	371661.97	3773372.2	0.000254314	0.000836796	0.000228063	0.000390732	0.000390732	0.000409122	0.000147623	0.000378277	0.000378277	5.00709E-09	1.51479E-07	1.56486E-07	0.15648612
371681.973773132.21	371681.97	3773132.2	0.014864032	0.048908638	0.013329708	0.022837289	0.022837289	0.00743678	0.008628217	0.022109351	0.022109351	2.92652E-07	7.81379E-06	8.10644E-06	8.1064407
371681.973773152.21	371681.97	3773152.2	0.010255001	0.033743075	0.00919644	0.015755915	0.015755915	0.005886132	0.005952785	0.015253696	0.015253696	2.01907E-07	5.43856E-06	5.64047E-06	5.640470762
371681.973773172.21	371681.97	3773172.2	0.006618509	0.021777554	0.00593532	0.010168762	0.010168762	0.004364123	0.003841887	0.009844633	0.009844633	1.30309E-07	3.54569E-06	3.676E-06	3.675995785
371681.973773192.21	371681.97	3773192.2	0.004393555	0.014456563	0.003940035	0.006750315	0.006750315	0.003302082	0.002550354	0.006535149	0.006535149	8.65029E-08	2.37929E-06	2.46579E-06	2.465794318
371681.973773212.21	371681.97	3773212.2	0.002966544	0.009761121	0.002660326	0.004557836	0.004557836	0.002511929	0.001722008	0.004412555	0.004412555	5.84071E-08	1.62433E-06	1.68273E-06	1.682732488
371681.973773232.21	371681.97	3773232.2	0.002085829	0.006863214	0.001870521	0.003204694	0.003204694	0.001966935	0.001210774	0.003102544	0.003102544	4.1067E-08	1.15476E-06	1.19583E-06	1.195828283
371681.973773252.21	371681.97	3773252.2	0.001501369	0.004940108	0.001346392	0.002306723	0.002306723	0.001553987	0.000871509	0.002233196	0.002233196	2.95598E-08	8.39913E-07	8.69473E-07	0.869473039
371681.973773272.21	371681.97	3773272.2	0.001120297	0.003686226	0.001004655	0.001721238	0.001721238	0.001258974	0.000650306	0.001666374	0.001666374	2.20571E-08	6.33003E-07	6.5506E-07	0.655060457
371681.973773292.21	371681.97	3773292.2	0.000743546	0.002446563	0.000666794	0.001142393	0.001142393	0.000863024	0.00043161	0.001105979	0.001105979	1.46394E-08	4.21859E-07	4.36498E-07	0.436497989
371681.973773312.21	371681.97	3773312.2	0.000594545	0.001956292	0.000533174	0.000913467	0.000913467	0.000737248	0.000345119	0.00088435	0.00088435	1.17058E-08	3.40298E-07	3.52004E-07	0.352004178
371681.973773332.21	371681.97	3773332.2	0.000442109	0.001454717	0.000396473	0.000679262	0.000679262	0.000573713	0.000256634	0.000657611	0.000657611	8.70451E-09	2.54658E-07	2.63362E-07	0.263362201
371681.973773352.21	371681.97	3773352.2	0.000371116	0.00122112	0.000332808	0.000570187	0.000570187	0.000507117	0.000215424	0.000552012	0.000552012	7.30675E-09	2.15376E-07	2.22683E-07	0.222683
371681.973773372.21	371681.97	3773372.2	0.000304247	0.001001095	0.000272841	0.000467449	0.000467449	0.00043686	0.000176608	0.000452549	0.000452549	5.99019E-09	1.77902E-07	1.83892E-07	0.18389199
371701.973773132.21	371701.97	3773132.2	0.01310525	0.043121536	0.011752474	0.020135072	0.020135072	0.006197313	0.007607286	0.019493268	0.019493268	2.58024E-07	6.86654E-06	7.12456E-06	7.124558987
371701.973773152.21	371701.97	3773152.2	0.010260742	0.033761963	0.009201587	0.015764734	0.015764734	0.005213915	0.005956117	0.015262234	0.015262234	2.0202E-07	5.39898E-06	5.601E-06	5.600995785
371701.973773172.21	371701.97	3773172.2	0.007340352	0.024152708	0.006582652	0.011277811	0.011277811	0.004184945	0.0042609	0.010918331	0.010918331	1.44521E-07	3.89105E-06	4.03557E-06	4.035568559
371701.973773192.21	371701.97	3773192.2	0.005112075	0.016820781	0.004584387	0.007854257	0.007854257	0.003274199	0.002967438	0.007603903	0.007603903	1.0065E-07	2.73256E-06	2.83321E-06	2.833207954
371701.973773232.21	371701.97	3773232.2	0.002487191	0.008183859	0.002230454	0.003821352	0.003821352	0.001975997	0.001443755	0.003699547	0.003699547	4.89693E-08	1.35365E-06	1.40262E-06	1.402619187
371701.973773252.21	371701.97	3773252.2	0.001777297	0.005848023	0.001593838	0.002730662	0.002730662	0.001550021	0.001031679	0.002643623	0.002643623	3.49925E-08	9.76001E-07	1.01099E-06	1.010993954
371701.973773272.21	371701.97	3773272.2	0.001338671	0.004404766	0.001200488	0.002056751	0.002056751	0.001279343	0.000777067	0.001991193	0.001991193	2.63565E-08	7.4219E-07	7.68546E-07	0.768546211
371701.973773292.21	371701.97	3773292.2	0.000938626	0.003088455	0.000841737	0.001442116	0.001442116	0.000947503	0.00054485	0.001396149	0.001396149	1.84802E-08	5.23581E-07	5.42061E-07	0.542061156

371701.973773312.21	371701.97	3773312.2	0.000730639	0.002404095	0.000655219	0.001122563	0.001122563	0.000791101	0.000424118	0.001086781	0.001086781	1.43852E-08	4.10942E-07	4.25327E-07	0.425327427
371701.973773332.21	371701.97	3773332.2	0.000558785	0.001838628	0.000501105	0.000858525	0.000858525	0.00063793	0.000324362	0.000831159	0.000831159	1.10017E-08	3.16361E-07	3.27363E-07	0.327362791
371701.973773352.21	371701.97	3773352.2	0.000444323	0.001462	0.000398458	0.000682663	0.000682663	0.000535948	0.000257919	0.000660903	0.000660903	8.74809E-09	2.53368E-07	2.62116E-07	0.262116027
371701.973773372.21	371701.97	3773372.2	0.000362663	0.001193307	0.000325228	0.0005572	0.0005572	0.000461914	0.000210517	0.000539439	0.000539439	7.14032E-09	2.08347E-07	2.15487E-07	0.215487144
371721.973773132.21	371721.97	3773132.2	0.010664179	0.035089433	0.00956338	0.01638458	0.01638458	0.004892059	0.006190302	0.015862322	0.015862322	2.09963E-07	5.57801E-06	5.78797E-06	5.787967747
371721.973773152.21	371721.97	3773152.2	0.009208608	0.030300019	0.008258059	0.014148222	0.014148222	0.004471249	0.005345378	0.013697248	0.013697248	1.81304E-07	4.83224E-06	5.01354E-06	5.01354168
371721.973773172.21	371721.97	3773172.2	0.007434742	0.024463289	0.006667299	0.011422832	0.011422832	0.003852885	0.004315691	0.01105873	0.01105873	1.4638E-07	3.91673E-06	4.06311E-06	4.063109061
371721.973773192.21	371721.97	3773192.2	0.005491898	0.018070552	0.004925003	0.008437823	0.008437823	0.003130717	0.003187917	0.008168868	0.008168868	1.08128E-07	2.91118E-06	3.0193E-06	3.01930475
371721.973773232.21	371721.97	3773232.2	0.00283061	0.009313843	0.002538423	0.004348985	0.004348985	0.001948361	0.001643102	0.004210361	0.004210361	5.57307E-08	1.52159E-06	1.57732E-06	1.577322443
371721.973773252.21	371721.97	3773252.2	0.002059988	0.006778189	0.001847348	0.003164992	0.003164992	0.001549839	0.001195774	0.003064108	0.003064108	4.05583E-08	1.11567E-06	1.15623E-06	1.156228072
371721.973773272.21	371721.97	3773272.2	0.001551207	0.005104094	0.001391085	0.002383294	0.002383294	0.001276599	0.000900439	0.002307326	0.002307326	3.05411E-08	8.47032E-07	8.77573E-07	0.877573248
371721.973773292.21	371721.97	3773292.2	0.001167218	0.003840617	0.001046733	0.001793329	0.001793329	0.001038692	0.000677542	0.001736167	0.001736167	2.29809E-08	6.42286E-07	6.65266E-07	0.665266403
371721.973773312.21	371721.97	3773312.2	0.000860076	0.002829994	0.000771295	0.001321431	0.001321431	0.000810479	0.000499253	0.00127931	0.00127931	1.69337E-08	4.76121E-07	4.93055E-07	0.493054597
371721.973773332.21	371721.97	3773332.2	0.000636792	0.002095302	0.00057106	0.000978376	0.000978376	0.000631638	0.000369643	0.00094719	0.00094719	1.25375E-08	3.54508E-07	3.67045E-07	0.367045454
371721.973773352.21	371721.97	3773352.2	0.000519777	0.001710274	0.000466123	0.000798592	0.000798592	0.000552191	0.000301718	0.000773137	0.000773137	1.02337E-08	2.91676E-07	3.01909E-07	0.301909245
371721.973773372.21	371721.97	3773372.2	0.000422919	0.001391574	0.000379264	0.000649778	0.000649778	0.00047731	0.000245494	0.000629067	0.000629067	8.32668E-09	2.39092E-07	2.47418E-07	0.247418189
371741.973773132.21	371741.97	3773132.2	0.008336705	0.027431109	0.007476157	0.01280862	0.01280862	0.00389707	0.004839259	0.012400345	0.012400345	1.64138E-07	4.36519E-06	4.52932E-06	4.529323483
371741.973773152.21	371741.97	3773152.2	0.007814043	0.02571134	0.007007446	0.012005595	0.012005595	0.003675995	0.004535866	0.011622917	0.011622917	1.53847E-07	4.09298E-06	4.24683E-06	4.246828832
371741.973773172.21	371741.97	3773172.2	0.006879175	0.02263525	0.006169079	0.010569252	0.010569252	0.003366759	0.003993198	0.010232358	0.010232358	1.35441E-07	3.61154E-06	3.74698E-06	3.746980316
371741.973773192.21	371741.97	3773192.2	0.00554196	0.018235276	0.004969897	0.008514738	0.008514738	0.002923291	0.003216976	0.008243331	0.008243331	1.09113E-07	2.92282E-06	3.03194E-06	3.031935444
371741.973773212.21	371741.97	3773212.2	0.004299111	0.014145804	0.00385534	0.006605209	0.006605209	0.002465981	0.002495532	0.006394669	0.006394669	8.46434E-08	2.27986E-06	2.3645E-06	2.364501942
371741.973773232.21	371741.97	3773232.2	0.002970071	0.009772727	0.002663489	0.004563255	0.004563255	0.001804975	0.001724056	0.004417801	0.004417801	5.84765E-08	1.58145E-06	1.63993E-06	1.639928005
371741.973773252.21	371741.97	3773252.2	0.002258575	0.007431619	0.002025436	0.003470103	0.003470103	0.001495193	0.001311049	0.003359494	0.003359494	4.44682E-08	1.21034E-06	1.25481E-06	1.254812645
371741.973773272.21	371741.97	3773272.2	0.001642015	0.005402889	0.00147252	0.002522813	0.002522813	0.001160679	0.000953151	0.002442398	0.002442398	3.2329E-08	8.84585E-07	9.16914E-07	0.91691443
371741.973773292.21	371741.97	3773292.2	0.00124271	0.004089014	0.001114432	0.001909315	0.001909315	0.000945349	0.000721363	0.001848456	0.001848456	2.44672E-08	6.73695E-07	6.98163E-07	0.698162693
371741.973773312.21	371741.97	3773312.2	0.000939321	0.003090745	0.000842361	0.001443186	0.001443186	0.000763223	0.000545254	0.001397184	0.001397184	1.84939E-08	5.12295E-07	5.30789E-07	0.530788591
371741.973773332.21	371741.97	3773332.2	0.000727506	0.002393785	0.00065241	0.001117749	0.001117749	0.00063293	0.0004223	0.001082121	0.001082121	1.43236E-08	3.99412E-07	4.13735E-07	0.413735189
371741.973773352.21	371741.97	3773352.2	0.000588679	0.001936991	0.000527913	0.000904454	0.000904454	0.000550417	0.000341714	0.000875625	0.000875625	1.15903E-08	3.25609E-07	3.37199E-07	0.337199106
371741.973773372.21	371741.97	3773372.2	0.000488664	0.001607902	0.000438222	0.00075079	0.00075079	0.000489561	0.000283658	0.000726859	0.000726859	9.62111E-09	2.7235E-07	2.81971E-07	0.281971057
371761.973773132.21	371761.97	3773132.2	0.006369222	0.020957301	0.005711766	0.009785755	0.009785755	0.00308188	0.003697182	0.009473834	0.009473834	1.25401E-07	3.34159E-06	3.46699E-06	3.466989148
371761.973773152.21	371761.97	3773152.2	0.006414616	0.021106665	0.005752474	0.009855498	0.009855498	0.00302104	0.003723532	0.009541355	0.009541355	1.26295E-07	3.36018E-06	3.48647E-06	3.486472717
371761.973773172.21	371761.97	3773172.2	0.006073873	0.019985483	0.005446904	0.009331976	0.009331976	0.002895703	0.003525739	0.00903452	0.00903452	1.19586E-07	3.1839E-06	3.30349E-06	3.303489598
371761.973773212.21	371761.97	3773212.2	0.004191486	0.013791672	0.003758824	0.006439852	0.006439852	0.002234751	0.002433058	0.006234582	0.006234582	8.25244E-08	2.21209E-06	2.29461E-06	2.294610958
371761.973773232.21	371761.97	3773232.2	0.003080698	0.010136733	0.002762696	0.004733223	0.004733223	0.001716756	0.001788272	0.004582352	0.004582352	6.06546E-08	1.63055E-06	1.6912E-06	1.691199985
371761.973773252.21	371761.97	3773252.2	0.002434438	0.008010278	0.002183145	0.003740301	0.003740301	0.001465708	0.001413133	0.003621079	0.003621079	4.79306E-08	1.29538E-06	1.34331E-06	1.343309523
371761.973773272.21	371761.97	3773272.2	0.001842021	0.006060989	0.00165188	0.002830104	0.002830104	0.001180829	0.001069249	0.002739895	0.002739895	3.62668E-08	9.84682E-07	1.02095E-06	1.02094851
371761.973773292.21	371761.97	3773292.2	0.001280476	0.00421328	0.0011483	0.001967339	0.001967339	0.000843855	0.000743286	0.00190463	0.00190463	2.52108E-08	6.85951E-07	7.11161E-07	0.711161387
371761.973773312.21	371761.97	3773312.2	0.000995382	0.003275206	0.000892634	0.001529317	0.001529317	0.000706429	0.000577795	0.00148057	0.00148057	1.95977E-08	5.3641E-07	5.56008E-07	0.556007754
371761.973773332.21	371761.97	3773332.2	0.000787697	0.00259184	0.000706388	0.001210228	0.001210228	0.000603359	0.000457239	0.001171652	0.001171652	1.55086E-08	4.27287E-07	4.42795E-07	0.442795151
371761.973773352.21	371761.97	3773352.2	0.000642387	0.00211371	0.000576077	0.000986971	0.000986971	0.000531147	0.00037289	0.000955511	0.000955511	1.26477E-08	3.5093E-07	3.63578E-07	0.363577711
371761.973773372.21	371761.97	3773372.2	0.000526559	0.001732592	0.000472206	0.000809013	0.000809013	0.000468377	0.000305655	0.000783225	0.000783225	1.03672E-08	2.89737E-07	3.00104E-07	0.300104487
371781.973773132.21	371781.97	3773132.2	0.004883693	0.016069312	0.004379579	0.007503368	0.007503368	0.002491281	0.002834868	0.007264199	0.007264199	9.6153E-08	2.5703E-06	2.66646E-06	2.666455014
371781.973773152.21	371781.97	3773152.2	0.005171364	0.017015864	0.004637555	0.007945349	0.007945349	0.002493398	0.003001854	0.007692091	0.007692091	1.01817E-07	2.71258E-06	2.81439E-06	2.814392951
371781.973773212.21	371781.97	3773212.2	0.003994888	0.013144787	0.00358252	0.006137797	0.006137797	0.002035294	0.002318938	0.005942155	0.005942155	7.86537E-08	2.10236E-06	2.18101E-06	2.181011782
371781.973773232.21	371781.97	3773232.2	0.003283701	0.010804695	0.002944744	0.00504512	0.00504512	0.001765774	0.00190611	0.004884307	0.004884307	6.46514E-08	1.73394E-06	1.7986E-06	1.798596136
371781.973773252.21	371781.97	3773252.2	0.002541225	0.008361651	0.00227891	0.00390437	0.00390437	0.001427386	0.001475121	0.003779919	0.003779919	5.00331E-08	1.34572E-06	1.39576E-06	1.395757925
371781.973773272.21	371781.97	3773272.2	0.001906863	0.006274346	0.001710029	0.002929729	0.002929729	0.001109554	0.001106889	0.002836344	0.002836344	3.75434E-08	1.01222E-06	1.04977E-06	1.049766038
371781.973773292.21	371781.97	3773292.2	0.001363086	0.0044851	0.001222383	0.002094262	0.002094262	0.00081057	0.000791239	0.002027508	0.002027508	2.68372E-08	7.24668E-07	7.51506E-07	0.751505593
371781.973773312.21	371781.97	3773312.2	0.001051496	0.003459845	0.000942957	0.001615532	0.001615532	0.000668514	0.000610368	0.001564037	0.001564037	2.07025E-08	5.61744E-07	5.82446E-07	0.582446347
371781.973773332.21	371781.97	3773332.2	0.000835776	0.00275004	0.000749504	0.001284097	0.001284097	0.000574667	0.000485148	0.001243167	0.001243167	1.64553E-08	4.49232E-07	4.65687E-07	0.465687312
371781.973773352.21	371781.97	3773352.2	0.000668411	0.002199339	0.000599415	0.001026954	0.001026954	0.000499834	0.000387996	0.00099422	0.00099422	1.31601E-08	3.61812E-07	3.74972E-07	0.374972489
371781.973773372.21	371781.97	3773372.2	0.000546374	0.001797791	0.000489975	0.000839456	0.000839456	0.000443371	0.000317157	0.000812699	0.000812699	1.07573E-08	2.9795E-07	3.08707E-07	0.308707218
371801.973773132.21	371801.97	3773132.2	0.00377925	0.01243525	0.003389141	0.005806487	0.005806487	0.002044742	0.002193765	0.005621406	0.005621406	7.44081E-08	1.99641E-06	2.07081E-06	2.07081366
371801.973773152.21	371801.97	3773152.2	0.004139951	0.013622101	0.003712609	0.006360673	0.006360673	0.002071762	0.002403143	0.006157927	0.006157927	8.15098E-08	2.17634E-06	2.25785E-06	2.257846017
371801.973773192.21	371801.97	3773192.2	0.00415299	0.013665005	0.003724302	0.006380706	0.006380706	0.002011249	0.002410712	0.006177322	0.006177322	8.17665E-08	2.17896E-06	2.26073E-06	2.260726348
371801.973773212.21	371801.97	3773212.2	0.003700269	0.01217537	0.003318312	0.00568514	0.00568514	0.001837896	0.002147918	0.005503926	0.005503926	7.28531E-08	1.94433E-06	2.01718E-06	2.017179015
371801.973773232.21	371801.97	3773232.2	0.003074214	0.010115398	0.002756881	0.004723261	0.004723261	0.001567727	0.001784508	0.004572707	0.004572707	6.05269E-08	1.61794E-06	1.67846E-06	1.678463224
371801.973773252.21	371801.97	3773252.2	0.002501334	0.008230393	0.002243136	0.003843081	0.003843081	0.001321042	0.001451965	0.003720583	0.003720583	4.92477E-08	1.3193E-06	1.36855E-06	1.368550462
371801.973773272.21	371801.97	3773272.2	0.001840802	0.006056979	0.001650787	0.002828232	0.002828232	0.000969577	0.001068542	0.002738082	0.002738082	3.62428E-08	9.70747E-07	1.00699E-06	1.006989997
371801.973773292.21	371801.97	3773292.2	0.001418518	0.004667494	0.001272093	0.002179429	0.002179429	0.000776567	0.000823416	0.00210996	0.00210996	2.79286E-08	7.49912E-07	7.7784E-07	0.777840499

371801.973773312.21	371801.97	3773312.2	0.001102308	0.003627036	0.000988523	0.0016936	0.0016936	0.000642249	0.000639864	0.001639617	0.001639617	2.17029E-08	5.85193E-07	6.06896E-07	0.606895791
371801.973773332.21	371801.97	3773332.2	0.000884463	0.002910239	0.000793165	0.0013589	0.0013589	0.000556259	0.00051341	0.001315585	0.001315585	1.74138E-08	4.72127E-07	4.89541E-07	0.489540714
371801.973773352.21	371801.97	3773352.2	0.000706146	0.002323504	0.000633255	0.001084932	0.001084932	0.000484309	0.000409901	0.00105035	0.00105035	1.3903E-08	3.79478E-07	3.93381E-07	0.393381094
371801.973773372.21	371801.97	3773372.2	0.000589008	0.001938074	0.000528209	0.00090496	0.00090496	0.000434979	0.000341905	0.000876114	0.000876114	1.15967E-08	3.18486E-07	3.30083E-07	0.33008285
371821.973773132.21	371821.97	3773132.2	0.002957205	0.009730393	0.002651951	0.004543488	0.004543488	0.001700534	0.001716587	0.004398664	0.004398664	5.82232E-08	1.5685E-06	1.62673E-06	1.626726098
371821.973773152.21	371821.97	3773152.2	0.003309063	0.010888146	0.002967488	0.005084086	0.005084086	0.001733894	0.001920832	0.004922031	0.004922031	6.51508E-08	1.74446E-06	1.80961E-06	1.809614947
371821.973773192.21	371821.97	3773192.2	0.003564884	0.011729902	0.003196903	0.005477134	0.005477134	0.001732677	0.002069331	0.00530255	0.00530255	7.01875E-08	1.87079E-06	1.94098E-06	1.940978532
371821.973773212.21	371821.97	3773212.2	0.003369034	0.011085474	0.003021269	0.005176226	0.005176226	0.001660122	0.001955644	0.005011234	0.005011234	6.63315E-08	1.76944E-06	1.83577E-06	1.835771957
371821.973773232.21	371821.97	3773232.2	0.002819173	0.009276212	0.002528167	0.004331413	0.004331413	0.001385119	0.001636463	0.00419335	0.00419335	5.55055E-08	1.48039E-06	1.5359E-06	1.535899426
371821.973773252.21	371821.97	3773252.2	0.002237528	0.007362365	0.002006561	0.003437766	0.003437766	0.001085653	0.001298832	0.003328188	0.003328188	4.40538E-08	1.1741E-06	1.21815E-06	1.21815211
371821.973773272.21	371821.97	3773272.2	0.001758562	0.005786376	0.001577036	0.002701877	0.002701877	0.000860146	0.001020804	0.002615755	0.002615755	3.46236E-08	9.23205E-07	9.57829E-07	0.957828962
371821.973773292.21	371821.97	3773292.2	0.001416576	0.004661105	0.001270352	0.002176446	0.002176446	0.000724601	0.000822289	0.002107072	0.002107072	2.78904E-08	7.45673E-07	7.73563E-07	0.773563173
371821.973773312.21	371821.97	3773312.2	0.001149287	0.003781617	0.001030653	0.00176578	0.00176578	0.00062479	0.000667134	0.001709496	0.001709496	2.26278E-08	6.07304E-07	6.29932E-07	0.629931729
371821.973773332.21	371821.97	3773332.2	0.000941901	0.003099234	0.000844675	0.001447149	0.001447149	0.000547899	0.000546751	0.001401022	0.001401022	1.85447E-08	4.9998E-07	5.18525E-07	0.518524784
371821.973773352.21	371821.97	3773352.2	0.000760417	0.002502078	0.000681924	0.001168315	0.001168315	0.000478666	0.000441404	0.001131075	0.001131075	1.49715E-08	4.05938E-07	4.20909E-07	0.42090931
371821.973773372.21	371821.97	3773372.2	0.000639196	0.002103211	0.000573215	0.000982068	0.000982068	0.000430799	0.000371038	0.000950765	0.000950765	1.25849E-08	3.4302E-07	3.55605E-07	0.355605138
371841.973773132.21	371841.97	3773132.2	0.002342231	0.00770688	0.002100456	0.003598633	0.003598633	0.001431378	0.001359609	0.003483927	0.003483927	4.61152E-08	1.24765E-06	1.29377E-06	1.293767263
371841.973773152.21	371841.97	3773152.2	0.002665067	0.008769141	0.002389968	0.004094643	0.004094643	0.00146925	0.001547008	0.003964126	0.003964126	5.24714E-08	1.40956E-06	1.46203E-06	1.462029813
371841.973773192.21	371841.97	3773192.2	0.003037721	0.009995322	0.002724155	0.004667193	0.004667193	0.001499448	0.001763325	0.004518426	0.004518426	5.98084E-08	1.5956E-06	1.6554E-06	1.655404019
371841.973773212.21	371841.97	3773212.2	0.002938069	0.009667428	0.00263479	0.004514087	0.004514087	0.001440687	0.001705479	0.004370201	0.004370201	5.78464E-08	1.54265E-06	1.60049E-06	1.60049484
371841.973773232.21	371841.97	3773232.2	0.002532164	0.008331838	0.002270784	0.00389045	0.00389045	0.001211873	0.001469861	0.003766442	0.003766442	4.98547E-08	1.32765E-06	1.3775E-06	1.377501456
371841.973773252.21	371841.97	3773252.2	0.002036762	0.006701764	0.001826519	0.003129306	0.003129306	0.000937219	0.001182292	0.00302956	0.00302956	4.0101E-08	1.06553E-06	1.10563E-06	1.105631193
371841.973773272.21	371841.97	3773272.2	0.00168176	0.005533667	0.001508162	0.002583878	0.002583878	0.000785061	0.000976222	0.002501517	0.002501517	3.31115E-08	8.80518E-07	9.1363E-07	0.913629724
371841.973773292.21	371841.97	3773292.2	0.001436106	0.004725366	0.001287865	0.002206451	0.002206451	0.000701616	0.000833625	0.002136121	0.002136121	2.82749E-08	7.53872E-07	7.82147E-07	0.782146899
371841.973773312.21	371841.97	3773312.2	0.001192291	0.003923118	0.001069218	0.001831852	0.001831852	0.000613262	0.000692097	0.001773462	0.001773462	2.34745E-08	6.27825E-07	6.513E-07	0.651299623
371841.973773332.21	371841.97	3773332.2	0.00100469	0.003305834	0.000900982	0.001543618	0.001543618	0.000546827	0.000583199	0.001494416	0.001494416	1.97809E-08	5.30937E-07	5.50718E-07	0.550717666
371841.973773352.21	371841.97	3773352.2	0.000878763	0.002891485	0.000788054	0.001350143	0.001350143	0.00050747	0.000510101	0.001307107	0.001307107	1.73016E-08	4.66232E-07	4.83533E-07	0.48353313
371841.973773372.21	371841.97	3773372.2	0.000748885	0.002464134	0.000671582	0.001150597	0.001150597	0.000460247	0.00043471	0.001113922	0.001113922	1.47445E-08	3.99077E-07	4.13822E-07	0.413821862
371861.973773132.21	371861.97	3773132.2	0.001883677	0.006198055	0.001689237	0.002894106	0.002894106	0.001224521	0.00109343	0.002801856	0.002801856	3.7087E-08	1.00802E-06	1.04511E-06	1.045108905
371861.973773152.21	371861.97	3773152.2	0.002160156	0.00710778	0.001937176	0.003318891	0.003318891	0.001256857	0.001253919	0.003213101	0.003213101	4.25304E-08	1.14667E-06	1.1892E-06	1.189203433
371861.973773192.21	371861.97	3773192.2	0.002577412	0.008480722	0.002311362	0.003959969	0.003959969	0.001303528	0.001496127	0.003833745	0.003833745	5.07456E-08	1.35579E-06	1.40653E-06	1.406534208
371861.973773212.21	371861.97	3773212.2	0.002559644	0.008422259	0.002295428	0.00393267	0.00393267	0.00126549	0.001485813	0.003807317	0.003807317	5.03958E-08	1.34461E-06	1.395E-06	1.395004487
371861.973773232.21	371861.97	3773232.2	0.002220585	0.007306616	0.001991367	0.003411735	0.003411735	0.001039292	0.001288997	0.003302986	0.003302986	4.37202E-08	1.1628E-06	1.20652E-06	1.206520982
371861.973773252.21	371861.97	3773252.2	0.001893115	0.006229108	0.0016977	0.002908605	0.002908605	0.000853415	0.001098908	0.002815894	0.002815894	3.72728E-08	9.89264E-07	1.02654E-06	1.026536852
371861.973773272.21	371861.97	3773272.2	0.001648621	0.005424626	0.001478444	0.002532963	0.002532963	0.000752843	0.000956985	0.002452225	0.002452225	3.2459E-08	8.62111E-07	8.9457E-07	0.894569613
371861.973773292.21	371861.97	3773292.2	0.001460195	0.004804627	0.001309468	0.002243462	0.002243462	0.00069369	0.000847608	0.002171952	0.002171952	2.87492E-08	7.65274E-07	7.94023E-07	0.79402345
371861.973773312.21	371861.97	3773312.2	0.001293627	0.004256552	0.001160094	0.001987545	0.001987545	0.000646504	0.00075092	0.001924192	0.001924192	2.54697E-08	6.79994E-07	7.05463E-07	0.705463351
371861.973773332.21	371861.97	3773332.2	0.001157374	0.003808224	0.001037905	0.001778203	0.001778203	0.000617914	0.000671828	0.001721523	0.001721523	2.27871E-08	6.10865E-07	6.33652E-07	0.63365246
371861.973773352.21	371861.97	3773352.2	0.001034971	0.003405469	0.000928137	0.001590142	0.001590142	0.000595128	0.000600776	0.001539456	0.001539456	2.03771E-08	5.48947E-07	5.69324E-07	0.569324147
371861.973773372.21	371861.97	3773372.2	0.000869492	0.002860979	0.00077974	0.001335899	0.001335899	0.000522631	0.00050472	0.001293318	0.001293318	1.71191E-08	4.62607E-07	4.79727E-07	0.479726554
371881.973773132.21	371881.97	3773132.2	0.001533649	0.005046323	0.00137534	0.002356318	0.002356318	0.001058381	0.000890247	0.002281211	0.002281211	3.01954E-08	8.24585E-07	8.5478E-07	0.854780276
371881.973773152.21	371881.97	3773152.2	0.001774181	0.005837769	0.001591043	0.002725875	0.002725875	0.001088338	0.00102987	0.002638987	0.002638987	3.49311E-08	9.45324E-07	9.80255E-07	0.980255416
371881.973773192.21	371881.97	3773192.2	0.002170666	0.007142362	0.001946601	0.003335038	0.003335038	0.001129881	0.00126002	0.003228734	0.003228734	4.27373E-08	1.14385E-06	1.18659E-06	1.186589828
371881.973773212.21	371881.97	3773212.2	0.002219207	0.007302081	0.001990131	0.003409617	0.003409617	0.001115969	0.001288197	0.003300936	0.003300936	4.3693E-08	1.16696E-06	1.21065E-06	1.21065199
371881.973773232.21	371881.97	3773232.2	0.002021944	0.006653007	0.001813231	0.00310654	0.00310654	0.000962267	0.00117369	0.003007519	0.003007519	3.98092E-08	1.05979E-06	1.0996E-06	1.099598614
371881.973773252.21	371881.97	3773252.2	0.00190485	0.006267722	0.001708224	0.002926636	0.002926636	0.000903002	0.00110572	0.00283335	0.00283335	3.75038E-08	9.98192E-07	1.0357E-06	1.035695998
371881.973773272.21	371881.97	3773272.2	0.001829579	0.006020051	0.001640723	0.002810989	0.002810989	0.0009029	0.001062027	0.002721389	0.002721389	3.60218E-08	9.60994E-07	9.97016E-07	0.997015663
371881.973773292.21	371881.97	3773292.2	0.001643943	0.005409234	0.001474249	0.002525775	0.002525775	0.000829938	0.00095427	0.002445266	0.002445266	3.23669E-08	8.64665E-07	8.97032E-07	0.897031649
371881.973773312.21	371881.97	3773312.2	0.001480285	0.004870731	0.001327484	0.002274328	0.002274328	0.00077914	0.00085927	0.002201834	0.002201834	2.91447E-08	7.80594E-07	8.09738E-07	0.809738365
371881.973773332.21	371881.97	3773332.2	0.001298576	0.004272838	0.001164532	0.001995149	0.001995149	0.000710721	0.000753793	0.001931554	0.001931554	2.55671E-08	6.86492E-07	7.12059E-07	0.712059183
371881.973773352.21	371881.97	3773352.2	0.001125212	0.0037024	0.001009063	0.00172879	0.00172879	0.000641692	0.000653159	0.001673685	0.001673685	2.21538E-08	5.96475E-07	6.18629E-07	0.618628662
371881.973773372.21	371881.97	3773372.2	0.000930404	0.003061402	0.000834364	0.001429484	0.001429484	0.000541993	0.000540077	0.001383919	0.001383919	1.83183E-08	4.93926E-07	5.12245E-07	0.512244505
371901.973773132.21	371901.97	3773132.2	0.001262837	0.004155241	0.001132482	0.001940239	0.001940239	0.000922429	0.000733047	0.001878394	0.001878394	2.48635E-08	6.82194E-07	7.07057E-07	0.707057455
371901.973773152.21	371901.97	3773152.2	0.001469313	0.00483463	0.001317645	0.002257471	0.002257471	0.000950322	0.000852901	0.002185514	0.002185514	2.89287E-08	7.85976E-07	8.14905E-07	0.814904677
371901.973773212.21	371901.97	3773212.2	0.001923378	0.006328688	0.00172484	0.002955103	0.002955103	0.000991431	0.001116475	0.002860909	0.002860909	3.78686E-08	1.01293E-06	1.0508E-06	1.050796632
371901.973773232.21	371901.97	3773232.2	0.001939914	0.006383097	0.001739668	0.002980509	0.002980509	0.000977181	0.001126074	0.002885505	0.002885505	3.81942E-08	1.0202E-06	1.05839E-06	1.058393271
371901.973773252.21	371901.97	3773252.2	0.001891129	0.006222573	0.001695919	0.002905554	0.002905554	0.000947284	0.001097755	0.00281294	0.00281294	3.72337E-08	9.94207E-07	1.03144E-06	1.031440637
371901.973773272.21	371901.97	3773272.2	0.00183827	0.006048646	0.001648516	0.002824341	0.002824341	0.00094073	0.001067072	0.002734315	0.002734315	3.61929E-08	9.67675E-07	1.00387E-06	1.003868232
371901.973773292.21	371901.97	3773292.2	0.001689015	0.005557537	0.001514668	0.002595024	0.002595024	0.000878126	0.000980433	0.002512308	0.002512308	3.32543E-08	8.89976E-07	9.2323E-07	0.92323046
371901.973773312.21	371901.97	3773312.2	0.00153921	0.005064619	0.001380327	0.002364862	0.002364862	0.000823769	0.000893475	0.002289482	0.002289482	3.03049E-08	8.12526E-07	8.42831E-07	0.842830639

9160-9176 Sunset EIR Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition	2026	0.0014754012918461537		8	2.32371E-05
Site Preparation	2026	0.0000		8	0
Grading	2026	0.11273638397727272		8	0.001775559
Building Construction I	2026	0.0000		8	0
Building Construction II	2027	0.0000		8	0
Nighttime Construction	2026	0.0000		8	0
Paving	2027	0.0000		8	0
Architectural Coating I	2026	0.0000		8	0
Architectural Coating II	2027	0.0000		8	0

Risk Summary	
Maximum Risk, Uncontrolled	0.770
UTM X	371741.97
UTM Y	3773132.21

AERMOD Column Identifier:			*5*	*5*	*5*	*5*	*5*	*5*	*5*	*6*	*5*				
			Demolition	Site Preparation	Grading	Building Construction I	Building Construction II	Paving	Architectural Coating I	Nighttime Construction	Architectural Coating II	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2027	2026	2026	2027	3rd Trimester	0<2	Total	per million
371629.723772904.7€	371629.72	3772904.8	3.70696E-05	0	0.002832514	0	0	0	0	0	0	2.81755E-10	5.52541E-08	5.55359E-08	0.055535863
371639.723772904.7€	371639.72	3772904.8	3.79127E-05	0	0.002896931	0	0	0	0	0	0	2.88163E-10	5.65107E-08	5.67989E-08	0.056798864
371649.723772904.7€	371649.72	3772904.8	3.87599E-05	0	0.002961668	0	0	0	0	0	0	2.94603E-10	5.77735E-08	5.80681E-08	0.058068132
371659.723772904.7€	371659.72	3772904.8	3.92802E-05	0	0.003001423	0	0	0	0	0	0	2.98557E-10	5.8549E-08	5.88476E-08	0.058847586
371599.723772914.7€	371599.72	3772914.8	3.73334E-05	0	0.002852666	0	0	0	0	0	0	2.8376E-10	5.56472E-08	5.5931E-08	0.055930986
371609.723772914.7€	371609.72	3772914.8	3.85096E-05	0	0.002942545	0	0	0	0	0	0	2.92701E-10	5.74005E-08	5.76932E-08	0.0576932
371619.723772914.7€	371619.72	3772914.8	3.96487E-05	0	0.003029583	0	0	0	0	0	0	3.01358E-10	5.90984E-08	5.93997E-08	0.059399714
371629.723772914.7€	371629.72	3772914.8	4.08112E-05	0	0.003118414	0	0	0	0	0	0	3.10195E-10	6.08312E-08	6.11414E-08	0.061141389
371639.723772914.7€	371639.72	3772914.8	4.17658E-05	0	0.003191354	0	0	0	0	0	0	3.1745E-10	6.2254E-08	6.25715E-08	0.062571491
371649.723772914.7€	371649.72	3772914.8	4.25663E-05	0	0.003252522	0	0	0	0	0	0	3.23535E-10	6.34473E-08	6.37708E-08	0.063770786
371659.723772914.7€	371659.72	3772914.8	4.322E-05	0	0.003302469	0	0	0	0	0	0	3.28503E-10	6.44216E-08	6.47501E-08	0.064750065
371569.723772924.7€	371569.72	3772924.8	3.62972E-05	0	0.002773494	0	0	0	0	0	0	2.75885E-10	5.41028E-08	5.43787E-08	0.054378691
371579.723772924.7€	371579.72	3772924.8	3.79317E-05	0	0.002898387	0	0	0	0	0	0	2.88308E-10	5.65391E-08	5.68274E-08	0.05682741
371589.723772924.7€	371589.72	3772924.8	3.95239E-05	0	0.003020048	0	0	0	0	0	0	3.0041E-10	5.89124E-08	5.92128E-08	0.059212771
371599.723772924.7€	371599.72	3772924.8	4.11226E-05	0	0.003142207	0	0	0	0	0	0	3.12561E-10	6.12953E-08	6.16079E-08	0.061607878
371609.723772924.7€	371609.72	3772924.8	4.23807E-05	0	0.003238335	0	0	0	0	0	0	3.22123E-10	6.31705E-08	6.34926E-08	0.063492633
371619.723772924.7€	371619.72	3772924.8	4.36413E-05	0	0.003334659	0	0	0	0	0	0	3.31705E-10	6.50495E-08	6.53812E-08	0.065381217
371629.723772924.7€	371629.72	3772924.8	4.51371E-05	0	0.003448952	0	0	0	0	0	0	3.43074E-10	6.7279E-08	6.76221E-08	0.067622105
371639.723772924.7€	371639.72	3772924.8	4.6159E-05	0	0.003527041	0	0	0	0	0	0	3.50841E-10	6.88023E-08	6.91532E-08	0.069153164
371649.723772924.7€	371649.72	3772924.8	4.70499E-05	0	0.003595116	0	0	0	0	0	0	3.57613E-10	7.01303E-08	7.04879E-08	0.070487879
371659.723772924.7€	371659.72	3772924.8	4.77944E-05	0	0.003652005	0	0	0	0	0	0	3.63272E-10	7.124E-08	7.16033E-08	0.071603275
371569.723772934.7€	371569.72	3772934.8	3.97038E-05	0	0.003033791	0	0	0	0	0	0	3.01777E-10	5.91804E-08	5.94822E-08	0.05948222
371579.723772934.7€	371579.72	3772934.8	4.17177E-05	0	0.003187679	0	0	0	0	0	0	3.17084E-10	6.21823E-08	6.24994E-08	0.062499429
371589.723772934.7€	371589.72	3772934.8	4.37398E-05	0	0.003342188	0	0	0	0	0	0	3.32454E-10	6.51964E-08	6.55288E-08	0.065528823
371599.723772934.7€	371599.72	3772934.8	4.54649E-05	0	0.003474005	0	0	0	0	0	0	3.45566E-10	6.77677E-08	6.81133E-08	0.068113311
371609.723772934.7€	371609.72	3772934.8	4.6851E-05	0	0.003579917	0	0	0	0	0	0	3.56101E-10	6.98338E-08	7.01899E-08	0.070189883
371619.723772934.7€	371619.72	3772934.8	4.83189E-05	0	0.003692079	0	0	0	0	0	0	3.67258E-10	7.20217E-08	7.2389E-08	0.072388996
371629.723772934.7€	371629.72	3772934.8	5.00938E-05	0	0.003827697	0	0	0	0	0	0	3.80748E-10	7.46672E-08	7.5048E-08	0.075047983
371639.723772934.7€	371639.72	3772934.8	5.14317E-05	0	0.003929933	0	0	0	0	0	0	3.90918E-10	7.66616E-08	7.70525E-08	0.077052493
371649.723772934.7€	371649.72	3772934.8	5.25211E-05	0	0.004013171	0	0	0	0	0	0	3.99198E-10	7.82853E-08	7.86845E-08	0.078684509
371659.723772934.7€	371659.72	3772934.8	5.31859E-05	0	0.00406397	0	0	0	0	0	0	4.04251E-10	7.92762E-08	7.96805E-08	0.079680497
371569.723772944.7€	371569.72	3772944.8	4.37059E-05	0	0.003339595	0	0	0	0	0	0	3.32196E-10	6.51458E-08	6.5478E-08	0.065477996
371579.723772944.7€	371579.72	3772944.8	4.61469E-05	0	0.003526118	0	0	0	0	0	0	3.5075E-10	6.87843E-08	6.91351E-08	0.069135061
371589.723772944.7€	371589.72	3772944.8	4.84279E-05	0	0.003700407	0	0	0	0	0	0	3.68086E-10	7.21842E-08	7.25523E-08	0.072552267
371599.723772944.7€	371599.72	3772944.8	5.04386E-05	0	0.003854046	0	0	0	0	0	0	3.83369E-10	7.51812E-08	7.55646E-08	0.075564602
371609.723772944.7€	371609.72	3772944.8	5.23306E-05	0	0.003998612	0	0	0	0	0	0	3.9775E-10	7.80013E-08	7.8399E-08	0.078399045
371619.723772944.7€	371619.72	3772944.8	5.42973E-05	0	0.004148895	0	0	0	0	0	0	4.12698E-10	8.09329E-08	8.13456E-08	0.081345585
371629.723772944.7€	371629.72	3772944.8	5.59955E-05	0	0.004278653	0	0	0	0	0	0	4.25606E-10	8.34641E-08	8.38897E-08	0.08388969
371639.723772944.7€	371639.72	3772944.8	5.74322E-05	0	0.004388436	0	0	0	0	0	0	4.36526E-10	8.56056E-08	8.60422E-08	0.086042154
371649.723772944.7€	371649.72	3772944.8	5.86148E-05	0	0.004478794	0	0	0	0	0	0	4.45514E-10	8.73683E-08	8.78138E-08	0.087813768
371659.723772944.7€	371659.72	3772944.8	5.94934E-05	0	0.004545928	0	0	0	0	0	0	4.52192E-10	8.86778E-08	8.913E-08	0.089130033
371569.723772954.7€	371569.72	3772954.8	4.8472E-05	0	0.00370378	0	0	0	0	0	0	3.68422E-10	7.225E-08	7.26184E-08	0.072618411
371579.723772954.7€	371579.72	3772954.8	5.14229E-05	0	0.003929259	0	0	0	0	0	0	3.90851E-10	7.66484E-08	7.70393E-08	0.077039264
371589.723772954.7€	371589.72	3772954.8	5.41839E-05	0	0.00414023	0	0	0	0	0	0	4.11837E-10	8.07639E-08	8.11757E-08	0.081175699
371599.723772954.7€	371599.72	3772954.8	5.66654E-05	0	0.004329842	0	0	0	0	0	0	4.30698E-10	8.44626E-08	8.48933E-08	0.084893338
371609.723772954.7€	371609.72	3772954.8	5.89501E-05	0	0.004504415	0	0	0	0	0	0	4.48063E-10	8.78681E-08	8.83161E-08	0.088316114
371619.723772954.7€	371619.72	3772954.8	6.12747E-05	0	0.004682042	0	0	0	0	0	0	4.65732E-10	9.1333E-08	9.17988E-08	0.091798767
371629.723772954.7€	371629.72	3772954.8	6.31562E-05	0	0.004825809	0	0	0	0	0	0	4.80032E-10	9.41375E-08	9.46175E-08	0.094617544

371639.723772954.7€	371639.72	3772954.8	6.48484E-05	0	0.004955105	0	0	0	0	0	0	4.92894E-10	9.66597E-08	9.71526E-08	0.097152599
371649.723772954.7€	371649.72	3772954.8	6.61931E-05	0	0.005057857	0	0	0	0	0	0	5.03115E-10	9.86641E-08	9.91672E-08	0.099167205
371659.723772954.7€	371659.72	3772954.8	6.69957E-05	0	0.005119185	0	0	0	0	0	0	5.09215E-10	9.98604E-08	1.0037E-07	0.100369632
371569.723772964.7€	371569.72	3772964.8	5.41723E-05	0	0.004139343	0	0	0	0	0	0	4.11748E-10	8.07465E-08	8.11583E-08	0.081158293
371579.723772964.7€	371579.72	3772964.8	5.78582E-05	0	0.004420982	0	0	0	0	0	0	4.39763E-10	8.62405E-08	8.66803E-08	0.086680269
371589.723772964.7€	371589.72	3772964.8	6.14388E-05	0	0.004694578	0	0	0	0	0	0	4.66979E-10	9.15776E-08	9.20445E-08	0.092044544
371599.723772964.7€	371599.72	3772964.8	6.44756E-05	0	0.004926626	0	0	0	0	0	0	4.90061E-10	9.61041E-08	9.65942E-08	0.096594205
371609.723772964.7€	371609.72	3772964.8	6.72787E-05	0	0.005140811	0	0	0	0	0	0	5.11366E-10	1.00282E-07	1.00794E-07	0.10079365
371619.723772964.7€	371619.72	3772964.8	6.99921E-05	0	0.005348143	0	0	0	0	0	0	5.3199E-10	1.04327E-07	1.04859E-07	0.104858718
371629.723772964.7€	371629.72	3772964.8	7.20384E-05	0	0.005504499	0	0	0	0	0	0	5.47543E-10	1.07377E-07	1.07924E-07	0.107924317
371639.723772964.7€	371639.72	3772964.8	7.37962E-05	0	0.00563882	0	0	0	0	0	0	5.60904E-10	1.09997E-07	1.10558E-07	0.110557891
371649.723772964.7€	371649.72	3772964.8	7.52948E-05	0	0.005753326	0	0	0	0	0	0	5.72294E-10	1.12231E-07	1.12803E-07	0.112802956
371659.723772964.7€	371659.72	3772964.8	7.61002E-05	0	0.005814867	0	0	0	0	0	0	5.78416E-10	1.13431E-07	1.1401E-07	0.114009561
371569.723772970.33	371569.72	3772970.3	5.78494E-05	0	0.004420307	0	0	0	0	0	0	4.39696E-10	8.62273E-08	8.6667E-08	0.08666704
371579.723772970.33	371579.72	3772970.3	6.19893E-05	0	0.004736641	0	0	0	0	0	0	4.71163E-10	9.23981E-08	9.28693E-08	0.092869255
371589.723772970.33	371589.72	3772970.3	6.59651E-05	0	0.005040439	0	0	0	0	0	0	5.01382E-10	9.83243E-08	9.88257E-08	0.098825693
371599.723772970.33	371599.72	3772970.3	6.95055E-05	0	0.005310963	0	0	0	0	0	0	5.28292E-10	1.03601E-07	1.0413E-07	0.104129742
371609.723772970.33	371609.72	3772970.3	7.28768E-05	0	0.005568561	0	0	0	0	0	0	5.53915E-10	1.08626E-07	1.0918E-07	0.109180356
371619.723772974.7€	371619.72	3772974.8	8.07204E-05	0	0.006167901	0	0	0	0	0	0	6.13533E-10	1.20318E-07	1.20931E-07	0.120931353
371629.723772974.7€	371629.72	3772974.8	8.2864E-05	0	0.006331696	0	0	0	0	0	0	6.29826E-10	1.23513E-07	1.24143E-07	0.124142816
371639.723772974.7€	371639.72	3772974.8	8.45604E-05	0	0.006461312	0	0	0	0	0	0	6.42719E-10	1.26041E-07	1.26684E-07	0.126684137
371649.723772974.7€	371649.72	3772974.8	8.59913E-05	0	0.006570651	0	0	0	0	0	0	6.53595E-10	1.28174E-07	1.28828E-07	0.128827898
371659.723772974.7€	371659.72	3772974.8	8.7221E-05	0	0.006664614	0	0	0	0	0	0	6.62942E-10	1.30007E-07	1.3067E-07	0.130670181
371619.723772984.7€	371619.72	3772984.8	9.39151E-05	0	0.007176117	0	0	0	0	0	0	7.13822E-10	1.39985E-07	1.40699E-07	0.140698998
371629.723772984.7€	371629.72	3772984.8	9.61396E-05	0	0.007346091	0	0	0	0	0	0	7.3073E-10	1.43301E-07	1.44032E-07	0.144031609
371639.723772984.7€	371639.72	3772984.8	9.78647E-05	0	0.007477908	0	0	0	0	0	0	7.43842E-10	1.45872E-07	1.46616E-07	0.146616098
371649.723772984.7€	371649.72	3772984.8	9.92871E-05	0	0.00758659	0	0	0	0	0	0	7.54653E-10	1.47992E-07	1.48747E-07	0.148746978
371659.723772984.7€	371659.72	3772984.8	0.000100928	0	0.00771198	0	0	0	0	0	0	7.67125E-10	1.50438E-07	1.51205E-07	0.151205444
371569.873772991.4	371569.87	3772991.4	7.65731E-05	0	0.005850999	0	0	0	0	0	0	5.8201E-10	1.14136E-07	1.14718E-07	0.114717998
371579.873772991.4	371579.87	3772991.4	8.40394E-05	0	0.006421504	0	0	0	0	0	0	6.38759E-10	1.25265E-07	1.25904E-07	0.125903638
371589.873772991.4	371589.87	3772991.4	9.09961E-05	0	0.006953071	0	0	0	0	0	0	6.91635E-10	1.35634E-07	1.36326E-07	0.136325838
371599.873772991.4	371599.87	3772991.4	9.71799E-05	0	0.007425583	0	0	0	0	0	0	7.38637E-10	1.44852E-07	1.4559E-07	0.14559017
371609.873772991.4	371609.87	3772991.4	0.000102122	0	0.007803244	0	0	0	0	0	0	7.76203E-10	1.52219E-07	1.52995E-07	0.152994812
371619.723772994.7€	371619.72	3772994.8	0.000111969	0	0.008555637	0	0	0	0	0	0	8.51045E-10	1.66896E-07	1.67747E-07	0.167746656
371629.723772994.7€	371629.72	3772994.8	0.000114021	0	0.008712454	0	0	0	0	0	0	8.66644E-10	1.69555E-07	1.70821E-07	0.170821306
371639.723772994.7€	371639.72	3772994.8	0.000115499	0	0.00882538	0	0	0	0	0	0	8.77877E-10	1.72158E-07	1.73035E-07	0.173035388
371649.723772994.7€	371649.72	3772994.8	0.00011685	0	0.008928575	0	0	0	0	0	0	8.88142E-10	1.74171E-07	1.75059E-07	0.175058697
371659.723772994.7€	371659.72	3772994.8	0.000118365	0	0.009044342	0	0	0	0	0	0	8.99658E-10	1.76429E-07	1.77328E-07	0.17732848
371570.043773001.54	371570.04	3773001.5	8.95784E-05	0	0.006844744	0	0	0	0	0	0	6.8086E-10	1.33521E-07	1.34202E-07	0.13420192
371580.043773001.54	371580.04	3773001.5	9.98487E-05	0	0.007629506	0	0	0	0	0	0	7.58921E-10	1.48829E-07	1.49588E-07	0.149588398
371590.043773001.54	371590.04	3773001.5	0.000109833	0	0.00839241	0	0	0	0	0	0	8.34809E-10	1.63712E-07	1.64546E-07	0.164546333
371600.043773001.54	371600.04	3773001.5	0.000118461	0	0.009051657	0	0	0	0	0	0	9.00386E-10	1.76572E-07	1.77472E-07	0.177471908
371610.043773001.54	371610.04	3773001.5	0.000124637	0	0.009523565	0	0	0	0	0	0	9.47327E-10	1.85777E-07	1.86724E-07	0.186724403
371619.723773004.7€	371619.72	3773004.8	0.000136966	0	0.010465659	0	0	0	0	0	0	1.04104E-09	2.04155E-07	2.05196E-07	0.205195627
371629.723773004.7€	371629.72	3773004.8	0.00013849	0	0.010582136	0	0	0	0	0	0	1.05263E-09	2.06427E-07	2.07479E-07	0.207479334
371639.723773004.7€	371639.72	3773004.8	0.000139336	0	0.010646731	0	0	0	0	0	0	1.05905E-09	2.07687E-07	2.08746E-07	0.208745817
371649.723773004.7€	371649.72	3773004.8	0.000141192	0	0.010788544	0	0	0	0	0	0	1.07316E-09	2.10453E-07	2.11526E-07	0.2115263
371659.723773004.7€	371659.72	3773004.8	0.000140969	0	0.010771517	0	0	0	0	0	0	1.07146E-09	2.10121E-07	2.11192E-07	0.211192447
371619.723773014.7€	371619.72	3773014.8	0.000171609	0	0.013112787	0	0	0	0	0	0	1.30435E-09	2.55792E-07	2.57097E-07	0.257096705
371629.723773014.7€	371629.72	3773014.8	0.000172219	0	0.013159342	0	0	0	0	0	0	1.30898E-09	2.56701E-07	2.58009E-07	0.258009491
371639.723773014.7€	371639.72	3773014.8	0.000172487	0	0.013179849	0	0	0	0	0	0	1.31102E-09	2.57101E-07	2.58412E-07	0.258411577
371649.723773014.7€	371649.72	3773014.8	0.000173932	0	0.013290236	0	0	0	0	0	0	1.322E-09	2.59254E-07	2.60576E-07	0.260575877
371659.723773014.7€	371659.72	3773014.8	0.000170804	0	0.013051228	0	0	0	0	0	0	1.29823E-09	2.54592E-07	2.5589E-07	0.255889751
371619.723773020.25	371619.72	3773020.3	0.000198062	0	0.015134083	0	0	0	0	0	0	1.50542E-09	2.95222E-07	2.96727E-07	0.296727381
371629.723773020.25	371629.72	3773020.3	0.00019531	0	0.014923786	0	0	0	0	0	0	1.4845E-09	2.9112E-07	2.92604E-07	0.292604176
371639.723773020.25	371639.72	3773020.3	0.000193211	0	0.014763364	0	0	0	0	0	0	1.46854E-09	2.8799E-07	2.89459E-07	0.289458856
371649.723773020.25	371649.72	3773020.3	0.000192958	0	0.014744081	0	0	0	0	0	0	1.46662E-09	2.87614E-07	2.89081E-07	0.289080791
371659.723773020.25	371659.72	3773020.3	0.000190958	0	0.014591241	0	0	0	0	0	0	1.45142E-09	2.84633E-07	2.86084E-07	0.286084122
371678.383772888.9€	371678.38	3772889	3.49983E-05	0	0.00267424	0	0	0	0	0	0	2.66012E-10	5.21667E-08	5.24327E-08	0.052432666
371688.383772888.9€	371688.38	3772889	3.54667E-05	0	0.002710036	0	0	0	0	0	0	2.69572E-10	5.28649E-08	5.31345E-08	0.053134489
371698.383772888.9€	371698.38	3772889	3.57976E-05	0	0.00273532	0	0	0	0	0	0	2.72087E-10	5.33581E-08	5.36302E-08	0.05363022
371708.383772888.9€	371708.38	3772889	3.59812E-05	0	0.002749346	0	0	0	0	0	0	2.73483E-10	5.36318E-08	5.39052E-08	0.05390524
371718.383772888.9€	371718.38	3772889	3.60063E-05	0	0.002751264	0	0	0	0	0	0	2.73673E-10	5.36692E-08	5.39428E-08	0.053942838
371678.383772898.9€	371678.38	3772899	3.81957E-05	0	0.002918557	0	0	0	0	0	0	2.90314E-10	5.69326E-08	5.72229E-08	0.057222882
371688.383772898.9€	371688.38	3772899	3.85775E-05	0	0.00294773	0	0	0	0	0	0	2.93216E-10	5.75016E-08	5.77949E-08	0.057794853
371698.383772898.9€	371698.38	3772899	3.90166E-05	0	0.002981288	0	0	0	0	0	0	2.96554E-10	5.81563E-08	5.84528E-08	0.058452811
371708.383772898.9€	371708.38	3772899	3.93475E-05	0	0.003006572	0	0	0	0	0	0	2.99069E-10	5.86495E-08	5.89485E-08	0.058948543
371718.383772898.9€	371718.38	3772899	3.95139E-05	0	0.003019285	0	0	0	0	0	0	3.00334E-10	5.88975E-08	5.91978E-08	0.059197801
371678.383772918.9€	371678.38	3772919	4.61997E-05	0	0.003530148	0	0	0	0	0	0	3.51151E-10	6.88629E-08	6.92141E-08	0.069214086
371688.383772918.9€	371688.38	3772919	4.6489E-05	0	0.003552254	0	0	0	0	0	0	3.53349E-10	6.92942E-08	6.96475E-08	0.069647503
371698.383772918.9€	371698.38	3772919	4.70706E-05	0	0.003596696	0	0	0	0	0	0	3.5777E-10	7.01611E-08	7.05189E-08	0.070518862

371708.383772918.9€	371708.38	3772919	4.75133E-05	0	0.003630521	0	0	0	0	0	3.61135E-10	7.08209E-08	7.1182E-08	0.071182043
371718.383772918.9€	371718.38	3772919	4.76936E-05	0	0.003644299	0	0	0	0	0	3.62505E-10	7.10897E-08	7.14522E-08	0.071452188
371678.383772928.9€	371678.38	3772929	5.12823E-05	0	0.003918516	0	0	0	0	0	3.89782E-10	7.64389E-08	7.68286E-08	0.076828648
371688.383772928.9€	371688.38	3772929	5.1919E-05	0	0.003967167	0	0	0	0	0	3.94622E-10	7.73879E-08	7.77825E-08	0.077782514
371698.383772928.9€	371698.38	3772929	5.25376E-05	0	0.004014432	0	0	0	0	0	3.99323E-10	7.83099E-08	7.87092E-08	0.078709225
371708.383772928.9€	371708.38	3772929	5.30562E-05	0	0.004054063	0	0	0	0	0	4.03265E-10	7.9083E-08	7.94862E-08	0.079486243
371718.383772928.9€	371718.38	3772929	5.31801E-05	0	0.004063526	0	0	0	0	0	4.04207E-10	7.92676E-08	7.96718E-08	0.079671794
371678.383772938.9€	371678.38	3772939	5.72203E-05	0	0.004372243	0	0	0	0	0	4.34915E-10	8.52897E-08	8.57247E-08	0.085724663
371688.383772938.9€	371688.38	3772939	5.80868E-05	0	0.004438453	0	0	0	0	0	4.41501E-10	8.65813E-08	8.70228E-08	0.087022825
371698.383772938.9€	371698.38	3772939	5.86601E-05	0	0.004482256	0	0	0	0	0	4.45859E-10	8.74358E-08	8.78817E-08	0.087881652
371708.383772938.9€	371708.38	3772939	5.89371E-05	0	0.004503421	0	0	0	0	0	4.47964E-10	8.78487E-08	8.82966E-08	0.088296619
371718.383772938.9€	371718.38	3772939	5.92036E-05	0	0.004523787	0	0	0	0	0	4.4999E-10	8.82459E-08	8.86959E-08	0.088695919
371678.383772948.9€	371678.38	3772949	6.41624E-05	0	0.004902691	0	0	0	0	0	4.8768E-10	9.56373E-08	9.61249E-08	0.096124931
371688.383772948.9€	371688.38	3772949	6.51707E-05	0	0.004979732	0	0	0	0	0	4.95343E-10	9.71401E-08	9.76354E-08	0.09763545
371698.383772948.9€	371698.38	3772949	6.58215E-05	0	0.005029466	0	0	0	0	0	5.00291E-10	9.81103E-08	9.86106E-08	0.098610551
371708.383772948.9€	371708.38	3772949	6.6208E-05	0	0.005058993	0	0	0	0	0	5.03228E-10	9.86863E-08	9.91895E-08	0.099189485
371718.383772948.9€	371718.38	3772949	6.65128E-05	0	0.005082289	0	0	0	0	0	5.05545E-10	9.91407E-08	9.96462E-08	0.099646226
371678.383772958.9€	371678.38	3772959	7.24469E-05	0	0.005535713	0	0	0	0	0	5.50648E-10	1.07986E-07	1.08536E-07	0.108536323
371688.383772958.9€	371688.38	3772959	7.35311E-05	0	0.005618561	0	0	0	0	0	5.58889E-10	1.09602E-07	1.10161E-07	0.110160679
371698.383772958.9€	371698.38	3772959	7.41113E-05	0	0.005662897	0	0	0	0	0	5.63299E-10	1.10467E-07	1.1103E-07	0.11102995
371708.383772958.9€	371708.38	3772959	7.45047E-05	0	0.005692957	0	0	0	0	0	5.66289E-10	1.11053E-07	1.11619E-07	0.111619328
371718.383772958.9€	371718.38	3772959	7.47678E-05	0	0.005713056	0	0	0	0	0	5.68289E-10	1.11445E-07	1.12013E-07	0.112013406
371678.383772968.9€	371678.38	3772969	8.24486E-05	0	0.006299949	0	0	0	0	0	6.26668E-10	1.22894E-07	1.2352E-07	0.123520367
371688.383772968.9€	371688.38	3772969	8.36188E-05	0	0.006389366	0	0	0	0	0	6.35562E-10	1.24638E-07	1.25274E-07	0.12527353
371698.383772968.9€	371698.38	3772969	8.42397E-05	0	0.006436809	0	0	0	0	0	6.40282E-10	1.25563E-07	1.26204E-07	0.126203723
371708.383772968.9€	371708.38	3772969	8.46461E-05	0	0.006467864	0	0	0	0	0	6.43371E-10	1.26169E-07	1.26813E-07	0.126812596
371718.383772968.9€	371718.38	3772969	8.50283E-05	0	0.006497072	0	0	0	0	0	6.46276E-10	1.26739E-07	1.27385E-07	0.127385263
371678.383772978.9€	371678.38	3772979	9.46882E-05	0	0.007235189	0	0	0	0	0	7.19698E-10	1.41138E-07	1.41857E-07	0.141857214
371688.383772978.9€	371688.38	3772979	9.60564E-05	0	0.007339734	0	0	0	0	0	7.30097E-10	1.43177E-07	1.43907E-07	0.14390698
371698.383772978.9€	371698.38	3772979	9.6816E-05	0	0.007397777	0	0	0	0	0	7.35871E-10	1.44309E-07	1.45045E-07	0.145045004
371708.383772978.9€	371708.38	3772979	9.7219E-05	0	0.007428566	0	0	0	0	0	7.38934E-10	1.4491E-07	1.45649E-07	0.145648655
371718.383772978.9€	371718.38	3772979	9.76844E-05	0	0.00746413	0	0	0	0	0	7.42471E-10	1.45603E-07	1.46346E-07	0.146345952
371678.383772988.9€	371678.38	3772989	0.000109944	0	0.008400879	0	0	0	0	0	8.35651E-10	1.63877E-07	1.64712E-07	0.164712389
371688.383772988.9€	371688.38	3772989	0.00011177	0	0.008540438	0	0	0	0	0	8.49534E-10	1.66599E-07	1.67449E-07	0.16744866
371698.383772988.9€	371698.38	3772989	0.000112178	0	0.008571582	0	0	0	0	0	8.52631E-10	1.67207E-07	1.68059E-07	0.168059274
371708.383772988.9€	371708.38	3772989	0.000112189	0	0.008572469	0	0	0	0	0	8.5272E-10	1.67224E-07	1.68077E-07	0.16807668
371718.383772988.9€	371718.38	3772989	0.000112748	0	0.008615136	0	0	0	0	0	8.56964E-10	1.68056E-07	1.68913E-07	0.168913227
371678.383772998.9€	371678.38	3772999	0.000129202	0	0.009872392	0	0	0	0	0	9.82026E-10	1.92582E-07	1.93564E-07	0.193563689
371688.383772998.9€	371688.38	3772999	0.00013128	0	0.010031162	0	0	0	0	0	9.97819E-10	1.95679E-07	1.96677E-07	0.196676633
371698.383772998.9€	371698.38	3772999	0.000131709	0	0.010063974	0	0	0	0	0	1.00108E-09	1.96319E-07	1.9732E-07	0.19731997
371708.383772998.9€	371708.38	3772999	0.000132305	0	0.010109535	0	0	0	0	0	1.00561E-09	1.97208E-07	1.98213E-07	0.198213261
371718.383772998.9€	371718.38	3772999	0.000133323	0	0.010187322	0	0	0	0	0	1.01335E-09	1.98725E-07	1.99738E-07	0.199738402
371678.383773008.9€	371678.38	3773009	0.00015427	0	0.011787865	0	0	0	0	0	1.17256E-09	2.29947E-07	2.3112E-07	0.231119534
371688.383773008.9€	371688.38	3773009	0.000156766	0	0.011978631	0	0	0	0	0	1.19154E-09	2.33668E-07	2.3486E-07	0.234859801
371698.383773008.9€	371698.38	3773009	0.000157822	0	0.012059294	0	0	0	0	0	1.19956E-09	2.35242E-07	2.36441E-07	0.236441338
371708.383773008.9€	371708.38	3773009	0.000158574	0	0.012116751	0	0	0	0	0	1.20528E-09	2.36363E-07	2.37568E-07	0.237567874
371718.383773008.9€	371718.38	3773009	0.000159545	0	0.01219097	0	0	0	0	0	1.21266E-09	2.3781E-07	2.39023E-07	0.239023041
371678.383773018.9€	371678.38	3773019	0.000187522	0	0.014328654	0	0	0	0	0	1.4253E-09	2.7951E-07	2.80936E-07	0.280935685
371688.383773018.9€	371688.38	3773019	0.000190436	0	0.014551309	0	0	0	0	0	1.44745E-09	2.83854E-07	2.85301E-07	0.285301186
371698.383773018.9€	371698.38	3773019	0.000191921	0	0.014664785	0	0	0	0	0	1.45873E-09	2.86067E-07	2.87526E-07	0.28752606
371708.383773018.9€	371708.38	3773019	0.000192906	0	0.014740069	0	0	0	0	0	1.46622E-09	2.87536E-07	2.89002E-07	0.289002115
371718.383773018.9€	371718.38	3773019	0.000193824	0	0.014810203	0	0	0	0	0	1.4732E-09	2.88904E-07	2.90377E-07	0.290377213
371734.813772871.37	371734.81	3772871.4	3.09954E-05	0	0.002368383	0	0	0	0	0	2.35587E-10	4.62003E-08	4.64358E-08	0.046435846
371754.813772871.37	371754.81	3772871.4	3.10401E-05	0	0.002371792	0	0	0	0	0	2.35927E-10	4.62668E-08	4.65027E-08	0.046502686
371774.813772871.37	371774.81	3772871.4	3.06606E-05	0	0.002342797	0	0	0	0	0	2.33042E-10	4.57012E-08	4.59342E-08	0.045934196
371734.813772911.37	371734.81	3772911.4	4.44288E-05	0	0.003394833	0	0	0	0	0	3.3769E-10	6.62233E-08	6.6561E-08	0.066561017
371754.813772911.37	371754.81	3772911.4	4.45703E-05	0	0.003405646	0	0	0	0	0	3.38766E-10	6.64343E-08	6.6773E-08	0.066773025
371774.813772911.37	371774.81	3772911.4	4.40705E-05	0	0.003367454	0	0	0	0	0	3.34967E-10	6.56892E-08	6.60242E-08	0.066024206
371734.813772931.37	371734.81	3772931.4	5.46636E-05	0	0.004176878	0	0	0	0	0	4.15482E-10	8.14787E-08	8.18942E-08	0.081894231
371754.813772931.37	371754.81	3772931.4	5.45985E-05	0	0.004171906	0	0	0	0	0	4.14987E-10	8.13818E-08	8.17968E-08	0.081796756
371774.813772931.37	371774.81	3772931.4	5.38884E-05	0	0.004117645	0	0	0	0	0	4.0959E-10	8.03233E-08	8.07329E-08	0.080732883
371734.813772951.37	371734.81	3772951.4	6.90522E-05	0	0.005276322	0	0	0	0	0	5.24846E-10	1.02926E-07	1.03451E-07	0.103450548
371754.813772951.37	371754.81	3772951.4	6.88563E-05	0	0.005261354	0	0	0	0	0	5.23357E-10	1.02634E-07	1.03157E-07	0.103157078
371774.813772951.37	371774.81	3772951.4	6.76484E-05	0	0.00516906	0	0	0	0	0	5.14176E-10	1.00833E-07	1.01348E-07	0.101347518
371734.813772971.37	371734.81	3772971.4	8.73372E-05	0	0.006673491	0	0	0	0	0	6.63825E-10	1.3018E-07	1.30844E-07	0.130844244
371754.813772971.37	371754.81	3772971.4	8.73604E-05	0	0.006675267	0	0	0	0	0	6.64001E-10	1.30215E-07	1.30879E-07	0.130879057
371774.813772971.37	371774.81	3772971.4	8.67709E-05	0	0.006630221	0	0	0	0	0	6.59521E-10	1.29336E-07	1.29996E-07	0.129995861
371734.813772991.37	371734.81	3772991.4	0.000117957	0	0.009013163	0	0	0	0	0	8.96556E-10	1.75821E-07	1.76717E-07	0.17671717
371754.813772991.37	371754.81	3772991.4	0.000118004	0	0.009016732	0	0	0	0	0	8.96911E-10	1.7589E-07	1.76787E-07	0.176787143
371774.813772991.37	371774.81	3772991.4	0.000116934	0	0.008935003	0	0	0	0	0	8.88782E-10	1.74296E-07	1.75185E-07	0.175184719
371734.813773011.37	371734.81	3773011.4	0.000167538	0	0.012801726	0	0	0	0	0	1.27341E-09	2.49724E-07	2.50998E-07	0.250997883

371754.813773011.37	371754.81	3773011.4	0.000167133	0	0.012770725	0	0	0	0	0	0	1.27033E-09	2.4912E-07	2.5039E-07	0.250390055
371774.813773011.37	371774.81	3773011.4	0.000166312	0	0.012707977	0	0	0	0	0	0	1.26409E-09	2.47896E-07	2.4916E-07	0.249159777
371799.033772785.4€	371799.03	3772785.5	1.65283E-05	0	0.001262937	0	0	0	0	0	0	1.25627E-10	2.46362E-08	2.47619E-08	0.024761862
371819.033772785.4€	371819.03	3772785.5	1.63161E-05	0	0.001246726	0	0	0	0	0	0	1.24014E-10	2.432E-08	2.4444E-08	0.024444023
371839.033772785.4€	371839.03	3772785.5	1.6024E-05	0	0.001224408	0	0	0	0	0	0	1.21794E-10	2.38846E-08	2.40064E-08	0.024006429
371859.033772785.4€	371859.03	3772785.5	1.55286E-05	0	0.001186553	0	0	0	0	0	0	1.18029E-10	2.31462E-08	2.32642E-08	0.023264224
371879.033772785.4€	371879.03	3772785.5	1.49972E-05	0	0.001145946	0	0	0	0	0	0	1.13989E-10	2.23541E-08	2.24681E-08	0.022468059
371899.033772785.4€	371899.03	3772785.5	1.45968E-05	0	0.001115353	0	0	0	0	0	0	1.10946E-10	2.17573E-08	2.18682E-08	0.021868238
371919.033772785.4€	371919.03	3772785.5	1.40106E-05	0	0.001070555	0	0	0	0	0	0	1.0649E-10	2.08834E-08	2.09899E-08	0.020989916
371939.033772785.4€	371939.03	3772785.5	1.33813E-05	0	0.001022473	0	0	0	0	0	0	1.01707E-10	1.99455E-08	2.00472E-08	0.02004719
371799.033772805.4€	371799.03	3772805.5	1.86998E-05	0	0.001428863	0	0	0	0	0	0	1.42132E-10	2.7873E-08	2.80151E-08	0.028015101
371819.033772805.4€	371819.03	3772805.5	1.84321E-05	0	0.001408409	0	0	0	0	0	0	1.40097E-10	2.7474E-08	2.76141E-08	0.02761406
371839.033772805.4€	371839.03	3772805.5	1.80457E-05	0	0.001378881	0	0	0	0	0	0	1.3716E-10	2.6898E-08	2.70351E-08	0.027035126
371859.033772805.4€	371859.03	3772805.5	1.7429E-05	0	0.001331758	0	0	0	0	0	0	1.32472E-10	2.59787E-08	2.61112E-08	0.026111199
371879.033772805.4€	371879.03	3772805.5	1.68899E-05	0	0.001290565	0	0	0	0	0	0	1.28375E-10	2.51752E-08	2.53035E-08	0.025303547
371899.033772805.4€	371899.03	3772805.5	1.6552E-05	0	0.001264748	0	0	0	0	0	0	1.25807E-10	2.46716E-08	2.47974E-08	0.024797371
371919.033772805.4€	371919.03	3772805.5	1.57705E-05	0	0.001205036	0	0	0	0	0	0	1.19867E-10	2.35068E-08	2.36266E-08	0.023626623
371939.033772805.4€	371939.03	3772805.5	1.49935E-05	0	0.001145662	0	0	0	0	0	0	1.13961E-10	2.23485E-08	2.24625E-08	0.022462489
371799.033772825.4€	371799.03	3772825.5	2.13737E-05	0	0.001633177	0	0	0	0	0	0	1.62455E-10	3.18585E-08	3.2021E-08	0.032020988
371819.033772825.4€	371819.03	3772825.5	2.1043E-05	0	0.001607911	0	0	0	0	0	0	1.59942E-10	3.13657E-08	3.15256E-08	0.031525605
371839.033772825.4€	371839.03	3772825.5	2.07667E-05	0	0.001586799	0	0	0	0	0	0	1.57842E-10	3.09538E-08	3.11117E-08	0.031111683
371859.033772825.4€	371859.03	3772825.5	2.01807E-05	0	0.00154202	0	0	0	0	0	0	1.53388E-10	3.00803E-08	3.02337E-08	0.030233709
371879.033772825.4€	371879.03	3772825.5	1.92758E-05	0	0.001472879	0	0	0	0	0	0	1.4651E-10	2.87316E-08	2.88781E-08	0.028878105
371899.033772825.4€	371899.03	3772825.5	1.87358E-05	0	0.001431615	0	0	0	0	0	0	1.42405E-10	2.79267E-08	2.80691E-08	0.02806906
371919.033772825.4€	371919.03	3772825.5	1.78881E-05	0	0.001366843	0	0	0	0	0	0	1.35962E-10	2.66631E-08	2.67991E-08	0.026799096
371939.033772825.4€	371939.03	3772825.5	1.68515E-05	0	0.001287635	0	0	0	0	0	0	1.28084E-10	2.5118E-08	2.52461E-08	0.025246106
371799.033772845.4€	371799.03	3772845.5	2.46661E-05	0	0.001884756	0	0	0	0	0	0	1.8748E-10	3.67661E-08	3.69536E-08	0.036953587
371819.033772845.4€	371819.03	3772845.5	2.43006E-05	0	0.001856826	0	0	0	0	0	0	1.84702E-10	3.62213E-08	3.6406E-08	0.036405985
371839.033772845.4€	371839.03	3772845.5	2.39239E-05	0	0.001828044	0	0	0	0	0	0	1.81839E-10	3.56598E-08	3.58417E-08	0.035841672
371859.033772845.4€	371859.03	3772845.5	2.32547E-05	0	0.001776908	0	0	0	0	0	0	1.76752E-10	3.46623E-08	3.48391E-08	0.034839069
371879.033772845.4€	371879.03	3772845.5	2.22114E-05	0	0.001697186	0	0	0	0	0	0	1.68822E-10	3.31072E-08	3.3276E-08	0.033275983
371899.033772845.4€	371899.03	3772845.5	2.14371E-05	0	0.001638024	0	0	0	0	0	0	1.62937E-10	3.19531E-08	3.2116E-08	0.032116026
371919.033772845.4€	371919.03	3772845.5	2.03213E-05	0	0.001552762	0	0	0	0	0	0	1.54456E-10	3.02899E-08	3.04443E-08	0.030444325
371939.033772845.4€	371939.03	3772845.5	1.91171E-05	0	0.001460752	0	0	0	0	0	0	1.45304E-10	2.8495E-08	2.86403E-08	0.028640335
371799.033772865.4€	371799.03	3772865.5	2.87524E-05	0	0.002196988	0	0	0	0	0	0	2.18539E-10	4.28568E-08	4.30754E-08	0.043075385
371819.033772865.4€	371819.03	3772865.5	2.83934E-05	0	0.002169555	0	0	0	0	0	0	2.1581E-10	4.23217E-08	4.25375E-08	0.04253753
371839.033772865.4€	371839.03	3772865.5	2.76935E-05	0	0.002116076	0	0	0	0	0	0	2.1049E-10	4.12785E-08	4.1489E-08	0.041488974
371859.033772865.4€	371859.03	3772865.5	2.68137E-05	0	0.002048853	0	0	0	0	0	0	2.03803E-10	3.99672E-08	4.0171E-08	0.040170968
371879.033772865.4€	371879.03	3772865.5	2.57664E-05	0	0.001968828	0	0	0	0	0	0	1.95843E-10	3.84061E-08	3.8602E-08	0.038601964
371899.033772865.4€	371899.03	3772865.5	2.4576E-05	0	0.001877867	0	0	0	0	0	0	1.86795E-10	3.66317E-08	3.68185E-08	0.036818514
371919.033772865.4€	371919.03	3772865.5	2.31966E-05	0	0.001772469	0	0	0	0	0	0	1.76311E-10	3.45757E-08	3.4752E-08	0.034752037
371939.033772865.4€	371939.03	3772865.5	2.16818E-05	0	0.001656721	0	0	0	0	0	0	1.64797E-10	3.23178E-08	3.24826E-08	0.032482603
371799.033772885.4€	371799.03	3772885.5	3.40374E-05	0	0.002600821	0	0	0	0	0	0	2.58709E-10	5.07345E-08	5.09932E-08	0.050993165
371819.033772885.4€	371819.03	3772885.5	3.3714E-05	0	0.002576105	0	0	0	0	0	0	2.5625E-10	5.02523E-08	5.05086E-08	0.050508573
371839.033772885.4€	371839.03	3772885.5	3.27912E-05	0	0.002505598	0	0	0	0	0	0	2.49237E-10	4.88769E-08	4.91262E-08	0.049126165
371859.033772885.4€	371859.03	3772885.5	3.16784E-05	0	0.002420566	0	0	0	0	0	0	2.40778E-10	4.72182E-08	4.7459E-08	0.047458989
371879.033772885.4€	371879.03	3772885.5	3.03313E-05	0	0.002317637	0	0	0	0	0	0	2.3054E-10	4.52104E-08	4.54409E-08	0.045440902
371899.033772885.4€	371899.03	3772885.5	2.87061E-05	0	0.002193454	0	0	0	0	0	0	2.18187E-10	4.27879E-08	4.30061E-08	0.043006108
371919.033772885.4€	371919.03	3772885.5	2.69636E-05	0	0.002060305	0	0	0	0	0	0	2.04942E-10	4.01906E-08	4.03955E-08	0.04039551
371939.033772885.4€	371939.03	3772885.5	2.49647E-05	0	0.001907572	0	0	0	0	0	0	1.8975E-10	3.72112E-08	3.74009E-08	0.037400929
371799.033772905.4€	371799.03	3772905.5	4.08784E-05	0	0.003123545	0	0	0	0	0	0	3.10705E-10	6.09313E-08	6.1242E-08	0.061241998
371819.033772905.4€	371819.03	3772905.5	4.05777E-05	0	0.00310057	0	0	0	0	0	0	3.0842E-10	6.04831E-08	6.07915E-08	0.060791523
371839.033772905.4€	371839.03	3772905.5	3.91714E-05	0	0.002993113	0	0	0	0	0	0	2.97731E-10	5.83869E-08	5.86847E-08	0.058684663
371859.033772905.4€	371859.03	3772905.5	3.78831E-05	0	0.002894676	0	0	0	0	0	0	2.87939E-10	5.64667E-08	5.67547E-08	0.056754652
371879.033772905.4€	371879.03	3772905.5	3.60147E-05	0	0.002751903	0	0	0	0	0	0	2.73737E-10	5.36816E-08	5.39554E-08	0.05395537
371899.033772905.4€	371899.03	3772905.5	3.40709E-05	0	0.002603378	0	0	0	0	0	0	2.58963E-10	5.07843E-08	5.10433E-08	0.051043295
371919.033772905.4€	371919.03	3772905.5	3.16431E-05	0	0.002417867	0	0	0	0	0	0	2.4051E-10	4.71656E-08	4.74061E-08	0.047406073
371939.033772905.4€	371939.03	3772905.5	2.93721E-05	0	0.002244342	0	0	0	0	0	0	2.23249E-10	4.37806E-08	4.40038E-08	0.044003837
371799.033772925.4€	371799.03	3772925.5	4.99855E-05	0	0.003819423	0	0	0	0	0	0	3.79925E-10	7.45058E-08	7.48858E-08	0.074885756
371819.033772925.4€	371819.03	3772925.5	4.91715E-05	0	0.003757225	0	0	0	0	0	0	3.73738E-10	7.32925E-08	7.36663E-08	0.073666271
371839.033772925.4€	371839.03	3772925.5	4.76699E-05	0	0.003642488	0	0	0	0	0	0	3.62325E-10	7.10544E-08	7.14167E-08	0.07141668
371859.033772925.4€	371859.03	3772925.5	4.56076E-05	0	0.003484907	0	0	0	0	0	0	3.4665E-10	6.79804E-08	6.83271E-08	0.06832706
371879.033772925.4€	371879.03	3772925.5	4.35277E-05	0	0.003325977	0	0	0	0	0	0	3.30841E-10	6.48801E-08	6.5211E-08	0.065210984
371899.033772925.4€	371899.03	3772925.5	4.09314E-05	0	0.003127594	0	0	0	0	0	0	3.11108E-10	6.10103E-08	6.13214E-08	0.06132137
371919.033772925.4€	371919.03	3772925.5	3.77035E-05	0	0.002880951	0	0	0	0	0	0	2.86574E-10	5.6199E-08	5.64856E-08	0.056485551
371939.033772925.4€	371939.03	3772925.5	3.47617E-05	0	0.002656165	0	0	0	0	0	0	2.64214E-10	5.18141E-08	5.20783E-08	0.052078274
371799.033772945.4€	371799.03	3772945.5	6.22667E-05	0	0.004757841	0	0	0	0	0	0	4.73271E-10	9.28116E-08	9.32849E-08	0.093284918
371819.033772945.4€	371819.03	3772945.5	6.10533E-05	0	0.004665121	0	0	0	0	0	0	4.64048E-10	9.1003E-08	9.1467E-08	0.091467003
371839.033772945.4€	371839.03	3772945.5	5.92503E-05	0	0.004527356	0	0	0	0	0	0	4.50345E-10	8.83155E-08	8.87659E-08	0.088765893
371859.033772945.4€	371859.03	3772945.5	5.65962E-05	0	0.004324551	0	0	0	0	0	0	4.30171E-10	8.43594E-08	8.47896E-08	0.084789596
371879.033772945.4€	371879.03	3772945.5	5.37717E-05	0	0.004108732	0	0	0	0	0	0	4.08703E-10	8.01494E-08	8.05581E-08	0.080558123

371899.033772945.4€	371899.03	3772945.5	5.03531E-05	0	0.003847512	0	0	0	0	0	0	3.82719E-10	7.50538E-08	7.54365E-08	0.075436492
371919.033772945.4€	371919.03	3772945.5	4.63751E-05	0	0.003543554	0	0	0	0	0	0	3.52484E-10	6.91244E-08	6.94769E-08	0.069476921
371939.033772945.4€	371939.03	3772945.5	4.22071E-05	0	0.003225072	0	0	0	0	0	0	3.20804E-10	6.29118E-08	6.32326E-08	0.063232583
371799.033772965.4€	371799.03	3772965.5	7.97856E-05	0	0.00609647	0	0	0	0	0	0	6.06427E-10	1.18924E-07	1.19531E-07	0.119530842
371819.033772965.4€	371819.03	3772965.5	7.809E-05	0	0.005966908	0	0	0	0	0	0	5.9354E-10	1.16397E-07	1.16991E-07	0.116990565
371839.033772965.4€	371839.03	3772965.5	7.56785E-05	0	0.00578264	0	0	0	0	0	0	5.7521E-10	1.12803E-07	1.13378E-07	0.113377713
371859.033772965.4€	371859.03	3772965.5	7.24057E-05	0	0.005532571	0	0	0	0	0	0	5.50335E-10	1.07924E-07	1.08475E-07	0.108474704
371879.033772965.4€	371879.03	3772965.5	6.8534E-05	0	0.005236727	0	0	0	0	0	0	5.20907E-10	1.02153E-07	1.02674E-07	0.102674227
371899.033772965.4€	371899.03	3772965.5	6.41731E-05	0	0.004903508	0	0	0	0	0	0	4.87761E-10	9.56532E-08	9.61409E-08	0.096140944
371919.033772965.4€	371919.03	3772965.5	5.88939E-05	0	0.004500119	0	0	0	0	0	0	4.47635E-10	8.77842E-08	8.82319E-08	0.088231867
371939.033772965.4€	371939.03	3772965.5	5.30567E-05	0	0.004054098	0	0	0	0	0	0	4.03269E-10	7.90837E-08	7.94869E-08	0.079486939
371799.033772985.4€	371799.03	3772985.5	0.000105457	0	0.008058037	0	0	0	0	0	0	8.01548E-10	1.57189E-07	1.5799E-07	0.157990422
371819.033772985.4€	371819.03	3772985.5	0.000103282	0	0.007891844	0	0	0	0	0	0	7.85017E-10	1.53947E-07	1.54732E-07	0.154731962
371839.033772985.4€	371839.03	3772985.5	9.98022E-05	0	0.007625954	0	0	0	0	0	0	7.58568E-10	1.4876E-07	1.49519E-07	0.149518773
371859.033772985.4€	371859.03	3772985.5	9.66801E-05	0	0.00738739	0	0	0	0	0	0	7.34838E-10	1.44107E-07	1.44841E-07	0.144841351
371879.033772985.4€	371879.03	3772985.5	9.13581E-05	0	0.006980734	0	0	0	0	0	0	6.94387E-10	1.36174E-07	1.36868E-07	0.136868218
371899.033772985.4€	371899.03	3772985.5	8.49045E-05	0	0.006487608	0	0	0	0	0	0	6.45335E-10	1.26554E-07	1.272E-07	0.127199712
371919.033772985.4€	371919.03	3772985.5	7.77902E-05	0	0.005944003	0	0	0	0	0	0	5.91261E-10	1.1595E-07	1.16541E-07	0.116541483
371939.033772985.4€	371939.03	3772985.5	6.96394E-05	0	0.00532119	0	0	0	0	0	0	5.29309E-10	1.03801E-07	1.0433E-07	0.104330263
371799.033773005.4€	371799.03	3773005.5	0.000146641	0	0.011204931	0	0	0	0	0	0	1.11458E-09	2.18576E-07	2.1969E-07	0.219690206
371819.033773005.4€	371819.03	3773005.5	0.000143589	0	0.010971711	0	0	0	0	0	0	1.09138E-09	2.14026E-07	2.15118E-07	0.215117569
371839.033773005.4€	371839.03	3773005.5	0.000139602	0	0.010667061	0	0	0	0	0	0	1.06107E-09	2.08083E-07	2.09144E-07	0.209144421
371859.033773005.4€	371859.03	3773005.5	0.000137296	0	0.010490908	0	0	0	0	0	0	1.04355E-09	2.04647E-07	2.05691E-07	0.205690662
371879.033773005.4€	371879.03	3773005.5	0.000131357	0	0.010037092	0	0	0	0	0	0	9.98409E-10	1.95794E-07	1.96793E-07	0.196792907
371899.033773005.4€	371899.03	3773005.5	0.00012383	0	0.009461918	0	0	0	0	0	0	9.41195E-10	1.84575E-07	1.85516E-07	0.18551571
371919.033773005.4€	371919.03	3773005.5	0.00011195	0	0.008554181	0	0	0	0	0	0	8.50901E-10	1.66867E-07	1.67718E-07	0.16771811
371939.033773005.4€	371939.03	3773005.5	9.79526E-05	0	0.00748462	0	0	0	0	0	0	7.44509E-10	1.46003E-07	1.46748E-07	0.146747689
371437.183772897.5	371437.18	3772897.5	1.67095E-05	0	0.001276787	0	0	0	0	0	0	1.27004E-10	2.49064E-08	2.50334E-08	0.025033401
371437.183772917.5	371437.18	3772917.5	1.8179E-05	0	0.001389073	0	0	0	0	0	0	1.38174E-10	2.70968E-08	2.7235E-08	0.02723495
371437.183772937.5	371437.18	3772937.5	1.96915E-05	0	0.001504644	0	0	0	0	0	0	1.4967E-10	2.93512E-08	2.95009E-08	0.029500903
371437.183772957.5	371437.18	3772957.5	2.15893E-05	0	0.001649654	0	0	0	0	0	0	1.64094E-10	3.218E-08	3.2344E-08	0.032344049
371457.183772897.5	371457.18	3772897.5	1.8268E-05	0	0.001395873	0	0	0	0	0	0	1.3885E-10	2.72294E-08	2.73683E-08	0.027368283
371457.183772917.5	371457.18	3772917.5	2.01161E-05	0	0.001537084	0	0	0	0	0	0	1.52897E-10	2.9984E-08	3.01369E-08	0.03013693
371457.183772937.5	371457.18	3772937.5	2.19813E-05	0	0.001679608	0	0	0	0	0	0	1.67074E-10	3.27643E-08	3.29313E-08	0.032931338
371477.183772897.5	371477.18	3772897.5	1.97666E-05	0	0.001510379	0	0	0	0	0	0	1.5024E-10	2.94631E-08	2.96133E-08	0.029613348
371477.183772917.5	371477.18	3772917.5	2.20113E-05	0	0.001681898	0	0	0	0	0	0	1.67302E-10	3.28089E-08	3.29762E-08	0.032976246
371477.183772937.5	371477.18	3772937.5	2.46371E-05	0	0.001882536	0	0	0	0	0	0	1.87259E-10	3.67228E-08	3.69101E-08	0.036910071
371497.183772877.5	371497.18	3772877.5	1.9155E-05	0	0.001463646	0	0	0	0	0	0	1.45592E-10	2.85515E-08	2.86971E-08	0.02869708
371497.183772897.5	371497.18	3772897.5	2.15187E-05	0	0.001644256	0	0	0	0	0	0	1.63557E-10	3.20747E-08	3.22382E-08	0.032238219
371497.183772917.5	371497.18	3772917.5	2.4227E-05	0	0.001851198	0	0	0	0	0	0	1.84142E-10	3.61115E-08	3.62956E-08	0.036295629
371497.183772937.5	371497.18	3772937.5	2.72248E-05	0	0.002080263	0	0	0	0	0	0	2.06928E-10	4.05799E-08	4.07868E-08	0.040786804
371517.183772877.5	371517.18	3772877.5	2.06596E-05	0	0.001578614	0	0	0	0	0	0	1.57028E-10	3.07942E-08	3.09512E-08	0.030951196
371517.183772897.5	371517.18	3772897.5	2.31987E-05	0	0.001772629	0	0	0	0	0	0	1.76327E-10	3.45788E-08	3.47552E-08	0.034755171
371517.183772917.5	371517.18	3772917.5	2.62765E-05	0	0.002007802	0	0	0	0	0	0	1.9972E-10	3.91664E-08	3.93661E-08	0.039366101
371537.183772857.5	371537.18	3772857.5	1.95163E-05	0	0.001491256	0	0	0	0	0	0	1.48338E-10	2.90901E-08	2.92384E-08	0.029238416
371537.183772877.5	371537.18	3772877.5	2.20397E-05	0	0.001684064	0	0	0	0	0	0	1.67517E-10	3.28512E-08	3.30187E-08	0.033018717
371537.183772897.5	371537.18	3772897.5	2.51181E-05	0	0.00191929	0	0	0	0	0	0	1.90915E-10	3.74398E-08	3.76307E-08	0.037630692
371537.183772917.5	371537.18	3772917.5	2.91277E-05	0	0.002225663	0	0	0	0	0	0	2.21391E-10	4.34162E-08	4.36376E-08	0.043637608
371557.183772857.5	371557.18	3772857.5	2.07811E-05	0	0.0015879	0	0	0	0	0	0	1.57951E-10	3.09753E-08	3.11333E-08	0.031133266
371557.183772877.5	371557.18	3772877.5	2.36653E-05	0	0.001808282	0	0	0	0	0	0	1.79873E-10	3.52743E-08	3.54542E-08	0.035454208
371557.183772897.5	371557.18	3772897.5	2.71713E-05	0	0.002076179	0	0	0	0	0	0	2.06521E-10	4.05002E-08	4.07067E-08	0.040706735
371557.183772917.5	371557.18	3772917.5	3.2161E-05	0	0.002457445	0	0	0	0	0	0	2.44447E-10	4.79376E-08	4.8182E-08	0.048182047
371577.183772837.5	371577.18	3772837.5	1.92449E-05	0	0.001470518	0	0	0	0	0	0	1.46275E-10	2.86855E-08	2.88318E-08	0.028831805
371577.183772857.5	371577.18	3772857.5	2.20754E-05	0	0.001686799	0	0	0	0	0	0	1.67789E-10	3.29045E-08	3.30723E-08	0.033072329
371577.183772877.5	371577.18	3772877.5	2.51876E-05	0	0.001924599	0	0	0	0	0	0	1.91444E-10	3.75433E-08	3.77348E-08	0.037734782
371577.183772897.5	371577.18	3772897.5	2.93261E-05	0	0.002240826	0	0	0	0	0	0	2.22899E-10	4.3712E-08	4.39349E-08	0.043934908
371597.183772837.5	371597.18	3772837.5	2.03069E-05	0	0.001551661	0	0	0	0	0	0	1.54347E-10	3.02684E-08	3.04227E-08	0.030422741
371597.183772857.5	371597.18	3772857.5	2.32217E-05	0	0.001774387	0	0	0	0	0	0	1.76502E-10	3.46131E-08	3.47896E-08	0.034789635
371597.183772877.5	371597.18	3772877.5	2.66843E-05	0	0.002038963	0	0	0	0	0	0	2.0282E-10	3.97742E-08	3.99771E-08	0.039977062
371597.183772897.5	371597.18	3772897.5	3.15513E-05	0	0.002410854	0	0	0	0	0	0	2.39812E-10	4.70288E-08	4.72686E-08	0.047268564
371617.183772817.5	371617.18	3772817.5	1.84895E-05	0	0.001412794	0	0	0	0	0	0	1.40533E-10	2.75595E-08	2.77E-08	0.027700047
371617.183772837.5	371617.18	3772837.5	2.10902E-05	0	0.001611515	0	0	0	0	0	0	1.603E-10	3.1436E-08	3.15963E-08	0.031596274
371617.183772857.5	371617.18	3772857.5	2.43025E-05	0	0.001856968	0	0	0	0	0	0	1.84716E-10	3.62241E-08	3.64088E-08	0.03640877
371617.183772877.5	371617.18	3772877.5	2.80739E-05	0	0.002145141	0	0	0	0	0	0	2.13381E-10	4.18455E-08	4.20589E-08	0.042058856
371617.183772897.5	371617.18	3772897.5	3.36043E-05	0	0.002567725	0	0	0	0	0	0	2.55416E-10	5.00888E-08	5.03443E-08	0.050344258
371637.183772817.5	371637.18	3772817.5	1.91548E-05	0	0.001463629	0	0	0	0	0	0	1.4559E-10	2.85511E-08	2.86967E-08	0.028696732
371637.183772837.5	371637.18	3772837.5	2.19067E-05	0	0.001673908	0	0	0	0	0	0	1.66507E-10	3.26531E-08	3.28196E-08	0.032819589
371637.183772857.5	371637.18	3772857.5	2.49099E-05	0	0.001903381	0	0	0	0	0	0	1.89333E-10	3.71294E-08	3.73188E-08	0.037318771
371637.183772877.5	371637.18	3772877.5	2.93984E-05	0	0.002246348	0	0	0	0	0	0	2.23449E-10	4.38197E-08	4.40432E-08	0.044043175
371657.183772797.5	371657.18	3772797.5	1.73246E-05	0	0.001323786	0	0	0	0	0	0	1.31679E-10	2.58232E-08	2.59549E-08	0.025954891
371657.183772817.5	371657.18	3772817.5	1.96997E-05	0	0.001505266	0	0	0	0	0	0	1.49732E-10	2.93634E-08	2.95131E-08	0.029513088

371657.183772837.5	371657.18	3772837.5	2.24635E-05	0	0.001716451	0	0	0	0	0	0	1.70739E-10	3.3483E-08	3.36537E-08	0.033653699
371657.183772857.5	371657.18	3772857.5	2.61182E-05	0	0.00199571	0	0	0	0	0	0	1.98517E-10	3.89305E-08	3.9129E-08	0.039129027
371657.183772877.5	371657.18	3772877.5	3.06364E-05	0	0.00234095	0	0	0	0	0	0	2.32859E-10	4.56651E-08	4.5898E-08	0.045897991
371677.183772777.5	371677.18	3772777.5	1.56265E-05	0	0.001194028	0	0	0	0	0	0	1.18772E-10	2.3292E-08	2.34108E-08	0.023410785
371677.183772797.5	371677.18	3772797.5	1.76966E-05	0	0.001352212	0	0	0	0	0	0	1.34507E-10	2.63777E-08	2.65122E-08	0.02651224
371677.183772817.5	371677.18	3772817.5	2.02007E-05	0	0.001543547	0	0	0	0	0	0	1.5354E-10	3.01101E-08	3.02636E-08	0.030263647
371677.183772837.5	371677.18	3772837.5	2.31829E-05	0	0.001771422	0	0	0	0	0	0	1.76207E-10	3.45553E-08	3.47315E-08	0.034731498
371677.183772857.5	371677.18	3772857.5	2.67802E-05	0	0.002046296	0	0	0	0	0	0	2.03549E-10	3.99173E-08	4.01208E-08	0.040120838
371697.183772777.5	371697.18	3772777.5	1.59083E-05	0	0.001215565	0	0	0	0	0	0	1.20915E-10	2.37121E-08	2.38331E-08	0.023833062
371697.183772797.5	371697.18	3772797.5	1.79497E-05	0	0.001371548	0	0	0	0	0	0	1.36431E-10	2.67549E-08	2.68913E-08	0.02689135
371697.183772817.5	371697.18	3772817.5	2.03561E-05	0	0.001555425	0	0	0	0	0	0	1.54721E-10	3.03418E-08	3.04965E-08	0.030496544
371697.183772837.5	371697.18	3772837.5	2.33667E-05	0	0.001785467	0	0	0	0	0	0	1.77604E-10	3.48293E-08	3.50069E-08	0.035006866
371697.183772857.5	371697.18	3772857.5	2.73163E-05	0	0.002087258	0	0	0	0	0	0	2.07624E-10	4.07163E-08	4.0924E-08	0.040923965
371717.183772757.5	371717.18	3772757.5	1.43719E-05	0	0.001098165	0	0	0	0	0	0	1.09237E-10	2.1422E-08	2.15313E-08	0.021531252
371717.183772777.5	371717.18	3772777.5	1.60547E-05	0	0.001226751	0	0	0	0	0	0	1.22027E-10	2.39304E-08	2.40524E-08	0.024052381
371717.183772797.5	371717.18	3772797.5	1.80299E-05	0	0.001377674	0	0	0	0	0	0	1.3704E-10	2.68744E-08	2.70115E-08	0.027011453
371717.183772817.5	371717.18	3772817.5	2.0568E-05	0	0.001571618	0	0	0	0	0	0	1.56332E-10	3.06577E-08	3.0814E-08	0.030814035
371717.183772837.5	371717.18	3772837.5	2.37757E-05	0	0.001816716	0	0	0	0	0	0	1.80712E-10	3.54389E-08	3.56196E-08	0.035619568
371717.183772857.5	371717.18	3772857.5	2.76512E-05	0	0.002112844	0	0	0	0	0	0	2.10169E-10	4.12154E-08	4.14256E-08	0.041425615
371737.183772737.5	371737.18	3772737.5	1.2845E-05	0	0.000981493	0	0	0	0	0	0	9.7631E-11	1.91461E-08	1.92437E-08	0.019243715
371737.183772757.5	371737.18	3772757.5	1.43591E-05	0	0.001097189	0	0	0	0	0	0	1.09139E-10	2.1403E-08	2.15121E-08	0.021512105
371737.183772777.5	371737.18	3772777.5	1.60905E-05	0	0.001229486	0	0	0	0	0	0	1.22299E-10	2.39837E-08	2.4106E-08	0.024105993
371737.183772797.5	371737.18	3772797.5	1.81746E-05	0	0.001388736	0	0	0	0	0	0	1.3814E-10	2.70902E-08	2.72283E-08	0.027228336
371737.183772817.5	371737.18	3772817.5	2.06773E-05	0	0.001579963	0	0	0	0	0	0	1.57162E-10	3.08205E-08	3.09777E-08	0.030977654
371737.183772837.5	371737.18	3772837.5	2.37834E-05	0	0.001817302	0	0	0	0	0	0	1.80771E-10	3.54503E-08	3.56311E-08	0.035631056
371757.183772737.5	371757.18	3772737.5	1.28482E-05	0	0.000981742	0	0	0	0	0	0	9.76557E-11	1.91509E-08	1.92486E-08	0.019248589
371757.183772757.5	371757.18	3772757.5	1.43145E-05	0	0.00109378	0	0	0	0	0	0	1.088E-10	2.13365E-08	2.14453E-08	0.021445265
371757.183772777.5	371757.18	3772777.5	1.60868E-05	0	0.001229202	0	0	0	0	0	0	1.22271E-10	2.39782E-08	2.41004E-08	0.024100423
371757.183772797.5	371757.18	3772797.5	1.81646E-05	0	0.001387972	0	0	0	0	0	0	1.38064E-10	2.70753E-08	2.72134E-08	0.027213366
371757.183772817.5	371757.18	3772817.5	2.06206E-05	0	0.001575631	0	0	0	0	0	0	1.56731E-10	3.0736E-08	3.08927E-08	0.030892711
371757.183772837.5	371757.18	3772837.5	2.37341E-05	0	0.001813538	0	0	0	0	0	0	1.80396E-10	3.53769E-08	3.55573E-08	0.035557253
371268.763772892.7	371268.76	3772892.7	8.5122E-06	0	0.000650423	0	0	0	0	0	0	6.46988E-11	1.26879E-08	1.27526E-08	0.012752556
371268.763772912.7	371268.76	3772912.7	8.82753E-06	0	0.000674517	0	0	0	0	0	0	6.70955E-11	1.31579E-08	1.3225E-08	0.013224963
371268.763772932.7	371268.76	3772932.7	9.03619E-06	0	0.000690462	0	0	0	0	0	0	6.86815E-11	1.34689E-08	1.35376E-08	0.01353758
371268.763772952.7	371268.76	3772952.7	9.09289E-06	0	0.000694794	0	0	0	0	0	0	6.91125E-11	1.35534E-08	1.36225E-08	0.013622523
371268.763772972.7	371268.76	3772972.7	9.08081E-06	0	0.000693871	0	0	0	0	0	0	6.90206E-11	1.35354E-08	1.36044E-08	0.01360442
371268.763772992.7	371268.76	3772992.7	8.97578E-06	0	0.000685845	0	0	0	0	0	0	6.82223E-11	1.33788E-08	1.34471E-08	0.013447067
371268.763773012.7	371268.76	3773012.7	8.7929E-06	0	0.000671871	0	0	0	0	0	0	6.68323E-11	1.31063E-08	1.31731E-08	0.013173092
371268.763773032.7	371268.76	3773032.7	8.21267E-06	0	0.000627536	0	0	0	0	0	0	6.24222E-11	1.22414E-08	1.23038E-08	0.012303821
371268.763773052.7	371268.76	3773052.7	7.79534E-06	0	0.000595647	0	0	0	0	0	0	5.92501E-11	1.16193E-08	1.16786E-08	0.011678587
371268.763773072.7	371268.76	3773072.7	7.41425E-06	0	0.000566528	0	0	0	0	0	0	5.63536E-11	1.10513E-08	1.11077E-08	0.01110766
371288.763772772.7	371288.76	3772772.7	6.81334E-06	0	0.000520612	0	0	0	0	0	0	5.17862E-11	1.01556E-08	1.02074E-08	0.010207406
371288.763772792.7	371288.76	3772792.7	7.19233E-06	0	0.000549571	0	0	0	0	0	0	5.46669E-11	1.07205E-08	1.07752E-08	0.010775199
371288.763772812.7	371288.76	3772812.7	7.57784E-06	0	0.000579028	0	0	0	0	0	0	5.7597E-11	1.12951E-08	1.13527E-08	0.011352741
371288.763772832.7	371288.76	3772832.7	7.98309E-06	0	0.000609993	0	0	0	0	0	0	6.06772E-11	1.18992E-08	1.19599E-08	0.011959873
371288.763772852.7	371288.76	3772852.7	8.38556E-06	0	0.000640746	0	0	0	0	0	0	6.37362E-11	1.24991E-08	1.25628E-08	0.012562827
371288.763772912.7	371288.76	3772912.7	9.54044E-06	0	0.000728991	0	0	0	0	0	0	7.25141E-11	1.42205E-08	1.4293E-08	0.014293014
371288.763772932.7	371288.76	3772932.7	9.71797E-06	0	0.000742556	0	0	0	0	0	0	7.38635E-11	1.44851E-08	1.4559E-08	0.014558982
371288.763772952.7	371288.76	3772952.7	9.99263E-06	0	0.000763544	0	0	0	0	0	0	7.59511E-11	1.48945E-08	1.49705E-08	0.014970467
371288.763772972.7	371288.76	3772972.7	9.96242E-06	0	0.000761235	0	0	0	0	0	0	7.57215E-11	1.48495E-08	1.49252E-08	0.014925211
371288.763772992.7	371288.76	3772992.7	9.82649E-06	0	0.000750848	0	0	0	0	0	0	7.46883E-11	1.46469E-08	1.47216E-08	0.014721557
371288.763773012.7	371288.76	3773012.7	9.94871E-06	0	0.000760188	0	0	0	0	0	0	7.56173E-11	1.48291E-08	1.49047E-08	0.014904671
371288.763773032.7	371288.76	3773032.7	9.51139E-06	0	0.000726772	0	0	0	0	0	0	7.22934E-11	1.41772E-08	1.42495E-08	0.014249498
371288.763773052.7	371288.76	3773052.7	8.6091E-06	0	0.000657827	0	0	0	0	0	0	6.54353E-11	1.28323E-08	1.28977E-08	0.012897724
371288.763773072.7	371288.76	3773072.7	8.33513E-06	0	0.000636893	0	0	0	0	0	0	6.3353E-11	1.24239E-08	1.24873E-08	0.012487284
371308.763772712.7	371308.76	3772712.7	6.0593E-06	0	0.000462995	0	0	0	0	0	0	4.6055E-11	9.03168E-09	9.07774E-09	0.009077737
371308.763772732.7	371308.76	3772732.7	6.41087E-06	0	0.000489859	0	0	0	0	0	0	4.87272E-11	9.55572E-09	9.60445E-09	0.009604451
371308.763772752.7	371308.76	3772752.7	6.78359E-06	0	0.000518339	0	0	0	0	0	0	5.15602E-11	1.01113E-08	1.01628E-08	0.010162846
371308.763772772.7	371308.76	3772772.7	7.16329E-06	0	0.000547352	0	0	0	0	0	0	5.44461E-11	1.06772E-08	1.07317E-08	0.010731684
371308.763772792.7	371308.76	3772792.7	7.5618E-06	0	0.000577802	0	0	0	0	0	0	5.74751E-11	1.12712E-08	1.13287E-08	0.01132872
371308.763772812.7	371308.76	3772812.7	7.91106E-06	0	0.000604489	0	0	0	0	0	0	6.01297E-11	1.17918E-08	1.1852E-08	0.011851954
371308.763772832.7	371308.76	3772832.7	8.52056E-06	0	0.000651062	0	0	0	0	0	0	6.47624E-11	1.27003E-08	1.27651E-08	0.012765088
371308.763772852.7	371308.76	3772852.7	8.95672E-06	0	0.000684389	0	0	0	0	0	0	6.80775E-11	1.33504E-08	1.34185E-08	0.013418521
371308.763772912.7	371308.76	3772912.7	1.02891E-05	0	0.0007862	0	0	0	0	0	0	7.82048E-11	1.53365E-08	1.54147E-08	0.015414676
371308.763772932.7	371308.76	3772932.7	1.06528E-05	0	0.000813987	0	0	0	0	0	0	8.09689E-11	1.58785E-08	1.59595E-08	0.015959494
371308.763772952.7	371308.76	3772952.7	1.09012E-05	0	0.000832968	0	0	0	0	0	0	8.28569E-11	1.62488E-08	1.63316E-08	0.01633164
371308.763772972.7	371308.76	3772972.7	1.10576E-05	0	0.000844917	0	0	0	0	0	0	8.40455E-11	1.64819E-08	1.65659E-08	0.016565929
371308.763772992.7	371308.76	3772992.7	1.11761E-05	0	0.000853973	0	0	0	0	0	0	8.49463E-11	1.66585E-08	1.67435E-08	0.016743474
371308.763773012.7	371308.76	3773012.7	1.127E-05	0	0.000861146	0	0	0	0	0	0	8.56598E-11	1.67985E-08	1.68841E-08	0.016884116
371308.763773032.7	371308.76	3773032.7	1.10548E-05	0	0.000844704	0	0	0	0	0	0	8.40243E-11	1.64777E-08	1.65618E-08	0.016561752
371308.763773052.7	371308.76	3773052.7	9.81371E-06	0	0.000749872	0	0	0	0	0	0	7.45912E-11	1.46278E-08	1.47024E-08	0.01470241

371308.763773072.7	371308.76	3773072.7	9.34153E-06	0	0.000713792	0	0	0	0	0	7.10023E-11	1.3924E-08	1.3995E-08	0.013995018
371328.763772712.7	371328.76	3772712.7	6.33326E-06	0	0.000483929	0	0	0	0	0	4.81373E-11	9.44004E-09	9.48818E-09	0.009488177
371328.763772732.7	371328.76	3772732.7	6.72341E-06	0	0.00051374	0	0	0	0	0	5.11027E-11	1.00216E-08	1.00727E-08	0.010072681
371328.763772752.7	371328.76	3772752.7	7.12193E-06	0	0.000544191	0	0	0	0	0	5.41317E-11	1.06156E-08	1.06697E-08	0.010669717
371328.763772772.7	371328.76	3772772.7	7.55646E-06	0	0.000577394	0	0	0	0	0	5.74345E-11	1.12633E-08	1.13207E-08	0.011320713
371328.763772792.7	371328.76	3772792.7	8.00819E-06	0	0.000611911	0	0	0	0	0	6.08679E-11	1.19366E-08	1.19975E-08	0.01199747
371328.763772812.7	371328.76	3772812.7	8.48153E-06	0	0.000648079	0	0	0	0	0	6.44656E-11	1.26421E-08	1.27066E-08	0.012706603
371328.763772832.7	371328.76	3772832.7	8.99855E-06	0	0.000687585	0	0	0	0	0	6.83954E-11	1.34128E-08	1.34812E-08	0.013481184
371328.763772852.7	371328.76	3772852.7	9.54276E-06	0	0.000729169	0	0	0	0	0	7.25318E-11	1.4224E-08	1.42965E-08	0.014296495
371328.763772872.7	371328.76	3772872.7	1.00816E-05	0	0.000770344	0	0	0	0	0	7.66276E-11	1.50272E-08	1.51038E-08	0.0151038
371328.763772932.7	371328.76	3772932.7	1.16871E-05	0	0.000893017	0	0	0	0	0	8.88301E-11	1.74202E-08	1.7509E-08	0.017509003
371328.763772952.7	371328.76	3772952.7	1.20196E-05	0	0.000918426	0	0	0	0	0	9.13575E-11	1.79158E-08	1.80072E-08	0.018007171
371328.763772972.7	371328.76	3772972.7	1.23691E-05	0	0.00094513	0	0	0	0	0	9.40139E-11	1.84367E-08	1.85308E-08	0.018530753
371328.763772992.7	371328.76	3772992.7	1.24902E-05	0	0.000954381	0	0	0	0	0	9.49341E-11	1.86172E-08	1.87121E-08	0.018712127
371328.763773012.7	371328.76	3773012.7	1.27279E-05	0	0.000972545	0	0	0	0	0	9.67409E-11	1.89715E-08	1.90683E-08	0.01906826
371328.763773032.7	371328.76	3773032.7	1.23417E-05	0	0.000943035	0	0	0	0	0	9.38055E-11	1.83959E-08	1.84897E-08	0.018489674
371328.763773052.7	371328.76	3773052.7	1.16541E-05	0	0.000890496	0	0	0	0	0	8.85793E-11	1.7371E-08	1.74596E-08	0.017459569
371328.763773072.7	371328.76	3773072.7	1.07595E-05	0	0.000822137	0	0	0	0	0	8.17795E-11	1.60375E-08	1.61193E-08	0.016119283
371348.763772712.7	371348.76	3772712.7	6.62791E-06	0	0.000506443	0	0	0	0	0	5.03768E-11	9.87922E-09	9.9296E-09	0.009929601
371348.763772732.7	371348.76	3772732.7	7.03107E-06	0	0.000537249	0	0	0	0	0	5.34411E-11	1.04802E-08	1.05336E-08	0.0105336
371348.763772752.7	371348.76	3772752.7	7.45398E-06	0	0.000569564	0	0	0	0	0	5.66556E-11	1.11105E-08	1.11672E-08	0.011167189
371348.763772772.7	371348.76	3772772.7	7.95102E-06	0	0.000607543	0	0	0	0	0	6.04335E-11	1.18514E-08	1.19118E-08	0.011911831
371348.763772792.7	371348.76	3772792.7	8.43505E-06	0	0.000644528	0	0	0	0	0	6.41124E-11	1.25729E-08	1.2637E-08	0.012636978
371348.763772812.7	371348.76	3772812.7	9.02829E-06	0	0.000689858	0	0	0	0	0	6.86215E-11	1.34571E-08	1.35257E-08	0.013525744
371348.763772832.7	371348.76	3772832.7	9.57227E-06	0	0.000731424	0	0	0	0	0	7.27561E-11	1.4268E-08	1.43407E-08	0.014340707
371348.763772852.7	371348.76	3772852.7	1.02004E-05	0	0.000779417	0	0	0	0	0	7.75301E-11	1.52042E-08	1.52817E-08	0.015281692
371348.763772872.7	371348.76	3772872.7	1.07883E-05	0	0.000824339	0	0	0	0	0	8.19985E-11	1.60805E-08	1.61625E-08	0.016162451
371348.763772892.7	371348.76	3772892.7	1.14526E-05	0	0.000875102	0	0	0	0	0	8.70481E-11	1.70707E-08	1.71577E-08	0.017157744
371348.763772952.7	371348.76	3772952.7	1.33364E-05	0	0.001019047	0	0	0	0	0	1.01366E-10	1.98786E-08	1.998E-08	0.019980002
371348.763772972.7	371348.76	3772972.7	1.38435E-05	0	0.001057789	0	0	0	0	0	1.0522E-10	2.06344E-08	2.07396E-08	0.020739613
371348.763772992.7	371348.76	3772992.7	1.41841E-05	0	0.001083819	0	0	0	0	0	1.0781E-10	2.11422E-08	2.125E-08	0.021249966
371348.763773012.7	371348.76	3773012.7	1.41267E-05	0	0.001079433	0	0	0	0	0	1.07373E-10	2.10566E-08	2.1164E-08	0.021163979
371348.763773032.7	371348.76	3773032.7	1.39536E-05	0	0.001066205	0	0	0	0	0	1.06057E-10	2.07986E-08	2.09046E-08	0.020904625
371348.763773052.7	371348.76	3773052.7	1.37526E-05	0	0.001050847	0	0	0	0	0	1.0453E-10	2.0499E-08	2.06035E-08	0.020603496
371348.763773072.7	371348.76	3773072.7	1.29623E-05	0	0.00099046	0	0	0	0	0	9.85229E-11	1.9321E-08	1.94195E-08	0.019419519
371368.763772712.7	371368.76	3772712.7	6.90977E-06	0	0.00052798	0	0	0	0	0	5.25192E-11	1.02994E-08	1.03519E-08	0.010351878
371368.763772732.7	371368.76	3772732.7	7.34756E-06	0	0.000561432	0	0	0	0	0	5.58467E-11	1.09519E-08	1.10077E-08	0.011007748
371368.763772752.7	371368.76	3772752.7	7.81997E-06	0	0.000597529	0	0	0	0	0	5.94373E-11	1.16561E-08	1.17155E-08	0.011715488
371368.763772772.7	371368.76	3772772.7	8.32212E-06	0	0.000635899	0	0	0	0	0	6.3254E-11	1.24045E-08	1.24678E-08	0.012467789
371368.763772792.7	371368.76	3772792.7	8.90374E-06	0	0.000680341	0	0	0	0	0	6.76748E-11	1.32715E-08	1.33391E-08	0.013339148
371368.763772812.7	371368.76	3772812.7	9.52859E-06	0	0.000728086	0	0	0	0	0	7.24241E-11	1.42028E-08	1.42753E-08	0.014275259
371368.763772832.7	371368.76	3772832.7	1.02011E-05	0	0.00077947	0	0	0	0	0	7.75354E-11	1.52052E-08	1.52827E-08	0.015282736
371368.763772852.7	371368.76	3772852.7	1.08938E-05	0	0.0008324	0	0	0	0	0	8.28004E-11	1.62377E-08	1.63205E-08	0.0163205
371368.763772872.7	371368.76	3772872.7	1.16697E-05	0	0.000891686	0	0	0	0	0	8.86977E-11	1.73942E-08	1.74829E-08	0.017482893
371368.763772892.7	371368.76	3772892.7	1.23672E-05	0	0.000944988	0	0	0	0	0	9.39997E-11	1.8434E-08	1.8528E-08	0.018527968
371368.763772972.7	371368.76	3772972.7	1.53822E-05	0	0.001175367	0	0	0	0	0	1.16916E-10	2.2928E-08	2.30449E-08	0.023044904
371368.763772992.7	371368.76	3772992.7	1.58405E-05	0	0.001210381	0	0	0	0	0	1.20399E-10	2.3611E-08	2.37314E-08	0.023731409
371368.763773012.7	371368.76	3773012.7	1.59413E-05	0	0.001218087	0	0	0	0	0	1.21165E-10	2.37613E-08	2.38825E-08	0.023882496
371368.763773032.7	371368.76	3773032.7	1.61384E-05	0	0.001233143	0	0	0	0	0	1.22663E-10	2.4055E-08	2.41777E-08	0.024177707
371388.763772712.7	371388.76	3772712.7	7.17537E-06	0	0.000548275	0	0	0	0	0	5.45379E-11	1.06952E-08	1.07498E-08	0.010749786
371388.763772732.7	371388.76	3772732.7	7.64755E-06	0	0.000584354	0	0	0	0	0	5.81268E-11	1.13991E-08	1.14572E-08	0.011457179
371388.763772752.7	371388.76	3772752.7	8.17782E-06	0	0.000624872	0	0	0	0	0	6.21572E-11	1.21894E-08	1.22516E-08	0.012251602
371388.763772772.7	371388.76	3772772.7	8.76084E-06	0	0.000669421	0	0	0	0	0	6.65886E-11	1.30585E-08	1.31251E-08	0.013125051
371388.763772792.7	371388.76	3772792.7	9.35059E-06	0	0.000714485	0	0	0	0	0	7.10712E-11	1.39375E-08	1.40086E-08	0.014008595
371388.763772812.7	371388.76	3772812.7	1.00816E-05	0	0.000770344	0	0	0	0	0	7.66276E-11	1.50272E-08	1.51038E-08	0.0151038
371388.763772832.7	371388.76	3772832.7	1.0864E-05	0	0.000830127	0	0	0	0	0	8.25743E-11	1.61934E-08	1.62759E-08	0.01627594
371388.763772852.7	371388.76	3772852.7	1.16443E-05	0	0.00088975	0	0	0	0	0	8.85052E-11	1.73564E-08	1.74449E-08	0.017444948
371388.763772872.7	371388.76	3772872.7	1.25991E-05	0	0.000962708	0	0	0	0	0	9.57624E-11	1.87796E-08	1.88754E-08	0.018875398
371388.763772892.7	371388.76	3772892.7	1.34385E-05	0	0.001026841	0	0	0	0	0	1.02142E-10	2.00307E-08	2.01328E-08	0.020132829
371388.763772972.7	371388.76	3772972.7	1.71727E-05	0	0.001312174	0	0	0	0	0	1.30524E-10	2.55967E-08	2.57272E-08	0.025727216
371388.763772992.7	371388.76	3772992.7	1.78482E-05	0	0.001363789	0	0	0	0	0	1.35659E-10	2.66036E-08	2.67392E-08	0.026739219
371388.763773012.7	371388.76	3773012.7	1.81965E-05	0	0.001390405	0	0	0	0	0	1.38306E-10	2.71228E-08	2.72611E-08	0.02726106
371408.763772712.7	371408.76	3772712.7	7.46978E-06	0	0.000570771	0	0	0	0	0	5.67757E-11	1.11341E-08	1.11909E-08	0.011190862
371408.763772732.7	371408.76	3772732.7	7.97054E-06	0	0.000609034	0	0	0	0	0	6.05818E-11	1.18805E-08	1.19411E-08	0.011941074
371408.763772752.7	371408.76	3772752.7	8.58284E-06	0	0.00065582	0	0	0	0	0	6.52357E-11	1.27932E-08	1.28584E-08	0.012858386
371408.763772772.7	371408.76	3772772.7	9.18631E-06	0	0.000701932	0	0	0	0	0	6.98225E-11	1.36926E-08	1.37625E-08	0.01376247
371408.763772792.7	371408.76	3772792.7	9.87784E-06	0	0.000754772	0	0	0	0	0	7.50786E-11	1.47234E-08	1.47985E-08	0.014798493
371408.763772812.7	371408.76	3772812.7	1.06944E-05	0	0.000817165	0	0	0	0	0	8.1285E-11	1.59405E-08	1.60218E-08	0.016021808
371408.763772832.7	371408.76	3772832.7	1.15207E-05	0	0.000880304	0	0	0	0	0	8.75655E-11	1.71722E-08	1.72597E-08	0.017259745
371408.763772852.7	371408.76	3772852.7	1.25169E-05	0	0.000956423	0	0	0	0	0	9.51372E-11	1.8657E-08	1.87522E-08	0.018752161
371408.763772872.7	371408.76	3772872.7	1.35056E-05	0	0.001031973	0	0	0	0	0	1.02652E-10	2.01308E-08	2.02334E-08	0.020233438

371408.763772892.7	371408.76	3772892.7	1.45629E-05	0	0.001112761	0	0	0	0	0	0	1.10688E-10	2.17067E-08	2.18174E-08	0.021817412
371428.763772712.7	371428.76	3772712.7	7.79696E-06	0	0.000595771	0	0	0	0	0	0	5.92625E-11	1.16218E-08	1.1681E-08	0.011681024
371428.763772732.7	371428.76	3772732.7	8.35024E-06	0	0.000638047	0	0	0	0	0	0	6.34678E-11	1.24464E-08	1.25099E-08	0.012509912
371428.763772752.7	371428.76	3772752.7	9.00738E-06	0	0.00068826	0	0	0	0	0	0	6.84625E-11	1.3426E-08	1.34944E-08	0.013494413
371428.763772772.7	371428.76	3772772.7	9.6873E-06	0	0.000740213	0	0	0	0	0	0	7.36304E-11	1.44394E-08	1.4513E-08	0.01451303
371428.763772792.7	371428.76	3772792.7	1.0446E-05	0	0.000798185	0	0	0	0	0	0	7.9397E-11	1.55703E-08	1.56497E-08	0.015649661
371428.763772812.7	371428.76	3772812.7	1.13362E-05	0	0.000866206	0	0	0	0	0	0	8.61632E-11	1.68972E-08	1.69833E-08	0.016983332
371428.763772832.7	371428.76	3772832.7	1.22648E-05	0	0.000937158	0	0	0	0	0	0	9.32209E-11	1.82812E-08	1.83744E-08	0.018374444
371428.763772852.7	371428.76	3772852.7	1.33337E-05	0	0.001018833	0	0	0	0	0	0	1.01345E-10	1.98745E-08	1.99758E-08	0.019975825
371428.763772872.7	371428.76	3772872.7	1.45218E-05	0	0.001109618	0	0	0	0	0	0	1.10376E-10	2.16454E-08	2.17558E-08	0.021755793
371448.763772712.7	371448.76	3772712.7	8.07674E-06	0	0.000617149	0	0	0	0	0	0	6.1389E-11	1.20388E-08	1.21002E-08	0.012100167
371448.763772732.7	371448.76	3772732.7	8.68927E-06	0	0.000663952	0	0	0	0	0	0	6.60446E-11	1.29518E-08	1.30178E-08	0.013017828
371448.763772752.7	371448.76	3772752.7	9.35524E-06	0	0.00071484	0	0	0	0	0	0	7.11065E-11	1.39445E-08	1.40156E-08	0.014015557
371448.763772772.7	371448.76	3772772.7	1.01223E-05	0	0.000773451	0	0	0	0	0	0	7.69367E-11	1.50878E-08	1.51647E-08	0.015164722
371448.763772792.7	371448.76	3772792.7	1.09911E-05	0	0.000839839	0	0	0	0	0	0	8.35404E-11	1.63828E-08	1.64664E-08	0.016466365
371448.763772812.7	371448.76	3772812.7	1.19827E-05	0	0.000915602	0	0	0	0	0	0	9.10767E-11	1.78607E-08	1.79518E-08	0.017951819
371448.763772832.7	371448.76	3772832.7	1.31117E-05	0	0.001001877	0	0	0	0	0	0	9.96586E-11	1.95437E-08	1.96434E-08	0.019643364
371448.763772852.7	371448.76	3772852.7	1.43154E-05	0	0.001093851	0	0	0	0	0	0	1.08807E-10	2.13378E-08	2.14467E-08	0.021446657
371468.763772712.7	371468.76	3772712.7	8.36906E-06	0	0.000639485	0	0	0	0	0	0	6.36108E-11	1.24745E-08	1.25381E-08	0.01253811
371468.763772732.7	371468.76	3772732.7	9.03643E-06	0	0.000690479	0	0	0	0	0	0	6.86833E-11	1.34692E-08	1.35379E-08	0.013537928
371468.763772752.7	371468.76	3772752.7	9.79651E-06	0	0.000748558	0	0	0	0	0	0	7.44605E-11	1.46022E-08	1.46766E-08	0.014676649
371468.763772772.7	371468.76	3772772.7	1.06533E-05	0	0.000814023	0	0	0	0	0	0	8.09724E-11	1.58792E-08	1.59602E-08	0.01596019
371468.763772792.7	371468.76	3772792.7	1.16134E-05	0	0.000887389	0	0	0	0	0	0	8.82702E-11	1.73104E-08	1.73986E-08	0.017398647
371468.763772812.7	371468.76	3772812.7	1.28108E-05	0	0.000978883	0	0	0	0	0	0	9.73714E-11	1.90952E-08	1.91925E-08	0.019192541
371468.763772832.7	371468.76	3772832.7	1.40015E-05	0	0.001069863	0	0	0	0	0	0	1.06421E-10	2.08699E-08	2.09763E-08	0.020976339
371468.763772852.7	371468.76	3772852.7	1.53095E-05	0	0.001169809	0	0	0	0	0	0	1.16363E-10	2.28196E-08	2.29359E-08	0.022935941
371488.763772712.7	371488.76	3772712.7	8.73435E-06	0	0.000667397	0	0	0	0	0	0	6.63873E-11	1.3019E-08	1.30854E-08	0.013085364
371488.763772732.7	371488.76	3772732.7	9.44354E-06	0	0.000721587	0	0	0	0	0	0	7.17776E-11	1.40761E-08	1.41478E-08	0.014147845
371488.763772752.7	371488.76	3772752.7	1.02608E-05	0	0.000784034	0	0	0	0	0	0	7.79893E-11	1.52942E-08	1.53722E-08	0.015372205
371488.763772772.7	371488.76	3772772.7	1.11666E-05	0	0.000853245	0	0	0	0	0	0	8.48739E-11	1.66443E-08	1.67292E-08	0.0167292
371488.763772792.7	371488.76	3772792.7	1.22027E-05	0	0.000932417	0	0	0	0	0	0	9.27493E-11	1.81887E-08	1.82815E-08	0.018281495
371488.763772812.7	371488.76	3772812.7	1.35739E-05	0	0.001037193	0	0	0	0	0	0	1.03172E-10	2.02326E-08	2.03358E-08	0.020335787
371488.763772832.7	371488.76	3772832.7	1.48884E-05	0	0.001137636	0	0	0	0	0	0	1.13163E-10	2.2192E-08	2.23051E-08	0.022305136
371488.763772852.7	371488.76	3772852.7	1.62985E-05	0	0.001245377	0	0	0	0	0	0	1.2388E-10	2.42937E-08	2.44176E-08	0.024417566
371508.763772712.7	371508.76	3772712.7	9.06408E-06	0	0.000692592	0	0	0	0	0	0	6.88935E-11	1.35105E-08	1.35794E-08	0.013579355
371508.763772732.7	371508.76	3772732.7	9.80836E-06	0	0.000749463	0	0	0	0	0	0	7.45505E-11	1.46199E-08	1.46944E-08	0.014694403
371508.763772752.7	371508.76	3772752.7	1.07125E-05	0	0.00081855	0	0	0	0	0	0	8.14228E-11	1.59675E-08	1.6049E-08	0.016048962
371508.763772772.7	371508.76	3772772.7	1.16808E-05	0	0.000892538	0	0	0	0	0	0	8.87824E-11	1.74108E-08	1.74996E-08	0.017499603
371508.763772792.7	371508.76	3772792.7	1.28343E-05	0	0.000980677	0	0	0	0	0	0	9.75498E-11	1.91302E-08	1.92277E-08	0.019227701
371508.763772812.7	371508.76	3772812.7	1.43198E-05	0	0.001094188	0	0	0	0	0	0	1.08841E-10	2.13444E-08	2.14533E-08	0.021453272
371508.763772832.7	371508.76	3772832.7	1.57264E-05	0	0.001201663	0	0	0	0	0	0	1.19532E-10	2.34409E-08	2.35605E-08	0.023560479
371528.763772712.7	371528.76	3772712.7	9.38173E-06	0	0.000716864	0	0	0	0	0	0	7.13078E-11	1.39839E-08	1.40552E-08	0.014055244
371528.763772732.7	371528.76	3772732.7	1.02069E-05	0	0.000779914	0	0	0	0	0	0	7.75795E-11	1.52139E-08	1.52914E-08	0.01529144
371528.763772752.7	371528.76	3772752.7	1.11775E-05	0	0.000854079	0	0	0	0	0	0	8.49569E-11	1.66606E-08	1.67456E-08	0.016745562
371528.763772772.7	371528.76	3772772.7	1.22197E-05	0	0.000933713	0	0	0	0	0	0	9.28782E-11	1.8214E-08	1.83069E-08	0.018306908
371528.763772792.7	371528.76	3772792.7	1.34896E-05	0	0.001030747	0	0	0	0	0	0	1.0253E-10	2.01069E-08	2.02094E-08	0.020209417
371528.763772812.7	371528.76	3772812.7	1.49965E-05	0	0.001145892	0	0	0	0	0	0	1.13984E-10	2.2353E-08	2.2467E-08	0.022467015
371528.763772832.7	371528.76	3772832.7	1.66147E-05	0	0.001269542	0	0	0	0	0	0	1.26284E-10	2.47651E-08	2.48914E-08	0.024891365
371548.763772712.7	371548.76	3772712.7	9.67057E-06	0	0.000738934	0	0	0	0	0	0	7.35032E-11	1.44145E-08	1.4488E-08	0.014487964
371548.763772732.7	371548.76	3772732.7	1.05745E-05	0	0.000808004	0	0	0	0	0	0	8.03736E-11	1.57618E-08	1.58422E-08	0.015842175
371548.763772752.7	371548.76	3772752.7	1.15581E-05	0	0.000883163	0	0	0	0	0	0	8.78499E-11	1.72279E-08	1.73158E-08	0.017315793
371548.763772772.7	371548.76	3772772.7	1.27146E-05	0	0.000971533	0	0	0	0	0	0	9.66402E-11	1.89518E-08	1.90484E-08	0.019048417
371548.763772792.7	371548.76	3772792.7	1.40429E-05	0	0.001073024	0	0	0	0	0	0	1.06736E-10	2.09316E-08	2.10383E-08	0.021038305
371548.763772812.7	371548.76	3772812.7	1.55644E-05	0	0.001189287	0	0	0	0	0	0	1.18301E-10	2.31995E-08	2.33178E-08	0.023317835
371548.763772832.7	371548.76	3772832.7	1.74108E-05	0	0.001330373	0	0	0	0	0	0	1.32335E-10	2.59517E-08	2.6084E-08	0.026084045
371568.763772712.7	371568.76	3772712.7	9.93291E-06	0	0.00075898	0	0	0	0	0	0	7.54972E-11	1.48055E-08	1.4881E-08	0.014880999
371568.763772732.7	371568.76	3772732.7	1.08856E-05	0	0.000831778	0	0	0	0	0	0	8.27386E-11	1.62256E-08	1.63083E-08	0.016308316
371568.763772752.7	371568.76	3772752.7	1.20045E-05	0	0.000917271	0	0	0	0	0	0	9.12427E-11	1.78933E-08	1.79845E-08	0.017984543
371568.763772772.7	371568.76	3772772.7	1.33127E-05	0	0.001017235	0	0	0	0	0	0	1.01186E-10	1.98433E-08	1.99445E-08	0.019944493
371568.763772792.7	371568.76	3772792.7	1.46721E-05	0	0.001121106	0	0	0	0	0	0	1.11519E-10	2.18695E-08	2.1981E-08	0.021981031
371568.763772812.7	371568.76	3772812.7	1.63099E-05	0	0.001246247	0	0	0	0	0	0	1.23967E-10	2.43107E-08	2.44346E-08	0.024434624
371588.763772712.7	371588.76	3772712.7	1.02266E-05	0	0.000781423	0	0	0	0	0	0	7.77297E-11	1.52433E-08	1.5321E-08	0.01532103
371588.763772732.7	371588.76	3772732.7	1.12068E-05	0	0.000856317	0	0	0	0	0	0	8.51794E-11	1.67042E-08	1.67894E-08	0.016789426
371588.763772752.7	371588.76	3772752.7	1.23953E-05	0	0.000947136	0	0	0	0	0	0	9.42135E-11	1.84759E-08	1.85701E-08	0.018570091
371588.763772772.7	371588.76	3772772.7	1.3692E-05	0	0.001046213	0	0	0	0	0	0	1.04069E-10	2.04086E-08	2.05126E-08	0.020512635
371588.763772792.7	371588.76	3772792.7	1.52702E-05	0	0.001166809	0	0	0	0	0	0	1.16065E-10	2.2761E-08	2.28771E-08	0.022877108
371608.763772712.7	371608.76	3772712.7	1.04729E-05	0	0.000800244	0	0	0	0	0	0	7.96018E-11	1.56104E-08	1.569E-08	0.015690044
371608.763772732.7	371608.76	3772732.7	1.15102E-05	0	0.000879505	0	0	0	0	0	0	8.74861E-11	1.71566E-08	1.72441E-08	0.017244079
371608.763772752.7	371608.76	3772752.7	1.27592E-05	0	0.000974942	0	0	0	0	0	0	9.69793E-11	1.90183E-08	1.91153E-08	0.019115257
371608.763772772.7	371608.76	3772772.7	1.4114E-05	0	0.001078457	0	0	0	0	0	0	1.07276E-10	2.10376E-08	2.11448E-08	0.021144832
371608.763772792.7	371608.76	3772792.7	1.57027E-05	0	0.001199852	0	0	0	0	0	0	1.19352E-10	2.34056E-08	2.3525E-08	0.02352497

371628.763772712.7	371628.76	3772712.7	1.07167E-05	0	0.00081887	0	0	0	0	0	8.14546E-11	1.59738E-08	1.60552E-08	0.016055228
371628.763772732.7	371628.76	3772732.7	1.17986E-05	0	0.00090154	0	0	0	0	0	8.96779E-11	1.75864E-08	1.76761E-08	0.017676103
371628.763772752.7	371628.76	3772752.7	1.30955E-05	0	0.001000634	0	0	0	0	0	9.9535E-11	1.95195E-08	1.9619E-08	0.019618995
371628.763772772.7	371628.76	3772772.7	1.45234E-05	0	0.001109742	0	0	0	0	0	1.10388E-10	2.16478E-08	2.17582E-08	0.02175823
371648.763772712.7	371648.76	3772712.7	1.08845E-05	0	0.00083169	0	0	0	0	0	8.27297E-11	1.62238E-08	1.63066E-08	0.016306575
371648.763772732.7	371648.76	3772732.7	1.19968E-05	0	0.000916686	0	0	0	0	0	9.11845E-11	1.78819E-08	1.79731E-08	0.017973055
371648.763772752.7	371648.76	3772752.7	1.32849E-05	0	0.001015105	0	0	0	0	0	1.00974E-10	1.98017E-08	1.99027E-08	0.019902718
371648.763772772.7	371648.76	3772772.7	1.47864E-05	0	0.001129841	0	0	0	0	0	1.12387E-10	2.20399E-08	2.21523E-08	0.022152309
371668.763772712.7	371668.76	3772712.7	1.10848E-05	0	0.000846995	0	0	0	0	0	8.42522E-11	1.65224E-08	1.66067E-08	0.01660666
371668.763772732.7	371668.76	3772732.7	1.22211E-05	0	0.00093382	0	0	0	0	0	9.28888E-11	1.82161E-08	1.8309E-08	0.018308997
371668.763772752.7	371668.76	3772752.7	1.35031E-05	0	0.001031777	0	0	0	0	0	1.02633E-10	2.0127E-08	2.02296E-08	0.020229608
371688.763772712.7	371688.76	3772712.7	1.12521E-05	0	0.000859779	0	0	0	0	0	8.55238E-11	1.67718E-08	1.68573E-08	0.016857311
371688.763772732.7	371688.76	3772732.7	1.23521E-05	0	0.000943834	0	0	0	0	0	9.38849E-11	1.84115E-08	1.85053E-08	0.01850534
371708.763772712.7	371708.76	3772712.7	1.12955E-05	0	0.000863099	0	0	0	0	0	8.58541E-11	1.68366E-08	1.69224E-08	0.01692241
371281.973773112.21	371281.97	3773112.2	7.32757E-06	0	0.000559905	0	0	0	0	0	5.56948E-11	1.09221E-08	1.09778E-08	0.010977809
371281.973773132.21	371281.97	3773132.2	6.92952E-06	0	0.000529489	0	0	0	0	0	5.26693E-11	1.03288E-08	1.03815E-08	0.010381469
371281.973773152.21	371281.97	3773152.2	6.44433E-06	0	0.000492416	0	0	0	0	0	4.89815E-11	9.6056E-09	9.65458E-09	0.009654581
371281.973773172.21	371281.97	3773172.2	6.01933E-06	0	0.000459941	0	0	0	0	0	4.57512E-11	8.97211E-09	9.01786E-09	0.009017859
371281.973773192.21	371281.97	3773192.2	5.45536E-06	0	0.000416848	0	0	0	0	0	4.14647E-11	8.13149E-09	8.17296E-09	0.008172957
371281.973773212.21	371281.97	3773212.2	4.98156E-06	0	0.000380644	0	0	0	0	0	3.78634E-11	7.42526E-09	7.46313E-09	0.007463128
371281.973773232.21	371281.97	3773232.2	4.72177E-06	0	0.000360794	0	0	0	0	0	3.58888E-11	7.03803E-09	7.07392E-09	0.007073923
371281.973773252.21	371281.97	3773252.2	4.24425E-06	0	0.000324306	0	0	0	0	0	3.22593E-11	6.32626E-09	6.35852E-09	0.006358523
371281.973773272.21	371281.97	3773272.2	3.52251E-06	0	0.000269157	0	0	0	0	0	2.67736E-11	5.25047E-09	5.27724E-09	0.005277244
371281.973773292.21	371281.97	3773292.2	3.20811E-06	0	0.000245134	0	0	0	0	0	2.43839E-11	4.78185E-09	4.80623E-09	0.004806229
371281.973773312.21	371281.97	3773312.2	3.01547E-06	0	0.000230414	0	0	0	0	0	2.29197E-11	4.49471E-09	4.51763E-09	0.004517633
371281.973773332.21	371281.97	3773332.2	2.67389E-06	0	0.000204314	0	0	0	0	0	2.03235E-11	3.98556E-09	4.00589E-09	0.004005887
371281.973773352.21	371281.97	3773352.2	2.51983E-06	0	0.000192542	0	0	0	0	0	1.91525E-11	3.75593E-09	3.77508E-09	0.00377508
371281.973773372.21	371281.97	3773372.2	2.47219E-06	0	0.000188902	0	0	0	0	0	1.87904E-11	3.68492E-09	3.70371E-09	0.003703714
371301.973773112.21	371301.97	3773112.2	8.20408E-06	0	0.000626879	0	0	0	0	0	6.23568E-11	1.22286E-08	1.22909E-08	0.012290941
371301.973773132.21	371301.97	3773132.2	7.892E-06	0	0.000603033	0	0	0	0	0	5.99848E-11	1.17634E-08	1.18234E-08	0.011823407
371301.973773152.21	371301.97	3773152.2	7.06755E-06	0	0.000540036	0	0	0	0	0	5.37184E-11	1.05345E-08	1.05883E-08	0.010588256
371301.973773172.21	371301.97	3773172.2	6.70668E-06	0	0.000512462	0	0	0	0	0	5.09755E-11	9.99664E-09	1.00476E-08	0.010047616
371301.973773192.21	371301.97	3773192.2	6.15666E-06	0	0.000470434	0	0	0	0	0	4.6795E-11	9.17681E-09	9.2236E-09	0.009223601
371301.973773212.21	371301.97	3773212.2	5.56737E-06	0	0.000425406	0	0	0	0	0	4.2316E-11	8.29844E-09	8.34075E-09	0.008340754
371301.973773232.21	371301.97	3773232.2	5.2625E-06	0	0.000402111	0	0	0	0	0	3.99987E-11	7.84401E-09	7.88401E-09	0.007884012
371301.973773252.21	371301.97	3773252.2	4.63022E-06	0	0.000353798	0	0	0	0	0	3.51929E-11	6.90157E-09	6.93676E-09	0.006936761
371301.973773272.21	371301.97	3773272.2	3.97818E-06	0	0.000303976	0	0	0	0	0	3.0237E-11	5.92968E-09	5.95992E-09	0.005959919
371301.973773292.21	371301.97	3773292.2	3.4521E-06	0	0.000263777	0	0	0	0	0	2.62384E-11	5.14552E-09	5.17176E-09	0.005171762
371301.973773312.21	371301.97	3773312.2	3.13352E-06	0	0.000239434	0	0	0	0	0	2.3817E-11	4.67066E-09	4.69448E-09	0.004694481
371301.973773332.21	371301.97	3773332.2	2.80471E-06	0	0.00021431	0	0	0	0	0	2.13178E-11	4.18056E-09	4.20188E-09	0.004201882
371301.973773352.21	371301.97	3773352.2	2.59419E-06	0	0.000198223	0	0	0	0	0	1.97177E-11	3.86676E-09	3.88648E-09	0.00388648
371301.973773372.21	371301.97	3773372.2	2.45778E-06	0	0.000187801	0	0	0	0	0	1.86809E-11	3.66345E-09	3.68213E-09	0.00368213
371321.973773112.21	371321.97	3773112.2	9.32155E-06	0	0.000712265	0	0	0	0	0	7.08504E-11	1.38942E-08	1.39651E-08	0.013965079
371321.973773132.21	371321.97	3773132.2	9.02876E-06	0	0.000689893	0	0	0	0	0	6.8625E-11	1.34578E-08	1.35264E-08	0.01352644
371321.973773152.21	371321.97	3773152.2	7.98611E-06	0	0.000610224	0	0	0	0	0	6.07001E-11	1.19037E-08	1.19644E-08	0.011964398
371321.973773172.21	371321.97	3773172.2	7.54182E-06	0	0.000576275	0	0	0	0	0	5.73232E-11	1.12415E-08	1.12988E-08	0.011298781
371321.973773192.21	371321.97	3773192.2	6.82403E-06	0	0.000521428	0	0	0	0	0	5.18675E-11	1.01716E-08	1.02234E-08	0.01022342
371321.973773212.21	371321.97	3773212.2	6.26773E-06	0	0.000478922	0	0	0	0	0	4.76392E-11	9.34237E-09	9.39001E-09	0.009390006
371321.973773232.21	371321.97	3773232.2	5.65776E-06	0	0.000432313	0	0	0	0	0	4.3003E-11	8.43317E-09	8.47617E-09	0.008476175
371321.973773252.21	371321.97	3773252.2	5.11424E-06	0	0.000390783	0	0	0	0	0	3.88719E-11	7.62304E-09	7.66191E-09	0.007661908
371321.973773272.21	371321.97	3773272.2	4.61186E-06	0	0.000352395	0	0	0	0	0	3.50534E-11	6.87421E-09	6.90926E-09	0.006909259
371321.973773292.21	371321.97	3773292.2	3.92242E-06	0	0.000299714	0	0	0	0	0	2.98132E-11	5.84656E-09	5.87637E-09	0.005876369
371321.973773312.21	371321.97	3773312.2	3.4593E-06	0	0.000264327	0	0	0	0	0	2.62932E-11	5.15626E-09	5.18255E-09	0.005182553
371321.973773332.21	371321.97	3773332.2	3.04568E-06	0	0.000232723	0	0	0	0	0	2.31493E-11	4.53974E-09	4.56289E-09	0.004562889
371321.973773352.21	371321.97	3773352.2	2.75266E-06	0	0.000210333	0	0	0	0	0	2.09222E-11	4.10298E-09	4.1239E-09	0.004123902
371321.973773372.21	371321.97	3773372.2	2.55701E-06	0	0.000195383	0	0	0	0	0	1.94351E-11	3.81134E-09	3.83078E-09	0.00383078
371341.973773112.21	371341.97	3773112.2	1.05152E-05	0	0.000803476	0	0	0	0	0	7.99233E-11	1.56735E-08	1.57534E-08	0.015753403
371341.973773132.21	371341.97	3773132.2	9.89434E-06	0	0.000756033	0	0	0	0	0	7.5204E-11	1.4748E-08	1.48232E-08	0.01482321
371341.973773152.21	371341.97	3773152.2	8.91931E-06	0	0.000681531	0	0	0	0	0	6.77931E-11	1.32947E-08	1.33625E-08	0.013362473
371341.973773172.21	371341.97	3773172.2	8.12739E-06	0	0.000621019	0	0	0	0	0	6.1774E-11	1.21143E-08	1.21761E-08	0.012176059
371341.973773192.21	371341.97	3773192.2	7.37428E-06	0	0.000563474	0	0	0	0	0	5.60498E-11	1.09917E-08	1.10478E-08	0.011047782
371341.973773212.21	371341.97	3773212.2	6.68716E-06	0	0.00051097	0	0	0	0	0	5.08272E-11	9.96755E-09	1.00184E-08	0.010018373
371341.973773232.21	371341.97	3773232.2	6.03234E-06	0	0.000460935	0	0	0	0	0	4.58501E-11	8.9915E-09	9.03735E-09	0.009037354
371341.973773252.21	371341.97	3773252.2	5.22416E-06	0	0.000399181	0	0	0	0	0	3.97073E-11	7.78686E-09	7.82657E-09	0.007826571
371341.973773272.21	371341.97	3773272.2	4.67018E-06	0	0.000356852	0	0	0	0	0	3.54967E-11	6.96114E-09	6.99664E-09	0.006996639
371341.973773292.21	371341.97	3773292.2	4.19708E-06	0	0.000320701	0	0	0	0	0	3.19008E-11	6.25595E-09	6.28785E-09	0.006287854
371341.973773312.21	371341.97	3773312.2	3.82505E-06	0	0.000292275	0	0	0	0	0	2.90731E-11	5.70143E-09	5.7305E-09	0.005730504
371341.973773332.21	371341.97	3773332.2	3.3796E-06	0	0.000258237	0	0	0	0	0	2.56874E-11	5.03746E-09	5.06315E-09	0.005063146
371341.973773352.21	371341.97	3773352.2	3.00293E-06	0	0.000229455	0	0	0	0	0	2.28244E-11	4.47601E-09	4.49883E-09	0.004498834
371341.973773372.21	371341.97	3773372.2	2.7443E-06	0	0.000209694	0	0	0	0	0	2.08586E-11	4.09051E-09	4.11137E-09	0.004111369
371361.973773112.21	371361.97	3773112.2	1.15405E-05	0	0.000881814	0	0	0	0	0	8.77157E-11	1.72016E-08	1.72893E-08	0.017289335

371361.973773132.21	371361.97	3773132.2	1.06444E-05	0	0.000813348	0	0	0	0	0	8.09053E-11	1.58661E-08	1.5947E-08	0.015946961
371361.973773152.21	371361.97	3773152.2	9.69055E-06	0	0.000740461	0	0	0	0	0	7.36551E-11	1.44442E-08	1.45179E-08	0.014517903
371361.973773172.21	371361.97	3773172.2	8.7764E-06	0	0.000670611	0	0	0	0	0	6.67069E-11	1.30817E-08	1.31484E-08	0.013148375
371361.973773192.21	371361.97	3773192.2	7.8532E-06	0	0.000600068	0	0	0	0	0	5.96899E-11	1.17056E-08	1.17653E-08	0.01176527
371361.973773212.21	371361.97	3773212.2	7.13378E-06	0	0.000545097	0	0	0	0	0	5.42218E-11	1.06332E-08	1.06875E-08	0.010687472
371361.973773232.21	371361.97	3773232.2	6.46943E-06	0	0.000494333	0	0	0	0	0	4.91723E-11	9.64301E-09	9.69218E-09	0.009692179
371361.973773292.21	371361.97	3773292.2	4.5612E-06	0	0.000348524	0	0	0	0	0	3.46684E-11	6.7987E-09	6.83337E-09	0.006833367
371361.973773312.21	371361.97	3773312.2	4.16501E-06	0	0.000318251	0	0	0	0	0	3.1657E-11	6.20816E-09	6.23981E-09	0.006239812
371361.973773332.21	371361.97	3773332.2	3.71816E-06	0	0.000284107	0	0	0	0	0	2.82607E-11	5.54211E-09	5.57037E-09	0.005570366
371361.973773352.21	371361.97	3773352.2	3.36751E-06	0	0.000257314	0	0	0	0	0	2.55955E-11	5.01945E-09	5.04504E-09	0.005045044
371361.973773372.21	371361.97	3773372.2	3.00316E-06	0	0.000229473	0	0	0	0	0	2.28261E-11	4.47636E-09	4.49918E-09	0.004499182
371381.973773112.21	371381.97	3773112.2	1.31905E-05	0	0.001007896	0	0	0	0	0	1.00257E-10	1.96611E-08	1.97614E-08	0.019761379
371381.973773132.21	371381.97	3773132.2	1.16099E-05	0	0.000887122	0	0	0	0	0	8.82438E-11	1.73052E-08	1.73934E-08	0.017393425
371381.973773152.21	371381.97	3773152.2	1.06946E-05	0	0.000817183	0	0	0	0	0	8.12868E-11	1.59409E-08	1.60222E-08	0.016022156
371381.973773172.21	371381.97	3773172.2	9.56461E-06	0	0.000730838	0	0	0	0	0	7.26978E-11	1.42565E-08	1.43292E-08	0.014329219
371381.973773192.21	371381.97	3773192.2	8.60282E-06	0	0.000657347	0	0	0	0	0	6.53876E-11	1.28229E-08	1.28883E-08	0.012888325
371381.973773212.21	371381.97	3773212.2	7.72841E-06	0	0.000590533	0	0	0	0	0	5.87415E-11	1.15196E-08	1.15783E-08	0.011578326
371381.973773232.21	371381.97	3773232.2	7.00992E-06	0	0.000535633	0	0	0	0	0	5.32804E-11	1.04486E-08	1.05019E-08	0.01050192
371381.973773252.21	371381.97	3773252.2	6.20801E-06	0	0.000474358	0	0	0	0	0	4.71853E-11	9.25335E-09	9.30054E-09	0.009300537
371381.973773272.21	371381.97	3773272.2	5.54529E-06	0	0.000423719	0	0	0	0	0	4.21482E-11	8.26553E-09	8.30768E-09	0.008307682
371381.973773292.21	371381.97	3773292.2	5.1017E-06	0	0.000389824	0	0	0	0	0	3.87765E-11	7.60433E-09	7.64311E-09	0.007643109
371381.973773352.21	371381.97	3773352.2	3.84992E-06	0	0.000294175	0	0	0	0	0	2.92621E-11	5.73849E-09	5.76775E-09	0.005767753
371381.973773372.21	371381.97	3773372.2	3.50903E-06	0	0.000268127	0	0	0	0	0	2.66711E-11	5.23038E-09	5.25705E-09	0.005257052
371401.973773112.21	371401.97	3773112.2	1.49986E-05	0	0.001146052	0	0	0	0	0	1.14E-10	2.23561E-08	2.24701E-08	0.022470148
371401.973773132.21	371401.97	3773132.2	1.28122E-05	0	0.00097899	0	0	0	0	0	9.7382E-11	1.90972E-08	1.91946E-08	0.01919463
371401.973773152.21	371401.97	3773152.2	1.14917E-05	0	0.000878085	0	0	0	0	0	8.73448E-11	1.71289E-08	1.72162E-08	0.017216229
371401.973773172.21	371401.97	3773172.2	9.8869E-06	0	0.000755465	0	0	0	0	0	7.51475E-11	1.47369E-08	1.48121E-08	0.01481207
371401.973773192.21	371401.97	3773192.2	9.0908E-06	0	0.000694634	0	0	0	0	0	6.90966E-11	1.35503E-08	1.36194E-08	0.01361939
371401.973773212.21	371401.97	3773212.2	8.1023E-06	0	0.000619102	0	0	0	0	0	6.15832E-11	1.20769E-08	1.21385E-08	0.012138461
371401.973773232.21	371401.97	3773232.2	7.21185E-06	0	0.000551062	0	0	0	0	0	5.48152E-11	1.07496E-08	1.08044E-08	0.010804442
371401.973773252.21	371401.97	3773252.2	6.66183E-06	0	0.000509035	0	0	0	0	0	5.06347E-11	9.92979E-09	9.98043E-09	0.009980428
371401.973773272.21	371401.97	3773272.2	5.97959E-06	0	0.000456905	0	0	0	0	0	4.54492E-11	8.91288E-09	8.95833E-09	0.008958329
371401.973773292.21	371401.97	3773292.2	5.48E-06	0	0.00041873	0	0	0	0	0	4.16519E-11	8.16821E-09	8.20986E-09	0.008209858
371401.973773312.21	371401.97	3773312.2	4.90929E-06	0	0.000375122	0	0	0	0	0	3.73141E-11	7.31755E-09	7.35486E-09	0.00735486
371401.973773332.21	371401.97	3773332.2	4.47406E-06	0	0.000341866	0	0	0	0	0	3.40061E-11	6.66881E-09	6.70282E-09	0.00670282
371401.973773352.21	371401.97	3773352.2	4.11087E-06	0	0.000314114	0	0	0	0	0	3.12455E-11	6.12745E-09	6.1587E-09	0.006158699
371401.973773372.21	371401.97	3773372.2	3.79345E-06	0	0.00028986	0	0	0	0	0	2.88329E-11	5.65433E-09	5.68316E-09	0.005683159
371421.973773112.21	371421.97	3773112.2	1.7194E-05	0	0.001313807	0	0	0	0	0	1.30687E-10	2.56286E-08	2.57592E-08	0.025759244
371421.973773132.21	371421.97	3773132.2	1.46974E-05	0	0.001123041	0	0	0	0	0	1.11711E-10	2.19073E-08	2.2019E-08	0.022018977
371421.973773152.21	371421.97	3773152.2	1.32114E-05	0	0.001009494	0	0	0	0	0	1.00416E-10	1.96923E-08	1.97927E-08	0.01979271
371421.973773172.21	371421.97	3773172.2	1.15265E-05	0	0.000880748	0	0	0	0	0	8.76097E-11	1.71808E-08	1.72684E-08	0.017268448
371421.973773192.21	371421.97	3773192.2	1.00956E-05	0	0.000771409	0	0	0	0	0	7.67335E-11	1.5048E-08	1.51247E-08	0.015124687
371421.973773212.21	371421.97	3773212.2	8.61398E-06	0	0.0006582	0	0	0	0	0	6.54724E-11	1.28396E-08	1.2905E-08	0.012905035
371421.973773232.21	371421.97	3773232.2	7.91268E-06	0	0.000604613	0	0	0	0	0	6.0142E-11	1.17942E-08	1.18544E-08	0.01185439
371421.973773252.21	371421.97	3773252.2	6.81984E-06	0	0.000521109	0	0	0	0	0	5.18357E-11	1.01653E-08	1.02172E-08	0.010217153
371421.973773272.21	371421.97	3773272.2	6.18919E-06	0	0.00047292	0	0	0	0	0	4.70423E-11	9.2253E-09	9.27234E-09	0.009272339
371421.973773292.21	371421.97	3773292.2	5.67774E-06	0	0.00043384	0	0	0	0	0	4.31549E-11	8.46296E-09	8.50611E-09	0.008506113
371421.973773312.21	371421.97	3773312.2	5.26482E-06	0	0.000402288	0	0	0	0	0	4.00164E-11	7.84748E-09	7.88749E-09	0.007887493
371421.973773332.21	371421.97	3773332.2	4.76383E-06	0	0.000364007	0	0	0	0	0	3.62085E-11	7.10072E-09	7.13693E-09	0.007136933
371421.973773352.21	371421.97	3773352.2	4.35857E-06	0	0.000333042	0	0	0	0	0	3.31283E-11	6.49667E-09	6.5298E-09	0.006529802
371421.973773372.21	371421.97	3773372.2	4.00862E-06	0	0.000306302	0	0	0	0	0	3.04684E-11	5.97506E-09	6.00552E-09	0.006005524
371441.973773112.21	371441.97	3773112.2	2.09659E-05	0	0.001602016	0	0	0	0	0	1.59356E-10	3.12507E-08	3.141E-08	0.031410027
371441.973773132.21	371441.97	3773132.2	1.79678E-05	0	0.001372933	0	0	0	0	0	1.36568E-10	2.67819E-08	2.69185E-08	0.026918504
371441.973773152.21	371441.97	3773152.2	1.53302E-05	0	0.001171389	0	0	0	0	0	1.1652E-10	2.28504E-08	2.29669E-08	0.022966924
371441.973773172.21	371441.97	3773172.2	1.23094E-05	0	0.000940567	0	0	0	0	0	9.356E-11	1.83477E-08	1.84413E-08	0.018441285
371441.973773192.21	371441.97	3773192.2	9.87319E-06	0	0.000754417	0	0	0	0	0	7.50433E-11	1.47165E-08	1.47915E-08	0.01479153
371441.973773212.21	371441.97	3773212.2	8.46154E-06	0	0.000646552	0	0	0	0	0	6.43138E-11	1.26124E-08	1.26767E-08	0.012676664
371441.973773232.21	371441.97	3773232.2	7.5876E-06	0	0.000579773	0	0	0	0	0	5.76711E-11	1.13097E-08	1.13674E-08	0.011367362
371441.973773252.21	371441.97	3773252.2	6.57957E-06	0	0.00050275	0	0	0	0	0	5.00094E-11	9.80718E-09	9.85719E-09	0.009857191
371441.973773272.21	371441.97	3773272.2	5.94474E-06	0	0.000454241	0	0	0	0	0	4.51842E-11	8.86093E-09	8.90611E-09	0.00890611
371441.973773292.21	371441.97	3773292.2	5.53971E-06	0	0.000423293	0	0	0	0	0	4.21058E-11	8.25722E-09	8.29933E-09	0.008299327
371441.973773312.21	371441.97	3773312.2	5.19255E-06	0	0.000396766	0	0	0	0	0	3.94671E-11	7.73976E-09	7.77923E-09	0.007779226
371441.973773332.21	371441.97	3773332.2	4.79543E-06	0	0.000366422	0	0	0	0	0	3.64487E-11	7.14783E-09	7.18428E-09	0.007184279
371441.973773352.21	371441.97	3773352.2	4.40551E-06	0	0.000336628	0	0	0	0	0	3.3485E-11	6.56664E-09	6.60012E-09	0.006600123
371441.973773372.21	371441.97	3773372.2	3.94542E-06	0	0.000301472	0	0	0	0	0	2.9988E-11	5.88085E-09	5.91083E-09	0.005910833
371461.973773112.21	371461.97	3773112.2	2.61975E-05	0	0.002001765	0	0	0	0	0	1.99119E-10	3.90486E-08	3.92477E-08	0.039247738
371461.973773132.21	371461.97	3773132.2	2.25799E-05	0	0.001725346	0	0	0	0	0	1.71623E-10	3.36565E-08	3.38281E-08	0.033828111
371461.973773152.21	371461.97	3773152.2	1.85759E-05	0	0.0014194	0	0	0	0	0	1.4119E-10	2.76884E-08	2.78295E-08	0.02782955
371461.973773172.21	371461.97	3773172.2	1.44232E-05	0	0.001102089	0	0	0	0	0	1.09627E-10	2.14986E-08	2.16082E-08	0.021608188
371461.973773192.21	371461.97	3773192.2	1.17342E-05	0	0.000896622	0	0	0	0	0	8.91887E-11	1.74905E-08	1.75797E-08	0.017579672
371461.973773252.21	371461.97	3773252.2	6.92162E-06	0	0.000528886	0	0	0	0	0	5.26093E-11	1.0317E-08	1.03696E-08	0.010369633

371461.973773272.21	371461.97	3773272.2	6.31304E-06	0	0.000482384	0	0	0	0	0	0	4.79836E-11	9.40991E-09	9.45789E-09	0.00945789
371461.973773292.21	371461.97	3773292.2	5.7514E-06	0	0.000439469	0	0	0	0	0	0	4.37148E-11	8.57275E-09	8.61647E-09	0.008616469
371461.973773312.21	371461.97	3773312.2	5.31339E-06	0	0.000405999	0	0	0	0	0	0	4.03855E-11	7.91987E-09	7.96025E-09	0.007960252
371461.973773332.21	371461.97	3773332.2	4.87606E-06	0	0.000372583	0	0	0	0	0	0	3.70616E-11	7.26802E-09	7.30508E-09	0.007305078
371461.973773352.21	371461.97	3773352.2	4.5124E-06	0	0.000344796	0	0	0	0	0	0	3.42975E-11	6.72596E-09	6.76026E-09	0.006760261
371461.973773372.21	371461.97	3773372.2	4.15269E-06	0	0.00031731	0	0	0	0	0	0	3.15634E-11	6.1898E-09	6.22136E-09	0.006221362
371481.973773172.21	371481.97	3773172.2	1.80368E-05	0	0.001378207	0	0	0	0	0	0	1.37093E-10	2.68848E-08	2.70219E-08	0.027021897
371481.973773192.21	371481.97	3773192.2	1.57071E-05	0	0.001200189	0	0	0	0	0	0	1.19385E-10	2.34122E-08	2.35316E-08	0.023531585
371481.973773252.21	371481.97	3773252.2	7.66103E-06	0	0.000585384	0	0	0	0	0	0	5.82293E-11	1.14191E-08	1.14774E-08	0.01147737
371481.973773272.21	371481.97	3773272.2	6.91256E-06	0	0.000528193	0	0	0	0	0	0	5.25404E-11	1.03035E-08	1.03561E-08	0.010356056
371481.973773292.21	371481.97	3773292.2	6.36463E-06	0	0.000486326	0	0	0	0	0	0	4.83757E-11	9.4868E-09	9.53517E-09	0.009535174
371481.973773312.21	371481.97	3773312.2	5.90384E-06	0	0.000451116	0	0	0	0	0	0	4.48734E-11	8.79997E-09	8.84484E-09	0.00884484
371481.973773332.21	371481.97	3773332.2	5.48255E-06	0	0.000418925	0	0	0	0	0	0	4.16713E-11	8.17202E-09	8.21369E-09	0.008213688
371481.973773352.21	371481.97	3773352.2	5.11448E-06	0	0.000390801	0	0	0	0	0	0	3.88737E-11	7.62338E-09	7.66226E-09	0.007662256
371481.973773372.21	371481.97	3773372.2	4.73199E-06	0	0.000361575	0	0	0	0	0	0	3.59665E-11	7.05327E-09	7.08924E-09	0.00708924
371501.973773172.21	371501.97	3773172.2	2.0394E-05	0	0.001558319	0	0	0	0	0	0	1.55009E-10	3.03983E-08	3.05533E-08	0.030553288
371501.973773192.21	371501.97	3773192.2	1.65181E-05	0	0.001262156	0	0	0	0	0	0	1.25549E-10	2.4621E-08	2.47465E-08	0.024746545
371501.973773232.21	371501.97	3773232.2	9.98729E-06	0	0.000763135	0	0	0	0	0	0	7.59105E-11	1.48865E-08	1.49625E-08	0.01496246
371501.973773252.21	371501.97	3773252.2	8.89584E-06	0	0.000679737	0	0	0	0	0	0	6.76147E-11	1.32597E-08	1.33273E-08	0.013327312
371501.973773272.21	371501.97	3773272.2	8.47153E-06	0	0.000647316	0	0	0	0	0	0	6.43897E-11	1.26272E-08	1.26916E-08	0.012691634
371501.973773292.21	371501.97	3773292.2	8.1095E-06	0	0.000619652	0	0	0	0	0	0	6.1638E-11	1.20876E-08	1.21493E-08	0.012149253
371501.973773312.21	371501.97	3773312.2	7.59922E-06	0	0.000580661	0	0	0	0	0	0	5.77595E-11	1.1327E-08	1.13848E-08	0.011384768
371501.973773332.21	371501.97	3773332.2	6.80474E-06	0	0.000519955	0	0	0	0	0	0	5.17209E-11	1.01428E-08	1.01945E-08	0.010194525
371501.973773352.21	371501.97	3773352.2	6.07091E-06	0	0.000463883	0	0	0	0	0	0	4.61433E-11	9.049E-09	9.09514E-09	0.009095143
371501.973773372.21	371501.97	3773372.2	5.55761E-06	0	0.00042466	0	0	0	0	0	0	4.22418E-11	8.28389E-09	8.32613E-09	0.008326132
371521.973773172.21	371521.97	3773172.2	1.9409E-05	0	0.001483053	0	0	0	0	0	0	1.47522E-10	2.89301E-08	2.90776E-08	0.029077582
371521.973773192.21	371521.97	3773192.2	1.60201E-05	0	0.001224106	0	0	0	0	0	0	1.21764E-10	2.38787E-08	2.40005E-08	0.024000511
371521.973773212.21	371521.97	3773212.2	1.32923E-05	0	0.001015673	0	0	0	0	0	0	1.01031E-10	1.98128E-08	1.99139E-08	0.019913858
371521.973773232.21	371521.97	3773232.2	1.1698E-05	0	0.000893852	0	0	0	0	0	0	8.89131E-11	1.74365E-08	1.75254E-08	0.017525365
371521.973773252.21	371521.97	3773252.2	1.12337E-05	0	0.000858376	0	0	0	0	0	0	8.53843E-11	1.67444E-08	1.68298E-08	0.016829809
371521.973773272.21	371521.97	3773272.2	1.04797E-05	0	0.000800759	0	0	0	0	0	0	7.9653E-11	1.56205E-08	1.57001E-08	0.01570014
371521.973773292.21	371521.97	3773292.2	9.4698E-06	0	0.000723594	0	0	0	0	0	0	7.19772E-11	1.41152E-08	1.41872E-08	0.014187183
371521.973773312.21	371521.97	3773312.2	8.57842E-06	0	0.000655483	0	0	0	0	0	0	6.52021E-11	1.27866E-08	1.28518E-08	0.012851772
371521.973773332.21	371521.97	3773332.2	7.41773E-06	0	0.000566794	0	0	0	0	0	0	5.63801E-11	1.10565E-08	1.11129E-08	0.011112882
371521.973773352.21	371521.97	3773352.2	6.6121E-06	0	0.000505235	0	0	0	0	0	0	5.02567E-11	9.85567E-09	9.90593E-09	0.009905929
371521.973773372.21	371521.97	3773372.2	5.94543E-06	0	0.000454295	0	0	0	0	0	0	4.51895E-11	8.86197E-09	8.90715E-09	0.008907155
371541.973773172.21	371541.97	3773172.2	2.30486E-05	0	0.001761159	0	0	0	0	0	0	1.75186E-10	3.43551E-08	3.45303E-08	0.034530281
371541.973773192.21	371541.97	3773192.2	1.85467E-05	0	0.001417162	0	0	0	0	0	0	1.40968E-10	2.76447E-08	2.77857E-08	0.027785686
371541.973773212.21	371541.97	3773212.2	1.67323E-05	0	0.001278527	0	0	0	0	0	0	1.27177E-10	2.49403E-08	2.50675E-08	0.025067517
371541.973773232.21	371541.97	3773232.2	1.51078E-05	0	0.001154397	0	0	0	0	0	0	1.1483E-10	2.25189E-08	2.26338E-08	0.022633767
371541.973773252.21	371541.97	3773252.2	1.3691E-05	0	0.001046142	0	0	0	0	0	0	1.04062E-10	2.04072E-08	2.05112E-08	0.020511242
371541.973773272.21	371541.97	3773272.2	1.20112E-05	0	0.000917786	0	0	0	0	0	0	9.1294E-11	1.79033E-08	1.79946E-08	0.017994639
371541.973773292.21	371541.97	3773292.2	1.03268E-05	0	0.000789076	0	0	0	0	0	0	7.84909E-11	1.53926E-08	1.54711E-08	0.015471073
371541.973773312.21	371541.97	3773312.2	9.22279E-06	0	0.000704719	0	0	0	0	0	0	7.00998E-11	1.3747E-08	1.38171E-08	0.013817125
371541.973773332.21	371541.97	3773332.2	8.03142E-06	0	0.000613686	0	0	0	0	0	0	6.10446E-11	1.19712E-08	1.20323E-08	0.012032283
371541.973773352.21	371541.97	3773352.2	7.08661E-06	0	0.000541492	0	0	0	0	0	0	5.38633E-11	1.05629E-08	1.06168E-08	0.010616802
371541.973773372.21	371541.97	3773372.2	6.43295E-06	0	0.000491546	0	0	0	0	0	0	4.8895E-11	9.58863E-09	9.63752E-09	0.009637523
371561.973773172.21	371561.97	3773172.2	2.73635E-05	0	0.002090863	0	0	0	0	0	0	2.07982E-10	4.07867E-08	4.09946E-08	0.040994635
371561.973773192.21	371561.97	3773192.2	2.28002E-05	0	0.001742178	0	0	0	0	0	0	1.73298E-10	3.39848E-08	3.41581E-08	0.034158134
371561.973773212.21	371561.97	3773212.2	1.96286E-05	0	0.001499832	0	0	0	0	0	0	1.49191E-10	2.92574E-08	2.94066E-08	0.029406561
371561.973773232.21	371561.97	3773232.2	1.73144E-05	0	0.001323004	0	0	0	0	0	0	1.31602E-10	2.5808E-08	2.59396E-08	0.025939573
371561.973773252.21	371561.97	3773252.2	1.53678E-05	0	0.001174266	0	0	0	0	0	0	1.16806E-10	2.29065E-08	2.30233E-08	0.023023321
371581.973773152.21	371581.97	3773152.2	5.26189E-05	0	0.004020647	0	0	0	0	0	0	3.99941E-10	7.84311E-08	7.88311E-08	0.07883107
371581.973773172.21	371581.97	3773172.2	3.47262E-05	0	0.002653448	0	0	0	0	0	0	2.63944E-10	5.17611E-08	5.2025E-08	0.052025011
371581.973773192.21	371581.97	3773192.2	2.83989E-05	0	0.002169982	0	0	0	0	0	0	2.15852E-10	4.233E-08	4.25459E-08	0.042545885
371581.973773212.21	371581.97	3773212.2	2.39042E-05	0	0.001826535	0	0	0	0	0	0	1.81689E-10	3.56304E-08	3.58121E-08	0.035812081
371581.973773232.21	371581.97	3773232.2	2.01784E-05	0	0.001541842	0	0	0	0	0	0	1.5337E-10	3.00769E-08	3.02302E-08	0.030230227
371581.973773252.21	371581.97	3773252.2	1.75856E-05	0	0.001343725	0	0	0	0	0	0	1.33663E-10	2.62122E-08	2.63458E-08	0.026345836
371581.973773352.21	371581.97	3773352.2	8.41182E-06	0	0.000642752	0	0	0	0	0	0	6.39358E-11	1.25382E-08	1.26022E-08	0.012602165
371581.973773372.21	371581.97	3773372.2	7.50371E-06	0	0.000573363	0	0	0	0	0	0	5.70336E-11	1.11847E-08	1.12417E-08	0.011241688
371601.973773132.21	371601.97	3773132.2	0.000117187	0	0.008954339	0	0	0	0	0	0	8.90705E-10	1.74673E-07	1.75564E-07	0.175563828
371601.973773152.21	371601.97	3773152.2	7.80289E-05	0	0.005962238	0	0	0	0	0	0	5.93075E-10	1.16306E-07	1.16899E-07	0.116899008
371601.973773172.21	371601.97	3773172.2	5.45978E-05	0	0.004171853	0	0	0	0	0	0	4.14982E-10	8.13807E-08	8.17957E-08	0.081795712
371601.973773192.21	371601.97	3773192.2	4.09934E-05	0	0.003132334	0	0	0	0	0	0	3.11579E-10	6.11027E-08	6.14143E-08	0.06141432
371601.973773212.21	371601.97	3773212.2	3.11397E-05	0	0.002379409	0	0	0	0	0	0	2.36684E-10	4.64153E-08	4.6652E-08	0.046652032
371601.973773232.21	371601.97	3773232.2	2.52001E-05	0	0.001925558	0	0	0	0	0	0	1.91539E-10	3.7562E-08	3.77536E-08	0.037753581
371601.973773292.21	371601.97	3773292.2	1.43914E-05	0	0.001099657	0	0	0	0	0	0	1.09385E-10	2.14511E-08	2.15605E-08	0.021560495
371601.973773312.21	371601.97	3773312.2	1.23275E-05	0	0.000941952	0	0	0	0	0	0	9.36977E-11	1.83747E-08	1.84684E-08	0.018468438
371601.973773332.21	371601.97	3773332.2	1.05482E-05	0	0.000805997	0	0	0	0	0	0	8.01741E-11	1.57227E-08	1.58028E-08	0.015802837
371601.973773352.21	371601.97	3773352.2	9.19955E-06	0	0.000702944	0	0	0	0	0	0	6.99231E-11	1.37124E-08	1.37823E-08	0.013782313
371601.973773372.21	371601.97	3773372.2	8.02329E-06	0	0.000613065	0	0	0	0	0	0	6.09827E-11	1.19591E-08	1.20201E-08	0.012020098

371621.973773132.21	371621.97	3773132.2	0.000194913	0	0.014893424	0	0	0	0	0	0	1.48148E-09	2.90527E-07	2.92009E-07	0.29200888
371621.973773152.21	371621.97	3773152.2	0.000114059	0	0.008715313	0	0	0	0	0	0	8.66929E-10	1.7001E-07	1.70877E-07	0.170877355
371621.973773172.21	371621.97	3773172.2	7.36998E-05	0	0.005631451	0	0	0	0	0	0	5.60171E-10	1.09853E-07	1.10413E-07	0.110413419
371621.973773192.21	371621.97	3773192.2	5.27758E-05	0	0.004032632	0	0	0	0	0	0	4.01134E-10	7.86649E-08	7.90661E-08	0.079066055
371621.973773212.21	371621.97	3773212.2	4.03244E-05	0	0.003081216	0	0	0	0	0	0	3.06494E-10	6.01056E-08	6.04121E-08	0.060412065
371621.973773232.21	371621.97	3773232.2	3.03146E-05	0	0.002316359	0	0	0	0	0	0	2.30413E-10	4.51854E-08	4.54158E-08	0.045415836
371621.973773272.21	371621.97	3773272.2	1.98379E-05	0	0.00151583	0	0	0	0	0	0	1.50782E-10	2.95694E-08	2.97202E-08	0.029720223
371621.973773292.21	371621.97	3773292.2	1.69535E-05	0	0.00129543	0	0	0	0	0	0	1.28859E-10	2.52701E-08	2.53989E-08	0.025398933
371621.973773312.21	371621.97	3773312.2	1.39625E-05	0	0.00106688	0	0	0	0	0	0	1.06125E-10	2.08117E-08	2.09179E-08	0.020917854
371621.973773332.21	371621.97	3773332.2	1.20084E-05	0	0.000917573	0	0	0	0	0	0	9.12728E-11	1.78992E-08	1.79905E-08	0.017990461
371621.973773352.21	371621.97	3773352.2	1.00403E-05	0	0.000767183	0	0	0	0	0	0	7.63132E-11	1.49655E-08	1.50418E-08	0.015041833
371621.973773372.21	371621.97	3773372.2	8.54798E-06	0	0.000653157	0	0	0	0	0	0	6.49708E-11	1.27412E-08	1.28062E-08	0.012806167
371641.973773132.21	371641.97	3773132.2	0.000310546	0	0.023729013	0	0	0	0	0	0	2.36037E-09	4.62884E-07	4.65244E-07	0.465244441
371641.973773152.21	371641.97	3773152.2	0.000168757	0	0.012894819	0	0	0	0	0	0	1.28267E-09	2.5154E-07	2.52823E-07	0.252823109
371641.973773172.21	371641.97	3773172.2	0.000103615	0	0.00791727	0	0	0	0	0	0	7.87546E-10	1.54443E-07	1.5523E-07	0.155230478
371641.973773192.21	371641.97	3773192.2	7.03188E-05	0	0.005373108	0	0	0	0	0	0	5.34473E-10	1.04814E-07	1.05348E-07	0.105348184
371641.973773212.21	371641.97	3773212.2	5.03754E-05	0	0.003849216	0	0	0	0	0	0	3.82889E-10	7.5087E-08	7.54699E-08	0.075469912
371641.973773232.21	371641.97	3773232.2	3.87589E-05	0	0.002961597	0	0	0	0	0	0	2.94596E-10	5.77721E-08	5.80667E-08	0.058066739
371641.973773252.21	371641.97	3773252.2	2.97955E-05	0	0.002276693	0	0	0	0	0	0	2.26467E-10	4.44117E-08	4.46381E-08	0.044638123
371641.973773272.21	371641.97	3773272.2	2.41484E-05	0	0.001845196	0	0	0	0	0	0	1.83545E-10	3.59944E-08	3.6178E-08	0.036177962
371641.973773292.21	371641.97	3773292.2	1.96179E-05	0	0.001499016	0	0	0	0	0	0	1.4911E-10	2.92414E-08	2.93905E-08	0.029390547
371641.973773312.21	371641.97	3773312.2	1.48457E-05	0	0.001134369	0	0	0	0	0	0	1.12838E-10	2.21282E-08	2.22411E-08	0.022241081
371641.973773332.21	371641.97	3773332.2	1.17607E-05	0	0.000898646	0	0	0	0	0	0	8.939E-11	1.753E-08	1.76194E-08	0.017619359
371641.973773352.21	371641.97	3773352.2	1.02938E-05	0	0.000786555	0	0	0	0	0	0	7.82401E-11	1.53434E-08	1.54216E-08	0.015421639
371641.973773372.21	371641.97	3773372.2	8.95928E-06	0	0.000684584	0	0	0	0	0	0	6.80969E-11	1.33543E-08	1.34224E-08	0.01342235
371661.973773132.21	371661.97	3773132.2	0.000403451	0	0.030827964	0	0	0	0	0	0	3.06652E-09	6.01364E-07	6.0443E-07	0.604430483
371661.973773152.21	371661.97	3773152.2	0.000237018	0	0.018110701	0	0	0	0	0	0	1.80151E-09	3.53287E-07	3.55089E-07	0.355088636
371661.973773172.21	371661.97	3773172.2	0.00014399	0	0.011002393	0	0	0	0	0	0	1.09443E-09	2.14625E-07	2.15719E-07	0.215719131
371661.973773192.21	371661.97	3773192.2	9.34448E-05	0	0.007140179	0	0	0	0	0	0	7.10247E-10	1.39284E-07	1.39994E-07	0.139994391
371661.973773212.21	371661.97	3773212.2	6.41159E-05	0	0.00489914	0	0	0	0	0	0	4.87327E-10	9.5568E-08	9.60553E-08	0.096055305
371661.973773252.21	371661.97	3773252.2	3.71333E-05	0	0.002837379	0	0	0	0	0	0	2.82239E-10	5.5349E-08	5.56312E-08	0.055631249
371661.973773272.21	371661.97	3773272.2	2.88497E-05	0	0.002204427	0	0	0	0	0	0	2.19279E-10	4.3002E-08	4.32212E-08	0.043221249
371661.973773292.21	371661.97	3773292.2	2.2173E-05	0	0.001694256	0	0	0	0	0	0	1.68531E-10	3.305E-08	3.32185E-08	0.033218542
371661.973773312.21	371661.97	3773312.2	1.64009E-05	0	0.001253207	0	0	0	0	0	0	1.24659E-10	2.44464E-08	2.45711E-08	0.024571089
371661.973773332.21	371661.97	3773332.2	1.32244E-05	0	0.001010488	0	0	0	0	0	0	1.00515E-10	1.97117E-08	1.98122E-08	0.019812205
371661.973773352.21	371661.97	3773352.2	1.12632E-05	0	0.000860631	0	0	0	0	0	0	8.56086E-11	1.67884E-08	1.6874E-08	0.016874021
371661.973773372.21	371661.97	3773372.2	9.46167E-06	0	0.000722972	0	0	0	0	0	0	7.19154E-11	1.41031E-08	1.4175E-08	0.014174999
371681.973773132.21	371681.97	3773132.2	0.000460706	0	0.035202852	0	0	0	0	0	0	3.50169E-09	6.86705E-07	6.90207E-07	0.690207017
371681.973773152.21	371681.97	3773152.2	0.000300165	0	0.0229358	0	0	0	0	0	0	2.28147E-09	4.47411E-07	4.49692E-07	0.449692255
371681.973773172.21	371681.97	3773172.2	0.000186856	0	0.014277784	0	0	0	0	0	0	1.42024E-09	2.78518E-07	2.79938E-07	0.279938303
371681.973773192.21	371681.97	3773192.2	0.000123075	0	0.009404248	0	0	0	0	0	0	9.35458E-10	1.8345E-07	1.84385E-07	0.184384996
371681.973773212.21	371681.97	3773212.2	8.40589E-05	0	0.006422996	0	0	0	0	0	0	6.38908E-10	1.25294E-07	1.25933E-07	0.125932881
371681.973773232.21	371681.97	3773232.2	6.05616E-05	0	0.00462755	0	0	0	0	0	0	4.60311E-10	9.02701E-08	9.07304E-08	0.090730368
371681.973773252.21	371681.97	3773252.2	4.4973E-05	0	0.003436417	0	0	0	0	0	0	3.41827E-10	6.70345E-08	6.73763E-08	0.067376328
371681.973773272.21	371681.97	3773272.2	3.47217E-05	0	0.002653111	0	0	0	0	0	0	2.6391E-10	5.17545E-08	5.20184E-08	0.052018396
371681.973773292.21	371681.97	3773292.2	2.38454E-05	0	0.001822043	0	0	0	0	0	0	1.81242E-10	3.55428E-08	3.5724E-08	0.035724005
371681.973773312.21	371681.97	3773312.2	1.97076E-05	0	0.001505869	0	0	0	0	0	0	1.49792E-10	2.93751E-08	2.95249E-08	0.029524924
371681.973773332.21	371681.97	3773332.2	1.50795E-05	0	0.001152231	0	0	0	0	0	0	1.14615E-10	2.24767E-08	2.25913E-08	0.022591296
371681.973773352.21	371681.97	3773352.2	1.30288E-05	0	0.000995538	0	0	0	0	0	0	9.90281E-11	1.94201E-08	1.95191E-08	0.019519083
371681.973773372.21	371681.97	3773372.2	1.09512E-05	0	0.000836785	0	0	0	0	0	0	8.32366E-11	1.63233E-08	1.64065E-08	0.016406487
371701.973773132.21	371701.97	3773132.2	0.000480732	0	0.036733082	0	0	0	0	0	0	3.65391E-09	7.16556E-07	7.2021E-07	0.720209569
371701.973773152.21	371701.97	3773152.2	0.000329705	0	0.025192997	0	0	0	0	0	0	2.506E-09	4.91442E-07	4.93948E-07	0.493948135
371701.973773172.21	371701.97	3773172.2	0.000222084	0	0.016969567	0	0	0	0	0	0	1.68799E-09	3.31027E-07	3.32715E-07	0.332714918
371701.973773192.21	371701.97	3773192.2	0.000149669	0	0.011436304	0	0	0	0	0	0	1.13759E-09	2.23089E-07	2.24227E-07	0.224226637
371701.973773232.21	371701.97	3773232.2	7.26634E-05	0	0.005552261	0	0	0	0	0	0	5.52294E-10	1.08308E-07	1.08861E-07	0.108860776
371701.973773252.21	371701.97	3773252.2	5.28947E-05	0	0.004041722	0	0	0	0	0	0	4.02038E-10	7.88423E-08	7.92443E-08	0.079244295
371701.973773272.21	371701.97	3773272.2	4.0861E-05	0	0.003122214	0	0	0	0	0	0	3.10573E-10	6.09053E-08	6.12159E-08	0.061215888
371701.973773292.21	371701.97	3773292.2	2.94888E-05	0	0.002253255	0	0	0	0	0	0	2.24136E-10	4.39545E-08	4.41786E-08	0.044178596
371701.973773312.21	371701.97	3773312.2	2.36391E-05	0	0.001806276	0	0	0	0	0	0	1.79674E-10	3.52352E-08	3.54149E-08	0.03541487
371701.973773332.21	371701.97	3773332.2	1.86178E-05	0	0.001422596	0	0	0	0	0	0	1.41508E-10	2.77507E-08	2.78922E-08	0.027892212
371701.973773352.21	371701.97	3773352.2	1.52096E-05	0	0.001162174	0	0	0	0	0	0	1.15604E-10	2.26706E-08	2.27862E-08	0.022786247
371701.973773372.21	371701.97	3773372.2	1.27311E-05	0	0.000972793	0	0	0	0	0	0	9.67656E-11	1.89764E-08	1.90731E-08	0.019073133
371721.973773132.21	371721.97	3773132.2	0.00049217	0	0.037607012	0	0	0	0	0	0	3.74084E-09	7.33603E-07	7.37344E-07	0.737344337
371721.973773152.21	371721.97	3773152.2	0.000343517	0	0.026248371	0	0	0	0	0	0	2.61098E-09	5.12029E-07	5.1464E-07	0.514640403
371721.973773172.21	371721.97	3773172.2	0.000249728	0	0.019081843	0	0	0	0	0	0	1.89811E-09	3.72231E-07	3.74129E-07	0.374129393
371721.973773192.21	371721.97	3773192.2	0.00017274	0	0.013199203	0	0	0	0	0	0	1.31295E-09	2.57478E-07	2.58791E-07	0.258791034
371721.973773232.21	371721.97	3773232.2	8.5178E-05	0	0.006508506	0	0	0	0	0	0	6.47413E-10	1.26962E-07	1.27609E-07	0.127609456
371721.973773252.21	371721.97	3773252.2	6.22416E-05	0	0.004755923	0	0	0	0	0	0	4.73081E-10	9.27742E-08	9.32473E-08	0.09324732
371721.973773272.21	371721.97	3773272.2	4.75386E-05	0	0.003632456	0	0	0	0	0	0	3.61327E-10	7.08587E-08	7.122E-08	0.071219988
371721.973773292.21	371721.97	3773292.2	3.65029E-05	0	0.002789208	0	0	0	0	0	0	2.77448E-10	5.44093E-08	5.46868E-08	0.054686783
371721.973773312.21	371721.97	3773312.2	2.75631E-05	0	0.002106115	0	0	0	0	0	0	2.09499E-10	4.10842E-08	4.12937E-08	0.041293675

371721.973773332.21	371721.97	3773332.2	2.09612E-05	0	0.001601661	0	0	0	0	0	0	1.5932E-10	3.12437E-08	3.14031E-08	0.031403064
371721.973773352.21	371721.97	3773352.2	1.75252E-05	0	0.001339109	0	0	0	0	0	0	1.33204E-10	2.61221E-08	2.62553E-08	0.026255323
371721.973773372.21	371721.97	3773372.2	1.46008E-05	0	0.001115655	0	0	0	0	0	0	1.10976E-10	2.17632E-08	2.18742E-08	0.021874156
371741.973773132.21	371741.97	3773132.2	0.000514266	0	0.039295409	0	0	0	0	0	0	3.90879E-09	7.66539E-07	7.70448E-07	0.770447997
371741.973773152.21	371741.97	3773152.2	0.000351941	0	0.026892029	0	0	0	0	0	0	2.675E-09	5.24585E-07	5.2726E-07	0.527260323
371741.973773172.21	371741.97	3773172.2	0.00026371	0	0.020150232	0	0	0	0	0	0	2.00438E-09	3.93072E-07	3.95077E-07	0.395076838
371741.973773192.21	371741.97	3773192.2	0.000192308	0	0.014694348	0	0	0	0	0	0	1.46167E-09	2.86644E-07	2.88106E-07	0.28810569
371741.973773212.21	371741.97	3773212.2	0.000140768	0	0.010756141	0	0	0	0	0	0	1.06993E-09	2.09821E-07	2.10891E-07	0.21089097
371741.973773232.21	371741.97	3773232.2	9.37102E-05	0	0.007160456	0	0	0	0	0	0	7.12264E-10	1.3968E-07	1.40392E-07	0.140391951
371741.973773252.21	371741.97	3773252.2	7.05514E-05	0	0.005390881	0	0	0	0	0	0	5.36241E-10	1.0516E-07	1.05697E-07	0.105696658
371741.973773272.21	371741.97	3773272.2	5.14338E-05	0	0.003930093	0	0	0	0	0	0	3.90934E-10	7.66647E-08	7.70556E-08	0.077055626
371741.973773292.21	371741.97	3773292.2	3.93784E-05	0	0.003008933	0	0	0	0	0	0	2.99304E-10	5.86955E-08	5.89948E-08	0.058994844
371741.973773312.21	371741.97	3773312.2	3.03044E-05	0	0.002315577	0	0	0	0	0	0	2.30335E-10	4.51702E-08	4.54005E-08	0.045400519
371741.973773332.21	371741.97	3773332.2	2.39558E-05	0	0.001830477	0	0	0	0	0	0	1.82081E-10	3.57073E-08	3.58894E-08	0.035889365
371741.973773352.21	371741.97	3773352.2	1.97733E-05	0	0.001510894	0	0	0	0	0	0	1.50292E-10	2.94732E-08	2.96234E-08	0.029623443
371741.973773372.21	371741.97	3773372.2	1.67458E-05	0	0.001279557	0	0	0	0	0	0	1.2728E-10	2.49604E-08	2.50877E-08	0.025087708
371761.973773132.21	371761.97	3773132.2	0.000495988	0	0.03789879	0	0	0	0	0	0	3.76986E-09	7.39295E-07	7.43065E-07	0.743065093
371761.973773152.21	371761.97	3773152.2	0.000356779	0	0.027261683	0	0	0	0	0	0	2.71177E-09	5.31796E-07	5.34508E-07	0.534507961
371761.973773172.21	371761.97	3773172.2	0.000272417	0	0.020815552	0	0	0	0	0	0	2.07056E-09	4.06051E-07	4.08121E-07	0.408121471
371761.973773212.21	371761.97	3773212.2	0.000149558	0	0.011427817	0	0	0	0	0	0	1.13675E-09	2.22923E-07	2.2406E-07	0.224060233
371761.973773232.21	371761.97	3773232.2	0.000103704	0	0.007924053	0	0	0	0	0	0	7.88221E-10	1.54575E-07	1.55363E-07	0.155363462
371761.973773252.21	371761.97	3773252.2	7.98809E-05	0	0.00610375	0	0	0	0	0	0	6.07152E-10	1.19066E-07	1.19674E-07	0.119673573
371761.973773272.21	371761.97	3773272.2	5.97787E-05	0	0.004567732	0	0	0	0	0	0	4.54361E-10	8.91032E-08	8.95575E-08	0.089557531
371761.973773292.21	371761.97	3773292.2	4.18374E-05	0	0.003196823	0	0	0	0	0	0	3.17994E-10	6.23607E-08	6.26787E-08	0.062678714
371761.973773312.21	371761.97	3773312.2	3.28293E-05	0	0.00250851	0	0	0	0	0	0	2.49526E-10	4.89337E-08	4.91833E-08	0.049183257
371761.973773332.21	371761.97	3773332.2	2.63148E-05	0	0.002010732	0	0	0	0	0	0	2.00011E-10	3.92235E-08	3.94235E-08	0.039423542
371761.973773352.21	371761.97	3773352.2	2.17664E-05	0	0.001663184	0	0	0	0	0	0	1.6544E-10	3.24439E-08	3.26093E-08	0.032609321
371761.973773372.21	371761.97	3773372.2	1.81321E-05	0	0.001385486	0	0	0	0	0	0	1.37817E-10	2.70268E-08	2.71646E-08	0.027164629
371781.973773132.21	371781.97	3773132.2	0.000493224	0	0.037687552	0	0	0	0	0	0	3.74885E-09	7.35175E-07	7.38923E-07	0.738923437
371781.973773152.21	371781.97	3773152.2	0.000359342	0	0.02745758	0	0	0	0	0	0	2.73126E-09	5.35618E-07	5.38349E-07	0.538348836
371781.973773212.21	371781.97	3773212.2	0.000158089	0	0.012079713	0	0	0	0	0	0	1.20159E-09	2.3564E-07	2.36842E-07	0.236841683
371781.973773232.21	371781.97	3773232.2	0.000120562	0	0.009212239	0	0	0	0	0	0	9.16359E-10	1.79704E-07	1.8062E-07	0.18062036
371781.973773252.21	371781.97	3773252.2	8.88202E-05	0	0.006786808	0	0	0	0	0	0	6.75097E-10	1.32391E-07	1.33066E-07	0.133065985
371781.973773272.21	371781.97	3773272.2	6.50178E-05	0	0.004968049	0	0	0	0	0	0	4.94181E-10	9.69122E-08	9.74064E-08	0.097406383
371781.973773292.21	371781.97	3773292.2	4.63547E-05	0	0.003541991	0	0	0	0	0	0	3.52329E-10	6.9094E-08	6.94463E-08	0.069446286
371781.973773312.21	371781.97	3773312.2	3.58466E-05	0	0.002739066	0	0	0	0	0	0	2.7246E-10	5.34312E-08	5.37037E-08	0.053703675
371781.973773332.21	371781.97	3773332.2	2.86727E-05	0	0.002190898	0	0	0	0	0	0	2.17933E-10	4.2738E-08	4.2956E-08	0.042955977
371781.973773352.21	371781.97	3773352.2	2.31734E-05	0	0.001770694	0	0	0	0	0	0	1.76134E-10	3.45411E-08	3.47172E-08	0.034717225
371781.973773372.21	371781.97	3773372.2	1.91538E-05	0	0.001463558	0	0	0	0	0	0	1.45583E-10	2.85498E-08	2.86953E-08	0.028695339
371801.973773132.21	371801.97	3773132.2	0.000491261	0	0.03753757	0	0	0	0	0	0	3.73393E-09	7.32249E-07	7.35983E-07	0.735982815
371801.973773152.21	371801.97	3773152.2	0.00035797	0	0.027352716	0	0	0	0	0	0	2.72083E-09	5.33572E-07	5.36293E-07	0.536292803
371801.973773192.21	371801.97	3773192.2	0.000215164	0	0.016440823	0	0	0	0	0	0	1.6354E-09	3.20713E-07	3.22348E-07	0.322348071
371801.973773212.21	371801.97	3773212.2	0.000164786	0	0.012591376	0	0	0	0	0	0	1.25249E-09	2.45621E-07	2.46874E-07	0.246873633
371801.973773232.21	371801.97	3773232.2	0.000123317	0	0.009422731	0	0	0	0	0	0	9.37297E-10	1.8381E-07	1.84747E-07	0.184747395
371801.973773252.21	371801.97	3773252.2	9.41273E-05	0	0.007192327	0	0	0	0	0	0	7.15434E-10	1.40301E-07	1.41017E-07	0.141016837
371801.973773272.21	371801.97	3773272.2	6.6893E-05	0	0.005111337	0	0	0	0	0	0	5.08434E-10	9.97073E-08	1.00216E-07	0.10021576
371801.973773292.21	371801.97	3773292.2	5.07281E-05	0	0.003876169	0	0	0	0	0	0	3.8557E-10	7.56128E-08	7.59984E-08	0.075998367
371801.973773312.21	371801.97	3773312.2	3.91932E-05	0	0.002994782	0	0	0	0	0	0	2.97897E-10	5.84195E-08	5.87174E-08	0.058717387
371801.973773332.21	371801.97	3773332.2	3.14225E-05	0	0.002401017	0	0	0	0	0	0	2.38834E-10	4.68369E-08	4.70757E-08	0.047075702
371801.973773352.21	371801.97	3773352.2	2.52013E-05	0	0.001925647	0	0	0	0	0	0	1.91548E-10	3.75638E-08	3.77553E-08	0.037755321
371801.973773372.21	371801.97	3773372.2	2.11269E-05	0	0.00161432	0	0	0	0	0	0	1.6058E-10	3.14907E-08	3.16513E-08	0.031651278
371821.973773132.21	371821.97	3773132.2	0.000484621	0	0.037030186	0	0	0	0	0	0	3.68346E-09	7.22351E-07	7.26035E-07	0.726034764
371821.973773152.21	371821.97	3773152.2	0.000352393	0	0.026926617	0	0	0	0	0	0	2.67844E-09	5.2526E-07	5.27938E-07	0.527938473
371821.973773192.21	371821.97	3773192.2	0.000214808	0	0.016413604	0	0	0	0	0	0	1.63269E-09	3.20182E-07	3.21814E-07	0.321814394
371821.973773212.21	371821.97	3773212.2	0.000171501	0	0.013104477	0	0	0	0	0	0	1.30353E-09	2.5563E-07	2.56934E-07	0.256933782
371821.973773232.21	371821.97	3773232.2	0.000124928	0	0.009545831	0	0	0	0	0	0	9.49542E-10	1.86211E-07	1.87161E-07	0.187160954
371821.973773252.21	371821.97	3773252.2	9.16005E-05	0	0.006999253	0	0	0	0	0	0	6.96229E-10	1.36535E-07	1.37231E-07	0.137231314
371821.973773272.21	371821.97	3773272.2	6.88333E-05	0	0.005259596	0	0	0	0	0	0	5.23182E-10	1.02599E-07	1.03123E-07	0.103122614
371821.973773292.21	371821.97	3773292.2	5.38382E-05	0	0.00411381	0	0	0	0	0	0	4.09208E-10	8.02485E-08	8.06577E-08	0.080657687
371821.973773312.21	371821.97	3773312.2	4.29014E-05	0	0.003278126	0	0	0	0	0	0	3.26081E-10	6.39467E-08	6.42728E-08	0.064272784
371821.973773332.21	371821.97	3773332.2	3.48254E-05	0	0.00266103	0	0	0	0	0	0	2.64698E-10	5.1909E-08	5.21737E-08	0.052173661
371821.973773352.21	371821.97	3773352.2	2.80678E-05	0	0.00214468	0	0	0	0	0	0	2.13335E-10	4.18365E-08	4.20498E-08	0.042049805
371821.973773372.21	371821.97	3773372.2	2.3593E-05	0	0.00180276	0	0	0	0	0	0	1.79324E-10	3.51666E-08	3.53459E-08	0.035345941
371841.973773132.21	371841.97	3773132.2	0.000484178	0	0.036996344	0	0	0	0	0	0	3.6801E-09	7.21691E-07	7.25371E-07	0.725371235
371841.973773152.21	371841.97	3773152.2	0.000350358	0	0.02677106	0	0	0	0	0	0	2.66297E-09	5.22226E-07	5.24889E-07	0.52488854
371841.973773192.21	371841.97	3773192.2	0.000214821	0	0.016414598	0	0	0	0	0	0	1.63279E-09	3.20201E-07	3.21834E-07	0.321833889
371841.973773212.21	371841.97	3773212.2	0.000169961	0	0.012986864	0	0	0	0	0	0	1.29183E-09	2.53336E-07	2.54628E-07	0.254627794
371841.973773232.21	371841.97	3773232.2	0.000125146	0	0.009562503	0	0	0	0	0	0	9.512E-10	1.86537E-07	1.87488E-07	0.187487844
371841.973773252.21	371841.97	3773252.2	9.18031E-05	0	0.007014736	0	0	0	0	0	0	6.97769E-10	1.36837E-07	1.37535E-07	0.13753488
371841.973773272.21	371841.97	3773272.2	7.13536E-05	0	0.005452173	0	0	0	0	0	0	5.42338E-10	1.06356E-07	1.06898E-07	0.106898389
371841.973773292.21	371841.97	3773292.2	5.82625E-05	0	0.004451877	0	0	0	0	0	0	4.42837E-10	8.68432E-08	8.7286E-08	0.087286009

371841.973773312.21	371841.97	3773312.2	4.69956E-05	0	0.003590961	0	0	0	0	0	0	3.572E-10	7.00492E-08	7.04064E-08	0.070406418
371841.973773332.21	371841.97	3773332.2	3.88391E-05	0	0.002967722	0	0	0	0	0	0	2.95205E-10	5.78916E-08	5.81868E-08	0.058186843
371841.973773352.21	371841.97	3773352.2	3.34349E-05	0	0.002554781	0	0	0	0	0	0	2.54129E-10	4.98363E-08	5.00905E-08	0.050090474
371841.973773372.21	371841.97	3773372.2	2.82981E-05	0	0.002162276	0	0	0	0	0	0	2.15086E-10	4.21797E-08	4.23948E-08	0.042394798
371861.973773132.21	371861.97	3773132.2	0.000473252	0	0.036161512	0	0	0	0	0	0	3.59705E-09	7.05406E-07	7.09003E-07	0.709003042
371861.973773152.21	371861.97	3773152.2	0.000343384	0	0.02623818	0	0	0	0	0	0	2.60996E-09	5.11831E-07	5.14441E-07	0.514440579
371861.973773192.21	371861.97	3773192.2	0.000215017	0	0.016429566	0	0	0	0	0	0	1.63428E-09	3.20493E-07	3.22127E-07	0.322127359
371861.973773212.21	371861.97	3773212.2	0.00017023	0	0.013007389	0	0	0	0	0	0	1.29387E-09	2.53736E-07	2.5503E-07	0.255030228
371861.973773232.21	371861.97	3773232.2	0.000123402	0	0.00942923	0	0	0	0	0	0	9.37943E-10	1.83937E-07	1.84875E-07	0.184874809
371861.973773252.21	371861.97	3773252.2	9.45474E-05	0	0.00722443	0	0	0	0	0	0	7.18628E-10	1.40928E-07	1.41646E-07	0.141646249
371861.973773272.21	371861.97	3773272.2	7.61739E-05	0	0.005820495	0	0	0	0	0	0	5.78976E-10	1.13541E-07	1.1412E-07	0.114119917
371861.973773292.21	371861.97	3773292.2	6.35977E-05	0	0.004859545	0	0	0	0	0	0	4.83388E-10	9.47956E-08	9.5279E-08	0.095278984
371861.973773312.21	371861.97	3773312.2	5.38863E-05	0	0.004117486	0	0	0	0	0	0	4.09574E-10	8.03202E-08	8.07297E-08	0.080729749
371861.973773332.21	371861.97	3773332.2	4.65452E-05	0	0.003556551	0	0	0	0	0	0	3.53777E-10	6.9378E-08	6.97317E-08	0.069731749
371861.973773352.21	371861.97	3773352.2	4.05391E-05	0	0.003097622	0	0	0	0	0	0	3.08126E-10	6.04256E-08	6.07337E-08	0.060733734
371861.973773372.21	371861.97	3773372.2	3.36823E-05	0	0.00257369	0	0	0	0	0	0	2.5601E-10	5.02052E-08	5.04612E-08	0.050461228
371881.973773132.21	371881.97	3773132.2	0.000465331	0	0.035556242	0	0	0	0	0	0	3.53685E-09	6.93599E-07	6.97136E-07	0.697135771
371881.973773152.21	371881.97	3773152.2	0.000341489	0	0.026093365	0	0	0	0	0	0	2.59556E-09	5.09006E-07	5.11601E-07	0.511601262
371881.973773192.21	371881.97	3773192.2	0.000212133	0	0.016209237	0	0	0	0	0	0	1.61236E-09	3.16195E-07	3.17807E-07	0.317807462
371881.973773212.21	371881.97	3773212.2	0.000170584	0	0.013034467	0	0	0	0	0	0	1.29656E-09	2.54265E-07	2.55561E-07	0.25556112
371881.973773232.21	371881.97	3773232.2	0.000127569	0	0.009747641	0	0	0	0	0	0	9.69616E-10	1.90148E-07	1.91118E-07	0.191117755
371881.973773252.21	371881.97	3773252.2	0.000105693	0	0.008076094	0	0	0	0	0	0	8.03344E-10	1.57541E-07	1.58344E-07	0.158344466
371881.973773272.21	371881.97	3773272.2	9.20506E-05	0	0.007033646	0	0	0	0	0	0	6.9965E-10	1.37206E-07	1.37906E-07	0.137905634
371881.973773292.21	371881.97	3773292.2	7.66958E-05	0	0.005860374	0	0	0	0	0	0	5.82943E-10	1.14319E-07	1.14902E-07	0.114901809
371881.973773312.21	371881.97	3773312.2	6.5216E-05	0	0.004983195	0	0	0	0	0	0	4.95688E-10	9.72076E-08	9.77033E-08	0.097703334
371881.973773332.21	371881.97	3773332.2	5.48381E-05	0	0.004190212	0	0	0	0	0	0	4.16808E-10	8.17389E-08	8.21557E-08	0.082155674
371881.973773352.21	371881.97	3773352.2	4.60963E-05	0	0.003522247	0	0	0	0	0	0	3.50365E-10	6.87088E-08	6.90592E-08	0.06905917
371881.973773372.21	371881.97	3773372.2	3.74935E-05	0	0.0028649	0	0	0	0	0	0	2.84977E-10	5.58859E-08	5.61708E-08	0.056170845
371901.973773132.21	371901.97	3773132.2	0.000465066	0	0.035536036	0	0	0	0	0	0	3.53484E-09	6.93205E-07	6.9674E-07	0.696739603
371901.973773152.21	371901.97	3773152.2	0.00033849	0	0.025864211	0	0	0	0	0	0	2.57276E-09	5.04536E-07	5.07108E-07	0.507108347
371901.973773212.21	371901.97	3773212.2	0.000171702	0	0.013119853	0	0	0	0	0	0	1.30506E-09	2.5593E-07	2.57235E-07	0.257235259
371901.973773232.21	371901.97	3773232.2	0.000142155	0	0.010862124	0	0	0	0	0	0	1.08048E-09	2.11888E-07	2.12969E-07	0.212968935
371901.973773252.21	371901.97	3773252.2	0.000118882	0	0.009083866	0	0	0	0	0	0	9.03589E-10	1.772E-07	1.78103E-07	0.178103408
371901.973773272.21	371901.97	3773272.2	0.000103201	0	0.007885648	0	0	0	0	0	0	7.844E-10	1.53826E-07	1.5461E-07	0.154610466
371901.973773292.21	371901.97	3773292.2	8.62553E-05	0	0.006590821	0	0	0	0	0	0	6.55602E-10	1.28568E-07	1.29223E-07	0.129223369
371901.973773312.21	371901.97	3773312.2	7.32125E-05	0	0.005594218	0	0	0	0	0	0	5.56467E-10	1.09127E-07	1.09683E-07	0.109683398

9160-9176 Sunset EIR Project

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

UTM X - MEIR: 371681.97 | UTM Y - MEIR: 3773132.21

Cancer Risk Summary

Max Risk: 8.796648

School Risk: 0.2691297

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
371681.973773132.21	371681.97	3773132.2	8.1064407	0.690207017	8.7966477
371661.973773132.21	371661.97	3773132.2	7.747995939	0.604430483	8.3524264
371701.973773132.21	371701.97	3773132.2	7.124558987	0.720209569	7.8447686
371641.973773132.21	371641.97	3773132.2	6.300779688	0.465244441	6.7660241
371721.973773132.21	371721.97	3773132.2	5.787967747	0.737344337	6.5253121
371681.973773152.21	371681.97	3773152.2	5.640470762	0.449692255	6.090163
371701.973773152.21	371701.97	3773152.2	5.600995785	0.493948135	6.0949439
371619.723773020.25	371619.72	3773020.3	6.918821007	0.296727381	7.2155484
371721.973773152.21	371721.97	3773152.2	5.01354168	0.514640403	5.5281821
371661.973773152.21	371661.97	3773152.2	4.796355083	0.355088636	5.1514437
371619.723773014.76	371619.72	3773014.8	5.930233836	0.257096705	6.1873305
371741.973773132.21	371741.97	3773132.2	4.529323483	0.770447997	5.2997715
371629.723773020.25	371629.72	3773020.3	5.365619225	0.292604176	5.6582234
371590.043773001.54	371590.04	3773001.5	5.546142926	0.164546333	5.7106893
371741.973773152.21	371741.97	3773152.2	4.246828832	0.527260323	4.7740892
371580.043773001.54	371580.04	3773001.5	5.449324669	0.149588398	5.5989131
371600.043773001.54	371600.04	3773001.5	5.307382107	0.177471908	5.484854
371721.973773172.21	371721.97	3773172.2	4.063109061	0.374129393	4.4372385
371621.973773132.21	371621.97	3773132.2	4.159377407	0.29200888	4.4513863
371701.973773172.21	371701.97	3773172.2	4.035568559	0.332714918	4.3682835
371570.043773001.54	371570.04	3773001.5	5.044212668	0.13420192	5.1784146
371741.973773172.21	371741.97	3773172.2	3.746980316	0.395076838	4.1420572
371639.723773020.25	371639.72	3773020.3	4.409843862	0.289458856	4.6993027
371629.723773014.76	371629.72	3773014.8	4.599504815	0.258009491	4.8575143
371610.043773001.54	371610.04	3773001.5	4.751364358	0.186724403	4.9380888
371681.973773172.21	371681.97	3773172.2	3.675995785	0.279938303	3.9559341
371641.973773152.21	371641.97	3773152.2	3.579748762	0.252823109	3.8325719
371761.973773152.21	371761.97	3773152.2	3.486472717	0.534507961	4.0209807
371761.973773132.21	371761.97	3773132.2	3.466989148	0.743065093	4.2100542
371619.723773004.76	371619.72	3773004.8	4.396119592	0.205195627	4.6013152
371761.973773172.21	371761.97	3773172.2	3.303489598	0.408121471	3.7116111
371649.723773020.25	371649.72	3773020.3	3.739121187	0.289080791	4.028202
371589.873772991.4	371589.87	3772991.4	4.094949684	0.136325838	4.2312755
371579.873772991.4	371579.87	3772991.4	4.086515331	0.125903638	4.212419
371639.723773014.76	371639.72	3773014.8	3.700850709	0.258411577	3.9592623
371741.973773192.21	371741.97	3773192.2	3.031935444	0.28810569	3.3200411
371721.973773192.21	371721.97	3773192.2	3.01930475	0.258791034	3.2780958
371599.873772991.4	371599.87	3772991.4	3.898692145	0.14559017	4.0442823
371569.873772991.4	371569.87	3772991.4	3.872842635	0.114717998	3.9875606
371661.973773172.21	371661.97	3773172.2	2.984437132	0.215719131	3.2001563
371781.973773152.21	371781.97	3773152.2	2.814392951	0.538348836	3.3527418
371701.973773192.21	371701.97	3773192.2	2.833207954	0.224226637	3.0574346
371659.723773020.25	371659.72	3773020.3	3.092357928	0.286084122	3.378442
371629.723773004.76	371629.72	3773004.8	3.480509939	0.207479334	3.6879893
371609.873772991.4	371609.87	3772991.4	3.519785489	0.152994812	3.6727803
371649.723773014.76	371649.72	3773014.8	3.142617449	0.260575877	3.4031933
371781.973773132.21	371781.97	3773132.2	2.666455014	0.738923437	3.4053785
371619.723772994.76	371619.72	3772994.8	3.296879608	0.167746656	3.4646263
371681.973773192.21	371681.97	3773192.2	2.465794318	0.184384996	2.6501793
371741.973773212.21	371741.97	3773212.2	2.364501942	0.21089097	2.5753929
371621.973773152.21	371621.97	3773152.2	2.416605769	0.170877355	2.5874831
371761.973773212.21	371761.97	3773212.2	2.294610958	0.224060233	2.5186712
371601.973773132.21	371601.97	3773132.2	2.387347891	0.175563828	2.5629117
371801.973773192.21	371801.97	3773192.2	2.260726348	0.322348071	2.5830744
371801.973773152.21	371801.97	3773152.2	2.257846017	0.536292803	2.7941388
371659.723773014.76	371659.72	3773014.8	2.58461624	0.255889751	2.840506
371639.723773004.76	371639.72	3773004.8	2.770834108	0.208745817	2.9795799
371781.973773212.21	371781.97	3773212.2	2.181011782	0.236841683	2.4178535
371641.973773172.21	371641.97	3773172.2	2.190753052	0.155230478	2.3459835
371629.723772994.76	371629.72	3772994.8	2.695516606	0.170821306	2.8663379
371801.973773132.21	371801.97	3773132.2	2.07081366	0.735982815	2.8067965
371801.973773212.21	371801.97	3773212.2	2.017179015	0.246873633	2.2640526
371678.383773018.96	371678.38	3773019	2.178828626	0.280935685	2.4597643
371619.723772984.76	371619.72	3772984.8	2.556595765	0.140698998	2.6972948
371821.973773192.21	371821.97	3773192.2	1.940978532	0.321814394	2.2627929
371649.723773004.76	371649.72	3773004.8	2.311401431	0.2115263	2.5229277
371661.973773192.21	371661.97	3773192.2	1.931546799	0.139994391	2.0715412
371579.723772970.33	371579.72	3772970.3	2.432222277	0.092869255	2.5250915
371821.973773212.21	371821.97	3773212.2	1.835771957	0.256933782	2.0927057
371589.723772970.33	371589.72	3772970.3	2.394995972	0.098825693	2.4938217
371569.723772970.33	371569.72	3772970.3	2.391331809	0.08666704	2.4779988
371821.973773152.21	371821.97	3773152.2	1.809614947	0.527938473	2.3375534
371781.973773232.21	371781.97	3773232.2	1.798596136	0.18062036	1.9792165
371639.723772994.76	371639.72	3772994.8	2.192402742	0.173035388	2.3654381
371599.723772970.33	371599.72	3772970.3	2.273580099	0.104129742	2.3777098

Max GLC for Chronic Calcs

0.165149

0.007305

XY	X	Y	2026	2027	Max
371629.723772904.76	371629.72	3772904.8	0.0129198	0.001575	0.0129198
371639.723772904.76	371639.72	3772904.8	0.0122471	0.001494	0.0122471
371649.723772904.76	371649.72	3772904.8	0.0116072	0.0014117	0.0116072
371659.723772904.76	371659.72	3772904.8	0.0109037	0.0013161	0.0109037
371599.723772914.76	371599.72	3772914.8	0.0166388	0.0020223	0.0166388
371609.723772914.76	371609.72	3772914.8	0.0159813	0.0019582	0.0159813
371619.723772914.76	371619.72	3772914.8	0.0152436	0.0018804	0.0152436
371629.723772914.76	371629.72	3772914.8	0.0144915	0.0017952	0.0144915
371639.723772914.76	371639.72	3772914.8	0.0136604	0.0016924	0.0136604
371649.723772914.76	371649.72	3772914.8	0.0128195	0.0015813	0.0128195
371659.723772914.76	371659.72	3772914.8	0.0120051	0.0014686	0.0120051
371569.723772924.76	371569.72	3772924.8	0.0200691	0.0024424	0.0200691
371579.723772924.76	371579.72	3772924.8	0.0199583	0.0024373	0.0199583
371589.723772924.76	371589.72	3772924.8	0.0196018	0.002408	0.0196018
371599.723772924.76	371599.72	3772924.8	0.0190603	0.0023595	0.0190603
371609.723772924.76	371609.72	3772924.8	0.0181789	0.0022669	0.0181789
371619.723772924.76	371619.72	3772924.8	0.0172272	0.0021618	0.0172272
371629.723772924.76	371629.72	3772924.8	0.0163595	0.0020619	0.0163595
371639.723772924.76	371639.72	3772924.8	0.0152961	0.0019265	0.0152961
371649.723772924.76	371649.72	3772924.8	0.0142603	0.0017868	0.0142603
371659.723772924.76	371659.72	3772924.8	0.0132833	0.0016493	0.0132833
371569.723772934.76	371569.72	3772934.8	0.0230958	0.0028784	0.0230958
371579.723772934.76	371579.72	3772934.8	0.02309	0.0028829	0.02309
371589.723772934.76	371589.72	3772934.8	0.022783	0.0028583	0.022783
371599.723772934.76	371599.72	3772934.8	0.0220102	0.002779	0.0220102
371609.723772934.76	371609.72	3772934.8	0.0208518	0.0026498	0.0208518
371619.723772934.76	371619.72	3772934.8	0.0196474	0.0025115	0.0196474
371629.723772934.76	371629.72	3772934.8	0.0185602	0.0023825	0.0185602
371639.723772934.76	371639.72	3772934.8	0.0172999	0.0022191	0.0172999
371649.723772934.76	371649.72	3772934.8	0.0160442	0.0020467	0.0160442
371659.723772934.76	371659.72	3772934.8	0.0147914	0.0018679	0.0147914
371569.723772944.76	371569.72	3772944.8	0.0269076	0.0034441	0.0269076
371579.723772944.76	371579.72	3772944.8	0.0270304	0.0034591	0.0270304
371589.723772944.76	371589.72	3772944.8	0.0266055	0.0034143	0.0266055
371599.723772944.76	371599.72	3772944.8	0.0256266	0.0033051	0.0256266
371609.723772944.76	371609.72	3772944.8	0.0243085	0.0031545	0.0243085
371619.723772944.76	371619.72	3772944.8	0.0228768	0.0029865	0.0228768
371629.723772944.76	371629.72	3772944.8	0.0212639	0.0027846	0.0212639
371639.723772944.76	371639.72	3772944.8	0.0196105	0.0025649	0.0196105
371649.723772944.76	371649.72	3772944.8	0.0180239	0.0023434	0.0180239
371659.723772944.76	371659.72	3772944.8	0.0165526	0.0021314	0.0165526
371569.723772954.76	371569.72	3772954.8	0.0317949	0.0041938	0.0317949
371579.723772954.76	371579.72	3772954.8	0.0321041	0.0042236	0.0321041
371589.723772954.76	371589.72	3772954.8	0.0316534	0.0041671	0.0316534
371599.723772954.76	371599.72	3772954.8	0.0304639	0.0040242	0.0304639
371609.723772954.76	371609.72	3772954.8	0.0287519	0.0038174	0.0287519
371619.723772954.76	371619.72	3772954.8	0.0268438	0.0035837	0.0268438
371629.723772954.76	371629.72	3772954.8	0.0246591	0.0033014	0.0246591
371639.723772954.76	371639.72	3772954.8	0.0225334	0.0030138	0.0225334
371649.723772954.76	371649.72	3772954.8	0.0205245	0.00273	0.0205245
371659.723772954.76	371659.72	3772954.8	0.0186496	0.0024583	0.0186496
371569.723772964.76	371569.72	3772964.8	0.0381281	0.0052029	0.0381281
371579.723772964.76	371579.72	3772964.8	0.038824	0.0052702	0.038824
371589.723772964.76	371589.72	3772964.8	0.0385357	0.0052226	0.0385357
371599.723772964.76	371599.72	3772964.8	0.0370066	0.0050218	0.0370066
371609.723772964.76	371609.72	3772964.8	0.0347277	0.0047297	0.0347277
371619.723772964.76	371619.72	3772964.8	0.032078	0.0043902	0.032078
371629.723772964.76	371629.72	3772964.8	0.0290342	0.0039852	0.0290342
371639.723772964.76	371639.72	3772964.8	0.0261299	0.0035849	0.0261299
371649.723772964.76	371649.72	3772964.8	0.0235521	0.0032182	0.0235521
371659.723772964.76	371659.72	3772964.8	0.0212123	0.0028797	0.0212123
371569.723772970.33	371569.72	3772970.3	0.0424837	0.0059193	0.0424837
371579.723772970.33	371579.72	3772970.3	0.0434539	0.0060127	0.0434539
371589.723772970.33	371589.72	3772970.3	0.0431707	0.0059539	0.0431707
371599.723772970.33	371599.72	3772970.3	0.0415165	0.0057257	0.0415165
371609.723772970.33	371609.72	3772970.3	0.0389764	0.0053909	0.0389764
371619.723772974.76	371619.72	3772974.8	0.0389197	0.0054731	0.0389197
371629.723772974.76	371629.72	3772974.8	0.0345776	0.0048805	0.0345776
371639.723772974.76	371639.72	3772974.8	0.0305351	0.0043154	0.0305351
371649.723772974.76	371649.72	3772974.8	0.0271225	0.0038298	0.0271225
371659.723772974.76	371659.72	3772974.8	0.0243879	0.0034429	0.0243879
371619.723772984.76	371619.72	3772984.8	0.0479141	0.0069436	0.0479141
371629.723772984.76	371629.72	3772984.8	0.0416678	0.0060754	0.0416678
371639.723772984.76	371639.72	3772984.8	0.0361141	0.0052976	0.0361141
371649.723772984.76	371649.72	3772984.8	0.031666	0.0046749	0.031666

371688.383773018.96	371688.38	3773019	1.884997937	0.285301186	2.1702991	371688.38 3773018.96
371761.973773232.21	371761.97	3773232.2	1.691199985	0.155363462	1.8465634	371761.97 3773232.21
371801.973773232.21	371801.97	3773232.2	1.678463224	0.184747395	1.8632106	371801.97 3773232.21
371629.723772984.76	371629.72	3772984.8	2.152579651	0.144031609	2.2966113	371629.72 3772984.76
371681.973773212.21	371681.97	3773212.2	1.682732488	0.125932881	1.8086654	371681.97 3773212.21
371841.973773192.21	371841.97	3773192.2	1.655404019	0.321833889	1.9772379	371841.97 3773192.21
371659.723773004.76	371659.72	3773004.8	1.94685567	0.211192447	2.1580481	371659.72 3773004.76
371741.973773232.21	371741.97	3773232.2	1.639928005	0.140391951	1.78032	371741.97 3773232.21
371579.723772964.76	371579.72	3772964.8	2.161117378	0.086680269	2.2477976	371579.72 3772964.76
371821.973773132.21	371821.97	3773132.2	1.626726098	0.726034764	2.3527609	371821.97 3773132.21
371569.723772964.76	371569.72	3772964.8	2.1352856	0.081158293	2.2164439	371569.72 3772964.76
371589.723772964.76	371589.72	3772964.8	2.12548535	0.092044544	2.2175299	371589.72 3772964.76
371841.973773212.21	371841.97	3773212.2	1.60049484	0.254627794	1.8551226	371841.97 3773212.21
371609.723772970.33	371609.72	3772970.3	2.09721473	0.109180356	2.2063951	371609.72 3772970.33
371619.723772974.76	371619.72	3772974.8	2.055212944	0.120931353	2.1761443	371619.72 3772974.76
371721.973773232.21	371721.97	3773232.2	1.577322443	0.127609456	1.7049319	371721.97 3773232.21
371821.973773232.21	371821.97	3773232.2	1.535899426	0.187160954	1.7230604	371821.97 3773232.21
371599.723772964.76	371599.72	3772964.8	2.014393551	0.096594205	2.1109878	371599.72 3772964.76
371698.383773018.96	371698.38	3773019	1.624898041	0.28752606	1.9124241	371698.38 3773018.96
371678.383773008.96	371678.38	3773009	1.67386053	0.231119534	1.9049801	371678.38 3773008.96
371649.723772994.76	371649.72	3772994.8	1.819560446	0.175058697	1.9946191	371649.72 3772994.76
371841.973773152.21	371841.97	3773152.2	1.462029813	0.52488854	1.9869184	371841.97 3773152.21
371621.973773172.21	371621.97	3773172.2	1.503950538	0.110413419	1.614364	371621.97 3773172.21
371601.973773152.21	371601.97	3773152.2	1.509291249	0.116899008	1.6261903	371601.97 3773152.21
371609.723772964.76	371609.72	3772964.8	1.857229817	0.10079365	1.9580235	371609.72 3772964.76
371639.723772984.76	371639.72	3772984.8	1.794602528	0.146616098	1.9412186	371639.72 3772984.76
371641.973773192.21	371641.97	3773192.2	1.44718903	0.105348184	1.5525372	371641.97 3773192.21
371861.973773192.21	371861.97	3773192.2	1.406534208	0.322127359	1.7286616	371861.97 3773192.21
371861.973773212.21	371861.97	3773212.2	1.395004487	0.255030228	1.6500347	371861.97 3773212.21
371781.973773252.21	371781.97	3773252.2	1.395757925	0.133065985	1.5288239	371781.97 3773252.21
371701.973773232.21	371701.97	3773232.2	1.402619187	0.108860776	1.51148	371701.97 3773232.21
371841.973773232.21	371841.97	3773232.2	1.377501456	0.187487844	1.5649893	371841.97 3773232.21
371629.723772974.76	371629.72	3772974.8	1.771428775	0.124142816	1.8955716	371629.72 3772974.76
371801.973773252.21	371801.97	3773252.2	1.368550462	0.141016837	1.5095673	371801.97 3773252.21
371761.973773252.21	371761.97	3773252.2	1.343309523	0.119673573	1.4629831	371761.97 3773252.21
371579.723772954.76	371579.72	3772954.8	1.769733542	0.077039264	1.8467728	371579.72 3772954.76
371569.723772954.76	371569.72	3772954.8	1.764673325	0.072618411	1.8372917	371569.72 3772954.76
371688.383773008.96	371688.38	3773009	1.483851546	0.234859801	1.7187113	371688.38 3773008.96
371589.723772954.76	371589.72	3772954.8	1.727872761	0.081175699	1.8090485	371589.72 3772954.76
371708.383773018.96	371708.38	3773019	1.407598152	0.289002115	1.6966003	371708.38 3773018.96
371841.973773132.21	371841.97	3773132.2	1.293767263	0.725371235	2.0191385	371841.97 3773132.21
371619.723772964.76	371619.72	3772964.8	1.677161871	0.104858718	1.7820206	371619.72 3772964.76
371659.723772994.76	371659.72	3772994.8	1.555252651	0.17732848	1.7325811	371659.72 3772994.76
371661.973773212.21	371661.97	3773212.2	1.300136175	0.096055305	1.3961915	371661.97 3773212.21
371741.973773252.21	371741.97	3773252.2	1.254812645	0.105696658	1.3605093	371741.97 3773252.21
371599.723772954.76	371599.72	3772954.8	1.640851558	0.084893338	1.7257449	371599.72 3772954.76
371821.973773252.21	371821.97	3773252.2	1.21815211	0.137231314	1.3553834	371821.97 3773252.21
371881.973773212.21	371881.97	3773212.2	1.21065199	0.25556112	1.4662131	371881.97 3773212.21
371861.973773232.21	371861.97	3773232.2	1.206520982	0.184874809	1.3913958	371861.97 3773232.21
371649.723772984.76	371649.72	3772984.8	1.507692492	0.148746978	1.6564395	371649.72 3772984.76
371881.973773192.21	371881.97	3773192.2	1.186589828	0.317807462	1.5043973	371881.97 3773192.21
371861.973773152.21	371861.97	3773152.2	1.189203433	0.514440579	1.703644	371861.97 3773152.21
371639.723772974.76	371639.72	3772974.8	1.508707164	0.126684137	1.6353913	371639.72 3772974.76
371681.973773232.21	371681.97	3773232.2	1.195828283	0.090730368	1.2865587	371681.97 3773232.21
371698.383773008.96	371698.38	3773009	1.304671448	0.236441338	1.5411128	371698.38 3773008.96
371609.723772954.76	371609.72	3772954.8	1.521897356	0.088316114	1.6102135	371609.72 3772954.76
371721.973773252.21	371721.97	3773252.2	1.156228072	0.09324732	1.2494754	371721.97 3773252.21
371718.383773018.96	371718.38	3773019	1.229009708	0.290377213	1.5193869	371718.38 3773018.96
371629.723772964.76	371629.72	3772964.8	1.475561573	0.107924317	1.5834859	371629.72 3772964.76
371678.383772998.96	371678.38	3772999	1.329544296	0.193563689	1.523108	371678.38 3772998.96
371841.973773252.21	371841.97	3773252.2	1.105631193	0.13753488	1.2431661	371841.97 3773252.21
371569.723772944.76	371569.72	3772944.8	1.480428558	0.065477996	1.5459066	371569.72 3772944.76
371579.723772944.76	371579.72	3772944.8	1.476237387	0.069135061	1.5453724	371579.72 3772944.76
371881.973773232.21	371881.97	3773232.2	1.099598614	0.191117755	1.2907164	371881.97 3773232.21
371589.723772944.76	371589.72	3772944.8	1.438331331	0.072552267	1.5108836	371589.72 3772944.76
371619.723772954.76	371619.72	3772954.8	1.390401587	0.091798767	1.4822004	371619.72 3772954.76
371901.973773232.21	371901.97	3773232.2	1.058393271	0.212968935	1.2713622	371901.97 3773232.21
371901.973773212.21	371901.97	3773212.2	1.050796632	0.257235259	1.3080319	371901.97 3773212.21
371781.973773272.21	371781.97	3773272.2	1.049766038	0.097406383	1.1471724	371781.97 3773272.21
371659.723772984.76	371659.72	3772984.8	1.295622609	0.151205444	1.4468281	371659.72 3772984.76
371861.973773132.21	371861.97	3773132.2	1.045108905	0.709003042	1.7541119	371861.97 3773132.21
371708.383773008.96	371708.38	3773009	1.150635753	0.237567874	1.3882036	371708.38 3773008.96
371881.973773252.21	371881.97	3773252.2	1.035695998	0.158344466	1.1940405	371881.97 3773252.21
371688.383772998.96	371688.38	3772999	1.195405359	0.196676633	1.392082	371688.38 3772998.96
371901.973773252.21	371901.97	3773252.2	1.031440637	0.178103408	1.209544	371901.97 3773252.21
371599.723772944.76	371599.72	3772944.8	1.366863329	0.075564602	1.4424279	371599.72 3772944.76
371861.973773252.21	371861.97	3773252.2	1.026536852	0.141646249	1.1681831	371861.97 3773252.21
371761.973773272.21	371761.97	3773272.2	1.02094851	0.089557531	1.110506	371761.97 3773272.21
371649.723772974.76	371649.72	3772974.8	1.286939157	0.128827898	1.4157671	371649.72 3772974.76
371801.973773272.21	371801.97	3773272.2	1.006989997	0.10021576	1.1072058	371801.97 3773272.21
371901.973773272.21	371901.97	3773272.2	1.003868232	0.154610466	1.1584787	371901.97 3773272.21
371881.973773272.21	371881.97	3773272.2	0.997015663	0.137905634	1.1349213	371881.97 3773272.21
371639.723772964.76	371639.72	3772964.8	1.28416936	0.110557891	1.3947273	371639.72 3772964.76
371701.973773252.21	371701.97	3773252.2	1.010993954	0.079244295	1.0902382	371701.97 3773252.21

371659.723772984.76	371659.72	3772984.8	0.0284243	0.0042383	0.0284243
371569.873772991.4	371569.87	3772991.4	0.0674932	0.0103286	0.0674932
371579.873772991.4	371579.87	3772991.4	0.0714658	0.0107871	0.0714658
371589.873772991.4	371589.87	3772991.4	0.0721378	0.0107784	0.0721378
371599.873772991.4	371599.87	3772991.4	0.0694977	0.0103124	0.0694977
371609.873772991.4	371609.87	3772991.4	0.0638597	0.0094432	0.0638597
371619.723772994.76	371619.72	3772994.8	0.0610846	0.00917	0.0610846
371629.723772994.76	371629.72	3772994.8	0.0516894	0.007854	0.0516894
371639.723772994.76	371639.72	3772994.8	0.0438109	0.0067682	0.0438109
371649.723772994.76	371649.72	3772994.8	0.0379926	0.0059899	0.0379926
371659.723772994.76	371659.72	3772994.8	0.033912	0.0054776	0.033912
371570.043773001.54	371570.04	3773001.5	0.0871333	0.0140872	0.0871333
371580.043773001.54	371580.04	3773001.5	0.0943647	0.014981	0.0943647
371590.043773001.54	371590.04	3773001.5	0.0966746	0.0151346	0.0966746
371600.043773001.54	371600.04	3773001.5	0.0935467	0.0144839	0.0935467
371610.043773001.54	371610.04	3773001.5	0.0851877	0.0130926	0.0851877
371619.723773004.76	371619.72	3773004.8	0.0805036	0.0125961	0.0805036
371629.723773004.76	371629.72	3773004.8	0.0660754	0.0106202	0.0660754
371639.723773004.76	371639.72	3773004.8	0.0548678	0.0091632	0.0548678
371649.723773004.76	371649.72	3773004.8	0.0477155	0.0083305	0.0477155
371659.723773004.76	371659.72	3773004.8	0.0419079	0.0076019	0.0419079
371619.723773014.76	371619.72	3773014.8	0.1075925	0.0177031	0.1075925
371629.723773014.76	371629.72	3773014.8	0.0865044	0.0151342	0.0865044
371639.723773014.76	371639.72	3773014.8	0.0722581	0.0136983	0.0722581
371649.723773014.76	371649.72	3773014.8	0.0635101	0.0129444	0.0635101
371659.723773014.76	371659.72	3773014.8	0.0543982	0.0114887	0.0543982
371619.723773020.25	371619.72	3773020.3	0.1253772	0.0214507	0.1253772
371629.723773020.25	371629.72	3773020.3	0.1005039	0.0188898	0.1005039
371639.723773020.25	371639.72	3773020.3	0.0851769	0.0178511	0.0851769
371649.723773020.25	371649.72	3773020.3	0.0745093	0.0167972	0.0745093
371659.723773020.25	371659.72	3773020.3	0.0640677	0.0147979	0.0640677
371678.383772888.96	371678.38	3772889	0.0086006	0.0010007	0.0086006
371688.383772888.96	371688.38	3772889	0.0082068	0.0009434	0.0082068
371698.383772888.96	371698.38	3772889	0.0078264	0.0008879	0.0078264
371708.383772888.96	371708.38	3772889	0.0074614	0.0008351	0.0074614
371718.383772888.96	371718.38	3772889	0.0071115	0.0007855	0.0071115
371678.383772898.96	371678.38	3772899	0.0093247	0.0010955	0.0093247
371688.383772898.96	371688.38	3772899	0.0088391	0.0010249	0.0088391
371698.383772898.96	371698.38	3772899	0.0084311	0.0009648	0.0084311
371708.383772898.96	371708.38	3772899	0.0080554	0.0009099	0.0080554
371718.383772898.96	371718.38	3772899	0.007699	0.0008589	0.007699
371678.383772918.96	371678.38	3772919	0.0111199	0.0013382	0.0111199
371688.383772918.96	371688.38	3772919	0.0104382	0.001239	0.0104382
371698.383772918.96	371698.38	3772919	0.0099303	0.0011644	0.0099303
371708.383772918.96	371708.38	3772919	0.0094737	0.0010984	0.0094737
371718.383772918.96	371718.38	3772919	0.0090378	0.0010372	0.0090378
371678.383772928.96	371678.38	3772929	0.0122537	0.0014979	0.0122537
371688.383772928.96	371688.38	3772929	0.0115514	0.0013949	0.0115514
371698.383772928.96	371698.38	3772929	0.0109626	0.0013093	0.0109626
371708.383772928.96	371708.38	3772929	0.010453	0.0012366	0.010453
371718.383772928.96	371718.38	3772929	0.0099507	0.0011672	0.0099507
371678.383772938.96	371678.38	3772939	0.0135713	0.001691	0.0135713
371688.383772938.96	371688.38	3772939	0.0128032	0.0015793	0.0128032
371698.383772938.96	371698.38	3772939	0.0121057	0.0014797	0.0121057
371708.383772938.96	371708.38	3772939	0.0114708	0.0013912	0.0114708
371718.383772938.96	371718.38	3772939	0.0109454	0.0013198	0.0109454
371678.383772948.96	371678.38	3772949	0.0151066	0.0019283	0.0151066
371688.383772948.96	371688.38	3772949	0.0142345	0.0018041	0.0142345
371698.383772948.96	371698.38	3772949	0.0134494	0.0016946	0.0134494
371708.383772948.96	371708.38	3772949	0.0127574	0.0016001	0.0127574
371718.383772948.96	371718.38	3772949	0.0121748	0.0015221	0.0121748
371678.383772958.96	371678.38	3772959	0.0169513	0.0022337	0.0169513
371688.383772958.96	371688.38	3772959	0.0159399	0.0020943	0.0159399
371698.383772958.96	371698.38	3772959	0.015021	0.0019695	0.015021
371708.383772958.96	371708.38	3772959	0.0142419	0.001865	0.0142419
371718.383772958.96	371718.38	3772959	0.0135778	0.0017755	0.0135778
371678.383772968.96	371678.38	3772969	0.0192212	0.0026443	0.0192212
371688.383772968.96	371688.38	3772969	0.0180516	0.0024899	0.0180516
371698.383772968.96	371698.38	3772969	0.017004	0.0023506	0.017004
371708.383772968.96	371708.38	3772969	0.0161125	0.0022293	0.0161125
371718.383772968.96	371718.38	3772969	0.0153681	0.0021233	0.0153681
371678.383772978.96	371678.38	3772979	0.0221061	0.0032275	0.0221061
371688.383772978.96	371688.38	3772979	0.0207714	0.0030583	0.0207714
371698.383772978.96	371698.38	3772979	0.0195699	0.0028951	0.0195699
371708.383772978.96	371708.38	3772979	0.0185063	0.0027374	0.0185063
371718.383772978.96	371718.38	3772979	0.0176189	0.002593	0.0176189
371678.383772988.96	371678.38	3772989	0.0259327	0.0041057	0.0259327
371688.383772988.96	371688.38	3772989	0.0244138	0.0039097	0.0244138
371698.383772988.96	371698.38	3772989	0.0228329	0.0036618	0.0228329
371708.383772988.96	371708.38	3772989	0.0214216	0.003413	0.0214216
371718.383772988.96	371718.38	3772989	0.0203176	0.0031964	0.0203176
371678.383772998.96	371678.38	3772999	0.0311744	0.0054747	0.0311744
371688.383772998.96	371688.38	3772999	0.0292038	0.0051598	0.0292038
371698.383772998.96	371698.38	3772999	0.0271325	0.0047561	0.0271325

371621.973773192.21	371621.97	3773192.2	1.030904034	0.079066055	1.1099701	371621.97	3773192.21	371708.383772998.96	371708.38	3772999	0.0254078	0.0043796	0.0254078
371881.973773152.21	371881.97	3773152.2	0.980255416	0.511601262	1.4918567	371881.97	3773152.21	371718.383772998.96	371718.38	3772999	0.0240074	0.0040413	0.0240074
371641.973773212.21	371641.97	3773212.2	1.00124545	0.075469912	1.0767154	371641.97	3773212.21	371678.383773008.96	371678.38	3773009	0.0386127	0.0076386	0.0386127
371609.723772944.76	371609.72	3772944.8	1.274616433	0.078399045	1.3530155	371609.72	3772944.76	371688.383773008.96	371688.38	3773009	0.0357832	0.0070198	0.0357832
371821.973773272.21	371821.97	3773272.2	0.957828962	0.103122614	1.0609516	371821.97	3773272.21	371698.383773008.96	371698.38	3773009	0.0330125	0.006334	0.0330125
371601.973773172.21	371601.97	3773172.2	1.007829972	0.081795712	1.0896257	371601.97	3773172.21	371708.383773008.96	371708.38	3773009	0.0306176	0.005695	0.0306176
371629.723772954.76	371629.72	3772954.8	1.243676942	0.094617544	1.3382945	371629.72	3772954.76	371718.383773008.96	371718.38	3773009	0.0286441	0.0051341	0.0286441
371569.723772934.76	371569.72	3772934.8	1.260111907	0.05948222	1.3195941	371569.72	3772934.76	371678.383773018.96	371678.38	3773019	0.0492529	0.0109901	0.0492529
371579.723772934.76	371579.72	3772934.8	1.249900679	0.062499429	1.3124001	371579.72	3772934.76	371688.383773018.96	371688.38	3773019	0.0447981	0.0097207	0.0447981
371698.383772998.96	371698.38	3772999	1.063080416	0.19731997	1.2604004	371698.38	3772998.96	371698.383773018.96	371698.38	3773019	0.0407683	0.0085076	0.0407683
371718.383773008.96	371718.38	3773009	1.022022975	0.239023041	1.261046	371718.38	3773008.96	371708.383773018.96	371708.38	3773019	0.0373809	0.0074504	0.0373809
371901.973773292.21	371901.97	3773292.2	0.92323046	0.129223369	1.0524538	371901.97	3773292.21	371718.383773018.96	371718.38	3773019	0.0346049	0.0065578	0.0346049
371841.973773272.21	371841.97	3773272.2	0.913629724	0.106898389	1.0205281	371841.97	3773272.21	371734.813772871.37	371734.81	3772871.4	0.0058531	0.000626	0.0058531
371589.723772934.76	371589.72	3772934.8	1.220671711	0.065528823	1.2862005	371589.72	3772934.76	371754.813772871.37	371754.81	3772871.4	0.0054636	0.0005729	0.0054636
371678.383772988.96	371678.38	3772989	1.094492887	0.164712389	1.2592053	371678.38	3772988.96	371774.813772871.37	371774.81	3772871.4	0.005095	0.0005268	0.005095
371741.973773272.21	371741.97	3773272.2	0.91691443	0.077055626	0.9939701	371741.97	3773272.21	371734.813772911.37	371734.81	3772911.4	0.007919	0.0008842	0.007919
371881.973773292.21	371881.97	3773292.2	0.897031649	0.114901809	1.0119335	371881.97	3773292.21	371754.813772911.37	371754.81	3772911.4	0.0074018	0.0008168	0.0074018
371861.973773272.21	371861.97	3773272.2	0.894569613	0.114119917	1.0086895	371861.97	3773272.21	371774.813772911.37	371774.81	3772911.4	0.0069197	0.0007583	0.0069197
371619.723772944.76	371619.72	3772944.8	1.174857065	0.081345585	1.2562026	371619.72	3772944.76	371734.813772931.37	371734.81	3772931.4	0.0094906	0.0011095	0.0094906
371659.723772974.76	371659.72	3772974.8	1.108818966	0.130670181	1.2394891	371659.72	3772974.76	371754.813772931.37	371754.81	3772931.4	0.0088373	0.0010254	0.0088373
371599.723772934.76	371599.72	3772934.8	1.163569885	0.068113311	1.2316832	371599.72	3772934.76	371774.813772931.37	371774.81	3772931.4	0.0082489	0.0009505	0.0082489
371649.723772964.76	371649.72	3772964.8	1.114612525	0.112802956	1.2274155	371649.72	3772964.76	371734.813772951.37	371734.81	3772951.4	0.0117436	0.0014768	0.0117436
371721.973773272.21	371721.97	3773272.2	0.877573248	0.071219988	0.9487932	371721.97	3773272.21	371754.813772951.37	371754.81	3772951.4	0.0109008	0.0013569	0.0109008
371639.723772954.76	371639.72	3772954.8	1.101607082	0.097152599	1.1987597	371639.72	3772954.76	371774.813772951.37	371774.81	3772951.4	0.0101008	0.0012368	0.0101008
371681.973773252.21	371681.97	3773252.2	0.869473039	0.067376328	0.9368494	371681.97	3773252.21	371734.813772971.37	371734.81	3772971.4	0.0146313	0.0020261	0.0146313
371881.973773132.21	371881.97	3773132.2	0.854780276	0.697135771	1.551916	371881.97	3773132.21	371754.813772971.37	371754.81	3772971.4	0.0135444	0.0018267	0.0135444
371901.973773312.21	371901.97	3773312.2	0.842830639	0.109683398	0.952514	371901.97	3773312.21	371774.813772971.37	371774.81	3772971.4	0.0126005	0.0016384	0.0126005
371708.383772998.96	371708.38	3772999	0.951782066	0.198213261	1.1499953	371708.38	3772998.96	371734.813772991.37	371734.81	3772991.4	0.0194772	0.0030017	0.0194772
371688.383772988.96	371688.38	3772989	0.98994684	0.16744866	1.1573955	371688.38	3772988.96	371754.813772991.37	371754.81	3772991.4	0.0177944	0.002586	0.0177944
371581.973773152.21	371581.97	3773152.2	0.890625649	0.07883107	0.9694567	371581.97	3773152.21	371774.813772991.37	371774.81	3772991.4	0.0163607	0.0022264	0.0163607
371609.723772934.76	371609.72	3772934.8	1.083846772	0.070189883	1.1540367	371609.72	3772934.76	371734.813773011.37	371734.81	3773011.4	0.0270006	0.0045566	0.0270006
371629.723772944.76	371629.72	3772944.8	1.065015433	0.08388969	1.1489051	371629.72	3772944.76	371754.813773011.37	371754.81	3773011.4	0.0242309	0.0037118	0.0242309
371901.973773152.21	371901.97	3773152.2	0.814904677	0.507108347	1.322013	371901.97	3773152.21	371774.813773011.37	371774.81	3773011.4	0.0221544	0.0030743	0.0221544
371881.973773312.21	371881.97	3773312.2	0.809738365	0.097703334	0.9074417	371881.97	3773312.21	371799.033772785.46	371799.03	3772785.5	0.0029301	0.0002905	0.0029301
371569.723772924.76	371569.72	3772924.8	1.086267496	0.054378691	1.1406462	371569.72	3772924.76	371819.033772785.46	371819.03	3772785.5	0.0027836	0.0002731	0.0027836
371734.813773011.37	371734.81	3773011.4	0.879956915	0.250997883	1.1309548	371734.81	3773011.37	371839.033772785.46	371839.03	3772785.5	0.002648	0.0002583	0.002648
371579.723772924.76	371579.72	3772924.8	1.071294752	0.05682741	1.1281222	371579.72	3772924.76	371859.033772785.46	371859.03	3772785.5	0.0025007	0.0002435	0.0025007
371861.973773292.21	371861.97	3773292.2	0.79402345	0.095278984	0.8893024	371861.97	3773292.21	371879.033772785.46	371879.03	3772785.5	0.0023667	0.0002312	0.0023667
371841.973773292.21	371841.97	3773292.2	0.782146899	0.087286009	0.8694329	371841.97	3773292.21	371899.033772785.46	371899.03	3772785.5	0.0022685	0.0002234	0.0022685
371589.723772924.76	371589.72	3772924.8	1.041053068	0.059212771	1.1002658	371589.72	3772924.76	371919.033772785.46	371919.03	3772785.5	0.0021541	0.0002145	0.0021541
371801.973773292.21	371801.97	3773292.2	0.777840499	0.075998367	0.8538389	371801.97	3773292.21	371939.033772785.46	371939.03	3772785.5	0.0020437	0.0002066	0.0020437
371821.973773292.21	371821.97	3773292.2	0.773563173	0.080657687	0.8542209	371821.97	3773292.21	371799.033772805.46	371799.03	3772805.5	0.0032274	0.0003203	0.0032274
371718.383772998.96	371718.38	3772999	0.85884072	0.199738402	1.0585791	371718.38	3772998.96	371819.033772805.46	371819.03	3772805.5	0.0030625	0.0003012	0.0030625
371619.723772934.76	371619.72	3772934.8	1.000837257	0.072388996	1.0732263	371619.72	3772934.76	371839.033772805.46	371839.03	3772805.5	0.0029067	0.0002848	0.0029067
371698.383772988.96	371698.38	3772989	0.888485061	0.168059274	1.0565443	371698.38	3772988.96	371859.033772805.46	371859.03	3772805.5	0.0027392	0.0002686	0.0027392
371659.723772964.76	371659.72	3772964.8	0.963424903	0.114009561	1.0774345	371659.72	3772964.76	371879.033772805.46	371879.03	3772805.5	0.0026049	0.000257	0.0026049
371678.383772978.96	371678.38	3772979	0.928598079	0.141857214	1.0704553	371678.38	3772978.96	371899.033772805.46	371899.03	3772805.5	0.0025167	0.0002508	0.0025167
371701.973773272.21	371701.97	3773272.2	0.768546211	0.061215888	0.8297621	371701.97	3773272.21	371919.033772805.46	371919.03	3772805.5	0.0023765	0.0002402	0.0023765
371649.723772954.76	371649.72	3772954.8	0.968601381	0.099167205	1.0677686	371649.72	3772954.76	371939.033772805.46	371939.03	3772805.5	0.0022483	0.0002312	0.0022483
371599.723772924.76	371599.72	3772924.8	0.999126456	0.061607878	1.0607343	371599.72	3772924.76	371799.033772825.46	371799.03	3772825.5	0.0035883	0.0003575	0.0035883
371781.973773292.21	371781.97	3773292.2	0.751505593	0.069446286	0.8209519	371781.97	3773292.21	371819.033772825.46	371819.03	3772825.5	0.0034031	0.0003367	0.0034031
371639.723772944.76	371639.72	3772944.8	0.953919988	0.086042154	1.0399621	371639.72	3772944.76	371839.033772825.46	371839.03	3772825.5	0.0032585	0.000322	0.0032585
371497.183772937.5	371497.18	3772937.5	0.970492297	0.040786804	1.0112791	371497.18	3772937.5	371859.033772825.46	371859.03	3772825.5	0.0030931	0.0003067	0.0030931
371557.183772917.5	371557.18	3772917.5	0.978764592	0.048182047	1.0269466	371557.18	3772917.5	371879.033772825.46	371879.03	3772825.5	0.0029044	0.0002904	0.0029044
371621.973773212.21	371621.97	3773212.2	0.755318974	0.060412065	0.815731	371621.97	3773212.21	371899.033772825.46	371899.03	3772825.5	0.0027872	0.0002822	0.0027872
371641.973773232.21	371641.97	3773232.2	0.742833953	0.058066739	0.8009007	371641.97	3773232.21	371919.033772825.46	371919.03	3772825.5	0.002641	0.0002717	0.002641
371881.973773332.21	371881.97	3773332.2	0.712059183	0.082155674	0.7942149	371881.97	3773332.21	371939.033772825.46	371939.03	3772825.5	0.0024807	0.0002601	0.0024807
371761.973773292.21	371761.97	3773292.2	0.711161387	0.062678714	0.7738401	371761.97	3773292.21	371799.033772845.46	371799.03	3772845.5	0.0040257	0.0004044	0.0040257
371609.723772924.76	371609.72	3772924.8	0.937465429	0.063492633	1.0009581	371609.72	3772924.76	371819.033772845.46	371819.03	3772845.5	0.0038237	0.0003825	0.0038237
371861.973773312.21	371861.97	3773312.2	0.705463351	0.080729749	0.7861931	371861.97	3773312.21	371839.033772845.46	371839.03	3772845.5	0.0036564	0.0003662	0.0036564
371629.723772934.76	371629.72	3772934.8	0.923709676	0.075047983	0.9987577	371629.72	3772934.76	371859.033772845.46	371859.03	3772845.5	0.003476	0.0003501	0.003476
371901.973773132.21	371901.97	3773132.2	0.707057455	0.696739603	1.4037971	371901.97	3773132.21	371879.033772845.46	371879.03	3772845.5	0.0032685	0.0003327	0.0032685
371537.183772917.5	371537.18	3772917.5	0.939874443	0.043637608	0.9835121	371537.18	3772917.5	371899.033772845.46	371899.03	3772845.5	0.0031189	0.0003218	0.0031189
371688.383772978.96	371688.38	3772979	0.837880592	0.14390698	0.9817876	371688.38	3772978.96	371919.033772845.46	371919.03	3772845.5	0.0029391	0.0003086	0.0029391
371741.973773292.21	371741.97	3773292.2	0.698162693	0.058994844	0.7571575	371741.97	3773292.21	371939.033772845.46	371939.03	3772845.5	0.0027609	0.0002958	0.0027609
371708.383772988.96	371708.38	3772989	0.799663742	0.16807668	0.9677404	371708.38	3772988.96	371799.033772865.46	371799.03	3772865.5	0.0045612	0.0004649	0.0045612
371661.973773252.21	371661.97	3773252.2	0.711017518	0.055631249	0.7666488	371661.97	3773252.21	371819.033772865.46	371819.03	3772865.5	0.0043469	0.0004424	0.0043469
371601.973773192.21	371601.97	3773192.2	0.725364605	0.06141432	0.7867789	371601.97	3773192.21	371839.033772865.46	371839.03	3772865.5	0.0041241	0.0004211	0.0041241
371659.723772954.76	371659.72	3772954.8	0.846686473	0.100369632	0.9470561	371659.72	3772954.76	371859.033772865.46	371859.03	3772865.5	0.0039105	0.0004022	0.0039105
371619.723772924.76	371619.72	3772924.8	0.871375578	0.065381217	0.9367568	371619.72	3772924.76	371879.033772865.46	371879.03	3772865.5	0.0037019	0.0003849	0.0037019
371649.723772944.76	371649.72	3772944.8	0.848282285	0.087813768	0.9360961	371649.72	3772944.76	371899.033772865.46	371899.03	3772865.5	0.0034966	0.0003687	0.0034966
371721.973773292.21	371721.97	3773292.2	0.665266403	0.054686783	0.7199532	371721.97	3773292.21	371919.033772865.46	371919.03	3772865.5	0.0032849	0.0003524	0.0032849
371754.813773011.37	371754.81	3773011.4	0.708174065	0.250390055	0.9585641	371754.81	3773011.37	371939.033772865.46	371939.03	3772865.5	0.0030703	0.0003361	0.0030703
371841.973773312.21	371841.97	3773312.2	0.651299623	0.070406418	0.721706	371841.97	3773312.21	371799.033772885.46	371799.03	3772885.5	0.0052503	0.0005477	0.0052503
371678.383772968.96	371678.38	3772969	0.807034963	0.123520367	0.9305553	371678.38	3772968.96	371819.033772885.46	371819.03	3772885.5	0.0050221	0.000524	0.0050221
371477.183772937.5	371477.18	3772937.5	0.860851465	0.036910071	0.8977615	371477.18	3772937.5	371839.033772885.46	371839.03	3772885.5	0.0047555	0.0004979	0.0047555
371599.723772914.76	371599.72	3772914.8	0.865226019	0.055930986	0.921157	371599.72	3772914.76	371859.033772885.46	371859.03	3772885.5	0.0045017	0.0004744	0.0045017
371517.183772917.5	371517.18	3772917.5	0.871015414	0.039366101	0.9103815	371517.18	3772917.5	371879.033772885.46	371879.03	3772885.5	0.0042482	0.0004518	0.0042482
371639.723772934.76	371639.72	3772934.8	0.837831545	0.077052493	0.914884	371639.72	3772934.76	371899.033772885.46	371899.03	3772885.5	0.0039852	0.0004291	0.0039852
371681.973773272.21	371681.97	3773272.2	0.655060457	0.052018396	0.7070789	371681.97	3773272.21	371919.033772885.46	371919.03	3772885.5	0.0037287	0.0004079	0.0037287
371698.383772978.96	371698.38	3772979	0.758545646	0.145045004	0.9035907	371698.38	3772978.96	371939.033772885.46	371939.03	3772885.5	0.0034575	0.0003858	0.0034575
371861.973773332.21	371861.97	3773332.2	0.63365246	0.069731749	0.7033842	371861.97	3773332.21	371799.033772905.46	371799.03	3772905.5	0.0061364	0.0006619	0.0061364
371718.383772988.96	371718.38	3772989	0.727527937	0.168913227	0.8964412	371718.38	3772988.96	371819.033772905.46	371819.03	3772905.5	0.0058819	0.0006337	0.0058819
371821.973773312.21	371821.97	3773312.2	0.629931729	0.064272784	0.6942045	371821.97	3773312.21	371839.033772905.46	371839.03	3772905.5	0.0055301	0.0005962	0.0055301

371881.973773352.21	371881.97	3773352.2	0.618628662	0.06905917	0.6876878	371881.97 3773352.21
371629.723772924.76	371629.72	3772924.8	0.809427485	0.067622105	0.8770496	371629.72 3772924.76
371609.723772914.76	371609.72	3772914.8	0.818066791	0.0576932	0.87576	371609.72 3772914.76
371497.183772917.5	371497.18	3772917.5	0.814913346	0.036295629	0.851209	371497.18 3772917.5
371801.973773312.21	371801.97	3773312.2	0.606895791	0.058717387	0.6656132	371801.97 3773312.21
371688.383772968.96	371688.38	3772969	0.727691203	0.12527353	0.8529647	371688.38 3772968.96
371659.723772944.76	371659.72	3772944.8	0.751392367	0.089130033	0.8405224	371659.72 3772944.76
371708.383772978.96	371708.38	3772979	0.689645777	0.145648655	0.8352944	371708.38 3772978.96
371649.723772934.76	371649.72	3772934.8	0.753470894	0.078684509	0.8321554	371649.72 3772934.76
371781.973773312.21	371781.97	3773312.2	0.582446347	0.053703675	0.63615	371781.97 3773312.21
371619.723772914.76	371619.72	3772914.8	0.766039101	0.059399714	0.8254388	371619.72 3772914.76
371734.813772991.37	371734.81	3772991.4	0.649277354	0.17671717	0.8259945	371734.81 3772991.37
371861.973773352.21	371861.97	3773352.2	0.569324147	0.060733734	0.6300579	371861.97 3773352.21
371678.383772958.96	371678.38	3772959	0.713146373	0.108536323	0.8216827	371678.38 3772958.96
371639.723772924.76	371639.72	3772924.8	0.737486791	0.069153164	0.80664	371639.72 3772924.76
371457.183772937.5	371457.18	3772937.5	0.738589566	0.032931338	0.7715209	371457.18 3772937.5
371557.183772897.5	371557.18	3772897.5	0.748441582	0.040706735	0.7891483	371557.18 3772897.5
371761.973773312.21	371761.97	3773312.2	0.556007754	0.049183257	0.605191	371761.97 3773312.21
371841.973773332.21	371841.97	3773332.2	0.550717666	0.058186843	0.6089045	371841.97 3773332.21
371477.183772917.5	371477.18	3772917.5	0.734319125	0.032976246	0.7672954	371477.18 3772917.5
371537.183772897.5	371537.18	3772897.5	0.74076926	0.037630692	0.7784	371537.18 3772897.5
371577.183772897.5	371577.18	3772897.5	0.732635845	0.043934908	0.7765708	371577.18 3772897.5
371629.723772914.76	371629.72	3772914.8	0.712995463	0.061141389	0.7741369	371629.72 3772914.76
371698.383772968.96	371698.38	3772969	0.658716493	0.126203723	0.7849202	371698.38 3772968.96
371718.383772978.96	371718.38	3772979	0.631540541	0.146345952	0.7778865	371718.38 3772978.96
371437.183772957.5	371437.18	3772957.5	0.701709614	0.032344049	0.7340537	371437.18 3772957.5
371774.813773011.37	371774.81	3773011.4	0.581918762	0.249159777	0.8310785	371774.81 3773011.37
371581.973773172.21	371581.97	3773172.2	0.56774247	0.052025011	0.6197675	371581.97 3773172.21
371701.973773292.21	371701.97	3773292.2	0.542061156	0.044178596	0.5862398	371701.97 3773292.21
371641.973773252.21	371641.97	3773252.2	0.551412781	0.044638123	0.5960509	371641.97 3773252.21
371517.183772897.5	371517.18	3772897.5	0.71442771	0.034755171	0.7491829	371517.18 3772897.5
371741.973773312.21	371741.97	3773312.2	0.530788591	0.045400519	0.5761891	371741.97 3773312.21
371621.973773232.21	371621.97	3773232.2	0.546782046	0.045415836	0.5921979	371621.97 3773232.21
371659.723772934.76	371659.72	3772934.8	0.671376822	0.079680497	0.7510573	371659.72 3772934.76
371661.973773272.21	371661.97	3773272.2	0.535939841	0.043221249	0.5791611	371661.97 3773272.21
371597.183772897.5	371597.18	3772897.5	0.693344931	0.047268564	0.7406135	371597.18 3772897.5
371688.383772958.96	371688.38	3772959	0.644187685	0.110160679	0.7543484	371688.38 3772958.96
371821.973773332.21	371821.97	3773332.2	0.518524784	0.052173661	0.5706984	371821.97 3773332.21
371649.723772924.76	371649.72	3772924.8	0.667935028	0.070487879	0.7384229	371649.72 3772924.76
371881.973773372.21	371881.97	3773372.2	0.512244505	0.056170845	0.5684153	371881.97 3773372.21
371678.383772948.96	371678.38	3772949	0.637573451	0.096124931	0.7336984	371678.38 3772948.96
371601.973773212.21	371601.97	3773212.2	0.531130499	0.046652032	0.5777825	371601.97 3773212.21
371497.183772897.5	371497.18	3772897.5	0.680031579	0.032238219	0.7122698	371497.18 3772897.5
371639.723772914.76	371639.72	3772914.8	0.656004836	0.062571491	0.7185763	371639.72 3772914.76
371708.383772968.96	371708.38	3772969	0.600612673	0.126812596	0.7274253	371708.38 3772968.96
371457.183772917.5	371457.18	3772917.5	0.66034221	0.03013693	0.6904791	371457.18 3772917.5
371801.973773332.21	371801.97	3773332.2	0.489540714	0.047075702	0.5366164	371801.97 3773332.21
371754.813772991.37	371754.81	3772991.4	0.543357351	0.176787143	0.7201445	371754.81 3772991.37
371721.973773312.21	371721.97	3773312.2	0.493054597	0.041293675	0.5343483	371721.97 3773312.21
371841.973773352.21	371841.97	3773352.2	0.48353313	0.050090474	0.5336236	371841.97 3773352.21
371437.183772937.5	371437.18	3772937.5	0.633610271	0.029500903	0.6631112	371437.18 3772937.5
371629.723772904.76	371629.72	3772904.8	0.632351197	0.055535863	0.6878871	371629.72 3772904.76
371861.973773372.21	371861.97	3773372.2	0.479726554	0.050461228	0.5301878	371861.97 3773372.21
371617.183772897.5	371617.18	3772897.5	0.630850255	0.050344258	0.6811945	371617.18 3772897.5
371698.383772958.96	371698.38	3772959	0.583513937	0.11102995	0.6945439	371698.38 3772958.96
371659.723772924.76	371659.72	3772924.8	0.60280992	0.071603275	0.6744132	371659.72 3772924.76
371477.183772897.5	371477.18	3772897.5	0.62817092	0.029613348	0.6577843	371477.18 3772897.5
371718.383772968.96	371718.38	3772969	0.551893771	0.127385263	0.679279	371718.38 3772968.96
371781.973773332.21	371781.97	3773332.2	0.465687312	0.042955977	0.5086433	371781.97 3773332.21
371688.383772948.96	371688.38	3772949	0.577756864	0.09763545	0.6753923	371688.38 3772948.96
371649.723772914.76	371649.72	3772914.8	0.599162836	0.063770786	0.6629336	371649.72 3772914.76
371678.383772938.96	371678.38	3772939	0.57488536	0.085724663	0.66061	371678.38 3772938.96
371639.723772904.76	371639.72	3772904.8	0.585879954	0.056798864	0.6426788	371639.72 3772904.76
371461.973773112.21	371461.97	3773112.2	0.514320471	0.039247738	0.5535682	371461.97 3773112.21
371557.183772877.5	371557.18	3772877.5	0.602036719	0.035454208	0.6374909	371557.18 3772877.5
371537.183772877.5	371537.18	3772877.5	0.601998118	0.033018717	0.6350168	371537.18 3772877.5
371761.973773332.21	371761.97	3773332.2	0.442795151	0.039423542	0.4822187	371761.97 3773332.21
371708.383772958.96	371708.38	3772959	0.532551778	0.111619328	0.6441711	371708.38 3772958.96
371517.183772877.5	371517.18	3772877.5	0.595085935	0.030951196	0.6260371	371517.18 3772877.5
371437.183772917.5	371437.18	3772917.5	0.578145925	0.02723495	0.6053809	371437.18 3772917.5
371577.183772877.5	371577.18	3772877.5	0.582010581	0.037734782	0.6197454	371577.18 3772877.5
371457.183772897.5	371457.18	3772897.5	0.578941655	0.027368283	0.6063099	371457.18 3772897.5
371681.973773292.21	371681.97	3773292.2	0.436497989	0.035724005	0.472222	371681.97 3773292.21
371734.813772971.37	371734.81	3772971.4	0.494238125	0.130844244	0.6250824	371734.81 3772971.37
371698.383772948.96	371698.38	3772949	0.525164935	0.098610551	0.6237755	371698.38 3772948.96
371659.723772914.76	371659.72	3772914.8	0.544707374	0.064750065	0.6094574	371659.72 3772914.76
371581.973773192.21	371581.97	3773192.2	0.448301879	0.042545885	0.4908478	371581.97 3773192.21
371821.973773352.21	371821.97	3773352.2	0.42090931	0.042049805	0.4629591	371821.97 3773352.21
371497.183772877.5	371497.18	3772877.5	0.56917525	0.02869708	0.5978723	371497.18 3772877.5
371701.973773312.21	371701.97	3773312.2	0.425327427	0.03541487	0.4607423	371701.97 3773312.21
371641.973773272.21	371641.97	3773272.2	0.432602838	0.036177962	0.4687808	371641.97 3773272.21
371649.723772904.76	371649.72	3772904.8	0.541455765	0.058068132	0.5995239	371649.72 3772904.76
371688.383772938.96	371688.38	3772939	0.522309486	0.087022825	0.6093323	371688.38 3772938.96
371841.973773372.21	371841.97	3773372.2	0.413821862	0.042394798	0.4562167	371841.97 3773372.21

371859.033772905.46	371859.03	3772905.5	0.005237	0.0005657	0.005237	
371879.033772905.46	371879.03	3772905.5	0.004908	0.000533	0.004908	
371899.033772905.46	371899.03	3772905.5	0.0046003	0.0005037	0.0046003	
371919.033772905.46	371919.03	3772905.5	0.0042607	0.0004729	0.0042607	
371939.033772905.46	371939.03	3772905.5	0.0039604	0.0004472	0.0039604	
371799.033772925.46	371799.03	3772925.5	0.0073051	0.0008221	0.0073051	
371819.033772925.46	371819.03	3772925.5	0.0069342	0.0007745	0.0069342	
371839.033772925.46	371839.03	3772925.5	0.0065351	0.0007248	0.0065351	
371859.033772925.46	371859.03	3772925.5	0.0061204	0.0006755	0.0061204	
371879.033772925.46	371879.03	3772925.5	0.0057478	0.0006328	0.0057478	
371899.033772925.46	371899.03	3772925.5	0.0053535	0.0005911	0.0053535	
371919.033772925.46	371919.03	3772925.5	0.0049209	0.0005492	0.0049209	
371939.033772925.46	371939.03	3772925.5	0.0045463	0.0005152	0.0045463	
371799.033772945.46	371799.03	3772945.5	0.0088464	0.0010417	0.0088464	
371819.033772945.46	371819.03	3772945.5	0.0083461	0.0009633	0.0083461	
371839.033772945.46	371839.03	3772945.5	0.0078511	0.0008886	0.0078511	
371859.033772945.46	371859.03	3772945.5	0.0073259	0.0008163	0.0073259	
371879.033772945.46	371879.03	3772945.5	0.0068405	0.0007537	0.0068405	
371899.033772945.46	371899.03	3772945.5	0.0063399	0.000696	0.0063399	
371919.033772945.46	371919.03	3772945.5	0.005822	0.0006428	0.005822	
371939.033772945.46	371939.03	3772945.5	0.0053189	0.0005962	0.0053189	
371799.033772965.46	371799.03	3772965.5	0.0109612	0.0013411	0.0109612	
371819.033772965.46	371819.03	3772965.5	0.0102803	0.0012114	0.0102803	
371839.033772965.46	371839.03	3772965.5	0.0096272	0.0010953	0.0096272	
371859.033772965.46	371859.03	3772965.5	0.0089742	0.0009917	0.0089742	
371879.033772965.46	371879.03	3772965.5	0.008337	0.0009016	0.008337	
371899.033772965.46	371899.03	3772965.5	0.0077153	0.0008242	0.0077153	
371919.033772965.46	371919.03	3772965.5	0.0070573	0.0007547	0.0070573	
371939.033772965.46	371939.03	3772965.5	0.0063895	0.0006936	0.0063895	
371799.033772985.46	371799.03	3772985.5	0.0139005	0.0017384	0.0139005	
371819.033772985.46	371819.03	3772985.5	0.0129902	0.0015323	0.0129902	
371839.033772985.46	371839.03	3772985.5	0.0121019	0.0013551	0.0121019	
371859.033772985.46	371859.03	3772985.5	0.0113746	0.001214	0.0113746	
371879.033772985.46	371879.03	3772985.5	0.0105361	0.0010873	0.0105361	
371899.033772985.46	371899.03	3772985.5	0.0096771	0.000979	0.0096771	
371919.033772985.46	371919.03	3772985.5	0.0088287	0.0008886	0.0088287	
371939.033772985.46	371939.03	3772985.5	0.0079442	0.0008109	0.0079442	
371799.033773005.46	371799.03	3773005.5	0.0183573	0.0022865	0.0183573	
371819.033773005.46	371819.03	3773005.5	0.0171	0.0019631	0.0171	
371839.033773005.46	371839.03	3773005.5	0.0159824	0.001704	0.0159824	
371859.033773005.46	371859.03	3773005.5	0.0151893	0.0015059	0.0151893	
371879.033773005.46	371879.03	3773005.5	0.0141991	0.0013333	0.0141991	
371899.033773005.46	371899.03	3773005.5	0.0131793	0.0011902	0.0131793	
371919.033773005.46	371919.03	3773005.5	0.0118762	0.0010639	0.0118762	
371939.033773005.46	371939.03	3773005.5	0.0104705	0.0009575	0.0104705	
371437.183772897.5	371437.18	3772897.5	0.009555	0.0011437	0.009555	
371437.183772917.5	371437.18	3772917.5	0.0105941	0.0013473	0.0105941	
371437.183772937.5	371437.18	3772937.5	0.0115945	0.0015751	0.0115945	
371437.183772957.5	371437.18	3772957.5	0.0128259	0.0018562	0.0128259	
371457.183772897.5	371457.18	3772897.5	0.0106118	0.0012543	0.0106118	
371457.183772917.5	371457.18	3772917.5	0.0120497	0.0015127	0.0120497	
371457.183772937.5	371457.18	3772937.5	0.0134396	0.0018067	0.0134396	
371477.183772897.5	371477.18	3772897.5	0.0115097	0.0013469	0.0115097	
371477.183772917.5	371477.18	3772917.5	0.0133714	0.0016606	0.0133714	
371477.183772937.5	371477.18	3772937.5	0.0155875	0.0020689	0.0155875	
371497.183772877.5	371497.18	3772877.5	0.0105239	0.0011612	0.0105239	
371497.183772897.5	371497.18	3772897.5	0.0124689	0.0014439	0.0124689	
371497.183772917.5	371497.18	3772917.5	0.014823	0.0018174	0.014823	
371497.183772937.5	371497.18	3772937.5	0.0175296	0.0022987	0.0175296	
371517.183772877.5	371517.18	3772877.5	0.011052	0.0012144	0.011052	
371517.183772897.5	371517.18	3772897.5	0.0131453	0.0015102	0.0131453	
371517.183772917.5	371517.18	3772917.5	0.0158727	0.0019235	0.0158727	
371537.183772857.5	371537.18	3772857.5	0.0094311	0.0010046	0.0094311	
371537.183772877.5	371537.18	3772877.5	0.0112688	0.0012395	0.0112688	
371537.183772897.5	371537.18	3772897.5	0.0137123	0.0015682	0.0137123	
371537.183772917.5	371537.18	3772917.5	0.0171871	0.0020618	0.0171871	
371557.183772857.5	371557.18	3772857.5	0.0094547	0.0010187	0.0094547	
371557.183772877.5	371557.18	3772877.5	0.0113957	0.0012627	0.0113957	
371557.183772897.5	371557.18	3772897.5	0.0139935	0.0016036	0.0139935	
371557.183772917.5	371557.18	3772917.5	0.01804	0.0021562	0.01804	
371577.183772837.5	371577.18	3772837.5	0.007761	0.000832	0.007761	
371577.183772857.5	371577.18	3772857.5	0.0093191	0.0010215	0.0093191	
371577.183772877.5	371577.18	3772877.5	0.0111962	0.0012582	0.0111962	
371577.183772897.5	371577.18	3772897.5	0.01391	0.0016108	0.01391	
371597.183772837.5	371597.18	3772837.5	0.0075551	0.0008267	0.0075551	
371597.183772857.5	371597.18	3772857.5	0.0089616	0.0010016	0.0089616	
371597.183772877.5	371597.18	3772877.5	0.0107557	0.0012312	0.0107557	
371597.183772897.5	371597.18	3772897.5	0.0134592	0.0015857	0.0134592	
371617.183772817.5	371617.18	3772817.5	0.0061406	0.0006709	0.0061406	
371617.183772837.5	371617.18	3772837.5	0.0071624	0.0007974	0.0071624	
371617.183772857.5	371617.18	3772857.5	0.0084793	0.0009643	0.0084793	
371617.183772877.5	371617.18	3772877.5	0.0101076	0.0011767	0.0101076	
371617.183772897.5	371617.18	3772897.5	0.0126265	0.0015132	0.0126265	
371637.183772817.5	371637.18	3772817.5	0.0058352	0.0006451	0.0058352	

371774.813772991.37	371774.81	3772991.4	0.458540786	0.175184719	0.6337255	371774.81	3772991.37	
371741.973773332.21	371741.97	3773332.2	0.413735189	0.035889365	0.4496246	371741.97	3773332.21	
371597.183772877.5	371597.18	3772877.5	0.546933807	0.039977062	0.5869109	371597.18	3772877.5	
371678.383772928.96	371678.38	3772929	0.520972289	0.076828648	0.5978009	371678.38	3772928.96	
371718.383772958.96	371718.38	3772959	0.489464138	0.112013406	0.6014775	371718.38	3772958.96	
371799.033773005.46	371799.03	3773005.5	0.439339353	0.219690206	0.6590296	371799.03	3773005.46	
371601.973773232.21	371601.97	3773232.2	0.415642197	0.037753581	0.4533958	371601.97	3773232.21	
371801.973773352.21	371801.97	3773352.2	0.393381094	0.037755321	0.4311364	371801.97	3773352.21	
371708.383772948.96	371708.38	3772949	0.479716646	0.099189485	0.5789061	371708.38	3772948.96	
371661.973773292.21	371661.97	3773292.2	0.399700291	0.033218542	0.4329188	371661.97	3773292.21	
371437.183772897.5	371437.18	3772897.5	0.51999208	0.025033401	0.5450255	371437.18	3772897.5	
371659.723772904.76	371659.72	3772904.8	0.494634571	0.058847586	0.5534822	371659.72	3772904.76	
371388.763772992.7	371388.76	3772992.7	0.481883795	0.026739219	0.508623	371388.76	3772992.7	
371561.973773172.21	371561.97	3773172.2	0.410392108	0.040994635	0.4513867	371561.97	3773172.21	
371698.383772938.96	371698.38	3772939	0.475614713	0.087881652	0.5634964	371698.38	3772938.96	
371388.763773012.7	371388.76	3773012.7	0.470758947	0.02726106	0.49802	371388.76	3773012.7	
371617.183772877.5	371617.18	3772877.5	0.499305721	0.042058856	0.5413646	371617.18	3772877.5	
371388.763772972.7	371388.76	3772972.7	0.480841223	0.025727216	0.5065684	371388.76	3772972.7	
371688.383772928.96	371688.38	3772929	0.473665464	0.077782514	0.551448	371688.38	3772928.96	
371781.973773352.21	371781.97	3773352.2	0.374972489	0.034717225	0.4096897	371781.97	3773352.21	
371678.383772918.96	371678.38	3772919	0.474447395	0.069214086	0.5436615	371678.38	3772918.96	
371754.813772971.37	371754.81	3772971.4	0.425768072	0.130879057	0.5566471	371754.81	3772971.37	
371537.183772857.5	371537.18	3772857.5	0.498634453	0.029238416	0.5278729	371537.18	3772857.5	
371557.183772857.5	371557.18	3772857.5	0.493927065	0.031133266	0.5250603	371557.18	3772857.5	
371721.973773332.21	371721.97	3773332.2	0.367045454	0.031403064	0.3984485	371721.97	3773332.21	
371718.383772948.96	371718.38	3772949	0.441557397	0.099646226	0.5412036	371718.38	3772948.96	
371761.973773352.21	371761.97	3773352.2	0.363577711	0.032609321	0.396187	371761.97	3773352.21	
371461.973773132.21	371461.97	3773132.2	0.411427705	0.033828111	0.4452558	371461.97	3773132.21	
371821.973773372.21	371821.97	3773372.2	0.355605138	0.035345941	0.3909511	371821.97	3773372.21	
371577.183772857.5	371577.18	3772857.5	0.479037594	0.033072329	0.5121099	371577.18	3772857.5	
371441.973773112.21	371441.97	3773112.2	0.411668061	0.031410027	0.4430781	371441.97	3773112.21	
371708.383772938.96	371708.38	3772939	0.434298359	0.088296619	0.522595	371708.38	3772938.96	
371819.033773005.46	371819.03	3773005.5	0.375298115	0.215117569	0.5904157	371819.03	3773005.46	
371698.383772928.96	371698.38	3772929	0.433586939	0.078709225	0.5122962	371698.38	3772928.96	
371581.973773212.21	371581.97	3773212.2	0.366007357	0.035812081	0.4018194	371581.97	3773212.21	
371681.973773312.21	371681.97	3773312.2	0.352004178	0.029524924	0.3815291	371681.97	3773312.21	
371637.183772877.5	371637.18	3772877.5	0.446135469	0.044043175	0.4901786	371637.18	3772877.5	
371688.383772918.96	371688.38	3772919	0.430130268	0.069647503	0.4997778	371688.38	3772918.96	
371597.183772857.5	371597.18	3772857.5	0.450901513	0.034789635	0.4856911	371597.18	3772857.5	
371734.813772951.37	371734.81	3772951.4	0.40199466	0.103450548	0.5054452	371734.81	3772951.37	
371488.763772852.7	371488.76	3772852.7	0.457539371	0.024417566	0.4819569	371488.76	3772852.7	
371741.973773352.21	371741.97	3773352.2	0.337199106	0.029623443	0.3668225	371741.97	3773352.21	
371801.973773372.21	371801.97	3773372.2	0.33008285	0.031651278	0.3617341	371801.97	3773372.21	
371641.973773292.21	371641.97	3773292.2	0.341018127	0.029390547	0.3704087	371641.97	3773292.21	
371408.763772892.7	371408.76	3772892.7	0.43722649	0.021817412	0.4590439	371408.76	3772892.7	
371799.033772985.46	371799.03	3772985.5	0.359939473	0.157990422	0.5179299	371799.03	3772985.46	
371774.813772971.37	371774.81	3772971.4	0.369308326	0.129995861	0.4993042	371774.81	3772971.37	
371718.383772938.96	371718.38	3772939	0.399922975	0.088695919	0.4886189	371718.38	3772938.96	
371468.763772852.7	371468.76	3772852.7	0.439782677	0.022935941	0.4627186	371468.76	3772852.7	
371368.763772992.7	371368.76	3772992.7	0.405426113	0.023731409	0.4291575	371368.76	3772992.7	
371701.973773332.21	371701.97	3773332.2	0.327362791	0.027892212	0.355255	371701.97	3773332.21	
371428.763772872.7	371428.76	3772872.7	0.434151402	0.021755793	0.4559072	371428.76	3772872.7	
371621.973773272.21	371621.97	3773272.2	0.334931419	0.029720223	0.3646516	371621.97	3773272.21	
371368.763772972.7	371368.76	3772972.7	0.408506458	0.023044904	0.4315514	371368.76	3772972.7	
371708.383772928.96	371708.38	3772929	0.398981563	0.079486243	0.4784678	371708.38	3772928.96	
371368.763773012.7	371368.76	3773012.7	0.394566652	0.023882496	0.4184491	371368.76	3773012.7	
371617.183772857.5	371617.18	3772857.5	0.415228382	0.03640877	0.4516372	371617.18	3772857.5	
371698.383772918.96	371698.38	3772919	0.395322934	0.070518862	0.4658418	371698.38	3772918.96	
371541.973773172.21	371541.97	3773172.2	0.340170635	0.034530281	0.3747009	371541.97	3773172.21	
371678.383772898.96	371678.38	3772899	0.400546675	0.057222882	0.4577696	371678.38	3772898.96	
371561.973773192.21	371561.97	3773192.2	0.330318163	0.034158134	0.3644763	371561.97	3773192.21	
371781.973773372.21	371781.97	3773372.2	0.308707218	0.028695339	0.3374026	371781.97	3773372.21	
371448.763772852.7	371448.76	3772852.7	0.415582116	0.021446657	0.4370288	371448.76	3772852.7	
371368.763773032.7	371368.76	3773032.7	0.37429708	0.024177707	0.3984748	371368.76	3773032.7	
371657.183772877.5	371657.18	3772877.5	0.392769018	0.045897991	0.438667	371657.18	3772877.5	
371839.033773005.46	371839.03	3773005.5	0.324562515	0.209144421	0.5337069	371839.03	3773005.46	
371761.973773372.21	371761.97	3773372.2	0.300104487	0.027164629	0.3272691	371761.97	3773372.21	
371528.763772832.7	371528.76	3772832.7	0.406218701	0.024891365	0.4311101	371528.76	3772832.7	
371721.973773352.21	371721.97	3773352.2	0.301909245	0.026255323	0.3281646	371721.97	3773352.21	
371754.813772951.37	371754.81	3772951.4	0.349905034	0.103157078	0.4530621	371754.81	3772951.37	
371508.763772832.7	371508.76	3772832.7	0.40532203	0.023560479	0.4288825	371508.76	3772832.7	
371408.763772872.7	371408.76	3772872.7	0.398946709	0.020233438	0.4191801	371408.76	3772872.7	
371718.383772928.96	371718.38	3772929	0.366761581	0.079671794	0.4464334	371718.38	3772928.96	
371388.763772892.7	371388.76	3772892.7	0.39332703	0.020132829	0.4134599	371388.76	3772892.7	
371577.183772837.5	371577.18	3772837.5	0.394769393	0.028831805	0.4236012	371577.18	3772837.5	
371548.763772832.7	371548.76	3772832.7	0.397538571	0.026084045	0.4236226	371548.76	3772832.7	
371488.763772832.7	371488.76	3772832.7	0.399717714	0.022305136	0.4220229	371488.76	3772832.7	
371708.383772918.96	371708.38	3772919	0.364426764	0.071182043	0.4356088	371708.38	3772918.96	
371421.973773112.21	371421.97	3773112.2	0.336312943	0.025759244	0.3620722	371421.97	3773112.21	
371441.973773132.21	371441.97	3773132.2	0.331976846	0.026918504	0.3588953	371441.97	3773132.21	
371678.383772888.96	371678.38	3772889	0.370587954	0.052432666	0.4230206	371678.38	3772888.96	
371688.383772898.96	371688.38	3772899	0.368123613	0.057794853	0.4259185	371688.38	3772898.96	
371501.973773172.21	371501.97	3773172.2	0.318600233	0.030553288	0.3491535	371501.97	3773172.21	
371428.763772852.7	371428.76	3772852.7	0.3870092	0.019975825	0.406985	371428.76	3772852.7	

371637.183772837.5	371637.18	3772837.5	0.0067579	0.0007607	0.0067579			
371637.183772857.5	371637.18	3772857.5	0.0077857	0.0008931	0.0077857			
371637.183772877.5	371637.18	3772877.5	0.0093661	0.0011001	0.0093661			
371657.183772797.5	371657.18	3772797.5	0.004819	0.0005269	0.004819			
371657.183772817.5	371657.18	3772817.5	0.0054913	0.0006092	0.0054913			
371657.183772837.5	371657.18	3772837.5	0.0062731	0.0007068	0.0062731			
371657.183772857.5	371657.18	3772857.5	0.0073186	0.0008398	0.0073186			
371657.183772877.5	371657.18	3772877.5	0.0086146	0.0010085	0.0086146			
371677.183772777.5	371677.18	3772777.5	0.0040324	0.0004349	0.0040324			
371677.183772797.5	371677.18	3772797.5	0.0045435	0.0004956	0.0045435			
371677.183772817.5	371677.18	3772817.5	0.0051566	0.0005693	0.0051566			
371677.183772837.5	371677.18	3772837.5	0.005876	0.0006571	0.005876			
371677.183772857.5	371677.18	3772857.5	0.0067293	0.0007629	0.0067293			
371697.183772777.5	371697.18	3772777.5	0.0038227	0.0004097	0.0038227			
371697.183772797.5	371697.18	3772797.5	0.0042621	0.0004604	0.0042621			
371697.183772817.5	371697.18	3772817.5	0.0047676	0.0005193	0.0047676			
371697.183772837.5	371697.18	3772837.5	0.0053899	0.0005925	0.0053899			
371697.183772857.5	371697.18	3772857.5	0.0061971	0.0006887	0.0061971			
371717.183772757.5	371717.18	3772757.5	0.0032757	0.0003453	0.0032757			
371717.183772777.5	371717.18	3772777.5	0.0036019	0.0003814	0.0036019			
371717.183772797.5	371717.18	3772797.5	0.0039741	0.0004228	0.0039741			
371717.183772817.5	371717.18	3772817.5	0.0044478	0.0004758	0.0044478			
371717.183772837.5	371717.18	3772837.5	0.0050348	0.000542	0.0050348			
371717.183772857.5	371717.18	3772857.5	0.0057199	0.0006205	0.0057199			
371737.183772737.5	371737.18	3772737.5	0.0028036	0.0002909	0.0028036			
371737.183772757.5	371737.18	3772757.5	0.0030801	0.0003204	0.0030801			
371737.183772777.5	371737.18	3772777.5	0.0033847	0.0003529	0.0033847			
371737.183772797.5	371737.18	3772797.5	0.0037422	0.0003911	0.0037422			
371737.183772817.5	371737.18	3772817.5	0.0041589	0.0004358	0.0041589			
371737.183772837.5	371737.18	3772837.5	0.0046639	0.0004907	0.0046639			
371757.183772737.5	371757.18	3772737.5	0.00266	0.0002724	0.00266			
371757.183772757.5	371757.18	3772757.5	0.0029033	0.0002974	0.0029033			
371757.183772777.5	371757.18	3772777.5	0.0031912	0.000327	0.0031912			
371757.183772797.5	371757.18	3772797.5	0.0035172	0.0003606	0.0035172			
371757.183772817.5	371757.18	3772817.5	0.00389	0.0003994	0.00389			
371757.183772837.5	371757.18	3772837.5	0.0043559	0.0004488	0.0043559			
371268.763772892.7	371268.76	3772892.7	0.0039581	0.0005004	0.0039581			
371268.763772912.7	371268.76	3772912.7	0.004028	0.0005308	0.004028			
371268.763772932.7	371268.76	3772932.7	0.0040709	0.0005588	0.0040709			
371268.763772952.7	371268.76	3772952.7	0.004055	0.0005805	0.004055			
371268.763772972.7	371268.76	3772972.7	0.0039878	0.0005935	0.0039878			
371268.763772992.7	371268.76	3772992.7	0.0038708	0.0005965	0.0038708			
371268.763773012.7	371268.76	3773012.7	0.003724	0.0005933	0.003724			
371268.763773032.7	371268.76	3773032.7	0.0033564	0.0005776	0.0033564			
371268.763773052.7	371268.76	3773052.7	0.0030997	0.0005503	0.0030997			
371268.763773072.7	371268.76	3773072.7	0.002861	0.0005185	0.002861			
371288.763772772.7	371288.76	3772772.7	0.0033341	0.0003277	0.0033341			
371288.763772792.7	371288.76	3772792.7	0.0035306	0.0003598	0.0035306			
371288.763772812.7	371288.76	3772812.7	0.0037223	0.0003944	0.0037223			
371288.763772832.7	371288.76	3772832.7	0.0039157	0.0004319	0.0039157			
371288.763772852.7	371288.76	3772852.7	0.0040932	0.0004708	0.0040932			
371288.763772912.7	371288.76	3772912.7	0.004487	0.0005883	0.004487			
371288.763772932.7	371288.76	3772932.7	0.0045353	0.0006224	0.0045353			
371288.763772952.7	371288.76	3772952.7	0.0045408	0.0006503	0.0045408			
371288.763772972.7	371288.76	3772972.7	0.0044842	0.0006699	0.0044842			
371288.763772992.7	371288.76	3772992.7	0.0043541	0.0006752	0.0043541			
371288.763773012.7	371288.76	3773012.7	0.0042233	0.0006762	0.0042233			
371288.763773032.7	371288.76	3773032.7	0.0038319	0.0006589	0.0038319			
371288.763773052.7	371288.76	3773052.7	0.0034824	0.000625	0.0034824			
371288.763773072.7	371288.76	3773072.7	0.0032405	0.0005921	0.0032405			
371308.763772712.7	371308.76	3772712.7	0.0029159	0.000258	0.0029159			
371308.763772732.7	371308.76	3772732.7	0.0031148	0.0002835	0.0031148			
371308.763772752.7	371308.76	3772752.7	0.003324	0.0003122	0.003324			
371308.763772772.7	371308.76	3772772.7	0.0035331	0.0003436	0.0035331			
371308.763772792.7	371308.76	3772792.7	0.0037476	0.0003783	0.0037476			
371308.763772812.7	371308.76	3772812.7	0.0039191	0.0004131	0.0039191			
371308.763772832.7	371308.76	3772832.7	0.004259	0.0004641	0.004259			
371308.763772852.7	371308.76	3772852.7	0.0044625	0.0005084	0.0044625			
371308.763772912.7	371308.76	3772912.7	0.0049634	0.0006498	0.0049634			
371308.763772932.7	371308.76	3772932.7	0.005083	0.0006957	0.005083			
371308.763772952.7	371308.76	3772952.7	0.0051121	0.0007329	0.0051121			
371308.763772972.7	371308.76	3772972.7	0.0050847	0.0007616	0.0050847			
371308.763772992.7	371308.76	3772992.7	0.0049858	0.0007774	0.0049858			
371308.763773012.7	371308.76	3773012.7	0.0048315	0.0007798	0.0048315			
371308.763773032.7	371308.76	3773032.7	0.0045969	0.0007648	0.0045969			
371308.763773052.7	371308.76	3773052.7	0.0040091	0.0007232	0.0040091			
371308.763773072.7	371308.76	3773072.7	0.0036756	0.0006788	0.0036756			
371328.763772712.7	371328.76	3772712.7	0.0030441	0.0002671	0.0030441			
371328.763772732.7	371328.76	3772732.7	0.0032711	0.0002949	0.0032711			
371328.763772752.7	371328.76	3772752.7	0.0035017	0.0003256	0.0035017			
371328.763772772.7	371328.76	3772772.7	0.0037526	0.0003607	0.0037526			
371328.763772792.7	371328.76	3772792.7	0.0040093	0.0003998	0.0040093			
371328.763772812.7	371328.76	3772812.7	0.0042723	0.0004433	0.0042723			
371328.763772832.7	371328.76	3772832.7	0.0045544	0.0004927	0.0045544			

371819.033772985.46	371819.03	3772985.5	0.313369595	0.154731962	0.4681016	371819.03	3772985.46	
371581.973773232.21	371581.97	3773232.2	0.300953726	0.030230227	0.331184	371581.97	3773232.21	
371468.763772832.7	371468.76	3772832.7	0.386077218	0.020976339	0.4070536	371468.76	3772832.7	
371597.183772837.5	371597.18	3772837.5	0.376591909	0.030422741	0.4070147	371597.18	3772837.5	
371461.973773152.21	371461.97	3773152.2	0.32101864	0.02782955	0.3488482	371461.97	3773152.21	
371637.183772857.5	371637.18	3772857.5	0.36857738	0.037318771	0.4058962	371637.18	3772857.5	
371661.973773312.21	371661.97	3773312.2	0.287195335	0.024571089	0.3117664	371661.97	3773312.21	
371741.973773372.21	371741.97	3773372.2	0.281971057	0.025087708	0.3070588	371741.97	3773372.21	
371348.763772972.7	371348.76	3772972.7	0.34946623	0.020739613	0.3702058	371348.76	3772972.7	
371348.763772992.7	371348.76	3772992.7	0.345097511	0.021249966	0.3663475	371348.76	3772992.7	
371388.763772872.7	371388.76	3772872.7	0.366513307	0.018875398	0.3853887	371388.76	3772872.7	
371348.763772952.7	371348.76	3772952.7	0.349829124	0.019980002	0.3698091	371348.76	3772952.7	
371734.813772931.37	371734.81	3772931.4	0.330545937	0.081894231	0.4124402	371734.81	3772931.37	
371348.763773012.7	371348.76	3773012.7	0.334736849	0.021163979	0.3559008	371348.76	3773012.7	
371718.383772918.96	371718.38	3772919	0.336108627	0.071452188	0.4075608	371718.38	3772918.96	
371688.383772888.96	371688.38	3772889	0.343512181	0.053134489	0.3966467	371688.38	3772888.96	
371448.763772832.7	371448.76	3772832.7	0.366932818	0.019643364	0.3865762	371448.76	3772832.7	
371698.383772898.96	371698.38	3772899	0.340302555	0.058452811	0.3987554	371698.38	3772898.96	
371521.973773172.21	371521.97	3773172.2	0.293998286	0.029077582	0.3230759	371521.97	3773172.21	
371408.763772852.7	371408.76	3772852.7	0.362252772	0.018752161	0.3810049	371408.76	3772852.7	
371621.973773292.21	371621.97	3773292.2	0.278410698	0.025398933	0.3038096	371621.97	3773292.21	
371859.033773005.46	371859.03	3773005.5	0.286012586	0.205690662	0.4917032	371859.03	3773005.46	
371799.033772965.46	371799.03	3772965.5	0.300343526	0.119530842	0.4198744	371799.03	3772965.46	
371368.763772892.7	371368.76	3772892.7	0.351112735	0.018527968	0.3696407	371368.76	3772892.7	
371617.183772837.5	371617.18	3772837.5	0.348018841	0.031596274	0.3796151	371617.18	3772837.5	
371774.813772951.37	371774.81	3772951.4	0.305462458	0.101347518	0.40681	371774.81	3772951.37	
371561.973773212.21	371561.97	3773212.2	0.276183726	0.029406561	0.3055903	371561.97	3773212.21	
371681.973773332.21	371681.97	3773332.2	0.263362201	0.022591296	0.2859535	371681.97	3773332.21	
371508.763772812.7	371508.76	3772812.7	0.352675357	0.021453272	0.3741286	371508.76	3772812.7	
371701.973773352.21	371701.97	3773352.2	0.262116027	0.022786247	0.2849023	371701.97	3773352.21	
371348.763773032.7	371348.76	3773032.7	0.315645394	0.020904625	0.33655	371348.76	3773032.7	
371481.973773172.21	371481.97	3773172.2	0.289456512	0.027021897	0.3164784	371481.97	3773172.21	
371657.183772857.5	371657.18	3772857.5	0.33326018	0.039129027	0.3723892	371657.18	3772857.5	
371528.763772812.7	371528.76	3772812.7	0.349275927	0.022467015	0.3717429	371528.76	3772812.7	
371488.763772812.7	371488.76	3772812.7	0.348756255	0.020335787	0.369092	371488.76	3772812.7	
371428.763772832.7	371428.76	3772832.7	0.345241098	0.018374444	0.3636155	371428.76	3772832.7	
371839.033772985.46	371839.03	3772985.5	0.274525537	0.149518773	0.4240443	371839.03	3772985.46	
371698.383772888.96	371698.38	3772889	0.317959697	0.05363022	0.3715899	371698.38	3772888.96	
371548.763772812.7	371548.76	3772812.7	0.338239052	0.023317835	0.3615569	371548.76	3772812.7	
371708.383772898.96	371708.38	3772899	0.315041793	0.058948543	0.3739903	371708.38	3772898.96	
371368.763772872.7	371368.76	3772872.7	0.331524212	0.017482893	0.3490071	371368.76	3772872.7	
371401.973773112.21	371401.97	3773112.2	0.288156657	0.022470148	0.3106268	371401.97	3773112.21	
371468.763772812.7	371468.76	3772812.7	0.339285283	0.019192541	0.3584778	371468.76	3772812.7	
371388.763772852.7	371388.76	3772852.7	0.332479449	0.017444948	0.3499244	371388.76	3772852.7	
371721.973773372.21	371721.97	3773372.2	0.247418189	0.021874156	0.2692923	371721.97	3773372.21	
371568.763772812.7	371568.76	3772812.7	0.328156166	0.024434624	0.3525908	371568.76	3772812.7	
371641.973773312.21	371641.97	3773312.2	0.250762778	0.022241081	0.2730039	371641.97	3773312.21	
371637.183772837.5	371637.18	3772837.5	0.318540705	0.032819589	0.3513603	371637.18	3772837.5	
371541.973773192.21	371541.97	3773192.2	0.261944445	0.027785686	0.2897301	371541.97	3773192.21	
371581.973773252.21	371581.97	3773252.2	0.256279977	0.026345836	0.2826258	371581.97	3773252.21	
371348.763773052.7	371348.76	3773052.7	0.293214514	0.020603496	0.313818	371348.76	3773052.7	
371754.813772931.37	371754.81	3772931.4	0.289739063	0.081796756	0.3715358	371754.81	3772931.37	
371328.763772972.7	371328.76	3772972.7	0.304071601	0.018530753	0.3226024	371328.76	3772972.7	
371328.763772952.7	371328.76	3772952.7	0.305975908	0.018007171	0.3239831	371328.76	3772952.7	
371348.763772892.7	371348.76	3772892.7	0.315837	0.017157744	0.3329947	371348.76	3772892.7	
371408.763772832.7	371408.76	3772832.7	0.324595168	0.017259745	0.3418549	371408.76	3772832.7	
371328.763772992.7	371328.76	3772992.7	0.298410498	0.018712127	0.3171226	371328.76	3772992.7	
371819.033772965.46	371819.03	3772965.5	0.265809913	0.116990565	0.3828005	371819.03	3772965.46	
371421.973773132.21	371421.97	3773132.2	0.272644576	0.022018977	0.2946636	371421.97	3773132.21	
371879.033773005.46	371879.03	3773005.5	0.252748456	0.196792907	0.4495414	371879.03	3773005.46	
371448.763772812.7	371448.76	3772812.7	0.322799513	0.017951819	0.3407513	371448.76	3772812.7	
371441.973773152.21	371441.97	3773152.2	0.267759977	0.022966924	0.2907269	371441.97	3773152.21	
371328.763772932.7	371328.76	3772932.7	0.303083352	0.017509003	0.3205924	371328.76	3772932.7	
371328.763773012.7	371328.76	3773012.7	0.287591579	0.01906826	0.3066598	371328.76	3773012.7	
371718.383772898.96	371718.38	3772899	0.291796298	0.059197801	0.3509941	371718.38	3772898.96	
371708.383772888.96	371708.38	3772889	0.294090453	0.05390524	0.3479957	371708.38	3772888.96	
371368.763772852.7	371368.76	3772852.7	0.306464159	0.0163205	0.3227847	371368.76	3772852.7	
371734.813772911.37	371734.81	3772911.4	0.281636952	0.066561017	0.348198	371734.81	3772911.37	
371677.183772857.5	371677.18	3772857.5	0.292927245	0.040120838	0.3330481	371677.18	3772857.5	
371428.763772812.7	371428.76	3772812.7	0.309820488	0.016983332	0.3268038	371428.76	3772812.7	
371388.763772832.7	371388.76	3772832.7	0.305208766	0.01627594	0.3214847	371388.76	3772832.7	
371348.763772872.7	371348.76	3772872.7	0.298086572	0.016162451	0.314249	371348.76	3772872.7	
371859.033772985.46	371859.03	3772985.5	0.244052267	0.144841351	0.3888936	371859.03	3772985.46	
371617.183772817.5	371617.18	3772817.5	0.296389298	0.027700047	0.3240893	371617.18	3772817.5	
371561.973773232.21	371561.97	3773232.2	0.237666557	0.025939573	0.2636061	371561.97	3773232.21	
371661.973773332.21	371661.97	3773332.2	0.226650816	0.019812205	0.246463	371661.97	3773332.21	
371328.763773032.7	371328.76	3773032.7	0.270623567	0.018489674	0.2891132	371328.76	3773032.7	
371501.973773192.21	371501.97	3773192.2	0.243769512	0.024746545	0.2685161	371501.97	3773192.21	
371528.763772792.7	371528.76	3772792.7	0.300076222	0.020209417	0.3202856	371528.76	3772792.7	
371508.763772792.7	371508.76	3772792.7	0.300994708	0.019227701	0.3202224	371508.76	3772792.7	
371657.183772837.5	371657.18	3772837.5	0.28529434	0.033653699	0.318948	371657.18	3772837.5	
371799.033772945.46	371799.03	3772945.5	0.25282638	0.093284918	0.3461113	371799.03	3772945.46	
371681.973773352.21	371681.97	3773352.2	0.222683	0.019519083	0.2422021	371681.97	3773352.21	
371488.763772792.7	371488.76	3772792.7	0.298845042	0.018281495	0.3171265	371488.76	3772792.7	

371328.763772852.7	371328.76	3772852.7	0.0048407	0.0005469	0.0048407
371328.763772872.7	371328.76	3772872.7	0.0051027	0.0006038	0.0051027
371328.763772932.7	371328.76	3772932.7	0.0057222	0.0007809	0.0057222
371328.763772952.7	371328.76	3772952.7	0.0057948	0.0008305	0.0057948
371328.763772972.7	371328.76	3772972.7	0.0057924	0.0008694	0.0057924
371328.763772992.7	371328.76	3772992.7	0.0057126	0.0008957	0.0057126
371328.763773012.7	371328.76	3773012.7	0.0055597	0.0009055	0.0055597
371328.763773032.7	371328.76	3773032.7	0.0052606	0.000885	0.0052606
371328.763773052.7	371328.76	3773052.7	0.0046739	0.0008428	0.0046739
371328.763773072.7	371328.76	3773072.7	0.0042613	0.0007925	0.0042613
371348.763772712.7	371348.76	3772712.7	0.0031743	0.0002766	0.0031743
371348.763772732.7	371348.76	3772732.7	0.003413	0.0003054	0.003413
371348.763772752.7	371348.76	3772752.7	0.0036637	0.0003379	0.0036637
371348.763772772.7	371348.76	3772772.7	0.0039617	0.0003771	0.0039617
371348.763772792.7	371348.76	3772792.7	0.0042469	0.0004194	0.0042469
371348.763772812.7	371348.76	3772812.7	0.004602	0.0004715	0.004602
371348.763772832.7	371348.76	3772832.7	0.0049115	0.0005256	0.0049115
371348.763772852.7	371348.76	3772852.7	0.0052673	0.0005891	0.0052673
371348.763772872.7	371348.76	3772872.7	0.005571	0.0006545	0.005571
371348.763772892.7	371348.76	3772892.7	0.0059051	0.0007283	0.0059051
371348.763772952.7	371348.76	3772952.7	0.0065938	0.000945	0.0065938
371348.763772972.7	371348.76	3772972.7	0.0066283	0.0009981	0.0066283
371348.763772992.7	371348.76	3772992.7	0.0065862	0.0010377	0.0065862
371348.763773012.7	371348.76	3773012.7	0.006418	0.0010563	0.006418
371348.763773032.7	371348.76	3773032.7	0.0061017	0.0010398	0.0061017
371348.763773052.7	371348.76	3773052.7	0.0057301	0.0010044	0.0057301
371348.763773072.7	371348.76	3773072.7	0.0050155	0.0009338	0.0050155
371368.763772712.7	371368.76	3772712.7	0.0032835	0.000285	0.0032835
371368.763772732.7	371368.76	3772732.7	0.0035466	0.0003156	0.0035466
371368.763772752.7	371368.76	3772752.7	0.0038333	0.0003509	0.0038333
371368.763772772.7	371368.76	3772772.7	0.0041395	0.0003912	0.0041395
371368.763772792.7	371368.76	3772792.7	0.0044984	0.0004398	0.0044984
371368.763772812.7	371368.76	3772812.7	0.0048841	0.0004959	0.0048841
371368.763772832.7	371368.76	3772832.7	0.0052969	0.0005604	0.0052969
371368.763772852.7	371368.76	3772852.7	0.0057115	0.0006324	0.0057115
371368.763772872.7	371368.76	3772872.7	0.0061703	0.0007159	0.0061703
371368.763772892.7	371368.76	3772892.7	0.0065363	0.0008	0.0065363
371368.763772972.7	371368.76	3772972.7	0.0076861	0.0011601	0.0076861
371368.763772992.7	371368.76	3772992.7	0.0076738	0.0012172	0.0076738
371368.763773012.7	371368.76	3773012.7	0.0075102	0.0012479	0.0075102
371368.763773032.7	371368.76	3773032.7	0.0072042	0.0012454	0.0072042
371388.763772712.7	371388.76	3772712.7	0.0033678	0.0002922	0.0033678
371388.763772732.7	371388.76	3772732.7	0.0036531	0.0003243	0.0036531
371388.763772752.7	371388.76	3772752.7	0.0039793	0.0003625	0.0039793
371388.763772772.7	371388.76	3772772.7	0.0043438	0.0004074	0.0043438
371388.763772792.7	371388.76	3772792.7	0.0047142	0.0004576	0.0047142
371388.763772812.7	371388.76	3772812.7	0.0051835	0.0005213	0.0051835
371388.763772832.7	371388.76	3772832.7	0.0056886	0.0005954	0.0056886
371388.763772852.7	371388.76	3772852.7	0.0061827	0.0006774	0.0061827
371388.763772872.7	371388.76	3772872.7	0.0067978	0.0007796	0.0067978
371388.763772892.7	371388.76	3772892.7	0.0072897	0.0008828	0.0072897
371388.763772972.7	371388.76	3772972.7	0.0089746	0.0013585	0.0089746
371388.763772992.7	371388.76	3772992.7	0.0090451	0.0014441	0.0090451
371388.763773012.7	371388.76	3773012.7	0.0088968	0.0014935	0.0088968
371408.763772712.7	371408.76	3772712.7	0.0034531	0.0002999	0.0034531
371408.763772732.7	371408.76	3772732.7	0.0037553	0.0003332	0.0037553
371408.763772752.7	371408.76	3772752.7	0.0041344	0.0003753	0.0041344
371408.763772772.7	371408.76	3772772.7	0.0045149	0.0004215	0.0045149
371408.763772792.7	371408.76	3772792.7	0.0049601	0.0004778	0.0049601
371408.763772812.7	371408.76	3772812.7	0.0054985	0.000548	0.0054985
371408.763772832.7	371408.76	3772832.7	0.0060472	0.0006273	0.0060472
371408.763772852.7	371408.76	3772852.7	0.006723	0.0007276	0.006723
371408.763772872.7	371408.76	3772872.7	0.0073831	0.0008393	0.0073831
371408.763772892.7	371408.76	3772892.7	0.008074	0.0009683	0.008074
371428.763772712.7	371428.76	3772712.7	0.0035393	0.0003086	0.0035393
371428.763772732.7	371428.76	3772732.7	0.0038709	0.0003439	0.0038709
371428.763772752.7	371428.76	3772752.7	0.0042763	0.0003879	0.0042763
371428.763772772.7	371428.76	3772772.7	0.0047073	0.0004379	0.0047073
371428.763772792.7	371428.76	3772792.7	0.0052011	0.0004982	0.0052011
371428.763772812.7	371428.76	3772812.7	0.0057978	0.0005736	0.0057978
371428.763772832.7	371428.76	3772832.7	0.0064326	0.0006613	0.0064326
371428.763772852.7	371428.76	3772852.7	0.0071793	0.0007702	0.0071793
371428.763772872.7	371428.76	3772872.7	0.0080208	0.0009024	0.0080208
371448.763772712.7	371448.76	3772712.7	0.0035775	0.0003145	0.0035775
371448.763772732.7	371448.76	3772732.7	0.0039372	0.0003518	0.0039372
371448.763772752.7	371448.76	3772752.7	0.0043412	0.0003955	0.0043412
371448.763772772.7	371448.76	3772772.7	0.0048222	0.0004492	0.0048222
371448.763772792.7	371448.76	3772792.7	0.0053863	0.000515	0.0053863
371448.763772812.7	371448.76	3772812.7	0.0060539	0.0005964	0.0060539
371448.763772832.7	371448.76	3772832.7	0.0068426	0.0006977	0.0068426
371448.763772852.7	371448.76	3772852.7	0.007709	0.0008188	0.007709
371468.763772712.7	371468.76	3772712.7	0.003603	0.0003203	0.003603
371468.763772732.7	371468.76	3772732.7	0.0039836	0.0003592	0.0039836
371468.763772752.7	371468.76	3772752.7	0.0044332	0.0004064	0.0044332

371548.763772792.7	371548.76	3772792.7	0.292605382	0.021038305	0.3136437
371774.813772931.37	371774.81	3772931.4	0.256161582	0.080732883	0.3368945
371718.383772888.96	371718.38	3772889	0.271947839	0.053942838	0.3258907
371408.763772812.7	371408.76	3772812.7	0.294098925	0.016021808	0.3101207
371621.973773312.21	371621.97	3773312.2	0.223517445	0.020917854	0.2444353
371468.763772792.7	371468.76	3772792.7	0.29450687	0.017398647	0.3119055
371381.973773112.21	371381.97	3773112.2	0.249081747	0.019761379	0.2688431
371481.973773192.21	371481.97	3773192.2	0.238064184	0.023531585	0.2615958
371839.033772965.46	371839.03	3772965.5	0.236519713	0.113377713	0.3498974
371348.763773072.7	371348.76	3773072.7	0.252063107	0.019419519	0.2714826
371701.973773372.21	371701.97	3773372.2	0.215487144	0.019073133	0.2345603
371521.973773192.21	371521.97	3773192.2	0.229988045	0.024000511	0.2539886
371899.033773005.46	371899.03	3773005.5	0.225338155	0.18551571	0.4108539
371541.973773212.21	371541.97	3773212.2	0.227353101	0.025067517	0.2524206
371568.763772792.7	371568.76	3772792.7	0.284070624	0.021981031	0.3060517
371308.763772972.7	371308.76	3772972.7	0.265945262	0.016565929	0.2825112
371308.763772952.7	371308.76	3772952.7	0.268478201	0.01633164	0.2848098
371348.763772852.7	371348.76	3772852.7	0.281873703	0.015281692	0.2971554
371368.763772832.7	371368.76	3772832.7	0.28377055	0.015282736	0.2990533
371601.973773292.21	371601.97	3773292.2	0.219362888	0.021560495	0.2409234
371461.973773172.21	371461.97	3773172.2	0.235983133	0.021608188	0.2575913
371637.183772817.5	371637.18	3772817.5	0.273896648	0.028696732	0.3025934
371448.763772792.7	371448.76	3772792.7	0.285610583	0.016466365	0.3020769
371308.763772932.7	371308.76	3772932.7	0.267898437	0.015959494	0.2838579
371308.763772992.7	371308.76	3772992.7	0.25911087	0.016743474	0.2758543
371328.763772872.7	371328.76	3772872.7	0.272042109	0.0151038	0.2871459
371401.973773132.21	371401.97	3773132.2	0.236111659	0.01919463	0.2553063
371388.763772812.7	371388.76	3772812.7	0.277247202	0.0151038	0.292351
371588.763772792.7	371588.76	3772792.7	0.272030688	0.022877108	0.2949078
371754.813772911.37	371754.81	3772911.4	0.248392264	0.066773025	0.3151653
371421.973773152.21	371421.97	3773152.2	0.231209557	0.01979271	0.2510023
371308.763772912.7	371308.76	3772912.7	0.262181116	0.015414676	0.2775958
371428.763772792.7	371428.76	3772792.7	0.276604036	0.015649661	0.2922537
371308.763773012.7	371308.76	3773012.7	0.248910015	0.016884116	0.2657941
371697.183772857.5	371697.18	3772857.5	0.25681109	0.040923965	0.2977351
371879.033772985.46	371879.03	3772985.5	0.217287121	0.136868218	0.3541553
371819.033772945.46	371819.03	3772945.5	0.22727831	0.091467003	0.3187453
371677.183772837.5	371677.18	3772837.5	0.25677996	0.034731498	0.2915115
371328.763773052.7	371328.76	3773052.7	0.237008001	0.017459569	0.2544676
371348.763772832.7	371348.76	3772832.7	0.262560873	0.014340707	0.2769016
371561.973773252.21	371561.97	3773252.2	0.206595874	0.023023321	0.2296192
371328.763772852.7	371328.76	3772852.7	0.258209924	0.014296495	0.2725064
371408.763772792.7	371408.76	3772792.7	0.264192408	0.014798493	0.2789909
371508.763772772.7	371508.76	3772772.7	0.263232754	0.017499603	0.2807324
371488.763772772.7	371488.76	3772772.7	0.263212518	0.0167292	0.2799417
371308.763773032.7	371308.76	3773032.7	0.235173486	0.016561752	0.2517352
371368.763772812.7	371368.76	3772812.7	0.261082077	0.014275259	0.2753573
371528.763772772.7	371528.76	3772772.7	0.26118486	0.018306908	0.2794918
371608.763772792.7	371608.76	3772792.7	0.254715205	0.02352497	0.2782402
371657.183772817.5	371657.18	3772817.5	0.249572144	0.029513088	0.2790852
371859.033772965.46	371859.03	3772965.5	0.21142074	0.108474704	0.3198954
371468.763772772.7	371468.76	3772772.7	0.260433063	0.01596019	0.2763933
371641.973773332.21	371641.97	3773332.2	0.194736714	0.017619359	0.2123561
371919.033773005.46	371919.03	3773005.5	0.201290147	0.16771811	0.3690083
371548.763772772.7	371548.76	3772772.7	0.255268486	0.019048417	0.2743169
371288.763772952.7	371288.76	3772952.7	0.236963103	0.014970467	0.2519336
371568.763772772.7	371568.76	3772772.7	0.249577634	0.019944493	0.2695221
371288.763772972.7	371288.76	3772972.7	0.233513547	0.014925211	0.2484388
371288.763772932.7	371288.76	3772932.7	0.237990601	0.014558982	0.2525496
371448.763772772.7	371448.76	3772772.7	0.254334417	0.015164722	0.2694991
371541.973773232.21	371541.97	3773232.2	0.199017565	0.022633767	0.2216513
371361.973773112.21	371361.97	3773112.2	0.215453717	0.017289335	0.2327431
371661.973773352.21	371661.97	3773352.2	0.189103152	0.016874021	0.2059772
371388.763772792.7	371388.76	3772792.7	0.251278938	0.014008595	0.2652875
371799.033772925.46	371799.03	3772925.5	0.215824476	0.074885756	0.2907102
371774.813772911.37	371774.81	3772911.4	0.220477643	0.066024206	0.2865018
371381.973773132.21	371381.97	3773132.2	0.211014206	0.017393425	0.2284076
371288.763772912.7	371288.76	3772912.7	0.235852835	0.014293014	0.2501458
371328.763773072.7	371328.76	3773072.7	0.215402325	0.016119283	0.2315216
371428.763772772.7	371428.76	3772772.7	0.249221892	0.01451303	0.2637349
371348.763772812.7	371348.76	3772812.7	0.245755376	0.013525744	0.2592811
371288.763772992.7	371288.76	3772992.7	0.225956346	0.014721557	0.2406779
371621.973773332.21	371621.97	3773332.2	0.187940525	0.017990461	0.205931
371839.033772945.46	371839.03	3772945.5	0.204935544	0.088765893	0.2937014
371328.763772832.7	371328.76	3772832.7	0.242870459	0.013481184	0.2563516
371681.973773372.21	371681.97	3773372.2	0.18389199	0.016406487	0.2002985
371441.973773172.21	371441.97	3773172.2	0.203242485	0.018441285	0.2216838
371899.033772985.46	371899.03	3772985.5	0.194737005	0.127199712	0.3219367
371308.763772852.7	371308.76	3772852.7	0.237255324	0.013418521	0.2506738
371717.183772857.5	371717.18	3772857.5	0.225144253	0.041425615	0.2665699
371588.763772772.7	371588.76	3772772.7	0.236831484	0.020512635	0.2573441
371601.973773312.21	371601.97	3773312.2	0.184023023	0.018468438	0.2024915
371697.183772837.5	371697.18	3772837.5	0.225280493	0.035006866	0.2602874
371288.763773012.7	371288.76	3773012.7	0.217104619	0.014904671	0.2320093

371468.763772772.7	371468.76	3772772.7	0.0049602	0.0004637	0.0049602
371468.763772792.7	371468.76	3772792.7	0.0055758	0.0005335	0.0055758
371468.763772812.7	371468.76	3772812.7	0.0063798	0.0006264	0.0063798
371468.763772832.7	371468.76	3772832.7	0.0072155	0.000732	0.0072155
371468.763772852.7	371468.76	3772852.7	0.0081702	0.0008616	0.0081702
371488.763772712.7	371488.76	3772712.7	0.0036471	0.0003286	0.0036471
371488.763772732.7	371488.76	3772732.7	0.0040371	0.0003684	0.0040371
371488.763772752.7	371488.76	3772752.7	0.0045041	0.0004171	0.0045041
371488.763772772.7	371488.76	3772772.7	0.0050442	0.0004753	0.0050442
371488.763772792.7	371488.76	3772792.7	0.0056904	0.0005474	0.0056904
371488.763772812.7	371488.76	3772812.7	0.0065894	0.0006486	0.0065894
371488.763772832.7	371488.76	3772832.7	0.0075008	0.0007604	0.0075008
371488.763772852.7	371488.76	3772852.7	0.0085288	0.000896	0.0085288
371508.763772712.7	371508.76	3772712.7	0.0036501	0.0003344	0.0036501
371508.763772732.7	371508.76	3772732.7	0.0040402	0.0003745	0.0040402
371508.763772752.7	371508.76	3772752.7	0.0045325	0.0004256	0.0045325
371508.763772772.7	371508.76	3772772.7	0.0050846	0.0004849	0.0050846
371508.763772792.7	371508.76	3772792.7	0.0057737	0.0005607	0.0057737
371508.763772812.7	371508.76	3772812.7	0.0067096	0.0006651	0.0067096
371508.763772832.7	371508.76	3772832.7	0.0076548	0.000779	0.0076548
371528.763772712.7	371528.76	3772712.7	0.0036275	0.0003388	0.0036275
371528.763772732.7	371528.76	3772732.7	0.0040349	0.0003809	0.0040349
371528.763772752.7	371528.76	3772752.7	0.0045335	0.0004331	0.0045335
371528.763772772.7	371528.76	3772772.7	0.005094	0.0004935	0.005094
371528.763772792.7	371528.76	3772792.7	0.0058101	0.000572	0.0058101
371528.763772812.7	371528.76	3772812.7	0.0067082	0.000673	0.0067082
371528.763772832.7	371528.76	3772832.7	0.0077381	0.0007941	0.0077381
371548.763772712.7	371548.76	3772712.7	0.0035745	0.0003408	0.0035745
371548.763772732.7	371548.76	3772732.7	0.0039907	0.0003844	0.0039907
371548.763772752.7	371548.76	3772752.7	0.0044615	0.0004347	0.0044615
371548.763772772.7	371548.76	3772772.7	0.0050386	0.0004974	0.0050386
371548.763772792.7	371548.76	3772792.7	0.0057346	0.0005745	0.0057346
371548.763772812.7	371548.76	3772812.7	0.0065773	0.0006703	0.0065773
371548.763772832.7	371548.76	3772832.7	0.0076623	0.0007967	0.0076623
371568.763772712.7	371568.76	3772712.7	0.0034969	0.0003404	0.0034969
371568.763772732.7	371568.76	3772732.7	0.0039022	0.0003838	0.0039022
371568.763772752.7	371568.76	3772752.7	0.004395	0.0004373	0.004395
371568.763772772.7	371568.76	3772772.7	0.0049949	0.0005034	0.0049949
371568.763772792.7	371568.76	3772792.7	0.0056481	0.0005774	0.0056481
371568.763772812.7	371568.76	3772812.7	0.0064752	0.0006726	0.0064752
371588.763772712.7	371588.76	3772712.7	0.0034224	0.00034	0.0034224
371588.763772732.7	371588.76	3772732.7	0.003805	0.000382	0.003805
371588.763772752.7	371588.76	3772752.7	0.0042831	0.0004351	0.0042831
371588.763772772.7	371588.76	3772772.7	0.0048221	0.0004961	0.0048221
371588.763772792.7	371588.76	3772792.7	0.0055036	0.0005744	0.0055036
371608.763772712.7	371608.76	3772712.7	0.0033223	0.0003361	0.0033223
371608.763772732.7	371608.76	3772732.7	0.0036912	0.0003774	0.0036912
371608.763772752.7	371608.76	3772752.7	0.0041461	0.0004291	0.0041461
371608.763772772.7	371608.76	3772772.7	0.0046515	0.0004876	0.0046515
371608.763772792.7	371608.76	3772792.7	0.0052624	0.0005595	0.0052624
371628.763772712.7	371628.76	3772712.7	0.003218	0.0003305	0.003218
371628.763772732.7	371628.76	3772732.7	0.0035667	0.0003703	0.0035667
371628.763772752.7	371628.76	3772752.7	0.0039918	0.0004194	0.0039918
371628.763772772.7	371628.76	3772772.7	0.004466	0.0004752	0.004466
371648.763772712.7	371648.76	3772712.7	0.0030887	0.0003207	0.0030887
371648.763772732.7	371648.76	3772732.7	0.003412	0.0003579	0.003412
371648.763772752.7	371648.76	3772752.7	0.0037884	0.0004018	0.0037884
371648.763772772.7	371648.76	3772772.7	0.0042303	0.0004541	0.0042303
371668.763772712.7	371668.76	3772712.7	0.0029736	0.0003109	0.0029736
371668.763772732.7	371668.76	3772732.7	0.0032708	0.0003451	0.0032708
371668.763772752.7	371668.76	3772752.7	0.0036038	0.0003839	0.0036038
371688.763772712.7	371688.76	3772712.7	0.0028547	0.0002991	0.0028547
371688.763772732.7	371688.76	3772732.7	0.003111	0.0003283	0.003111
371708.763772712.7	371708.76	3772712.7	0.0027107	0.0002832	0.0027107
371281.973773112.21	371281.97	3773112.2	0.0026629	0.0004941	0.0026629
371281.973773132.21	371281.97	3773132.2	0.0024512	0.0004565	0.0024512
371281.973773152.21	371281.97	3773152.2	0.0022316	0.0004173	0.0022316
371281.973773172.21	371281.97	3773172.2	0.002039	0.0003819	0.002039
371281.973773192.21	371281.97	3773192.2	0.0018156	0.0003422	0.0018156
371281.973773212.21	371281.97	3773212.2	0.0016239	0.0003076	0.0016239
371281.973773232.21	371281.97	3773232.2	0.0015067	0.0002849	0.0015067
371281.973773252.21	371281.97	3773252.2	0.0013276	0.0002533	0.0013276
371281.973773272.21	371281.97	3773272.2	0.0010736	0.0002102	0.0010736
371281.973773292.21	371281.97	3773292.2	0.0009622	0.0001898	0.0009622
371281.973773312.21	371281.97	3773312.2	0.0008933	0.0001766	0.0008933
371281.973773332.21	371281.97	3773332.2	0.0007885	0.0001578	0.0007885
371281.973773352.21	371281.97	3773352.2	0.0007377	0.0001479	0.0007377
371281.973773372.21	371281.97	3773372.2	0.0007143	0.0001428	0.0007143
371301.973773112.21	371301.97	3773112.2	0.0029925	0.000561	0.0029925
371301.973773132.21	371301.97	3773132.2	0.0027782	0.0005209	0.0027782
371301.973773152.21	371301.97	3773152.2	0.0024564	0.0004648	0.0024564
371301.973773172.21	371301.97	3773172.2	0.0022675	0.000428	0.0022675
371301.973773192.21	371301.97	3773192.2	0.0020407	0.0003863	0.0020407
371301.973773212.21	371301.97	3773212.2	0.0018105	0.0003447	0.0018105

371368.763772792.7	371368.76	3772792.7	0.239861008	0.013339148	0.2532002
371401.973773152.21	371401.97	3773152.2	0.201032229	0.017216229	0.2182485
371677.183772817.5	371677.18	3772817.5	0.226051681	0.030263647	0.2563153
371408.763772772.7	371408.76	3772772.7	0.239548059	0.01376247	0.2533105
371734.813772871.37	371734.81	3772871.4	0.217203552	0.046435846	0.2636394
371879.033772965.46	371879.03	3772965.5	0.190231341	0.102674227	0.2929056
371508.763772752.7	371508.76	3772752.7	0.233192521	0.016048962	0.2492415
371308.763773052.7	371308.76	3773052.7	0.204192495	0.01470241	0.2188949
371488.763772752.7	371488.76	3772752.7	0.23362228	0.015372205	0.2489945
371939.033773005.46	371939.03	3773005.5	0.181086974	0.146747689	0.3278347
371528.763772752.7	371528.76	3772752.7	0.230975189	0.016745562	0.2477208
371521.973773212.21	371521.97	3773212.2	0.182854314	0.019913858	0.2027682
371308.763772832.7	371308.76	3772832.7	0.226594667	0.012765088	0.2393598
371819.033772925.46	371819.03	3772925.5	0.1964537	0.073666271	0.27012
371608.763772772.7	371608.76	3772772.7	0.224014461	0.021144832	0.2451593
371421.973773172.21	371421.97	3773172.2	0.191727305	0.017268448	0.2089958
371468.763772752.7	371468.76	3772752.7	0.23142638	0.014676649	0.246103
371328.763772812.7	371328.76	3772812.7	0.227650485	0.012706603	0.2403571
371388.763772772.7	371388.76	3772772.7	0.23084401	0.013125051	0.2439691
371657.183772797.5	371657.18	3772797.5	0.218849792	0.025954891	0.2448047
371268.763772952.7	371268.76	3772952.7	0.210779303	0.013622523	0.2244018
371348.763772792.7	371348.76	3772792.7	0.226306969	0.012636978	0.2389439
371548.763772752.7	371548.76	3772752.7	0.224569116	0.017315793	0.2418849
371268.763772932.7	371268.76	3772932.7	0.212088874	0.01353758	0.2256265
371448.763772752.7	371448.76	3772752.7	0.227790501	0.014015557	0.2418061
371268.763772972.7	371268.76	3772972.7	0.206583923	0.01360442	0.2201883
371859.033772945.46	371859.03	3772945.5	0.184849653	0.084789596	0.2696392
371341.973773112.21	371341.97	3773112.2	0.191754888	0.015753403	0.2075083
371541.973773252.21	371541.97	3773252.2	0.175806843	0.020511242	0.1963181
371428.763772752.7	371428.76	3772752.7	0.225403834	0.013494413	0.2388982
371361.973773132.21	371361.97	3773132.2	0.189957586	0.015946961	0.2059045
371288.763772852.7	371288.76	3772852.7	0.216781661	0.012562827	0.2293445
371919.033772985.46	371919.03	3772985.5	0.176057083	0.116541483	0.2925986
371268.763772912.7	371268.76	3772912.7	0.210434238	0.013224963	0.2236592
371461.973773192.21	371461.97	3773192.2	0.181352176	0.017579672	0.1989318
371568.763772752.7	371568.76	3772752.7	0.21819323	0.017984543	0.2361778
371641.973773352.21	371641.97	3773352.2	0.166761007	0.015421639	0.1821826
371288.763773032.7	371288.76	3773032.7	0.194563821	0.014249498	0.2088133
371381.973773152.21	371381.97	3773152.2	0.185212253	0.016022156	0.2012344
371368.763772772.7	371368.76	3772772.7	0.220115001	0.012467789	0.2325828
371268.763772992.7	371268.76	3772992.7	0.19970879	0.013447067	0.2131559
371628.763772772.7	371628.76	3772772.7	0.210317034	0.02175823	0.2320753
371268.763772892.7	371268.76	3772892.7	0.207602448	0.012752556	0.220355
371408.763772752.7	371408.76	3772752.7	0.218538471	0.012858386	0.2313969
371717.183772837.5	371717.18	3772837.5	0.200932626	0.035619568	0.2365522
371328.763772792.7	371328.76	3772792.7	0.21341999	0.01199747	0.2254175
371899.033772965.46	371899.03	3772965.5	0.172395642	0.096140944	0.2685366
371588.763772752.7	371588.76	3772752.7	0.20921923	0.018570091	0.2277893
371308.763773072.7	371308.76	3773072.7	0.185500299	0.013995018	0.1994953
371697.183772817.5	371697.18	3772817.5	0.200803925	0.030496544	0.2313005
371799.033772905.46	371799.03	3772905.5	0.186753351	0.061241998	0.2479953
371288.763772832.7	371288.76	3772832.7	0.207595027	0.011959873	0.2195549
371839.033772925.46	371839.03	3772925.5	0.178663088	0.07141668	0.2500798
371268.763773012.7	371268.76	3773012.7	0.1913426	0.013173092	0.2045157
371308.763772812.7	371308.76	3772812.7	0.208185436	0.011851954	0.2200374
371754.813772871.37	371754.81	3772871.4	0.192467369	0.046502686	0.2389701
371677.183772797.5	371677.18	3772797.5	0.199684194	0.02651224	0.2261964
371348.763772772.7	371348.76	3772772.7	0.210723756	0.011911831	0.2226356
371388.763772752.7	371388.76	3772752.7	0.210742902	0.012251602	0.2229945
371661.973773372.21	371661.97	3773372.2	0.15648612	0.014174999	0.1706611
371488.763772732.7	371488.76	3772732.7	0.208200511	0.014147845	0.2223484
371508.763772732.7	371508.76	3772732.7	0.206604508	0.014694403	0.2212989
371468.763772732.7	371468.76	3772732.7	0.206821291	0.013537928	0.2203592
371528.763772732.7	371528.76	3772732.7	0.20431824	0.01529144	0.2196097
371879.033772945.46	371879.03	3772945.5	0.168088584	0.080558123	0.2486467
371608.763772752.7	371608.76	3772752.7	0.198808375	0.019115257	0.2179236
371448.763772732.7	371448.76	3772732.7	0.205599656	0.013017828	0.2186175
371939.033772985.46	371939.03	3772985.5	0.160156074	0.104330263	0.2644863
371621.973773352.21	371621.97	3773352.2	0.154043309	0.015041833	0.1690851
371648.763772772.7	371648.76	3772772.7	0.194182534	0.022152309	0.2163348
371601.973773332.21	371601.97	3773332.2	0.154558788	0.015802837	0.1703616
371341.973773132.21	371341.97	3773132.2	0.172336639	0.01482321	0.1871598
371288.763773052.7	371288.76	3773052.7	0.176954398	0.012897724	0.1898521
371368.763772752.7	371368.76	3772752.7	0.203290413	0.011715488	0.2150059
371548.763772732.7	371548.76	3772732.7	0.199725729	0.015842175	0.2155679
371428.763772732.7	371428.76	3772732.7	0.203083194	0.012509912	0.2155931
371308.763772792.7	371308.76	3772792.7	0.199109482	0.01132872	0.2104382
371288.763772812.7	371288.76	3772812.7	0.197415118	0.011352741	0.2087679
371328.763772772.7	371328.76	3772772.7	0.199472765	0.011320713	0.2107935
371819.033772905.46	371819.03	3772905.5	0.172195921	0.060791523	0.2329874
371401.973773172.21	371401.97	3773172.2	0.164882264	0.01481207	0.1796943
371361.973773152.21	371361.97	3773152.2	0.166479447	0.014517903	0.1809974
371321.973773112.21	371321.97	3773112.2	0.168540787	0.013965079	0.1825059
371521.973773232.21	371521.97	3773232.2	0.154767175	0.017525365	0.1722925
371301.973773232.21	371301.97	3773232.2	0.0016752	0.0003185	0.0016752
371301.973773252.21	371301.97	3773252.2	0.0014459	0.0002782	0.0014459
371301.973773272.21	371301.97	3773272.2	0.001214	0.0002377	0.001214
371301.973773292.21	371301.97	3773292.2	0.0010338	0.0002058	0.0010338
371301.973773312.21	371301.97	3773312.2	0.0009282	0.0001862	0.0009282
371301.973773332.21	371301.97	3773332.2	0.000829	0.0001677	0.000829
371301.973773352.21	371301.97	3773352.2	0.0007645	0.000155	0.0007645
371301.973773372.21	371301.97	3773372.2	0.0007186	0.0001458	0.0007186
371321.973773112.21	371321.97	3773112.2	0.0034046	0.0006446	0.0034046
371321.973773132.21	371321.97	3773132.2	0.0031627	0.0005978	0.0031627
371321.973773152.21	371321.97	3773152.2	0.0027696	0.0005284	0.0027696
371321.973773172.21	371321.97	3773172.2	0.0025422	0.0004837	0.0025422
371321.973773192.21	371321.97	3773192.2	0.0022587	0.0004315	0.0022587
371321.973773212.21	371321.97	3773212.2	0.0020318	0.000389	0.0020318
371321.973773232.21	371321.97	3773232.2	0.0017989	0.0003464	0.0017989
371321.973773252.21	371321.97	3773252.2	0.0015947	0.0003091	0.0015947
371321.973773272.21	371321.97	3773272.2	0.0014111	0.0002757	0.0014111
371321.973773292.21	371321.97	3773292.2	0.0011748	0.0002339	0.0011748
371321.973773312.21	371321.97	3773312.2	0.0010216	0.0002059	0.0010216
371321.973773332.21	371321.97	3773332.2	0.0008958	0.0001825	0.0008958
371321.973773352.21	371321.97	3773352.2	0.0008102	0.0001657	0.0008102
371321.973773372.21	371321.97	3773372.2	0.0007493	0.0001532	0.0007493
371341.973773112.21	371341.97	3773112.2	0.0038667	0.0007417	0.0038667
371341.973773132.21	371341.97	3773132.2	0.0035097	0.0006744	0.0035097
371341.973773152.21	371341.97	3773152.2	0.0030999	0.0005985	0.0030999
371341.973773172.21	371341.97	3773172.2	0.0027587	0.0005335	0.0027587
371341.973773192.21	371341.97	3773192.2	0.0024466	0.0004744	0.0024466
371341.973773212.21	371341.97	3773212.2	0.0021694	0.000422	0.0021694
371341.973773232.21	371341.97	3773232.2	0.0019148	0.0003744	0.0019148
371341.973773252.21	371341.97	3773252.2	0.0016206	0.0003211	0.0016206
371341.973773272.21	371341.97	3773272.2	0.0014193	0.0002837	0.0014193
371341.973773292.21	371341.97	3773292.2	0.0012534	0.0002526	0.0012534
371341.973773312.21	371341.97	3773312.2	0.0011262	0.0002282	0.0011262
371341.973773332.21	371341.97	3773332.2	0.0009856	0.0002017	0.0009856
371341.973773352.21	371341.97	3773352.2	0.0008749	0.0001801	0.0008749
371341.973773372.21	371341.97	3773372.2	0.0007974	0.0001642	0.0007974
371361.973773112.21	371361.97	3773112.2	0.0043236	0.0008459	0.0043236
371361.973773132.21	371361.97	3773132.2	0.0038485	0.0007552	0.0038485
371361.973773152.21	371361.97	3773152.2	0.003401	0.0006683	0.003401
371361.973773172.21	371361.97	3773172.2	0.0029957	0.0005895	0.0029957
371361.973773192.21	371361.97	3773192.2	0.0026121	0.0005159	0.0026121
371361.973773212.21	371361.97	3773212.2	0.0023122	0.0004576	0.0023122
371361.973773232.21	371361.97	3773232.2	0.0020478	0.0004068	0.0020478
371361.973773292.21	371361.97	3773292.2	0.0013575	0.0002763	0.0013575
371361.973773312.21	371361.97	3773312.2	0.001221	0.0002496	0.001221
371361.973773332.21	371361.97	3773332.2	0.0010762	0.0002216	0.0010762
371361.973773352.21	371361.97	3773352.2	0.0009649	0.0001995	0.0009649
371361.973773372.21	371361.97	3773372.2	0.0008582	0.000178	0.0008582
371381.973773112.21	371381.97	3773112.2	0.004987	0.000991	0.004987
371381.973773132.21	371381.97	3773132.2	0.0042588	0.0008532	0.0042588
371381.973773152.21	371381.97	3773152.2	0.0037772	0.0007549	0.0037772
371381.973773172.21	371381.97	3773172.2	0.0032751	0.0006557	0.0032751
371381.973773192.21	371381.97	3773192.2	0.0028593	0.0005733	0.0028593
371381.973773212.21	371381.97	3773212.2	0.0024987	0.0005025	0.0024987
371381.973773232.21	371381.97	3773232.2	0.0022106	0.0004458	0.0022106
371381.973773252.21	371381.97	3773252.2	0.0019123	0.0003885	0.0019123
371381.973773272.21	371381.97	3773272.2	0.0016727	0.000342	0.0016727
371381.973773292.21	371381.97	3773292.2	0.0015118	0.0003098	0.0015118
371381.973773352.21	371381.97	3773352.2	0.0010878	0.0002251	0.0010878
371381.973773372.21	371381.97	3773372.2	0.0009775	0.0002028	0.0009775
371401.973773112.21	371401.97	3773112.2	0.0057495	0.0011646	0.0057495
371401.973773132.21	371401.97	3773132.2	0.0047519	0.0009722	0.0047519
371401.973773152.21	371401.97	3773152.2	0.0040912	0.0008367	0.0040912
371401.973773172.21	371401.97	3773172.2	0.0033915	0.0006982	0.0033915
371401.973773192.21	371401.97	3773192.2	0.0030141	0.0006182	0.0030141
371401.973773212.21	371401.97	3773212.2	0.0026054	0.0005361	0.0026054
371401.973773232.21	371401.97	3773232.2	0.0022567	0.0004664	0.0022567
371401.973773252.21	371401.97	3773252.2	0.0020385	0.0004211	0.0020385
371401.973773272.21	371401.97	3773272.2	0.0017908	0.0003715	0.0017908
371401.973773292.21	371401.97	3773292.2	0.0016103	0.0003345	0.0016103
371401.973773312.21	371401.97	3773312.2	0.0014164	0.0002955	0.0014164
371401.973773332.21	371401.97	3773332.2	0.0012692	0.0002652	0.0012692
371401.973773352.21	371401.97	3773352.2	0.0011473	0.0002399	0.0011473
371401.973773372.21	371401.97	3773372.2	0.0010421	0.0002179	0.0010421
371421.973773112.21	371421.97	3773112.2	0.0066867	0.0013826	0.0066867
371421.973773132.21	371421.97	3773132.2	0.0054799	0.0011403	0.0054799
371421.973773152.21	371421.97	3773152.2	0.0047052	0.0009758	0.0047052
371421.973773172.21	371421.97	3773172.2	0.0039461	0.00082	0.0039461
371421.973773192.21	371421.97	3773192.2	0.003333	0.0006947	0.003333
371421.973773212.21	371421.97	3773212.2	0.002749	0.000578	0.002749
371421.973773232.21	371421.97	3773232.2	0.002459	0.0005161	0.002459
371421.973773252.21	371421.97	3773252.2	0.0020651	0.000437	0.0020651
371421.973773272.21	371421.97	3773272.2	0.001834	0.0003884	0.001834
371421.973773292.21	371421.97	3773292.2	0.001649	0.000349	0.001649

371408.763772732.7	371408.76	3772732.7	0.197654443	0.011941074	0.2095955	371408.76	3772732.7	
371568.763772732.7	371568.76	3772732.7	0.19262183	0.016308316	0.2089301	371568.76	3772732.7	
371919.033772965.46	371919.03	3772965.5	0.15674848	0.088231867	0.2449803	371919.03	3772965.46	
371628.763772752.7	371628.76	3772752.7	0.187435102	0.019618995	0.2070541	371628.76	3772752.7	
371859.033772925.46	371859.03	3772925.5	0.162624692	0.06832706	0.2309518	371859.03	3772925.46	
371421.973773192.21	371421.97	3773192.2	0.160177822	0.015124687	0.1753025	371421.97	3773192.21	
371348.763772752.7	371348.76	3772752.7	0.194390406	0.011167189	0.2055576	371348.76	3772752.7	
371268.763773032.7	371268.76	3773032.7	0.170994861	0.012303821	0.1832987	371268.76	3773032.7	
371541.973773272.21	371541.97	3773272.2	0.151227696	0.017994639	0.1692223	371541.97	3773272.21	
371717.183772817.5	371717.18	3772817.5	0.1796403	0.030814035	0.2104543	371717.18	3772817.5	
371697.183772797.5	371697.18	3772797.5	0.180728731	0.02689135	0.2076201	371697.18	3772797.5	
371737.183772837.5	371737.18	3772837.5	0.177552388	0.035631056	0.2131834	371737.18	3772837.5	
371388.763772732.7	371388.76	3772732.7	0.19278981	0.011457179	0.204247	371388.76	3772732.7	
371381.973773172.21	371381.97	3773172.2	0.159168319	0.014329219	0.1734975	371381.97	3773172.21	
371288.763772792.7	371288.76	3772792.7	0.187243508	0.010775199	0.1980187	371288.76	3772792.7	
371774.813772871.37	371774.81	3772871.4	0.171117446	0.045934196	0.2170516	371774.81	3772871.37	
371641.973773372.21	371641.97	3773372.2	0.14255857	0.01342235	0.1559809	371641.97	3773372.21	
371588.763772732.7	371588.76	3772732.7	0.184920144	0.016789426	0.2017096	371588.76	3772732.7	
371441.973773192.21	371441.97	3773192.2	0.154023646	0.01479153	0.1688152	371441.97	3773192.21	
371308.763772772.7	371308.76	3772772.7	0.187563826	0.010731684	0.1982955	371308.76	3772772.7	
371899.033772945.46	371899.03	3772945.5	0.153270722	0.075436492	0.2287072	371899.03	3772945.46	
371288.763773072.7	371288.76	3773072.7	0.163064938	0.012487284	0.1755522	371288.76	3773072.7	
371677.183772777.5	371677.18	3772777.5	0.177613673	0.023410785	0.2010245	371677.18	3772777.5	
371488.763772712.7	371488.76	3772712.7	0.187096772	0.013085364	0.2001821	371488.76	3772712.7	
371368.763772732.7	371368.76	3772732.7	0.187550431	0.011007748	0.1985582	371368.76	3772732.7	
371508.763772712.7	371508.76	3772712.7	0.185673262	0.013579355	0.1992526	371508.76	3772712.7	
371799.033772885.46	371799.03	3772885.5	0.164390775	0.050993165	0.2153839	371799.03	3772885.46	
371328.763772752.7	371328.76	3772752.7	0.185802785	0.010669717	0.1964725	371328.76	3772752.7	
371468.763772712.7	371468.76	3772712.7	0.186109698	0.01253811	0.1986478	371468.76	3772712.7	
371448.763772712.7	371448.76	3772712.7	0.185935365	0.012100167	0.1980355	371448.76	3772712.7	
371528.763772712.7	371528.76	3772712.7	0.182688506	0.014055244	0.1967438	371528.76	3772712.7	
371428.763772712.7	371428.76	3772712.7	0.184900764	0.011681024	0.1965818	371428.76	3772712.7	
371839.033772905.46	371839.03	3772905.5	0.156908143	0.058684663	0.2155928	371839.03	3772905.46	
371521.973773252.21	371521.97	3773252.2	0.14353567	0.016829809	0.1603655	371521.97	3773252.21	
371608.763772732.7	371608.76	3772732.7	0.176260788	0.017244079	0.1935049	371608.76	3772732.7	
371648.763772752.7	371648.76	3772752.7	0.173696814	0.019902718	0.1935995	371648.76	3772752.7	
371321.973773132.21	371321.97	3773132.2	0.154763233	0.01352644	0.1682897	371321.97	3773132.21	
371548.763772712.7	371548.76	3772712.7	0.177926336	0.014487964	0.1924143	371548.76	3772712.7	
371879.033772925.46	371879.03	3772925.5	0.149322377	0.065210984	0.2145334	371879.03	3772925.46	
371348.763772732.7	371348.76	3772732.7	0.18067152	0.0105336	0.1912051	371348.76	3772732.7	
371939.033772965.46	371939.03	3772965.5	0.143190573	0.079486939	0.2226775	371939.03	3772965.46	
371408.763772712.7	371408.76	3772712.7	0.181071215	0.011190862	0.1922621	371408.76	3772712.7	
371268.763773052.7	371268.76	3773052.7	0.156868294	0.011678587	0.1685469	371268.76	3773052.7	
371341.973773152.21	371341.97	3773152.2	0.15133228	0.013362473	0.1646948	371341.97	3773152.21	
371288.763772772.7	371288.76	3772772.7	0.176732367	0.010207406	0.1869398	371288.76	3772772.7	
371308.763772752.7	371308.76	3772752.7	0.176259879	0.010162846	0.1864227	371308.76	3772752.7	
371388.763772712.7	371388.76	3772712.7	0.177134399	0.010749786	0.1878842	371388.76	3772712.7	
371401.973773192.21	371401.97	3773192.2	0.145051738	0.01361939	0.1586711	371401.97	3773192.21	
371568.763772712.7	371568.76	3772712.7	0.171749029	0.014880999	0.18663	371568.76	3772712.7	
371601.973773352.21	371601.97	3773352.2	0.13257886	0.013782313	0.1463612	371601.97	3773352.21	
371717.183772797.5	371717.18	3772797.5	0.162209208	0.027011453	0.1892207	371717.18	3772797.5	
371737.183772817.5	371737.18	3772817.5	0.160920164	0.030977654	0.1918978	371737.18	3772817.5	
371628.763772732.7	371628.76	3772732.7	0.16700524	0.017676103	0.1846813	371628.76	3772732.7	
371697.183772777.5	371697.18	3772777.5	0.163032235	0.023833062	0.1868653	371697.18	3772777.5	
371361.973773172.21	371361.97	3773172.2	0.145466841	0.013148375	0.1586152	371361.97	3773172.21	
371301.973773112.21	371301.97	3773112.2	0.148090965	0.012290941	0.1603819	371301.97	3773112.21	
371819.033772885.46	371819.03	3772885.5	0.151601688	0.050508573	0.2021103	371819.03	3772885.46	
371919.033772945.46	371919.03	3772945.5	0.140084028	0.069476921	0.2095609	371919.03	3772945.46	
371757.183772837.5	371757.18	3772837.5	0.158401483	0.035557253	0.1939587	371757.18	3772837.5	
371328.763772732.7	371328.76	3772732.7	0.173236273	0.010072681	0.183309	371328.76	3772732.7	
371368.763772712.7	371368.76	3772712.7	0.173119618	0.010351878	0.1834715	371368.76	3772712.7	
371501.973773232.21	371501.97	3773232.2	0.135888157	0.01496246	0.1508506	371501.97	3773232.21	
371621.973773372.21	371621.97	3773372.2	0.129077083	0.012806167	0.1418833	371621.97	3773372.21	
371859.033772905.46	371859.03	3772905.5	0.144742036	0.056754652	0.2014967	371859.03	3772905.46	
371588.763772712.7	371588.76	3772712.7	0.165616565	0.01532103	0.1809376	371588.76	3772712.7	
371668.763772752.7	371668.76	3772752.7	0.160999483	0.020229608	0.1812291	371668.76	3772752.7	
371348.763772712.7	371348.76	3772712.7	0.167617602	0.009929601	0.1775472	371348.76	3772712.7	
371899.033772925.46	371899.03	3772925.5	0.137172705	0.06132137	0.1984941	371899.03	3772925.46	
371268.763773072.7	371268.76	3773072.7	0.143704221	0.01110766	0.1548119	371268.76	3773072.7	
371521.973773272.21	371521.97	3773272.2	0.130319336	0.01570014	0.1460195	371521.97	3773272.21	
371381.973773192.21	371381.97	3773192.2	0.137724358	0.012888325	0.1506127	371381.97	3773192.21	
371308.763772732.7	371308.76	3772732.7	0.164910176	0.009604451	0.1745146	371308.76	3772732.7	
371541.973773292.21	371541.97	3773292.2	0.127987975	0.015471073	0.143459	371541.97	3773292.21	
371799.033772865.46	371799.03	3772865.5	0.146823453	0.043075385	0.1898988	371799.03	3772865.46	
371648.763772732.7	371648.76	3772732.7	0.156285366	0.017973055	0.1742584	371648.76	3772732.7	
371608.763772712.7	371608.76	3772712.7	0.158098449	0.015690044	0.1737885	371608.76	3772712.7	
371839.033772885.46	371839.03	3772885.5	0.139316411	0.049126165	0.1884426	371839.03	3772885.46	
371328.763772712.7	371328.76	3772712.7	0.160846565	0.009488177	0.1703347	371328.76	3772712.7	
371421.973773212.21	371421.97	3773212.2	0.130700355	0.012905035	0.1436054	371421.97	3773212.21	
371301.973773132.21	371301.97	3773132.2	0.136138666	0.011823407	0.1479621	371301.97	3773132.21	
371939.033772945.46	371939.03	3772945.5	0.128751037	0.063232583	0.1919836	371939.03	3772945.46	
371321.973773152.21	371321.97	3773152.2	0.135132653	0.011964398	0.1470971	371321.97	3773152.21	
371717.183772777.5	371717.18	3772777.5	0.148416188	0.024052381	0.1724686	371717.18	3772777.5	
371341.973773172.21	371341.97	3773172.2	0.133746932	0.012176059	0.145923	371341.97	3773172.21	

371421.973773312.21	371421.97	3773312.2	0.0015003	0.0003169	0.0015003
371421.973773332.21	371421.97	3773332.2	0.0013332	0.000282	0.0013332
371421.973773352.21	371421.97	3773352.2	0.0011989	0.0002535	0.0011989
371421.973773372.21	371421.97	3773372.2	0.0010847	0.0002293	0.0010847
371441.973773112.21	371441.97	3773112.2	0.0081792	0.0017169	0.0081792
371441.973773132.21	371441.97	3773132.2	0.0066783	0.0014045	0.0066783
371441.973773152.21	371441.97	3773152.2	0.0054516	0.0011476	0.0054516
371441.973773172.21	371441.97	3773172.2	0.0041906	0.0008934	0.0041906
371441.973773192.21	371441.97	3773192.2	0.0032183	0.0006964	0.0032183
371441.973773212.21	371441.97	3773212.2	0.002673	0.0005809	0.002673
371441.973773232.21	371441.97	3773232.2	0.0023342	0.000507	0.0023342
371441.973773252.21	371441.97	3773252.2	0.0019856	0.0004324	0.0019856
371441.973773272.21	371441.97	3773272.2	0.0017565	0.000382	0.0017565
371441.973773292.21	371441.97	3773292.2	0.0015969	0.0003461	0.0015969
371441.973773312.21	371441.97	3773312.2	0.0014625	0.0003157	0.0014625
371441.973773332.21	371441.97	3773332.2	0.0013243	0.0002852	0.0013243
371441.973773352.21	371441.97	3773352.2	0.0011953	0.000257	0.0011953
371441.973773372.21	371441.97	3773372.2	0.0010569	0.0002275	0.0010569
371461.973773112.21	371461.97	3773112.2	0.0102197	0.002182	0.0102197
371461.973773132.21	371461.97	3773132.2	0.0083012	0.0017653	0.0083012
371461.973773152.21	371461.97	3773152.2	0.0065516	0.001396	0.0065516
371461.973773172.21	371461.97	3773172.2	0.0048761	0.0010534	0.0048761
371461.973773192.21	371461.97	3773192.2	0.003798	0.0008289	0.003798
371461.973773252.21	371461.97	3773252.2	0.0020761	0.000459	0.0020761
371461.973773272.21	371461.97	3773272.2	0.0018452	0.0004069	0.0018452
371461.973773292.21	371461.97	3773292.2	0.0016425	0.0003613	0.0016425
371461.973773312.21	371461.97	3773312.2	0.0014821	0.0003251	0.0014821
371461.973773332.21	371461.97	3773332.2	0.0013335	0.0002918	0.0013335
371461.973773352.21	371461.97	3773352.2	0.0012111	0.0002644	0.0012111
371461.973773372.21	371461.97	3773372.2	0.0010974	0.0002392	0.0010974
371481.973773172.21	371481.97	3773172.2	0.0060081	0.0013079	0.0060081
371481.973773192.21	371481.97	3773192.2	0.0050091	0.0010884	0.0050091
371481.973773252.21	371481.97	3773252.2	0.0022536	0.0005054	0.0022536
371481.973773272.21	371481.97	3773272.2	0.0019818	0.0004431	0.0019818
371481.973773292.21	371481.97	3773292.2	0.001778	0.0003962	0.001778
371481.973773312.21	371481.97	3773312.2	0.0016112	0.0003575	0.0016112
371481.973773332.21	371481.97	3773332.2	0.0014669	0.0003242	0.0014669
371481.973773352.21	371481.97	3773352.2	0.0013457	0.0002962	0.0013457
371481.973773372.21	371481.97	3773372.2	0.001228	0.0002695	0.001228
371501.973773172.21	371501.97	3773172.2	0.0066557	0.0014836	0.0066557
371501.973773192.21	371501.97	3773192.2	0.0051636	0.0011562	0.0051636
371501.973773232.21	371501.97	3773232.2	0.0029393	0.0006705	0.0029393
371501.973773252.21	371501.97	3773252.2	0.0025468	0.0005788	0.0025468
371501.973773272.21	371501.97	3773272.2	0.0023588	0.0005311	0.0023588
371501.973773292.21	371501.97	3773292.2	0.0022124	0.0004932	0.0022124
371501.973773312.21	371501.97	3773312.2	0.002039	0.0004515	0.002039
371501.973773332.21	371501.97	3773332.2	0.0018004	0.0003983	0.0018004
371501.973773352.21	371501.97	3773352.2	0.0015867	0.0003511	0.0015867
371501.973773372.21	371501.97	3773372.2	0.0014376	0.0003175	0.0014376
371521.973773172.21	371521.97	3773172.2	0.0061889	0.0014439	0.0061889
371521.973773192.21	371521.97	3773192.2	0.0049065	0.0011431	0.0049065
371521.973773212.21	371521.97	3773212.2	0.0039441	0.0009181	0.0039441
371521.973773232.21	371521.97	3773232.2	0.003373	0.0007815	0.003373
371521.973773252.21	371521.97	3773252.2	0.003158	0.0007229	0.003158
371521.973773272.21	371521.97	3773272.2	0.0028889	0.0006557	0.0028889
371521.973773292.21	371521.97	3773292.2	0.0025696	0.0005809	0.0025696
371521.973773312.21	371521.97	3773312.2	0.0022974	0.0005178	0.0022974
371521.973773332.21	371521.97	3773332.2	0.0019659	0.0004441	0.0019659
371521.973773352.21	371521.97	3773352.2	0.0017362	0.0003921	0.0017362
371521.973773372.21	371521.97	3773372.2	0.0015487	0.0003497	0.0015487
371541.973773172.21	371541.97	3773172.2	0.0072077	0.0017248	0.0072077
371541.973773192.21	371541.97	3773192.2	0.0056123	0.0013427	0.0056123
371541.973773212.21	371541.97	3773212.2	0.0049203	0.0011667	0.0049203
371541.973773232.21	371541.97	3773232.2	0.0043428	0.0010217	0.0043428
371541.973773252.21	371541.97	3773252.2	0.003863	0.0009027	0.003863
371541.973773272.21	371541.97	3773272.2	0.0033411	0.0007789	0.0033411
371541.973773292.21	371541.97	3773292.2	0.0028402	0.0006623	0.0028402
371541.973773312.21	371541.97	3773312.2	0.0025111	0.0005841	0.0025111
371541.973773332.21	371541.97	3773332.2	0.0021683	0.0005046	0.0021683
371541.973773352.21	371541.97	3773352.2	0.0018989	0.0004418	0.0018989
371541.973773372.21	371541.97	3773372.2	0.0017127	0.0003977	0.0017127
371561.973773172.21	371561.97	3773172.2	0.0086629	0.0021638	0.0086629
371561.973773192.21	371561.97	3773192.2	0.0070328	0.0017482	0.0070328
371561.973773212.21	371561.97	3773212.2	0.005924	0.0014636	0.005924
371561.973773232.21	371561.97	3773232.2	0.0051306	0.001259	0.0051306
371561.973773252.21	371561.97	3773252.2	0.0044844	0.0010936	0.0044844
371581.973773152.21	371581.97	3773152.2	0.0182797	0.0048718	0.0182797
371581.973773172.21	371581.97	3773172.2	0.0117447	0.0031245	0.0117447
371581.973773192.21	371581.97	3773192.2	0.0093495	0.0024638	0.0093495
371581.973773212.21	371581.97	3773212.2	0.0076888	0.0020071	0.0076888
371581.973773232.21	371581.97	3773232.2	0.0063626	0.0016475	0.0063626
371581.973773252.21	371581.97	3773252.2	0.0054492	0.0013989	0.0054492
371581.973773352.21	371581.97	3773352.2	0.0024546	0.0006151	0.0024546
371581.973773372.21	371581.97	3773372.2	0.0021711	0.0005417	0.0021711

371737.183772797.5	371737.18	3772797.5	0.146906509	0.027228336	0.1741348
371879.033772905.46	371879.03	3772905.5	0.133146973	0.05395537	0.1871023
371757.183772817.5	371757.18	3772817.5	0.14427255	0.030892711	0.1751653
371441.973773212.21	371441.97	3773212.2	0.126646149	0.012676664	0.1393228
371628.763772712.7	371628.76	3772712.7	0.150331465	0.016055228	0.1663867
371668.763772732.7	371668.76	3772732.7	0.146293569	0.018308997	0.1646026
371281.973773112.21	371281.97	3773112.2	0.131656743	0.010977809	0.1426346
371308.763772712.7	371308.76	3772712.7	0.154109875	0.009077737	0.1631876
371919.033772925.46	371919.03	3772925.5	0.125693588	0.056485551	0.1821791
371819.033772865.46	371819.03	3772865.5	0.135079238	0.04253753	0.1776168
371401.973773212.21	371401.97	3773212.2	0.124187966	0.012138461	0.1363264
371361.973773192.21	371361.97	3773192.2	0.125853551	0.01176527	0.1376188
371601.973773372.21	371601.97	3773372.2	0.113968742	0.012020098	0.1259888
371859.033772885.46	371859.03	3772885.5	0.12876004	0.047458989	0.176219
371581.973773352.21	371581.97	3773352.2	0.113065634	0.012602165	0.1256678
371501.973773252.21	371501.97	3773252.2	0.116566015	0.013327312	0.1298933
371648.763772712.7	371648.76	3772712.7	0.141364935	0.016306575	0.1576715
371799.033772845.46	371799.03	3772845.5	0.133064367	0.036953587	0.170018
371899.033772905.46	371899.03	3772905.5	0.123259699	0.051043295	0.174303
371521.973773292.21	371521.97	3773292.2	0.115193196	0.014187183	0.1293804
371321.973773172.21	371321.97	3773172.2	0.123002486	0.011298781	0.1343013
371717.183772757.5	371717.18	3772757.5	0.136096785	0.021531252	0.157628
371541.973773312.21	371541.97	3773312.2	0.112704286	0.013817125	0.1265214
371737.183772777.5	371737.18	3772777.5	0.134573838	0.024105993	0.1586798
371381.973773212.21	371381.97	3773212.2	0.119322145	0.011578326	0.1309005
371757.183772797.5	371757.18	3772797.5	0.132793114	0.027213366	0.1600065
371688.763772732.7	371688.76	3772732.7	0.135591488	0.01850534	0.1540968
371939.033772925.46	371939.03	3772925.5	0.11646647	0.052078274	0.1685447
371421.973773232.21	371421.97	3773232.2	0.115902542	0.01185439	0.1277569
371839.033772865.46	371839.03	3772865.5	0.124468614	0.041488974	0.1659576
371301.973773152.21	371301.97	3773152.2	0.11993123	0.010588256	0.1305195
371281.973773132.21	371281.97	3773132.2	0.120284706	0.010381469	0.1306662
371341.973773192.21	371341.97	3773192.2	0.117802409	0.011047782	0.1288502
371668.763772712.7	371668.76	3772712.7	0.133133699	0.01660666	0.1497404
371879.033772885.46	371879.03	3772885.5	0.119374024	0.045440902	0.1648149
371919.033772905.46	371919.03	3772905.5	0.113729237	0.047406073	0.1611353
371819.033772845.46	371819.03	3772845.5	0.122131422	0.036405985	0.1585374
371441.973773232.21	371441.97	3773232.2	0.109623952	0.011367362	0.1209913
371501.973773272.21	371501.97	3773272.2	0.106829608	0.012691634	0.1195212
371799.033772825.46	371799.03	3772825.5	0.12160603	0.032020988	0.153627
371737.183772757.5	371737.18	3772757.5	0.123843347	0.021512105	0.1453555
371361.973773212.21	371361.97	3773212.2	0.110516331	0.010687472	0.1212038
371859.033772865.46	371859.03	3772865.5	0.115309063	0.040170968	0.15548
371757.183772777.5	371757.18	3772777.5	0.122405703	0.024100423	0.1465061
371688.763772712.7	371688.76	3772712.7	0.12482817	0.016857311	0.1416855
371481.973773252.21	371481.97	3773252.2	0.104179207	0.01147737	0.1156566
371521.973773312.21	371521.97	3773312.2	0.10244968	0.012851772	0.1153015
371899.033772885.46	371899.03	3772885.5	0.11074242	0.043006108	0.1537485
371581.973773372.21	371581.97	3773372.2	0.099697333	0.011241688	0.110939
371401.973773232.21	371401.97	3773232.2	0.106620828	0.010804442	0.1174253
371301.973773172.21	371301.97	3773172.2	0.109816009	0.010047616	0.1198636
371321.973773192.21	371321.97	3773192.2	0.108679429	0.01022342	0.1189028
371281.973773152.21	371281.97	3773152.2	0.108846044	0.009654581	0.1185006
371939.033772905.46	371939.03	3772905.5	0.105902702	0.044003837	0.1499065
371839.033772845.46	371839.03	3772845.5	0.113434097	0.035841672	0.1492758
371381.973773232.21	371381.97	3773232.2	0.104723173	0.01050192	0.1152251
371501.973773292.21	371501.97	3773292.2	0.099405394	0.012149253	0.1115546
371541.973773332.21	371541.97	3773332.2	0.096991027	0.012032283	0.1090233
371341.973773212.21	371341.97	3773212.2	0.103724933	0.010018373	0.1137433
371879.033772865.46	371879.03	3772865.5	0.107277879	0.038601964	0.1458798
371819.033772825.46	371819.03	3772825.5	0.111556079	0.031525605	0.1430817
371708.763772712.7	371708.76	3772712.7	0.115543146	0.01692241	0.1324656
371799.033772805.46	371799.03	3772805.5	0.111938275	0.028015101	0.1399534
371919.033772885.46	371919.03	3772885.5	0.103095091	0.04039551	0.1434906
371737.183772737.5	371737.18	3772737.5	0.113828857	0.019243715	0.1330726
371757.183772757.5	371757.18	3772757.5	0.112934973	0.021445265	0.1343802
371461.973773252.21	371461.97	3773252.2	0.096645621	0.010369633	0.1070153
371859.033772845.46	371859.03	3772845.5	0.105334707	0.034839069	0.1401738
371421.973773252.21	371421.97	3773252.2	0.096480503	0.010217153	0.1066977
371361.973773232.21	371361.97	3773232.2	0.097137711	0.009692179	0.1068299
371401.973773252.21	371401.97	3773252.2	0.095587607	0.009980428	0.105568
371899.033772865.46	371899.03	3772865.5	0.100159186	0.036818514	0.1369777
371281.973773172.21	371281.97	3773172.2	0.098808601	0.009017859	0.1078265
371301.973773192.21	371301.97	3773192.2	0.098241139	0.009223601	0.1074647
371839.033772825.46	371839.03	3772825.5	0.103797669	0.031111683	0.1349094
371321.973773212.21	371321.97	3773212.2	0.097133912	0.009390006	0.1065239
371501.973773312.21	371501.97	3773312.2	0.091006574	0.011384768	0.1023913
371441.973773252.21	371441.97	3773252.2	0.092640521	0.009857191	0.1024977
371481.973773272.21	371481.97	3773272.2	0.090762966	0.010356056	0.101119
371939.033772885.46	371939.03	3772885.5	0.095769742	0.037400929	0.1331707
371819.033772805.46	371819.03	3772805.5	0.10286136	0.02761406	0.1304754
371799.033772785.46	371799.03	3772785.5	0.103817676	0.024761862	0.1285795
371757.183772737.5	371757.18	3772737.5	0.104771794	0.019248589	0.1240204
371521.973773332.21	371521.97	3773332.2	0.087288644	0.011112882	0.0984015

371601.973773132.21	371601.97	3773132.2	0.0471705	0.0139952	0.0471705
371601.973773152.21	371601.97	3773152.2	0.0301247	0.0087487	0.0301247
371601.973773172.21	371601.97	3773172.2	0.0203078	0.00579	0.0203078
371601.973773192.21	371601.97	3773192.2	0.014747	0.0041374	0.014747
371601.973773212.21	371601.97	3773212.2	0.0108848	0.0030138	0.0108848
371601.973773232.21	371601.97	3773232.2	0.0085821	0.0023466	0.0085821
371601.973773292.21	371601.97	3773292.2	0.0046136	0.0012259	0.0046136
371601.973773312.21	371601.97	3773312.2	0.00389	0.0010257	0.00389
371601.973773332.21	371601.97	3773332.2	0.0032822	0.00086	0.0032822
371601.973773352.21	371601.97	3773352.2	0.0028271	0.0007361	0.0028271
371601.973773372.21	371601.97	3773372.2	0.0024392	0.000632	0.0024392
371621.973773132.21	371621.97	3773132.2	0.0814938	0.0257806	0.0814938
371621.973773152.21	371621.97	3773152.2	0.0474062	0.0147271	0.0474062
371621.973773172.21	371621.97	3773172.2	0.0297105	0.0090332	0.0297105
371621.973773192.21	371621.97	3773192.2	0.0205388	0.0061176	0.0205388
371621.973773212.21	371621.97	3773212.2	0.0151756	0.0044364	0.0151756
371621.973773232.21	371621.97	3773232.2	0.0110723	0.0031868	0.0110723
371621.973773272.21	371621.97	3773272.2	0.00688	0.0019269	0.00688
371621.973773292.21	371621.97	3773292.2	0.0057547	0.0015918	0.0057547
371621.973773312.21	371621.97	3773312.2	0.0046472	0.0012738	0.0046472
371621.973773332.21	371621.97	3773332.2	0.0039282	0.0010666	0.0039282
371621.973773352.21	371621.97	3773352.2	0.003235	0.0008729	0.003235
371621.973773372.21	371621.97	3773372.2	0.0027211	0.0007303	0.0027211
371641.973773132.21	371641.97	3773132.2	0.1246596	0.0404246	0.1246596
371641.973773152.21	371641.97	3773152.2	0.0702234	0.0226139	0.0702234
371641.973773172.21	371641.97	3773172.2	0.0429979	0.0136344	0.0429979
371641.973773192.21	371641.97	3773192.2	0.0285465	0.0088837	0.0285465
371641.973773212.21	371641.97	3773212.2	0.0198821	0.0060716	0.0198821
371641.973773232.21	371641.97	3773232.2	0.014857	0.0044553	0.014857
371641.973773252.21	371641.97	3773252.2	0.0111072	0.0032775	0.0111072
371641.973773272.21	371641.97	3773272.2	0.0087734	0.0025497	0.0087734
371641.973773292.21	371641.97	3773292.2	0.0069608	0.0019962	0.0069608
371641.973773312.21	371641.97	3773312.2	0.005151	0.0014652	0.005151
371641.973773332.21	371641.97	3773332.2	0.004018	0.0011343	0.004018
371641.973773352.21	371641.97	3773352.2	0.0034579	0.0009662	0.0034579
371641.973773372.21	371641.97	3773372.2	0.0029683	0.0008222	0.0029683
371661.973773132.21	371661.97	3773132.2	0.1549816	0.0506866	0.1549816
371661.973773152.21	371661.97	3773152.2	0.0949474	0.031005	0.0949474
371661.973773172.21	371661.97	3773172.2	0.0588043	0.0190509	0.0588043
371661.973773192.21	371661.97	3773192.2	0.0380752	0.0121751	0.0380752
371661.973773212.21	371661.97	3773212.2	0.025721	0.0080972	0.025721
371661.973773252.21	371661.97	3773252.2	0.0142246	0.0043306	0.0142246
371661.973773272.21	371661.97	3773272.2	0.010788	0.0032345	0.010788
371661.973773292.21	371661.97	3773292.2	0.0080962	0.002396	0.0080962
371661.973773312.21	371661.97	3773312.2	0.0058535	0.0017159	0.0058535
371661.973773332.21	371661.97	3773332.2	0.0046411	0.0013459	0.0046411
371661.973773352.21	371661.97	3773352.2	0.0038899	0.0011156	0.0038899
371661.973773372.21	371661.97	3773372.2	0.0032297	0.0009166	0.0032297
371681.973773132.21	371681.97	3773132.2	0.1651494	0.0535749	0.1651494
371681.973773152.21	371681.97	3773152.2	0.1133262	0.0369624	0.1133262
371681.973773172.21	371681.97	3773172.2	0.0731735	0.0238553	0.0731735
371681.973773192.21	371681.97	3773192.2	0.048905	0.0158358	0.048905
371681.973773212.21	371681.97	3773212.2	0.0333774	0.0106924	0.0333774
371681.973773232.21	371681.97	3773232.2	0.0237818	0.007518	0.0237818
371681.973773252.21	371681.97	3773252.2	0.0173632	0.0054114	0.0173632
371681.973773272.21	371681.97	3773272.2	0.0131456	0.0040379	0.0131456
371681.973773292.21	371681.97	3773292.2	0.0088142	0.00268	0.0088142
371681.973773312.21	371681.97	3773312.2	0.0071447	0.0021429	0.0071447
371681.973773332.21	371681.97	3773332.2	0.0053712	0.0015935	0.0053712
371681.973773352.21	371681.97	3773352.2	0.0045629	0.0013376	0.0045629
371681.973773372.21	371681.97	3773372.2	0.0037828	0.0010966	0.0037828
371701.973773132.21	371701.97	3773132.2	0.1510187	0.0472356	0.1510187
371701.973773152.21	371701.97	3773152.2	0.1149879	0.0369831	0.1149879
371701.973773172.21	371701.97	3773172.2	0.0816485	0.026457	0.0816485
371701.973773192.21	371701.97	3773192.2	0.0568356	0.0184256	0.0568356
371701.973773232.21	371701.97	3773232.2	0.0280233	0.0089647	0.0280233
371701.973773252.21	371701.97	3773252.2	0.0202381	0.006406	0.0202381
371701.973773272.21	371701.97	3773272.2	0.0154343	0.004825	0.0154343
371701.973773292.21	371701.97	3773292.2	0.0109373	0.0033831	0.0109373
371701.973773312.21	371701.97	3773312.2	0.0086203	0.0026335	0.0086203
371701.973773332.21	371701.97	3773332.2	0.0066673	0.002014	0.0066673
371701.973773352.21	371701.97	3773352.2	0.0053617	0.0016015	0.0053617
371701.973773372.21	371701.97	3773372.2	0.0044253	0.0013072	0.0044253
371721.973773132.21	371721.97	3773132.2	0.1305551	0.0384372	0.1305551
371721.973773152.21	371721.97	3773152.2	0.1066753	0.0331908	0.1066753
371721.973773172.21	371721.97	3773172.2	0.0842313	0.0267973	0.0842313
371721.973773192.21	371721.97	3773192.2	0.0615968	0.0197946	0.0615968
371721.973773232.21	371721.97	3773232.2	0.0317843	0.0102024	0.0317843
371721.973773252.21	371721.97	3773252.2	0.0232826	0.0074249	0.0232826
371721.973773272.21	371721.97	3773272.2	0.0176936	0.0055911	0.0176936
371721.973773292.21	371721.97	3773292.2	0.0134485	0.004207	0.0134485
371721.973773312.21	371721.97	3773312.2	0.0100063	0.0031	0.0100063
371721.973773332.21	371721.97	3773332.2	0.007483	0.0022952	0.007483
371721.973773352.21	371721.97	3773352.2	0.0061767	0.0018734	0.0061767

371879.033772845.46	371879.03	3772845.5	0.097361628	0.033275983	0.1306376
371919.033772865.46	371919.03	3772865.5	0.093558833	0.034752037	0.1283109
371381.973773252.21	371381.97	3773252.2	0.089885684	0.009300537	0.0991862
371541.973773352.21	371541.97	3773352.2	0.084679756	0.010616802	0.0952966
371341.973773232.21	371341.97	3773232.2	0.090913973	0.009037354	0.0999513
371859.033772825.46	371859.03	3772825.5	0.096243105	0.030233709	0.1264768
371461.973773272.21	371461.97	3773272.2	0.085115115	0.00945789	0.094573
371899.033772845.46	371899.03	3772845.5	0.091710267	0.032116026	0.1238263
371421.973773272.21	371421.97	3773272.2	0.085033331	0.009272339	0.0943057
371839.033772805.46	371839.03	3772805.5	0.094935252	0.027035126	0.1219704
371819.033772785.46	371819.03	3772785.5	0.095632519	0.024444023	0.1200765
371281.973773192.21	371281.97	3773192.2	0.08751627	0.008172957	0.0956892
371301.973773212.21	371301.97	3773212.2	0.086643019	0.008340754	0.0949838
371939.033772865.46	371939.03	3772865.5	0.087434791	0.032482603	0.1199174
371401.973773272.21	371401.97	3773272.2	0.083349216	0.008958329	0.0923075
371321.973773232.21	371321.97	3773232.2	0.085466765	0.008476175	0.0939429
371481.973773292.21	371481.97	3773292.2	0.080633878	0.009535174	0.0901691
371501.973773332.21	371501.97	3773332.2	0.079890545	0.010194525	0.0900851
371441.973773272.21	371441.97	3773272.2	0.081344731	0.00890611	0.0902508
371879.033772825.46	371879.03	3772825.5	0.088775343	0.028878105	0.1176534
371919.033772845.46	371919.03	3772845.5	0.085835419	0.030444325	0.1162797
371521.973773352.21	371521.97	3773352.2	0.07678856	0.009905929	0.0866945
371541.973773372.21	371541.97	3773372.2	0.076176786	0.009637523	0.0858143
371839.033772785.46	371839.03	3772785.5	0.088518887	0.024006429	0.1125253
371859.033772805.46	371859.03	3772805.5	0.087398064	0.026111199	0.1135093
371899.033772825.46	371899.03	3772825.5	0.084024405	0.02806906	0.1120935
371381.973773272.21	371381.97	3773272.2	0.078056496	0.008307682	0.0863642
371301.973773232.21	371301.97	3773232.2	0.079626639	0.007884012	0.0875107
371461.973773292.21	371461.97	3773292.2	0.075118986	0.008616469	0.0837355
371421.973773292.21	371421.97	3773292.2	0.075903116	0.008506113	0.0844092
371939.033772845.46	371939.03	3772845.5	0.080485128	0.028640335	0.1091255
371281.973773212.21	371281.97	3773212.2	0.077769634	0.007463128	0.0852328
371341.973773252.21	371341.97	3773252.2	0.076364321	0.007826571	0.0841909
371481.973773312.21	371481.97	3773312.2	0.072401424	0.00884484	0.0812463
371401.973773292.21	371401.97	3773292.2	0.074445426	0.008209858	0.0826553
371441.973773292.21	371441.97	3773292.2	0.07329508	0.008299327	0.0815944
371879.033772805.46	371879.03	3772805.5	0.081567379	0.025303547	0.1068709
371919.033772825.46	371919.03	3772825.5	0.078949208	0.026799096	0.1057483
371859.033772785.46	371859.03	3772785.5	0.081660905	0.023264224	0.1049251
371321.973773252.21	371321.97	3773252.2	0.075278182	0.007661908	0.0829401
371501.973773352.21	371501.97	3773352.2	0.070050064	0.009095143	0.0791452
371521.973773372.21	371521.97	3773372.2	0.068263443	0.008907155	0.0771706
371899.033772805.46	371899.03	3772805.5	0.077657689	0.024797371	0.1024551
371381.973773292.21	371381.97	3773292.2	0.070111236	0.007643109	0.0777543
371281.973773232.21	371281.97	3773232.2	0.071673042	0.007073923	0.078747
371421.973773312.21	371421.97	3773312.2	0.068576229	0.007887493	0.0764637
371939.033772825.46	371939.03	3772825.5	0.073916275	0.025246106	0.0991624
371461.973773312.21	371461.97	3773312.2	0.067182038	0.007960252	0.0751423
371879.033772785.46	371879.03	3772785.5	0.075815229	0.022468059	0.0982833
371441.973773312.21	371441.97	3773312.2	0.066543046	0.007779226	0.0743223
371481.973773332.21	371481.97	3773332.2	0.065395049	0.008213688	0.0736087
371919.033772805.46	371919.03	3772805.5	0.072641148	0.023626623	0.0962678
371301.973773252.21	371301.97	3773252.2	0.068294164	0.006936761	0.0752309
371501.973773372.21	371501.97	3773372.2	0.063191441	0.008326132	0.0715176
371341.973773272.21	371341.97	3773272.2	0.066411975	0.006996639	0.0734086
371401.973773312.21	371401.97	3773312.2	0.065046004	0.00735486	0.0724009
371899.033772785.46	371899.03	3772785.5	0.071584239	0.021868238	0.0934525
371321.973773272.21	371321.97	3773272.2	0.066186924	0.006909259	0.0730962
371939.033772805.46	371939.03	3772805.5	0.068360912	0.022462489	0.0908234
371361.973773292.21	371361.97	3773292.2	0.06305456	0.006833367	0.0698879
371481.973773352.21	371481.97	3773352.2	0.059577942	0.007662256	0.0672402
371461.973773332.21	371461.97	3773332.2	0.059979819	0.007305078	0.0672849
371919.033772785.46	371919.03	3772785.5	0.067236767	0.020989916	0.0882267
371421.973773332.21	371421.97	3773332.2	0.06051805	0.007136933	0.067655
371441.973773332.21	371441.97	3773332.2	0.059798776	0.007184279	0.0669831
371281.973773252.21	371281.97	3773252.2	0.062743639	0.006358523	0.0691022
371401.973773332.21	371401.97	3773332.2	0.057915258	0.00670282	0.0646181
371939.033772785.46	371939.03	3772785.5	0.063353871	0.02004719	0.0834011
371341.973773292.21	371341.97	3773292.2	0.058291388	0.006287854	0.0645792
371361.973773312.21	371361.97	3773312.2	0.056406683	0.006239812	0.0626465
371481.973773372.21	371481.97	3773372.2	0.054053874	0.00708924	0.0611431
371301.973773272.21	371301.97	3773272.2	0.056893712	0.005959919	0.0628536
371461.973773352.21	371461.97	3773352.2	0.054062836	0.006760261	0.0608231
371421.973773352.21	371421.97	3773352.2	0.054059914	0.006529802	0.0605897
371441.973773352.21	371441.97	3773352.2	0.053599474	0.006600123	0.0601996
371321.973773292.21	371321.97	3773292.2	0.054691108	0.005876369	0.0605675
371401.973773352.21	371401.97	3773352.2	0.052029522	0.006158699	0.0581882
371341.973773312.21	371341.97	3773312.2	0.052112203	0.005730504	0.0578427
371461.973773372.21	371461.97	3773372.2	0.048678346	0.006221362	0.0548997
371381.973773352.21	371381.97	3773352.2	0.049565833	0.005767753	0.0553336
371361.973773332.21	371361.97	3773332.2	0.049481093	0.005570366	0.0550515
371421.973773372.21	371421.97	3773372.2	0.048593217	0.006005524	0.0545987
371281.973773272.21	371281.97	3773272.2	0.050292332	0.005277244	0.0555696
371441.973773372.21	371441.97	3773372.2	0.047146259	0.005910833	0.0530571

371721.973773372.21	371721.97	3773372.2	0.0050802	0.0015243	0.0050802
371741.973773132.21	371741.97	3773132.2	0.1121597	0.0300482	0.1121597
371741.973773152.21	371741.97	3773152.2	0.0950813	0.0281644	0.0950813
371741.973773172.21	371741.97	3773172.2	0.0802658	0.0247948	0.0802658
371741.973773192.21	371741.97	3773192.2	0.0633151	0.019975	0.0633151
371741.973773212.21	371741.97	3773212.2	0.048663	0.0154954	0.048663
371741.973773232.21	371741.97	3773232.2	0.0334465	0.0107051	0.0334465
371741.973773252.21	371741.97	3773252.2	0.0255019	0.0081406	0.0255019
371741.973773272.21	371741.97	3773272.2	0.0186248	0.0059184	0.0186248
371741.973773292.21	371741.97	3773292.2	0.0141976	0.0044791	0.0141976
371741.973773312.21	371741.97	3773312.2	0.0108219	0.0033856	0.0108219
371741.973773332.21	371741.97	3773332.2	0.0084609	0.0026222	0.0084609
371741.973773352.21	371741.97	3773352.2	0.0069147	0.0021218	0.0069147
371741.973773372.21	371741.97	3773372.2	0.0057983	0.0017613	0.0057983
371761.973773132.21	371761.97	3773132.2	0.0937745	0.0229568	0.0937745
371761.973773152.21	371761.97	3773152.2	0.0833101	0.0231204	0.0833101
371761.973773172.21	371761.97	3773172.2	0.0738564	0.0218922	0.0738564
371761.973773212.21	371761.97	3773212.2	0.0482285	0.0151075	0.0482285
371761.973773232.21	371761.97	3773232.2	0.0350402	0.0111038	0.0350402
371761.973773252.21	371761.97	3773252.2	0.0276386	0.0087745	0.0276386
371761.973773272.21	371761.97	3773272.2	0.0209332	0.0066392	0.0209332
371761.973773292.21	371761.97	3773292.2	0.0145965	0.0046153	0.0145965
371761.973773312.21	371761.97	3773312.2	0.0114209	0.0035877	0.0114209
371761.973773332.21	371761.97	3773332.2	0.0091082	0.0028391	0.0091082
371761.973773352.21	371761.97	3773352.2	0.0074908	0.0023154	0.0074908
371761.973773372.21	371761.97	3773372.2	0.0061956	0.0018979	0.0061956
371781.973773132.21	371781.97	3773132.2	0.0807722	0.0176024	0.0807722
371781.973773152.21	371781.97	3773152.2	0.0727725	0.0186393	0.0727725
371781.973773212.21	371781.97	3773212.2	0.0470752	0.0143989	0.0470752
371781.973773232.21	371781.97	3773232.2	0.0380611	0.0118355	0.0380611
371781.973773252.21	371781.97	3773252.2	0.0291691	0.0091594	0.0291691
371781.973773272.21	371781.97	3773272.2	0.0217999	0.006873	0.0217999
371781.973773292.21	371781.97	3773292.2	0.0155913	0.004913	0.0155913
371781.973773312.21	371781.97	3773312.2	0.0120773	0.0037899	0.0120773
371781.973773332.21	371781.97	3773332.2	0.0096568	0.0030124	0.0096568
371781.973773352.21	371781.97	3773352.2	0.007782	0.0024092	0.007782
371781.973773372.21	371781.97	3773372.2	0.0064124	0.0019693	0.0064124
371801.973773132.21	371801.97	3773132.2	0.0711051	0.0136217	0.0711051
371801.973773152.21	371801.97	3773152.2	0.0637757	0.0149217	0.0637757
371801.973773192.21	371801.97	3773192.2	0.0527676	0.0149687	0.0527676
371801.973773212.21	371801.97	3773212.2	0.0449771	0.013337	0.0449771
371801.973773232.21	371801.97	3773232.2	0.0363562	0.0110805	0.0363562
371801.973773252.21	371801.97	3773252.2	0.029146	0.0090156	0.029146
371801.973773272.21	371801.97	3773272.2	0.0212627	0.0066349	0.0212627
371801.973773292.21	371801.97	3773292.2	0.016351	0.0051128	0.016351
371801.973773312.21	371801.97	3773312.2	0.0127273	0.0039731	0.0127273
371801.973773332.21	371801.97	3773332.2	0.0102511	0.0031879	0.0102511
371801.973773352.21	371801.97	3773352.2	0.0082333	0.0025452	0.0082333
371801.973773372.21	371801.97	3773372.2	0.0069068	0.002123	0.0069068
371821.973773132.21	371821.97	3773132.2	0.063497	0.0106587	0.063497
371821.973773152.21	371821.97	3773152.2	0.0561837	0.0119269	0.0561837
371821.973773192.21	371821.97	3773192.2	0.0476325	0.012849	0.0476325
371821.973773212.21	371821.97	3773212.2	0.0425993	0.0121431	0.0425993
371821.973773232.21	371821.97	3773232.2	0.0342042	0.0101612	0.0342042
371821.973773252.21	371821.97	3773252.2	0.0265489	0.0080648	0.0265489
371821.973773272.21	371821.97	3773272.2	0.0206282	0.0063384	0.0206282
371821.973773292.21	371821.97	3773292.2	0.0165238	0.0051058	0.0165238
371821.973773312.21	371821.97	3773312.2	0.0133826	0.0041424	0.0133826
371821.973773332.21	371821.97	3773332.2	0.0109777	0.0033949	0.0109777
371821.973773352.21	371821.97	3773352.2	0.0088952	0.0027408	0.0088952
371821.973773372.21	371821.97	3773372.2	0.0075056	0.0023039	0.0075056
371841.973773132.21	371841.97	3773132.2	0.058144	0.0084422	0.058144
371841.973773152.21	371841.97	3773152.2	0.0504736	0.0096058	0.0504736
371841.973773192.21	371841.97	3773192.2	0.0430717	0.0109489	0.0430717
371841.973773212.21	371841.97	3773212.2	0.0387221	0.0105898	0.0387221
371841.973773232.21	371841.97	3773232.2	0.0316912	0.0091268	0.0316912
371841.973773252.21	371841.97	3773252.2	0.0247677	0.0073412	0.0247677
371841.973773272.21	371841.97	3773272.2	0.0201176	0.0060616	0.0201176
371841.973773292.21	371841.97	3773292.2	0.0170037	0.0051762	0.0170037
371841.973773312.21	371841.97	3773312.2	0.0140412	0.0042974	0.0140412
371841.973773332.21	371841.97	3773332.2	0.0118029	0.0036212	0.0118029
371841.973773352.21	371841.97	3773352.2	0.0103112	0.0031674	0.0103112
371841.973773372.21	371841.97	3773372.2	0.0087999	0.0026992	0.0087999
371861.973773132.21	371861.97	3773132.2	0.0533262	0.0067894	0.0533262
371861.973773152.21	371861.97	3773152.2	0.0455755	0.0077859	0.0455755
371861.973773192.21	371861.97	3773192.2	0.0391113	0.0092898	0.0391113
371861.973773212.21	371861.97	3773212.2	0.0354604	0.0092258	0.0354604
371861.973773232.21	371861.97	3773232.2	0.0288252	0.0080037	0.0288252
371861.973773252.21	371861.97	3773252.2	0.0237168	0.0068234	0.0237168
371861.973773272.21	371861.97	3773272.2	0.0201864	0.0059422	0.0201864
371861.973773292.21	371861.97	3773292.2	0.0176065	0.005263	0.0176065
371861.973773312.21	371861.97	3773312.2	0.0154399	0.0046627	0.0154399
371861.973773332.21	371861.97	3773332.2	0.0137242	0.0041716	0.0137242
371861.973773352.21	371861.97	3773352.2	0.0122315	0.0037304	0.0122315

371401.973773372.21	371401.97	3773372.2	0.046970053	0.005683159	0.0526532	371401.97	3773372.21	
371301.973773292.21	371301.97	3773292.2	0.048127194	0.005171762	0.053299	371301.97	3773292.21	
371321.973773312.21	371321.97	3773312.2	0.047320464	0.005182553	0.052503	371321.97	3773312.21	
371341.973773332.21	371341.97	3773332.2	0.045442748	0.005063146	0.0505059	371341.97	3773332.21	
371381.973773372.21	371381.97	3773372.2	0.044298176	0.005257052	0.0495552	371381.97	3773372.21	
371361.973773352.21	371361.97	3773352.2	0.044198887	0.005045044	0.0492439	371361.97	3773352.21	
371281.973773292.21	371281.97	3773292.2	0.044821951	0.004806229	0.0496282	371281.97	3773292.21	
371301.973773312.21	371301.97	3773312.2	0.04304234	0.004694481	0.0477368	371301.97	3773312.21	
371321.973773332.21	371321.97	3773332.2	0.041430946	0.004562889	0.0459938	371321.97	3773332.21	
371281.973773312.21	371281.97	3773312.2	0.041429851	0.004517633	0.0459475	371281.97	3773312.21	
371341.973773352.21	371341.97	3773352.2	0.040323193	0.004498834	0.044822	371341.97	3773352.21	
371361.973773372.21	371361.97	3773372.2	0.039271524	0.004499182	0.0437707	371361.97	3773372.21	
371301.973773332.21	371301.97	3773332.2	0.03841097	0.004201882	0.0426129	371301.97	3773332.21	
371321.973773352.21	371321.97	3773352.2	0.037482319	0.004123902	0.0416062	371321.97	3773352.21	
371341.973773372.21	371341.97	3773372.2	0.0367171	0.004111369	0.0408285	371341.97	3773372.21	
371281.973773332.21	371281.97	3773332.2	0.036506521	0.004005887	0.0405124	371281.97	3773332.21	
371301.973773352.21	371301.97	3773352.2	0.035386974	0.00388648	0.0392735	371301.97	3773352.21	
371321.973773372.21	371321.97	3773372.2	0.034609963	0.00383078	0.0384407	371321.97	3773372.21	
371281.973773352.21	371281.97	3773352.2	0.034068247	0.00377508	0.0378433	371281.97	3773352.21	
371301.973773372.21	371301.97	3773372.2	0.033166407	0.00368213	0.0368485	371301.97	3773372.21	
371281.973773372.21	371281.97	3773372.2	0.032827799	0.003703714	0.0365315	371281.97	3773372.21	

371861.973773372.21	371861.97	3773372.2	0.0102694	0.0031339	0.0102694
371881.973773132.21	371881.97	3773132.2	0.0496728	0.0055278	0.0496728
371881.973773152.21	371881.97	3773152.2	0.042091	0.0063947	0.042091
371881.973773192.21	371881.97	3773192.2	0.0353747	0.0078238	0.0353747
371881.973773212.21	371881.97	3773212.2	0.032543	0.0079987	0.032543
371881.973773232.21	371881.97	3773232.2	0.0274397	0.0072877	0.0274397
371881.973773252.21	371881.97	3773252.2	0.0247256	0.0068657	0.0247256
371881.973773272.21	371881.97	3773272.2	0.0230513	0.0065944	0.0230513
371881.973773292.21	371881.97	3773292.2	0.0202655	0.0059253	0.0202655
371881.973773312.21	371881.97	3773312.2	0.0179822	0.0053354	0.0179822
371881.973773332.21	371881.97	3773332.2	0.0156184	0.0046805	0.0156184
371881.973773352.21	371881.97	3773352.2	0.0134492	0.0040556	0.0134492
371881.973773372.21	371881.97	3773372.2	0.011084	0.0033535	0.011084
371901.973773132.21	371901.97	3773132.2	0.0472927	0.0045517	0.0472927
371901.973773152.21	371901.97	3773152.2	0.0392176	0.0052959	0.0392176
371901.973773212.21	371901.97	3773212.2	0.0300759	0.0069325	0.0300759
371901.973773232.21	371901.97	3773232.2	0.0279102	0.0069921	0.0279102
371901.973773252.21	371901.97	3773252.2	0.0256781	0.0068162	0.0256781
371901.973773272.21	371901.97	3773272.2	0.0240237	0.0066257	0.0240237
371901.973773292.21	371901.97	3773292.2	0.0214238	0.0060878	0.0214238
371901.973773312.21	371901.97	3773312.2	0.0191297	0.0055478	0.0191297

9160-9176 Sunset EIR Project

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL[1]	CONC	WFrac	$CONC_{WF}$	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	1.65E-01	1.00E+00	1.65E-01	0.033		-	-	-	-	-	-	-	-	-	-	-	3.30E-02	-
School	DPM	5.00E+00	7.31E-03	1.00E+00	7.31E-03	0.001		-	-	-	-	-	-	-	-	-	-	-	1.46E-03	-
							Total Risk				-			-				-	0.033	
							Threshold				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," http://www.arb.ca.gov/toxics/healthval/healthval.htm. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

$CONC_{WF}$	Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

XY	X	Y	Construction Area	Haul Route	Nighttime Construction Area
371629.723772904.7	371629.7	3772905	1.28723	1.59528	12.0585
371639.723772904.7	371639.7	3772905	1.22106	1.63156	11.02572
371649.723772904.7	371649.7	3772905	1.15378	1.66802	10.05919
371659.723772904.7	371659.7	3772905	1.07566	1.69041	9.07769
371599.723772914.7	371599.7	3772915	1.6528	1.60663	17.05868
371609.723772914.7	371609.7	3772915	1.60037	1.65725	15.9347
371619.723772914.7	371619.7	3772915	1.53682	1.70627	14.72412
371629.723772914.7	371629.7	3772915	1.46723	1.7563	13.51465
371639.723772914.7	371639.7	3772915	1.38318	1.79738	12.26305
371649.723772914.7	371649.7	3772915	1.29241	1.83183	11.0505
371659.723772914.7	371659.7	3772915	1.20026	1.85996	9.91563
371569.723772924.7	371569.7	3772925	1.99616	1.56204	21.82352
371579.723772924.7	371579.7	3772925	1.99201	1.63238	21.40222
371589.723772924.7	371589.7	3772925	1.968	1.7009	20.63188
371599.723772924.7	371599.7	3772925	1.92839	1.7697	19.5965
371609.723772924.7	371609.7	3772925	1.85274	1.82384	18.16349
371619.723772924.7	371619.7	3772925	1.76679	1.87809	16.65265
371629.723772924.7	371629.7	3772925	1.68517	1.94246	15.24194
371639.723772924.7	371639.7	3772925	1.5745	1.98644	13.68559
371649.723772924.7	371649.7	3772925	1.46029	2.02478	12.21813
371659.723772924.7	371659.7	3772925	1.34795	2.05682	10.87191
371569.723772934.7	371569.7	3772935	2.35248	1.70864	25.12604
371579.723772934.7	371579.7	3772935	2.35619	1.79531	24.80499
371589.723772934.7	371589.7	3772935	2.33602	1.88233	24.04479
371599.723772934.7	371599.7	3772935	2.27121	1.95657	22.69068
371609.723772934.7	371609.7	3772935	2.16567	2.01622	20.87777
371619.723772934.7	371619.7	3772935	2.05262	2.07939	19.00642
371629.723772934.7	371629.7	3772935	1.94716	2.15577	17.26984
371639.723772934.7	371639.7	3772935	1.81363	2.21335	15.41929
371649.723772934.7	371649.7	3772935	1.6727	2.26023	13.65177
371659.723772934.7	371659.7	3772935	1.52659	2.28884	11.97798
371569.723772944.7	371569.7	3772945	2.81482	1.88087	29.25586
371579.723772944.7	371579.7	3772945	2.8271	1.98592	29.06861
371589.723772944.7	371589.7	3772945	2.79046	2.08408	28.13679
371599.723772944.7	371599.7	3772945	2.70122	2.17061	26.4839
371609.723772944.7	371609.7	3772945	2.57809	2.25203	24.39141
371619.723772944.7	371619.7	3772945	2.44081	2.33667	22.14977
371629.723772944.7	371629.7	3772945	2.27581	2.40975	19.75298
371639.723772944.7	371639.7	3772945	2.09622	2.47158	17.39436
371649.723772944.7	371649.7	3772945	1.91523	2.52247	15.20433
371659.723772944.7	371659.7	3772945	1.74199	2.56028	13.23298
371569.723772954.7	371569.7	3772955	3.42756	2.08598	34.50023
371579.723772954.7	371579.7	3772955	3.45192	2.21297	34.52422
371589.723772954.7	371589.7	3772955	3.40573	2.33179	33.52472
371599.723772954.7	371599.7	3772955	3.28896	2.43858	31.55394
371609.723772954.7	371609.7	3772955	3.11993	2.5369	28.9085
371619.723772954.7	371619.7	3772955	2.92888	2.63694	26.0058
371629.723772954.7	371629.7	3772955	2.6982	2.71791	22.8572
371639.723772954.7	371639.7	3772955	2.46312	2.79073	19.86892
371649.723772954.7	371649.7	3772955	2.23117	2.8486	17.1325
371659.723772954.7	371659.7	3772955	2.00911	2.88314	14.673
371569.723772964.7	371569.7	3772965	4.25226	2.33129	41.20515
371579.723772964.7	371579.7	3772965	4.30722	2.48991	41.68549
371589.723772964.7	371589.7	3772965	4.26833	2.644	40.83251
371599.723772964.7	371599.7	3772965	4.10426	2.77469	38.39396
371609.723772964.7	371609.7	3772965	3.86553	2.89532	34.97822
371619.723772964.7	371619.7	3772965	3.58801	3.01209	31.08531
371629.723772964.7	371629.7	3772965	3.25707	3.10015	26.83124

371639.723772964.7	371639.7	3772965	2.92985	3.1758	22.85981
371649.723772964.7	371649.7	3772965	2.6302	3.24029	19.39181
371659.723772964.7	371659.7	3772965	2.35357	3.27495	16.34822
371569.723772970.3	371569.7	3772970	4.83774	2.48953	45.75635
371579.723772970.3	371579.7	3772970	4.91411	2.66769	46.57152
371589.723772970.3	371589.7	3772970	4.866	2.83879	45.71895
371599.723772970.3	371599.7	3772970	4.67956	2.99115	43.09051
371609.723772970.3	371609.7	3772970	4.40589	3.13623	39.28722
371619.723772974.7	371619.7	3772975	4.47309	3.47378	37.69879
371629.723772974.7	371629.7	3772975	3.98875	3.56603	31.80587
371639.723772974.7	371639.7	3772975	3.52695	3.63903	26.41947
371649.723772974.7	371649.7	3772975	3.13004	3.70061	21.90931
371659.723772974.7	371659.7	3772975	2.81381	3.75353	18.27362
371619.723772984.7	371619.7	3772985	5.67491	4.04161	46.32539
371629.723772984.7	371629.7	3772985	4.96533	4.13734	38.03913
371639.723772984.7	371639.7	3772985	4.32962	4.21158	30.73316
371649.723772984.7	371649.7	3772985	3.82075	4.27279	24.87432
371659.723772984.7	371659.7	3772985	3.46386	4.34341	20.44452
371569.873772991.4	371569.9	3772991	8.44141	3.2953	70.97605
371579.873772991.4	371579.9	3772991	8.81613	3.61661	75.36129
371589.873772991.4	371589.9	3772991	8.809	3.91599	75.64744
371599.873772991.4	371599.9	3772991	8.42815	4.18211	71.80873
371609.873772991.4	371609.9	3772991	7.71778	4.39481	64.26896
371619.723772994.7	371619.7	3772995	7.49452	4.81856	58.82963
371629.723772994.7	371629.7	3772995	6.41893	4.90688	46.59592
371639.723772994.7	371639.7	3772995	5.53153	4.97048	36.29665
371649.723772994.7	371649.7	3772995	4.89543	5.0286	28.55317
371659.723772994.7	371659.7	3772995	4.4768	5.0938	22.89724
371570.043773001.5	371570	3773002	11.51324	3.85498	89.7685
371580.043773001.5	371580	3773002	12.24378	4.29696	97.97907
371590.043773001.5	371590	3773002	12.36928	4.72663	100.1945
371600.043773001.5	371600	3773002	11.83747	5.09792	95.8776
371610.043773001.5	371610	3773002	10.70039	5.3637	85.30173
371619.723773004.7	371619.7	3773005	10.29462	5.89429	76.89073
371629.723773004.7	371629.7	3773005	8.67975	5.95989	58.14674
371639.723773004.7	371639.7	3773005	7.48896	5.99627	43.30462
371649.723773004.7	371649.7	3773005	6.8084	6.07614	33.23019
371659.723773004.7	371659.7	3773005	6.21295	6.06655	25.52238
371619.723773014.7	371619.7	3773015	14.46849	7.38516	100.7252
371629.723773014.7	371629.7	3773015	12.36895	7.41138	72.20678
371639.723773014.7	371639.7	3773015	11.19538	7.42293	51.6883
371649.723773014.7	371649.7	3773015	10.57928	7.4851	38.36019
371659.723773014.7	371659.7	3773015	9.38958	7.35049	27.99704
371619.723773020.2	371619.7	3773020	17.53138	8.52356	114.15938
371629.723773020.2	371629.7	3773020	15.43838	8.40512	79.02934
371639.723773020.2	371639.7	3773020	14.5894	8.31477	55.14801
371649.723773020.2	371649.7	3773020	13.7281	8.30391	39.75842
371659.723773020.2	371659.7	3773020	12.09407	8.21783	29.06227
371678.383772888.9	371678.4	3772889	0.81783	1.50614	6.73963
371688.383772888.9	371688.4	3772889	0.77101	1.5263	6.18053
371698.383772888.9	371698.4	3772889	0.72565	1.54054	5.65894
371708.383772888.9	371708.4	3772889	0.68251	1.54844	5.17567
371718.383772888.9	371718.4	3772889	0.64199	1.54952	4.72994
371678.383772898.9	371678.4	3772899	0.89534	1.64374	7.2257
371688.383772898.9	371688.4	3772899	0.83767	1.66017	6.56445
371698.383772898.9	371698.4	3772899	0.78852	1.67907	5.99533
371708.383772898.9	371708.4	3772899	0.74364	1.69331	5.47989
371718.383772898.9	371718.4	3772899	0.70198	1.70047	5.00743
371678.383772918.9	371678.4	3772919	1.09369	1.98819	8.38783

371688.383772918.9	371688.4	3772919	1.01263	2.00064	7.49553
371698.383772918.9	371698.4	3772919	0.95161	2.02567	6.78106
371708.383772918.9	371708.4	3772919	0.89767	2.04472	6.14572
371718.383772918.9	371718.4	3772919	0.84771	2.05248	5.56608
371678.383772928.9	371678.4	3772929	1.2242	2.20692	9.09039
371688.383772928.9	371688.4	3772929	1.14004	2.23432	8.12568
371698.383772928.9	371698.4	3772929	1.07008	2.26094	7.30146
371708.383772928.9	371708.4	3772929	1.01066	2.28326	6.58471
371718.383772928.9	371718.4	3772929	0.95391	2.28859	5.92472
371678.383772938.9	371678.4	3772939	1.38207	2.46246	9.8703
371688.383772938.9	371688.4	3772939	1.29071	2.49975	8.78693
371698.383772938.9	371698.4	3772939	1.20933	2.52442	7.82598
371708.383772938.9	371708.4	3772939	1.13702	2.53634	6.97728
371718.383772938.9	371718.4	3772939	1.07862	2.54781	6.26207
371678.383772948.9	371678.4	3772949	1.57599	2.76121	10.72375
371688.383772948.9	371688.4	3772949	1.47446	2.8046	9.47874
371698.383772948.9	371698.4	3772949	1.38498	2.83261	8.3852
371708.383772948.9	371708.4	3772949	1.30777	2.84924	7.4396
371718.383772948.9	371718.4	3772949	1.24397	2.86236	6.64036
371678.383772958.9	371678.4	3772959	1.82554	3.11773	11.67128
371688.383772958.9	371688.4	3772959	1.71162	3.16439	10.21986
371698.383772958.9	371698.4	3772959	1.60962	3.18936	8.95193
371708.383772958.9	371708.4	3772959	1.5242	3.20629	7.88564
371718.383772958.9	371718.4	3772959	1.45105	3.21761	6.9889
371678.383772968.9	371678.4	3772969	2.16118	3.54815	12.71638
371688.383772968.9	371688.4	3772969	2.03499	3.59851	11.02118
371698.383772968.9	371698.4	3772969	1.92111	3.62523	9.56908
371708.383772968.9	371708.4	3772969	1.82201	3.64272	8.36218
371718.383772968.9	371718.4	3772969	1.73536	3.65917	7.36856
371678.383772978.9	371678.4	3772979	2.63782	4.07488	13.85259
371688.383772978.9	371688.4	3772979	2.49954	4.13376	11.88345
371698.383772978.9	371698.4	3772979	2.36616	4.16645	10.22559
371708.383772978.9	371708.4	3772979	2.23721	4.18379	8.85342
371718.383772978.9	371718.4	3772979	2.11919	4.20382	7.74405
371678.383772988.9	371678.4	3772989	3.35551	4.7314	15.05645
371688.383772988.9	371688.4	3772989	3.19532	4.81	12.79143
371698.383772988.9	371698.4	3772989	2.99275	4.82754	10.83616
371708.383772988.9	371708.4	3772989	2.78937	4.82804	9.25881
371718.383772988.9	371718.4	3772989	2.61237	4.85207	8.03876
371678.383772998.9	371678.4	3772999	4.47438	5.56016	16.23616
371688.383772998.9	371688.4	3772999	4.21705	5.64958	13.59712
371698.383772998.9	371698.4	3772999	3.88711	5.66806	11.38617
371708.383772998.9	371708.4	3772999	3.57937	5.69372	9.68243
371718.383772998.9	371718.4	3772999	3.30292	5.73753	8.36009
371678.383773008.9	371678.4	3773009	6.24289	6.63896	17.29628
371688.383773008.9	371688.4	3773009	5.73721	6.7464	14.28608
371698.383773008.9	371698.4	3773009	5.17665	6.79183	11.87908
371708.383773008.9	371708.4	3773009	4.65441	6.82419	10.01791
371718.383773008.9	371718.4	3773009	4.19605	6.86599	8.57899
371678.383773018.9	371678.4	3773019	8.98203	8.06994	18.10081
371688.383773018.9	371688.4	3773019	7.9446	8.19534	14.76317
371698.383773018.9	371698.4	3773019	6.9531	8.25925	12.18599
371708.383773018.9	371708.4	3773019	6.08909	8.30165	10.21681
371718.383773018.9	371718.4	3773019	5.35959	8.34115	8.69854
371734.813772871.3	371734.8	3772871	0.51158	1.33388	3.78384
371754.813772871.3	371754.8	3772871	0.46823	1.3358	3.27602
371774.813772871.3	371774.8	3772871	0.43056	1.31947	2.83903
371734.813772911.3	371734.8	3772911	0.72265	1.91198	4.60045
371754.813772911.3	371754.8	3772911	0.66757	1.91807	3.90155

371774.813772911.3	371774.8	3772911	0.61978	1.89656	3.32265
371734.813772931.3	371734.8	3772931	0.90677	2.35243	5.09703
371754.813772931.3	371754.8	3772931	0.83805	2.34963	4.24488
371774.813772931.3	371774.8	3772931	0.77686	2.31907	3.56765
371734.813772951.3	371734.8	3772951	1.20699	2.97164	5.66131
371754.813772951.3	371754.8	3772951	1.10899	2.96321	4.62656
371774.813772951.3	371774.8	3772951	1.01081	2.91123	3.81884
371734.813772971.3	371734.8	3772971	1.65594	3.75853	6.07342
371754.813772971.3	371754.8	3772971	1.49292	3.75953	4.88966
371774.813772971.3	371774.8	3772971	1.33901	3.73416	4.01403
371734.813772991.3	371734.8	3772991	2.45328	5.07624	6.54555
371754.813772991.3	371754.8	3772991	2.11347	5.07825	5.16622
371774.813772991.3	371774.8	3772991	1.81962	5.03222	4.17384
371734.813773011.3	371734.8	3773011	3.72403	7.20997	6.81274
371754.813773011.3	371754.8	3773011	3.03357	7.19251	5.29436
371774.813773011.3	371774.8	3773011	2.51259	7.15717	4.24808
371799.033772785.4	371799	3772785	0.23744	0.71129	1.8451
371819.033772785.4	371819	3772785	0.22323	0.70216	1.67637
371839.033772785.4	371839	3772785	0.21107	0.68959	1.52875
371859.033772785.4	371859	3772785	0.19903	0.66827	1.38807
371879.033772785.4	371879	3772785	0.18897	0.6454	1.26711
371899.033772785.4	371899	3772785	0.18255	0.62817	1.17512
371919.033772785.4	371919	3772785	0.17534	0.60294	1.08376
371939.033772785.4	371939	3772785	0.16887	0.57586	1.00232
371799.033772805.4	371799	3772805	0.26178	0.80474	1.95968
371819.033772805.4	371819	3772805	0.24619	0.79322	1.7717
371839.033772805.4	371839	3772805	0.23274	0.77659	1.60671
371859.033772805.4	371859	3772805	0.21954	0.75005	1.45193
371879.033772805.4	371879	3772805	0.21001	0.72685	1.32868
371899.033772805.4	371899	3772805	0.20499	0.71231	1.23897
371919.033772805.4	371919	3772805	0.1963	0.67868	1.13546
371939.033772805.4	371939	3772805	0.18895	0.64524	1.04681
371799.033772825.4	371799	3772825	0.2922	0.91981	2.08865
371819.033772825.4	371819	3772825	0.27521	0.90558	1.87912
371839.033772825.4	371839	3772825	0.26315	0.89369	1.71192
371859.033772825.4	371859	3772825	0.25069	0.86847	1.55281
371879.033772825.4	371879	3772825	0.23738	0.82953	1.40065
371899.033772825.4	371899	3772825	0.23062	0.80629	1.29504
371919.033772825.4	371919	3772825	0.22203	0.76981	1.18928
371939.033772825.4	371939	3772825	0.21261	0.7252	1.08905
371799.033772845.4	371799	3772845	0.33053	1.0615	2.22977
371819.033772845.4	371819	3772845	0.3126	1.04577	1.99898
371839.033772845.4	371839	3772845	0.29926	1.02956	1.81062
371859.033772845.4	371859	3772845	0.28617	1.00076	1.63865
371879.033772845.4	371879	3772845	0.2719	0.95586	1.4765
371899.033772845.4	371899	3772845	0.26302	0.92254	1.3552
371919.033772845.4	371919	3772845	0.25218	0.87452	1.2374
371939.033772845.4	371939	3772845	0.24172	0.8227	1.13315
371799.033772865.4	371799	3772865	0.37998	1.23735	2.38157
371819.033772865.4	371819	3772865	0.36156	1.2219	2.12932
371839.033772865.4	371839	3772865	0.34414	1.19178	1.90543
371859.033772865.4	371859	3772865	0.32872	1.15392	1.71413
371879.033772865.4	371879	3772865	0.31459	1.10885	1.54954
371899.033772865.4	371899	3772865	0.30135	1.05762	1.40734
371919.033772865.4	371919	3772865	0.28802	0.99826	1.28093
371939.033772865.4	371939	3772865	0.27471	0.93307	1.1685
371799.033772885.4	371799	3772885	0.44763	1.46479	2.55211
371819.033772885.4	371819	3772885	0.42823	1.45087	2.27402
371839.033772885.4	371839	3772885	0.40696	1.41116	2.02047

371859.033772885.4	371859	3772885	0.38772	1.36327	1.80757
371879.033772885.4	371879	3772885	0.36927	1.3053	1.6252
371899.033772885.4	371899	3772885	0.35073	1.23536	1.4656
371919.033772885.4	371919	3772885	0.33335	1.16037	1.32912
371939.033772885.4	371939	3772885	0.31527	1.07435	1.20577
371799.033772905.4	371799	3772905	0.54095	1.75919	2.73205
371819.033772905.4	371819	3772905	0.51789	1.74625	2.42055
371839.033772905.4	371839	3772905	0.48729	1.68573	2.12634
371859.033772905.4	371859	3772905	0.46235	1.63029	1.89524
371879.033772905.4	371879	3772905	0.43559	1.54988	1.69041
371899.033772905.4	371899	3772905	0.41166	1.46623	1.52148
371919.033772905.4	371919	3772905	0.38652	1.36175	1.36934
371939.033772905.4	371939	3772905	0.36552	1.26402	1.24623
371799.033772925.4	371799	3772925	0.67185	2.15111	2.91654
371819.033772925.4	371819	3772925	0.63302	2.11608	2.54405
371839.033772925.4	371839	3772925	0.59235	2.05146	2.22777
371859.033772925.4	371859	3772925	0.55205	1.96271	1.96139
371879.033772925.4	371879	3772925	0.51715	1.8732	1.74806
371899.033772925.4	371899	3772925	0.48308	1.76147	1.56453
371919.033772925.4	371919	3772925	0.44886	1.62256	1.4016
371939.033772925.4	371939	3772925	0.42104	1.49596	1.27225
371799.033772945.4	371799	3772945	0.85133	2.67963	3.08499
371819.033772945.4	371819	3772945	0.78732	2.62741	2.65971
371839.033772945.4	371839	3772945	0.72625	2.54982	2.31404
371859.033772945.4	371859	3772945	0.66715	2.4356	2.02494
371879.033772945.4	371879	3772945	0.61598	2.31405	1.79325
371899.033772945.4	371899	3772945	0.56879	2.16693	1.59849
371919.033772945.4	371919	3772945	0.52535	1.99574	1.43262
371939.033772945.4	371939	3772945	0.48725	1.81637	1.29402
371799.033772965.4	371799	3772965	1.09604	3.43355	3.22795
371819.033772965.4	371819	3772965	0.99003	3.36058	2.75359
371839.033772965.4	371839	3772965	0.89518	3.2568	2.37671
371859.033772965.4	371859	3772965	0.81047	3.11596	2.07146
371879.033772965.4	371879	3772965	0.73687	2.94934	1.82451
371899.033772965.4	371899	3772965	0.67358	2.76167	1.62355
371919.033772965.4	371919	3772965	0.61684	2.53448	1.45352
371939.033772965.4	371939	3772965	0.56687	2.28328	1.31035
371799.033772985.4	371799	3772985	1.42075	4.53831	3.31548
371819.033772985.4	371819	3772985	1.25236	4.44471	2.80694
371839.033772985.4	371839	3772985	1.10753	4.29496	2.40533
371859.033772985.4	371859	3772985	0.99218	4.1606	2.09919
371879.033772985.4	371879	3772985	0.8886	3.93157	1.84199
371899.033772985.4	371899	3772985	0.80015	3.65384	1.63139
371919.033772985.4	371919	3772985	0.72622	3.34768	1.46034
371939.033772985.4	371939	3772985	0.66276	2.99691	1.31746
371799.033773005.4	371799	3773005	1.86869	6.31065	3.35305
371819.033773005.4	371819	3773005	1.60443	6.1793	2.82234
371839.033773005.4	371839	3773005	1.39263	6.00772	2.4145
371859.033773005.4	371859	3773005	1.23078	5.90851	2.10936
371879.033773005.4	371879	3773005	1.08966	5.65292	1.8536
371899.033773005.4	371899	3773005	0.97274	5.32898	1.64612
371919.033773005.4	371919	3773005	0.86953	4.81774	1.46735
371939.033773005.4	371939	3773005	0.78256	4.21536	1.31851
371437.183772897.5	371437.2	3772898	0.93471	0.71909	10.55433
371437.183772917.5	371437.2	3772918	1.10116	0.78233	11.41538
371437.183772937.5	371437.2	3772938	1.28734	0.84742	12.09516
371437.183772957.5	371437.2	3772958	1.51701	0.92909	12.92424
371457.183772897.5	371457.2	3772898	1.02513	0.78616	11.831
371457.183772917.5	371457.2	3772918	1.23627	0.86569	13.14892

371457.183772937.5	371457.2	3772938	1.47656	0.94596	14.22328
371477.183772897.5	371477.2	3772898	1.10083	0.85065	12.89618
371477.183772917.5	371477.2	3772918	1.35716	0.94725	14.71277
371477.183772937.5	371477.2	3772938	1.69085	1.06025	16.73311
371497.183772877.5	371497.2	3772878	0.94902	0.82433	11.93474
371497.183772897.5	371497.2	3772898	1.18005	0.92605	14.02101
371497.183772917.5	371497.2	3772918	1.48534	1.0426	16.43468
371497.183772937.5	371497.2	3772938	1.87866	1.17161	19.00633
371517.183772877.5	371517.2	3772878	0.99254	0.88908	12.47641
371517.183772897.5	371517.2	3772898	1.23427	0.99835	14.75839
371517.183772917.5	371517.2	3772918	1.57205	1.1308	17.64629
371537.183772857.5	371537.2	3772858	0.82104	0.83988	10.50905
371537.183772877.5	371537.2	3772878	1.013	0.94847	12.57527
371537.183772897.5	371537.2	3772898	1.28167	1.08095	15.29279
371537.183772917.5	371537.2	3772918	1.6851	1.2535	19.09925
371557.183772857.5	371557.2	3772858	0.8326	0.89431	10.31025
371557.183772877.5	371557.2	3772878	1.03198	1.01843	12.47853
371557.183772897.5	371557.2	3772898	1.31063	1.16931	15.37029
371557.183772917.5	371557.2	3772918	1.76221	1.38404	19.85146
371577.183772837.5	371577.2	3772838	0.67998	0.8282	8.16551
371577.183772857.5	371577.2	3772858	0.83483	0.95001	9.85851
371577.183772877.5	371577.2	3772878	1.02831	1.08394	11.90534
371577.183772897.5	371577.2	3772898	1.31648	1.26204	14.87279
371597.183772837.5	371597.2	3772838	0.67567	0.8739	7.65028
371597.183772857.5	371597.2	3772858	0.81863	0.99934	9.11015
371597.183772877.5	371597.2	3772878	1.00621	1.14835	10.98219
371597.183772897.5	371597.2	3772898	1.29597	1.3578	13.81684
371617.183772817.5	371617.2	3772818	0.54831	0.79569	5.93572
371617.183772837.5	371617.2	3772838	0.6517	0.90761	6.92907
371617.183772857.5	371617.2	3772858	0.78811	1.04585	8.21279
371617.183772877.5	371617.2	3772878	0.96172	1.20815	9.8034
371617.183772897.5	371617.2	3772898	1.23669	1.44615	12.27476
371637.183772817.5	371637.2	3772818	0.52721	0.82432	5.37949
371637.183772837.5	371637.2	3772838	0.62168	0.94275	6.2123
371637.183772857.5	371637.2	3772858	0.72993	1.07199	7.13349
371637.183772877.5	371637.2	3772878	0.89911	1.26515	8.55419
371657.183772797.5	371657.2	3772798	0.43063	0.74556	4.24998
371657.183772817.5	371657.2	3772818	0.49788	0.84777	4.81154
371657.183772837.5	371657.2	3772838	0.57768	0.96671	5.45621
371657.183772857.5	371657.2	3772858	0.68632	1.12399	6.31416
371657.183772877.5	371657.2	3772878	0.82427	1.31843	7.36225
371677.183772777.5	371677.2	3772778	0.35547	0.67248	3.41835
371677.183772797.5	371677.2	3772798	0.40502	0.76157	3.81538
371677.183772817.5	371677.2	3772818	0.46526	0.86933	4.28433
371677.183772837.5	371677.2	3772838	0.537	0.99767	4.82291
371677.183772857.5	371677.2	3772858	0.62354	1.15248	5.44539
371697.183772777.5	371697.2	3772778	0.33483	0.68461	3.09366
371697.183772797.5	371697.2	3772798	0.37631	0.77246	3.40298
371697.183772817.5	371697.2	3772818	0.42442	0.87602	3.74844
371697.183772837.5	371697.2	3772838	0.48422	1.00558	4.16375
371697.183772857.5	371697.2	3772858	0.56285	1.17555	4.69052
371717.183772757.5	371717.2	3772758	0.28221	0.61849	2.56862
371717.183772777.5	371717.2	3772778	0.31175	0.69091	2.78053
371717.183772797.5	371717.2	3772798	0.34556	0.77591	3.01399
371717.183772817.5	371717.2	3772818	0.38884	0.88514	3.30618
371717.183772837.5	371717.2	3772838	0.44298	1.02318	3.65653
371717.183772857.5	371717.2	3772858	0.50715	1.18996	4.04147
371737.183772737.5	371737.2	3772738	0.23771	0.55278	2.13971
371737.183772757.5	371737.2	3772758	0.26184	0.61794	2.31137

371737.183772777.5	371737.2	3772778	0.28839	0.69245	2.49172
371737.183772797.5	371737.2	3772798	0.3196	0.78214	2.69541
371737.183772817.5	371737.2	3772818	0.35617	0.88984	2.92116
371737.183772837.5	371737.2	3772838	0.40104	1.02351	3.18153
371757.183772737.5	371757.2	3772738	0.22261	0.55292	1.94979
371757.183772757.5	371757.2	3772758	0.24306	0.61602	2.08569
371757.183772777.5	371757.2	3772778	0.26727	0.69229	2.24086
371757.183772797.5	371757.2	3772798	0.29475	0.78171	2.40627
371757.183772817.5	371757.2	3772818	0.32642	0.8874	2.58236
371757.183772837.5	371757.2	3772838	0.3668	1.02139	2.79187
371268.763772892.7	371268.8	3772893	0.40897	0.36632	4.02913
371268.763772912.7	371268.8	3772913	0.43385	0.37989	3.98455
371268.763772932.7	371268.8	3772933	0.45666	0.38887	3.91584
371268.763772952.7	371268.8	3772953	0.47442	0.39131	3.78553
371268.763772972.7	371268.8	3772973	0.48508	0.39079	3.60651
371268.763772992.7	371268.8	3772993	0.48751	0.38627	3.3907
371268.763773012.7	371268.8	3773013	0.48487	0.3784	3.15695
371268.763773032.7	371268.8	3773033	0.47204	0.35343	2.62149
371268.763773052.7	371268.8	3773053	0.44974	0.33547	2.31881
371268.763773072.7	371268.8	3773073	0.4238	0.31907	2.06336
371288.763772772.7	371288.8	3772773	0.26782	0.29321	3.84431
371288.763772792.7	371288.8	3772793	0.29408	0.30952	4.01967
371288.763772812.7	371288.8	3772813	0.32232	0.32611	4.17478
371288.763772832.7	371288.8	3772833	0.35295	0.34355	4.31781
371288.763772852.7	371288.8	3772853	0.3848	0.36087	4.42518
371288.763772912.7	371288.8	3772913	0.48081	0.41057	4.49393
371288.763772932.7	371288.8	3772933	0.50868	0.41821	4.41341
371288.763772952.7	371288.8	3772953	0.53147	0.43003	4.2655
371288.763772972.7	371288.8	3772973	0.54749	0.42873	4.08089
371288.763772992.7	371288.8	3772993	0.55185	0.42288	3.83496
371288.763773012.7	371288.8	3773013	0.55261	0.42814	3.56932
371288.763773032.7	371288.8	3773033	0.53849	0.40932	2.97567
371288.763773052.7	371288.8	3773053	0.51079	0.37049	2.59786
371288.763773072.7	371288.8	3773073	0.48391	0.3587	2.32581
371308.763772712.7	371308.8	3772713	0.21082	0.26076	3.46938
371308.763772732.7	371308.8	3772733	0.23173	0.27589	3.68088
371308.763772752.7	371308.8	3772753	0.25515	0.29193	3.89568
371308.763772772.7	371308.8	3772773	0.28078	0.30827	4.09773
371308.763772792.7	371308.8	3772793	0.30919	0.32542	4.29259
371308.763772812.7	371308.8	3772813	0.33765	0.34045	4.41417
371308.763772832.7	371308.8	3772833	0.37928	0.36668	4.74379
371308.763772852.7	371308.8	3772853	0.41554	0.38545	4.872
371308.763772912.7	371308.8	3772913	0.53106	0.44279	5.01324
371308.763772932.7	371308.8	3772933	0.56859	0.45844	4.98874
371308.763772952.7	371308.8	3772953	0.59897	0.46913	4.84921
371308.763772972.7	371308.8	3772973	0.62245	0.47586	4.65323
371308.763772992.7	371308.8	3772993	0.63535	0.48096	4.38463
371308.763773012.7	371308.8	3773013	0.63732	0.485	4.07286
371308.763773032.7	371308.8	3773033	0.62503	0.47574	3.73009
371308.763773052.7	371308.8	3773053	0.59103	0.42233	2.98941
371308.763773072.7	371308.8	3773073	0.55477	0.40201	2.62373
371328.763772712.7	371328.8	3772713	0.2183	0.27255	3.62999
371328.763772732.7	371328.8	3772733	0.24102	0.28934	3.87915
371328.763772752.7	371328.8	3772753	0.26608	0.30649	4.12147
371328.763772772.7	371328.8	3772773	0.29481	0.32519	4.37749
371328.763772792.7	371328.8	3772793	0.32677	0.34463	4.62505
371328.763772812.7	371328.8	3772813	0.36233	0.365	4.86242
371328.763772832.7	371328.8	3772833	0.40264	0.38725	5.10455
371328.763772852.7	371328.8	3772853	0.44698	0.41067	5.32943

371328.763772872.7	371328.8	3772873	0.49351	0.43386	5.49845
371328.763772932.7	371328.8	3772933	0.63823	0.50295	5.66992
371328.763772952.7	371328.8	3772953	0.67875	0.51726	5.54648
371328.763772972.7	371328.8	3772973	0.71055	0.5323	5.32618
371328.763772992.7	371328.8	3772993	0.73205	0.53751	5.04792
371328.763773012.7	371328.8	3773013	0.74004	0.54774	4.68683
371328.763773032.7	371328.8	3773033	0.72332	0.53112	4.27136
371328.763773052.7	371328.8	3773053	0.68883	0.50153	3.45531
371328.763773072.7	371328.8	3773073	0.64771	0.46303	3.02855
371348.763772712.7	371348.8	3772713	0.22607	0.28523	3.79012
371348.763772732.7	371348.8	3772733	0.24961	0.30258	4.05469
371348.763772752.7	371348.8	3772753	0.27615	0.32078	4.32345
371348.763772772.7	371348.8	3772773	0.30818	0.34217	4.6412
371348.763772792.7	371348.8	3772793	0.34276	0.363	4.92362
371348.763772812.7	371348.8	3772813	0.38538	0.38853	5.27886
371348.763772832.7	371348.8	3772833	0.42957	0.41194	5.54786
371348.763772852.7	371348.8	3772853	0.48143	0.43897	5.85144
371348.763772872.7	371348.8	3772873	0.5349	0.46427	6.05506
371348.763772892.7	371348.8	3772893	0.59519	0.49286	6.26897
371348.763772952.7	371348.8	3772953	0.77231	0.57393	6.3606
371348.763772972.7	371348.8	3772973	0.81573	0.59575	6.12595
371348.763772992.7	371348.8	3772993	0.84813	0.61041	5.82969
371348.763773012.7	371348.8	3773013	0.86331	0.60794	5.44507
371348.763773032.7	371348.8	3773033	0.84981	0.60049	4.95021
371348.763773052.7	371348.8	3773053	0.82092	0.59184	4.43598
371348.763773072.7	371348.8	3773073	0.76317	0.55783	3.51707
371368.763772712.7	371368.8	3772713	0.23294	0.29736	3.91737
371368.763772732.7	371368.8	3772733	0.25795	0.3162	4.21507
371368.763772752.7	371368.8	3772753	0.28677	0.33653	4.53183
371368.763772772.7	371368.8	3772773	0.31972	0.35814	4.85936
371368.763772792.7	371368.8	3772793	0.35947	0.38317	5.2382
371368.763772812.7	371368.8	3772813	0.40529	0.41006	5.62935
371368.763772832.7	371368.8	3772833	0.45803	0.439	6.0282
371368.763772852.7	371368.8	3772853	0.51683	0.46881	6.39595
371368.763772872.7	371368.8	3772873	0.58511	0.5022	6.78478
371368.763772892.7	371368.8	3772893	0.65385	0.53222	7.00946
371368.763772972.7	371368.8	3772973	0.94817	0.66197	7.1886
371368.763772992.7	371368.8	3772993	0.99479	0.68169	6.8571
371368.763773012.7	371368.8	3773013	1.01985	0.68603	6.40678
371368.763773032.7	371368.8	3773033	1.01785	0.69451	5.81778
371388.763772712.7	371388.8	3772713	0.23877	0.30879	4.00601
371388.763772732.7	371388.8	3772733	0.26504	0.32911	4.33342
371388.763772752.7	371388.8	3772753	0.29625	0.35193	4.70329
371388.763772772.7	371388.8	3772773	0.33294	0.37702	5.10841
371388.763772792.7	371388.8	3772793	0.37396	0.4024	5.50107
371388.763772812.7	371388.8	3772813	0.42609	0.43386	6.00004
371388.763772832.7	371388.8	3772833	0.4866	0.46753	6.51473
371388.763772852.7	371388.8	3772853	0.55362	0.50111	6.97542
371388.763772872.7	371388.8	3772873	0.63718	0.5422	7.55078
371388.763772892.7	371388.8	3772893	0.72151	0.57832	7.90869
371388.763772972.7	371388.8	3772973	1.11029	0.73902	8.49127
371388.763772992.7	371388.8	3772993	1.18023	0.76809	8.16141
371388.763773012.7	371388.8	3773013	1.22059	0.78308	7.62434
371408.763772712.7	371408.8	3772713	0.24514	0.32146	4.08956
371408.763772732.7	371408.8	3772733	0.27232	0.34301	4.43971
371408.763772752.7	371408.8	3772753	0.30671	0.36936	4.87984
371408.763772772.7	371408.8	3772773	0.34449	0.39533	5.3062
371408.763772792.7	371408.8	3772793	0.39048	0.42509	5.79769
371408.763772812.7	371408.8	3772813	0.44785	0.46023	6.38608

371408.763772832.7	371408.8	3772833	0.51271	0.49579	6.95328
371408.763772852.7	371408.8	3772853	0.59464	0.53866	7.64419
371408.763772872.7	371408.8	3772873	0.68591	0.58121	8.25844
371408.763772892.7	371408.8	3772893	0.79137	0.62671	8.8464
371428.763772712.7	371428.8	3772713	0.2522	0.33554	4.16638
371428.763772732.7	371428.8	3772733	0.28106	0.35935	4.55515
371428.763772752.7	371428.8	3772753	0.31702	0.38763	5.02966
371428.763772772.7	371428.8	3772773	0.35791	0.41689	5.52302
371428.763772792.7	371428.8	3772793	0.40714	0.44954	6.07875
371428.763772812.7	371428.8	3772813	0.46881	0.48785	6.74283
371428.763772832.7	371428.8	3772833	0.54048	0.52781	7.42051
371428.763772852.7	371428.8	3772853	0.62945	0.57381	8.19665
371428.763772872.7	371428.8	3772873	0.7375	0.62494	9.03329
371448.763772712.7	371448.8	3772713	0.25704	0.34758	4.17201
371448.763772732.7	371448.8	3772733	0.28752	0.37394	4.59624
371448.763772752.7	371448.8	3772753	0.32324	0.4026	5.06815
371448.763772772.7	371448.8	3772773	0.36716	0.43561	5.62648
371448.763772792.7	371448.8	3772793	0.42088	0.473	6.27419
371448.763772812.7	371448.8	3772813	0.48742	0.51567	7.03061
371448.763772832.7	371448.8	3772833	0.57023	0.56426	7.90845
371448.763772852.7	371448.8	3772853	0.66918	0.61606	8.83658
371468.763772712.7	371468.8	3772713	0.26178	0.36016	4.15272
371468.763772732.7	371468.8	3772733	0.29357	0.38888	4.60116
371468.763772752.7	371468.8	3772753	0.33217	0.42159	5.1296
371468.763772772.7	371468.8	3772773	0.379	0.45846	5.74574
371468.763772792.7	371468.8	3772793	0.43602	0.49978	6.45915
371468.763772812.7	371468.8	3772813	0.51198	0.55131	7.39139
371468.763772832.7	371468.8	3772833	0.59828	0.60255	8.32984
371468.763772852.7	371468.8	3772853	0.70421	0.65884	9.37147
371488.763772712.7	371488.8	3772713	0.26856	0.37588	4.14694
371488.763772732.7	371488.8	3772733	0.30108	0.4064	4.60321
371488.763772752.7	371488.8	3772753	0.34087	0.44157	5.14966
371488.763772772.7	371488.8	3772773	0.38849	0.48055	5.77898
371488.763772792.7	371488.8	3772793	0.4474	0.52514	6.52873
371488.763772812.7	371488.8	3772813	0.53006	0.58415	7.57818
371488.763772832.7	371488.8	3772833	0.62146	0.64072	8.61361
371488.763772852.7	371488.8	3772853	0.73232	0.7014	9.75152
371508.763772712.7	371508.8	3772713	0.27334	0.39007	4.0802
371508.763772732.7	371508.8	3772733	0.30605	0.4221	4.53039
371508.763772752.7	371508.8	3772753	0.34783	0.46101	5.10106
371508.763772772.7	371508.8	3772773	0.39631	0.50268	5.73925
371508.763772792.7	371508.8	3772793	0.45822	0.55232	6.53649
371508.763772812.7	371508.8	3772813	0.5436	0.61625	7.62423
371508.763772832.7	371508.8	3772833	0.6367	0.67678	8.70072
371528.763772712.7	371528.8	3772713	0.2769	0.40374	3.97359
371528.763772732.7	371528.8	3772733	0.31128	0.43925	4.43582
371528.763772752.7	371528.8	3772753	0.35394	0.48102	5.00399
371528.763772772.7	371528.8	3772773	0.40331	0.52587	5.6426
371528.763772792.7	371528.8	3772793	0.46747	0.58052	6.46163
371528.763772812.7	371528.8	3772813	0.55002	0.64537	7.49061
371528.763772832.7	371528.8	3772833	0.649	0.71501	8.6638
371548.763772712.7	371548.8	3772713	0.27853	0.41617	3.82438
371548.763772732.7	371548.8	3772733	0.31416	0.45507	4.28518
371548.763772752.7	371548.8	3772753	0.35528	0.4974	4.80767
371548.763772772.7	371548.8	3772773	0.40649	0.54717	5.45127
371548.763772792.7	371548.8	3772793	0.46956	0.60433	6.22996
371548.763772812.7	371548.8	3772813	0.54786	0.66981	7.17542
371548.763772832.7	371548.8	3772833	0.65112	0.74927	8.39622
371568.763772712.7	371568.8	3772713	0.27824	0.42746	3.64323

371568.763772732.7	371568.8	3772733	0.3137	0.46846	4.07751
371568.763772752.7	371568.8	3772753	0.3574	0.51661	4.60822
371568.763772772.7	371568.8	3772773	0.41144	0.57291	5.25748
371568.763772792.7	371568.8	3772793	0.47186	0.63141	5.96575
371568.763772812.7	371568.8	3772813	0.54969	0.70189	6.86786
371588.763772712.7	371588.8	3772713	0.27786	0.4401	3.46387
371588.763772732.7	371588.8	3772733	0.31219	0.48228	3.85758
371588.763772752.7	371588.8	3772753	0.35558	0.53343	4.35227
371588.763772772.7	371588.8	3772773	0.40547	0.58923	4.9114
371588.763772792.7	371588.8	3772793	0.46946	0.65715	5.62214
371608.763772712.7	371608.8	3772713	0.27468	0.4507	3.25798
371608.763772732.7	371608.8	3772733	0.30848	0.49534	3.62068
371608.763772752.7	371608.8	3772753	0.35068	0.54909	4.06972
371608.763772772.7	371608.8	3772773	0.39851	0.60739	4.56833
371608.763772792.7	371608.8	3772793	0.4573	0.67576	5.17288
371628.763772712.7	371628.8	3772713	0.27011	0.46119	3.0519
371628.763772732.7	371628.8	3772733	0.30262	0.50775	3.37724
371628.763772752.7	371628.8	3772753	0.34275	0.56356	3.77434
371628.763772772.7	371628.8	3772773	0.38836	0.62501	4.21568
371648.763772712.7	371648.8	3772713	0.26212	0.46841	2.82799
371648.763772732.7	371648.8	3772733	0.29252	0.51628	3.11237
371648.763772752.7	371648.8	3772753	0.32841	0.57171	3.44209
371648.763772772.7	371648.8	3772773	0.37116	0.63633	3.82733
371668.763772712.7	371668.8	3772713	0.25407	0.47703	2.62613
371668.763772732.7	371668.8	3772733	0.28202	0.52593	2.87109
371668.763772752.7	371668.8	3772753	0.31374	0.5811	3.14232
371688.763772712.7	371688.8	3772713	0.24445	0.48423	2.43017
371688.763772732.7	371688.8	3772733	0.26833	0.53157	2.62526
371708.763772712.7	371708.8	3772713	0.23145	0.4861	2.22268
371281.973773112.2	371282	3773112	0.40381	0.31534	1.81024
371281.973773132.2	371282	3773132	0.37313	0.29821	1.63222
371281.973773152.2	371282	3773152	0.34105	0.27733	1.45945
371281.973773172.2	371282	3773172	0.31209	0.25904	1.31202
371281.973773192.2	371282	3773192	0.27967	0.23477	1.14533
371281.973773212.2	371282	3773212	0.2514	0.21438	1.00294
371281.973773232.2	371282	3773232	0.23288	0.2032	0.91819
371281.973773252.2	371282	3773252	0.20705	0.18265	0.78738
371281.973773272.2	371282	3773272	0.17178	0.15159	0.60112
371281.973773292.2	371282	3773292	0.15514	0.13806	0.52519
371281.973773312.2	371282	3773312	0.14435	0.12977	0.48054
371281.973773332.2	371282	3773332	0.12895	0.11507	0.41439
371281.973773352.2	371282	3773352	0.12091	0.10844	0.38376
371281.973773372.2	371282	3773372	0.11673	0.10639	0.36864
371301.973773112.2	371302	3773112	0.45852	0.35306	2.01401
371301.973773132.2	371302	3773132	0.42576	0.33963	1.82956
371301.973773152.2	371302	3773152	0.37987	0.30415	1.58701
371301.973773172.2	371302	3773172	0.34983	0.28862	1.44285
371301.973773192.2	371302	3773192	0.31573	0.26495	1.27647
371301.973773212.2	371302	3773212	0.28171	0.23959	1.10899
371301.973773232.2	371302	3773232	0.26029	0.22647	1.012
371301.973773252.2	371302	3773252	0.22738	0.19926	0.84665
371301.973773272.2	371302	3773272	0.19428	0.1712	0.68027
371301.973773292.2	371302	3773292	0.16817	0.14856	0.55572
371301.973773312.2	371302	3773312	0.15216	0.13485	0.48794
371301.973773332.2	371302	3773332	0.13703	0.1207	0.42903
371301.973773352.2	371302	3773352	0.12671	0.11164	0.39284
371301.973773372.2	371302	3773372	0.11916	0.10577	0.36612
371321.973773112.2	371322	3773112	0.52679	0.40115	2.26658
371321.973773132.2	371322	3773132	0.48857	0.38855	2.05632

371321.973773152.2	371322	3773152	0.43184	0.34368	1.76846
371321.973773172.2	371322	3773172	0.39533	0.32456	1.59809
371321.973773192.2	371322	3773192	0.35266	0.29367	1.39465
371321.973773212.2	371322	3773212	0.31791	0.26973	1.23249
371321.973773232.2	371322	3773232	0.28312	0.24348	1.06694
371321.973773252.2	371322	3773252	0.25264	0.22009	0.92288
371321.973773272.2	371322	3773272	0.22531	0.19847	0.79502
371321.973773292.2	371322	3773292	0.19113	0.1688	0.63139
371321.973773312.2	371322	3773312	0.16828	0.14887	0.5313
371321.973773332.2	371322	3773332	0.14914	0.13107	0.45587
371321.973773352.2	371322	3773352	0.13539	0.11846	0.41003
371321.973773372.2	371322	3773372	0.12522	0.11004	0.37755
371341.973773112.2	371342	3773112	0.60615	0.45252	2.54369
371341.973773132.2	371342	3773132	0.55119	0.4258	2.25298
371341.973773152.2	371342	3773152	0.48912	0.38384	1.95204
371341.973773172.2	371342	3773172	0.43603	0.34976	1.70588
371341.973773192.2	371342	3773192	0.38768	0.31735	1.48379
371341.973773212.2	371342	3773212	0.34489	0.28778	1.28823
371341.973773232.2	371342	3773232	0.30603	0.2596	1.10985
371341.973773252.2	371342	3773252	0.26247	0.22482	0.9043
371341.973773272.2	371342	3773272	0.23183	0.20098	0.76805
371341.973773292.2	371342	3773292	0.20641	0.18062	0.65904
371341.973773312.2	371342	3773312	0.18654	0.16461	0.57881
371341.973773332.2	371342	3773332	0.16485	0.14544	0.49347
371341.973773352.2	371342	3773352	0.14721	0.12923	0.43307
371341.973773372.2	371342	3773372	0.13421	0.1181	0.39349
371361.973773112.2	371362	3773112	0.69138	0.49664	2.80486
371361.973773132.2	371362	3773132	0.61722	0.45808	2.43346
371361.973773152.2	371362	3773152	0.54622	0.41703	2.10543
371361.973773172.2	371362	3773172	0.48177	0.37769	1.81652
371361.973773192.2	371362	3773192	0.42161	0.33796	1.54686
371361.973773212.2	371362	3773212	0.374	0.307	1.33891
371361.973773232.2	371362	3773232	0.33244	0.27841	1.15767
371361.973773292.2	371362	3773292	0.22585	0.19629	0.69962
371361.973773312.2	371362	3773312	0.20402	0.17924	0.61564
371361.973773332.2	371362	3773332	0.1811	0.16001	0.52907
371361.973773352.2	371362	3773352	0.16302	0.14492	0.46613
371361.973773372.2	371362	3773372	0.14546	0.12924	0.411
371381.973773112.2	371382	3773112	0.80996	0.56765	3.18762
371381.973773132.2	371382	3773132	0.69734	0.49963	2.64286
371381.973773152.2	371382	3773152	0.61699	0.46024	2.29434
371381.973773172.2	371382	3773172	0.53591	0.41161	1.94243
371381.973773192.2	371382	3773192	0.46857	0.37022	1.65567
371381.973773212.2	371382	3773212	0.41069	0.33259	1.41006
371381.973773232.2	371382	3773232	0.36434	0.30167	1.21744
371381.973773252.2	371382	3773252	0.31753	0.26716	1.02014
371381.973773272.2	371382	3773272	0.27955	0.23864	0.86625
371381.973773292.2	371382	3773292	0.2532	0.21955	0.76722
371381.973773352.2	371382	3773352	0.184	0.16568	0.51662
371381.973773372.2	371382	3773372	0.16573	0.15101	0.45509
371401.973773112.2	371402	3773112	0.95177	0.64546	3.61163
371401.973773132.2	371402	3773132	0.79456	0.55137	2.88355
371401.973773152.2	371402	3773152	0.68385	0.49454	2.41729
371401.973773172.2	371402	3773172	0.57064	0.42548	1.93227
371401.973773192.2	371402	3773192	0.50524	0.39122	1.68321
371401.973773212.2	371402	3773212	0.43812	0.34868	1.41247
371401.973773232.2	371402	3773232	0.3812	0.31036	1.1866
371401.973773252.2	371402	3773252	0.34414	0.28669	1.0515
371401.973773272.2	371402	3773272	0.30362	0.25733	0.89861

371401.973773292.2	371402	3773292	0.27338	0.23583	0.7913
371401.973773312.2	371402	3773312	0.24152	0.21127	0.67769
371401.973773332.2	371402	3773332	0.21678	0.19254	0.59444
371401.973773352.2	371402	3773352	0.19606	0.17691	0.52727
371401.973773372.2	371402	3773372	0.17808	0.16325	0.4704
371421.973773112.2	371422	3773112	1.13	0.73994	4.11633
371421.973773132.2	371422	3773132	0.93198	0.6325	3.25504
371421.973773152.2	371422	3773152	0.79748	0.56855	2.72355
371421.973773172.2	371422	3773172	0.67016	0.49604	2.21277
371421.973773192.2	371422	3773192	0.56773	0.43446	1.80818
371421.973773212.2	371422	3773212	0.47239	0.3707	1.42829
371421.973773232.2	371422	3773232	0.42178	0.34052	1.25176
371421.973773252.2	371422	3773252	0.35713	0.29349	1.01091
371421.973773272.2	371422	3773272	0.3174	0.26635	0.87734
371421.973773292.2	371422	3773292	0.28522	0.24434	0.77334
371421.973773312.2	371422	3773312	0.25902	0.22657	0.69182
371421.973773332.2	371422	3773332	0.23045	0.20501	0.6009
371421.973773352.2	371422	3773352	0.20722	0.18757	0.52975
371421.973773372.2	371422	3773372	0.18739	0.17251	0.47038
371441.973773112.2	371442	3773112	1.40317	0.90226	4.93561
371441.973773132.2	371442	3773132	1.14785	0.77324	3.89607
371441.973773152.2	371442	3773152	0.93794	0.65973	3.07988
371441.973773172.2	371442	3773172	0.73014	0.52973	2.24392
371441.973773192.2	371442	3773192	0.56912	0.42489	1.61905
371441.973773212.2	371442	3773212	0.4748	0.36414	1.29599
371441.973773232.2	371442	3773232	0.41433	0.32653	1.10454
371441.973773252.2	371442	3773252	0.35339	0.28315	0.91666
371441.973773272.2	371442	3773272	0.31217	0.25583	0.79525
371441.973773292.2	371442	3773292	0.28285	0.2384	0.70845
371441.973773312.2	371442	3773312	0.25803	0.22346	0.63681
371441.973773332.2	371442	3773332	0.23308	0.20637	0.56607
371441.973773352.2	371442	3773352	0.21006	0.18959	0.50149
371441.973773372.2	371442	3773372	0.18591	0.16979	0.43523
371461.973773112.2	371462	3773112	1.78332	1.1274	6.01029
371461.973773132.2	371462	3773132	1.44279	0.97172	4.72418
371461.973773152.2	371462	3773152	1.14089	0.79941	3.60796
371461.973773172.2	371462	3773172	0.86096	0.6207	2.53732
371461.973773192.2	371462	3773192	0.67746	0.50498	1.86836
371461.973773252.2	371462	3773252	0.37516	0.29787	0.92281
371461.973773272.2	371462	3773272	0.33254	0.27168	0.80168
371461.973773292.2	371462	3773292	0.29525	0.24751	0.69843
371461.973773312.2	371462	3773312	0.26569	0.22866	0.6162
371461.973773332.2	371462	3773332	0.23851	0.20984	0.54342
371461.973773352.2	371462	3773352	0.21611	0.19419	0.48399
371461.973773372.2	371462	3773372	0.19552	0.17871	0.43097
371481.973773172.2	371482	3773172	1.06893	0.77621	3.04586
371481.973773192.2	371482	3773192	0.88955	0.67595	2.45141
371481.973773252.2	371482	3773252	0.41302	0.32969	0.95031
371481.973773272.2	371482	3773272	0.36215	0.29748	0.81597
371481.973773292.2	371482	3773292	0.32377	0.2739	0.71441
371481.973773312.2	371482	3773312	0.29219	0.25407	0.63386
371481.973773332.2	371482	3773332	0.26495	0.23594	0.56718
371481.973773352.2	371482	3773352	0.24206	0.2201	0.51323
371481.973773372.2	371482	3773372	0.22028	0.20364	0.46222
371501.973773172.2	371502	3773172	1.21254	0.87765	3.16695
371501.973773192.2	371502	3773192	0.94494	0.71085	2.33445
371501.973773232.2	371502	3773232	0.54795	0.4298	1.19201
371501.973773252.2	371502	3773252	0.47301	0.38283	1.00718
371501.973773272.2	371502	3773272	0.43406	0.36457	0.92017

371501.973773292.2	371502	3773292	0.4031	0.34899	0.86032
371501.973773312.2	371502	3773312	0.36898	0.32703	0.78795
371501.973773332.2	371502	3773332	0.3255	0.29284	0.68351
371501.973773352.2	371502	3773352	0.28695	0.26126	0.59136
371501.973773372.2	371502	3773372	0.25951	0.23917	0.53008
371521.973773172.2	371522	3773172	1.18007	0.83526	2.60699
371521.973773192.2	371522	3773192	0.93425	0.68942	1.9821
371521.973773212.2	371522	3773212	0.75038	0.57203	1.53672
371521.973773232.2	371522	3773232	0.63873	0.50342	1.28205
371521.973773252.2	371522	3773252	0.59083	0.48344	1.19699
371521.973773272.2	371522	3773272	0.53589	0.45099	1.08955
371521.973773292.2	371522	3773292	0.47479	0.40753	0.95741
371521.973773312.2	371522	3773312	0.42316	0.36917	0.84688
371521.973773332.2	371522	3773332	0.36294	0.31922	0.70917
371521.973773352.2	371522	3773352	0.32049	0.28455	0.61763
371521.973773372.2	371522	3773372	0.28577	0.25586	0.54462
371541.973773172.2	371542	3773172	1.40968	0.99189	2.78806
371541.973773192.2	371542	3773192	1.09736	0.79815	2.08579
371541.973773212.2	371542	3773212	0.95349	0.72007	1.80497
371541.973773232.2	371542	3773232	0.835	0.65016	1.57823
371541.973773252.2	371542	3773252	0.73775	0.58919	1.39348
371541.973773272.2	371542	3773272	0.63655	0.5169	1.18864
371541.973773292.2	371542	3773292	0.54129	0.44441	0.99277
371541.973773312.2	371542	3773312	0.4774	0.3969	0.87036
371541.973773332.2	371542	3773332	0.41242	0.34563	0.74087
371541.973773352.2	371542	3773352	0.36111	0.30497	0.64147
371541.973773372.2	371542	3773372	0.32502	0.27684	0.57618
371561.973773172.2	371562	3773172	1.76843	1.17758	3.01421
371561.973773192.2	371562	3773192	1.42878	0.9812	2.39825
371561.973773212.2	371562	3773212	1.1962	0.84471	1.99708
371561.973773232.2	371562	3773232	1.02893	0.74512	1.72086
371561.973773252.2	371562	3773252	0.89382	0.66135	1.49896
371581.973773152.2	371582	3773152	3.98164	2.26444	5.79967
371581.973773172.2	371582	3773172	2.55357	1.49443	3.61759
371581.973773192.2	371582	3773192	2.01363	1.22214	2.87058
371581.973773212.2	371582	3773212	1.64039	1.02871	2.36219
371581.973773232.2	371582	3773232	1.34644	0.86837	1.95466
371581.973773252.2	371582	3773252	1.14331	0.75679	1.68134
371581.973773352.2	371582	3773352	0.5027	0.362	0.75057
371581.973773372.2	371582	3773372	0.44271	0.32292	0.66468
371601.973773132.2	371602	3773132	11.43808	5.04311	11.6001
371601.973773152.2	371602	3773152	7.15022	3.35795	7.75126
371601.973773172.2	371602	3773172	4.73205	2.3496	5.39515
371601.973773192.2	371602	3773192	3.3814	1.76414	4.00885
371601.973773212.2	371602	3773212	2.46315	1.34009	3.00138
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371601.973773312.2	371602	3773312	0.83827	0.53051	1.11802
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371621.973773152.2	371622	3773152	12.03628	4.90849	9.38021
371621.973773172.2	371622	3773172	7.38272	3.17165	6.39433
371621.973773192.2	371622	3773192	4.99985	2.27119	4.69632
371621.973773212.2	371622	3773212	3.62578	1.73535	3.63423
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371621.973773292.2	371622	3773292	1.30096	0.72959	1.52267

371621.973773312.2	371622	3773312	1.04103	0.60087	1.24011
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371621.973773352.2	371622	3773352	0.71339	0.43208	0.87562
371621.973773372.2	371622	3773372	0.59688	0.36786	0.73829
371641.973773132.2	371642	3773132	33.03843	13.36425	15.9146
371641.973773152.2	371642	3773152	18.48201	7.2624	10.52995
371641.973773172.2	371642	3773172	11.14322	4.45903	7.30796
371641.973773192.2	371642	3773192	7.2605	3.02615	5.34635
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371741.973773152.2	371742	3773152	23.01833	15.14567	6.85948
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 6/25/2025
** File: C:\Lakes\AERMOD View\AERMOD Projects\9160-9176 Sunset EIR Construction
HRA\9160-9176 Sunset EIR Construction HRA.ADI
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** AERMOD Control Pathway
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CO FINISHED
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** AERMOD Source Pathway
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** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC Construction Area
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** LINE VOLUME Source ID = HAUL
** DESCRSRC On-Road Haul Route
** PREFIX HAUL
** Length of Side = 12.10
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.25
** SZINIT = 3.37
** Nodes = 5
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   LOCATION HAUL0006     VOLUME   371631.741 3773078.226 128.59
   LOCATION HAUL0007     VOLUME   371643.828 3773077.771 128.59
   LOCATION HAUL0008     VOLUME   371655.916 3773077.316 128.50
   LOCATION HAUL0009     VOLUME   371668.003 3773076.861 128.35
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   LOCATION HAUL0021     VOLUME   371813.116 3773074.093 122.89
   LOCATION HAUL0022     VOLUME   371825.211 3773073.981 122.38
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   LOCATION HAUL0030     VOLUME   371921.967 3773074.884 120.70
   LOCATION HAUL0031     VOLUME   371934.061 3773075.102 120.57
   LOCATION HAUL0032     VOLUME   371946.155 3773075.321 120.43
   LOCATION HAUL0033     VOLUME   371958.249 3773075.540 120.25
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** DESCRSRC Nighttime Construction Area
** Source Parameters **
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   AREAVERT CONSTR       371627.786 3773063.561 371627.244 3773028.054
   AREAVERT CONSTR       371612.925 3773027.948 371612.792 3773030.982
   AREAVERT CONSTR       371577.366 3773031.504 371575.508 3773054.876
   AREAVERT CONSTR       371576.169 3773057.652 371578.311 3773061.585
   AREAVERT CONSTR       371582.409 3773064.341 371591.742 3773064.076
   AREAVERT CONSTR       371616.754 3773063.469
```

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** LINE VOLUME Source ID = HAUL
   SRCPARAM HAUL0001     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0002     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0003     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0004     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0005     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0006     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0007     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0008     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0009     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0010     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0011     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0012     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0013     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0014     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0015     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0016     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0017     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0018     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0019     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0020     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0021     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0022     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0023     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0024     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0025     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0026     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0027     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0028     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0029     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0030     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0031     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0032     0.0303030303      3.63      5.63      3.37
   SRCPARAM HAUL0033     0.0303030303      3.63      5.63      3.37
** ------------------------------------------------------------------
   SRCPARAM NIGHT        0.0005878213     5.000        11     1.400
   AREAVERT NIGHT        371627.786 3773063.561 371627.244 3773028.054
   AREAVERT NIGHT        371612.925 3773027.948 371612.792 3773030.982
   AREAVERT NIGHT        371577.366 3773031.504 371575.508 3773054.876
   AREAVERT NIGHT        371576.169 3773057.652 371578.311 3773061.585
   AREAVERT NIGHT        371582.409 3773064.341 371591.742 3773064.076
   AREAVERT NIGHT        371616.754 3773063.469
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT CONSTR       HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR       HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0002     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0003     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0004     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0005     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0006     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0007     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0008     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0009     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0010     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0012     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0014     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0016     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0021     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0023     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0024     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0024     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0025     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0026     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0026     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT HAUL0028     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0028     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0029     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0029     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0030     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0030     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0031     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0031     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0033     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT HAUL0001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0003     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0005     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0008     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0009     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0014     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0021     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0023     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0024     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0025     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0026     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0027     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0027     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0028     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0028     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0029     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0029     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0030     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0030     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0031     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0031     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0032     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0033     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 3"
** WeekDays:
   EMISFACT NIGHT        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT NIGHT        HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT NIGHT        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT NIGHT        HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT NIGHT        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP CONSTR   CONSTR
   SRCGROUP HAUL     HAUL0001 HAUL0002 HAUL0003 HAUL0004 HAUL0005 HAUL0006
   SRCGROUP HAUL     HAUL0007 HAUL0008 HAUL0009 HAUL0010 HAUL0011 HAUL0012
   SRCGROUP HAUL     HAUL0013 HAUL0014 HAUL0015 HAUL0016 HAUL0017 HAUL0018
   SRCGROUP HAUL     HAUL0019 HAUL0020 HAUL0021 HAUL0022 HAUL0023 HAUL0024
   SRCGROUP HAUL     HAUL0025 HAUL0026 HAUL0027 HAUL0028 HAUL0029 HAUL0030
   SRCGROUP HAUL     HAUL0031 HAUL0032 HAUL0033
   SRCGROUP NIGHT    NIGHT
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "9160-9176 Sunset EIR Construction HRA.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE MET\ksmo_sfc_pfl\KSMO_V11_trimmed.sfc
   PROFFILE MET\ksmo_sfc_pfl\KSMO_V11_trimmed.PFL
   SURFDATA 93197 2019 Santa_Monica_Airport
   UAIRDATA 3190 2019
   PROFBASE 53.55 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "9160-9176 Sunset EIR Construction HRA.AD\01H1GALL.PLT" 31
   PLOTFILE 1 CONSTR 1ST "9160-9176 Sunset EIR Construction HRA.AD\01H1G001.PLT" 32
   PLOTFILE 1 HAUL 1ST "9160-9176 Sunset EIR Construction HRA.AD\01H1G002.PLT" 33
   PLOTFILE 1 NIGHT 1ST "9160-9176 Sunset EIR Construction HRA.AD\01H1G003.PLT" 34
   PLOTFILE PERIOD ALL "9160-9176 Sunset EIR Construction HRA.AD\PE00GALL.PLT" 35
   PLOTFILE PERIOD CONSTR "9160-9176 Sunset EIR Construction HRA.AD\PE00G001.PLT" 36
   PLOTFILE PERIOD HAUL "9160-9176 Sunset EIR Construction HRA.AD\PE00G002.PLT" 37
   PLOTFILE PERIOD NIGHT "9160-9176 Sunset EIR Construction HRA.AD\PE00G003.PLT" 38
   SUMMFILE "9160-9176 Sunset EIR Construction HRA.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     609       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     609       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    35 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: CONSTR

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     35 Source(s);       4 Source Group(s); and     936
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     33 VOLUME source(s)
                 and:      2 AREA type source(s)
```

```
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    53.55 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   9160-9176 Sunset EIR Construction HRA.err

 **File for Summary of Results:   9160-9176 Sunset EIR Construction HRA.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE CATS.	EMISSION RATE AIRCRAFT
HAUL0001	0	0.30303E-01	371601.2	3773050.5	127.0	3.63	5.63	3.37	YES	HRDOW NO
HAUL0002	0	0.30303E-01	371600.8	3773062.6	127.4	3.63	5.63	3.37	YES	HRDOW NO
HAUL0003	0	0.30303E-01	371600.4	3773074.7	128.0	3.63	5.63	3.37	YES	HRDOW NO
HAUL0004	0	0.30303E-01	371607.6	3773079.1	128.3	3.63	5.63	3.37	YES	HRDOW NO
HAUL0005	0	0.30303E-01	371619.7	3773078.7	128.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0006	0	0.30303E-01	371631.7	3773078.2	128.6	3.63	5.63	3.37	YES	HRDOW NO
HAUL0007	0	0.30303E-01	371643.8	3773077.8	128.6	3.63	5.63	3.37	YES	HRDOW NO
HAUL0008	0	0.30303E-01	371655.9	3773077.3	128.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0009	0	0.30303E-01	371668.0	3773076.9	128.4	3.63	5.63	3.37	YES	HRDOW NO
HAUL0010	0	0.30303E-01	371680.1	3773076.4	128.2	3.63	5.63	3.37	YES	HRDOW NO
HAUL0011	0	0.30303E-01	371692.2	3773076.0	127.8	3.63	5.63	3.37	YES	HRDOW NO
HAUL0012	0	0.30303E-01	371704.3	3773075.5	127.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0013	0	0.30303E-01	371716.4	3773075.0	127.0	3.63	5.63	3.37	YES	HRDOW NO
HAUL0014	0	0.30303E-01	371728.4	3773074.9	126.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0015	0	0.30303E-01	371740.5	3773074.8	126.0	3.63	5.63	3.37	YES	HRDOW NO
HAUL0016	0	0.30303E-01	371752.6	3773074.6	125.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0017	0	0.30303E-01	371764.7	3773074.5	125.0	3.63	5.63	3.37	YES	HRDOW NO
HAUL0018	0	0.30303E-01	371776.8	3773074.4	124.5	3.63	5.63	3.37	YES	HRDOW NO
HAUL0019	0	0.30303E-01	371788.9	3773074.3	124.1	3.63	5.63	3.37	YES	HRDOW NO

```
 HAUL0020         0   0.30303E-01  371801.0 3773074.2   123.5     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0021         0   0.30303E-01  371813.1 3773074.1   122.9     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0022         0   0.30303E-01  371825.2 3773074.0   122.4     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0023         0   0.30303E-01  371837.3 3773073.9   122.0     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0024         0   0.30303E-01  371849.4 3773073.8   121.6     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0025         0   0.30303E-01  371861.5 3773073.8   121.4     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0026         0   0.30303E-01  371873.6 3773074.0   121.3     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0027         0   0.30303E-01  371885.7 3773074.2   121.1     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0028         0   0.30303E-01  371897.8 3773074.4   121.0     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0029         0   0.30303E-01  371909.9 3773074.7   120.8     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0030         0   0.30303E-01  371922.0 3773074.9   120.7     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0031         0   0.30303E-01  371934.1 3773075.1   120.6     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0032         0   0.30303E-01  371946.2 3773075.3   120.4     3.63     5.63
3.37     YES   HRDOW            NO
 HAUL0033         0   0.30303E-01  371958.2 3773075.5   120.2     3.63     5.63
3.37     YES   HRDOW            NO
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** AREAPOLY SOURCE DATA ***

               NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
 INIT.   URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
  SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 CONSTR           0   0.58782E-03  371627.8 3773063.6   128.1     5.00      11
  1.40     YES   HRDOW            NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

  CONSTR   CONSTR   ,

  HAUL   HAUL0001   , HAUL0002   , HAUL0003   , HAUL0004   , HAUL0005   ,
HAUL0006   , HAUL0007   , HAUL0008   ,

             HAUL0009   , HAUL0010   , HAUL0011   , HAUL0012   , HAUL0013   ,
HAUL0014   , HAUL0015   , HAUL0016   ,

             HAUL0017   , HAUL0018   , HAUL0019   , HAUL0020   , HAUL0021   ,
HAUL0022   , HAUL0023   , HAUL0024   ,

             HAUL0025   , HAUL0026   , HAUL0027   , HAUL0028   , HAUL0029   ,
HAUL0030   , HAUL0031   , HAUL0032   ,

             HAUL0033   ,

  NIGHT   NIGHT   ,

  ALL   CONSTR   , HAUL0001   , HAUL0002   , HAUL0003   , HAUL0004   ,
HAUL0005   , HAUL0006   , HAUL0007   ,

             HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011   , HAUL0012   ,
HAUL0013   , HAUL0014   , HAUL0015   ,

             HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019   , HAUL0020   ,
HAUL0021   , HAUL0022   , HAUL0023   ,

             HAUL0024   , HAUL0025   , HAUL0026   , HAUL0027   , HAUL0028   ,
HAUL0029   , HAUL0030   , HAUL0031   ,

             HAUL0032   , HAUL0033   , NIGHT   ,

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

              9663345.   CONSTR   , HAUL0001   , HAUL0002   , HAUL0003   ,
HAUL0004   , HAUL0005   , HAUL0006   ,
 HAUL0007   ,

              HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011   , HAUL0012   ,
HAUL0013   , HAUL0014   , HAUL0015   ,

              HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019   , HAUL0020   ,
HAUL0021   , HAUL0022   , HAUL0023   ,

              HAUL0024   , HAUL0025   , HAUL0026   , HAUL0027   , HAUL0028   ,
HAUL0029   , HAUL0030   , HAUL0031   ,

              HAUL0032   , HAUL0033   , NIGHT   ,

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = CONSTR   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0002   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = HAUL0003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0008 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0010   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0011   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
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   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0017   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0018 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0019 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0021   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0025   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = HAUL0026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0028 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0029   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0030   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0032   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

Projects\9160-9176 Sunset EIR Constructi ***   06/25/25
*** AERMET - VERSION 22112 ***   *** 9160-9176 Sunset EIR Construction HRA
***   08:54:56

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0033   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = NIGHT   ; SOURCE TYPE = AREAPOLY :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .1000E+01 3 .1000E+01 4 .1000E+01 5 .1000E+01
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .1000E+01 3 .1000E+01 4 .1000E+01 5 .1000E+01
6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371629.7, 3772904.8, 113.8, 204.9, 0.0); (371639.7, 3772904.8, 113.8, 204.9, 0.0);
(371649.7, 3772904.8, 114.1, 204.9, 0.0); (371659.7, 3772904.8, 113.7, 204.9, 0.0);
(371599.7, 3772914.8, 114.5, 204.9, 0.0); (371609.7, 3772914.8, 114.5, 204.9, 0.0);
(371619.7, 3772914.8, 114.5, 204.9, 0.0); (371629.7, 3772914.8, 114.9, 204.9, 0.0);
(371639.7, 3772914.8, 114.9, 204.9, 0.0); (371649.7, 3772914.8, 114.8, 204.9, 0.0);
(371659.7, 3772914.8, 114.6, 204.9, 0.0); (371569.7, 3772924.8, 115.0, 204.9, 0.0);
(371579.7, 3772924.8, 115.1, 204.9, 0.0); (371589.7, 3772924.8, 115.3, 204.9, 0.0);
(371599.7, 3772924.8, 115.6, 204.9, 0.0); (371609.7,

3772924.8,   115.3,   204.9,   0.0);
     (371619.7, 3772924.8,   115.2,   204.9,   0.0);   (371629.7,
3772924.8,   115.9,   204.9,   0.0);
     (371639.7, 3772924.8,   115.8,   204.9,   0.0);   (371649.7,
3772924.8,   115.7,   204.9,   0.0);
     (371659.7, 3772924.8,   115.5,   204.9,   0.0);   (371569.7,
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     (371579.7, 3772934.8,   116.0,   204.9,   0.0);   (371589.7,
3772934.8,   116.4,   204.9,   0.0);
     (371599.7, 3772934.8,   116.4,   204.9,   0.0);   (371609.7,
3772934.8,   115.9,   204.9,   0.0);
     (371619.7, 3772934.8,   115.9,   204.9,   0.0);   (371629.7,
3772934.8,   116.7,   204.9,   0.0);
     (371639.7, 3772934.8,   116.9,   204.9,   0.0);   (371649.7,
3772934.8,   117.0,   204.9,   0.0);
     (371659.7, 3772934.8,   116.5,   204.9,   0.0);   (371569.7,
3772944.8,   116.4,   204.9,   0.0);
     (371579.7, 3772944.8,   116.8,   204.9,   0.0);   (371589.7,
3772944.8,   117.0,   204.9,   0.0);
     (371599.7, 3772944.8,   116.9,   204.9,   0.0);   (371609.7,
3772944.8,   116.9,   204.9,   0.0);
     (371619.7, 3772944.8,   117.3,   204.9,   0.0);   (371629.7,
3772944.8,   117.5,   204.9,   0.0);
     (371639.7, 3772944.8,   117.6,   204.9,   0.0);   (371649.7,
3772944.8,   117.6,   204.9,   0.0);
     (371659.7, 3772944.8,   117.4,   204.9,   0.0);   (371569.7,
3772954.8,   117.2,   204.9,   0.0);
     (371579.7, 3772954.8,   117.6,   204.9,   0.0);   (371589.7,
3772954.8,   117.8,   204.9,   0.0);
     (371599.7, 3772954.8,   117.8,   204.9,   0.0);   (371609.7,
3772954.8,   117.9,   204.9,   0.0);
     (371619.7, 3772954.8,   118.3,   204.9,   0.0);   (371629.7,
3772954.8,   118.5,   204.9,   0.0);
     (371639.7, 3772954.8,   118.7,   204.9,   0.0);   (371649.7,
3772954.8,   118.7,   204.9,   0.0);
     (371659.7, 3772954.8,   118.2,   204.9,   0.0);   (371569.7,
3772964.8,   118.1,   204.9,   0.0);
     (371579.7, 3772964.8,   118.5,   204.9,   0.0);   (371589.7,
3772964.8,   118.9,   204.9,   0.0);
     (371599.7, 3772964.8,   118.9,   204.9,   0.0);   (371609.7,
3772964.8,   119.1,   204.9,   0.0);
     (371619.7, 3772964.8,   119.5,   204.9,   0.0);   (371629.7,
3772964.8,   119.5,   204.9,   0.0);
     (371639.7, 3772964.8,   119.6,   204.9,   0.0);   (371649.7,
3772964.8,   119.6,   204.9,   0.0);
     (371659.7, 3772964.8,   119.2,   204.9,   0.0);   (371569.7,
3772970.3,   118.6,   204.9,   0.0);
     (371579.7, 3772970.3,   118.9,   204.9,   0.0);   (371589.7,
3772970.3,   119.2,   204.9,   0.0);
     (371599.7, 3772970.3,   119.4,   204.9,   0.0);   (371609.7,

3772970.3,   119.8,   204.9,   0.0);
     (371619.7, 3772974.8,   120.4,   204.9,   0.0);   (371629.7,
3772974.8,   120.4,   204.9,   0.0);
     (371639.7, 3772974.8,   120.3,   204.9,   0.0);   (371649.7,
3772974.8,   120.2,   204.9,   0.0);
     (371659.7, 3772974.8,   120.1,   204.9,   0.0);   (371619.7,
3772984.8,   121.0,   204.9,   0.0);
     (371629.7, 3772984.8,   120.9,   204.9,   0.0);   (371639.7,
3772984.8,   120.8,   204.9,   0.0);
     (371649.7, 3772984.8,   120.8,   204.9,   0.0);   (371659.7,
3772984.8,   120.9,   204.9,   0.0);
     (371569.9, 3772991.4,   120.4,   204.9,   0.0);   (371579.9,
3772991.4,   120.9,   204.9,   0.0);
     (371589.9, 3772991.4,   121.2,   204.9,   0.0);   (371599.9,
3772991.4,   121.5,   204.9,   0.0);
     (371609.9, 3772991.4,   121.7,   204.9,   0.0);   (371619.7,
3772994.8,   122.0,   204.9,   0.0);
     (371629.7, 3772994.8,   121.9,   204.9,   0.0);   (371639.7,
3772994.8,   121.8,   204.9,   0.0);
     (371649.7, 3772994.8,   121.8,   204.9,   0.0);   (371659.7,
3772994.8,   121.9,   204.9,   0.0);
     (371570.0, 3773001.5,   121.3,   204.9,   0.0);   (371580.0,
3773001.5,   121.6,   204.9,   0.0);
     (371590.0, 3773001.5,   122.0,   204.9,   0.0);   (371600.0,
3773001.5,   122.5,   204.9,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (371610.0, 3773001.5,   122.7,   204.9,   0.0);   (371619.7,
3773004.8,   123.1,   204.9,   0.0);
     (371629.7, 3773004.8,   123.1,   204.9,   0.0);   (371639.7,
3773004.8,   123.0,   204.9,   0.0);
     (371649.7, 3773004.8,   123.4,   204.9,   0.0);   (371659.7,
3773004.8,   122.9,   204.9,   0.0);
     (371619.7, 3773014.8,   123.9,   204.9,   0.0);   (371629.7,
3773014.8,   124.2,   204.9,   0.0);
     (371639.7, 3773014.8,   124.5,   204.9,   0.0);   (371649.7,
3773014.8,   124.9,   204.9,   0.0);
     (371659.7, 3773014.8,   123.8,   204.9,   0.0);   (371619.7,
3773020.2,   124.5,   204.9,   0.0);
     (371629.7, 3773020.2,   124.5,   204.9,   0.0);   (371639.7,

```
3773020.2,     124.6,     204.9,       0.0);
     ( 371649.7, 3773020.2,     124.7,     204.9,       0.0);         ( 371659.7,
3773020.2,     124.1,     204.9,       0.0);
     ( 371678.4, 3772889.0,     112.4,     204.9,       0.0);         ( 371688.4,
3772889.0,     112.6,     204.9,       0.0);
     ( 371698.4, 3772889.0,     112.5,     204.9,       0.0);         ( 371708.4,
3772889.0,     112.2,     204.9,       0.0);
     ( 371718.4, 3772889.0,     111.6,     204.9,       0.0);         ( 371678.4,
3772899.0,     113.0,     204.9,       0.0);
     ( 371688.4, 3772899.0,     112.9,     204.9,       0.0);         ( 371698.4,
3772899.0,     113.0,     204.9,       0.0);
     ( 371708.4, 3772899.0,     113.1,     204.9,       0.0);         ( 371718.4,
3772899.0,     112.8,     204.9,       0.0);
     ( 371678.4, 3772919.0,     114.7,     204.9,       0.0);         ( 371688.4,
3772919.0,     114.2,     204.9,       0.0);
     ( 371698.4, 3772919.0,     114.4,     204.9,       0.0);         ( 371708.4,
3772919.0,     114.5,     204.9,       0.0);
     ( 371718.4, 3772919.0,     114.2,     204.9,       0.0);         ( 371678.4,
3772929.0,     115.8,     204.9,       0.0);
     ( 371688.4, 3772929.0,     115.8,     204.9,       0.0);         ( 371698.4,
3772929.0,     116.0,     204.9,       0.0);
     ( 371708.4, 3772929.0,     116.0,     204.9,       0.0);         ( 371718.4,
3772929.0,     115.6,     204.9,       0.0);
     ( 371678.4, 3772939.0,     116.8,     204.9,       0.0);         ( 371688.4,
3772939.0,     117.0,     204.9,       0.0);
     ( 371698.4, 3772939.0,     117.0,     204.9,       0.0);         ( 371708.4,
3772939.0,     116.6,     204.9,       0.0);
     ( 371718.4, 3772939.0,     116.4,     204.9,       0.0);         ( 371678.4,
3772949.0,     117.7,     204.9,       0.0);
     ( 371688.4, 3772949.0,     118.0,     204.9,       0.0);         ( 371698.4,
3772949.0,     117.9,     204.9,       0.0);
     ( 371708.4, 3772949.0,     117.7,     204.9,       0.0);         ( 371718.4,
3772949.0,     117.4,     204.9,       0.0);
     ( 371678.4, 3772959.0,     118.6,     204.9,       0.0);         ( 371688.4,
3772959.0,     118.8,     204.9,       0.0);
     ( 371698.4, 3772959.0,     118.6,     204.9,       0.0);         ( 371708.4,
3772959.0,     118.3,     204.9,       0.0);
     ( 371718.4, 3772959.0,     118.0,     204.9,       0.0);         ( 371678.4,
3772969.0,     119.5,     204.9,       0.0);
     ( 371688.4, 3772969.0,     119.6,     204.9,       0.0);         ( 371698.4,
3772969.0,     119.4,     204.9,       0.0);
     ( 371708.4, 3772969.0,     119.1,     204.9,       0.0);         ( 371718.4,
3772969.0,     118.8,     204.9,       0.0);
     ( 371678.4, 3772979.0,     120.3,     204.9,       0.0);         ( 371688.4,
3772979.0,     120.6,     204.9,       0.0);
     ( 371698.4, 3772979.0,     120.4,     204.9,       0.0);         ( 371708.4,
3772979.0,     120.0,     204.9,       0.0);
     ( 371718.4, 3772979.0,     119.8,     204.9,       0.0);         ( 371678.4,
3772989.0,     121.2,     204.9,       0.0);
     ( 371688.4, 3772989.0,     121.6,     204.9,       0.0);         ( 371698.4,
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3772989.0,   121.2,   204.9,   0.0);
     (371708.4, 3772989.0,   120.5,   204.9,   0.0);   (371718.4,
3772989.0,   120.3,   204.9,   0.0);
     (371678.4, 3772999.0,   122.1,   204.9,   0.0);   (371688.4,
3772999.0,   122.4,   204.9,   0.0);
     (371698.4, 3772999.0,   122.0,   204.9,   0.0);   (371708.4,
3772999.0,   121.7,   204.9,   0.0);
     (371718.4, 3772999.0,   121.5,   204.9,   0.0);   (371678.4,
3773009.0,   123.0,   204.9,   0.0);
     (371688.4, 3773009.0,   123.3,   204.9,   0.0);   (371698.4,
3773009.0,   123.1,   204.9,   0.0);
     (371708.4, 3773009.0,   122.8,   204.9,   0.0);   (371718.4,
3773009.0,   122.5,   204.9,   0.0);
     (371678.4, 3773019.0,   123.8,   204.9,   0.0);   (371688.4,
3773019.0,   124.0,   204.9,   0.0);
     (371698.4, 3773019.0,   123.8,   204.9,   0.0);   (371708.4,
3773019.0,   123.5,   204.9,   0.0);
     (371718.4, 3773019.0,   123.2,   204.9,   0.0);   (371734.8,
3772871.4,   109.3,   204.9,   0.0);
     (371754.8, 3772871.4,   109.2,   204.9,   0.0);   (371774.8,
3772871.4,   108.1,   204.9,   0.0);
     (371734.8, 3772911.4,   113.2,   204.9,   0.0);   (371754.8,
3772911.4,   113.1,   204.9,   0.0);
     (371774.8, 3772911.4,   112.2,   204.9,   0.0);   (371734.8,
3772931.4,   115.2,   204.9,   0.0);
     (371754.8, 3772931.4,   114.6,   204.9,   0.0);   (371774.8,
3772931.4,   113.5,   204.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371734.8, 3772951.4,   117.6,   204.9,   0.0);   (371754.8,
3772951.4,   116.8,   204.9,   0.0);
     (371774.8, 3772951.4,   115.2,   204.9,   0.0);   (371734.8,
3772971.4,   117.8,   204.9,   0.0);
     (371754.8, 3772971.4,   117.2,   204.9,   0.0);   (371774.8,
3772971.4,   116.4,   204.9,   0.0);
     (371734.8, 3772991.4,   120.1,   204.9,   0.0);   (371754.8,
3772991.4,   119.4,   204.9,   0.0);
     (371774.8, 3772991.4,   118.3,   204.9,   0.0);   (371734.8,
3773011.4,   122.0,   204.9,   0.0);
     (371754.8, 3773011.4,   121.0,   204.9,   0.0);   (371774.8,

```
3773011.4,     120.0,     204.9,       0.0);
     ( 371799.0, 3772785.5,     100.4,     204.9,       0.0);         ( 371819.0,
3772785.5,     100.6,     204.9,       0.0);
     ( 371839.0, 3772785.5,     100.7,     204.9,       0.0);         ( 371859.0,
3772785.5,      99.4,     204.9,       0.0);
     ( 371879.0, 3772785.5,      98.4,     204.9,       0.0);         ( 371899.0,
3772785.5,      99.4,     204.9,       0.0);
     ( 371919.0, 3772785.5,      98.9,     204.9,       0.0);         ( 371939.0,
3772785.5,      98.3,     204.9,       0.0);
     ( 371799.0, 3772805.5,     101.9,     204.9,       0.0);         ( 371819.0,
3772805.5,     101.9,     204.9,       0.0);
     ( 371839.0, 3772805.5,     101.7,     204.9,       0.0);         ( 371859.0,
3772805.5,     100.3,     204.9,       0.0);
     ( 371879.0, 3772805.5,     100.1,     204.9,       0.0);         ( 371899.0,
3772805.5,     102.3,     204.9,       0.0);
     ( 371919.0, 3772805.5,     101.2,     204.9,       0.0);         ( 371939.0,
3772805.5,     100.5,     204.9,       0.0);
     ( 371799.0, 3772825.5,     103.6,     204.9,       0.0);         ( 371819.0,
3772825.5,     103.6,     204.9,       0.0);
     ( 371839.0, 3772825.5,     104.6,     204.9,       0.0);         ( 371859.0,
3772825.5,     104.3,     204.9,       0.0);
     ( 371879.0, 3772825.5,     102.5,     204.9,       0.0);         ( 371899.0,
3772825.5,     103.8,     204.9,       0.0);
     ( 371919.0, 3772825.5,     103.5,     204.9,       0.0);         ( 371939.0,
3772825.5,     102.1,     204.9,       0.0);
     ( 371799.0, 3772845.5,     105.4,     204.9,       0.0);         ( 371819.0,
3772845.5,     105.6,     204.9,       0.0);
     ( 371839.0, 3772845.5,     106.3,     204.9,       0.0);         ( 371859.0,
3772845.5,     106.3,     204.9,       0.0);
     ( 371879.0, 3772845.5,     104.9,     204.9,       0.0);         ( 371899.0,
3772845.5,     105.5,     204.9,       0.0);
     ( 371919.0, 3772845.5,     104.8,     204.9,       0.0);         ( 371939.0,
3772845.5,     103.8,     204.9,       0.0);
     ( 371799.0, 3772865.5,     107.1,     204.9,       0.0);         ( 371819.0,
3772865.5,     107.5,     204.9,       0.0);
     ( 371839.0, 3772865.5,     107.3,     204.9,       0.0);         ( 371859.0,
3772865.5,     107.0,     204.9,       0.0);
     ( 371879.0, 3772865.5,     106.6,     204.9,       0.0);         ( 371899.0,
3772865.5,     106.2,     204.9,       0.0);
     ( 371919.0, 3772865.5,     105.4,     204.9,       0.0);         ( 371939.0,
3772865.5,     104.3,     204.9,       0.0);
     ( 371799.0, 3772885.5,     109.1,     204.9,       0.0);         ( 371819.0,
3772885.5,     109.8,     204.9,       0.0);
     ( 371839.0, 3772885.5,     109.3,     204.9,       0.0);         ( 371859.0,
3772885.5,     109.0,     204.9,       0.0);
     ( 371879.0, 3772885.5,     108.5,     204.9,       0.0);         ( 371899.0,
3772885.5,     107.6,     204.9,       0.0);
     ( 371919.0, 3772885.5,     106.8,     204.9,       0.0);         ( 371939.0,
3772885.5,     105.4,     204.9,       0.0);
     ( 371799.0, 3772905.5,     110.9,     204.9,       0.0);         ( 371819.0,
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3772905.5,   111.8,   204.9,   0.0);
     (371839.0, 3772905.5,   110.7,   204.9,   0.0);   (371859.0,
3772905.5,   110.5,   204.9,   0.0);
     (371879.0, 3772905.5,   109.6,   204.9,   0.0);   (371899.0,
3772905.5,   109.1,   204.9,   0.0);
     (371919.0, 3772905.5,   107.8,   204.9,   0.0);   (371939.0,
3772905.5,   107.3,   204.9,   0.0);
     (371799.0, 3772925.5,   112.8,   204.9,   0.0);   (371819.0,
3772925.5,   112.7,   204.9,   0.0);
     (371839.0, 3772925.5,   112.1,   204.9,   0.0);   (371859.0,
3772925.5,   111.0,   204.9,   0.0);
     (371879.0, 3772925.5,   110.7,   204.9,   0.0);   (371899.0,
3772925.5,   110.0,   204.9,   0.0);
     (371919.0, 3772925.5,   108.4,   204.9,   0.0);   (371939.0,
3772925.5,   108.1,   204.9,   0.0);
     (371799.0, 3772945.5,   114.3,   204.9,   0.0);   (371819.0,
3772945.5,   113.9,   204.9,   0.0);
     (371839.0, 3772945.5,   113.3,   204.9,   0.0);   (371859.0,
3772945.5,   112.2,   204.9,   0.0);
     (371879.0, 3772945.5,   111.6,   204.9,   0.0);   (371899.0,
3772945.5,   110.9,   204.9,   0.0);
     (371919.0, 3772945.5,   109.9,   204.9,   0.0);   (371939.0,
3772945.5,   109.3,   204.9,   0.0);
     (371799.0, 3772965.5,   115.9,   204.9,   0.0);   (371819.0,
3772965.5,   115.2,   204.9,   0.0);
     (371839.0, 3772965.5,   114.4,   204.9,   0.0);   (371859.0,
3772965.5,   113.5,   204.9,   0.0);
     (371879.0, 3772965.5,   112.7,   204.9,   0.0);   (371899.0,
3772965.5,   112.1,   204.9,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                            (METERS)

     (371919.0, 3772965.5,   111.5,   204.9,   0.0);   (371939.0,
3772965.5,   110.9,   204.9,   0.0);
     (371799.0, 3772985.5,   117.1,   204.9,   0.0);   (371819.0,
3772985.5,   116.2,   204.9,   0.0);
     (371839.0, 3772985.5,   115.2,   204.9,   0.0);   (371859.0,
3772985.5,   114.9,   204.9,   0.0);
     (371879.0, 3772985.5,   114.0,   204.9,   0.0);   (371899.0,
3772985.5,   113.1,   204.9,   0.0);
     (371919.0, 3772985.5,   112.7,   204.9,   0.0);   (371939.0,

```
3772985.5,     112.5,     204.9,       0.0);
     ( 371799.0, 3773005.5,     118.3,     204.9,       0.0);         ( 371819.0,
3773005.5,     117.3,     204.9,       0.0);
     ( 371839.0, 3773005.5,     116.4,     204.9,       0.0);         ( 371859.0,
3773005.5,     116.6,     204.9,       0.0);
     ( 371879.0, 3773005.5,     116.2,     204.9,       0.0);         ( 371899.0,
3773005.5,     116.0,     204.9,       0.0);
     ( 371919.0, 3773005.5,     115.2,     204.9,       0.0);         ( 371939.0,
3773005.5,     114.5,     204.9,       0.0);
     ( 371437.2, 3772897.5,     116.8,     204.9,       0.0);         ( 371437.2,
3772917.5,     117.7,     204.9,       0.0);
     ( 371437.2, 3772937.5,     118.1,     204.9,       0.0);         ( 371437.2,
3772957.5,     121.0,     204.9,       0.0);
     ( 371457.2, 3772897.5,     116.6,     204.9,       0.0);         ( 371457.2,
3772917.5,     117.9,     204.9,       0.0);
     ( 371457.2, 3772937.5,     118.0,     204.9,       0.0);         ( 371477.2,
3772897.5,     114.7,     204.9,       0.0);
     ( 371477.2, 3772917.5,     116.2,     204.9,       0.0);         ( 371477.2,
3772937.5,     118.0,     204.9,       0.0);
     ( 371497.2, 3772877.5,     112.2,     204.9,       0.0);         ( 371497.2,
3772897.5,     113.9,     204.9,       0.0);
     ( 371497.2, 3772917.5,     115.3,     204.9,       0.0);         ( 371497.2,
3772937.5,     116.0,     204.9,       0.0);
     ( 371517.2, 3772877.5,     111.7,     204.9,       0.0);         ( 371517.2,
3772897.5,     112.1,     204.9,       0.0);
     ( 371517.2, 3772917.5,     112.9,     204.9,       0.0);         ( 371537.2,
3772857.5,     109.1,     204.9,       0.0);
     ( 371537.2, 3772877.5,     110.1,     204.9,       0.0);         ( 371537.2,
3772897.5,     111.3,     204.9,       0.0);
     ( 371537.2, 3772917.5,     113.5,     204.9,       0.0);         ( 371557.2,
3772857.5,     108.9,     204.9,       0.0);
     ( 371557.2, 3772877.5,     110.0,     204.9,       0.0);         ( 371557.2,
3772897.5,     111.0,     204.9,       0.0);
     ( 371557.2, 3772917.5,     114.1,     204.9,       0.0);         ( 371577.2,
3772837.5,     106.5,     204.9,       0.0);
     ( 371577.2, 3772857.5,     109.1,     204.9,       0.0);         ( 371577.2,
3772877.5,     109.6,     204.9,       0.0);
     ( 371577.2, 3772897.5,     111.3,     204.9,       0.0);         ( 371597.2,
3772837.5,     107.3,     204.9,       0.0);
     ( 371597.2, 3772857.5,     108.7,     204.9,       0.0);         ( 371597.2,
3772877.5,     109.5,     204.9,       0.0);
     ( 371597.2, 3772897.5,     112.1,     204.9,       0.0);         ( 371617.2,
3772817.5,     104.9,     204.9,       0.0);
     ( 371617.2, 3772837.5,     106.7,     204.9,       0.0);         ( 371617.2,
3772857.5,     108.6,     204.9,       0.0);
     ( 371617.2, 3772877.5,     109.4,     204.9,       0.0);         ( 371617.2,
3772897.5,     112.9,     204.9,       0.0);
     ( 371637.2, 3772817.5,     105.1,     204.9,       0.0);         ( 371637.2,
3772837.5,     106.9,     204.9,       0.0);
     ( 371637.2, 3772857.5,     106.7,     204.9,       0.0);         ( 371637.2,
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3772877.5,   109.8,   204.9,   0.0);
     (371657.2, 3772797.5,   103.3,   204.9,   0.0);   (371657.2,
3772817.5,   105.2,   204.9,   0.0);
     (371657.2, 3772837.5,   106.2,   204.9,   0.0);   (371657.2,
3772857.5,   108.6,   204.9,   0.0);
     (371657.2, 3772877.5,   110.6,   204.9,   0.0);   (371677.2,
3772777.5,   101.1,   204.9,   0.0);
     (371677.2, 3772797.5,   103.3,   204.9,   0.0);   (371677.2,
3772817.5,   105.5,   204.9,   0.0);
     (371677.2, 3772837.5,   107.3,   204.9,   0.0);   (371677.2,
3772857.5,   108.5,   204.9,   0.0);
     (371697.2, 3772777.5,   101.6,   204.9,   0.0);   (371697.2,
3772797.5,   103.1,   204.9,   0.0);
     (371697.2, 3772817.5,   104.2,   204.9,   0.0);   (371697.2,
3772837.5,   105.9,   204.9,   0.0);
     (371697.2, 3772857.5,   108.6,   204.9,   0.0);   (371717.2,
3772757.5,   100.6,   204.9,   0.0);
     (371717.2, 3772777.5,   101.5,   204.9,   0.0);   (371717.2,
3772797.5,   102.2,   204.9,   0.0);
     (371717.2, 3772817.5,   104.1,   204.9,   0.0);   (371717.2,
3772837.5,   106.6,   204.9,   0.0);
     (371717.2, 3772857.5,   108.5,   204.9,   0.0);   (371737.2,
3772737.5,   97.6,   204.9,   0.0);
     (371737.2, 3772757.5,   99.6,   204.9,   0.0);   (371737.2,
3772777.5,   101.0,   204.9,   0.0);
     (371737.2, 3772797.5,   102.5,   204.9,   0.0);   (371737.2,
3772817.5,   104.0,   204.9,   0.0);
     (371737.2, 3772837.5,   105.8,   204.9,   0.0);   (371757.2,
3772737.5,   97.5,   204.9,   0.0);
     (371757.2, 3772757.5,   99.0,   204.9,   0.0);   (371757.2,
3772777.5,   100.8,   204.9,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371757.2, 3772797.5,   102.3,   204.9,   0.0);   (371757.2,
3772817.5,   103.5,   204.9,   0.0);
     (371757.2, 3772837.5,   105.3,   204.9,   0.0);   (371268.8,
3772892.7,   121.9,   204.9,   0.0);
     (371268.8, 3772912.7,   123.1,   204.9,   0.0);   (371268.8,
3772932.7,   126.0,   204.9,   0.0);
     (371268.8, 3772952.7,   127.6,   204.9,   0.0);   (371268.8,

```
3772972.7,     129.8,     204.9,       0.0);
     ( 371268.8, 3772992.7,     131.7,     204.9,       0.0);         ( 371268.8,
3773012.7,     132.6,     204.9,       0.0);
     ( 371268.8, 3773032.7,     133.8,     204.9,       0.0);         ( 371268.8,
3773052.7,     135.9,     204.9,       0.0);
     ( 371268.8, 3773072.7,     137.7,     204.9,       0.0);         ( 371288.8,
3772772.7,     113.1,     204.9,       0.0);
     ( 371288.8, 3772792.7,     115.0,     204.9,       0.0);         ( 371288.8,
3772812.7,     116.7,     204.9,       0.0);
     ( 371288.8, 3772832.7,     118.7,     204.9,       0.0);         ( 371288.8,
3772852.7,     120.3,     204.9,       0.0);
     ( 371288.8, 3772912.7,     124.9,     204.9,       0.0);         ( 371288.8,
3772932.7,     126.4,     204.9,       0.0);
     ( 371288.8, 3772952.7,     126.5,     204.9,       0.0);         ( 371288.8,
3772972.7,     129.4,     204.9,       0.0);
     ( 371288.8, 3772992.7,     131.6,     204.9,       0.0);         ( 371288.8,
3773012.7,     131.6,     204.9,       0.0);
     ( 371288.8, 3773032.7,     133.1,     204.9,       0.0);         ( 371288.8,
3773052.7,     135.7,     204.9,       0.0);
     ( 371288.8, 3773072.7,     136.6,     204.9,       0.0);         ( 371308.8,
3772712.7,     107.9,     204.9,       0.0);
     ( 371308.8, 3772732.7,     109.6,     204.9,       0.0);         ( 371308.8,
3772752.7,     111.3,     204.9,       0.0);
     ( 371308.8, 3772772.7,     112.4,     204.9,       0.0);         ( 371308.8,
3772792.7,     113.5,     204.9,       0.0);
     ( 371308.8, 3772812.7,     112.5,     204.9,       0.0);         ( 371308.8,
3772832.7,     119.4,     204.9,       0.0);
     ( 371308.8, 3772852.7,     120.0,     204.9,       0.0);         ( 371308.8,
3772912.7,     122.6,     204.9,       0.0);
     ( 371308.8, 3772932.7,     125.7,     204.9,       0.0);         ( 371308.8,
3772952.7,     126.5,     204.9,       0.0);
     ( 371308.8, 3772972.7,     128.0,     204.9,       0.0);         ( 371308.8,
3772992.7,     129.3,     204.9,       0.0);
     ( 371308.8, 3773012.7,     130.0,     204.9,       0.0);         ( 371308.8,
3773032.7,     131.6,     204.9,       0.0);
     ( 371308.8, 3773052.7,     134.2,     204.9,       0.0);         ( 371308.8,
3773072.7,     135.9,     204.9,       0.0);
     ( 371328.8, 3772712.7,     107.8,     204.9,       0.0);         ( 371328.8,
3772732.7,     109.7,     204.9,       0.0);
     ( 371328.8, 3772752.7,     110.9,     204.9,       0.0);         ( 371328.8,
3772772.7,     112.5,     204.9,       0.0);
     ( 371328.8, 3772792.7,     113.7,     204.9,       0.0);         ( 371328.8,
3772812.7,     114.9,     204.9,       0.0);
     ( 371328.8, 3772832.7,     116.6,     204.9,       0.0);         ( 371328.8,
3772852.7,     118.5,     204.9,       0.0);
     ( 371328.8, 3772872.7,     119.9,     204.9,       0.0);         ( 371328.8,
3772932.7,     125.1,     204.9,       0.0);
     ( 371328.8, 3772952.7,     126.0,     204.9,       0.0);         ( 371328.8,
3772972.7,     126.3,     204.9,       0.0);
     ( 371328.8, 3772992.7,     128.1,     204.9,       0.0);         ( 371328.8,
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3773012.7,   128.2,   204.9,   0.0);
     (371328.8, 3773032.7,   131.5,   204.9,   0.0);   (371328.8,
3773052.7,   133.1,   204.9,   0.0);
     (371328.8, 3773072.7,   134.4,   204.9,   0.0);   (371348.8,
3772712.7,   107.9,   204.9,   0.0);
     (371348.8, 3772732.7,   109.0,   204.9,   0.0);   (371348.8,
3772752.7,   109.8,   204.9,   0.0);
     (371348.8, 3772772.7,   111.8,   204.9,   0.0);   (371348.8,
3772792.7,   112.5,   204.9,   0.0);
     (371348.8, 3772812.7,   115.2,   204.9,   0.0);   (371348.8,
3772832.7,   115.8,   204.9,   0.0);
     (371348.8, 3772852.7,   117.8,   204.9,   0.0);   (371348.8,
3772872.7,   118.2,   204.9,   0.0);
     (371348.8, 3772892.7,   120.0,   204.9,   0.0);   (371348.8,
3772952.7,   124.5,   204.9,   0.0);
     (371348.8, 3772972.7,   124.4,   204.9,   0.0);   (371348.8,
3772992.7,   125.9,   204.9,   0.0);
     (371348.8, 3773012.7,   128.6,   204.9,   0.0);   (371348.8,
3773032.7,   130.7,   204.9,   0.0);
     (371348.8, 3773052.7,   131.9,   204.9,   0.0);   (371348.8,
3773072.7,   133.1,   204.9,   0.0);
     (371368.8, 3772712.7,   107.2,   204.9,   0.0);   (371368.8,
3772732.7,   108.2,   204.9,   0.0);
     (371368.8, 3772752.7,   109.2,   204.9,   0.0);   (371368.8,
3772772.7,   110.0,   204.9,   0.0);
     (371368.8, 3772792.7,   111.8,   204.9,   0.0);   (371368.8,
3772812.7,   113.5,   204.9,   0.0);
     (371368.8, 3772832.7,   115.3,   204.9,   0.0);   (371368.8,
3772852.7,   116.6,   204.9,   0.0);
     (371368.8, 3772872.7,   118.9,   204.9,   0.0);   (371368.8,
3772892.7,   118.9,   204.9,   0.0);
     (371368.8, 3772972.7,   124.8,   204.9,   0.0);   (371368.8,
3772992.7,   126.0,   204.9,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371368.8, 3773012.7,   128.2,   204.9,   0.0);   (371368.8,
3773032.7,   128.7,   204.9,   0.0);
     (371388.8, 3772712.7,   105.7,   204.9,   0.0);   (371388.8,
3772732.7,   106.6,   204.9,   0.0);
     (371388.8, 3772752.7,   108.0,   204.9,   0.0);   (371388.8,

```
3772772.7,     109.5,     204.9,       0.0);
     ( 371388.8, 3772792.7,     110.0,     204.9,       0.0);         ( 371388.8,
3772812.7,     112.4,     204.9,       0.0);
     ( 371388.8, 3772832.7,     114.5,     204.9,       0.0);         ( 371388.8,
3772852.7,     115.5,     204.9,       0.0);
     ( 371388.8, 3772872.7,     118.7,     204.9,       0.0);         ( 371388.8,
3772892.7,     118.9,     204.9,       0.0);
     ( 371388.8, 3772972.7,     124.4,     204.9,       0.0);         ( 371388.8,
3772992.7,     125.8,     204.9,       0.0);
     ( 371388.8, 3773012.7,     127.1,     204.9,       0.0);         ( 371408.8,
3772712.7,     104.8,     204.9,       0.0);
     ( 371408.8, 3772732.7,     105.5,     204.9,       0.0);         ( 371408.8,
3772752.7,     107.6,     204.9,       0.0);
     ( 371408.8, 3772772.7,     108.2,     204.9,       0.0);         ( 371408.8,
3772792.7,     109.5,     204.9,       0.0);
     ( 371408.8, 3772812.7,     111.8,     204.9,       0.0);         ( 371408.8,
3772832.7,     112.9,     204.9,       0.0);
     ( 371408.8, 3772852.7,     115.5,     204.9,       0.0);         ( 371408.8,
3772872.7,     116.7,     204.9,       0.0);
     ( 371408.8, 3772892.7,     117.8,     204.9,       0.0);         ( 371428.8,
3772712.7,     104.6,     204.9,       0.0);
     ( 371428.8, 3772732.7,     105.4,     204.9,       0.0);         ( 371428.8,
3772752.7,     107.3,     204.9,       0.0);
     ( 371428.8, 3772772.7,     108.1,     204.9,       0.0);         ( 371428.8,
3772792.7,     109.2,     204.9,       0.0);
     ( 371428.8, 3772812.7,     111.0,     204.9,       0.0);         ( 371428.8,
3772832.7,     112.0,     204.9,       0.0);
     ( 371428.8, 3772852.7,     113.7,     204.9,       0.0);         ( 371428.8,
3772872.7,     115.4,     204.9,       0.0);
     ( 371448.8, 3772712.7,     103.1,     204.9,       0.0);         ( 371448.8,
3772732.7,     104.2,     204.9,       0.0);
     ( 371448.8, 3772752.7,     105.1,     204.9,       0.0);         ( 371448.8,
3772772.7,     106.5,     204.9,       0.0);
     ( 371448.8, 3772792.7,     108.0,     204.9,       0.0);         ( 371448.8,
3772812.7,     109.9,     204.9,       0.0);
     ( 371448.8, 3772832.7,     112.0,     204.9,       0.0);         ( 371448.8,
3772852.7,     113.3,     204.9,       0.0);
     ( 371468.8, 3772712.7,     101.8,     204.9,       0.0);         ( 371468.8,
3772732.7,     103.1,     204.9,       0.0);
     ( 371468.8, 3772752.7,     104.7,     204.9,       0.0);         ( 371468.8,
3772772.7,     106.3,     204.9,       0.0);
     ( 371468.8, 3772792.7,     107.8,     204.9,       0.0);         ( 371468.8,
3772812.7,     110.8,     204.9,       0.0);
     ( 371468.8, 3772832.7,     111.8,     204.9,       0.0);         ( 371468.8,
3772852.7,     112.3,     204.9,       0.0);
     ( 371488.8, 3772712.7,     102.2,     204.9,       0.0);         ( 371488.8,
3772732.7,     103.2,     204.9,       0.0);
     ( 371488.8, 3772752.7,     104.5,     204.9,       0.0);         ( 371488.8,
3772772.7,     105.6,     204.9,       0.0);
     ( 371488.8, 3772792.7,     106.9,     204.9,       0.0);         ( 371488.8,
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3772812.7,   110.4,   204.9,   0.0);
     (371488.8, 3772832.7,   111.1,   204.9,   0.0);   (371488.8,
3772852.7,   110.9,   204.9,   0.0);
     (371508.8, 3772712.7,   101.8,   204.9,   0.0);   (371508.8,
3772732.7,   102.4,   204.9,   0.0);
     (371508.8, 3772752.7,   104.1,   204.9,   0.0);   (371508.8,
3772772.7,   104.9,   204.9,   0.0);
     (371508.8, 3772792.7,   106.4,   204.9,   0.0);   (371508.8,
3772812.7,   109.6,   204.9,   0.0);
     (371508.8, 3772832.7,   109.6,   204.9,   0.0);   (371528.8,
3772712.7,   101.2,   204.9,   0.0);
     (371528.8, 3772732.7,   102.3,   204.9,   0.0);   (371528.8,
3772752.7,   103.9,   204.9,   0.0);
     (371528.8, 3772772.7,   104.6,   204.9,   0.0);   (371528.8,
3772792.7,   106.1,   204.9,   0.0);
     (371528.8, 3772812.7,   108.0,   204.9,   0.0);   (371528.8,
3772832.7,   108.6,   204.9,   0.0);
     (371548.8, 3772712.7,   100.3,   204.9,   0.0);   (371548.8,
3772732.7,   101.9,   204.9,   0.0);
     (371548.8, 3772752.7,   102.6,   204.9,   0.0);   (371548.8,
3772772.7,   103.8,   204.9,   0.0);
     (371548.8, 3772792.7,   104.8,   204.9,   0.0);   (371548.8,
3772812.7,   105.6,   204.9,   0.0);
     (371548.8, 3772832.7,   106.9,   204.9,   0.0);   (371568.8,
3772712.7,   99.2,   204.9,   0.0);
     (371568.8, 3772732.7,   100.7,   204.9,   0.0);   (371568.8,
3772752.7,   102.6,   204.9,   0.0);
     (371568.8, 3772772.7,   104.5,   204.9,   0.0);   (371568.8,
3772792.7,   104.6,   204.9,   0.0);
     (371568.8, 3772812.7,   105.2,   204.9,   0.0);   (371588.8,
3772712.7,   99.0,   204.9,   0.0);
     (371588.8, 3772732.7,   100.1,   204.9,   0.0);   (371588.8,
3772752.7,   102.1,   204.9,   0.0);
     (371588.8, 3772772.7,   102.9,   204.9,   0.0);   (371588.8,
3772792.7,   104.4,   204.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (371608.8, 3772712.7,   98.4,   204.9,   0.0);   (371608.8,
3772732.7,   99.7,   204.9,   0.0);
     (371608.8, 3772752.7,   101.6,   204.9,   0.0);   (371608.8,

```
3772772.7,     102.3,     204.9,       0.0);
     ( 371608.8, 3772792.7,     103.0,     204.9,       0.0);         ( 371628.8,
3772712.7,      98.2,     204.9,       0.0);
     ( 371628.8, 3772732.7,      99.5,     204.9,       0.0);         ( 371628.8,
3772752.7,     101.3,     204.9,       0.0);
     ( 371628.8, 3772772.7,     102.1,     204.9,       0.0);         ( 371648.8,
3772712.7,      97.3,     204.9,       0.0);
     ( 371648.8, 3772732.7,      98.5,     204.9,       0.0);         ( 371648.8,
3772752.7,      99.7,     204.9,       0.0);
     ( 371648.8, 3772772.7,     100.8,     204.9,       0.0);         ( 371668.8,
3772712.7,      97.5,     204.9,       0.0);
     ( 371668.8, 3772732.7,      98.6,     204.9,       0.0);         ( 371668.8,
3772752.7,      99.2,     204.9,       0.0);
     ( 371688.8, 3772712.7,      97.8,     204.9,       0.0);         ( 371688.8,
3772732.7,      97.9,     204.9,       0.0);
     ( 371708.8, 3772712.7,      96.7,     204.9,       0.0);         ( 371282.0,
3773112.2,     139.1,     204.9,       0.0);
     ( 371282.0, 3773132.2,     140.3,     204.9,       0.0);         ( 371282.0,
3773152.2,     142.2,     204.9,       0.0);
     ( 371282.0, 3773172.2,     143.8,     204.9,       0.0);         ( 371282.0,
3773192.2,     146.8,     204.9,       0.0);
     ( 371282.0, 3773212.2,     149.3,     204.9,       0.0);         ( 371282.0,
3773232.2,     150.0,     204.9,       0.0);
     ( 371282.0, 3773252.2,     153.4,     204.9,       0.0);         ( 371282.0,
3773272.2,     161.8,     204.9,       0.0);
     ( 371282.0, 3773292.2,     165.5,     204.9,       0.0);         ( 371282.0,
3773312.2,     167.0,     204.9,       0.0);
     ( 371282.0, 3773332.2,     175.1,     204.9,       0.0);         ( 371282.0,
3773352.2,     177.4,     204.9,       0.0);
     ( 371282.0, 3773372.2,     174.3,     204.9,       0.0);         ( 371302.0,
3773112.2,     138.2,     204.9,       0.0);
     ( 371302.0, 3773132.2,     138.6,     204.9,       0.0);         ( 371302.0,
3773152.2,     142.0,     204.9,       0.0);
     ( 371302.0, 3773172.2,     142.7,     204.9,       0.0);         ( 371302.0,
3773192.2,     144.8,     204.9,       0.0);
     ( 371302.0, 3773212.2,     147.6,     204.9,       0.0);         ( 371302.0,
3773232.2,     148.3,     204.9,       0.0);
     ( 371302.0, 3773252.2,     152.5,     204.9,       0.0);         ( 371302.0,
3773272.2,     158.3,     204.9,       0.0);
     ( 371302.0, 3773292.2,     164.7,     204.9,       0.0);         ( 371302.0,
3773312.2,     169.1,     204.9,       0.0);
     ( 371302.0, 3773332.2,     176.9,     204.9,       0.0);         ( 371302.0,
3773352.2,     182.5,     204.9,       0.0);
     ( 371302.0, 3773372.2,     184.4,     204.9,       0.0);         ( 371322.0,
3773112.2,     137.0,     204.9,       0.0);
     ( 371322.0, 3773132.2,     137.0,     204.9,       0.0);         ( 371322.0,
3773152.2,     140.6,     204.9,       0.0);
     ( 371322.0, 3773172.2,     141.4,     204.9,       0.0);         ( 371322.0,
3773192.2,     144.0,     204.9,       0.0);
     ( 371322.0, 3773212.2,     145.8,     204.9,       0.0);         ( 371322.0,
```

3773232.2,   148.5,   204.9,   0.0);
     (371322.0, 3773252.2,   151.1,   204.9,   0.0);   (371322.0,
3773272.2,   153.9,   204.9,   0.0);
     (371322.0, 3773292.2,   160.4,   204.9,   0.0);   (371322.0,
3773312.2,   166.0,   204.9,   0.0);
     (371322.0, 3773332.2,   174.1,   204.9,   0.0);   (371322.0,
3773352.2,   182.8,   204.9,   0.0);
     (371322.0, 3773372.2,   188.9,   204.9,   0.0);   (371342.0,
3773112.2,   136.4,   204.9,   0.0);
     (371342.0, 3773132.2,   137.5,   204.9,   0.0);   (371342.0,
3773152.2,   140.1,   204.9,   0.0);
     (371342.0, 3773172.2,   142.2,   204.9,   0.0);   (371342.0,
3773192.2,   144.4,   204.9,   0.0);
     (371342.0, 3773212.2,   146.7,   204.9,   0.0);   (371342.0,
3773232.2,   149.2,   204.9,   0.0);
     (371342.0, 3773252.2,   153.7,   204.9,   0.0);   (371342.0,
3773272.2,   157.0,   204.9,   0.0);
     (371342.0, 3773292.2,   160.3,   204.9,   0.0);   (371342.0,
3773312.2,   163.2,   204.9,   0.0);
     (371342.0, 3773332.2,   169.5,   204.9,   0.0);   (371342.0,
3773352.2,   178.2,   204.9,   0.0);
     (371342.0, 3773372.2,   186.2,   204.9,   0.0);   (371362.0,
3773112.2,   137.2,   204.9,   0.0);
     (371362.0, 3773132.2,   138.9,   204.9,   0.0);   (371362.0,
3773152.2,   141.0,   204.9,   0.0);
     (371362.0, 3773172.2,   143.1,   204.9,   0.0);   (371362.0,
3773192.2,   145.7,   204.9,   0.0);
     (371362.0, 3773212.2,   147.7,   204.9,   0.0);   (371362.0,
3773232.2,   149.7,   204.9,   0.0);
     (371362.0, 3773292.2,   159.5,   204.9,   0.0);   (371362.0,
3773312.2,   161.9,   204.9,   0.0);
     (371362.0, 3773332.2,   166.6,   204.9,   0.0);   (371362.0,
3773352.2,   171.2,   204.9,   0.0);
     (371362.0, 3773372.2,   180.1,   204.9,   0.0);   (371382.0,
3773112.2,   136.7,   204.9,   0.0);
     (371382.0, 3773132.2,   140.1,   204.9,   0.0);   (371382.0,
3773152.2,   141.4,   204.9,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (371382.0, 3773172.2,   143.8,   204.9,   0.0);   (371382.0,

```
3773192.2,     145.9,     204.9,       0.0);
     ( 371382.0, 3773212.2,     148.1,     204.9,       0.0);         ( 371382.0,
3773232.2,     149.9,     204.9,       0.0);
     ( 371382.0, 3773252.2,     152.9,     204.9,       0.0);         ( 371382.0,
3773272.2,     155.7,     204.9,       0.0);
     ( 371382.0, 3773292.2,     157.1,     204.9,       0.0);         ( 371382.0,
3773352.2,     164.5,     204.9,       0.0);
     ( 371382.0, 3773372.2,     167.8,     204.9,       0.0);         ( 371402.0,
3773112.2,     136.8,     204.9,       0.0);
     ( 371402.0, 3773132.2,     141.0,     204.9,       0.0);         ( 371402.0,
3773152.2,     143.1,     204.9,       0.0);
     ( 371402.0, 3773172.2,     146.9,     204.9,       0.0);         ( 371402.0,
3773192.2,     147.8,     204.9,       0.0);
     ( 371402.0, 3773212.2,     150.1,     204.9,       0.0);         ( 371402.0,
3773232.2,     152.6,     204.9,       0.0);
     ( 371402.0, 3773252.2,     153.4,     204.9,       0.0);         ( 371402.0,
3773272.2,     155.7,     204.9,       0.0);
     ( 371402.0, 3773292.2,     157.2,     204.9,       0.0);         ( 371402.0,
3773312.2,     160.1,     204.9,       0.0);
     ( 371402.0, 3773332.2,     162.3,     204.9,       0.0);         ( 371402.0,
3773352.2,     164.3,     204.9,       0.0);
     ( 371402.0, 3773372.2,     166.1,     204.9,       0.0);         ( 371422.0,
3773112.2,     137.0,     204.9,       0.0);
     ( 371422.0, 3773132.2,     140.8,     204.9,       0.0);         ( 371422.0,
3773152.2,     142.4,     204.9,       0.0);
     ( 371422.0, 3773172.2,     145.2,     204.9,       0.0);         ( 371422.0,
3773192.2,     147.8,     204.9,       0.0);
     ( 371422.0, 3773212.2,     151.7,     204.9,       0.0);         ( 371422.0,
3773232.2,     152.4,     204.9,       0.0);
     ( 371422.0, 3773252.2,     156.5,     204.9,       0.0);         ( 371422.0,
3773272.2,     158.2,     204.9,       0.0);
     ( 371422.0, 3773292.2,     159.4,     204.9,       0.0);         ( 371422.0,
3773312.2,     160.1,     204.9,       0.0);
     ( 371422.0, 3773332.2,     162.6,     204.9,       0.0);         ( 371422.0,
3773352.2,     164.5,     204.9,       0.0);
     ( 371422.0, 3773372.2,     166.4,     204.9,       0.0);         ( 371442.0,
3773112.2,     135.5,     204.9,       0.0);
     ( 371442.0, 3773132.2,     138.7,     204.9,       0.0);         ( 371442.0,
3773152.2,     141.8,     204.9,       0.0);
     ( 371442.0, 3773172.2,     147.2,     204.9,       0.0);         ( 371442.0,
3773192.2,     153.6,     204.9,       0.0);
     ( 371442.0, 3773212.2,     157.8,     204.9,       0.0);         ( 371442.0,
3773232.2,     159.8,     204.9,       0.0);
     ( 371442.0, 3773252.2,     165.0,     204.9,       0.0);         ( 371442.0,
3773272.2,     167.6,     204.9,       0.0);
     ( 371442.0, 3773292.2,     167.3,     204.9,       0.0);         ( 371442.0,
3773312.2,     166.6,     204.9,       0.0);
     ( 371442.0, 3773332.2,     167.6,     204.9,       0.0);         ( 371442.0,
3773352.2,     169.3,     204.9,       0.0);
     ( 371442.0, 3773372.2,     174.9,     204.9,       0.0);         ( 371462.0,
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3773112.2,   133.9,   204.9,   0.0);
     (371462.0, 3773132.2,   136.3,   204.9,   0.0);   (371462.0,
3773152.2,   140.0,   204.9,   0.0);
     (371462.0, 3773172.2,   145.9,   204.9,   0.0);   (371462.0,
3773192.2,   150.7,   204.9,   0.0);
     (371462.0, 3773252.2,   169.1,   204.9,   0.0);   (371462.0,
3773272.2,   170.3,   204.9,   0.0);
     (371462.0, 3773292.2,   172.0,   204.9,   0.0);   (371462.0,
3773312.2,   172.2,   204.9,   0.0);
     (371462.0, 3773332.2,   173.6,   204.9,   0.0);   (371462.0,
3773352.2,   174.3,   204.9,   0.0);
     (371462.0, 3773372.2,   176.1,   204.9,   0.0);   (371482.0,
3773172.2,   142.7,   204.9,   0.0);
     (371482.0, 3773192.2,   144.0,   204.9,   0.0);   (371482.0,
3773252.2,   167.9,   204.9,   0.0);
     (371482.0, 3773272.2,   169.5,   204.9,   0.0);   (371482.0,
3773292.2,   169.0,   204.9,   0.0);
     (371482.0, 3773312.2,   168.1,   204.9,   0.0);   (371482.0,
3773332.2,   167.5,   204.9,   0.0);
     (371482.0, 3773352.2,   166.8,   204.9,   0.0);   (371482.0,
3773372.2,   167.2,   204.9,   0.0);
     (371502.0, 3773172.2,   143.3,   204.9,   0.0);   (371502.0,
3773192.2,   146.7,   204.9,   0.0);
     (371502.0, 3773232.2,   161.2,   204.9,   0.0);   (371502.0,
3773252.2,   162.4,   204.9,   0.0);
     (371502.0, 3773272.2,   159.0,   204.9,   0.0);   (371502.0,
3773292.2,   156.2,   204.9,   0.0);
     (371502.0, 3773312.2,   155.0,   204.9,   0.0);   (371502.0,
3773332.2,   156.5,   204.9,   0.0);
     (371502.0, 3773352.2,   158.5,   204.9,   0.0);   (371502.0,
3773372.2,   159.3,   204.9,   0.0);
     (371522.0, 3773172.2,   150.1,   204.9,   0.0);   (371522.0,
3773192.2,   153.0,   204.9,   0.0);
     (371522.0, 3773212.2,   156.4,   204.9,   0.0);   (371522.0,
3773232.2,   157.2,   204.9,   0.0);
     (371522.0, 3773252.2,   153.5,   204.9,   0.0);   (371522.0,
3773272.2,   152.0,   204.9,   0.0);
     (371522.0, 3773292.2,   152.2,   204.9,   0.0);   (371522.0,
3773312.2,   152.5,   204.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 371522.0, 3773332.2,     155.4,     204.9,       0.0);         ( 371522.0,
3773352.2,     157.1,     204.9,       0.0);
     ( 371522.0, 3773372.2,     158.7,     204.9,       0.0);         ( 371542.0,
3773172.2,     149.0,     204.9,       0.0);
     ( 371542.0, 3773192.2,     152.0,     204.9,       0.0);         ( 371542.0,
3773212.2,     150.6,     204.9,       0.0);
     ( 371542.0, 3773232.2,     149.6,     204.9,       0.0);         ( 371542.0,
3773252.2,     148.8,     204.9,       0.0);
     ( 371542.0, 3773272.2,     149.7,     204.9,       0.0);         ( 371542.0,
3773292.2,     151.8,     204.9,       0.0);
     ( 371542.0, 3773312.2,     152.5,     204.9,       0.0);         ( 371542.0,
3773332.2,     154.8,     204.9,       0.0);
     ( 371542.0, 3773352.2,     156.9,     204.9,       0.0);         ( 371542.0,
3773372.2,     157.7,     204.9,       0.0);
     ( 371562.0, 3773172.2,     148.1,     204.9,       0.0);         ( 371562.0,
3773192.2,     148.8,     204.9,       0.0);
     ( 371562.0, 3773212.2,     148.9,     204.9,       0.0);         ( 371562.0,
3773232.2,     148.4,     204.9,       0.0);
     ( 371562.0, 3773252.2,     148.1,     204.9,       0.0);         ( 371582.0,
3773152.2,     140.4,     204.9,       0.0);
     ( 371582.0, 3773172.2,     145.9,     204.9,       0.0);         ( 371582.0,
3773192.2,     146.4,     204.9,       0.0);
     ( 371582.0, 3773212.2,     146.6,     204.9,       0.0);         ( 371582.0,
3773232.2,     147.3,     204.9,       0.0);
     ( 371582.0, 3773252.2,     147.3,     204.9,       0.0);         ( 371582.0,
3773352.2,     155.8,     204.9,       0.0);
     ( 371582.0, 3773372.2,     157.1,     204.9,       0.0);         ( 371602.0,
3773132.2,     136.2,     204.9,       0.0);
     ( 371602.0, 3773152.2,     137.5,     204.9,       0.0);         ( 371602.0,
3773172.2,     139.4,     204.9,       0.0);
     ( 371602.0, 3773192.2,     141.0,     204.9,       0.0);         ( 371602.0,
3773212.2,     143.3,     204.9,       0.0);
     ( 371602.0, 3773232.2,     144.6,     204.9,       0.0);         ( 371602.0,
3773292.2,     150.0,     204.9,       0.0);
     ( 371602.0, 3773312.2,     151.7,     204.9,       0.0);         ( 371602.0,
3773332.2,     154.0,     204.9,       0.0);
     ( 371602.0, 3773352.2,     155.8,     204.9,       0.0);         ( 371602.0,
3773372.2,     158.2,     204.9,       0.0);
     ( 371622.0, 3773132.2,     135.5,     204.9,       0.0);         ( 371622.0,
3773152.2,     136.7,     204.9,       0.0);
     ( 371622.0, 3773172.2,     138.8,     204.9,       0.0);         ( 371622.0,
3773192.2,     140.2,     204.9,       0.0);
     ( 371622.0, 3773212.2,     141.3,     204.9,       0.0);         ( 371622.0,
3773232.2,     144.1,     204.9,       0.0);
     ( 371622.0, 3773272.2,     147.6,     204.9,       0.0);         ( 371622.0,
3773292.2,     148.3,     204.9,       0.0);
     ( 371622.0, 3773312.2,     151.2,     204.9,       0.0);         ( 371622.0,
3773332.2,     152.8,     204.9,       0.0);
     ( 371622.0, 3773352.2,     156.6,     204.9,       0.0);         ( 371622.0,
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3773372.2,   160.4,   204.9,   0.0);
     (371642.0, 3773132.2,   134.9,   204.9,   0.0);   (371642.0,
3773152.2,   136.4,   204.9,   0.0);
     (371642.0, 3773172.2,   138.0,   204.9,   0.0);   (371642.0,
3773192.2,   139.4,   204.9,   0.0);
     (371642.0, 3773212.2,   141.2,   204.9,   0.0);   (371642.0,
3773232.2,   142.2,   204.9,   0.0);
     (371642.0, 3773252.2,   144.5,   204.9,   0.0);   (371642.0,
3773272.2,   145.8,   204.9,   0.0);
     (371642.0, 3773292.2,   147.9,   204.9,   0.0);   (371642.0,
3773312.2,   154.5,   204.9,   0.0);
     (371642.0, 3773332.2,   161.6,   204.9,   0.0);   (371642.0,
3773352.2,   162.8,   204.9,   0.0);
     (371642.0, 3773372.2,   165.4,   204.9,   0.0);   (371662.0,
3773132.2,   134.6,   204.9,   0.0);
     (371662.0, 3773152.2,   135.4,   204.9,   0.0);   (371662.0,
3773172.2,   137.0,   204.9,   0.0);
     (371662.0, 3773192.2,   138.7,   204.9,   0.0);   (371662.0,
3773212.2,   140.8,   204.9,   0.0);
     (371662.0, 3773252.2,   143.0,   204.9,   0.0);   (371662.0,
3773272.2,   145.1,   204.9,   0.0);
     (371662.0, 3773292.2,   148.8,   204.9,   0.0);   (371662.0,
3773312.2,   156.6,   204.9,   0.0);
     (371662.0, 3773332.2,   162.4,   204.9,   0.0);   (371662.0,
3773352.2,   165.6,   204.9,   0.0);
     (371662.0, 3773372.2,   172.7,   199.6,   0.0);   (371682.0,
3773132.2,   133.3,   204.9,   0.0);
     (371682.0, 3773152.2,   133.9,   204.9,   0.0);   (371682.0,
3773172.2,   136.0,   204.9,   0.0);
     (371682.0, 3773192.2,   137.5,   204.9,   0.0);   (371682.0,
3773212.2,   139.3,   204.9,   0.0);
     (371682.0, 3773232.2,   140.8,   204.9,   0.0);   (371682.0,
3773252.2,   142.7,   204.9,   0.0);
     (371682.0, 3773272.2,   144.4,   204.9,   0.0);   (371682.0,
3773292.2,   152.6,   204.9,   0.0);
     (371682.0, 3773312.2,   154.0,   204.9,   0.0);   (371682.0,
3773332.2,   162.5,   204.9,   0.0);
     (371682.0, 3773352.2,   163.1,   204.9,   0.0);   (371682.0,
3773372.2,   168.1,   202.4,   0.0);
     (371702.0, 3773132.2,   132.5,   204.9,   0.0);   (371702.0,
3773152.2,   133.5,   204.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371702.0, 3773172.2, 135.3, 204.9, 0.0); (371702.0, 3773192.2, 137.1, 204.9, 0.0);
(371702.0, 3773232.2, 141.1, 204.9, 0.0); (371702.0, 3773252.2, 143.3, 204.9, 0.0);
(371702.0, 3773272.2, 144.5, 204.9, 0.0); (371702.0, 3773292.2, 149.8, 204.9, 0.0);
(371702.0, 3773312.2, 151.9, 204.9, 0.0); (371702.0, 3773332.2, 156.4, 204.9, 0.0);
(371702.0, 3773352.2, 160.5, 204.9, 0.0); (371702.0, 3773372.2, 164.4, 204.9, 0.0);
(371722.0, 3773132.2, 131.5, 204.9, 0.0); (371722.0, 3773152.2, 132.7, 204.9, 0.0);
(371722.0, 3773172.2, 134.2, 204.9, 0.0); (371722.0, 3773192.2, 136.7, 204.9, 0.0);
(371722.0, 3773232.2, 141.4, 204.9, 0.0); (371722.0, 3773252.2, 143.5, 204.9, 0.0);
(371722.0, 3773272.2, 144.9, 204.9, 0.0); (371722.0, 3773292.2, 147.1, 204.9, 0.0);
(371722.0, 3773312.2, 151.4, 204.9, 0.0); (371722.0, 3773332.2, 157.6, 204.9, 0.0);
(371722.0, 3773352.2, 159.3, 204.9, 0.0); (371722.0, 3773372.2, 162.7, 204.9, 0.0);
(371742.0, 3773132.2, 128.5, 204.9, 0.0); (371742.0, 3773152.2, 132.1, 204.9, 0.0);
(371742.0, 3773172.2, 134.1, 204.9, 0.0); (371742.0, 3773192.2, 135.9, 204.9, 0.0);
(371742.0, 3773212.2, 137.6, 204.9, 0.0); (371742.0, 3773232.2, 143.2, 204.9, 0.0);
(371742.0, 3773252.2, 144.5, 204.9, 0.0); (371742.0, 3773272.2, 147.9, 204.9, 0.0);
(371742.0, 3773292.2, 150.4, 204.9, 0.0); (371742.0, 3773312.2, 154.0, 204.9, 0.0);
(371742.0, 3773332.2, 157.7, 204.9, 0.0); (371742.0, 3773352.2, 159.9, 204.9, 0.0);
(371742.0, 3773372.2, 161.1, 204.9, 0.0); (371762.0, 3773132.2, 129.8, 204.9, 0.0);
(371762.0, 3773152.2, 131.3, 204.9, 0.0); (371762.0, 3773172.2, 133.7, 204.9, 0.0);
(371762.0, 3773212.2, 138.8, 204.9, 0.0); (371762.0, 3773232.2, 143.8, 204.9, 0.0);
(371762.0, 3773252.2, 144.7, 204.9, 0.0); (371762.0, 3773272.2, 147.3, 204.9, 0.0);
(371762.0, 3773292.2, 154.8, 204.9, 0.0); (371762.0, 3773312.2, 157.7, 204.9, 0.0);
(371762.0, 3773332.2, 160.8, 202.6, 0.0); (371762.0, 3773352.2, 162.7, 202.6, 0.0);
(371762.0, 3773372.2, 165.4, 202.6, 0.0); (371782.0,

3773132.2,   129.2,   204.9,   0.0);
     (371782.0, 3773152.2,   130.6,   204.9,   0.0);   (371782.0,
3773212.2,   139.1,   204.9,   0.0);
     (371782.0, 3773232.2,   141.1,   204.9,   0.0);   (371782.0,
3773252.2,   144.7,   204.9,   0.0);
     (371782.0, 3773272.2,   149.0,   204.9,   0.0);   (371782.0,
3773292.2,   156.4,   202.6,   0.0);
     (371782.0, 3773312.2,   161.1,   202.6,   0.0);   (371782.0,
3773332.2,   164.8,   202.6,   0.0);
     (371782.0, 3773352.2,   169.8,   202.6,   0.0);   (371782.0,
3773372.2,   174.5,   202.6,   0.0);
     (371802.0, 3773132.2,   128.5,   204.9,   0.0);   (371802.0,
3773152.2,   130.4,   204.9,   0.0);
     (371802.0, 3773192.2,   136.0,   204.9,   0.0);   (371802.0,
3773212.2,   139.1,   204.9,   0.0);
     (371802.0, 3773232.2,   143.1,   204.9,   0.0);   (371802.0,
3773252.2,   146.0,   204.9,   0.0);
     (371802.0, 3773272.2,   153.1,   202.6,   0.0);   (371802.0,
3773292.2,   158.2,   202.6,   0.0);
     (371802.0, 3773312.2,   163.9,   202.6,   0.0);   (371802.0,
3773332.2,   167.9,   202.6,   0.0);
     (371802.0, 3773352.2,   174.6,   202.6,   0.0);   (371802.0,
3773372.2,   176.9,   202.6,   0.0);
     (371822.0, 3773132.2,   128.3,   204.9,   0.0);   (371822.0,
3773152.2,   131.0,   204.9,   0.0);
     (371822.0, 3773192.2,   136.6,   204.9,   0.0);   (371822.0,
3773212.2,   138.4,   204.9,   0.0);
     (371822.0, 3773232.2,   144.8,   204.9,   0.0);   (371822.0,
3773252.2,   151.2,   202.6,   0.0);
     (371822.0, 3773272.2,   157.4,   202.6,   0.0);   (371822.0,
3773292.2,   161.9,   202.6,   0.0);
     (371822.0, 3773312.2,   165.7,   202.6,   0.0);   (371822.0,
3773332.2,   168.6,   202.6,   0.0);
     (371822.0, 3773352.2,   174.7,   202.6,   0.0);   (371822.0,
3773372.2,   176.2,   202.6,   0.0);
     (371842.0, 3773132.2,   127.5,   204.9,   0.0);   (371842.0,
3773152.2,   131.1,   204.9,   0.0);
     (371842.0, 3773192.2,   136.7,   204.9,   0.0);   (371842.0,
3773212.2,   139.8,   204.9,   0.0);
     (371842.0, 3773232.2,   146.6,   204.9,   0.0);   (371842.0,
3773252.2,   154.8,   202.6,   0.0);
     (371842.0, 3773272.2,   160.8,   202.6,   0.0);   (371842.0,
3773292.2,   162.5,   202.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371842.0, 3773312.2, 166.0, 202.6, 0.0); (371842.0, 3773332.2, 167.3, 202.6, 0.0);
(371842.0, 3773352.2, 164.3, 202.6, 0.0); (371842.0, 3773372.2, 164.4, 202.6, 0.0);
(371862.0, 3773132.2, 127.9, 204.9, 0.0); (371862.0, 3773152.2, 131.5, 204.9, 0.0);
(371862.0, 3773192.2, 136.5, 204.9, 0.0); (371862.0, 3773212.2, 140.1, 204.9, 0.0);
(371862.0, 3773232.2, 148.9, 202.6, 0.0); (371862.0, 3773252.2, 156.0, 202.6, 0.0);
(371862.0, 3773272.2, 160.2, 202.6, 0.0); (371862.0, 3773292.2, 160.8, 202.6, 0.0);
(371862.0, 3773312.2, 159.9, 202.6, 0.0); (371862.0, 3773332.2, 157.5, 202.6, 0.0);
(371862.0, 3773352.2, 155.2, 202.6, 0.0); (371862.0, 3773372.2, 156.8, 202.6, 0.0);
(371882.0, 3773132.2, 128.1, 204.9, 0.0); (371882.0, 3773152.2, 131.0, 204.9, 0.0);
(371882.0, 3773192.2, 136.8, 204.9, 0.0); (371882.0, 3773212.2, 140.1, 204.9, 0.0);
(371882.0, 3773232.2, 148.0, 202.6, 0.0); (371882.0, 3773252.2, 150.3, 202.6, 0.0);
(371882.0, 3773272.2, 149.1, 202.6, 0.0); (371882.0, 3773292.2, 150.5, 202.6, 0.0);
(371882.0, 3773312.2, 150.5, 202.6, 0.0); (371882.0, 3773332.2, 151.2, 202.6, 0.0);
(371882.0, 3773352.2, 151.9, 202.6, 0.0); (371882.0, 3773372.2, 155.2, 202.6, 0.0);
(371902.0, 3773132.2, 127.3, 204.9, 0.0); (371902.0, 3773152.2, 130.7, 204.9, 0.0);
(371902.0, 3773212.2, 139.6, 204.9, 0.0); (371902.0, 3773232.2, 142.1, 202.6, 0.0);
(371902.0, 3773252.2, 144.2, 202.6, 0.0); (371902.0, 3773272.2, 143.9, 202.6, 0.0);
(371902.0, 3773292.2, 145.8, 202.6, 0.0); (371902.0, 3773312.2, 146.6, 202.6, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***
(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: MET\ksmo_sfc_pfl\KSMO_V11_trimmed.sfc
Met Version: 22112
Profile file: MET\ksmo_sfc_pfl\KSMO_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93197 Upper air station no.: 3190

Name: SANTA_MONICA_AIRPORT Name: UNKNOWN

Year: 2019 Year: 2019

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
19	01	01	1	01	-33.7	0.341	-9.000	-9.000	-999.	478.	127.8	0.24	0.69	1.00	3.23	21.	10.1	285.3	2.0
19	01	01	1	02	-23.6	0.237	-9.000	-9.000	-999.	283.	61.9	0.26	0.69	1.00	2.23	348.	10.1	284.2	2.0
19	01	01	1	03	-33.8	0.341	-9.000	-9.000	-999.	477.	127.8	0.24	0.69	1.00	3.23	24.	10.1	284.8	2.0
19	01	01	1	04	-35.3	0.354	-9.000	-9.000	-999.	506.	138.0	0.22	0.69	1.00	3.46	43.	10.1	283.8	2.0
19	01	01	1	05	-9.2	0.135	-9.000	-9.000	-999.	176.	24.4	0.22	0.69	1.00	1.40	59.	10.1	282.5	2.0
19	01	01	1	06	-8.6	0.123	-9.000	-9.000	-999.	105.	19.8	0.05	0.69	1.00	1.79	192.	10.1	282.5	2.0
19	01	01	1	07	-19.5	0.202	-9.000	-9.000	-999.	218.	45.0	0.31	0.69	1.00	1.81	161.	10.1	280.3	2.0
19	01	01	1	08	-15.6	0.191	-9.000	-9.000	-999.	201.	40.7	0.26	0.69	0.54	1.81	359.	10.1	282.0	2.0
19	01	01	1	09	20.3	0.281	0.408	0.005	121.	357.	-98.7	0.24	0.69	0.31	2.42	22.	10.1	287.0	2.0
19	01	01	1	10	60.8	0.600	0.722	0.005	224.	1114.	-320.8	0.24	0.69	0.23	5.43	20.	10.1	288.8	2.0
19	01	01	1	11	89.2	0.529	1.113	0.005	558.	929.	-150.0	0.22	0.69	0.20	4.80	32.	10.1	289.8	2.0
19	01	01	1	12	103.4	0.526	1.330	0.005	824.	916.	-127.2	0.24	0.69	0.19	4.60	17.	10.1	290.3	2.0
19	01	01	1	13	102.7	0.587	1.379	0.005	924.	1077.	-177.5	0.26	0.69	0.19	5.10	351.	10.1	290.3	2.0
19	01	01	1	14	87.4	0.578	1.343	0.005	1002.	1056.	-199.7	0.26	0.69	0.20	5.05	343.	10.1	290.3	2.0
19	01	01	1	15	58.0	0.589	1.190	0.005	1050.	1083.	-317.5	0.26	0.69	0.23	5.22	344.	10.1	290.3	2.0
19	01	01	1	16	17.1	0.640	0.796	0.005	1063.	1226.	-1381.3	0.26	0.69	0.32	5.80	354.	10.1	290.3	2.0
19	01	01	1	17	-48.8	0.569	-9.000	-9.000	-999.	1036.	355.5	0.24	0.69	0.58	5.26	1.	10.1	288.8	2.0
19	01	01	1	18	-42.1	0.426	-9.000	-9.000	-999.	687.	200.1	0.26	0.69	1.00	3.91	354.	10.1	287.5	2.0
19	01	01	1	19	-38.6	0.390	-9.000	-9.000	-999.	587.	167.7	0.24	0.69	1.00	3.68	6.	10.1	287.0	2.0
19	01	01	1	20	-31.4	0.317	-9.000	-9.000	-999.	431.	110.3	0.24	0.69	1.00	3.01	20.	10.1	285.9	2.0
19	01	01	1	21	-14.1	0.170	-9.000	-9.000	-999.	183.	31.6	0.23	0.69						

```
1.00    1.69   61.   10.1  284.8    2.0
 19 01 01   1 22  -24.1  0.241 -9.000 -9.000 -999.  284.     64.0  0.23   0.69
1.00    2.35   84.   10.1  284.2    2.0
 19 01 01   1 23  -14.5  0.170 -9.000 -9.000 -999.  170.     31.9  0.18   0.69
1.00    1.84  134.   10.1  283.1    2.0
 19 01 01   1 24  -17.7  0.191 -9.000 -9.000 -999.  200.     40.0  0.24   0.69
1.00    1.86   20.   10.1  283.1    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.1 1   21.    3.23   285.4   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371629.72    3772904.76        1.28723                       371639.72
3772904.76        1.22106
         371649.72    3772904.76        1.15378                       371659.72
3772904.76        1.07566
         371599.72    3772914.76        1.65280                       371609.72
3772914.76        1.60037
         371619.72    3772914.76        1.53682                       371629.72
3772914.76        1.46723
         371639.72    3772914.76        1.38318                       371649.72
3772914.76        1.29241
         371659.72    3772914.76        1.20026                       371569.72
3772924.76        1.99616
         371579.72    3772924.76        1.99201                       371589.72
3772924.76        1.96800
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        371599.72    3772924.76        1.92839                    371609.72
3772924.76        1.85274
        371619.72    3772924.76        1.76679                    371629.72
3772924.76        1.68517
        371639.72    3772924.76        1.57450                    371649.72
3772924.76        1.46029
        371659.72    3772924.76        1.34795                    371569.72
3772934.76        2.35248
        371579.72    3772934.76        2.35619                    371589.72
3772934.76        2.33602
        371599.72    3772934.76        2.27121                    371609.72
3772934.76        2.16567
        371619.72    3772934.76        2.05262                    371629.72
3772934.76        1.94716
        371639.72    3772934.76        1.81363                    371649.72
3772934.76        1.67270
        371659.72    3772934.76        1.52659                    371569.72
3772944.76        2.81482
        371579.72    3772944.76        2.82710                    371589.72
3772944.76        2.79046
        371599.72    3772944.76        2.70122                    371609.72
3772944.76        2.57809
        371619.72    3772944.76        2.44081                    371629.72
3772944.76        2.27581
        371639.72    3772944.76        2.09622                    371649.72
3772944.76        1.91523
        371659.72    3772944.76        1.74199                    371569.72
3772954.76        3.42756
        371579.72    3772954.76        3.45192                    371589.72
3772954.76        3.40573
        371599.72    3772954.76        3.28896                    371609.72
3772954.76        3.11993
        371619.72    3772954.76        2.92888                    371629.72
3772954.76        2.69820
        371639.72    3772954.76        2.46312                    371649.72
3772954.76        2.23117
        371659.72    3772954.76        2.00911                    371569.72
3772964.76        4.25226
        371579.72    3772964.76        4.30722                    371589.72
3772964.76        4.26833
        371599.72    3772964.76        4.10426                    371609.72
3772964.76        3.86553
        371619.72    3772964.76        3.58801                    371629.72
3772964.76        3.25707
        371639.72    3772964.76        2.92985                    371649.72
3772964.76        2.63020
        371659.72    3772964.76        2.35357                    371569.72
3772970.33        4.83774
        371579.72    3772970.33        4.91411                    371589.72
3772970.33        4.86600
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         371599.72    3772970.33        4.67956                       371609.72
3772970.33        4.40589
         371619.72    3772974.76        4.47309                       371629.72
3772974.76        3.98875
         371639.72    3772974.76        3.52695                       371649.72
3772974.76        3.13004
         371659.72    3772974.76        2.81381                       371619.72
3772984.76        5.67491
         371629.72    3772984.76        4.96533                       371639.72
3772984.76        4.32962
         371649.72    3772984.76        3.82075                       371659.72
3772984.76        3.46386
         371569.87    3772991.40        8.44141                       371579.87
3772991.40        8.81613
         371589.87    3772991.40        8.80900                       371599.87
3772991.40        8.42815
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371609.87    3772991.40        7.71778                       371619.72
3772994.76        7.49452
         371629.72    3772994.76        6.41893                       371639.72
3772994.76        5.53153
         371649.72    3772994.76        4.89543                       371659.72
3772994.76        4.47680
         371570.04    3773001.54       11.51324                       371580.04
3773001.54       12.24378
         371590.04    3773001.54       12.36928                       371600.04
3773001.54       11.83747
         371610.04    3773001.54       10.70039                       371619.72
3773004.76       10.29462
```

371629.72 3773004.76 8.67975 371639.72 3773004.76 7.48896
371649.72 3773004.76 6.80840 371659.72 3773004.76 6.21295
371619.72 3773014.76 14.46849 371629.72 3773014.76 12.36895
371639.72 3773014.76 11.19538 371649.72 3773014.76 10.57928
371659.72 3773014.76 9.38958 371619.72 3773020.25 17.53138
371629.72 3773020.25 15.43838 371639.72 3773020.25 14.58940
371649.72 3773020.25 13.72810 371659.72 3773020.25 12.09407
371678.38 3772888.96 0.81783 371688.38 3772888.96 0.77101
371698.38 3772888.96 0.72565 371708.38 3772888.96 0.68251
371718.38 3772888.96 0.64199 371678.38 3772898.96 0.89534
371688.38 3772898.96 0.83767 371698.38 3772898.96 0.78852
371708.38 3772898.96 0.74364 371718.38 3772898.96 0.70198
371678.38 3772918.96 1.09369 371688.38 3772918.96 1.01263
371698.38 3772918.96 0.95161 371708.38 3772918.96 0.89767
371718.38 3772918.96 0.84771 371678.38 3772928.96 1.22420
371688.38 3772928.96 1.14004 371698.38 3772928.96 1.07008
371708.38 3772928.96 1.01066 371718.38 3772928.96 0.95391
371678.38 3772938.96 1.38207 371688.38 3772938.96 1.29071
371698.38 3772938.96 1.20933 371708.38 3772938.96 1.13702
371718.38 3772938.96 1.07862 371678.38 3772948.96 1.57599
371688.38 3772948.96 1.47446 371698.38 3772948.96 1.38498
371708.38 3772948.96 1.30777 371718.38 3772948.96 1.24397
371678.38 3772958.96 1.82554 371688.38 3772958.96 1.71162
371698.38 3772958.96 1.60962 371708.38 3772958.96 1.52420
371718.38 3772958.96 1.45105 371678.38 3772968.96 2.16118

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371718.38	3772998.96	3.30292	371678.38	3773008.96	6.24289
371688.38	3773008.96	5.73721	371698.38	3773008.96	5.17665
371708.38	3773008.96	4.65441	371718.38	3773008.96	4.19605
371678.38	3773018.96	8.98203	371688.38	3773018.96	7.94460
371698.38	3773018.96	6.95310	371708.38	3773018.96	6.08909

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3772871.37        0.51158
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3772871.37        0.43056
        371734.81    3772911.37        0.72265                    371754.81
3772911.37        0.66757
        371774.81    3772911.37        0.61978                    371734.81
3772931.37        0.90677
        371754.81    3772931.37        0.83805                    371774.81
3772931.37        0.77686
        371734.81    3772951.37        1.20699                    371754.81
3772951.37        1.10899
        371774.81    3772951.37        1.01081                    371734.81
3772971.37        1.65594
        371754.81    3772971.37        1.49292                    371774.81
3772971.37        1.33901
        371734.81    3772991.37        2.45328                    371754.81
3772991.37        2.11347
        371774.81    3772991.37        1.81962                    371734.81
3773011.37        3.72403
        371754.81    3773011.37        3.03357                    371774.81
3773011.37        2.51259
        371799.03    3772785.46        0.23744                    371819.03
3772785.46        0.22323
        371839.03    3772785.46        0.21107                    371859.03
3772785.46        0.19903
        371879.03    3772785.46        0.18897                    371899.03
3772785.46        0.18255
        371919.03    3772785.46        0.17534                    371939.03
3772785.46        0.16887
        371799.03    3772805.46        0.26178                    371819.03
3772805.46        0.24619
        371839.03    3772805.46        0.23274                    371859.03
3772805.46        0.21954
        371879.03    3772805.46        0.21001                    371899.03
3772805.46        0.20499
        371919.03    3772805.46        0.19630                    371939.03
3772805.46        0.18895
        371799.03    3772825.46        0.29220                    371819.03
3772825.46        0.27521
        371839.03    3772825.46        0.26315                    371859.03
3772825.46        0.25069
        371879.03    3772825.46        0.23738                    371899.03
3772825.46        0.23062
        371919.03    3772825.46        0.22203                    371939.03
3772825.46        0.21261
        371799.03    3772845.46        0.33053                    371819.03
3772845.46        0.31260
        371839.03    3772845.46        0.29926                    371859.03
3772845.46        0.28617
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         371919.03    3772845.46        0.25218                      371939.03
3772845.46        0.24172
         371799.03    3772865.46        0.37998                      371819.03
3772865.46        0.36156
         371839.03    3772865.46        0.34414                      371859.03
3772865.46        0.32872
         371879.03    3772865.46        0.31459                      371899.03
3772865.46        0.30135
         371919.03    3772865.46        0.28802                      371939.03
3772865.46        0.27471
         371799.03    3772885.46        0.44763                      371819.03
3772885.46        0.42823
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3772885.46        0.38772
         371879.03    3772885.46        0.36927                      371899.03
3772885.46        0.35073
         371919.03    3772885.46        0.33335                      371939.03
3772885.46        0.31527
♠ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                   PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371799.03    3772905.46        0.54095                      371819.03
3772905.46        0.51789
         371839.03    3772905.46        0.48729                      371859.03
3772905.46        0.46235
         371879.03    3772905.46        0.43559                      371899.03
3772905.46        0.41166
         371919.03    3772905.46        0.38652                      371939.03
3772905.46        0.36552
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3772925.46        0.55205
        371879.03    3772925.46        0.51715                    371899.03
3772925.46        0.48308
        371919.03    3772925.46        0.44886                    371939.03
3772925.46        0.42104
        371799.03    3772945.46        0.85133                    371819.03
3772945.46        0.78732
        371839.03    3772945.46        0.72625                    371859.03
3772945.46        0.66715
        371879.03    3772945.46        0.61598                    371899.03
3772945.46        0.56879
        371919.03    3772945.46        0.52535                    371939.03
3772945.46        0.48725
        371799.03    3772965.46        1.09604                    371819.03
3772965.46        0.99003
        371839.03    3772965.46        0.89518                    371859.03
3772965.46        0.81047
        371879.03    3772965.46        0.73687                    371899.03
3772965.46        0.67358
        371919.03    3772965.46        0.61684                    371939.03
3772965.46        0.56687
        371799.03    3772985.46        1.42075                    371819.03
3772985.46        1.25236
        371839.03    3772985.46        1.10753                    371859.03
3772985.46        0.99218
        371879.03    3772985.46        0.88860                    371899.03
3772985.46        0.80015
        371919.03    3772985.46        0.72622                    371939.03
3772985.46        0.66276
        371799.03    3773005.46        1.86869                    371819.03
3773005.46        1.60443
        371839.03    3773005.46        1.39263                    371859.03
3773005.46        1.23078
        371879.03    3773005.46        1.08966                    371899.03
3773005.46        0.97274
        371919.03    3773005.46        0.86953                    371939.03
3773005.46        0.78256
        371437.18    3772897.50        0.93471                    371437.18
3772917.50        1.10116
        371437.18    3772937.50        1.28734                    371437.18
3772957.50        1.51701
        371457.18    3772897.50        1.02513                    371457.18
3772917.50        1.23627
        371457.18    3772937.50        1.47656                    371477.18
3772897.50        1.10083
        371477.18    3772917.50        1.35716                    371477.18
3772937.50        1.69085
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3772897.50        1.18005
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3772937.50        1.87866
         371517.18    3772877.50        0.99254                      371517.18
3772897.50        1.23427
         371517.18    3772917.50        1.57205                      371537.18
3772857.50        0.82104
         371537.18    3772877.50        1.01300                      371537.18
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3772857.50        0.83260
         371557.18    3772877.50        1.03198                      371557.18
3772897.50        1.31063
         371557.18    3772917.50        1.76221                      371577.18
3772837.50        0.67998
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3772877.50        1.02831
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3772837.50        0.67567
         371597.18    3772857.50        0.81863                      371597.18
3772877.50        1.00621
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3772817.50        0.54831
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3772857.50        0.78811
         371617.18    3772877.50        0.96172                      371617.18
3772897.50        1.23669
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371637.18 3772817.50 0.52721 371637.18
3772837.50 0.62168
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3772877.50 0.89911
371657.18 3772797.50 0.43063 371657.18
3772817.50 0.49788
371657.18 3772837.50 0.57768 371657.18
3772857.50 0.68632
371657.18 3772877.50 0.82427 371677.18
3772777.50 0.35547
371677.18 3772797.50 0.40502 371677.18
3772817.50 0.46526
371677.18 3772837.50 0.53700 371677.18
3772857.50 0.62354
371697.18 3772777.50 0.33483 371697.18
3772797.50 0.37631
371697.18 3772817.50 0.42442 371697.18
3772837.50 0.48422
371697.18 3772857.50 0.56285 371717.18
3772757.50 0.28221
371717.18 3772777.50 0.31175 371717.18
3772797.50 0.34556
371717.18 3772817.50 0.38884 371717.18
3772837.50 0.44298
371717.18 3772857.50 0.50715 371737.18
3772737.50 0.23771
371737.18 3772757.50 0.26184 371737.18
3772777.50 0.28839
371737.18 3772797.50 0.31960 371737.18
3772817.50 0.35617
371737.18 3772837.50 0.40104 371757.18
3772737.50 0.22261
371757.18 3772757.50 0.24306 371757.18
3772777.50 0.26727
371757.18 3772797.50 0.29475 371757.18
3772817.50 0.32642
371757.18 3772837.50 0.36680 371268.76
3772892.70 0.40897
371268.76 3772912.70 0.43385 371268.76
3772932.70 0.45666
371268.76 3772952.70 0.47442 371268.76
3772972.70 0.48508
371268.76 3772992.70 0.48751 371268.76
3773012.70 0.48487
371268.76 3773032.70 0.47204 371268.76
3773052.70 0.44974
371268.76 3773072.70 0.42380 371288.76
3772772.70 0.26782
371288.76 3772792.70 0.29408 371288.76
3772812.70 0.32232

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3772852.70        0.38480
         371288.76    3772912.70        0.48081                      371288.76
3772932.70        0.50868
         371288.76    3772952.70        0.53147                      371288.76
3772972.70        0.54749
         371288.76    3772992.70        0.55185                      371288.76
3773012.70        0.55261
         371288.76    3773032.70        0.53849                      371288.76
3773052.70        0.51079
         371288.76    3773072.70        0.48391                      371308.76
3772712.70        0.21082
         371308.76    3772732.70        0.23173                      371308.76
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         371308.76    3772772.70        0.28078                      371308.76
3772792.70        0.30919
         371308.76    3772812.70        0.33765                      371308.76
3772832.70        0.37928
         371308.76    3772852.70        0.41554                      371308.76
3772912.70        0.53106
         371308.76    3772932.70        0.56859                      371308.76
3772952.70        0.59897
         371308.76    3772972.70        0.62245                      371308.76
3772992.70        0.63535
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3773072.70        0.55477
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         371328.76    3772792.70        0.32677                    371328.76
3772812.70        0.36233
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3772852.70        0.44698
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3772712.70        0.22607
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3772792.70        0.34276
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3772832.70        0.42957
         371348.76    3772852.70        0.48143                    371348.76
3772872.70        0.53490
         371348.76    3772892.70        0.59519                    371348.76
3772952.70        0.77231
         371348.76    3772972.70        0.81573                    371348.76
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         371348.76    3773012.70        0.86331                    371348.76
3773032.70        0.84981
         371348.76    3773052.70        0.82092                    371348.76
3773072.70        0.76317
         371368.76    3772712.70        0.23294                    371368.76
3772732.70        0.25795
         371368.76    3772752.70        0.28677                    371368.76
3772772.70        0.31972
         371368.76    3772792.70        0.35947                    371368.76
3772812.70        0.40529
         371368.76    3772832.70        0.45803                    371368.76
3772852.70        0.51683
         371368.76    3772872.70        0.58511                    371368.76
3772892.70        0.65385
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3772992.70        0.99479
         371368.76    3773012.70        1.01985                    371368.76
3773032.70        1.01785
         371388.76    3772712.70        0.23877                    371388.76
3772732.70        0.26504
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3772772.70        0.33294
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3772812.70        0.42609
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3772852.70        0.55362
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3772892.70        0.72151
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3772992.70        1.18023
         371388.76    3773012.70        1.22059                      371408.76
3772712.70        0.24514
         371408.76    3772732.70        0.27232                      371408.76
3772752.70        0.30671
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3772872.70        0.68591
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3772712.70        0.25220
         371428.76    3772732.70        0.28106                      371428.76
3772752.70        0.31702
         371428.76    3772772.70        0.35791                      371428.76
3772792.70        0.40714
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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3772832.70        0.54048
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3772872.70 0.73750
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3772772.70 0.36716
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371468.76 3772752.70 0.33217 371468.76
3772772.70 0.37900
371468.76 3772792.70 0.43602 371468.76
3772812.70 0.51198
371468.76 3772832.70 0.59828 371468.76
3772852.70 0.70421
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3772732.70 0.30108
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3772772.70 0.38849
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3772812.70 0.53006
371488.76 3772832.70 0.62146 371488.76
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3772772.70 0.39631
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371508.76 3772832.70 0.63670 371528.76
3772712.70 0.27690
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3772792.70 0.46747
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3772832.70 0.64900
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3772772.70 0.40649
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3772812.70 0.54786
371548.76 3772832.70 0.65112 371568.76
3772712.70 0.27824
371568.76 3772732.70 0.31370 371568.76
3772752.70 0.35740

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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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3773312.21        0.14435
         371281.97    3773332.21        0.12895                    371281.97
3773352.21        0.12091
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3773352.21        0.13539
         371321.97    3773372.21        0.12522                    371341.97
3773112.21        0.60615
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3773272.21        0.23183
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3773112.21        0.95177
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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3773232.21 0.38120
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371461.97 3773252.21 0.37516 371461.97
3773272.21 0.33254

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         371461.97    3773372.21        0.19552                      371481.97
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3773252.21        0.41302
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3773312.21        0.42316
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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371541.97	3773312.21	0.47740	371541.97	3773332.21	0.41242
371541.97	3773352.21	0.36111	371541.97	3773372.21	0.32502
371561.97	3773172.21	1.76843	371561.97	3773192.21	1.42878
371561.97	3773212.21	1.19620	371561.97	3773232.21	1.02893
371561.97	3773252.21	0.89382	371581.97	3773152.21	3.98164
371581.97	3773172.21	2.55357	371581.97	3773192.21	2.01363
371581.97	3773212.21	1.64039	371581.97	3773232.21	1.34644
371581.97	3773252.21	1.14331	371581.97	3773352.21	0.50270
371581.97	3773372.21	0.44271	371601.97	3773132.21	11.43808
371601.97	3773152.21	7.15022	371601.97	3773172.21	4.73205
371601.97	3773192.21	3.38140	371601.97	3773212.21	2.46315
371601.97	3773232.21	1.91785	371601.97	3773292.21	1.00195
371601.97	3773312.21	0.83827	371601.97	3773332.21	0.70283
371601.97	3773352.21	0.60164	371601.97	3773372.21	0.51653
371621.97	3773132.21	21.07009	371621.97	3773152.21	12.03628
371621.97	3773172.21	7.38272	371621.97	3773192.21	4.99985
371621.97	3773212.21	3.62578	371621.97	3773232.21	2.60456
371621.97	3773272.21	1.57483	371621.97	3773292.21	1.30096

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3773372.21        0.59688
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3773192.21        7.26050
         371641.97    3773212.21        4.96222                        371641.97
3773232.21        3.64127
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3773272.21        2.08381
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3773272.21        2.64350
         371661.97    3773292.21        1.95823                        371661.97
3773312.21        1.40242
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3773352.21        0.91177
         371661.97    3773372.21        0.74915                        371681.97
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         371681.97    3773152.21       30.20882                        371681.97
3773172.21       19.49657
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3773212.21        8.73874
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                  INCLUDING SOURCE(S):     CONSTR      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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371681.97	3773352.21	1.09322	371681.97	3773372.21	0.89624
371701.97	3773132.21	38.60498	371701.97	3773152.21	30.22573
371701.97	3773172.21	21.62295	371701.97	3773192.21	15.05897
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371721.97	3773232.21	8.33831	371721.97	3773252.21	6.06824
371721.97	3773272.21	4.56949	371721.97	3773292.21	3.43835
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371741.97	3773172.21	20.26443	371741.97	3773192.21	16.32531
371741.97	3773212.21	12.66417	371741.97	3773232.21	8.74913
371741.97	3773252.21	6.65323	371741.97	3773272.21	4.83699
371741.97	3773292.21	3.66073	371741.97	3773312.21	2.76702
371741.97	3773332.21	2.14306	371741.97	3773352.21	1.73411

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3773172.21       17.89220
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3773232.21        9.07501
         371761.97    3773252.21        7.17128                        371761.97
3773272.21        5.42616
         371761.97    3773292.21        3.77198                        371761.97
3773312.21        2.93216
         371761.97    3773332.21        2.32037                        371761.97
3773352.21        1.89232
         371761.97    3773372.21        1.55112                        371781.97
3773132.21       14.38621
         371781.97    3773152.21       15.23362                        371781.97
3773212.21       11.76800
         371781.97    3773232.21        9.67301                        371781.97
3773252.21        7.48585
         371781.97    3773272.21        5.61717                        371781.97
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3773332.21        2.46200
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3773372.21        1.60949
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3773372.21        1.73508
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371821.97	3773132.21	8.71123	371821.97	3773152.21	9.74772
371821.97	3773192.21	10.50131	371821.97	3773212.21	9.92438
371821.97	3773232.21	8.30462	371821.97	3773252.21	6.59123
371821.97	3773272.21	5.18031	371821.97	3773292.21	4.17290
371821.97	3773312.21	3.38553	371821.97	3773332.21	2.77462
371821.97	3773352.21	2.24001	371821.97	3773372.21	1.88292
371841.97	3773132.21	6.89966	371841.97	3773152.21	7.85066
371841.97	3773192.21	8.94841	371841.97	3773212.21	8.65486
371841.97	3773232.21	7.45916	371841.97	3773252.21	5.99982
371841.97	3773272.21	4.95407	371841.97	3773292.21	4.23043
371841.97	3773312.21	3.51221	371841.97	3773332.21	2.95958
371841.97	3773352.21	2.58863	371841.97	3773372.21	2.20604
371861.97	3773132.21	5.54887	371861.97	3773152.21	6.36331
371861.97	3773192.21	7.59245	371861.97	3773212.21	7.54011
371861.97	3773232.21	6.54132	371861.97	3773252.21	5.57667
371861.97	3773272.21	4.85645	371861.97	3773292.21	4.30139
371861.97	3773312.21	3.81072	371861.97	3773332.21	3.40935
371861.97	3773352.21	3.04878	371861.97	3773372.21	2.56132
371881.97	3773132.21	4.51777	371881.97	3773152.21	5.22632
371881.97	3773192.21	6.39427	371881.97	3773212.21	6.53726
371881.97	3773232.21	5.95617	371881.97	3773252.21	5.61124

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002
, HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010
, HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018
, HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026
, HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371629.72	3772904.76	1.59528	371639.72	3772904.76	1.63156
371649.72	3772904.76	1.66802	371659.72	3772904.76	1.69041
371599.72	3772914.76	1.60663	371609.72	3772914.76	1.65725
371619.72	3772914.76	1.70627	371629.72		

3772914.76 1.75630
371639.72 3772914.76 1.79738 371649.72
3772914.76 1.83183
371659.72 3772914.76 1.85996 371569.72
3772924.76 1.56204
371579.72 3772924.76 1.63238 371589.72
3772924.76 1.70090
371599.72 3772924.76 1.76970 371609.72
3772924.76 1.82384
371619.72 3772924.76 1.87809 371629.72
3772924.76 1.94246
371639.72 3772924.76 1.98644 371649.72
3772924.76 2.02478
371659.72 3772924.76 2.05682 371569.72
3772934.76 1.70864
371579.72 3772934.76 1.79531 371589.72
3772934.76 1.88233
371599.72 3772934.76 1.95657 371609.72
3772934.76 2.01622
371619.72 3772934.76 2.07939 371629.72
3772934.76 2.15577
371639.72 3772934.76 2.21335 371649.72
3772934.76 2.26023
371659.72 3772934.76 2.28884 371569.72
3772944.76 1.88087
371579.72 3772944.76 1.98592 371589.72
3772944.76 2.08408
371599.72 3772944.76 2.17061 371609.72
3772944.76 2.25203
371619.72 3772944.76 2.33667 371629.72
3772944.76 2.40975
371639.72 3772944.76 2.47158 371649.72
3772944.76 2.52247
371659.72 3772944.76 2.56028 371569.72
3772954.76 2.08598
371579.72 3772954.76 2.21297 371589.72
3772954.76 2.33179
371599.72 3772954.76 2.43858 371609.72
3772954.76 2.53690
371619.72 3772954.76 2.63694 371629.72
3772954.76 2.71791
371639.72 3772954.76 2.79073 371649.72
3772954.76 2.84860
371659.72 3772954.76 2.88314 371569.72
3772964.76 2.33129
371579.72 3772964.76 2.48991 371589.72
3772964.76 2.64400
371599.72 3772964.76 2.77469 371609.72
3772964.76 2.89532
371619.72 3772964.76 3.01209 371629.72

3772964.76   3.10015
         371639.72   3772964.76   3.17580   371649.72
3772964.76   3.24029
         371659.72   3772964.76   3.27495   371569.72
3772970.33   2.48953
         371579.72   3772970.33   2.66769   371589.72
3772970.33   2.83879
         371599.72   3772970.33   2.99115   371609.72
3772970.33   3.13623
         371619.72   3772974.76   3.47378   371629.72
3772974.76   3.56603
         371639.72   3772974.76   3.63903   371649.72
3772974.76   3.70061
         371659.72   3772974.76   3.75353   371619.72
3772984.76   4.04161
         371629.72   3772984.76   4.13734   371639.72
3772984.76   4.21158
         371649.72   3772984.76   4.27279   371659.72
3772984.76   4.34341
         371569.87   3772991.40   3.29530   371579.87
3772991.40   3.61661
         371589.87   3772991.40   3.91599   371599.87
3772991.40   4.18211

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -
- -
371609.87 3772991.40 4.39481 371619.72
3772994.76 4.81856
371629.72 3772994.76 4.90688 371639.72
3772994.76 4.97048
371649.72 3772994.76 5.02860 371659.72
3772994.76 5.09380
371570.04 3773001.54 3.85498 371580.04
3773001.54 4.29696
371590.04 3773001.54 4.72663 371600.04
3773001.54 5.09792
371610.04 3773001.54 5.36370 371619.72
3773004.76 5.89429
371629.72 3773004.76 5.95989 371639.72
3773004.76 5.99627
371649.72 3773004.76 6.07614 371659.72
3773004.76 6.06655
371619.72 3773014.76 7.38516 371629.72
3773014.76 7.41138
371639.72 3773014.76 7.42293 371649.72
3773014.76 7.48510
371659.72 3773014.76 7.35049 371619.72
3773020.25 8.52356
371629.72 3773020.25 8.40512 371639.72
3773020.25 8.31477
371649.72 3773020.25 8.30391 371659.72
3773020.25 8.21783
371678.38 3772888.96 1.50614 371688.38
3772888.96 1.52630
371698.38 3772888.96 1.54054 371708.38
3772888.96 1.54844
371718.38 3772888.96 1.54952 371678.38
3772898.96 1.64374
371688.38 3772898.96 1.66017 371698.38
3772898.96 1.67907
371708.38 3772898.96 1.69331 371718.38
3772898.96 1.70047
371678.38 3772918.96 1.98819 371688.38
3772918.96 2.00064
371698.38 3772918.96 2.02567 371708.38
3772918.96 2.04472
371718.38 3772918.96 2.05248 371678.38
3772928.96 2.20692
371688.38 3772928.96 2.23432 371698.38
3772928.96 2.26094
371708.38 3772928.96 2.28326 371718.38
3772928.96 2.28859
371678.38 3772938.96 2.46246 371688.38
3772938.96 2.49975

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         371698.38    3772938.96        2.52442                        371708.38
3772938.96        2.53634
         371718.38    3772938.96        2.54781                        371678.38
3772948.96        2.76121
         371688.38    3772948.96        2.80460                        371698.38
3772948.96        2.83261
         371708.38    3772948.96        2.84924                        371718.38
3772948.96        2.86236
         371678.38    3772958.96        3.11773                        371688.38
3772958.96        3.16439
         371698.38    3772958.96        3.18936                        371708.38
3772958.96        3.20629
         371718.38    3772958.96        3.21761                        371678.38
3772968.96        3.54815
         371688.38    3772968.96        3.59851                        371698.38
3772968.96        3.62523
         371708.38    3772968.96        3.64272                        371718.38
3772968.96        3.65917
         371678.38    3772978.96        4.07488                        371688.38
3772978.96        4.13376
         371698.38    3772978.96        4.16645                        371708.38
3772978.96        4.18379
         371718.38    3772978.96        4.20382                        371678.38
3772988.96        4.73140
         371688.38    3772988.96        4.81000                        371698.38
3772988.96        4.82754
         371708.38    3772988.96        4.82804                        371718.38
3772988.96        4.85207
         371678.38    3772998.96        5.56016                        371688.38
3772998.96        5.64958
         371698.38    3772998.96        5.66806                        371708.38
3772998.96        5.69372
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371718.38	3772998.96	5.73753	371678.38	3773008.96	6.63896
371688.38	3773008.96	6.74640	371698.38	3773008.96	6.79183
371708.38	3773008.96	6.82419	371718.38	3773008.96	6.86599
371678.38	3773018.96	8.06994	371688.38	3773018.96	8.19534
371698.38	3773018.96	8.25925	371708.38	3773018.96	8.30165
371718.38	3773018.96	8.34115	371734.81	3772871.37	1.33388
371754.81	3772871.37	1.33580	371774.81	3772871.37	1.31947
371734.81	3772911.37	1.91198	371754.81	3772911.37	1.91807
371774.81	3772911.37	1.89656	371734.81	3772931.37	2.35243
371754.81	3772931.37	2.34963	371774.81	3772931.37	2.31907
371734.81	3772951.37	2.97164	371754.81	3772951.37	2.96321
371774.81	3772951.37	2.91123	371734.81	3772971.37	3.75853
371754.81	3772971.37	3.75953	371774.81	3772971.37	3.73416
371734.81	3772991.37	5.07624	371754.81	3772991.37	5.07825
371774.81	3772991.37	5.03222	371734.81	3773011.37	7.20997
371754.81	3773011.37	7.19251	371774.81	3773011.37	7.15717
371799.03	3772785.46	0.71129	371819.03	3772785.46	0.70216
371839.03	3772785.46	0.68959	371859.03	3772785.46	0.66827
371879.03	3772785.46	0.64540	371899.03	3772785.46	0.62817
371919.03	3772785.46	0.60294	371939.03		

3772785.46   0.57586
         371799.03   3772805.46   0.80474   371819.03
3772805.46   0.79322
         371839.03   3772805.46   0.77659   371859.03
3772805.46   0.75005
         371879.03   3772805.46   0.72685   371899.03
3772805.46   0.71231
         371919.03   3772805.46   0.67868   371939.03
3772805.46   0.64524
         371799.03   3772825.46   0.91981   371819.03
3772825.46   0.90558
         371839.03   3772825.46   0.89369   371859.03
3772825.46   0.86847
         371879.03   3772825.46   0.82953   371899.03
3772825.46   0.80629
         371919.03   3772825.46   0.76981   371939.03
3772825.46   0.72520
         371799.03   3772845.46   1.06150   371819.03
3772845.46   1.04577
         371839.03   3772845.46   1.02956   371859.03
3772845.46   1.00076
         371879.03   3772845.46   0.95586   371899.03
3772845.46   0.92254
         371919.03   3772845.46   0.87452   371939.03
3772845.46   0.82270
         371799.03   3772865.46   1.23735   371819.03
3772865.46   1.22190
         371839.03   3772865.46   1.19178   371859.03
3772865.46   1.15392
         371879.03   3772865.46   1.10885   371899.03
3772865.46   1.05762
         371919.03   3772865.46   0.99826   371939.03
3772865.46   0.93307
         371799.03   3772885.46   1.46479   371819.03
3772885.46   1.45087
         371839.03   3772885.46   1.41116   371859.03
3772885.46   1.36327
         371879.03   3772885.46   1.30530   371899.03
3772885.46   1.23536
         371919.03   3772885.46   1.16037   371939.03
3772885.46   1.07435

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002
, HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010
, HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018
, HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026
, HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371799.03	3772905.46	1.75919	371819.03	3772905.46	1.74625
371839.03	3772905.46	1.68573	371859.03	3772905.46	1.63029
371879.03	3772905.46	1.54988	371899.03	3772905.46	1.46623
371919.03	3772905.46	1.36175	371939.03	3772905.46	1.26402
371799.03	3772925.46	2.15111	371819.03	3772925.46	2.11608
371839.03	3772925.46	2.05146	371859.03	3772925.46	1.96271
371879.03	3772925.46	1.87320	371899.03	3772925.46	1.76147
371919.03	3772925.46	1.62256	371939.03	3772925.46	1.49596
371799.03	3772945.46	2.67963	371819.03	3772945.46	2.62741
371839.03	3772945.46	2.54982	371859.03	3772945.46	2.43560
371879.03	3772945.46	2.31405	371899.03	3772945.46	2.16693
371919.03	3772945.46	1.99574	371939.03	3772945.46	1.81637
371799.03	3772965.46	3.43355	371819.03	3772965.46	3.36058
371839.03	3772965.46	3.25680	371859.03	3772965.46	3.11596
371879.03	3772965.46	2.94934	371899.03	3772965.46	2.76167

371919.03 3772965.46 2.53448 371939.03
3772965.46 2.28328
371799.03 3772985.46 4.53831 371819.03
3772985.46 4.44471
371839.03 3772985.46 4.29496 371859.03
3772985.46 4.16060
371879.03 3772985.46 3.93157 371899.03
3772985.46 3.65384
371919.03 3772985.46 3.34768 371939.03
3772985.46 2.99691
371799.03 3773005.46 6.31065 371819.03
3773005.46 6.17930
371839.03 3773005.46 6.00772 371859.03
3773005.46 5.90851
371879.03 3773005.46 5.65292 371899.03
3773005.46 5.32898
371919.03 3773005.46 4.81774 371939.03
3773005.46 4.21536
371437.18 3772897.50 0.71909 371437.18
3772917.50 0.78233
371437.18 3772937.50 0.84742 371437.18
3772957.50 0.92909
371457.18 3772897.50 0.78616 371457.18
3772917.50 0.86569
371457.18 3772937.50 0.94596 371477.18
3772897.50 0.85065
371477.18 3772917.50 0.94725 371477.18
3772937.50 1.06025
371497.18 3772877.50 0.82433 371497.18
3772897.50 0.92605
371497.18 3772917.50 1.04260 371497.18
3772937.50 1.17161
371517.18 3772877.50 0.88908 371517.18
3772897.50 0.99835
371517.18 3772917.50 1.13080 371537.18
3772857.50 0.83988
371537.18 3772877.50 0.94847 371537.18
3772897.50 1.08095
371537.18 3772917.50 1.25350 371557.18
3772857.50 0.89431
371557.18 3772877.50 1.01843 371557.18
3772897.50 1.16931
371557.18 3772917.50 1.38404 371577.18
3772837.50 0.82820
371577.18 3772857.50 0.95001 371577.18
3772877.50 1.08394
371577.18 3772897.50 1.26204 371597.18
3772837.50 0.87390
371597.18 3772857.50 0.99934 371597.18
3772877.50 1.14835

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371597.18	3772897.50	1.35780	371617.18	3772817.50	0.79569
371617.18	3772837.50	0.90761	371617.18	3772857.50	1.04585
371617.18	3772877.50	1.20815	371617.18	3772897.50	1.44615
371637.18	3772817.50	0.82432	371637.18	3772837.50	0.94275
371637.18	3772857.50	1.07199	371637.18	3772877.50	1.26515
371657.18	3772797.50	0.74556	371657.18	3772817.50	0.84777
371657.18	3772837.50	0.96671	371657.18	3772857.50	1.12399
371657.18	3772877.50	1.31843	371677.18	3772777.50	0.67248
371677.18	3772797.50	0.76157	371677.18	3772817.50	0.86933
371677.18	3772837.50	0.99767	371677.18	3772857.50	1.15248
371697.18	3772777.50	0.68461	371697.18		

3772797.50 0.77246
371697.18 3772817.50 0.87602 371697.18
3772837.50 1.00558
371697.18 3772857.50 1.17555 371717.18
3772757.50 0.61849
371717.18 3772777.50 0.69091 371717.18
3772797.50 0.77591
371717.18 3772817.50 0.88514 371717.18
3772837.50 1.02318
371717.18 3772857.50 1.18996 371737.18
3772737.50 0.55278
371737.18 3772757.50 0.61794 371737.18
3772777.50 0.69245
371737.18 3772797.50 0.78214 371737.18
3772817.50 0.88984
371737.18 3772837.50 1.02351 371757.18
3772737.50 0.55292
371757.18 3772757.50 0.61602 371757.18
3772777.50 0.69229
371757.18 3772797.50 0.78171 371757.18
3772817.50 0.88740
371757.18 3772837.50 1.02139 371268.76
3772892.70 0.36632
371268.76 3772912.70 0.37989 371268.76
3772932.70 0.38887
371268.76 3772952.70 0.39131 371268.76
3772972.70 0.39079
371268.76 3772992.70 0.38627 371268.76
3773012.70 0.37840
371268.76 3773032.70 0.35343 371268.76
3773052.70 0.33547
371268.76 3773072.70 0.31907 371288.76
3772772.70 0.29321
371288.76 3772792.70 0.30952 371288.76
3772812.70 0.32611
371288.76 3772832.70 0.34355 371288.76
3772852.70 0.36087
371288.76 3772912.70 0.41057 371288.76
3772932.70 0.41821
371288.76 3772952.70 0.43003 371288.76
3772972.70 0.42873
371288.76 3772992.70 0.42288 371288.76
3773012.70 0.42814
371288.76 3773032.70 0.40932 371288.76
3773052.70 0.37049
371288.76 3773072.70 0.35870 371308.76
3772712.70 0.26076
371308.76 3772732.70 0.27589 371308.76
3772752.70 0.29193
371308.76 3772772.70 0.30827 371308.76

3772792.70   0.32542
         371308.76   3772812.70   0.34045   371308.76
3772832.70   0.36668
         371308.76   3772852.70   0.38545   371308.76
3772912.70   0.44279
         371308.76   3772932.70   0.45844   371308.76
3772952.70   0.46913
         371308.76   3772972.70   0.47586   371308.76
3772992.70   0.48096

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371308.76   3773012.70   0.48500   371308.76
3773032.70   0.47574
         371308.76   3773052.70   0.42233   371308.76
3773072.70   0.40201
         371328.76   3772712.70   0.27255   371328.76
3772732.70   0.28934
         371328.76   3772752.70   0.30649   371328.76
3772772.70   0.32519
         371328.76   3772792.70   0.34463   371328.76
3772812.70   0.36500
         371328.76   3772832.70   0.38725   371328.76
3772852.70   0.41067

371328.76 3772872.70 0.43386 371328.76
3772932.70 0.50295
371328.76 3772952.70 0.51726 371328.76
3772972.70 0.53230
371328.76 3772992.70 0.53751 371328.76
3773012.70 0.54774
371328.76 3773032.70 0.53112 371328.76
3773052.70 0.50153
371328.76 3773072.70 0.46303 371348.76
3772712.70 0.28523
371348.76 3772732.70 0.30258 371348.76
3772752.70 0.32078
371348.76 3772772.70 0.34217 371348.76
3772792.70 0.36300
371348.76 3772812.70 0.38853 371348.76
3772832.70 0.41194
371348.76 3772852.70 0.43897 371348.76
3772872.70 0.46427
371348.76 3772892.70 0.49286 371348.76
3772952.70 0.57393
371348.76 3772972.70 0.59575 371348.76
3772992.70 0.61041
371348.76 3773012.70 0.60794 371348.76
3773032.70 0.60049
371348.76 3773052.70 0.59184 371348.76
3773072.70 0.55783
371368.76 3772712.70 0.29736 371368.76
3772732.70 0.31620
371368.76 3772752.70 0.33653 371368.76
3772772.70 0.35814
371368.76 3772792.70 0.38317 371368.76
3772812.70 0.41006
371368.76 3772832.70 0.43900 371368.76
3772852.70 0.46881
371368.76 3772872.70 0.50220 371368.76
3772892.70 0.53222
371368.76 3772972.70 0.66197 371368.76
3772992.70 0.68169
371368.76 3773012.70 0.68603 371368.76
3773032.70 0.69451
371388.76 3772712.70 0.30879 371388.76
3772732.70 0.32911
371388.76 3772752.70 0.35193 371388.76
3772772.70 0.37702
371388.76 3772792.70 0.40240 371388.76
3772812.70 0.43386
371388.76 3772832.70 0.46753 371388.76
3772852.70 0.50111
371388.76 3772872.70 0.54220 371388.76
3772892.70 0.57832

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         371388.76    3772972.70        0.73902                       371388.76
3772992.70        0.76809
         371388.76    3773012.70        0.78308                       371408.76
3772712.70        0.32146
         371408.76    3772732.70        0.34301                       371408.76
3772752.70        0.36936
         371408.76    3772772.70        0.39533                       371408.76
3772792.70        0.42509
         371408.76    3772812.70        0.46023                       371408.76
3772832.70        0.49579
         371408.76    3772852.70        0.53866                       371408.76
3772872.70        0.58121
         371408.76    3772892.70        0.62671                       371428.76
3772712.70        0.33554
         371428.76    3772732.70        0.35935                       371428.76
3772752.70        0.38763
         371428.76    3772772.70        0.41689                       371428.76
3772792.70        0.44954
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         371428.76    3772812.70        0.48785                       371428.76
3772832.70        0.52781
         371428.76    3772852.70        0.57381                       371428.76
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371448.76 3772712.70 0.34758 371448.76
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3772772.70 0.43561
371448.76 3772792.70 0.47300 371448.76
3772812.70 0.51567
371448.76 3772832.70 0.56426 371448.76
3772852.70 0.61606
371468.76 3772712.70 0.36016 371468.76
3772732.70 0.38888
371468.76 3772752.70 0.42159 371468.76
3772772.70 0.45846
371468.76 3772792.70 0.49978 371468.76
3772812.70 0.55131
371468.76 3772832.70 0.60255 371468.76
3772852.70 0.65884
371488.76 3772712.70 0.37588 371488.76
3772732.70 0.40640
371488.76 3772752.70 0.44157 371488.76
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371488.76 3772792.70 0.52514 371488.76
3772812.70 0.58415
371488.76 3772832.70 0.64072 371488.76
3772852.70 0.70140
371508.76 3772712.70 0.39007 371508.76
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3772772.70 0.50268
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3772812.70 0.61625
371508.76 3772832.70 0.67678 371528.76
3772712.70 0.40374
371528.76 3772732.70 0.43925 371528.76
3772752.70 0.48102
371528.76 3772772.70 0.52587 371528.76
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371528.76 3772812.70 0.64537 371528.76
3772832.70 0.71501
371548.76 3772712.70 0.41617 371548.76
3772732.70 0.45507
371548.76 3772752.70 0.49740 371548.76
3772772.70 0.54717
371548.76 3772792.70 0.60433 371548.76
3772812.70 0.66981
371548.76 3772832.70 0.74927 371568.76
3772712.70 0.42746
371568.76 3772732.70 0.46846 371568.76
3772752.70 0.51661
371568.76 3772772.70 0.57291 371568.76

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3772792.70        0.63141
         371568.76    3772812.70        0.70189                        371588.76
3772712.70        0.44010
         371588.76    3772732.70        0.48228                        371588.76
3772752.70        0.53343
         371588.76    3772772.70        0.58923                        371588.76
3772792.70        0.65715
         371608.76    3772712.70        0.45070                        371608.76
3772732.70        0.49534
         371608.76    3772752.70        0.54909                        371608.76
3772772.70        0.60739
         371608.76    3772792.70        0.67576                        371628.76
3772712.70        0.46119
         371628.76    3772732.70        0.50775                        371628.76
3772752.70        0.56356
         371628.76    3772772.70        0.62501                        371648.76
3772712.70        0.46841
         371648.76    3772732.70        0.51628                        371648.76
3772752.70        0.57171
         371648.76    3772772.70        0.63633                        371668.76
3772712.70        0.47703
         371668.76    3772732.70        0.52593                        371668.76
3772752.70        0.58110
         371688.76    3772712.70        0.48423                        371688.76
3772732.70        0.53157
         371708.76    3772712.70        0.48610                        371281.97
3773112.21        0.31534
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CONSTR   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371281.97	3773132.21	0.29821	371281.97	3773152.21	0.27733
371281.97	3773172.21	0.25904	371281.97	3773192.21	0.23477
371281.97	3773212.21	0.21438	371281.97	3773232.21	0.20320
371281.97	3773252.21	0.18265	371281.97	3773272.21	0.15159
371281.97	3773292.21	0.13806	371281.97	3773312.21	0.12977
371281.97	3773332.21	0.11507	371281.97	3773352.21	0.10844
371281.97	3773372.21	0.10639	371301.97	3773112.21	0.35306
371301.97	3773132.21	0.33963	371301.97	3773152.21	0.30415
371301.97	3773172.21	0.28862	371301.97	3773192.21	0.26495
371301.97	3773212.21	0.23959	371301.97	3773232.21	0.22647
371301.97	3773252.21	0.19926	371301.97	3773272.21	0.17120
371301.97	3773292.21	0.14856	371301.97	3773312.21	0.13485
371301.97	3773332.21	0.12070	371301.97	3773352.21	0.11164
371301.97	3773372.21	0.10577	371321.97	3773112.21	0.40115
371321.97	3773132.21	0.38855	371321.97	3773152.21	0.34368
371321.97	3773172.21	0.32456	371321.97	3773192.21	0.29367
371321.97	3773212.21	0.26973	371321.97	3773232.21	0.24348
371321.97	3773252.21	0.22009	371321.97	3773272.21	0.19847
371321.97	3773292.21	0.16880	371321.97	3773312.21	0.14887
371321.97	3773332.21	0.13107	371321.97	3773352.21	0.11846
371321.97	3773372.21	0.11004	371341.97	3773112.21	0.45252
371341.97	3773132.21	0.42580	371341.97	3773152.21	0.38384

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         371341.97    3773172.21        0.34976                      371341.97
3773192.21        0.31735
         371341.97    3773212.21        0.28778                      371341.97
3773232.21        0.25960
         371341.97    3773252.21        0.22482                      371341.97
3773272.21        0.20098
         371341.97    3773292.21        0.18062                      371341.97
3773312.21        0.16461
         371341.97    3773332.21        0.14544                      371341.97
3773352.21        0.12923
         371341.97    3773372.21        0.11810                      371361.97
3773112.21        0.49664
         371361.97    3773132.21        0.45808                      371361.97
3773152.21        0.41703
         371361.97    3773172.21        0.37769                      371361.97
3773192.21        0.33796
         371361.97    3773212.21        0.30700                      371361.97
3773232.21        0.27841
         371361.97    3773292.21        0.19629                      371361.97
3773312.21        0.17924
         371361.97    3773332.21        0.16001                      371361.97
3773352.21        0.14492
         371361.97    3773372.21        0.12924                      371381.97
3773112.21        0.56765
         371381.97    3773132.21        0.49963                      371381.97
3773152.21        0.46024
         371381.97    3773172.21        0.41161                      371381.97
3773192.21        0.37022
         371381.97    3773212.21        0.33259                      371381.97
3773232.21        0.30167
         371381.97    3773252.21        0.26716                      371381.97
3773272.21        0.23864
         371381.97    3773292.21        0.21955                      371381.97
3773352.21        0.16568
         371381.97    3773372.21        0.15101                      371401.97
3773112.21        0.64546
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
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HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018
, HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026
, HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371401.97	3773132.21	0.55137	371401.97	3773152.21	0.49454
371401.97	3773172.21	0.42548	371401.97	3773192.21	0.39122
371401.97	3773212.21	0.34868	371401.97	3773232.21	0.31036
371401.97	3773252.21	0.28669	371401.97	3773272.21	0.25733
371401.97	3773292.21	0.23583	371401.97	3773312.21	0.21127
371401.97	3773332.21	0.19254	371401.97	3773352.21	0.17691
371401.97	3773372.21	0.16325	371421.97	3773112.21	0.73994
371421.97	3773132.21	0.63250	371421.97	3773152.21	0.56855
371421.97	3773172.21	0.49604	371421.97	3773192.21	0.43446
371421.97	3773212.21	0.37070	371421.97	3773232.21	0.34052
371421.97	3773252.21	0.29349	371421.97	3773272.21	0.26635
371421.97	3773292.21	0.24434	371421.97	3773312.21	0.22657
371421.97	3773332.21	0.20501	371421.97	3773352.21	0.18757
371421.97	3773372.21	0.17251	371441.97	3773112.21	0.90226
371441.97	3773132.21	0.77324	371441.97	3773152.21	0.65973
371441.97	3773172.21	0.52973	371441.97	3773192.21	0.42489
371441.97	3773212.21	0.36414	371441.97	3773232.21	0.32653
371441.97	3773252.21	0.28315	371441.97		

3773272.21   0.25583
         371441.97   3773292.21   0.23840   371441.97
3773312.21   0.22346
         371441.97   3773332.21   0.20637   371441.97
3773352.21   0.18959
         371441.97   3773372.21   0.16979   371461.97
3773112.21   1.12740
         371461.97   3773132.21   0.97172   371461.97
3773152.21   0.79941
         371461.97   3773172.21   0.62070   371461.97
3773192.21   0.50498
         371461.97   3773252.21   0.29787   371461.97
3773272.21   0.27168
         371461.97   3773292.21   0.24751   371461.97
3773312.21   0.22866
         371461.97   3773332.21   0.20984   371461.97
3773352.21   0.19419
         371461.97   3773372.21   0.17871   371481.97
3773172.21   0.77621
         371481.97   3773192.21   0.67595   371481.97
3773252.21   0.32969
         371481.97   3773272.21   0.29748   371481.97
3773292.21   0.27390
         371481.97   3773312.21   0.25407   371481.97
3773332.21   0.23594
         371481.97   3773352.21   0.22010   371481.97
3773372.21   0.20364
         371501.97   3773172.21   0.87765   371501.97
3773192.21   0.71085
         371501.97   3773232.21   0.42980   371501.97
3773252.21   0.38283
         371501.97   3773272.21   0.36457   371501.97
3773292.21   0.34899
         371501.97   3773312.21   0.32703   371501.97
3773332.21   0.29284
         371501.97   3773352.21   0.26126   371501.97
3773372.21   0.23917
         371521.97   3773172.21   0.83526   371521.97
3773192.21   0.68942
         371521.97   3773212.21   0.57203   371521.97
3773232.21   0.50342
         371521.97   3773252.21   0.48344   371521.97
3773272.21   0.45099
         371521.97   3773292.21   0.40753   371521.97
3773312.21   0.36917

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371521.97	3773332.21	0.31922	371521.97	3773352.21	0.28455
371521.97	3773372.21	0.25586	371541.97	3773172.21	0.99189
371541.97	3773192.21	0.79815	371541.97	3773212.21	0.72007
371541.97	3773232.21	0.65016	371541.97	3773252.21	0.58919
371541.97	3773272.21	0.51690	371541.97	3773292.21	0.44441
371541.97	3773312.21	0.39690	371541.97	3773332.21	0.34563
371541.97	3773352.21	0.30497	371541.97	3773372.21	0.27684
371561.97	3773172.21	1.17758	371561.97	3773192.21	0.98120
371561.97	3773212.21	0.84471	371561.97	3773232.21	0.74512
371561.97	3773252.21	0.66135	371581.97	3773152.21	2.26444
371581.97	3773172.21	1.49443	371581.97	3773192.21	1.22214
371581.97	3773212.21	1.02871	371581.97	3773232.21	0.86837
371581.97	3773252.21	0.75679	371581.97	3773352.21	0.36200

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        371581.97    3773372.21        0.32292                    371601.97
3773132.21        5.04311
        371601.97    3773152.21        3.35795                    371601.97
3773172.21        2.34960
        371601.97    3773192.21        1.76414                    371601.97
3773212.21        1.34009
        371601.97    3773232.21        1.08448                    371601.97
3773292.21        0.61933
        371601.97    3773312.21        0.53051                    371601.97
3773332.21        0.45394
        371601.97    3773352.21        0.39590                    371601.97
3773372.21        0.34528
        371621.97    3773132.21        8.38802                    371621.97
3773152.21        4.90849
        371621.97    3773172.21        3.17165                    371621.97
3773192.21        2.27119
        371621.97    3773212.21        1.73535                    371621.97
3773232.21        1.30458
        371621.97    3773272.21        0.85372                    371621.97
3773292.21        0.72959
        371621.97    3773312.21        0.60087                    371621.97
3773332.21        0.51678
        371621.97    3773352.21        0.43208                    371621.97
3773372.21        0.36786
        371641.97    3773132.21       13.36425                    371641.97
3773152.21        7.26240
        371641.97    3773172.21        4.45903                    371641.97
3773192.21        3.02615
        371641.97    3773212.21        2.16789                    371641.97
3773232.21        1.66798
        371641.97    3773252.21        1.28224                    371641.97
3773272.21        1.03922
        371641.97    3773292.21        0.84425                    371641.97
3773312.21        0.63888
        371641.97    3773332.21        0.50612                    371641.97
3773352.21        0.44299
        371641.97    3773372.21        0.38556                    371661.97
3773132.21       17.36240
        371661.97    3773152.21       10.20000                    371661.97
3773172.21        6.19658
        371661.97    3773192.21        4.02137                    371661.97
3773212.21        2.75921
        371661.97    3773252.21        1.59802                    371661.97
3773272.21        1.24154
        371661.97    3773292.21        0.95421                    371661.97
3773312.21        0.70581
        371661.97    3773332.21        0.56911                    371661.97
3773352.21        0.48471
        371661.97    3773372.21        0.40718                    371681.97
3773132.21       19.82635
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371681.97	3773232.21	2.60625	371681.97	3773252.21	1.93540
371681.97	3773272.21	1.49424	371681.97	3773292.21	1.02618
371681.97	3773312.21	0.84811	371681.97	3773332.21	0.64894
371681.97	3773352.21	0.56069	371681.97	3773372.21	0.47128
371701.97	3773132.21	20.68818	371701.97	3773152.21	14.18877
371701.97	3773172.21	9.55731	371701.97	3773192.21	6.44096
371701.97	3773232.21	3.12705	371701.97	3773252.21	2.27631
371701.97	3773272.21	1.75844	371701.97	3773292.21	1.26904
371701.97	3773312.21	1.01730	371701.97		

3773332.21 0.80121
371701.97 3773352.21 0.65454 371701.97
3773372.21 0.54788
371721.97 3773132.21 21.18038 371721.97
3773152.21 14.78316
371721.97 3773172.21 10.74695 371721.97
3773192.21 7.43383
371721.97 3773232.21 3.66561 371721.97
3773252.21 2.67855
371721.97 3773272.21 2.04581 371721.97
3773292.21 1.57089
371721.97 3773312.21 1.18617 371721.97
3773332.21 0.90206
371721.97 3773352.21 0.75419 371721.97
3773372.21 0.62834
371741.97 3773132.21 22.13129 371741.97
3773152.21 15.14567
371741.97 3773172.21 11.34867 371741.97
3773192.21 8.27590
371741.97 3773212.21 6.05789 371741.97
3773232.21 4.03279
371741.97 3773252.21 3.03616 371741.97
3773272.21 2.21344
371741.97 3773292.21 1.69464 371741.97
3773312.21 1.30414
371741.97 3773332.21 1.03093 371741.97
3773352.21 0.85094
371741.97 3773372.21 0.72065 371761.97
3773132.21 21.34471
371761.97 3773152.21 15.35386 371761.97
3773172.21 11.72338
371761.97 3773212.21 6.43618 371761.97
3773232.21 4.46285
371761.97 3773252.21 3.43765 371761.97
3773272.21 2.57256
371761.97 3773292.21 1.80046 371761.97
3773312.21 1.41280
371761.97 3773332.21 1.13245 371761.97
3773352.21 0.93671
371761.97 3773372.21 0.78031 371781.97
3773132.21 21.22574
371781.97 3773152.21 15.46419 371781.97
3773212.21 6.80333
371781.97 3773232.21 5.18836 371781.97
3773252.21 3.82235
371781.97 3773272.21 2.79802 371781.97
3773292.21 1.99486
371781.97 3773312.21 1.54265 371781.97
3773332.21 1.23392
371781.97 3773352.21 0.99726 371781.97

3773372.21   0.82428
         371801.97   3773132.21   21.14127   371801.97
3773152.21   15.40513
         371801.97   3773192.21   9.25952   371801.97
3773212.21   7.09150
         371801.97   3773232.21   5.30691   371801.97
3773252.21   4.05074
         371801.97   3773272.21   2.87872   371801.97
3773292.21   2.18307
         371801.97   3773312.21   1.68667   371801.97
3773332.21   1.35226
         371801.97   3773352.21   1.08453   371801.97
3773372.21   0.90919

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371821.97   3773132.21   20.85551   371821.97
3773152.21   15.16515
         371821.97   3773192.21   9.24419   371821.97
3773212.21   7.38048
         371821.97   3773232.21   5.37624   371821.97
3773252.21   3.94200
         371821.97   3773272.21   2.96222   371821.97
3773292.21   2.31691

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         371821.97    3773312.21        1.84625                      371821.97
3773332.21        1.49870
         371821.97    3773352.21        1.20789                      371821.97
3773372.21        1.01532
         371841.97    3773132.21       20.83645                      371841.97
3773152.21       15.07754
         371841.97    3773192.21        9.24475                      371841.97
3773212.21        7.31424
         371841.97    3773232.21        5.38563                      371841.97
3773252.21        3.95072
         371841.97    3773272.21        3.07068                      371841.97
3773292.21        2.50731
         371841.97    3773312.21        2.02244                      371841.97
3773332.21        1.67143
         371841.97    3773352.21        1.43886                      371841.97
3773372.21        1.21780
         371861.97    3773132.21       20.36627                      371861.97
3773152.21       14.77742
         371861.97    3773192.21        9.25318                      371861.97
3773212.21        7.32580
         371861.97    3773232.21        5.31057                      371861.97
3773252.21        4.06882
         371861.97    3773272.21        3.27812                      371861.97
3773292.21        2.73691
         371861.97    3773312.21        2.31898                      371861.97
3773332.21        2.00306
         371861.97    3773352.21        1.74459                      371861.97
3773372.21        1.44951
         371881.97    3773132.21       20.02538                      371881.97
3773152.21       14.69586
         371881.97    3773192.21        9.12909                      371881.97
3773212.21        7.34105
         371881.97    3773232.21        5.48990                      371881.97
3773252.21        4.54848
         371881.97    3773272.21        3.96137                      371881.97
3773292.21        3.30058
         371881.97    3773312.21        2.80655                      371881.97
3773332.21        2.35994
         371881.97    3773352.21        1.98374                      371881.97
3773372.21        1.61352
         371901.97    3773132.21       20.01400                      371901.97
3773152.21       14.56680
         371901.97    3773212.21        7.38914                      371901.97
3773232.21        6.11758
         371901.97    3773252.21        5.11606                      371901.97
3773272.21        4.44122
         371901.97    3773292.21        3.71197                      371901.97
3773312.21        3.15068
1 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371629.72	3772904.76	12.05850	371639.72	3772904.76	11.02572
371649.72	3772904.76	10.05919	371659.72	3772904.76	9.07769
371599.72	3772914.76	17.05868	371609.72	3772914.76	15.93470
371619.72	3772914.76	14.72412	371629.72	3772914.76	13.51465
371639.72	3772914.76	12.26305	371649.72	3772914.76	11.05050
371659.72	3772914.76	9.91563	371569.72	3772924.76	21.82352
371579.72	3772924.76	21.40222	371589.72	3772924.76	20.63188
371599.72	3772924.76	19.59650	371609.72	3772924.76	18.16349
371619.72	3772924.76	16.65265	371629.72	3772924.76	15.24194
371639.72	3772924.76	13.68559	371649.72	3772924.76	12.21813
371659.72	3772924.76	10.87191	371569.72	3772934.76	25.12604
371579.72	3772934.76	24.80499	371589.72	3772934.76	24.04479
371599.72	3772934.76	22.69068	371609.72	3772934.76	20.87777
371619.72	3772934.76	19.00642	371629.72	3772934.76	17.26984
371639.72	3772934.76	15.41929	371649.72	3772934.76	13.65177

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         371659.72    3772934.76       11.97798                  371569.72
3772944.76       29.25586
         371579.72    3772944.76       29.06861                  371589.72
3772944.76       28.13679
         371599.72    3772944.76       26.48390                  371609.72
3772944.76       24.39141
         371619.72    3772944.76       22.14977                  371629.72
3772944.76       19.75298
         371639.72    3772944.76       17.39436                  371649.72
3772944.76       15.20433
         371659.72    3772944.76       13.23298                  371569.72
3772954.76       34.50023
         371579.72    3772954.76       34.52422                  371589.72
3772954.76       33.52472
         371599.72    3772954.76       31.55394                  371609.72
3772954.76       28.90850
         371619.72    3772954.76       26.00580                  371629.72
3772954.76       22.85720
         371639.72    3772954.76       19.86892                  371649.72
3772954.76       17.13250
         371659.72    3772954.76       14.67300                  371569.72
3772964.76       41.20515
         371579.72    3772964.76       41.68549                  371589.72
3772964.76       40.83251
         371599.72    3772964.76       38.39396                  371609.72
3772964.76       34.97822
         371619.72    3772964.76       31.08531                  371629.72
3772964.76       26.83124
         371639.72    3772964.76       22.85981                  371649.72
3772964.76       19.39181
         371659.72    3772964.76       16.34822                  371569.72
3772970.33       45.75635
         371579.72    3772970.33       46.57152                  371589.72
3772970.33       45.71895
         371599.72    3772970.33       43.09051                  371609.72
3772970.33       39.28722
         371619.72    3772974.76       37.69879                  371629.72
3772974.76       31.80587
         371639.72    3772974.76       26.41947                  371649.72
3772974.76       21.90931
         371659.72    3772974.76       18.27362                  371619.72
3772984.76       46.32539
         371629.72    3772984.76       38.03913                  371639.72
3772984.76       30.73316
         371649.72    3772984.76       24.87432                  371659.72
3772984.76       20.44452
         371569.87    3772991.40       70.97605                  371579.87
3772991.40       75.36129
         371589.87    3772991.40       75.64744                  371599.87
3772991.40       71.80873
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371609.87	3772991.40	64.26896	371619.72	3772994.76	58.82963
371629.72	3772994.76	46.59592	371639.72	3772994.76	36.29665
371649.72	3772994.76	28.55317	371659.72	3772994.76	22.89724
371570.04	3773001.54	89.76850	371580.04	3773001.54	97.97907
371590.04	3773001.54	100.19450	371600.04	3773001.54	95.87760
371610.04	3773001.54	85.30173	371619.72	3773004.76	76.89073
371629.72	3773004.76	58.14674	371639.72	3773004.76	43.30462
371649.72	3773004.76	33.23019	371659.72	3773004.76	25.52238
371619.72	3773014.76	100.72520	371629.72	3773014.76	72.20678
371639.72	3773014.76	51.68830	371649.72	3773014.76	38.36019
371659.72	3773014.76	27.99704	371619.72	3773020.25	114.15938
371629.72	3773020.25	79.02934	371639.72	3773020.25	55.14801
371649.72	3773020.25	39.75842	371659.72	3773020.25	29.06227
371678.38	3772888.96	6.73963	371688.38	3772888.96	6.18053

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        371698.38    3772888.96        5.65894                    371708.38
3772888.96        5.17567
        371718.38    3772888.96        4.72994                    371678.38
3772898.96        7.22570
        371688.38    3772898.96        6.56445                    371698.38
3772898.96        5.99533
        371708.38    3772898.96        5.47989                    371718.38
3772898.96        5.00743
        371678.38    3772918.96        8.38783                    371688.38
3772918.96        7.49553
        371698.38    3772918.96        6.78106                    371708.38
3772918.96        6.14572
        371718.38    3772918.96        5.56608                    371678.38
3772928.96        9.09039
        371688.38    3772928.96        8.12568                    371698.38
3772928.96        7.30146
        371708.38    3772928.96        6.58471                    371718.38
3772928.96        5.92472
        371678.38    3772938.96        9.87030                    371688.38
3772938.96        8.78693
        371698.38    3772938.96        7.82598                    371708.38
3772938.96        6.97728
        371718.38    3772938.96        6.26207                    371678.38
3772948.96       10.72375
        371688.38    3772948.96        9.47874                    371698.38
3772948.96        8.38520
        371708.38    3772948.96        7.43960                    371718.38
3772948.96        6.64036
        371678.38    3772958.96       11.67128                    371688.38
3772958.96       10.21986
        371698.38    3772958.96        8.95193                    371708.38
3772958.96        7.88564
        371718.38    3772958.96        6.98890                    371678.38
3772968.96       12.71638
        371688.38    3772968.96       11.02118                    371698.38
3772968.96        9.56908
        371708.38    3772968.96        8.36218                    371718.38
3772968.96        7.36856
        371678.38    3772978.96       13.85259                    371688.38
3772978.96       11.88345
        371698.38    3772978.96       10.22559                    371708.38
3772978.96        8.85342
        371718.38    3772978.96        7.74405                    371678.38
3772988.96       15.05645
        371688.38    3772988.96       12.79143                    371698.38
3772988.96       10.83616
        371708.38    3772988.96        9.25881                    371718.38
3772988.96        8.03876
        371678.38    3772998.96       16.23616                    371688.38
3772998.96       13.59712
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371718.38	3772998.96	8.36009	371678.38	3773008.96	17.29628
371688.38	3773008.96	14.28608	371698.38	3773008.96	11.87908
371708.38	3773008.96	10.01791	371718.38	3773008.96	8.57899
371678.38	3773018.96	18.10081	371688.38	3773018.96	14.76317
371698.38	3773018.96	12.18599	371708.38	3773018.96	10.21681
371718.38	3773018.96	8.69854	371734.81	3772871.37	3.78384
371754.81	3772871.37	3.27602	371774.81	3772871.37	2.83903
371734.81	3772911.37	4.60045	371754.81	3772911.37	3.90155
371774.81	3772911.37	3.32265	371734.81	3772931.37	5.09703
371754.81	3772931.37	4.24488	371774.81	3772931.37	3.56765
371734.81	3772951.37	5.66131	371754.81	3772951.37	4.62656
371774.81	3772951.37	3.81884	371734.81	3772971.37	6.07342
371754.81	3772971.37	4.88966	371774.81	3772971.37	4.01403

```
        371734.81    3772991.37        6.54555                    371754.81
3772991.37        5.16622
        371774.81    3772991.37        4.17384                    371734.81
3773011.37        6.81274
        371754.81    3773011.37        5.29436                    371774.81
3773011.37        4.24808
        371799.03    3772785.46        1.84510                    371819.03
3772785.46        1.67637
        371839.03    3772785.46        1.52875                    371859.03
3772785.46        1.38807
        371879.03    3772785.46        1.26711                    371899.03
3772785.46        1.17512
        371919.03    3772785.46        1.08376                    371939.03
3772785.46        1.00232
        371799.03    3772805.46        1.95968                    371819.03
3772805.46        1.77170
        371839.03    3772805.46        1.60671                    371859.03
3772805.46        1.45193
        371879.03    3772805.46        1.32868                    371899.03
3772805.46        1.23897
        371919.03    3772805.46        1.13546                    371939.03
3772805.46        1.04681
        371799.03    3772825.46        2.08865                    371819.03
3772825.46        1.87912
        371839.03    3772825.46        1.71192                    371859.03
3772825.46        1.55281
        371879.03    3772825.46        1.40065                    371899.03
3772825.46        1.29504
        371919.03    3772825.46        1.18928                    371939.03
3772825.46        1.08905
        371799.03    3772845.46        2.22977                    371819.03
3772845.46        1.99898
        371839.03    3772845.46        1.81062                    371859.03
3772845.46        1.63865
        371879.03    3772845.46        1.47650                    371899.03
3772845.46        1.35520
        371919.03    3772845.46        1.23740                    371939.03
3772845.46        1.13315
        371799.03    3772865.46        2.38157                    371819.03
3772865.46        2.12932
        371839.03    3772865.46        1.90543                    371859.03
3772865.46        1.71413
        371879.03    3772865.46        1.54954                    371899.03
3772865.46        1.40734
        371919.03    3772865.46        1.28093                    371939.03
3772865.46        1.16850
        371799.03    3772885.46        2.55211                    371819.03
3772885.46        2.27402
        371839.03    3772885.46        2.02047                    371859.03
3772885.46        1.80757
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371799.03	3772905.46	2.73205	371819.03	3772905.46	2.42055
371839.03	3772905.46	2.12634	371859.03	3772905.46	1.89524
371879.03	3772905.46	1.69041	371899.03	3772905.46	1.52148
371919.03	3772905.46	1.36934	371939.03	3772905.46	1.24623
371799.03	3772925.46	2.91654	371819.03	3772925.46	2.54405
371839.03	3772925.46	2.22777	371859.03	3772925.46	1.96139
371879.03	3772925.46	1.74806	371899.03	3772925.46	1.56453
371919.03	3772925.46	1.40160	371939.03	3772925.46	1.27225
371799.03	3772945.46	3.08499	371819.03	3772945.46	2.65971
371839.03	3772945.46	2.31404	371859.03	3772945.46	2.02494
371879.03	3772945.46	1.79325	371899.03	3772945.46	1.59849
371919.03	3772945.46	1.43262	371939.03	3772945.46	1.29402

371799.03 3772965.46 3.22795 371819.03
3772965.46 2.75359
371839.03 3772965.46 2.37671 371859.03
3772965.46 2.07146
371879.03 3772965.46 1.82451 371899.03
3772965.46 1.62355
371919.03 3772965.46 1.45352 371939.03
3772965.46 1.31035
371799.03 3772985.46 3.31548 371819.03
3772985.46 2.80694
371839.03 3772985.46 2.40533 371859.03
3772985.46 2.09919
371879.03 3772985.46 1.84199 371899.03
3772985.46 1.63139
371919.03 3772985.46 1.46034 371939.03
3772985.46 1.31746
371799.03 3773005.46 3.35305 371819.03
3773005.46 2.82234
371839.03 3773005.46 2.41450 371859.03
3773005.46 2.10936
371879.03 3773005.46 1.85360 371899.03
3773005.46 1.64612
371919.03 3773005.46 1.46735 371939.03
3773005.46 1.31851
371437.18 3772897.50 10.55433 371437.18
3772917.50 11.41538
371437.18 3772937.50 12.09516 371437.18
3772957.50 12.92424
371457.18 3772897.50 11.83100 371457.18
3772917.50 13.14892
371457.18 3772937.50 14.22328 371477.18
3772897.50 12.89618
371477.18 3772917.50 14.71277 371477.18
3772937.50 16.73311
371497.18 3772877.50 11.93474 371497.18
3772897.50 14.02101
371497.18 3772917.50 16.43468 371497.18
3772937.50 19.00633
371517.18 3772877.50 12.47641 371517.18
3772897.50 14.75839
371517.18 3772917.50 17.64629 371537.18
3772857.50 10.50905
371537.18 3772877.50 12.57527 371537.18
3772897.50 15.29279
371537.18 3772917.50 19.09925 371557.18
3772857.50 10.31025
371557.18 3772877.50 12.47853 371557.18
3772897.50 15.37029
371557.18 3772917.50 19.85146 371577.18
3772837.50 8.16551

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371597.18	3772897.50	13.81684	371617.18	3772817.50	5.93572
371617.18	3772837.50	6.92907	371617.18	3772857.50	8.21279
371617.18	3772877.50	9.80340	371617.18	3772897.50	12.27476
371637.18	3772817.50	5.37949	371637.18	3772837.50	6.21230
371637.18	3772857.50	7.13349	371637.18	3772877.50	8.55419
371657.18	3772797.50	4.24998	371657.18	3772817.50	4.81154
371657.18	3772837.50	5.45621	371657.18	3772857.50	6.31416
371657.18	3772877.50	7.36225	371677.18	3772777.50	3.41835
371677.18	3772797.50	3.81538	371677.18	3772817.50	4.28433
371677.18	3772837.50	4.82291	371677.18	3772857.50	5.44539
371697.18	3772777.50	3.09366	371697.18	3772797.50	3.40298

371697.18 3772817.50 3.74844 371697.18
3772837.50 4.16375
371697.18 3772857.50 4.69052 371717.18
3772757.50 2.56862
371717.18 3772777.50 2.78053 371717.18
3772797.50 3.01399
371717.18 3772817.50 3.30618 371717.18
3772837.50 3.65653
371717.18 3772857.50 4.04147 371737.18
3772737.50 2.13971
371737.18 3772757.50 2.31137 371737.18
3772777.50 2.49172
371737.18 3772797.50 2.69541 371737.18
3772817.50 2.92116
371737.18 3772837.50 3.18153 371757.18
3772737.50 1.94979
371757.18 3772757.50 2.08569 371757.18
3772777.50 2.24086
371757.18 3772797.50 2.40627 371757.18
3772817.50 2.58236
371757.18 3772837.50 2.79187 371268.76
3772892.70 4.02913
371268.76 3772912.70 3.98455 371268.76
3772932.70 3.91584
371268.76 3772952.70 3.78553 371268.76
3772972.70 3.60651
371268.76 3772992.70 3.39070 371268.76
3773012.70 3.15695
371268.76 3773032.70 2.62149 371268.76
3773052.70 2.31881
371268.76 3773072.70 2.06336 371288.76
3772772.70 3.84431
371288.76 3772792.70 4.01967 371288.76
3772812.70 4.17478
371288.76 3772832.70 4.31781 371288.76
3772852.70 4.42518
371288.76 3772912.70 4.49393 371288.76
3772932.70 4.41341
371288.76 3772952.70 4.26550 371288.76
3772972.70 4.08089
371288.76 3772992.70 3.83496 371288.76
3773012.70 3.56932
371288.76 3773032.70 2.97567 371288.76
3773052.70 2.59786
371288.76 3773072.70 2.32581 371308.76
3772712.70 3.46938
371308.76 3772732.70 3.68088 371308.76
3772752.70 3.89568
371308.76 3772772.70 4.09773 371308.76
3772792.70 4.29259

         371308.76   3773012.70   4.07286   371308.76
3773032.70   3.73009
         371308.76   3773052.70   2.98941   371308.76
3773072.70   2.62373
         371328.76   3772712.70   3.62999   371328.76
3772732.70   3.87915
         371328.76   3772752.70   4.12147   371328.76
3772772.70   4.37749
         371328.76   3772792.70   4.62505   371328.76
3772812.70   4.86242
         371328.76   3772832.70   5.10455   371328.76
3772852.70   5.32943
         371328.76   3772872.70   5.49845   371328.76
3772932.70   5.66992
         371328.76   3772952.70   5.54648   371328.76
3772972.70   5.32618
         371328.76   3772992.70   5.04792   371328.76
3773012.70   4.68683
         371328.76   3773032.70   4.27136   371328.76
3773052.70   3.45531

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         371328.76    3773072.70        3.02855                    371348.76
3772712.70        3.79012
         371348.76    3772732.70        4.05469                    371348.76
3772752.70        4.32345
         371348.76    3772772.70        4.64120                    371348.76
3772792.70        4.92362
         371348.76    3772812.70        5.27886                    371348.76
3772832.70        5.54786
         371348.76    3772852.70        5.85144                    371348.76
3772872.70        6.05506
         371348.76    3772892.70        6.26897                    371348.76
3772952.70        6.36060
         371348.76    3772972.70        6.12595                    371348.76
3772992.70        5.82969
         371348.76    3773012.70        5.44507                    371348.76
3773032.70        4.95021
         371348.76    3773052.70        4.43598                    371348.76
3773072.70        3.51707
         371368.76    3772712.70        3.91737                    371368.76
3772732.70        4.21507
         371368.76    3772752.70        4.53183                    371368.76
3772772.70        4.85936
         371368.76    3772792.70        5.23820                    371368.76
3772812.70        5.62935
         371368.76    3772832.70        6.02820                    371368.76
3772852.70        6.39595
         371368.76    3772872.70        6.78478                    371368.76
3772892.70        7.00946
         371368.76    3772972.70        7.18860                    371368.76
3772992.70        6.85710
         371368.76    3773012.70        6.40678                    371368.76
3773032.70        5.81778
         371388.76    3772712.70        4.00601                    371388.76
3772732.70        4.33342
         371388.76    3772752.70        4.70329                    371388.76
3772772.70        5.10841
         371388.76    3772792.70        5.50107                    371388.76
3772812.70        6.00004
         371388.76    3772832.70        6.51473                    371388.76
3772852.70        6.97542
         371388.76    3772872.70        7.55078                    371388.76
3772892.70        7.90869
         371388.76    3772972.70        8.49127                    371388.76
3772992.70        8.16141
         371388.76    3773012.70        7.62434                    371408.76
3772712.70        4.08956
         371408.76    3772732.70        4.43971                    371408.76
3772752.70        4.87984
         371408.76    3772772.70        5.30620                    371408.76
3772792.70        5.79769
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         371408.76    3772812.70        6.38608                      371408.76
3772832.70        6.95328
         371408.76    3772852.70        7.64419                      371408.76
3772872.70        8.25844
         371408.76    3772892.70        8.84640                      371428.76
3772712.70        4.16638
         371428.76    3772732.70        4.55515                      371428.76
3772752.70        5.02966
         371428.76    3772772.70        5.52302                      371428.76
3772792.70        6.07875
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT    ***
                                  INCLUDING SOURCE(S):     NIGHT       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371428.76    3772812.70        6.74283                      371428.76
3772832.70        7.42051
         371428.76    3772852.70        8.19665                      371428.76
3772872.70        9.03329
         371448.76    3772712.70        4.17201                      371448.76
3772732.70        4.59624
         371448.76    3772752.70        5.06815                      371448.76
3772772.70        5.62648
         371448.76    3772792.70        6.27419                      371448.76
3772812.70        7.03061
         371448.76    3772832.70        7.90845                      371448.76
3772852.70        8.83658
         371468.76    3772712.70        4.15272                      371468.76
3772732.70        4.60116
         371468.76    3772752.70        5.12960                      371468.76
3772772.70        5.74574
         371468.76    3772792.70        6.45915                      371468.76
3772812.70        7.39139
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         371468.76    3772832.70        8.32984                    371468.76
3772852.70        9.37147
         371488.76    3772712.70        4.14694                    371488.76
3772732.70        4.60321
         371488.76    3772752.70        5.14966                    371488.76
3772772.70        5.77898
         371488.76    3772792.70        6.52873                    371488.76
3772812.70        7.57818
         371488.76    3772832.70        8.61361                    371488.76
3772852.70        9.75152
         371508.76    3772712.70        4.08020                    371508.76
3772732.70        4.53039
         371508.76    3772752.70        5.10106                    371508.76
3772772.70        5.73925
         371508.76    3772792.70        6.53649                    371508.76
3772812.70        7.62423
         371508.76    3772832.70        8.70072                    371528.76
3772712.70        3.97359
         371528.76    3772732.70        4.43582                    371528.76
3772752.70        5.00399
         371528.76    3772772.70        5.64260                    371528.76
3772792.70        6.46163
         371528.76    3772812.70        7.49061                    371528.76
3772832.70        8.66380
         371548.76    3772712.70        3.82438                    371548.76
3772732.70        4.28518
         371548.76    3772752.70        4.80767                    371548.76
3772772.70        5.45127
         371548.76    3772792.70        6.22996                    371548.76
3772812.70        7.17542
         371548.76    3772832.70        8.39622                    371568.76
3772712.70        3.64323
         371568.76    3772732.70        4.07751                    371568.76
3772752.70        4.60822
         371568.76    3772772.70        5.25748                    371568.76
3772792.70        5.96575
         371568.76    3772812.70        6.86786                    371588.76
3772712.70        3.46387
         371588.76    3772732.70        3.85758                    371588.76
3772752.70        4.35227
         371588.76    3772772.70        4.91140                    371588.76
3772792.70        5.62214
         371608.76    3772712.70        3.25798                    371608.76
3772732.70        3.62068
         371608.76    3772752.70        4.06972                    371608.76
3772772.70        4.56833
         371608.76    3772792.70        5.17288                    371628.76
3772712.70        3.05190
         371628.76    3772732.70        3.37724                    371628.76
3772752.70        3.77434
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371628.76	3772772.70	4.21568	371648.76	3772712.70	2.82799
371648.76	3772732.70	3.11237	371648.76	3772752.70	3.44209
371648.76	3772772.70	3.82733	371668.76	3772712.70	2.62613
371668.76	3772732.70	2.87109	371668.76	3772752.70	3.14232
371688.76	3772712.70	2.43017	371688.76	3772732.70	2.62526
371708.76	3772712.70	2.22268	371281.97	3773112.21	1.81024
371281.97	3773132.21	1.63222	371281.97	3773152.21	1.45945
371281.97	3773172.21	1.31202	371281.97	3773192.21	1.14533
371281.97	3773212.21	1.00294	371281.97	3773232.21	0.91819
371281.97	3773252.21	0.78738	371281.97	3773272.21	0.60112
371281.97	3773292.21	0.52519	371281.97	3773312.21	0.48054
371281.97	3773332.21	0.41439	371281.97	3773352.21	0.38376
371281.97	3773372.21	0.36864	371301.97	3773112.21	2.01401
371301.97	3773132.21	1.82956	371301.97	3773152.21	1.58701

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         371301.97    3773172.21        1.44285                    371301.97
3773192.21        1.27647
         371301.97    3773212.21        1.10899                    371301.97
3773232.21        1.01200
         371301.97    3773252.21        0.84665                    371301.97
3773272.21        0.68027
         371301.97    3773292.21        0.55572                    371301.97
3773312.21        0.48794
         371301.97    3773332.21        0.42903                    371301.97
3773352.21        0.39284
         371301.97    3773372.21        0.36612                    371321.97
3773112.21        2.26658
         371321.97    3773132.21        2.05632                    371321.97
3773152.21        1.76846
         371321.97    3773172.21        1.59809                    371321.97
3773192.21        1.39465
         371321.97    3773212.21        1.23249                    371321.97
3773232.21        1.06694
         371321.97    3773252.21        0.92288                    371321.97
3773272.21        0.79502
         371321.97    3773292.21        0.63139                    371321.97
3773312.21        0.53130
         371321.97    3773332.21        0.45587                    371321.97
3773352.21        0.41003
         371321.97    3773372.21        0.37755                    371341.97
3773112.21        2.54369
         371341.97    3773132.21        2.25298                    371341.97
3773152.21        1.95204
         371341.97    3773172.21        1.70588                    371341.97
3773192.21        1.48379
         371341.97    3773212.21        1.28823                    371341.97
3773232.21        1.10985
         371341.97    3773252.21        0.90430                    371341.97
3773272.21        0.76805
         371341.97    3773292.21        0.65904                    371341.97
3773312.21        0.57881
         371341.97    3773332.21        0.49347                    371341.97
3773352.21        0.43307
         371341.97    3773372.21        0.39349                    371361.97
3773112.21        2.80486
         371361.97    3773132.21        2.43346                    371361.97
3773152.21        2.10543
         371361.97    3773172.21        1.81652                    371361.97
3773192.21        1.54686
         371361.97    3773212.21        1.33891                    371361.97
3773232.21        1.15767
         371361.97    3773292.21        0.69962                    371361.97
3773312.21        0.61564
         371361.97    3773332.21        0.52907                    371361.97
3773352.21        0.46613
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3773112.21        3.18762
         371381.97    3773132.21        2.64286                      371381.97
3773152.21        2.29434
         371381.97    3773172.21        1.94243                      371381.97
3773192.21        1.65567
         371381.97    3773212.21        1.41006                      371381.97
3773232.21        1.21744
         371381.97    3773252.21        1.02014                      371381.97
3773272.21        0.86625
         371381.97    3773292.21        0.76722                      371381.97
3773352.21        0.51662
         371381.97    3773372.21        0.45509                      371401.97
3773112.21        3.61163
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                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3773152.21        2.41729
         371401.97    3773172.21        1.93227                      371401.97
3773192.21        1.68321
         371401.97    3773212.21        1.41247                      371401.97
3773232.21        1.18660
         371401.97    3773252.21        1.05150                      371401.97
3773272.21        0.89861
         371401.97    3773292.21        0.79130                      371401.97
3773312.21        0.67769
         371401.97    3773332.21        0.59444                      371401.97
3773352.21        0.52727
         371401.97    3773372.21        0.47040                      371421.97
3773112.21        4.11633
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3773152.21        2.72355
        371421.97    3773172.21        2.21277                    371421.97
3773192.21        1.80818
        371421.97    3773212.21        1.42829                    371421.97
3773232.21        1.25176
        371421.97    3773252.21        1.01091                    371421.97
3773272.21        0.87734
        371421.97    3773292.21        0.77334                    371421.97
3773312.21        0.69182
        371421.97    3773332.21        0.60090                    371421.97
3773352.21        0.52975
        371421.97    3773372.21        0.47038                    371441.97
3773112.21        4.93561
        371441.97    3773132.21        3.89607                    371441.97
3773152.21        3.07988
        371441.97    3773172.21        2.24392                    371441.97
3773192.21        1.61905
        371441.97    3773212.21        1.29599                    371441.97
3773232.21        1.10454
        371441.97    3773252.21        0.91666                    371441.97
3773272.21        0.79525
        371441.97    3773292.21        0.70845                    371441.97
3773312.21        0.63681
        371441.97    3773332.21        0.56607                    371441.97
3773352.21        0.50149
        371441.97    3773372.21        0.43523                    371461.97
3773112.21        6.01029
        371461.97    3773132.21        4.72418                    371461.97
3773152.21        3.60796
        371461.97    3773172.21        2.53732                    371461.97
3773192.21        1.86836
        371461.97    3773252.21        0.92281                    371461.97
3773272.21        0.80168
        371461.97    3773292.21        0.69843                    371461.97
3773312.21        0.61620
        371461.97    3773332.21        0.54342                    371461.97
3773352.21        0.48399
        371461.97    3773372.21        0.43097                    371481.97
3773172.21        3.04586
        371481.97    3773192.21        2.45141                    371481.97
3773252.21        0.95031
        371481.97    3773272.21        0.81597                    371481.97
3773292.21        0.71441
        371481.97    3773312.21        0.63386                    371481.97
3773332.21        0.56718
        371481.97    3773352.21        0.51323                    371481.97
3773372.21        0.46222
        371501.97    3773172.21        3.16695                    371501.97
3773192.21        2.33445
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         371501.97    3773232.21        1.19201                       371501.97
3773252.21        1.00718
         371501.97    3773272.21        0.92017                       371501.97
3773292.21        0.86032
         371501.97    3773312.21        0.78795                       371501.97
3773332.21        0.68351
         371501.97    3773352.21        0.59136                       371501.97
3773372.21        0.53008
         371521.97    3773172.21        2.60699                       371521.97
3773192.21        1.98210
         371521.97    3773212.21        1.53672                       371521.97
3773232.21        1.28205
         371521.97    3773252.21        1.19699                       371521.97
3773272.21        1.08955
         371521.97    3773292.21        0.95741                       371521.97
3773312.21        0.84688
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371521.97    3773332.21        0.70917                       371521.97
3773352.21        0.61763
         371521.97    3773372.21        0.54462                       371541.97
3773172.21        2.78806
         371541.97    3773192.21        2.08579                       371541.97
3773212.21        1.80497
         371541.97    3773232.21        1.57823                       371541.97
3773252.21        1.39348
         371541.97    3773272.21        1.18864                       371541.97
3773292.21        0.99277
         371541.97    3773312.21        0.87036                       371541.97
3773332.21        0.74087
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3773372.21        0.57618
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3773192.21        2.39825
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3773232.21        1.72086
         371561.97    3773252.21        1.49896                    371581.97
3773152.21        5.79967
         371581.97    3773172.21        3.61759                    371581.97
3773192.21        2.87058
         371581.97    3773212.21        2.36219                    371581.97
3773232.21        1.95466
         371581.97    3773252.21        1.68134                    371581.97
3773352.21        0.75057
         371581.97    3773372.21        0.66468                    371601.97
3773132.21       11.60010
         371601.97    3773152.21        7.75126                    371601.97
3773172.21        5.39515
         371601.97    3773192.21        4.00885                    371601.97
3773212.21        3.00138
         371601.97    3773232.21        2.39887                    371601.97
3773292.21        1.31881
         371601.97    3773312.21        1.11802                    371601.97
3773332.21        0.94532
         371601.97    3773352.21        0.81728                    371601.97
3773372.21        0.70595
         371621.97    3773132.21       14.32101                    371621.97
3773152.21        9.38021
         371621.97    3773172.21        6.39433                    371621.97
3773192.21        4.69632
         371621.97    3773212.21        3.63423                    371621.97
3773232.21        2.73489
         371621.97    3773272.21        1.78146                    371621.97
3773292.21        1.52267
         371621.97    3773312.21        1.24011                    371621.97
3773332.21        1.06150
         371621.97    3773352.21        0.87562                    371621.97
3773372.21        0.73829
         371641.97    3773132.21       15.91460                    371641.97
3773152.21       10.52995
         371641.97    3773172.21        7.30796                    371641.97
3773192.21        5.34635
         371641.97    3773212.21        4.01346                    371641.97
3773232.21        3.18520
         371641.97    3773252.21        2.48972                    371641.97
3773272.21        2.04448
         371641.97    3773292.21        1.66933                    371641.97
3773312.21        1.23875
         371641.97    3773332.21        0.97700                    371641.97
3773352.21        0.85811
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3773132.21       15.45236
         371661.97    3773152.21       11.13460                      371661.97
3773172.21        7.94572
         371661.97    3773192.21        5.79460                      371661.97
3773212.21        4.31338
         371661.97    3773252.21        2.77019                      371661.97
3773272.21        2.21350
         371661.97    3773292.21        1.71927                      371661.97
3773312.21        1.25917
         371661.97    3773332.21        1.02890                      371661.97
3773352.21        0.88918
         371661.97    3773372.21        0.76343                      371681.97
3773132.21       13.87718
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3773172.21        8.14354
         371681.97    3773192.21        6.16175                      371681.97
3773212.21        4.68731
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT    ***
                                  INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371681.97    3773232.21        3.67034                      371681.97
3773252.21        2.89977
         371681.97    3773272.21        2.34927                      371681.97
3773292.21        1.61042
         371681.97    3773312.21        1.37572                      371681.97
3773332.21        1.07056
         371681.97    3773352.21        0.94629                      371681.97
3773372.21        0.81519
         371701.97    3773132.21       11.56431                      371701.97
3773152.21        9.72927
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3773192.21        6.10972
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3773252.21        2.89237
        371701.97    3773272.21        2.38728                    371701.97
3773292.21        1.76806
        371701.97    3773312.21        1.47621                    371701.97
3773332.21        1.19039
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3773372.21        0.86194
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3773152.21        8.34344
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3773192.21        5.84198
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3773252.21        2.89203
        371721.97    3773272.21        2.38216                    371721.97
3773292.21        1.93822
        371721.97    3773312.21        1.51237                    371721.97
3773332.21        1.17865
        371721.97    3773352.21        1.03040                    371721.97
3773372.21        0.89067
        371741.97    3773132.21        7.27201                    371741.97
3773152.21        6.85948
        371741.97    3773172.21        6.28244                    371741.97
3773192.21        5.45492
        371741.97    3773212.21        4.60157                    371741.97
3773232.21        3.36812
        371741.97    3773252.21        2.79006                    371741.97
3773272.21        2.16585
        371741.97    3773292.21        1.76404                    371741.97
3773312.21        1.42419
        371741.97    3773332.21        1.18106                    371741.97
3773352.21        1.02709
        371741.97    3773372.21        0.91353                    371761.97
3773132.21        5.75085
        371761.97    3773152.21        5.63732                    371761.97
3773172.21        5.40344
        371761.97    3773212.21        4.17009                    371761.97
3773232.21        3.20350
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3773272.21        2.20345
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3773352.21        0.99113
        371761.97    3773372.21        0.87400                    371781.97
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        371781.97    3773152.21        4.65273                    371781.97
3773212.21        3.79790
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3773292.21        1.51254
         371781.97    3773312.21        1.24746                      371781.97
3773332.21        1.07234
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3773372.21        0.82734
         371801.97    3773132.21        3.81553                      371801.97
3773152.21        3.86595
         371801.97    3773192.21        3.75303                      371801.97
3773212.21        3.42955
         371801.97    3773232.21        2.92541                      371801.97
3773252.21        2.46509
         371801.97    3773272.21        1.80925                      371801.97
3773292.21        1.44909
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3773332.21        1.03799
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3773372.21        0.81168
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: NIGHT    ***
                                  INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371821.97    3773132.21        3.17323                      371821.97
3773152.21        3.23548
         371821.97    3773192.21        3.23321                      371821.97
3773212.21        3.09782
         371821.97    3773232.21        2.58466                      371821.97
3773252.21        2.02585
         371821.97    3773272.21        1.60505                      371821.97
3773292.21        1.35212
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3773332.21        1.02239
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3773372.21        0.80388
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3773152.21        2.74165
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3773212.21        2.68835
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3773252.21        1.74887
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3773292.21        1.30923
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3773332.21        1.02039
         371841.97    3773352.21        0.94695                     371841.97
3773372.21        0.85883
         371861.97    3773132.21        2.28498                     371861.97
3773152.21        2.34532
         371861.97    3773192.21        2.43241                     371861.97
3773212.21        2.36143
         371861.97    3773232.21        1.93934                     371861.97
3773252.21        1.59249
         371861.97    3773272.21        1.40482                     371861.97
3773292.21        1.29444
         371861.97    3773312.21        1.20639                     371861.97
3773332.21        1.15304
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3773372.21        0.97524
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3773152.21        2.03086
         371881.97    3773192.21        2.10838                     371881.97
3773212.21        2.08242
         371881.97    3773232.21        1.79561                     371881.97
3773252.21        1.68502
         371881.97    3773272.21        1.68483                     371881.97
3773292.21        1.54868
         371881.97    3773312.21        1.45389                     371881.97
3773332.21        1.32622
         371881.97    3773352.21        1.19741                     371881.97
3773372.21        1.01137
         371901.97    3773132.21        1.72127                     371901.97
3773152.21        1.77332
         371901.97    3773212.21        1.85003                     371901.97
3773232.21        1.82344
         371901.97    3773252.21        1.76765                     371901.97
3773272.21        1.75542
         371901.97    3773292.21        1.63860                     371901.97
3773312.21        1.53717
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371629.72	3772904.76	14.94101	371639.72	3772904.76	13.87834
371649.72	3772904.76	12.88099	371659.72	3772904.76	11.84376
371599.72	3772914.76	20.31811	371609.72	3772914.76	19.19232
371619.72	3772914.76	17.96722	371629.72	3772914.76	16.73817
371639.72	3772914.76	15.44362	371649.72	3772914.76	14.17474
371659.72	3772914.76	12.97586	371569.72	3772924.76	25.38173
371579.72	3772924.76	25.02661	371589.72	3772924.76	24.30078
371599.72	3772924.76	23.29459	371609.72	3772924.76	21.84007
371619.72	3772924.76	20.29753	371629.72	3772924.76	18.86957
371639.72	3772924.76	17.24653	371649.72	3772924.76	15.70321
371659.72	3772924.76	14.27668	371569.72	3772934.76	29.18716
371579.72	3772934.76	28.95649	371589.72		

3772934.76 28.26314
371599.72 3772934.76 26.91846 371609.72
3772934.76 25.05966
371619.72 3772934.76 23.13843 371629.72
3772934.76 21.37277
371639.72 3772934.76 19.44626 371649.72
3772934.76 17.58470
371659.72 3772934.76 15.79342 371569.72
3772944.76 33.95155
371579.72 3772944.76 33.88163 371589.72
3772944.76 33.01133
371599.72 3772944.76 31.35574 371609.72
3772944.76 29.22152
371619.72 3772944.76 26.92726 371629.72
3772944.76 24.43854
371639.72 3772944.76 21.96215 371649.72
3772944.76 19.64203
371659.72 3772944.76 17.53525 371569.72
3772954.76 40.01377
371579.72 3772954.76 40.18911 371589.72
3772954.76 39.26224
371599.72 3772954.76 37.28148 371609.72
3772954.76 34.56533
371619.72 3772954.76 31.57162 371629.72
3772954.76 28.27331
371639.72 3772954.76 25.12277 371649.72
3772954.76 22.21227
371659.72 3772954.76 19.56525 371569.72
3772964.76 47.78869
371579.72 3772964.76 48.48262 371589.72
3772964.76 47.74483
371599.72 3772964.76 45.27291 371609.72
3772964.76 41.73907
371619.72 3772964.76 37.68540 371629.72
3772964.76 33.18846
371639.72 3772964.76 28.96546 371649.72
3772964.76 25.26230
371659.72 3772964.76 21.97674 371569.72
3772970.33 53.08361
371579.72 3772970.33 54.15331 371589.72
3772970.33 53.42374
371599.72 3772970.33 50.76123 371609.72
3772970.33 46.82934
371619.72 3772974.76 45.64566 371629.72
3772974.76 39.36065
371639.72 3772974.76 33.58545 371649.72
3772974.76 28.73996
371659.72 3772974.76 24.84097 371619.72
3772984.76 56.04191
371629.72 3772984.76 47.14179 371639.72

3772984.76 39.27436
371649.72 3772984.76 32.96786 371659.72
3772984.76 28.25179
371569.87 3772991.40 82.71276 371579.87
3772991.40 87.79402
371589.87 3772991.40 88.37243 371599.87
3772991.40 84.41899

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371609.87	3772991.40	76.38154	371619.72	3772994.76	71.14271
371629.72	3772994.76	57.92173	371639.72	3772994.76	46.79866
371649.72	3772994.76	38.47720	371659.72	3772994.76	32.46784
371570.04	3773001.54	105.13673	371580.04	3773001.54	114.51982
371590.04	3773001.54	117.29042	371600.04	3773001.54	112.81299
371610.04	3773001.54	101.36582	371619.72	3773004.76	93.07964
371629.72	3773004.76	72.78638	371639.72	3773004.76	56.78985

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         371649.72    3773004.76       46.11472                    371659.72
3773004.76       37.80187
         371619.72    3773014.76      122.57885                    371629.72
3773014.76       91.98711
         371639.72    3773014.76       70.30661                    371649.72
3773014.76       56.42457
         371659.72    3773014.76       44.73711                    371619.72
3773020.25      140.21433
         371629.72    3773020.25      102.87284                    371639.72
3773020.25       78.05218
         371649.72    3773020.25       61.79043                    371659.72
3773020.25       49.37417
         371678.38    3772888.96        9.06360                    371688.38
3772888.96        8.47784
         371698.38    3772888.96        7.92513                    371708.38
3772888.96        7.40662
         371718.38    3772888.96        6.92145                    371678.38
3772898.96        9.76478
         371688.38    3772898.96        9.06229                    371698.38
3772898.96        8.46293
         371708.38    3772898.96        7.91684                    371718.38
3772898.96        7.40987
         371678.38    3772918.96       11.46971                    371688.38
3772918.96       10.50880
         371698.38    3772918.96        9.75833                    371708.38
3772918.96        9.08811
         371718.38    3772918.96        8.46627                    371678.38
3772928.96       12.52151
         371688.38    3772928.96       11.50003                    371698.38
3772928.96       10.63248
         371708.38    3772928.96        9.87863                    371718.38
3772928.96        9.16723
         371678.38    3772938.96       13.71483                    371688.38
3772938.96       12.57739
         371698.38    3772938.96       11.55973                    371708.38
3772938.96       10.65064
         371718.38    3772938.96        9.88850                    371678.38
3772948.96       15.06094
         371688.38    3772948.96       13.75780                    371698.38
3772948.96       12.60279
         371708.38    3772948.96       11.59660                    371718.38
3772948.96       10.74669
         371678.38    3772958.96       16.61454                    371688.38
3772958.96       15.09587
         371698.38    3772958.96       13.75091                    371708.38
3772958.96       12.61614
         371718.38    3772958.96       11.65756                    371678.38
3772968.96       18.42570
         371688.38    3772968.96       16.65468                    371698.38
3772968.96       15.11543
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         371708.38    3772968.96       13.82690                       371718.38
3772968.96       12.76309
         371678.38    3772978.96       20.56529                       371688.38
3772978.96       18.51676
         371698.38    3772978.96       16.75821                       371708.38
3772978.96       15.27442
         371718.38    3772978.96       14.06706                       371678.38
3772988.96       23.14336
         371688.38    3772988.96       20.79675                       371698.38
3772988.96       18.65645
         371708.38    3772988.96       16.87622                       371718.38
3772988.96       15.50320
         371678.38    3772998.96       26.27069                       371688.38
3772998.96       23.46375
         371698.38    3772998.96       20.94134                       371708.38
3772998.96       18.95551
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                  HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                  HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
                  HAUL0021    , HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025
, HAUL0026    , HAUL0027    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         371718.38    3772998.96       17.40054                       371678.38
3773008.96       30.17813
         371688.38    3773008.96       26.76969                       371698.38
3773008.96       23.84756
         371708.38    3773008.96       21.49651                       371718.38
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3773008.96 19.64103
371678.38 3773018.96 35.15278 371688.38
3773018.96 30.90311
371698.38 3773018.96 27.39834 371708.38
3773018.96 24.60754
371718.38 3773018.96 22.39928 371734.81
3772871.37 5.62930
371754.81 3772871.37 5.08004 371774.81
3772871.37 4.58906
371734.81 3772911.37 7.23508 371754.81
3772911.37 6.48719
371774.81 3772911.37 5.83899 371734.81
3772931.37 8.35623
371754.81 3772931.37 7.43256 371774.81
3772931.37 6.66358
371734.81 3772951.37 9.83995 371754.81
3772951.37 8.69877
371774.81 3772951.37 7.74087 371734.81
3772971.37 11.48789
371754.81 3772971.37 10.14211 371774.81
3772971.37 9.08720
371734.81 3772991.37 14.07506 371754.81
3772991.37 12.35795
371774.81 3772991.37 11.02568 371734.81
3773011.37 17.74674
371754.81 3773011.37 15.52044 371774.81
3773011.37 13.91783
371799.03 3772785.46 2.79383 371819.03
3772785.46 2.60176
371839.03 3772785.46 2.42941 371859.03
3772785.46 2.25537
371879.03 3772785.46 2.10147 371899.03
3772785.46 1.98585
371919.03 3772785.46 1.86204 371939.03
3772785.46 1.74705
371799.03 3772805.46 3.02620 371819.03
3772805.46 2.81111
371839.03 3772805.46 2.61604 371859.03
3772805.46 2.42152
371879.03 3772805.46 2.26553 371899.03
3772805.46 2.15627
371919.03 3772805.46 2.01045 371939.03
3772805.46 1.88100
371799.03 3772825.46 3.30066 371819.03
3772825.46 3.05991
371839.03 3772825.46 2.86875 371859.03
3772825.46 2.67197
371879.03 3772825.46 2.46755 371899.03
3772825.46 2.33195
371919.03 3772825.46 2.18112 371939.03

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3772825.46        2.02686
         371799.03    3772845.46        3.62180                        371819.03
3772845.46        3.35735
         371839.03    3772845.46        3.13945                        371859.03
3772845.46        2.92557
         371879.03    3772845.46        2.70426                        371899.03
3772845.46        2.54076
         371919.03    3772845.46        2.36410                        371939.03
3772845.46        2.19756
         371799.03    3772865.46        3.99890                        371819.03
3772865.46        3.71278
         371839.03    3772865.46        3.44136                        371859.03
3772865.46        3.19676
         371879.03    3772865.46        2.97297                        371899.03
3772865.46        2.76631
         371919.03    3772865.46        2.56721                        371939.03
3772865.46        2.37628
         371799.03    3772885.46        4.46454                        371819.03
3772885.46        4.15311
         371839.03    3772885.46        3.83858                        371859.03
3772885.46        3.55856
         371879.03    3772885.46        3.29976                        371899.03
3772885.46        3.05169
         371919.03    3772885.46        2.82284                        371939.03
3772885.46        2.59539
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                  HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                  HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
                  HAUL0021    , HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025
, HAUL0026    , HAUL0027    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371799.03	3772905.46	5.03219	371819.03	3772905.46	4.68469
371839.03	3772905.46	4.29936	371859.03	3772905.46	3.98788
371879.03	3772905.46	3.67588	371899.03	3772905.46	3.39937
371919.03	3772905.46	3.11762	371939.03	3772905.46	2.87577
371799.03	3772925.46	5.73950	371819.03	3772925.46	5.29314
371839.03	3772925.46	4.87158	371859.03	3772925.46	4.47615
371879.03	3772925.46	4.13841	371899.03	3772925.46	3.80907
371919.03	3772925.46	3.47302	371939.03	3772925.46	3.18926
371799.03	3772945.46	6.61596	371819.03	3772945.46	6.07444
371839.03	3772945.46	5.59012	371859.03	3772945.46	5.12770
371879.03	3772945.46	4.72328	371899.03	3772945.46	4.33421
371919.03	3772945.46	3.95371	371939.03	3772945.46	3.59764
371799.03	3772965.46	7.75754	371819.03	3772965.46	7.10420
371839.03	3772965.46	6.52869	371859.03	3772965.46	5.99789
371879.03	3772965.46	5.51072	371899.03	3772965.46	5.05879
371919.03	3772965.46	4.60484	371939.03	3772965.46	4.16050
371799.03	3772985.46	9.27455	371819.03	3772985.46	8.50402
371839.03	3772985.46	7.80783	371859.03	3772985.46	7.25197
371879.03	3772985.46	6.66216	371899.03	3772985.46	6.08539
371919.03	3772985.46	5.53424	371939.03	3772985.46	4.97712
371799.03	3773005.46	11.53239	371819.03	3773005.46	10.60606
371839.03	3773005.46	9.81485	371859.03	3773005.46	9.24865
371879.03	3773005.46	8.59619	371899.03	3773005.46	7.94785

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         371919.03    3773005.46        7.15463                        371939.03
3773005.46        6.31643
         371437.18    3772897.50       12.20813                        371437.18
3772917.50       13.29887
         371437.18    3772937.50       14.22993                        371437.18
3772957.50       15.37034
         371457.18    3772897.50       13.64229                        371457.18
3772917.50       15.25088
         371457.18    3772937.50       16.64580                        371477.18
3772897.50       14.84766
         371477.18    3772917.50       17.01718                        371477.18
3772937.50       19.48421
         371497.18    3772877.50       13.70809                        371497.18
3772897.50       16.12711
         371497.18    3772917.50       18.96262                        371497.18
3772937.50       22.05660
         371517.18    3772877.50       14.35803                        371517.18
3772897.50       16.99101
         371517.18    3772917.50       20.34914                        371537.18
3772857.50       12.16997
         371537.18    3772877.50       14.53674                        371537.18
3772897.50       17.65541
         371537.18    3772917.50       22.03785                        371557.18
3772857.50       12.03716
         371557.18    3772877.50       14.52894                        371557.18
3772897.50       17.85023
         371557.18    3772917.50       22.99771                        371577.18
3772837.50        9.67369
         371577.18    3772857.50       11.64335                        371577.18
3772877.50       14.01760
         371577.18    3772897.50       17.45130                        371597.18
3772837.50        9.19985
         371597.18    3772857.50       10.92812                        371597.18
3772877.50       13.13675
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                  HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                  HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
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HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025
, HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371597.18	3772897.50	16.47061	371617.18	3772817.50	7.27972
371617.18	3772837.50	8.48839	371617.18	3772857.50	10.04675
371617.18	3772877.50	11.97326	371617.18	3772897.50	14.95760
371637.18	3772817.50	6.73101	371637.18	3772837.50	7.77673
371637.18	3772857.50	8.93542	371637.18	3772877.50	10.71846
371657.18	3772797.50	5.42616	371657.18	3772817.50	6.15719
371657.18	3772837.50	7.00060	371657.18	3772857.50	8.12448
371657.18	3772877.50	9.50495	371677.18	3772777.50	4.44631
371677.18	3772797.50	4.98197	371677.18	3772817.50	5.61892
371677.18	3772837.50	6.35758	371677.18	3772857.50	7.22141
371697.18	3772777.50	4.11310	371697.18	3772797.50	4.55175
371697.18	3772817.50	5.04888	371697.18	3772837.50	5.65355
371697.18	3772857.50	6.42892	371717.18	3772757.50	3.46932
371717.18	3772777.50	3.78319	371717.18	3772797.50	4.13545
371717.18	3772817.50	4.58016	371717.18	3772837.50	5.12268
371717.18	3772857.50	5.73859	371737.18	3772737.50	2.93020
371737.18	3772757.50	3.19115	371737.18	3772777.50	3.47256
371737.18	3772797.50	3.79716	371737.18	3772817.50	4.16717
371737.18	3772837.50	4.60608	371757.18		

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3772737.50        2.72532
         371757.18    3772757.50        2.94477                          371757.18
3772777.50        3.20043
         371757.18    3772797.50        3.48273                          371757.18
3772817.50        3.79619
         371757.18    3772837.50        4.18006                          371268.76
3772892.70        4.80443
         371268.76    3772912.70        4.79829                          371268.76
3772932.70        4.76138
         371268.76    3772952.70        4.65127                          371268.76
3772972.70        4.48239
         371268.76    3772992.70        4.26448                          371268.76
3773012.70        4.02022
         371268.76    3773032.70        3.44696                          371268.76
3773052.70        3.10401
         371268.76    3773072.70        2.80623                          371288.76
3772772.70        4.40533
         371288.76    3772792.70        4.62326                          371288.76
3772812.70        4.82321
         371288.76    3772832.70        5.01431                          371288.76
3772852.70        5.17086
         371288.76    3772912.70        5.38531                          371288.76
3772932.70        5.34030
         371288.76    3772952.70        5.22699                          371288.76
3772972.70        5.05712
         371288.76    3772992.70        4.80969                          371288.76
3773012.70        4.55007
         371288.76    3773032.70        3.92349                          371288.76
3773052.70        3.47915
         371288.76    3773072.70        3.16841                          371308.76
3772712.70        3.94096
         371308.76    3772732.70        4.18850                          371308.76
3772752.70        4.44276
         371308.76    3772772.70        4.68678                          371308.76
3772792.70        4.92720
         371308.76    3772812.70        5.09228                          371308.76
3772832.70        5.48975
         371308.76    3772852.70        5.67299                          371308.76
3772912.70        5.98708
         371308.76    3772932.70        6.01576                          371308.76
3772952.70        5.91731
         371308.76    3772972.70        5.75154                          371308.76
3772992.70        5.50094
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371308.76	3773012.70	5.19518	371308.76	3773032.70	4.83085
371308.76	3773052.70	4.00277	371308.76	3773072.70	3.58051
371328.76	3772712.70	4.12084	371328.76	3772732.70	4.40951
371328.76	3772752.70	4.69404	371328.76	3772772.70	4.99749
371328.76	3772792.70	5.29645	371328.76	3772812.70	5.58975
371328.76	3772832.70	5.89444	371328.76	3772852.70	6.18708
371328.76	3772872.70	6.42581	371328.76	3772932.70	6.81110
371328.76	3772952.70	6.74249	371328.76	3772972.70	6.56902
371328.76	3772992.70	6.31749	371328.76	3773012.70	5.97461
371328.76	3773032.70	5.52580	371328.76	3773052.70	4.64568
371328.76	3773072.70	4.13929	371348.76	3772712.70	4.30142
371348.76	3772732.70	4.60688	371348.76	3772752.70	4.92038
371348.76	3772772.70	5.29156	371348.76	3772792.70	5.62938
371348.76	3772812.70	6.05276	371348.76	3772832.70	6.38937

371348.76 3772852.70 6.77185 371348.76
3772872.70 7.05423
371348.76 3772892.70 7.35702 371348.76
3772952.70 7.70684
371348.76 3772972.70 7.53743 371348.76
3772992.70 7.28822
371348.76 3773012.70 6.91632 371348.76
3773032.70 6.40051
371348.76 3773052.70 5.84874 371348.76
3773072.70 4.83807
371368.76 3772712.70 4.44767 371368.76
3772732.70 4.78922
371368.76 3772752.70 5.15512 371368.76
3772772.70 5.53722
371368.76 3772792.70 5.98083 371368.76
3772812.70 6.44470
371368.76 3772832.70 6.92524 371368.76
3772852.70 7.38159
371368.76 3772872.70 7.87209 371368.76
3772892.70 8.19553
371368.76 3772972.70 8.79874 371368.76
3772992.70 8.53358
371368.76 3773012.70 8.11267 371368.76
3773032.70 7.53015
371388.76 3772712.70 4.55357 371388.76
3772732.70 4.92756
371388.76 3772752.70 5.35146 371388.76
3772772.70 5.81838
371388.76 3772792.70 6.27743 371388.76
3772812.70 6.85999
371388.76 3772832.70 7.46887 371388.76
3772852.70 8.03015
371388.76 3772872.70 8.73016 371388.76
3772892.70 9.20852
371388.76 3772972.70 10.34058 371388.76
3772992.70 10.10973
371388.76 3773012.70 9.62801 371408.76
3772712.70 4.65617
371408.76 3772732.70 5.05504 371408.76
3772752.70 5.55591
371408.76 3772772.70 6.04602 371408.76
3772792.70 6.61325
371408.76 3772812.70 7.29415 371408.76
3772832.70 7.96179
371408.76 3772852.70 8.77750 371408.76
3772872.70 9.52555
371408.76 3772892.70 10.26448 371428.76
3772712.70 4.75412
371428.76 3772732.70 5.19557 371428.76
3772752.70 5.73431

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371428.76	3772812.70	7.69949	371428.76	3772832.70	8.48879
371428.76	3772852.70	9.39990	371428.76	3772872.70	10.39573
371448.76	3772712.70	4.77663	371448.76	3772732.70	5.25770
371448.76	3772752.70	5.79399	371448.76	3772772.70	6.42925
371448.76	3772792.70	7.16807	371448.76	3772812.70	8.03369
371448.76	3772832.70	9.04294	371448.76	3772852.70	10.12183
371468.76	3772712.70	4.77465	371468.76	3772732.70	5.28361
371468.76	3772752.70	5.88336	371468.76	3772772.70	6.58320
371468.76	3772792.70	7.39495	371468.76	3772812.70	8.45468
371468.76	3772832.70	9.53067	371468.76		

3772852.70 10.73451
371488.76 3772712.70 4.79137 371488.76
3772732.70 5.31069
371488.76 3772752.70 5.93210 371488.76
3772772.70 6.64802
371488.76 3772792.70 7.50127 371488.76
3772812.70 8.69239
371488.76 3772832.70 9.87579 371488.76
3772852.70 11.18524
371508.76 3772712.70 4.74361 371508.76
3772732.70 5.25855
371508.76 3772752.70 5.90990 371508.76
3772772.70 6.63824
371508.76 3772792.70 7.54704 371508.76
3772812.70 8.78409
371508.76 3772832.70 10.01421 371528.76
3772712.70 4.65423
371528.76 3772732.70 5.18635 371528.76
3772752.70 5.83895
371528.76 3772772.70 6.57177 371528.76
3772792.70 7.50962
371528.76 3772812.70 8.68599 371528.76
3772832.70 10.02781
371548.76 3772712.70 4.51909 371548.76
3772732.70 5.05441
371548.76 3772752.70 5.66036 371548.76
3772772.70 6.40493
371548.76 3772792.70 7.30386 371548.76
3772812.70 8.39309
371548.76 3772832.70 9.79662 371568.76
3772712.70 4.34894
371568.76 3772732.70 4.85968 371568.76
3772752.70 5.48223
371568.76 3772772.70 6.24182 371568.76
3772792.70 7.06902
371568.76 3772812.70 8.11944 371588.76
3772712.70 4.18184
371588.76 3772732.70 4.65205 371588.76
3772752.70 5.24129
371588.76 3772772.70 5.90610 371588.76
3772792.70 6.74874
371608.76 3772712.70 3.98337 371608.76
3772732.70 4.42450
371608.76 3772752.70 4.96950 371608.76
3772772.70 5.57424
371608.76 3772792.70 6.30594 371628.76
3772712.70 3.78319
371628.76 3772732.70 4.18760 371628.76
3772752.70 4.68066
371628.76 3772772.70 5.22906 371648.76

3772712.70   3.55852
         371648.76   3772732.70   3.92117   371648.76
3772752.70   4.34221
         371648.76   3772772.70   4.83482   371668.76
3772712.70   3.35724
         371668.76   3772732.70   3.67904   371668.76
3772752.70   4.03716
         371688.76   3772712.70   3.15884   371688.76
3772732.70   3.42516
         371708.76   3772712.70   2.94022   371281.97
3773112.21   2.52939

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   CONSTR   , HAUL0001
, HAUL0002   , HAUL0003   , HAUL0004   ,
                  HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009
, HAUL0010   , HAUL0011   , HAUL0012   ,
                  HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017
, HAUL0018   , HAUL0019   , HAUL0020   ,
                  HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025
, HAUL0026   , HAUL0027   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371281.97   3773132.21   2.30356   371281.97
3773152.21   2.07782
         371281.97   3773172.21   1.88314   371281.97
3773192.21   1.65977
         371281.97   3773212.21   1.46872   371281.97
3773232.21   1.35428
         371281.97   3773252.21   1.17708   371281.97
3773272.21   0.92448
         371281.97   3773292.21   0.81839   371281.97
3773312.21   0.75465

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        371281.97    3773332.21        0.65841                    371281.97
3773352.21        0.61312
        371281.97    3773372.21        0.59175                    371301.97
3773112.21        2.82559
        371301.97    3773132.21        2.59495                    371301.97
3773152.21        2.27102
        371301.97    3773172.21        2.08130                    371301.97
3773192.21        1.85715
        371301.97    3773212.21        1.63029                    371301.97
3773232.21        1.49876
        371301.97    3773252.21        1.27329                    371301.97
3773272.21        1.04575
        371301.97    3773292.21        0.87245                    371301.97
3773312.21        0.77496
        371301.97    3773332.21        0.68676                    371301.97
3773352.21        0.63119
        371301.97    3773372.21        0.59105                    371321.97
3773112.21        3.19451
        371321.97    3773132.21        2.93345                    371321.97
3773152.21        2.54398
        371321.97    3773172.21        2.31798                    371321.97
3773192.21        2.04098
        371321.97    3773212.21        1.82013                    371321.97
3773232.21        1.59353
        371321.97    3773252.21        1.39561                    371321.97
3773272.21        1.21880
        371321.97    3773292.21        0.99131                    371321.97
3773312.21        0.84845
        371321.97    3773332.21        0.73609                    371321.97
3773352.21        0.66387
        371321.97    3773372.21        0.61280                    371341.97
3773112.21        3.60237
        371341.97    3773132.21        3.22997                    371341.97
3773152.21        2.82500
        371341.97    3773172.21        2.49167                    371341.97
3773192.21        2.18882
        371341.97    3773212.21        1.92091                    371341.97
3773232.21        1.67548
        371341.97    3773252.21        1.39159                    371341.97
3773272.21        1.20086
        371341.97    3773292.21        1.04606                    371341.97
3773312.21        0.92995
        371341.97    3773332.21        0.80376                    371341.97
3773352.21        0.70951
        371341.97    3773372.21        0.64580                    371361.97
3773112.21        3.99287
        371361.97    3773132.21        3.50876                    371361.97
3773152.21        3.06867
        371361.97    3773172.21        2.67598                    371361.97
3773192.21        2.30643
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         371361.97    3773212.21        2.01991                      371361.97
3773232.21        1.76852
         371361.97    3773292.21        1.12176                      371361.97
3773312.21        0.99890
         371361.97    3773332.21        0.87018                      371361.97
3773352.21        0.77407
         371361.97    3773372.21        0.68570                      371381.97
3773112.21        4.56523
         371381.97    3773132.21        3.83984                      371381.97
3773152.21        3.37156
         371381.97    3773172.21        2.88995                      371381.97
3773192.21        2.49447
         371381.97    3773212.21        2.15333                      371381.97
3773232.21        1.88345
         371381.97    3773252.21        1.60483                      371381.97
3773272.21        1.38444
         371381.97    3773292.21        1.23997                      371381.97
3773352.21        0.86630
         371381.97    3773372.21        0.77183                      371401.97
3773112.21        5.20886
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                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                  HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                  HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
                  HAUL0021    , HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025
, HAUL0026    , HAUL0027    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         371401.97    3773132.21        4.22948                      371401.97
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3773152.21 3.59568
371401.97 3773172.21 2.92840 371401.97
3773192.21 2.57968
371401.97 3773212.21 2.19927 371401.97
3773232.21 1.87815
371401.97 3773252.21 1.68233 371401.97
3773272.21 1.45956
371401.97 3773292.21 1.30051 371401.97
3773312.21 1.13048
371401.97 3773332.21 1.00377 371401.97
3773352.21 0.90023
371401.97 3773372.21 0.81173 371421.97
3773112.21 5.98627
371421.97 3773132.21 4.81952 371421.97
3773152.21 4.08959
371421.97 3773172.21 3.37897 371421.97
3773192.21 2.81037
371421.97 3773212.21 2.27138 371421.97
3773232.21 2.01406
371421.97 3773252.21 1.66153 371421.97
3773272.21 1.46110
371421.97 3773292.21 1.30290 371421.97
3773312.21 1.17742
371421.97 3773332.21 1.03635 371421.97
3773352.21 0.92455
371421.97 3773372.21 0.83027 371441.97
3773112.21 7.24104
371441.97 3773132.21 5.81715 371441.97
3773152.21 4.67755
371441.97 3773172.21 3.50378 371441.97
3773192.21 2.61305
371441.97 3773212.21 2.13492 371441.97
3773232.21 1.84540
371441.97 3773252.21 1.55320 371441.97
3773272.21 1.36325
371441.97 3773292.21 1.22970 371441.97
3773312.21 1.11829
371441.97 3773332.21 1.00552 371441.97
3773352.21 0.90114
371441.97 3773372.21 0.79093 371461.97
3773112.21 8.92100
371461.97 3773132.21 7.13870 371461.97
3773152.21 5.54825
371461.97 3773172.21 4.01899 371461.97
3773192.21 3.05080
371461.97 3773252.21 1.59584 371461.97
3773272.21 1.40590
371461.97 3773292.21 1.24118 371461.97
3773312.21 1.11055
371461.97 3773332.21 0.99177 371461.97

3773352.21   0.89429
         371461.97   3773372.21   0.80519   371481.97
3773172.21   4.89100
         371481.97   3773192.21   4.01691   371481.97
3773252.21   1.69303
         371481.97   3773272.21   1.47561   371481.97
3773292.21   1.31208
         371481.97   3773312.21   1.18013   371481.97
3773332.21   1.06807
         371481.97   3773352.21   0.97538   371481.97
3773372.21   0.88614
         371501.97   3773172.21   5.25714   371501.97
3773192.21   3.99024
         371501.97   3773232.21   2.16977   371501.97
3773252.21   1.86301
         371501.97   3773272.21   1.71880   371501.97
3773292.21   1.61241
         371501.97   3773312.21   1.48397   371501.97
3773332.21   1.30186
         371501.97   3773352.21   1.13957   371501.97
3773372.21   1.02877
         371521.97   3773172.21   4.62232   371521.97
3773192.21   3.60577
         371521.97   3773212.21   2.85913   371521.97
3773232.21   2.42420
         371521.97   3773252.21   2.27126   371521.97
3773272.21   2.07643
         371521.97   3773292.21   1.83973   371521.97
3773312.21   1.63920

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   CONSTR   , HAUL0001
, HAUL0002   , HAUL0003   , HAUL0004   ,
                  HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009
, HAUL0010   , HAUL0011   , HAUL0012   ,
                  HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017
, HAUL0018   , HAUL0019   , HAUL0020   ,
                  HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025
, HAUL0026   , HAUL0027   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371521.97	3773332.21	1.39134	371521.97	3773352.21	1.22268
371521.97	3773372.21	1.08625	371541.97	3773172.21	5.18962
371541.97	3773192.21	3.98129	371541.97	3773212.21	3.47853
371541.97	3773232.21	3.06339	371541.97	3773252.21	2.72043
371541.97	3773272.21	2.34209	371541.97	3773292.21	1.97847
371541.97	3773312.21	1.74466	371541.97	3773332.21	1.49892
371541.97	3773352.21	1.30756	371541.97	3773372.21	1.17805
371561.97	3773172.21	5.96023	371561.97	3773192.21	4.80823
371561.97	3773212.21	4.03799	371561.97	3773232.21	3.49491
371561.97	3773252.21	3.05413	371581.97	3773152.21	12.04575
371581.97	3773172.21	7.66559	371581.97	3773192.21	6.10635
371581.97	3773212.21	5.03129	371581.97	3773232.21	4.16947
371581.97	3773252.21	3.58144	371581.97	3773352.21	1.61527
371581.97	3773372.21	1.43031	371601.97	3773132.21	28.08129
371601.97	3773152.21	18.25943	371601.97	3773172.21	12.47681
371601.97	3773192.21	9.15440	371601.97	3773212.21	6.80462
371601.97	3773232.21	5.40121	371601.97	3773292.21	2.94009
371601.97	3773312.21	2.48679	371601.97	3773332.21	2.10209
371601.97	3773352.21	1.81482	371601.97	3773372.21	1.56776
371621.97	3773132.21	43.77912	371621.97	3773152.21	26.32498
371621.97	3773172.21	16.94871	371621.97	3773192.21	11.96735

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         371621.97    3773212.21        8.99536                      371621.97
3773232.21        6.64403
         371621.97    3773272.21        4.21001                      371621.97
3773292.21        3.55322
         371621.97    3773312.21        2.88201                      371621.97
3773332.21        2.44997
         371621.97    3773352.21        2.02109                      371621.97
3773372.21        1.70304
         371641.97    3773132.21       62.31728                      371641.97
3773152.21       36.27436
         371641.97    3773172.21       22.91020                      371641.97
3773192.21       15.63299
         371641.97    3773212.21       11.14357                      371641.97
3773232.21        8.49445
         371641.97    3773252.21        6.45061                      371641.97
3773272.21        5.16751
         371641.97    3773292.21        4.14505                      371641.97
3773312.21        3.07514
         371641.97    3773332.21        2.41017                      371641.97
3773352.21        2.09079
         371641.97    3773372.21        1.80707                      371661.97
3773132.21       74.24018
         371661.97    3773152.21       46.67456                      371661.97
3773172.21       29.71229
         371661.97    3773192.21       19.76653                      371661.97
3773212.21       13.69029
         371661.97    3773252.21        7.90754                      371661.97
3773272.21        6.09854
         371661.97    3773292.21        4.63172                      371661.97
3773312.21        3.36740
         371661.97    3773332.21        2.69796                      371661.97
3773352.21        2.28567
         371661.97    3773372.21        1.91975                      371681.97
3773132.21       77.48947
         371681.97    3773152.21       54.10997                      371681.97
3773172.21       35.68140
         371681.97    3773192.21       24.40063                      371681.97
3773212.21       17.04350
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
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HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009
, HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017
, HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025
, HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371681.97	3773232.21	12.42095	371681.97	3773252.21	9.25786
371681.97	3773272.21	7.14364	371681.97	3773292.21	4.82690
371681.97	3773312.21	3.97522	371681.97	3773332.21	3.02185
371681.97	3773352.21	2.60020	371681.97	3773372.21	2.18272
371701.97	3773132.21	70.85746	371701.97	3773152.21	54.14377
371701.97	3773172.21	38.98946	371701.97	3773192.21	27.60965
371701.97	3773232.21	14.14099	371701.97	3773252.21	10.40418
371701.97	3773272.21	8.08914	371701.97	3773292.21	5.80207
371701.97	3773312.21	4.64580	371701.97	3773332.21	3.63765
371701.97	3773352.21	2.96350	371701.97	3773372.21	2.47814
371721.97	3773132.21	61.72322	371721.97	3773152.21	50.25298
371721.97	3773172.21	39.83751	371721.97	3773192.21	29.45366
371721.97	3773232.21	15.63960	371721.97	3773252.21	11.63882
371721.97	3773272.21	8.99746	371721.97	3773292.21	6.94747
371721.97	3773312.21	5.23212	371721.97	3773332.21	3.95655
371721.97	3773352.21	3.31572	371721.97	3773372.21	2.76483
371741.97	3773132.21	53.96126	371741.97		

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3773152.21       45.02348
         371741.97    3773172.21       37.89554                       371741.97
3773192.21       30.05614
         371741.97    3773212.21       23.32364                       371741.97
3773232.21       16.15005
         371741.97    3773252.21       12.47946                       371741.97
3773272.21        9.21627
         371741.97    3773292.21        7.11941                       371741.97
3773312.21        5.49534
         371741.97    3773332.21        4.35505                       371741.97
3773352.21        3.61215
         371741.97    3773372.21        3.07367                       371761.97
3773132.21       45.85779
         371761.97    3773152.21       39.88714                       371761.97
3773172.21       35.01902
         371761.97    3773212.21       22.95340                       371761.97
3773232.21       16.74136
         371761.97    3773252.21       13.34397                       371761.97
3773272.21       10.20217
         371761.97    3773292.21        7.14709                       371761.97
3773312.21        5.66317
         371761.97    3773332.21        4.57870                       371761.97
3773352.21        3.82016
         371761.97    3773372.21        3.20544                       371781.97
3773132.21       40.26072
         371781.97    3773152.21       35.35054                       371781.97
3773212.21       22.36923
         371781.97    3773232.21       18.15633                       371781.97
3773252.21       13.97172
         371781.97    3773272.21       10.48564                       371781.97
3773292.21        7.52272
         371781.97    3773312.21        5.88757                       371781.97
3773332.21        4.76826
         371781.97    3773352.21        3.89895                       371781.97
3773372.21        3.26110
         371801.97    3773132.21       36.08958                       371801.97
3773152.21       31.46639
         371801.97    3773192.21       25.24628                       371801.97
3773212.21       21.42117
         371801.97    3773232.21       17.28823                       371801.97
3773252.21       13.88417
         371801.97    3773272.21       10.11053                       371801.97
3773292.21        7.81079
         371801.97    3773312.21        6.13226                       371801.97
3773332.21        4.99567
         371801.97    3773352.21        4.06840                       371801.97
3773372.21        3.45596
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371821.97	3773132.21	32.73996	371821.97	3773152.21	28.14836
371821.97	3773192.21	22.97872	371821.97	3773212.21	20.40267
371821.97	3773232.21	16.26552	371821.97	3773252.21	12.55908
371821.97	3773272.21	9.74758	371821.97	3773292.21	7.84194
371821.97	3773312.21	6.39764	371821.97	3773332.21	5.29572
371821.97	3773352.21	4.34111	371821.97	3773372.21	3.70212
371841.97	3773132.21	30.40709	371841.97	3773152.21	25.66985
371841.97	3773192.21	20.99116	371841.97	3773212.21	18.65744
371841.97	3773232.21	15.10617	371841.97	3773252.21	11.69940
371841.97	3773272.21	9.48969	371841.97	3773292.21	8.04697
371841.97	3773312.21	6.67901	371841.97	3773332.21	5.65139
371841.97	3773352.21	4.97444	371841.97	3773372.21	4.28267

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         371861.97    3773132.21       28.20013                       371861.97
3773152.21       23.48605
         371861.97    3773192.21       19.27805                       371861.97
3773212.21       17.22733
         371861.97    3773232.21       13.79123                       371861.97
3773252.21       11.23798
         371861.97    3773272.21        9.53939                       371861.97
3773292.21        8.33273
         371861.97    3773312.21        7.33609                       371861.97
3773332.21        6.56546
         371861.97    3773352.21        5.90389                       371861.97
3773372.21        4.98606
         371881.97    3773132.21       26.51811                       371881.97
3773152.21       21.95303
         371881.97    3773192.21       17.63174                       371881.97
3773212.21       15.96074
         371881.97    3773232.21       13.24168                       371881.97
3773252.21       11.84474
         371881.97    3773272.21       11.03572                       371881.97
3773292.21        9.69193
         371881.97    3773312.21        8.62100                       371881.97
3773332.21        7.51146
         371881.97    3773352.21        6.49576                       371881.97
3773372.21        5.36564
         371901.97    3773132.21       25.45529                       371901.97
3773152.21       20.66836
         371901.97    3773212.21       14.90498                       371901.97
3773232.21       13.65555
         371901.97    3773252.21       12.45452                       371901.97
3773272.21       11.61175
         371901.97    3773292.21       10.32601                       371901.97
3773312.21        9.22199
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                   PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371629.72	3772904.76	262.97161	(20120119)	371639.72	3772904.76	264.27246	(20120119)
371649.72	3772904.76	262.57565	(20120119)	371659.72	3772904.76	256.06614	(20120119)
371599.72	3772914.76	283.98052	(19121419)	371609.72	3772914.76	286.55416	(20122317)
371619.72	3772914.76	287.71606	(20120119)	371629.72	3772914.76	293.55945	(20120119)
371639.72	3772914.76	293.52508	(20120119)	371649.72	3772914.76	288.91643	(20120119)
371659.72	3772914.76	280.35842	(20120119)	371569.72	3772924.76	344.27269	(19121419)
371579.72	3772924.76	343.31468	(19121419)	371589.72	3772924.76	335.46509	(19121419)
371599.72	3772924.76	321.38626	(19121419)	371609.72	3772924.76	319.77600	(20122317)
371619.72	3772924.76	323.16457	(20120119)	371629.72	3772924.76	329.67269	(20120119)
371639.72	3772924.76	327.34917	(20120119)	371649.72	3772924.76	319.94403	(20120119)
371659.72	3772924.76	308.25219	(20120119)	371569.72	3772934.76	386.25721	(19121419)
371579.72	3772934.76	388.50183	(19121419)	371589.72	3772934.76	382.98733	(19121419)
371599.72	3772934.76	366.09675	(19121419)	371609.72	3772934.76	359.39399	(20122317)
371619.72	3772934.76	366.06075	(20120119)	371629.72	3772934.76	372.14554	(20120119)
371639.72	3772934.76	368.48296	(20120119)	371649.72	3772934.76	357.83278	(20120119)
371659.72	3772934.76	340.51579	(20120119)	371569.72	3772944.76	437.14320	(19121419)
371579.72	3772944.76	443.55364	(19121419)	371589.72	3772944.76	438.48709	(19121419)
371599.72	3772944.76	419.76337	(19121419)	371609.72	3772944.76	410.11083	(20122317)
371619.72	3772944.76	422.78282	(20120119)	371629.72	3772944.76	424.19767	(20120119)
371639.72	3772944.76	415.98280	(20120119)	371649.72	3772944.76	399.77327	(20120119)
371659.72	3772944.76	377.37306	(20120119)	371569.72	3772954.76	499.75026	(19121419)
371579.72	3772954.76	512.09645	(19121419)	371589.72	3772954.76	509.84009	(19121419)
371599.72	3772954.76	490.42216	(19121419)	371609.72	3772954.76	478.79878	(20120119)

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        371619.72   3772954.76      491.91207  (20120119)                371629.72
3772954.76      489.21109  (20120119)
        371639.72   3772954.76      475.47111  (20120119)                371649.72
3772954.76      451.78396  (20120119)
        371659.72   3772954.76      419.89325  (20120119)                371569.72
3772964.76      577.23336  (19121419)
        371579.72   3772964.76      599.56438  (19121419)                371589.72
3772964.76      604.49956  (19121419)
        371599.72   3772964.76      584.27473  (19121419)                371609.72
3772964.76      570.05049  (20120119)
        371619.72   3772964.76      582.41963  (20120119)                371629.72
3772964.76      572.54867  (20120119)
        371639.72   3772964.76      548.24485  (20120119)                371649.72
3772964.76      513.54808  (20120119)
        371659.72   3772964.76      469.38616  (20120119)                371569.72
3772970.33      628.58862  (19121419)
        371579.72   3772970.33      657.86450  (19121419)                371589.72
3772970.33      666.48096  (19121419)
        371599.72   3772970.33      647.44586  (19121419)                371609.72
3772970.33      634.25633  (20120119)
        371619.72   3772974.76      700.16796  (20120119)                371629.72
3772974.76      678.19989  (20120119)
        371639.72   3772974.76      636.99817  (20120119)                371649.72
3772974.76      584.44691  (20120119)
        371659.72   3772974.76      526.52293  (20120119)                371619.72
3772984.76      854.90056  (20120119)
        371629.72   3772984.76      813.56663  (20120119)                371639.72
3772984.76      747.83474  (20120119)
        371649.72   3772984.76      669.90265  (20120119)                371659.72
3772984.76      591.05957  (20120119)
        371569.87   3772991.40      903.07187  (19121419)                371579.87
3772991.40      992.69358  (19121419)
        371589.87   3772991.40     1040.56375  (19121419)                371599.87
3772991.40     1028.45064  (19121419)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371609.87	3772991.40	1007.00529	(20120119)	371619.72	3772994.76	1083.13006	(20120119)
371629.72	3772994.76	1005.58873	(20120119)	371639.72	3772994.76	896.42655	(20120119)
371649.72	3772994.76	777.83066	(20120119)	371659.72	3772994.76	665.73468	(23120819)
371570.04	3773001.54	1135.18807	(22120216)	371580.04	3773001.54	1254.87966	(19121419)
371590.04	3773001.54	1351.74537	(19121419)	371600.04	3773001.54	1349.35262	(19121419)
371610.04	3773001.54	1328.98989	(20120119)	371619.72	3773004.76	1431.17820	(20120119)
371629.72	3773004.76	1286.86749	(20120119)	371639.72	3773004.76	1098.13841	(20120119)
371649.72	3773004.76	916.91183	(20120119)	371659.72	3773004.76	797.81061	(23120819)
371619.72	3773014.76	1970.45146	(20120119)	371629.72	3773014.76	1706.17554	(20120119)
371639.72	3773014.76	1370.05675	(20120119)	371649.72	3773014.76	1148.13866	(23120819)
371659.72	3773014.76	934.31254	(23120819)	371619.72	3773020.25	2374.64223	(20120119)
371629.72	3773020.25	1994.91057	(20120119)	371639.72	3773020.25	1525.99294	(23120819)
371649.72	3773020.25	1248.73779	(23120819)	371659.72	3773020.25	1001.38818	(23120819)
371678.38	3772888.96	213.14119	(20120119)	371688.38	3772888.96	205.65979	(20120119)
371698.38	3772888.96	196.61814	(20120119)	371708.38	3772888.96	186.30588	(20120119)
371718.38	3772888.96	175.02150	(20120119)	371678.38	3772898.96	229.16832	(20120119)
371688.38	3772898.96	219.00903	(20120119)	371698.38	3772898.96	208.36692	(20120119)
371708.38	3772898.96	196.62848	(20120119)	371718.38	3772898.96	183.99743	(20120119)
371678.38	3772918.96	267.06256	(20120119)	371688.38	3772918.96	250.39096	(20120119)
371698.38	3772918.96	234.64879	(20120119)	371708.38	3772918.96	219.30154	(23010619)
371718.38	3772918.96	207.25752	(23010619)	371678.38	3772928.96	289.62632	(20120119)
371688.38	3772928.96	270.48004	(20120119)	371698.38	3772928.96	250.82591	(20120119)

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        371708.38   3772928.96      235.98955  (23010619)                371718.38
3772928.96      220.85710  (23010619)
        371678.38   3772938.96      314.36628  (20120119)                371688.38
3772938.96      291.08480  (20120119)
        371698.38   3772938.96      269.64300  (23010619)                371708.38
3772938.96      251.25767  (23010619)
        371718.38   3772938.96      233.42093  (23010619)                371678.38
3772948.96      341.01000  (20120119)
        371688.38   3772948.96      312.50076  (23010619)                371698.38
3772948.96      290.35060  (23010619)
        371708.38   3772948.96      267.94387  (23010619)                371718.38
3772948.96      252.26242  (23120819)
        371678.38   3772958.96      369.78819  (20120119)                371688.38
3772958.96      339.45662  (23010619)
        371698.38   3772958.96      310.95591  (23010619)                371708.38
3772958.96      292.97779  (23120819)
        371718.38   3772958.96      277.33823  (23120819)                371678.38
3772968.96      403.60357  (23010619)
        371688.38   3772968.96      367.76053  (23010619)                371698.38
3772968.96      346.64846  (23120819)
        371708.38   3772968.96      324.68437  (23120819)                371718.38
3772968.96      303.36993  (23120819)
        371678.38   3772978.96      446.03855  (23120819)                371688.38
3772978.96      418.37565  (23120819)
        371698.38   3772978.96      387.45599  (23120819)                371708.38
3772978.96      356.81736  (23120819)
        371718.38   3772978.96      328.75303  (23120819)                371678.38
3772988.96      513.65652  (23120819)
        371688.38   3772988.96      471.74628  (23120819)                371698.38
3772988.96      426.67888  (23120819)
        371708.38   3772988.96      385.17768  (23120819)                371718.38
3772988.96      350.16368  (23120819)
        371678.38   3772998.96      582.40168  (23120819)                371688.38
3772998.96      521.98864  (23120819)
        371698.38   3772998.96      462.98715  (23120819)                371708.38
3772998.96      412.96547  (23120819)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                   INCLUDING SOURCE(S):   CONSTR   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371718.38	3772998.96	371.13119	(23120819)	371678.38	3773008.96	647.84835	(23120819)
371688.38	3773008.96	566.92751	(23120819)	371698.38	3773008.96	495.04322	(23120819)
371708.38	3773008.96	434.95435	(23120819)	371718.38	3773008.96	385.25620	(23120819)
371678.38	3773018.96	700.85828	(23120819)	371688.38	3773018.96	599.31190	(23120819)
371698.38	3773018.96	514.71775	(23120819)	371708.38	3773018.96	449.49259	(20112319)
371718.38	3773018.96	398.68032	(20112319)	371734.81	3772871.37	146.16424	(20120119)
371754.81	3772871.37	135.37916	(23010619)	371774.81	3772871.37	123.41038	(23010619)
371734.81	3772911.37	180.71185	(23010619)	371754.81	3772911.37	160.40596	(23010619)
371774.81	3772911.37	148.62020	(23120819)	371734.81	3772931.37	198.97650	(23010619)
371754.81	3772931.37	185.15479	(23120819)	371774.81	3772931.37	169.58886	(23120819)
371734.81	3772951.37	239.28960	(23120819)	371754.81	3772951.37	214.00140	(23120819)
371774.81	3772951.37	189.36061	(23120819)	371734.81	3772971.37	272.20204	(23120819)
371754.81	3772971.37	235.39952	(23120819)	371774.81	3772971.37	204.14082	(23120819)
371734.81	3772991.37	304.17420	(23120819)	371754.81	3772991.37	253.72626	(23120819)
371774.81	3772991.37	213.61137	(23120819)	371734.81	3773011.37	323.06622	(20112319)
371754.81	3773011.37	268.15500	(20112319)	371774.81	3773011.37	227.29502	(20112319)
371799.03	3772785.46	82.75835	(23010619)	371819.03	3772785.46	78.97449	(23010619)
371839.03	3772785.46	74.75993	(23010619)	371859.03	3772785.46	69.80620	(23010619)
371879.03	3772785.46	64.89004	(23010619)	371899.03	3772785.46	60.64119	(23010619)
371919.03	3772785.46	57.21455	(22010719)	371939.03	3772785.46	55.38215	(23120819)
371799.03	3772805.46	88.91107	(23010619)	371819.03	3772805.46	83.88988	(23010619)

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        371839.03   3772805.46       78.45655  (23010619)                371859.03
3772805.46       72.41803  (23010619)
        371879.03   3772805.46       66.95697  (23010619)                371899.03
3772805.46       64.10228  (22010719)
        371919.03   3772805.46       62.40441  (23120819)                371939.03
3772805.46       60.74089  (23120819)
        371799.03   3772825.46       95.36332  (23010619)                371819.03
3772825.46       88.87690  (23010619)
        371839.03   3772825.46       82.71383  (23010619)                371859.03
3772825.46       75.96186  (23010619)
        371879.03   3772825.46       71.67139  (23120819)                371899.03
3772825.46       70.65727  (23120819)
        371919.03   3772825.46       68.54328  (23120819)                371939.03
3772825.46       65.72742  (23120819)
        371799.03   3772845.46      101.81072  (23010619)                371819.03
3772845.46       93.69401  (23010619)
        371839.03   3772845.46       85.97630  (23010619)                371859.03
3772845.46       83.09438  (23120819)
        371879.03   3772845.46       79.86784  (23120819)                371899.03
3772845.46       77.39515  (23120819)
        371919.03   3772845.46       73.97384  (23120819)                371939.03
3772845.46       70.43459  (23120819)
        371799.03   3772865.46      107.84862  (23010619)                371819.03
3772865.46       98.61669  (23120819)
        371839.03   3772865.46       95.48221  (23120819)                371859.03
3772865.46       91.71801  (23120819)
        371879.03   3772865.46       87.53997  (23120819)                371899.03
3772865.46       83.19281  (23120819)
        371919.03   3772865.46       78.65626  (23120819)                371939.03
3772865.46       74.08453  (23120819)
        371799.03   3772885.46      116.26815  (23120819)                371819.03
3772885.46      112.36269  (23120819)
        371839.03   3772885.46      106.65713  (23120819)                371859.03
3772885.46      100.73135  (23120819)
        371879.03   3772885.46       94.73605  (23120819)                371899.03
3772885.46       88.68238  (23120819)
        371919.03   3772885.46       82.94652  (23120819)                371939.03
3772885.46       77.20671  (23120819)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CONSTR   ***
                                   INCLUDING SOURCE(S):     CONSTR      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371799.03	3772905.46	132.69991	(23120819)	371819.03	3772905.46	125.68536	(23120819)
371839.03	3772905.46	116.61055	(23120819)	371859.03	3772905.46	108.63384	(23120819)
371879.03	3772905.46	100.47927	(23120819)	371899.03	3772905.46	93.19472	(23120819)
371919.03	3772905.46	86.00474	(23120819)	371939.03	3772905.46	79.88302	(23120819)
371799.03	3772925.46	148.52179	(23120819)	371819.03	3772925.46	136.77396	(23120819)
371839.03	3772925.46	125.13677	(23120819)	371859.03	3772925.46	114.20148	(23120819)
371879.03	3772925.46	104.78816	(23120819)	371899.03	3772925.46	96.00511	(23120819)
371919.03	3772925.46	87.65335	(23120819)	371939.03	3772925.46	80.77663	(23120819)
371799.03	3772945.46	162.01985	(23120819)	371819.03	3772945.46	145.92941	(23120819)
371839.03	3772945.46	131.47801	(23120819)	371859.03	3772945.46	118.27843	(23120819)
371879.03	3772945.46	107.10325	(23120819)	371899.03	3772945.46	97.15153	(23120819)
371919.03	3772945.46	88.21077	(23120819)	371939.03	3772945.46	80.97762	(20112319)
371799.03	3772965.46	172.19023	(23120819)	371819.03	3772965.46	151.98559	(23120819)
371839.03	3772965.46	134.69789	(23120819)	371859.03	3772965.46	119.75617	(23120819)
371879.03	3772965.46	108.13701	(20112319)	371899.03	3772965.46	99.76049	(20112319)
371919.03	3772965.46	92.22588	(20112319)	371939.03	3772965.46	85.54288	(20112319)
371799.03	3772985.46	176.64361	(23120819)	371819.03	3772985.46	155.49596	(20112319)
371839.03	3772985.46	139.19181	(20112319)	371859.03	3772985.46	126.06828	(20112319)
371879.03	3772985.46	114.49289	(20112319)	371899.03	3772985.46	104.56316	(20112319)
371919.03	3772985.46	96.19646	(20112319)	371939.03	3772985.46	88.99165	(20112319)

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        371799.03   3773005.46      187.38482  (20112319)                371819.03
3773005.46      164.48909  (20112319)
        371839.03   3773005.46      146.03631  (20112319)                371859.03
3773005.46      131.61758  (20112319)
        371879.03   3773005.46      119.00498  (20112319)                371899.03
3773005.46      108.43471  (20112319)
        371919.03   3773005.46       99.06837  (20112319)                371939.03
3773005.46       91.04242  (20112319)
        371437.18   3772897.50      165.22549  (23011919)                371437.18
3772917.50      186.68132  (23011919)
        371437.18   3772937.50      205.74329  (23011919)                371437.18
3772957.50      225.60164  (23011919)
        371457.18   3772897.50      172.47396  (23011919)                371457.18
3772917.50      201.19725  (23011919)
        371457.18   3772937.50      227.89148  (23011919)                371477.18
3772897.50      182.58622  (19121419)
        371477.18   3772917.50      209.53620  (23011919)                371477.18
3772937.50      250.00658  (23011919)
        371497.18   3772877.50      187.02531  (19121419)                371497.18
3772897.50      208.18709  (19121419)
        371497.18   3772917.50      230.04298  (19121419)                371497.18
3772937.50      262.86983  (23011919)
        371517.18   3772877.50      202.72831  (19121419)                371517.18
3772897.50      228.81836  (19121419)
        371517.18   3772917.50      259.39358  (19121419)                371537.18
3772857.50      183.51777  (19121419)
        371537.18   3772877.50      211.19474  (19121419)                371537.18
3772897.50      245.44311  (19121419)
        371537.18   3772917.50      290.81368  (19121419)                371557.18
3772857.50      183.59114  (19121419)
        371557.18   3772877.50      214.78399  (19121419)                371557.18
3772897.50      254.07063  (19121419)
        371557.18   3772917.50      312.49293  (19121419)                371577.18
3772837.50      149.88886  (19121419)
        371577.18   3772857.50      176.87858  (19121419)                371577.18
3772877.50      208.03821  (19121419)
        371577.18   3772897.50      251.53416  (19121419)                371597.18
3772837.50      144.45909  (20122317)
        371597.18   3772857.50      166.19344  (20122317)                371597.18
3772877.50      192.57328  (20122317)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CONSTR   ***
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INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371597.18	3772897.50	235.44345	(19121419)	371617.18	3772817.50	129.92422	(20122317)
371617.18	3772837.50	148.09424	(20122317)	371617.18	3772857.50	171.05898	(20122317)
371617.18	3772877.50	198.44863	(20122317)	371617.18	3772897.50	241.14081	(20122317)
371637.18	3772817.50	129.91607	(20122317)	371637.18	3772837.50	147.36650	(20122317)
371637.18	3772857.50	168.24752	(20120119)	371637.18	3772877.50	201.30443	(20120119)
371657.18	3772797.50	115.68018	(20120119)	371657.18	3772817.50	131.37968	(20120119)
371657.18	3772837.50	149.49370	(20120119)	371657.18	3772857.50	173.52294	(20120119)
371657.18	3772877.50	202.97048	(20120119)	371677.18	3772777.50	104.39001	(20120119)
371677.18	3772797.50	117.08892	(20120119)	371677.18	3772817.50	132.17760	(20120119)
371677.18	3772837.50	149.54911	(20120119)	371677.18	3772857.50	169.84216	(20120119)
371697.18	3772777.50	104.42056	(20120119)	371697.18	3772797.50	115.56891	(20120119)
371697.18	3772817.50	128.10628	(20120119)	371697.18	3772837.50	143.12307	(20120119)
371697.18	3772857.50	161.81656	(20120119)	371717.18	3772757.50	93.76922	(20120119)
371717.18	3772777.50	102.14585	(20120119)	371717.18	3772797.50	111.35752	(20120119)
371717.18	3772817.50	122.63414	(20120119)	371717.18	3772837.50	135.95599	(20120119)
371717.18	3772857.50	150.35139	(20120119)	371737.18	3772737.50	83.49400	(20120119)
371737.18	3772757.50	90.59341	(20120119)	371737.18	3772777.50	98.02827	(20120119)
371737.18	3772797.50	106.31296	(20120119)	371737.18	3772817.50	115.35070	(20120119)
371737.18	3772837.50	125.31202	(20120119)	371757.18	3772737.50	80.65364	(20120119)

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        371757.18   3772757.50       86.47599  (20120119)                371757.18
3772777.50       92.98593  (20120119)
        371757.18   3772797.50       99.65202  (20120119)                371757.18
3772817.50      106.40044  (20120119)
        371757.18   3772837.50      114.06275  (23010619)                371268.76
3772892.70       88.60271  (20120719)
        371268.76   3772912.70       90.67083  (20120719)                371268.76
3772932.70       91.58905  (20120719)
        371268.76   3772952.70       90.57219  (20120719)                371268.76
3772972.70       87.98538  (20010719)
        371268.76   3772992.70       87.99931  (20010719)                371268.76
3773012.70       91.82490  (19102919)
        371268.76   3773032.70      125.68914  (19102919)                371268.76
3773052.70      135.72026  (19102919)
        371268.76   3773072.70      137.79289  (19102919)                371288.76
3772772.70       69.37578  (23011919)
        371288.76   3772792.70       75.17909  (23011919)                371288.76
3772812.70       80.64481  (23011919)
        371288.76   3772832.70       85.79743  (23011919)                371288.76
3772852.70       90.15846  (23011919)
        371288.76   3772912.70       98.53545  (20120719)                371288.76
3772932.70       99.98469  (20120719)
        371288.76   3772952.70       99.38802  (20120719)                371288.76
3772972.70       96.87371  (20120719)
        371288.76   3772992.70       96.10892  (20010719)                371288.76
3773012.70       99.87108  (19102919)
        371288.76   3773032.70      133.93816  (19102919)                371288.76
3773052.70      146.69205  (19102919)
        371288.76   3773072.70      146.43729  (19102919)                371308.76
3772712.70       58.57212  (19013119)
        371308.76   3772732.70       62.82963  (19013119)                371308.76
3772752.70       67.01742  (19013119)
        371308.76   3772772.70       70.81595  (19013119)                371308.76
3772792.70       76.86825  (23011919)
        371308.76   3772812.70       82.36948  (23011919)                371308.76
3772832.70       90.54551  (23011919)
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3772912.70      106.05451  (20120719)
        371308.76   3772932.70      109.23479  (20120719)                371308.76
3772952.70      109.61244  (20120719)
        371308.76   3772972.70      107.64941  (20120719)                371308.76
3772992.70      105.61505  (20010719)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                  PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371308.76	3773012.70	109.17317	(19102919)	371308.76	3773032.70	112.50375	(19102919)
371308.76	3773052.70	154.51580	(19102919)	371308.76	3773072.70	157.31655	(19102919)
371328.76	3772712.70	59.60806	(21111219)	371328.76	3772732.70	64.33741	(19013119)
371328.76	3772752.70	69.15652	(19013119)	371328.76	3772772.70	74.03006	(19013119)
371328.76	3772792.70	78.64318	(23011919)	371328.76	3772812.70	86.18643	(23011919)
371328.76	3772832.70	93.79469	(23011919)	371328.76	3772852.70	101.04579	(23011919)
371328.76	3772872.70	107.24716	(23011919)	371328.76	3772932.70	119.49405	(20120719)
371328.76	3772952.70	121.18977	(20120719)	371328.76	3772972.70	119.88527	(20120719)
371328.76	3772992.70	116.60143	(20010719)	371328.76	3773012.70	120.00310	(19102919)
371328.76	3773032.70	124.11197	(19102919)	371328.76	3773052.70	164.65245	(19102919)
371328.76	3773072.70	166.28630	(19102919)	371348.76	3772712.70	63.30993	(21111219)
371348.76	3772732.70	65.91994	(21111219)	371348.76	3772752.70	70.42961	(19013119)
371348.76	3772772.70	76.47863	(19013119)	371348.76	3772792.70	81.81999	(19013119)
371348.76	3772812.70	88.70895	(23011919)	371348.76	3772832.70	97.30985	(23011919)
371348.76	3772852.70	106.30619	(23011919)	371348.76	3772872.70	113.84295	(23011919)
371348.76	3772892.70	121.02131	(23011919)	371348.76	3772952.70	134.02110	(20120719)
371348.76	3772972.70	133.75987	(20120719)	371348.76	3772992.70	130.28432	(20120719)
371348.76	3773012.70	132.86167	(19102919)	371348.76	3773032.70	138.01133	(19102919)

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        371348.76   3773052.70      139.19977  (19102919)                371348.76
3773072.70      177.26030  (19102919)
        371368.76   3772712.70       67.34004  (19121419)                371368.76
3772732.70       69.72596  (21111219)
        371368.76   3772752.70       72.95957  (21111219)                371368.76
3772772.70       77.64457  (19013119)
        371368.76   3772792.70       84.70944  (19013119)                371368.76
3772812.70       91.72007  (19013119)
        371368.76   3772832.70      100.25828  (23011919)                371368.76
3772852.70      110.86390  (23011919)
        371368.76   3772872.70      121.71200  (23011919)                371368.76
3772892.70      130.15084  (23011919)
        371368.76   3772972.70      151.00719  (20120719)                371368.76
3772992.70      148.52688  (20120719)
        371368.76   3773012.70      148.38567  (19102919)                371368.76
3773032.70      154.83761  (19102919)
        371388.76   3772712.70       71.72687  (19121419)                371388.76
3772732.70       74.84292  (19121419)
        371388.76   3772752.70       77.92692  (19121419)                371388.76
3772772.70       81.37087  (21111219)
        371388.76   3772792.70       86.05045  (19013119)                371388.76
3772812.70       94.98495  (19013119)
        371388.76   3772832.70      103.87107  (19013119)                371388.76
3772852.70      114.59772  (23011919)
        371388.76   3772872.70      128.73805  (23011919)                371388.76
3772892.70      140.16456  (23011919)
        371388.76   3772972.70      170.96773  (20120719)                371388.76
3772992.70      170.46402  (20120719)
        371388.76   3773012.70      166.92710  (19102919)                371408.76
3772712.70       75.90159  (19121419)
        371408.76   3772732.70       79.72078  (19121419)                371408.76
3772752.70       84.17804  (19121419)
        371408.76   3772772.70       88.03420  (19121419)                371408.76
3772792.70       91.94788  (19121419)
        371408.76   3772812.70       97.45769  (19013119)                371408.76
3772832.70      107.52818  (19013119)
        371408.76   3772852.70      119.00742  (19013119)                371408.76
3772872.70      133.51332  (23011919)
        371408.76   3772892.70      149.11882  (23011919)                371428.76
3772712.70       79.62128  (19121419)
        371428.76   3772732.70       84.47318  (19121419)                371428.76
3772752.70       89.98733  (19121419)
        371428.76   3772772.70       95.23181  (19121419)                371428.76
3772792.70      100.66130  (19121419)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371428.76	3772812.70	106.54807	(19121419)	371428.76	3772832.70	111.61110	(19121419)
371428.76	3772852.70	123.50003	(19013119)	371428.76	3772872.70	137.12725	(19013119)
371448.76	3772712.70	82.04769	(19121419)	371448.76	3772732.70	87.85733	(19121419)
371448.76	3772752.70	93.96676	(19121419)	371448.76	3772772.70	100.82841	(19121419)
371448.76	3772792.70	108.20794	(19121419)	371448.76	3772812.70	116.08353	(19121419)
371448.76	3772832.70	124.39220	(19121419)	371448.76	3772852.70	132.08166	(19121419)
371468.76	3772712.70	83.53740	(19121419)	371468.76	3772732.70	90.25077	(19121419)
371468.76	3772752.70	97.75517	(19121419)	371468.76	3772772.70	106.02811	(19121419)
371468.76	3772792.70	115.06782	(19121419)	371468.76	3772812.70	126.14430	(19121419)
371468.76	3772832.70	136.43370	(19121419)	371468.76	3772852.70	146.84775	(19121419)
371488.76	3772712.70	84.70021	(19121419)	371488.76	3772732.70	91.91500	(19121419)
371488.76	3772752.70	100.26332	(19121419)	371488.76	3772772.70	109.44358	(19121419)
371488.76	3772792.70	119.90582	(19121419)	371488.76	3772812.70	133.54433	(19121419)
371488.76	3772832.70	146.31353	(19121419)	371488.76	3772852.70	159.43308	(19121419)
371508.76	3772712.70	84.09547	(19121419)	371508.76	3772732.70	91.70640	(19121419)
371508.76	3772752.70	100.98010	(19121419)	371508.76	3772772.70	110.98068	(19121419)
371508.76	3772792.70	122.83088	(19121419)	371508.76	3772812.70	138.23656	(19121419)

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        371508.76   3772832.70      152.84210  (19121419)                371528.76
3772712.70       81.97430  (19121419)
        371528.76   3772732.70       90.21214  (19121419)                371528.76
3772752.70       99.85721  (19121419)
        371528.76   3772772.70      110.39548  (19121419)                371528.76
3772792.70      123.48394  (19121419)
        371528.76   3772812.70      139.11538  (19121419)                371528.76
3772832.70      156.24565  (19121419)
        371548.76   3772712.70       78.32127  (19121419)                371548.76
3772732.70       86.56729  (19121419)
        371548.76   3772752.70       95.93564  (19121419)                371548.76
3772772.70      107.07782  (19121419)
        371548.76   3772792.70      120.02998  (19121419)                371548.76
3772812.70      135.29673  (19121419)
        371548.76   3772832.70      154.34995  (19121419)                371568.76
3772712.70       75.53262  (21010418)
        371568.76   3772732.70       82.90077  (21010418)                371568.76
3772752.70       91.68704  (21010418)
        371568.76   3772772.70      102.15342  (19121419)                371568.76
3772792.70      114.34071  (19121419)
        371568.76   3772812.70      129.58005  (19121419)                371588.76
3772712.70       74.01677  (22122919)
        371588.76   3772732.70       80.53769  (22122919)                371588.76
3772752.70       88.66986  (22122919)
        371588.76   3772772.70       97.38901  (22122919)                371588.76
3772792.70      108.48592  (21010418)
        371608.76   3772712.70       75.99580  (20122317)                371608.76
3772732.70       82.93547  (20122317)
        371608.76   3772752.70       91.43786  (20122317)                371608.76
3772772.70      100.51620  (20122317)
        371608.76   3772792.70      111.26960  (20122317)                371628.76
3772712.70       77.41155  (20122317)
        371628.76   3772732.70       84.40342  (20122317)                371628.76
3772752.70       92.88349  (20122317)
        371628.76   3772772.70      102.02379  (20122317)                371648.76
3772712.70       76.99940  (20122317)
        371648.76   3772732.70       83.69150  (20122317)                371648.76
3772752.70       91.30220  (20122317)
        371648.76   3772772.70      100.11619  (20122317)                371668.76
3772712.70       75.66696  (20122317)
        371668.76   3772732.70       82.63795  (20120119)                371668.76
3772752.70       90.98345  (20120119)
        371688.76   3772712.70       77.19423  (20120119)                371688.76
3772732.70       84.00849  (20120119)
        371708.76   3772712.70       77.42657  (20120119)                371281.97
3773112.21      144.88871  (22020519)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371281.97	3773132.21	153.06917	(22020519)	371281.97	3773152.21	154.74022	(22020519)
371281.97	3773172.21	147.79021	(22020519)	371281.97	3773192.21	142.49723	(21010419)
371281.97	3773212.21	136.11948	(21010419)	371281.97	3773232.21	125.25264	(21010419)
371281.97	3773252.21	111.74435	(19012618)	371281.97	3773272.21	92.62156	(23101119)
371281.97	3773292.21	82.11267	(23111119)	371281.97	3773312.21	86.25808	(23111119)
371281.97	3773332.21	84.58766	(23111119)	371281.97	3773352.21	82.18048	(23111119)
371281.97	3773372.21	76.56635	(20120419)	371301.97	3773112.21	158.88880	(22020519)
371301.97	3773132.21	164.11640	(22020519)	371301.97	3773152.21	165.76824	(22020519)
371301.97	3773172.21	154.91677	(21010419)	371301.97	3773192.21	153.97849	(21010419)
371301.97	3773212.21	143.79181	(21010419)	371301.97	3773232.21	131.80488	(19012618)
371301.97	3773252.21	117.32838	(23101119)	371301.97	3773272.21	99.05753	(23101119)
371301.97	3773292.21	94.10813	(23111119)	371301.97	3773312.21	92.66912	(23111119)
371301.97	3773332.21	89.11559	(23111119)	371301.97	3773352.21	83.46244	(23111119)
371301.97	3773372.21	85.31714	(20120419)	371321.97	3773112.21	173.58374	(22020519)
371321.97	3773132.21	175.40832	(22020519)	371321.97	3773152.21	176.19307	(22020519)
371321.97	3773172.21	168.82548	(21010419)	371321.97	3773192.21	164.21184	(21010419)

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        371321.97   3773212.21      150.04576  (21010419)               371321.97
3773232.21      137.70870  (19012618)
        371321.97   3773252.21      123.91144  (23101119)               371321.97
3773272.21      120.36678  (23111119)
        371321.97   3773292.21      109.56953  (23111119)               371321.97
3773312.21       99.81860  (23111119)
        371321.97   3773332.21       90.14843  (20120419)               371321.97
3773352.21       93.08492  (20120419)
        371321.97   3773372.21       93.96927  (20120419)               371341.97
3773112.21      191.41056  (22020519)
        371341.97   3773132.21      193.73585  (22020519)               371341.97
3773152.21      187.67956  (22020519)
        371341.97   3773172.21      184.11326  (21010419)               371341.97
3773192.21      172.63862  (21010419)
        371341.97   3773212.21      156.46062  (19012618)               371341.97
3773232.21      141.29179  (23101119)
        371341.97   3773252.21      129.53511  (23111119)               371341.97
3773272.21      124.90989  (23111119)
        371341.97   3773292.21      115.62829  (23111119)               371341.97
3773312.21      109.02041  (20120419)
        371341.97   3773332.21      104.09304  (20120419)               371341.97
3773352.21       99.99743  (20120419)
        371341.97   3773372.21       96.07875  (20120419)               371361.97
3773112.21      216.80653  (22020519)
        371361.97   3773132.21      215.95117  (22020519)               371361.97
3773152.21      205.34342  (21010419)
        371361.97   3773172.21      198.20397  (21010419)               371361.97
3773192.21      176.86788  (21010419)
        371361.97   3773212.21      160.57734  (23101119)               371361.97
3773232.21      151.18610  (23111119)
        371361.97   3773292.21      126.27669  (20120419)               371361.97
3773312.21      123.46736  (20120419)
        371361.97   3773332.21      113.87162  (20120419)               371361.97
3773352.21      103.46606  (20120419)
        371361.97   3773372.21       92.06469  (20120419)               371381.97
3773112.21      241.41476  (22020519)
        371381.97   3773132.21      237.28624  (22020519)               371381.97
3773152.21      226.90381  (21010419)
        371381.97   3773172.21      209.58538  (21010419)               371381.97
3773192.21      186.85337  (19012618)
        371381.97   3773212.21      169.64714  (23111119)               371381.97
3773232.21      169.15573  (23111119)
        371381.97   3773252.21      156.49198  (23111119)               371381.97
3773272.21      148.36792  (20120419)
        371381.97   3773292.21      145.66845  (20120419)               371381.97
3773352.21      106.45261  (20120419)
        371381.97   3773372.21       98.89174  (21010518)               371401.97
3773112.21      272.10968  (22020519)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONSTR   ***
                                 INCLUDING SOURCE(S):   CONSTR   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371401.97   3773132.21   258.36410 (21010419)   371401.97
3773152.21   246.01500 (21010419)
        371401.97   3773172.21   208.24798 (21010419)   371401.97
3773192.21   188.90534 (23101119)
        371401.97   3773212.21   185.73289 (23111119)   371401.97
3773232.21   173.44661 (23111119)
        371401.97   3773252.21   171.18109 (20120419)   371401.97
3773272.21   163.63825 (20120419)
        371401.97   3773292.21   152.98085 (20120419)   371401.97
3773312.21   134.40749 (20120419)
        371401.97   3773332.21   115.94413 (21010518)   371401.97
3773352.21   113.35867 (21010518)
        371401.97   3773372.21   108.43630 (21010518)   371421.97
3773112.21   307.49897 (22020519)
        371421.97   3773132.21   291.52218 (21010419)   371421.97
3773152.21   264.94478 (21010419)
        371421.97   3773172.21   227.76295 (19012618)   371421.97
3773192.21   217.29221 (23111119)
        371421.97   3773212.21   196.63757 (23111119)   371421.97
3773232.21   194.59829 (20120419)
        371421.97   3773252.21   178.06591 (20120419)   371421.97
3773272.21   163.62938 (20120419)
        371421.97   3773292.21   145.62998 (20120419)   371421.97
3773312.21   134.16488 (21010518)
        371421.97   3773332.21   127.36645 (21010518)   371421.97
3773352.21   119.05946 (21010518)
        371421.97   3773372.21   109.16707 (21010518)   371441.97
3773112.21   339.99734 (22020519)
        371441.97   3773132.21   326.34346 (21010419)   371441.97
3773152.21   285.72612 (19012618)

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        371441.97   3773172.21      247.88506  (23111119)              371441.97
3773192.21      212.33240  (23111119)
        371441.97   3773212.21      196.82339  (20120419)              371441.97
3773232.21      188.07025  (20120419)
        371441.97   3773252.21      165.86216  (20120419)              371441.97
3773272.21      143.38218  (20120419)
        371441.97   3773292.21      140.60877  (21010518)              371441.97
3773312.21      134.98768  (21010518)
        371441.97   3773332.21      124.91542  (21010518)              371441.97
3773352.21      112.39159  (21010518)
        371441.97   3773372.21       98.21796  (21010518)              371461.97
3773112.21      382.71945  (21010419)
        371461.97   3773132.21      360.84447  (19012618)              371461.97
3773152.21      328.14714  (23111119)
        371461.97   3773172.21      290.23025  (23111119)              371461.97
3773192.21      260.32651  (20120419)
        371461.97   3773252.21      166.24320  (21010518)              371461.97
3773272.21      160.20024  (21010518)
        371461.97   3773292.21      148.42160  (21010518)              371461.97
3773312.21      132.80392  (21010518)
        371461.97   3773332.21      116.01289  (21010518)              371461.97
3773352.21       99.20659  (23122719)
        371461.97   3773372.21       89.71874  (23122719)              371481.97
3773172.21      361.42594  (20120419)
        371481.97   3773192.21      329.93717  (20120419)              371481.97
3773252.21      181.84616  (21010518)
        371481.97   3773272.21      162.14891  (21010518)              371481.97
3773292.21      140.22099  (21010518)
        371481.97   3773312.21      119.32671  (21010518)              371481.97
3773332.21      105.86826  (23122719)
        371481.97   3773352.21       99.77075  (21111319)              371481.97
3773372.21       95.34237  (21111319)
        371501.97   3773172.21      397.30327  (20120419)              371501.97
3773192.21      319.66580  (21010518)
        371501.97   3773232.21      206.79802  (21010518)              371501.97
3773252.21      176.98375  (21010518)
        371501.97   3773272.21      156.17986  (21010518)              371501.97
3773292.21      143.67168  (20121019)
        371501.97   3773312.21      145.63258  (20121019)              371501.97
3773332.21      138.64133  (20121019)
        371501.97   3773352.21      130.29648  (20121019)              371501.97
3773372.21      124.84436  (20121019)
        371521.97   3773172.21      349.80269  (21010518)              371521.97
3773192.21      293.96647  (21010518)
        371521.97   3773212.21      237.42427  (21010518)              371521.97
3773232.21      195.26267  (21010518)
        371521.97   3773252.21      193.43987  (20121019)              371521.97
3773272.21      193.15269  (20121019)
        371521.97   3773292.21      183.89475  (20121019)              371521.97
3773312.21      173.87746  (20121019)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371521.97	3773332.21	157.69683	(20121019)	371521.97	3773352.21	145.54832	(20121019)
371521.97	3773372.21	134.67809	(20121019)	371541.97	3773172.21	363.93823	(21010518)
371541.97	3773192.21	276.66985	(20121019)	371541.97	3773212.21	272.50498	(20121019)
371541.97	3773232.21	260.41358	(20121019)	371541.97	3773252.21	244.68324	(20121019)
371541.97	3773272.21	223.13187	(20121019)	371541.97	3773292.21	200.02975	(20121019)
371541.97	3773312.21	183.38774	(20121019)	371541.97	3773332.21	164.38828	(20121019)
371541.97	3773352.21	148.16851	(20121019)	371541.97	3773372.21	136.38692	(20121019)
371561.97	3773172.21	401.04836	(20121019)	371561.97	3773192.21	352.86676	(20121019)
371561.97	3773212.21	315.46835	(20121019)	371561.97	3773232.21	284.72197	(20121019)
371561.97	3773252.21	256.37528	(20121019)	371581.97	3773152.21	596.55889	(20121019)
371581.97	3773172.21	443.66515	(20121019)	371581.97	3773192.21	373.36294	(20121019)
371581.97	3773212.21	320.55101	(20121019)	371581.97	3773232.21	276.03273	(20121019)
371581.97	3773252.21	243.04135	(20121019)	371581.97	3773352.21	131.67207	(22010618)
371581.97	3773372.21	122.08132	(22010618)	371601.97	3773132.21	870.68554	(20111619)

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        371601.97   3773152.21      686.55996  (20111619)              371601.97
3773172.21      545.78373  (20111619)
        371601.97   3773192.21      451.22921  (20111619)              371601.97
3773212.21      370.18363  (20111619)
        371601.97   3773232.21      319.48157  (20111619)              371601.97
3773292.21      211.31624  (20111619)
        371601.97   3773312.21      188.55183  (20111619)              371601.97
3773332.21      167.62356  (20111619)
        371601.97   3773352.21      151.84298  (20111619)              371601.97
3773372.21      137.61464  (20111619)
        371621.97   3773132.21      932.09913  (20122119)              371621.97
3773152.21      734.04373  (22122219)
        371621.97   3773172.21      579.74400  (22122219)              371621.97
3773192.21      472.73144  (22122219)
        371621.97   3773212.21      403.82156  (20120418)              371621.97
3773232.21      335.65025  (20120418)
        371621.97   3773272.21      254.16339  (20120418)              371621.97
3773292.21      230.49933  (20120418)
        371621.97   3773312.21      199.11836  (20120418)              371621.97
3773332.21      179.15060  (20120418)
        371621.97   3773352.21      155.90754  (20120418)              371621.97
3773372.21      138.97103  (20120418)
        371641.97   3773132.21      891.70926  (20102819)              371641.97
3773152.21      703.16951  (20022719)
        371641.97   3773172.21      589.50861  (20122119)              371641.97
3773192.21      495.66705  (20122119)
        371641.97   3773212.21      413.89865  (20122119)              371641.97
3773232.21      361.41111  (22122219)
        371641.97   3773252.21      308.85175  (22122219)              371641.97
3773272.21      270.67345  (22122219)
        371641.97   3773292.21      233.61901  (22122219)              371641.97
3773312.21      182.15670  (22122219)
        371641.97   3773332.21      152.70814  (20120418)              371641.97
3773352.21      143.10286  (20120418)
        371641.97   3773372.21      133.98677  (20120418)              371661.97
3773132.21      815.00710  (23012719)
        371661.97   3773152.21      690.78284  (23012719)              371661.97
3773172.21      563.15665  (22110419)
        371661.97   3773192.21      473.15709  (20102819)              371661.97
3773212.21      399.61038  (20022719)
        371661.97   3773252.21      319.46343  (20122119)              371661.97
3773272.21      277.32335  (20122119)
        371661.97   3773292.21      230.39817  (20122119)              371661.97
3773312.21      182.96621  (22122219)
        371661.97   3773332.21      161.39245  (22122219)              371661.97
3773352.21      148.07307  (22122219)
        371661.97   3773372.21      137.43600  (22122219)              371681.97
3773132.21      714.94398  (19121418)
        371681.97   3773152.21      606.28043  (23120419)              371681.97
3773172.21      539.03443  (23012719)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371681.97	3773232.21	349.13715	(20102819)	371681.97	3773252.21	302.60063	(20022719)
371681.97	3773272.21	268.03559	(20022719)	371681.97	3773292.21	207.92259	(20122119)
371681.97	3773312.21	191.57130	(20122119)	371681.97	3773332.21	161.23273	(20122119)
371681.97	3773352.21	148.52820	(20122119)	371681.97	3773372.21	134.49221	(20122119)
371701.97	3773132.21	547.08505	(21122119)	371701.97	3773152.21	538.46562	(19121418)
371701.97	3773172.21	481.11073	(23120419)	371701.97	3773192.21	426.54245	(23012719)
371701.97	3773232.21	342.84253	(23012719)	371701.97	3773252.21	294.30064	(22110419)
371701.97	3773272.21	265.40045	(20102819)	371701.97	3773292.21	218.52020	(20102819)
371701.97	3773312.21	189.22562	(20022719)	371701.97	3773332.21	162.67995	(20022719)
371701.97	3773352.21	147.23609	(20122119)	371701.97	3773372.21	136.98444	(20122119)
371721.97	3773132.21	471.60993	(21012119)	371721.97	3773152.21	421.43546	(21122119)
371721.97	3773172.21	429.82318	(20121018)	371721.97	3773192.21	393.08259	(23120419)
371721.97	3773232.21	320.84182	(23012719)	371721.97	3773252.21	292.14126	(23012719)

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        371721.97   3773272.21      260.31215  (23012719)              371721.97
3773292.21      225.92647  (22110419)
        371721.97   3773312.21      195.18204  (20102819)              371721.97
3773332.21      161.42222  (20102819)
        371721.97   3773352.21      144.70257  (20102819)              371721.97
3773372.21      132.95267  (20022719)
        371741.97   3773132.21      409.51032  (21122419)              371741.97
3773152.21      371.68963  (20010419)
        371741.97   3773172.21      398.80997  (21122119)              371741.97
3773192.21      360.15783  (19121418)
        371741.97   3773212.21      329.14419  (23120419)              371741.97
3773232.21      288.09425  (21093019)
        371741.97   3773252.21      260.34424  (23012719)              371741.97
3773272.21      237.34392  (23012719)
        371741.97   3773292.21      213.35394  (23012719)              371741.97
3773312.21      181.88186  (23012719)
        371741.97   3773332.21      156.45790  (22110419)              371741.97
3773352.21      144.96677  (20102819)
        371741.97   3773372.21      134.96012  (20102819)              371761.97
3773132.21      351.75048  (21122419)
        371761.97   3773152.21      328.50494  (21012119)              371761.97
3773172.21      357.60258  (20010419)
        371761.97   3773212.21      311.00100  (19121418)              371761.97
3773232.21      283.48157  (19121418)
        371761.97   3773252.21      249.62542  (21093019)              371761.97
3773272.21      220.83864  (21093019)
        371761.97   3773292.21      180.50721  (23012719)              371761.97
3773312.21      167.76935  (23012719)
        371761.97   3773332.21      152.24972  (23012719)              371761.97
3773352.21      137.02292  (23012719)
        371761.97   3773372.21      126.92526  (22110419)              371781.97
3773132.21      301.22659  (21120718)
        371781.97   3773152.21      292.31368  (21122419)              371781.97
3773212.21      288.33302  (21122119)
        371781.97   3773232.21      270.24838  (19121418)              371781.97
3773252.21      248.74266  (19121418)
        371781.97   3773272.21      213.27672  (19121418)              371781.97
3773292.21      171.14093  (21093019)
        371781.97   3773312.21      144.56970  (21010519)              371781.97
3773332.21      139.04793  (23012719)
        371781.97   3773352.21      132.83521  (23012719)              371781.97
3773372.21      125.06098  (19102619)
        371801.97   3773132.21      256.29366  (21120718)              371801.97
3773152.21      258.88276  (21120718)
        371801.97   3773192.21      286.74026  (21012119)              371801.97
3773212.21      264.95063  (21122119)
        371801.97   3773232.21      243.52124  (19121418)              371801.97
3773252.21      234.59884  (19121418)
        371801.97   3773272.21      202.71710  (19121418)              371801.97
3773292.21      167.98968  (19121418)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTR ***
INCLUDING SOURCE(S): CONSTR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371801.97	3773312.21	141.14638	(21093019)	371801.97	3773332.21	124.51692	(21093019)
371801.97	3773352.21	125.09582	(21010519)	371801.97	3773372.21	121.05528	(19102619)
371821.97	3773132.21	217.98417	(21122419)	371821.97	3773152.21	226.83401	(21120718)
371821.97	3773192.21	266.14927	(21122419)	371821.97	3773212.21	251.91307	(21012119)
371821.97	3773232.21	231.54436	(20011119)	371821.97	3773252.21	200.86398	(19121418)
371821.97	3773272.21	181.16501	(19121418)	371821.97	3773292.21	160.84695	(19121418)
371821.97	3773312.21	138.83422	(19121418)	371821.97	3773332.21	125.13911	(21093019)
371821.97	3773352.21	115.67065	(23120419)	371821.97	3773372.21	112.47230	(21010519)
371841.97	3773132.21	185.72791	(21122419)	371841.97	3773152.21	197.94682	(21120718)
371841.97	3773192.21	246.95946	(21122419)	371841.97	3773212.21	237.62177	(21012119)
371841.97	3773232.21	212.24354	(20011119)	371841.97	3773252.21	184.69455	(20011119)
371841.97	3773272.21	155.68228	(19121418)	371841.97	3773292.21	153.02655	(19121418)
371841.97	3773312.21	140.34377	(19121418)	371841.97	3773332.21	127.13697	(19121418)
371841.97	3773352.21	120.75482	(21093019)	371841.97	3773372.21	114.27582	(21093019)

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        371861.97   3773132.21      159.20953  (21122419)               371861.97
3773152.21      172.13559  (21120718)
        371861.97   3773192.21      223.92584  (21122419)               371861.97
3773212.21      223.58056  (21122419)
        371861.97   3773232.21      195.18346  (21012119)               371861.97
3773252.21      171.34489  (20011119)
        371861.97   3773272.21      154.81342  (20011119)               371861.97
3773292.21      143.73051  (19121418)
        371861.97   3773312.21      147.55836  (19121418)               371861.97
3773332.21      148.07212  (19121418)
        371861.97   3773352.21      142.73683  (19121418)               371861.97
3773372.21      126.48150  (21093019)
        371881.97   3773132.21      136.79010  (21122419)               371881.97
3773152.21      150.31106  (21122419)
        371881.97   3773192.21      201.46067  (21122419)               371881.97
3773212.21      207.93344  (21122419)
        371881.97   3773232.21      190.95620  (21122419)               371881.97
3773252.21      173.55582  (21012119)
        371881.97   3773272.21      172.63699  (20011119)               371881.97
3773292.21      163.38955  (20011119)
        371881.97   3773312.21      154.22423  (19121418)               371881.97
3773332.21      152.93395  (19121418)
        371881.97   3773352.21      146.79000  (19121418)               371881.97
3773372.21      133.46847  (19121418)
        371901.97   3773132.21      117.72284  (21122419)               371901.97
3773152.21      131.47275  (21122419)
        371901.97   3773212.21      189.65181  (21122419)               371901.97
3773232.21      189.46952  (21122419)
        371901.97   3773252.21      179.02811  (21012119)               371901.97
3773272.21      170.12799  (21012119)
        371901.97   3773292.21      160.54783  (20011119)               371901.97
3773312.21      152.91078  (20011119)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                  INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371629.72	3772904.76	58.31492	(22120216)	371639.72	3772904.76	58.53574	(22120216)
371649.72	3772904.76	58.87845	(22120216)	371659.72	3772904.76	58.73659	(22120216)
371599.72	3772914.76	61.95251	(22120216)	371609.72	3772914.76	61.70144	(22120216)
371619.72	3772914.76	61.78834	(22120216)	371629.72	3772914.76	62.23877	(22120216)
371639.72	3772914.76	62.53132	(22120216)	371649.72	3772914.76	62.71158	(22120216)
371659.72	3772914.76	62.75697	(22120216)	371569.72	3772924.76	68.20833	(22120216)
371579.72	3772924.76	67.51334	(22120216)	371589.72	3772924.76	66.74226	(22120216)
371599.72	3772924.76	66.32686	(22120216)	371609.72	3772924.76	65.73338	(22120216)
371619.72	3772924.76	65.71325	(22120216)	371629.72	3772924.76	66.54605	(22120216)
371639.72	3772924.76	66.81441	(22120216)	371649.72	3772924.76	67.06079	(22120216)
371659.72	3772924.76	67.20745	(22120216)	371569.72	3772934.76	73.57696	(22120216)
371579.72	3772934.76	72.90476	(22120216)	371589.72	3772934.76	72.14259	(22120216)
371599.72	3772934.76	71.11542	(22120216)	371609.72	3772934.76	70.14177	(22120216)
371619.72	3772934.76	70.09951	(22120216)	371629.72	3772934.76	71.16394	(22120216)
371639.72	3772934.76	71.80645	(22120216)	371649.72	3772934.76	72.27206	(22120216)
371659.72	3772934.76	72.24176	(22120216)	371569.72	3772944.76	80.03633	(22120216)
371579.72	3772944.76	79.26750	(22120216)	371589.72	3772944.76	77.83462	(22120216)
371599.72	3772944.76	76.30171	(22120216)	371609.72	3772944.76	75.49796	(22120216)
371619.72	3772944.76	75.82518	(22120216)	371629.72	3772944.76	76.42642	(22120216)
371639.72	3772944.76	77.06677	(22120216)	371649.72			

3772944.76   77.58906 (22120216)
        371659.72   3772944.76   77.84395 (22120216)   371569.72
3772954.76   87.94569 (22120216)
        371579.72   3772954.76   86.98993 (22120216)   371589.72
3772954.76   84.97915 (22120216)
        371599.72   3772954.76   82.89361 (22120216)   371609.72
3772954.76   81.71398 (22120216)
        371619.72   3772954.76   81.99430 (22120216)   371629.72
3772954.76   82.56383 (22120216)
        371639.72   3772954.76   83.43636 (22120216)   371649.72
3772954.76   84.11270 (22120216)
        371659.72   3772954.76   84.22444 (22120216)   371569.72
3772964.76   97.61867 (22120216)
        371579.72   3772964.76   96.69085 (22120216)   371589.72
3772964.76   94.26906 (22120216)
        371599.72   3772964.76   91.14110 (22120216)   371609.72
3772964.76   89.35218 (22120216)
        371619.72   3772964.76   89.42548 (22120216)   371629.72
3772964.76   89.90582 (22120216)
        371639.72   3772964.76   90.73321 (22120216)   371649.72
3772964.76   91.57447 (22120216)
        371659.72   3772964.76   91.69592 (22120216)   371569.72
3772970.33   103.94905 (22120216)
        371579.72   3772970.33   102.98305 (22120216)   371589.72
3772970.33   99.89742 (22120216)
        371599.72   3772970.33   96.24886 (22120216)   371609.72
3772970.33   94.34867 (22120216)
        371619.72   3772974.76   97.91230 (22120216)   371629.72
3772974.76   98.25067 (22120216)
        371639.72   3772974.76   98.93598 (22120216)   371649.72
3772974.76   99.70534 (22120216)
        371659.72   3772974.76   100.46653 (22120216)   371619.72
3772984.76   107.30720 (22120216)
        371629.72   3772984.76   107.64055 (22120216)   371639.72
3772984.76   108.47120 (22120216)
        371649.72   3772984.76   109.37518 (22120216)   371659.72
3772984.76   110.81240 (22120216)
        371569.87   3772991.40   136.36724 (22120216)   371579.87
3772991.40   138.15841 (22120216)
        371589.87   3772991.40   132.41262 (22120216)   371599.87
3772991.40   123.65428 (22120216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371609.87   3772991.40   117.32139 (22120216)   371619.72
3772994.76   119.61509 (22120216)
        371629.72   3772994.76   119.92377 (22120216)   371639.72
3772994.76   120.80986 (22120216)
        371649.72   3772994.76   121.95521 (22120216)   371659.72
3772994.76   123.43270 (22120216)
        371570.04   3773001.54   157.98227 (22120216)   371580.04
3773001.54   163.76545 (22120216)
        371590.04   3773001.54   157.45978 (22120216)   371600.04
3773001.54   143.66208 (22120216)
        371610.04   3773001.54   132.79715 (22120216)   371619.72
3773004.76   135.27930 (22120216)
        371629.72   3773004.76   135.82560 (22120216)   371639.72
3773004.76   136.81032 (22120216)
        371649.72   3773004.76   139.01940 (22120216)   371659.72
3773004.76   138.98032 (22120216)
        371619.72   3773014.76   154.46502 (22120216)   371629.72
3773014.76   156.22793 (22120216)
        371639.72   3773014.76   158.21368 (22120216)   371649.72
3773014.76   160.77156 (22120216)
        371659.72   3773014.76   158.50262 (22120216)   371619.72
3773020.25   168.33448 (22120216)
        371629.72   3773020.25   169.09017 (22120216)   371639.72
3773020.25   170.12017 (22120216)
        371649.72   3773020.25   171.82132 (22120216)   371659.72
3773020.25   170.96490 (22120216)
        371678.38   3772888.96   52.87996 (22120216)   371688.38
3772888.96   52.72192 (22120216)
        371698.38   3772888.96   52.31199 (22120216)   371708.38
3772888.96   51.62949 (22120216)

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        371718.38   3772888.96       50.64241  (22120216)                371678.38
3772898.96       56.43808  (22120216)
        371688.38   3772898.96       56.17444  (22120216)                371698.38
3772898.96       55.98942  (22120216)
        371708.38   3772898.96       55.59695  (22120216)                371718.38
3772898.96       54.90260  (22120216)
        371678.38   3772918.96       64.72155  (22120216)                371688.38
3772918.96       64.37400  (22120216)
        371698.38   3772918.96       64.50250  (22120216)                371708.38
3772918.96       64.40842  (22120216)
        371718.38   3772918.96       63.90540  (22120216)                371678.38
3772928.96       69.66711  (22120216)
        371688.38   3772928.96       69.86517  (22120216)                371698.38
3772928.96       70.05981  (22120216)
        371708.38   3772928.96       70.11126  (22120216)                371718.38
3772928.96       69.61951  (22120216)
        371678.38   3772938.96       75.17498  (22120216)                371688.38
3772938.96       75.70683  (22120216)
        371698.38   3772938.96       75.86741  (22120216)                371708.38
3772938.96       75.65948  (22120216)
        371718.38   3772938.96       75.44290  (22120216)                371678.38
3772948.96       81.30484  (22120216)
        371688.38   3772948.96       82.03858  (22120216)                371698.38
3772948.96       82.33487  (22120216)
        371708.38   3772948.96       82.32700  (22120216)                371718.38
3772948.96       82.23601  (22120216)
        371678.38   3772958.96       88.33443  (22120216)                371688.38
3772958.96       89.17976  (22120216)
        371698.38   3772958.96       89.42292  (22120216)                371708.38
3772958.96       89.47915  (22120216)
        371718.38   3772958.96       89.40957  (22120216)                371678.38
3772968.96       96.51005  (22120216)
        371688.38   3772968.96       97.48273  (22120216)                371698.38
3772968.96       97.81046  (22120216)
        371708.38   3772968.96       97.92635  (22120216)                371718.38
3772968.96       98.05951  (22120216)
        371678.38   3772978.96      106.16230  (22120216)                371688.38
3772978.96      107.40539  (22120216)
        371698.38   3772978.96      107.92789  (22120216)                371708.38
3772978.96      108.07060  (22120216)
        371718.38   3772978.96      108.33753  (22120216)                371678.38
3772988.96      117.75774  (22120216)
        371688.38   3772988.96      119.49495  (22120216)                371698.38
3772988.96      119.71051  (22120216)
        371708.38   3772988.96      119.44030  (22120216)                371718.38
3772988.96      119.83900  (22120216)
        371678.38   3772998.96      131.60610  (22120216)                371688.38
3772998.96      133.51209  (22120216)
        371698.38   3772998.96      133.90715  (22120216)                371708.38
3772998.96      134.42831  (22120216)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371718.38	3772998.96	135.33130	(22120216)	371678.38	3773008.96	148.71747	(22120216)
371688.38	3773008.96	151.03650	(22120216)	371698.38	3773008.96	151.94530	(22120216)
371708.38	3773008.96	152.60049	(22120216)	371718.38	3773008.96	153.44277	(22120216)
371678.38	3773018.96	170.27701	(22120216)	371688.38	3773018.96	173.11667	(22120216)
371698.38	3773018.96	174.40324	(22120216)	371708.38	3773018.96	175.19014	(22120216)
371718.38	3773018.96	175.89780	(22120216)	371734.81	3772871.37	42.07812	(22120216)
371754.81	3772871.37	39.24009	(22120216)	371774.81	3772871.37	35.28504	(22120216)
371734.81	3772911.37	58.96364	(22120216)	371754.81	3772911.37	56.93682	(22120216)
371774.81	3772911.37	53.38749	(22120216)	371734.81	3772931.37	69.99722	(22120216)
371754.81	3772931.37	68.23176	(22120216)	371774.81	3772931.37	65.01512	(22120216)
371734.81	3772951.37	83.95944	(22120216)	371754.81			

3772951.37 82.65919 (22120216)
371774.81 3772951.37 79.64566 (22120216) 371734.81
3772971.37 99.33395 (22120216)
371754.81 3772971.37 98.89454 (22120216) 371774.81
3772971.37 97.49736 (22120216)
371734.81 3772991.37 123.87805 (22120216) 371754.81
3772991.37 123.89922 (22120216)
371774.81 3772991.37 122.77948 (22120216) 371734.81
3773011.37 159.25243 (22120216)
371754.81 3773011.37 159.47334 (22120216) 371774.81
3773011.37 159.21949 (22120216)
371799.03 3772785.46 19.35103 (19121418) 371819.03
3772785.46 19.21276 (19121418)
371839.03 3772785.46 18.98787 (19121418) 371859.03
3772785.46 18.50591 (19121418)
371879.03 3772785.46 17.99004 (19121418) 371899.03
3772785.46 17.67837 (19121418)
371919.03 3772785.46 17.11881 (19121418) 371939.03
3772785.46 16.50799 (19121418)
371799.03 3772805.46 21.57489 (19121418) 371819.03
3772805.46 21.38966 (19121418)
371839.03 3772805.46 21.07141 (19121418) 371859.03
3772805.46 20.46739 (19121418)
371879.03 3772805.46 19.98909 (19121418) 371899.03
3772805.46 19.79918 (19121418)
371919.03 3772805.46 19.03334 (19121418) 371939.03
3772805.46 18.27945 (19121418)
371799.03 3772825.46 24.27159 (19121418) 371819.03
3772825.46 24.03616 (19121418)
371839.03 3772825.46 23.88898 (19121418) 371859.03
3772825.46 23.37858 (19121418)
371879.03 3772825.46 22.48531 (19121418) 371899.03
3772825.46 22.07119 (19121418)
371919.03 3772825.46 21.28223 (19121418) 371939.03
3772825.46 20.25909 (19121418)
371799.03 3772845.46 27.51862 (19121418) 371819.03
3772845.46 27.27405 (19121418)
371839.03 3772845.46 27.03379 (19121418) 371859.03
3772845.46 26.46729 (19121418)
371879.03 3772845.46 25.47727 (19121418) 371899.03
3772845.46 24.82274 (19121418)
371919.03 3772845.46 23.77370 (19121418) 371939.03
3772845.46 22.62225 (19121418)
371799.03 3772865.46 31.44301 (19121418) 371819.03
3772865.46 31.23761 (19121418)
371839.03 3772865.46 30.66503 (19121418) 371859.03
3772865.46 29.90719 (19121418)
371879.03 3772865.46 28.97745 (19121418) 371899.03
3772865.46 27.90186 (19121418)
371919.03 3772865.46 26.62159 (19121418) 371939.03

3772865.46   25.18639 (19121418)
        371799.03   3772885.46   36.38963 (19121418)   371819.03
3772885.46   36.24460 (19121418)
        371839.03   3772885.46   35.48071 (19121418)   371859.03
3772885.46   34.52747 (19121418)
        371879.03   3772885.46   33.33963 (19121418)   371899.03
3772885.46   31.86706 (19121418)
        371919.03   3772885.46   30.27693 (19121418)   371939.03
3772885.46   28.39927 (19121418)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371799.03   3772905.46   44.60708 (22120216)   371819.03
3772905.46   42.46363 (19121418)
        371839.03   3772905.46   41.27406 (19121418)   371859.03
3772905.46   40.19823 (19121418)
        371879.03   3772905.46   38.55489 (19121418)   371899.03
3772905.46   36.84393 (19121418)
        371919.03   3772905.46   34.64074 (19121418)   371939.03
3772905.46   32.61132 (19121418)
        371799.03   3772925.46   56.25284 (22120216)   371819.03
3772925.46   50.53349 (22120216)
        371839.03   3772925.46   48.70147 (19121418)   371859.03
3772925.46   46.95036 (19121418)

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        371879.03   3772925.46       45.18388  (19121418)              371899.03
3772925.46       42.93332  (19121418)
        371919.03   3772925.46       40.06209  (19121418)              371939.03
3772925.46       37.49808  (19121418)
        371799.03   3772945.46       70.62043  (22120216)              371819.03
3772945.46       64.94980  (22120216)
        371839.03   3772945.46       58.38452  (19121418)              371859.03
3772945.46       56.18698  (19121418)
        371879.03   3772945.46       53.82630  (19121418)              371899.03
3772945.46       50.93328  (19121418)
        371919.03   3772945.46       47.53381  (19121418)              371939.03
3772945.46       43.97258  (19121418)
        371799.03   3772965.46       88.95683  (22120216)              371819.03
3772965.46       83.73745  (22120216)
        371839.03   3772965.46       75.86563  (22120216)              371859.03
3772965.46       68.82521  (19121418)
        371879.03   3772965.46       65.67093  (19121418)              371899.03
3772965.46       62.09776  (19121418)
        371919.03   3772965.46       57.74994  (19121418)              371939.03
3772965.46       52.93951  (19121418)
        371799.03   3772985.46      112.42992  (22120216)              371819.03
3772985.46      108.11671  (22120216)
        371839.03   3772985.46      100.43567  (22120216)              371859.03
3772985.46       90.82747  (22120216)
        371879.03   3772985.46       82.95836  (19121418)              371899.03
3772985.46       77.84296  (19121418)
        371919.03   3772985.46       72.20424  (19121418)              371939.03
3772985.46       65.77745  (19121418)
        371799.03   3773005.46      145.03076  (22120216)              371819.03
3773005.46      141.36179  (22120216)
        371839.03   3773005.46      135.19324  (22120216)              371859.03
3773005.46      128.99200  (22120216)
        371879.03   3773005.46      115.02864  (22120216)              371899.03
3773005.46      105.42291  (19121418)
        371919.03   3773005.46       96.55369  (19121418)              371939.03
3773005.46       86.08415  (19121418)
        371437.18   3772897.50       28.50307  (22120216)              371437.18
3772917.50       28.94042  (20041018)
        371437.18   3772937.50       33.32154  (19013117)              371437.18
3772957.50       37.55873  (19013117)
        371457.18   3772897.50       35.88882  (22120216)              371457.18
3772917.50       34.10343  (22120216)
        371457.18   3772937.50       34.29843  (20041018)              371477.18
3772897.50       42.74420  (22120216)
        371477.18   3772917.50       42.77743  (22120216)              371477.18
3772937.50       41.33440  (22120216)
        371497.18   3772877.50       45.95325  (22120216)              371497.18
3772897.50       49.11276  (22120216)
        371497.18   3772917.50       51.53449  (22120216)              371497.18
3772937.50       52.11768  (22120216)
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        371517.18   3772877.50       48.99020  (22120216)                371517.18
3772897.50       53.04134  (22120216)
        371517.18   3772917.50       57.38049  (22120216)                371537.18
3772857.50       45.13746  (22120216)
        371537.18   3772877.50       49.72845  (22120216)                371537.18
3772897.50       55.25871  (22120216)
        371537.18   3772917.50       62.65087  (22120216)                371557.18
3772857.50       45.08848  (22120216)
        371557.18   3772877.50       49.93114  (22120216)                371557.18
3772897.50       55.70090  (22120216)
        371557.18   3772917.50       64.76948  (22120216)                371577.18
3772837.50       40.19940  (22120216)
        371577.18   3772857.50       44.82341  (22120216)                371577.18
3772877.50       49.26201  (22120216)
        371577.18   3772897.50       55.28803  (22120216)                371597.18
3772837.50       40.13731  (22120216)
        371597.18   3772857.50       44.33344  (22120216)                371597.18
3772877.50       48.77898  (22120216)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371597.18   3772897.50       55.17173  (22120216)                371617.18
3772817.50       35.53920  (22120216)
        371617.18   3772837.50       39.53899  (22120216)                371617.18
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3772857.50       44.05002  (22120216)
        371617.18   3772877.50       48.63692  (22120216)                371617.18
3772897.50       55.50387  (22120216)
        371637.18   3772817.50       34.94018  (22120216)                371637.18
3772837.50       39.15118  (22120216)
        371637.18   3772857.50       42.97455  (22120216)                371637.18
3772877.50       48.85054  (22120216)
        371657.18   3772797.50       29.96150  (22120216)                371657.18
3772817.50       33.99112  (22120216)
        371657.18   3772837.50       38.19195  (22120216)                371657.18
3772857.50       43.37897  (22120216)
        371657.18   3772877.50       49.11039  (22120216)                371677.18
3772777.50       24.68438  (22120216)
        371677.18   3772797.50       28.50173  (22120216)                371677.18
3772817.50       32.80182  (22120216)
        371677.18   3772837.50       37.48164  (22120216)                371677.18
3772857.50       42.57011  (22120216)
        371697.18   3772777.50       22.89278  (22120216)                371697.18
3772797.50       26.61330  (22120216)
        371697.18   3772817.50       30.72881  (22120216)                371697.18
3772837.50       35.52821  (22120216)
        371697.18   3772857.50       41.38729  (22120216)                371717.18
3772757.50       17.57787  (22120216)
        371717.18   3772777.50       20.68351  (22120216)                371717.18
3772797.50       24.21325  (22120216)
        371717.18   3772817.50       28.56653  (22120216)                371717.18
3772837.50       33.77589  (22120216)
        371717.18   3772857.50       39.60229  (22120216)                371737.18
3772737.50       15.94586  (19113016)
        371737.18   3772757.50       17.22730  (19113016)                371737.18
3772777.50       18.71255  (19121418)
        371737.18   3772797.50       21.77221  (22120216)                371737.18
3772817.50       25.98612  (22120216)
        371737.18   3772837.50       31.01233  (22120216)                371757.18
3772737.50       15.52681  (19113016)
        371757.18   3772757.50       16.92612  (19121418)                371757.18
3772777.50       18.77537  (19121418)
        371757.18   3772797.50       20.89260  (19121418)                371757.18
3772817.50       23.33455  (19121418)
        371757.18   3772837.50       27.87342  (22120216)                371268.76
3772892.70       17.41729  (19013117)
        371268.76   3772912.70       19.28379  (21123016)                371268.76
3772932.70       20.87096  (21123016)
        371268.76   3772952.70       21.37156  (21123016)                371268.76
3772972.70       21.29322  (21123016)
        371268.76   3772992.70       20.25604  (23041918)                371268.76
3773012.70       23.06880  (23041918)
        371268.76   3773032.70       25.79936  (23122019)                371268.76
3773052.70       31.13496  (23122019)
        371268.76   3773072.70       34.09097  (21020219)                371288.76
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3772772.70   10.93277 (19120614)
        371288.76   3772792.70   12.21778 (20041018)   371288.76
3772812.70   13.70517 (19013117)
        371288.76   3772832.70   15.49056 (19013117)   371288.76
3772852.70   17.06259 (19013117)
        371288.76   3772912.70   20.27329 (21123016)   371288.76
3772932.70   22.18914 (21123016)
        371288.76   3772952.70   22.92178 (21123016)   371288.76
3772972.70   23.25075 (21123016)
        371288.76   3772992.70   22.02563 (21123016)   371288.76
3773012.70   24.70675 (23041918)
        371288.76   3773032.70   27.29942 (23041918)   371288.76
3773052.70   32.54931 (23122019)
        371288.76   3773072.70   33.49523 (21020219)   371308.76
3772712.70   14.75628 (22120216)
        371308.76   3772732.70   14.14190 (22120216)   371308.76
3772752.70   13.33324 (22120216)
        371308.76   3772772.70   12.30953 (22120216)   371308.76
3772792.70   12.24154 (20041018)
        371308.76   3772812.70   13.64919 (20041018)   371308.76
3772832.70   15.60371 (19013117)
        371308.76   3772852.70   17.48786 (19013117)   371308.76
3772912.70   20.60058 (21123016)
        371308.76   3772932.70   23.30811 (21123016)   371308.76
3772952.70   24.68644 (21123016)
        371308.76   3772972.70   24.88384 (21123016)   371308.76
3772992.70   23.74953 (21123016)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002 , HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010 , HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018 , HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026 , HAUL0027   , HAUL0028   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF CONSTR   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371308.76	3773012.70	26.34491	(23041918)	371308.76	3773032.70	29.45396	(23041918)
371308.76	3773052.70	31.45767	(23041918)	371308.76	3773072.70	33.79286	(23122019)
371328.76	3772712.70	16.76641	(22120216)	371328.76	3772732.70	16.36415	(22120216)
371328.76	3772752.70	15.70085	(22120216)	371328.76	3772772.70	14.82737	(22120216)
371328.76	3772792.70	13.70190	(22120216)	371328.76	3772812.70	13.83399	(20041018)
371328.76	3772832.70	15.49131	(20041018)	371328.76	3772852.70	17.69631	(19013117)
371328.76	3772872.70	19.72440	(19013117)	371328.76	3772932.70	24.33985	(21123016)
371328.76	3772952.70	26.42137	(21123016)	371328.76	3772972.70	26.97304	(21123016)
371328.76	3772992.70	26.03594	(21123016)	371328.76	3773012.70	27.98286	(23041918)
371328.76	3773032.70	32.15604	(23041918)	371328.76	3773052.70	34.41179	(23041918)
371328.76	3773072.70	34.55151	(23041918)	371348.76	3772712.70	18.77164	(22120216)
371348.76	3772732.70	18.57279	(22120216)	371348.76	3772752.70	18.11934	(22120216)
371348.76	3772772.70	17.51086	(22120216)	371348.76	3772792.70	16.51553	(22120216)
371348.76	3772812.70	15.37572	(22120216)	371348.76	3772832.70	15.69694	(20041018)
371348.76	3772852.70	17.72745	(19013117)	371348.76	3772872.70	20.12722	(19013117)
371348.76	3772892.70	22.29149	(19013117)	371348.76	3772952.70	27.93108	(21123016)
371348.76	3772972.70	29.20279	(21123016)	371348.76	3772992.70	28.76439	(21123016)
371348.76	3773012.70	30.42032	(23041918)	371348.76	3773032.70	35.04493	(23041918)
371348.76	3773052.70	37.71537	(23041918)	371348.76	3773072.70	38.03584	(23041918)
371368.76	3772712.70	20.59384	(22120216)	371368.76	3772732.70	20.69992	(22120216)
371368.76	3772752.70	20.58151	(22120216)	371368.76	3772772.70	20.17737	(22120216)
371368.76	3772792.70	19.56960	(22120216)	371368.76	3772812.70	18.60977	(22120216)

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        371368.76   3772832.70       17.28060  (22120216)               371368.76
3772852.70       17.90361  (20041018)
        371368.76   3772872.70       20.40765  (19013117)               371368.76
3772892.70       23.02997  (19013117)
        371368.76   3772972.70       31.90699  (21123016)               371368.76
3772992.70       32.18826  (21123016)
        371368.76   3773012.70       32.93956  (23041918)               371368.76
3773032.70       37.55598  (23041918)
        371388.76   3772712.70       22.12277  (22120216)               371388.76
3772732.70       22.55770  (22120216)
        371388.76   3772752.70       22.85470  (22120216)               371388.76
3772772.70       22.92789  (22120216)
        371388.76   3772792.70       22.57028  (22120216)               371388.76
3772812.70       22.09664  (22120216)
        371388.76   3772832.70       21.15763  (22120216)               371388.76
3772852.70       19.60167  (22120216)
        371388.76   3772872.70       20.60861  (20041018)               371388.76
3772892.70       23.54005  (19013117)
        371388.76   3772972.70       34.53864  (21123016)               371388.76
3772992.70       35.94860  (21123016)
        371388.76   3773012.70       35.68917  (23041918)               371408.76
3772712.70       23.42839  (22120216)
        371408.76   3772732.70       24.17002  (22120216)               371408.76
3772752.70       24.98708  (22120216)
        371408.76   3772772.70       25.39209  (22120216)               371408.76
3772792.70       25.63049  (22120216)
        371408.76   3772812.70       25.70541  (22120216)               371408.76
3772832.70       25.15017  (22120216)
        371408.76   3772852.70       24.29674  (22120216)               371408.76
3772872.70       22.59845  (22120216)
        371408.76   3772892.70       23.75649  (20041018)               371428.76
3772712.70       24.48687  (22120216)
        371428.76   3772732.70       25.59489  (22120216)               371428.76
3772752.70       26.78972  (22120216)
        371428.76   3772772.70       27.71517  (22120216)               371428.76
3772792.70       28.47701  (22120216)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                  INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
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HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018
, HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026
, HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371428.76	3772812.70	29.13854	(22120216)	371428.76	3772832.70	29.24520	(22120216)
371428.76	3772852.70	28.96266	(22120216)	371428.76	3772872.70	28.03504	(22120216)
371448.76	3772712.70	24.99326	(22120216)	371448.76	3772732.70	26.44125	(22120216)
371448.76	3772752.70	27.83316	(22120216)	371448.76	3772772.70	29.28318	(22120216)
371448.76	3772792.70	30.70722	(22120216)	371448.76	3772812.70	32.06350	(22120216)
371448.76	3772832.70	33.24121	(22120216)	371448.76	3772852.70	33.82931	(22120216)
371468.76	3772712.70	25.17534	(22120216)	371468.76	3772732.70	26.88488	(22120216)
371468.76	3772752.70	28.71021	(22120216)	371468.76	3772772.70	30.61362	(22120216)
371468.76	3772792.70	32.54898	(22120216)	371468.76	3772812.70	34.89410	(22120216)
371468.76	3772832.70	36.64467	(22120216)	371468.76	3772852.70	38.04490	(22120216)
371488.76	3772712.70	25.29487	(22120216)	371488.76	3772732.70	27.15460	(22120216)
371488.76	3772752.70	29.19014	(22120216)	371488.76	3772772.70	31.29255	(22120216)
371488.76	3772792.70	33.55733	(22120216)	371488.76	3772812.70	36.63568	(22120216)
371488.76	3772832.70	39.03966	(22120216)	371488.76	3772852.70	41.11962	(22120216)
371508.76	3772712.70	25.01769	(22120216)	371508.76	3772732.70	26.94937	(22120216)
371508.76	3772752.70	29.21832	(22120216)	371508.76	3772772.70	31.46674	(22120216)
371508.76	3772792.70	34.06557	(22120216)	371508.76	3772812.70	37.45975	(22120216)
371508.76	3772832.70	40.17228	(22120216)	371528.76			

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3772712.70       24.49941  (22120216)
        371528.76   3772732.70       26.61608  (22120216)                371528.76
3772752.70       28.98880  (22120216)
        371528.76   3772772.70       31.34485  (22120216)                371528.76
3772792.70       34.14273  (22120216)
        371528.76   3772812.70       37.36339  (22120216)                371528.76
3772832.70       40.53325  (22120216)
        371548.76   3772712.70       23.74745  (22120216)                371548.76
3772732.70       26.01426  (22120216)
        371548.76   3772752.70       28.30248  (22120216)                371548.76
3772772.70       30.84380  (22120216)
        371548.76   3772792.70       33.58008  (22120216)                371548.76
3772812.70       36.51047  (22120216)
        371548.76   3772832.70       39.97369  (22120216)                371568.76
3772712.70       22.81146  (22120216)
        371568.76   3772732.70       25.13480  (22120216)                371568.76
3772752.70       27.70377  (22120216)
        371568.76   3772772.70       30.52171  (22120216)                371568.76
3772792.70       33.12676  (22120216)
        371568.76   3772812.70       36.07202  (22120216)                371588.76
3772712.70       21.87075  (22120216)
        371588.76   3772732.70       24.19943  (22120216)                371588.76
3772752.70       26.86489  (22120216)
        371588.76   3772772.70       29.52060  (22120216)                371588.76
3772792.70       32.54768  (22120216)
        371608.76   3772712.70       20.70455  (22120216)                371608.76
3772732.70       23.12588  (22120216)
        371608.76   3772752.70       25.87649  (22120216)                371608.76
3772772.70       28.60296  (22120216)
        371608.76   3772792.70       31.52929  (22120216)                371628.76
3772712.70       19.43140  (22120216)
        371628.76   3772732.70       21.90884  (22120216)                371628.76
3772752.70       24.72039  (22120216)
        371628.76   3772772.70       27.58132  (22120216)                371648.76
3772712.70       17.88515  (22120216)
        371648.76   3772732.70       20.36744  (22120216)                371648.76
3772752.70       23.10360  (22120216)
        371648.76   3772772.70       26.09895  (22120216)                371668.76
3772712.70       16.32778  (22120216)
        371668.76   3772732.70       18.78115  (22120216)                371668.76
3772752.70       21.44400  (22120216)
        371688.76   3772712.70       15.40066  (19113016)                371688.76
3772732.70       16.91091  (22120216)
        371708.76   3772712.70       15.12034  (19113016)                371281.97
3773112.21       39.79553  (21020219)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371281.97	3773132.21	40.59051	(22012019)	371281.97	3773152.21	44.55480	(22012019)
371281.97	3773172.21	45.36911	(22012019)	371281.97	3773192.21	44.64600	(20101619)
371281.97	3773212.21	45.55488	(21012919)	371281.97	3773232.21	46.56457	(21012919)
371281.97	3773252.21	47.32385	(21012919)	371281.97	3773272.21	45.66821	(21010419)
371281.97	3773292.21	44.94639	(21010419)	371281.97	3773312.21	42.92957	(21010419)
371281.97	3773332.21	40.08026	(19012618)	371281.97	3773352.21	39.68281	(19012618)
371281.97	3773372.21	37.90457	(19012618)	371301.97	3773112.21	40.31862	(21020219)
371301.97	3773132.21	39.50178	(21020219)	371301.97	3773152.21	46.67943	(22012019)
371301.97	3773172.21	45.86273	(22012019)	371301.97	3773192.21	44.58743	(20101619)
371301.97	3773212.21	46.55534	(21011619)	371301.97	3773232.21	47.77064	(21011619)
371301.97	3773252.21	47.95070	(21012919)	371301.97	3773272.21	47.64126	(21010419)
371301.97	3773292.21	45.91332	(21010419)	371301.97	3773312.21	42.61848	(21010419)
371301.97	3773332.21	41.72900	(19012618)	371301.97	3773352.21	40.94809	(19012618)

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        371301.97   3773372.21       38.72100  (19012618)                371321.97
3773112.21       39.66859  (21020219)
        371321.97   3773132.21       38.00098  (21020219)                371321.97
3773152.21       46.63277  (22012019)
        371321.97   3773172.21       45.80943  (22012019)                371321.97
3773192.21       45.43254  (20101619)
        371321.97   3773212.21       48.38667  (21011619)                371321.97
3773232.21       50.13028  (21011619)
        371321.97   3773252.21       48.78336  (21011619)                371321.97
3773272.21       48.13562  (21010419)
        371321.97   3773292.21       46.99985  (21010419)                371321.97
3773312.21       43.82955  (19012618)
        371321.97   3773332.21       42.34419  (19012618)                371321.97
3773352.21       41.06561  (19012618)
        371321.97   3773372.21       38.98147  (23101119)                371341.97
3773112.21       40.49387  (21020219)
        371341.97   3773132.21       41.63627  (21020219)                371341.97
3773152.21       48.12684  (22012019)
        371341.97   3773172.21       49.24365  (22012019)                371341.97
3773192.21       48.91259  (21011619)
        371341.97   3773212.21       52.14341  (21011619)                371341.97
3773232.21       52.34639  (21011619)
        371341.97   3773252.21       50.67620  (21010419)                371341.97
3773272.21       50.18557  (21010419)
        371341.97   3773292.21       47.43129  (19012618)                371341.97
3773312.21       45.70662  (19012618)
        371341.97   3773332.21       42.62061  (19012618)                371341.97
3773352.21       40.10459  (19012618)
        371341.97   3773372.21       38.29267  (23101119)                371361.97
3773112.21       46.31406  (21020219)
        371361.97   3773132.21       49.08741  (22012019)                371361.97
3773152.21       53.13808  (22012019)
        371361.97   3773172.21       52.50001  (22012019)                371361.97
3773192.21       54.11676  (21011619)
        371361.97   3773212.21       55.60318  (21011619)                371361.97
3773232.21       54.01002  (21011619)
        371361.97   3773292.21       49.39636  (19012618)                371361.97
3773312.21       46.71484  (19012618)
        371361.97   3773332.21       42.75278  (19012618)                371361.97
3773352.21       39.39048  (23101119)
        371361.97   3773372.21       37.80900  (23111119)                371381.97
3773112.21       48.16580  (21020219)
        371381.97   3773132.21       56.51501  (22012019)                371381.97
3773152.21       57.24017  (22012019)
        371381.97   3773172.21       55.08380  (20101619)                371381.97
3773192.21       58.18413  (21011619)
        371381.97   3773212.21       58.30502  (21011619)                371381.97
3773232.21       55.08755  (21011619)
        371381.97   3773252.21       54.92539  (19012618)                371381.97
3773272.21       53.68972  (19012618)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371401.97	3773132.21	63.54930	(22012019)	371401.97	3773152.21	63.48051	(22012019)
371401.97	3773172.21	62.05078	(21011619)	371401.97	3773192.21	62.83629	(21011619)
371401.97	3773212.21	60.29911	(21011619)	371401.97	3773232.21	57.30682	(19012618)
371401.97	3773252.21	57.55379	(19012618)	371401.97	3773272.21	55.02831	(19012618)
371401.97	3773292.21	51.69962	(19012618)	371401.97	3773312.21	46.79955	(19012618)
371401.97	3773332.21	42.73180	(23101119)	371401.97	3773352.21	41.18213	(23111119)
371401.97	3773372.21	39.89267	(23111119)	371421.97	3773112.21	57.92622	(21020219)
371421.97	3773132.21	67.80464	(22012019)	371421.97	3773152.21	65.65826	(22012019)
371421.97	3773172.21	66.01952	(21011619)	371421.97			

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3773192.21       65.99359  (21011619)
        371421.97   3773212.21       61.02524  (21012919)                371421.97
3773232.21       61.04559  (19012618)
        371421.97   3773252.21       57.60527  (19012618)                371421.97
3773272.21       54.13029  (19012618)
        371421.97   3773292.21       50.04051  (19012618)                371421.97
3773312.21       46.03045  (23101119)
        371421.97   3773332.21       43.38619  (23111119)                371421.97
3773352.21       41.83325  (23111119)
        371421.97   3773372.21       40.03732  (23111119)                371441.97
3773112.21       55.93306  (21020219)
        371441.97   3773132.21       65.95905  (22012019)                371441.97
3773152.21       67.74191  (22012019)
        371441.97   3773172.21       71.84969  (21011619)                371441.97
3773192.21       68.39546  (21012919)
        371441.97   3773212.21       64.10898  (21010419)                371441.97
3773232.21       59.54810  (19012618)
        371441.97   3773252.21       55.73172  (19012618)                371441.97
3773272.21       51.70119  (19012618)
        371441.97   3773292.21       47.23858  (19012618)                371441.97
3773312.21       44.69276  (23111119)
        371441.97   3773332.21       43.13387  (23111119)                371441.97
3773352.21       41.29439  (23111119)
        371441.97   3773372.21       39.43178  (23111119)                371461.97
3773112.21       57.92979  (23122018)
        371461.97   3773132.21       64.57236  (21012918)                371461.97
3773152.21       70.36378  (19012519)
        371461.97   3773172.21       75.68161  (21011619)                371461.97
3773192.21       69.28305  (19012618)
        371461.97   3773252.21       56.08027  (19012618)                371461.97
3773272.21       51.28477  (19012618)
        371461.97   3773292.21       47.71584  (23111119)                371461.97
3773312.21       45.53091  (23111119)
        371461.97   3773332.21       43.45298  (23111119)                371461.97
3773352.21       41.27026  (23111119)
        371461.97   3773372.21       39.20797  (22010519)                371481.97
3773172.21       76.50537  (21011619)
        371481.97   3773192.21       75.23982  (19012618)                371481.97
3773252.21       55.43776  (19012618)
        371481.97   3773272.21       50.51406  (23111119)                371481.97
3773292.21       47.85171  (23111119)
        371481.97   3773312.21       45.37512  (23111119)                371481.97
3773332.21       43.08452  (23111119)
        371481.97   3773352.21       40.86748  (23111119)                371481.97
3773372.21       39.42249  (22010519)
        371501.97   3773172.21       82.08702  (19012618)                371501.97
3773192.21       79.55858  (19012618)
        371501.97   3773232.21       60.21116  (19012618)                371501.97
3773252.21       54.44563  (19012618)
        371501.97   3773272.21       51.56621  (23111119)                371501.97
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3773292.21   50.46010 (23111119)
        371501.97   3773312.21   48.71387 (23111119)   371501.97
3773332.21   45.70921 (23111119)
        371501.97   3773352.21   42.80046 (22010519)   371501.97
3773372.21   41.23336 (22010519)
        371521.97   3773172.21   84.09183 (19012618)   371521.97
3773192.21   75.39762 (19012618)
        371521.97   3773212.21   66.87070 (19012618)   371521.97
3773232.21   60.50169 (19012618)
        371521.97   3773252.21   56.93333 (19012618)   371521.97
3773272.21   54.60002 (23111119)
        371521.97   3773292.21   51.98785 (23111119)   371521.97
3773312.21   49.28523 (23111119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                   HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                   HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                   HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371521.97   3773332.21   45.39653 (23111119)   371521.97
3773352.21   43.11294 (22010519)
        371521.97   3773372.21   41.13780 (22010519)   371541.97
3773172.21   86.47446 (19012618)
        371541.97   3773192.21   75.89827 (19012618)   371541.97
3773212.21   70.55652 (19012618)
        371541.97   3773232.21   64.96172 (19012618)   371541.97
3773252.21   58.97476 (19012618)

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        371541.97   3773272.21       55.30757  (23111119)              371541.97
3773292.21       51.80250  (23111119)
        371541.97   3773312.21       48.61582  (23111119)              371541.97
3773332.21       45.16257  (22010519)
        371541.97   3773352.21       42.95494  (22010519)              371541.97
3773372.21       41.01066  (22010519)
        371561.97   3773172.21       87.36110  (19012618)              371561.97
3773192.21       78.53256  (19012618)
        371561.97   3773212.21       71.18097  (19012618)              371561.97
3773232.21       64.44212  (19012618)
        371561.97   3773252.21       58.74767  (23111119)              371581.97
3773152.21      110.40381  (22122716)
        371581.97   3773172.21       90.23105  (19012618)              371581.97
3773192.21       80.83788  (19012618)
        371581.97   3773212.21       72.41177  (19012618)              371581.97
3773232.21       63.67325  (19012618)
        371581.97   3773252.21       59.24245  (23111119)              371581.97
3773352.21       42.30384  (22010519)
        371581.97   3773372.21       40.12591  (21010518)              371601.97
3773132.21      150.27263  (22122716)
        371601.97   3773152.21      115.12971  (22122716)              371601.97
3773172.21       95.48698  (19012618)
        371601.97   3773192.21       85.59918  (19012618)              371601.97
3773212.21       74.58838  (19012618)
        371601.97   3773232.21       65.19064  (21011418)              371601.97
3773292.21       50.19648  (23111119)
        371601.97   3773312.21       47.52690  (22010519)              371601.97
3773332.21       44.47438  (22010519)
        371601.97   3773352.21       41.72010  (21010518)              371601.97
3773372.21       39.53459  (21010518)
        371621.97   3773132.21      167.94642  (22122916)              371621.97
3773152.21      128.72777  (22040718)
        371621.97   3773172.21      103.41327  (22020719)              371621.97
3773192.21       89.01216  (22010618)
        371621.97   3773212.21       78.87438  (22010618)              371621.97
3773232.21       68.33241  (20111619)
        371621.97   3773272.21       54.97618  (20111619)              371621.97
3773292.21       50.90119  (20111619)
        371621.97   3773312.21       47.30327  (22010519)              371621.97
3773332.21       44.23633  (21010518)
        371621.97   3773352.21       41.29229  (21010518)              371621.97
3773372.21       38.53710  (21010518)
        371641.97   3773132.21      162.41953  (20101617)              371641.97
3773152.21      127.26639  (21111218)
        371641.97   3773172.21      107.77273  (21111218)              371641.97
3773192.21       93.26810  (22092819)
        371641.97   3773212.21       82.74991  (22020719)              371641.97
3773232.21       75.10587  (22020719)
        371641.97   3773252.21       67.08649  (20111619)              371641.97
3773272.21       61.51046  (20111619)
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        371641.97   3773292.21       55.88494  (20111619)                371641.97
3773312.21       47.46744  (20111619)
        371641.97   3773332.21       43.24226  (20111619)                371641.97
3773352.21       40.83555  (20111619)
        371641.97   3773372.21       38.73388  (20111619)                371661.97
3773132.21      165.22848  (19020117)
        371661.97   3773152.21      128.43671  (19120718)                371661.97
3773172.21      109.60243  (19120718)
        371661.97   3773192.21       95.19617  (21111218)                371661.97
3773212.21       83.78826  (21111218)
        371661.97   3773252.21       69.33746  (22020719)                371661.97
3773272.21       63.10778  (20120418)
        371661.97   3773292.21       55.97667  (20120418)                371661.97
3773312.21       47.45984  (20120418)
        371661.97   3773332.21       44.00994  (20120418)                371661.97
3773352.21       41.84040  (20111619)
        371661.97   3773372.21       40.48490  (20111619)                371681.97
3773132.21      163.19237  (21120716)
        371681.97   3773152.21      130.09103  (19020117)                371681.97
3773172.21      109.63035  (22020818)
        371681.97   3773192.21       97.09063  (19120718)                371681.97
3773212.21       85.42304  (19120718)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                  INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -
        371681.97   3773232.21       77.36742  (21111218)                371681.97
3773252.21       70.06310  (21111218)
        371681.97   3773272.21       63.75657  (19011919)                371681.97
3773292.21       52.69092  (22122219)
        371681.97   3773312.21       48.79477  (20120418)                371681.97
3773332.21       43.96834  (20120418)
        371681.97   3773352.21       42.04065  (20120418)                371681.97
3773372.21       40.28544  (20120418)
        371701.97   3773132.21      170.37999  (19042318)                371701.97
3773152.21      124.58190  (19020117)
        371701.97   3773172.21      110.69700  (21011618)                371701.97
3773192.21       97.02606  (21011319)
        371701.97   3773232.21       77.46882  (20022719)                371701.97
3773252.21       70.14811  (20022719)
        371701.97   3773272.21       63.89382  (20122119)                371701.97
3773292.21       56.01751  (20122119)
        371701.97   3773312.21       51.64399  (22122219)                371701.97
3773332.21       46.35024  (22122219)
        371701.97   3773352.21       42.67919  (22122219)                371701.97
3773372.21       39.91746  (22122219)
        371721.97   3773132.21      184.17658  (19042318)                371721.97
3773152.21      125.64779  (21120716)
        371721.97   3773172.21      109.43796  (21011618)                371721.97
3773192.21       97.49424  (21011618)
        371721.97   3773232.21       77.58150  (20122118)                371721.97
3773252.21       70.70739  (20022719)
        371721.97   3773272.21       65.31507  (20022719)                371721.97
3773292.21       59.27236  (20022719)
        371721.97   3773312.21       52.72403  (20122119)                371721.97
3773332.21       46.30148  (20122119)
        371721.97   3773352.21       43.46511  (22122219)                371721.97
3773372.21       40.94246  (22122219)
        371741.97   3773132.21      182.16080  (19042318)                371741.97
3773152.21      126.49493  (19042318)
        371741.97   3773172.21      108.34466  (21122218)                371741.97
3773192.21       97.55470  (21011618)
        371741.97   3773212.21       87.73536  (19121218)                371741.97
3773232.21       76.18312  (20110519)
        371741.97   3773252.21       69.90670  (22020819)                371741.97
3773272.21       61.49566  (22020819)
        371741.97   3773292.21       56.26770  (20022719)                371741.97
3773312.21       50.73928  (20022719)
        371741.97   3773332.21       46.26443  (20022719)                371741.97
3773352.21       43.75357  (20122119)
        371741.97   3773372.21       41.66332  (20122119)                371761.97
3773132.21      179.36276  (19042318)
        371761.97   3773152.21      132.94238  (19042318)                371761.97
3773172.21      107.57843  (19120719)
        371761.97   3773212.21       87.90457  (19121218)                371761.97
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3773232.21       75.81054  (20110519)
        371761.97   3773252.21       70.07704  (20110519)                371761.97
3773272.21       63.13957  (22020819)
        371761.97   3773292.21       52.96301  (22110419)                371761.97
3773312.21       48.72339  (20102819)
        371761.97   3773332.21       45.46301  (20022719)                371761.97
3773352.21       43.29768  (20022719)
        371761.97   3773372.21       41.09708  (20022719)                371781.97
3773132.21      174.34243  (19042318)
        371781.97   3773152.21      133.46114  (19042318)                371781.97
3773212.21       87.70657  (22012419)
        371781.97   3773232.21       78.74107  (19121218)                371781.97
3773252.21       70.14622  (20110519)
        371781.97   3773272.21       61.92472  (19102619)                371781.97
3773292.21       53.25233  (19102619)
        371781.97   3773312.21       48.21252  (19102619)                371781.97
3773332.21       45.24745  (22110419)
        371781.97   3773352.21       42.92056  (20102819)                371781.97
3773372.21       41.57041  (20022719)
        371801.97   3773132.21      171.49124  (19042318)                371801.97
3773152.21      132.26520  (19042318)
        371801.97   3773192.21       97.64286  (20022519)                371801.97
3773212.21       87.84518  (20010319)
        371801.97   3773232.21       78.06805  (23120419)                371801.97
3773252.21       69.79821  (23120419)
        371801.97   3773272.21       57.89712  (19102619)                371801.97
3773292.21       52.54776  (19102619)
        371801.97   3773312.21       48.78240  (19102619)                371801.97
3773332.21       45.91581  (19102619)
        371801.97   3773352.21       43.94526  (22020819)                371801.97
3773372.21       41.89621  (22110419)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371821.97	3773132.21	171.55892	(19042318)	371821.97	3773152.21	130.66545	(19042318)
371821.97	3773192.21	98.27437	(21011219)	371821.97	3773212.21	88.22028	(21011219)
371821.97	3773232.21	75.36819	(23120419)	371821.97	3773252.21	63.62363	(23120419)
371821.97	3773272.21	55.77238	(23120419)	371821.97	3773292.21	51.02591	(19102619)
371821.97	3773312.21	48.54520	(19102619)	371821.97	3773332.21	46.35560	(19102619)
371821.97	3773352.21	44.52359	(19102619)	371821.97	3773372.21	41.96889	(22020819)
371841.97	3773132.21	170.19377	(19042318)	371841.97	3773152.21	129.11605	(19042318)
371841.97	3773192.21	98.47510	(21011219)	371841.97	3773212.21	88.02236	(21011219)
371841.97	3773232.21	74.64207	(21122119)	371841.97	3773252.21	61.86295	(20121018)
371841.97	3773272.21	54.87977	(23120419)	371841.97	3773292.21	51.62191	(23120419)
371841.97	3773312.21	48.08025	(19102619)	371841.97	3773332.21	46.07023	(19102619)
371841.97	3773352.21	44.35885	(19102619)	371841.97	3773372.21	42.35095	(19102619)
371861.97	3773132.21	168.38359	(19042318)	371861.97	3773152.21	127.00407	(19042318)
371861.97	3773192.21	98.42591	(21011219)	371861.97	3773212.21	87.70001	(21112918)
371861.97	3773232.21	73.35159	(21122119)	371861.97	3773252.21	61.66662	(20121018)
371861.97	3773272.21	55.90594	(20121018)	371861.97	3773292.21	51.86696	(23120419)
371861.97	3773312.21	49.42178	(23120419)	371861.97	3773332.21	48.15637	(19102619)
371861.97	3773352.21	48.24213	(19102619)	371861.97	3773372.21	45.73773	(19102619)
371881.97	3773132.21	166.03043	(19042318)	371881.97	3773152.21	126.40619	(19042318)
371881.97	3773192.21	98.37709	(19120617)	371881.97	3773212.21	87.94280	(23101719)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371629.72	3772904.76	283.57780	(19071604)	371639.72	3772904.76	279.24076	(19071604)
371649.72	3772904.76	272.46566	(19071604)	371659.72	3772904.76	261.67888	(19071604)
371599.72	3772914.76	327.96113	(20121106)	371609.72	3772914.76	324.16329	(20121106)
371619.72	3772914.76	315.51616	(20121106)	371629.72	3772914.76	314.32236	(19071604)
371639.72	3772914.76	308.12378	(19071604)	371649.72	3772914.76	298.20828	(19071604)
371659.72	3772914.76	285.03426	(19071604)	371569.72	3772924.76	351.05883	(19051005)

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        371579.72   3772924.76      359.43751  (19051005)              371589.72
3772924.76      362.34059  (20121106)
        371599.72   3772924.76      366.68111  (20121106)              371609.72
3772924.76      361.34860  (20121106)
        371619.72   3772924.76      351.96125  (19071604)              371629.72
3772924.76      350.62641  (19071604)
        371639.72   3772924.76      341.66329  (19071604)              371649.72
3772924.76      328.48218  (19071604)
        371659.72   3772924.76      311.77351  (22011805)              371569.72
3772934.76      391.36728  (19051005)
        371579.72   3772934.76      403.75450  (19051005)              371589.72
3772934.76      409.65514  (19051005)
        371599.72   3772934.76      412.70543  (20121106)              371609.72
3772934.76      405.75563  (20121106)
        371619.72   3772934.76      396.41615  (19071604)              371629.72
3772934.76      393.49210  (19071604)
        371639.72   3772934.76      382.25696  (19071604)              371649.72
3772934.76      365.16941  (19071604)
        371659.72   3772934.76      343.39344  (22011805)              371569.72
3772944.76      440.29254  (19051005)
        371579.72   3772944.76      457.86144  (19051005)              371589.72
3772944.76      465.83330  (19051005)
        371599.72   3772944.76      467.64585  (20121106)              371609.72
3772944.76      462.10515  (20121106)
        371619.72   3772944.76      454.27024  (19071604)              371629.72
3772944.76      446.00240  (19071604)
        371639.72   3772944.76      429.58075  (19071604)              371649.72
3772944.76      406.43090  (19071604)
        371659.72   3772944.76      380.38225  (21052503)              371569.72
3772954.76      500.55952  (19051005)
        371579.72   3772954.76      525.19299  (19051005)              371589.72
3772954.76      537.82617  (19051005)
        371599.72   3772954.76      539.67069  (20121106)              371609.72
3772954.76      533.34057  (20121106)
        371619.72   3772954.76      525.30570  (19071604)              371629.72
3772954.76      511.64238  (19071604)
        371639.72   3772954.76      488.65580  (19071604)              371649.72
3772954.76      457.22346  (19071604)
        371659.72   3772954.76      424.21474  (21052503)              371569.72
3772964.76      575.53186  (19051005)
        371579.72   3772964.76      611.24501  (19051005)              371589.72
3772964.76      633.00420  (19051005)
        371599.72   3772964.76      634.68290  (20121106)              371609.72
3772964.76      627.58428  (20121106)
        371619.72   3772964.76      618.16554  (19071604)              371629.72
3772964.76      595.82683  (19071604)
        371639.72   3772964.76      561.37121  (19071604)              371649.72
3772964.76      518.00081  (19071604)
        371659.72   3772964.76      478.14576  (21020208)              371569.72
3772970.33      626.69809  (22011403)
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        371579.72   3772970.33      669.00459  (19051005)               371589.72
3772970.33      696.18301  (19051005)
        371599.72   3772970.33      701.38224  (19051005)               371609.72
3772970.33      693.76685  (20121106)
        371619.72   3772974.76      739.97526  (19071604)               371629.72
3772974.76      703.61231  (19071604)
        371639.72   3772974.76      651.13686  (19071604)               371649.72
3772974.76      591.29452  (21052503)
        371659.72   3772974.76      545.33533  (21020208)               371619.72
3772984.76      902.69598  (19071604)
        371629.72   3772984.76      844.16357  (19071604)               371639.72
3772984.76      765.06403  (19071604)
        371649.72   3772984.76      689.01367  (21020208)               371659.72
3772984.76      622.91332  (21020208)
        371569.87   3772991.40      910.50445  (22011403)               371579.87
3772991.40     1004.65197  (19051005)
        371589.87   3772991.40     1080.25390  (19051005)               371599.87
3772991.40     1110.30308  (19051005)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                  INCLUDING SOURCE(S):     NIGHT       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371609.87   3772991.40     1090.79284  (19071604)               371619.72
3772994.76     1143.91320  (19071604)
        371629.72   3772994.76     1044.74526  (19071604)               371639.72
3772994.76      918.67417  (19071604)
        371649.72   3772994.76      813.54237  (21020208)               371659.72
3772994.76      727.97995  (22080806)
        371570.04   3773001.54     1116.70028  (22053004)               371580.04
3773001.54     1274.75945  (19051005)
        371590.04   3773001.54     1410.38859  (19051005)               371600.04
3773001.54     1472.00837  (19051005)
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        371610.04   3773001.54     1450.42238  (19071604)                371619.72
3773004.76     1520.79408  (19071604)
        371629.72   3773004.76     1343.54172  (19071604)                371639.72
3773004.76     1150.42682  (22080806)
        371649.72   3773004.76     1006.62257  (22080806)                371659.72
3773004.76      857.30705  (22080806)
        371619.72   3773014.76     2143.68916  (19071604)                371629.72
3773014.76     1807.26879  (19071604)
        371639.72   3773014.76     1518.44450  (22080806)                371649.72
3773014.76     1236.90861  (22080806)
        371659.72   3773014.76      993.71957  (20012107)                371619.72
3773020.25     2674.74243  (19071604)
        371629.72   3773020.25     2181.91653  (22080806)                371639.72
3773020.25     1735.80761  (22080806)
        371649.72   3773020.25     1349.83892  (22080806)                371659.72
3773020.25     1073.26101  (22070106)
        371678.38   3772888.96      215.14704  (22011805)                371688.38
3772888.96      207.30088  (21052503)
        371698.38   3772888.96      198.95762  (21052503)                371708.38
3772888.96      189.71087  (21020208)
        371718.38   3772888.96      183.16748  (21020208)                371678.38
3772898.96      230.68504  (21052503)
        371688.38   3772898.96      221.30653  (21052503)                371698.38
3772898.96      211.46505  (21052503)
        371708.38   3772898.96      203.65602  (21020208)                371718.38
3772898.96      195.87774  (21020208)
        371678.38   3772918.96      269.84163  (21052503)                371688.38
3772918.96      254.62993  (21020208)
        371698.38   3772918.96      245.01247  (21020208)                371708.38
3772918.96      233.96144  (21020208)
        371718.38   3772918.96      221.64820  (21020208)                371678.38
3772928.96      293.24511  (21052503)
        371688.38   3772928.96      279.45945  (21020208)                371698.38
3772928.96      266.20518  (21020208)
        371708.38   3772928.96      251.99015  (21020208)                371718.38
3772928.96      236.49991  (21020208)
        371678.38   3772938.96      321.70747  (21020208)                371688.38
3772938.96      305.81193  (21020208)
        371698.38   3772938.96      287.87310  (21020208)                371708.38
3772938.96      268.93767  (21020208)
        371718.38   3772938.96      250.42887  (21020208)                371678.38
3772948.96      354.96272  (21020208)
        371688.38   3772948.96      333.56541  (21020208)                371698.38
3772948.96      310.53956  (21020208)
        371708.38   3772948.96      287.20837  (21020208)                371718.38
3772948.96      268.36366  (22080806)
        371678.38   3772958.96      391.72820  (21020208)                371688.38
3772958.96      363.03826  (21020208)
        371698.38   3772958.96      333.22283  (21020208)                371708.38
3772958.96      311.48073  (22080806)
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        371718.38   3772958.96      293.82817  (20012107)                371678.38
3772968.96      431.91156  (21020208)
        371688.38   3772968.96      394.99320  (22080806)                371698.38
3772968.96      368.10087  (20012107)
        371708.38   3772968.96      343.66296  (20012107)                371718.38
3772968.96      320.35045  (20012107)
        371678.38   3772978.96      481.00107  (22080806)                371688.38
3772978.96      443.99515  (20012107)
        371698.38   3772978.96      409.51014  (20012107)                371708.38
3772978.96      376.35656  (20012107)
        371718.38   3772978.96      346.26898  (20012107)                371678.38
3772988.96      545.82001  (20012107)
        371688.38   3772988.96      497.99913  (20012107)                371698.38
3772988.96      449.59256  (20012107)
        371708.38   3772988.96      405.86031  (20012107)                371718.38
3772988.96      368.79791  (20012107)
        371678.38   3772998.96      616.16951  (20012107)                371688.38
3772998.96      549.44269  (20012107)
        371698.38   3772998.96      487.12094  (20012107)                371708.38
3772998.96      434.61240  (20012107)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371718.38   3772998.96      390.54439  (20012107)                371678.38
3773008.96      683.78107  (20012107)
        371688.38   3773008.96      596.23244  (20012107)                371698.38
3773008.96      520.70344  (20012107)
        371708.38   3773008.96      458.01616  (20012107)                371718.38
3773008.96      408.84513  (22070106)
        371678.38   3773018.96      747.81211  (22070106)                371688.38
3773018.96      641.07820  (22070106)
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        371698.38   3773018.96      555.28182  (22070106)              371708.38
3773018.96      486.46274  (22070106)
        371718.38   3773018.96      430.80244  (22070106)              371734.81
3772871.37      155.26372  (21020208)
        371754.81   3772871.37      144.80571  (21020208)              371774.81
3772871.37      132.69421  (21020208)
        371734.81   3772911.37      193.77863  (21020208)              371754.81
3772911.37      172.71386  (21020208)
        371774.81   3772911.37      158.45299  (20092403)              371734.81
3772931.37      214.13399  (20092403)
        371754.81   3772931.37      196.25979  (20012107)              371774.81
3772931.37      179.44656  (20012107)
        371734.81   3772951.37      252.73484  (20012107)              371754.81
3772951.37      225.58650  (20012107)
        371774.81   3772951.37      199.91998  (20012107)              371734.81
3772971.37      287.36338  (20012107)
        371754.81   3772971.37      248.53235  (20012107)              371774.81
3772971.37      215.91194  (20012107)
        371734.81   3772991.37      320.58409  (20012107)              371754.81
3772991.37      268.47140  (21120105)
        371774.81   3772991.37      229.02073  (21120105)              371734.81
3773011.37      349.21147  (22070106)
        371754.81   3773011.37      289.54819  (22070106)              371774.81
3773011.37      245.20472  (22070106)
        371799.03   3772785.46       88.05384  (21020208)              371819.03
3772785.46       84.41867  (21020208)
        371839.03   3772785.46       80.27442  (21020208)              371859.03
3772785.46       75.35894  (21020208)
        371879.03   3772785.46       70.40502  (21020208)              371899.03
3772785.46       66.51042  (21021004)
        371919.03   3772785.46       63.26299  (22011404)              371939.03
3772785.46       60.68318  (20092403)
        371799.03   3772805.46       94.98903  (21020208)              371819.03
3772805.46       90.03263  (21020208)
        371839.03   3772805.46       84.59159  (21020208)              371859.03
3772805.46       78.50360  (21020208)
        371879.03   3772805.46       73.41516  (21021004)              371899.03
3772805.46       70.59493  (22011404)
        371919.03   3772805.46       67.68887  (20092403)              371939.03
3772805.46       65.05367  (20092403)
        371799.03   3772825.46      102.26098  (21020208)              371819.03
3772825.46       95.72918  (21020208)
        371839.03   3772825.46       89.41647  (21020208)              371859.03
3772825.46       83.12263  (21021004)
        371879.03   3772825.46       78.40650  (20092403)              371899.03
3772825.46       75.87001  (20092403)
        371919.03   3772825.46       72.64699  (20092403)              371939.03
3772825.46       69.54684  (20012107)
        371799.03   3772845.46      109.56249  (21020208)              371819.03
3772845.46      101.27137  (21020208)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NIGHT ***
INCLUDING SOURCE(S): NIGHT ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371799.03	3772905.46	140.63652	(20012107)	371819.03	3772905.46	132.65350	(20012107)
371839.03	3772905.46	123.11472	(20012107)	371859.03	3772905.46	114.64305	(20012107)
371879.03	3772905.46	106.20188	(20012107)	371899.03	3772905.46	98.61831	(20012107)

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        371919.03   3772905.46       91.25455  (20012107)               371939.03
3772905.46       84.94059  (20012107)
        371799.03   3772925.46      156.89233  (20012107)               371819.03
3772925.46      144.32822  (20012107)
        371839.03   3772925.46      132.16922  (20012107)               371859.03
3772925.46      120.84530  (20012107)
        371879.03   3772925.46      111.04975  (20012107)               371899.03
3772925.46      102.03548  (20012107)
        371919.03   3772925.46       93.54003  (21120105)               371939.03
3772925.46       87.07306  (21120105)
        371799.03   3772945.46      171.05547  (20012107)               371819.03
3772945.46      154.21864  (20012107)
        371839.03   3772945.46      139.20438  (20012107)               371859.03
3772945.46      125.68060  (20012107)
        371879.03   3772945.46      114.62258  (21120105)               371899.03
3772945.46      105.13384  (21120105)
        371919.03   3772945.46       96.63253  (21120105)               371939.03
3772945.46       89.12778  (21120105)
        371799.03   3772965.46      182.22307  (20012107)               371819.03
3772965.46      161.35654  (21120105)
        371839.03   3772965.46      144.69520  (21120105)               371859.03
3772965.46      130.27104  (21120105)
        371879.03   3772965.46      117.88586  (21120105)               371899.03
3772965.46      108.26014  (22070106)
        371919.03   3772965.46       99.93299  (22070106)               371939.03
3772965.46       92.67629  (22070106)
        371799.03   3772985.46      190.62709  (21120105)               371819.03
3772985.46      168.56227  (22070106)
        371839.03   3772985.46      150.83631  (22070106)               371859.03
3772985.46      136.37601  (22070106)
        371879.03   3772985.46      123.74932  (22070106)               371899.03
3772985.46      112.95300  (22070106)
        371919.03   3772985.46      103.80059  (22070106)               371939.03
3772985.46       95.82429  (22070106)
        371799.03   3773005.46      202.29790  (22070106)               371819.03
3773005.46      177.50530  (22070106)
        371839.03   3773005.46      157.44408  (22070106)               371859.03
3773005.46      141.44280  (22070106)
        371879.03   3773005.46      127.75016  (22070106)               371899.03
3773005.46      116.25571  (22070106)
        371919.03   3773005.46      106.17928  (22070106)               371939.03
3773005.46       97.55394  (22070106)
        371437.18   3772897.50      173.40526  (22011903)               371437.18
3772917.50      187.83253  (22011903)
        371437.18   3772937.50      200.37028  (21090103)               371437.18
3772957.50      221.17655  (22092807)
        371457.18   3772897.50      190.58807  (19121407)               371457.18
3772917.50      209.24358  (22011903)
        371457.18   3772937.50      226.99511  (22011903)               371477.18
3772897.50      203.69203  (22122906)
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3772937.50      285.94013  (19121407)
        371517.18   3772877.50      205.61611  (22011403)               371517.18
3772897.50      234.82343  (22011403)
        371517.18   3772917.50      269.25686  (22011403)               371537.18
3772857.50      182.32626  (19051005)
        371537.18   3772877.50      207.57193  (22011403)               371537.18
3772897.50      244.75350  (22011403)
        371537.18   3772917.50      294.25999  (22011403)               371557.18
3772857.50      190.99719  (19051005)
        371557.18   3772877.50      220.35399  (19051005)               371557.18
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        371577.18   3772857.50      194.25479  (19051005)               371577.18
3772877.50      225.38928  (19051005)
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3772817.50      146.64112  (20121106)
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3772857.50      191.77838  (20121106)
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3772837.50      163.12903  (19071604)
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3772877.50      218.27894  (19071604)
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3772857.50      173.69803  (19071604)
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        371697.18   3772857.50      163.10158  (21052503)                371717.18
3772757.50       95.53445  (22011805)
        371717.18   3772777.50      103.54706  (22011805)                371717.18
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3772972.70       99.75400  (22123005)
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1 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                   PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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3773032.70      123.20620  (21121508)
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3772932.70      119.65436  (22092807)
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3772972.70      129.15614  (22123005)
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3772872.70      110.90978  (23022306)
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3772992.70      145.97029  (22123005)
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3773072.70      195.29449  (23101707)
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3772772.70       88.69199  (22122906)
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3772992.70      183.39382  (22123005)
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3772792.70      102.75488  (22122906)
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3772832.70      120.90194  (19121407)
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3772872.70      140.81075  (22011903)
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3772752.70       94.27453  (22011403)
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3772792.70      107.88713  (22011403)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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                                   PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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3773192.21      147.53505  (19092303)
        371281.97   3773212.21      142.04358  (21062804)                371281.97
3773232.21      139.99702  (21062804)
        371281.97   3773252.21      133.12945  (22091202)                371281.97
3773272.21      113.42414  (20070906)
        371281.97   3773292.21      107.34184  (23102007)                371281.97
3773312.21      107.47550  (23102007)
        371281.97   3773332.21       97.61466  (23102007)                371281.97
3773352.21       89.83904  (23102007)
        371281.97   3773372.21       84.13459  (21111602)                371301.97
3773112.21      168.10154  (21070706)
        371301.97   3773132.21      162.80834  (20090302)                371301.97
3773152.21      163.83220  (21090105)
        371301.97   3773172.21      159.90417  (21090105)                371301.97
3773192.21      157.37379  (19092303)
        371301.97   3773212.21      155.16951  (21062804)                371301.97
3773232.21      152.67504  (22091202)
        371301.97   3773252.21      140.57002  (22091202)                371301.97
3773272.21      127.34676  (23102007)
        371301.97   3773292.21      118.15208  (23102007)                371301.97
3773312.21      109.83575  (23102007)
        371301.97   3773332.21       97.45865  (23102007)                371301.97
3773352.21       89.63245  (21111602)
        371301.97   3773372.21       84.72963  (23111803)                371321.97
3773112.21      178.33212  (21070706)
        371321.97   3773132.21      172.19393  (20090302)                371321.97
3773152.21      176.26149  (21090105)
        371321.97   3773172.21      172.04951  (19092303)                371321.97
3773192.21      171.41499  (21062804)
        371321.97   3773212.21      168.83337  (22091202)                371321.97
3773232.21      161.89179  (22091202)
        371321.97   3773252.21      151.36632  (20070906)                371321.97
3773272.21      149.01008  (23102007)
        371321.97   3773292.21      132.88612  (23102007)                371321.97
3773312.21      115.09770  (23102007)
        371321.97   3773332.21       97.54164  (21111602)                371321.97
3773352.21       91.43327  (23111803)
        371321.97   3773372.21       91.44554  (20102403)                371341.97
3773112.21      191.77749  (21070706)
        371341.97   3773132.21      189.19863  (20090302)                371341.97
3773152.21      190.41293  (21090105)
        371341.97   3773172.21      187.20786  (19092303)                371341.97
3773192.21      186.30114  (21062804)
        371341.97   3773212.21      181.50646  (22091202)                371341.97
3773232.21      168.76056  (20070906)
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        371341.97   3773252.21      161.67744  (23102007)                371341.97
3773272.21      151.61567  (23102007)
        371341.97   3773292.21      135.39690  (23102007)                371341.97
3773312.21      116.34864  (23102007)
        371341.97   3773332.21      101.01262  (20073105)                371341.97
3773352.21       97.90150  (20102403)
        371341.97   3773372.21       96.07818  (20102403)                371361.97
3773112.21      215.31263  (20090302)
        371361.97   3773132.21      213.15306  (21090105)                371361.97
3773152.21      209.87319  (19092303)
        371361.97   3773172.21      207.71463  (21062804)                371361.97
3773192.21      202.47407  (22091202)
        371361.97   3773212.21      190.39415  (22091202)                371361.97
3773232.21      185.98936  (23102007)
        371361.97   3773292.21      134.39641  (23102007)                371361.97
3773312.21      122.61268  (22082505)
        371361.97   3773332.21      115.38828  (22082505)                371361.97
3773352.21      107.53710  (21030807)
        371361.97   3773372.21       98.15909  (23091105)                371381.97
3773112.21      237.90038  (20090302)
        371381.97   3773132.21      238.67553  (21090105)                371381.97
3773152.21      231.17620  (21062804)
        371381.97   3773172.21      228.09458  (22091202)                371381.97
3773192.21      218.58535  (22091202)
        371381.97   3773212.21      208.60042  (23102007)                371381.97
3773232.21      202.44037  (23102007)
        371381.97   3773252.21      183.11589  (23102007)                371381.97
3773272.21      157.14253  (23102007)
        371381.97   3773292.21      145.41864  (22082505)                371381.97
3773352.21      124.40908  (21030807)
        371381.97   3773372.21      114.55929  (21030807)                371401.97
3773112.21      266.56182  (20090302)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                INCLUDING SOURCE(S):     NIGHT       ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371401.97	3773132.21	265.78824	(19092303)	371401.97	3773152.21	259.21583	(21062804)
371401.97	3773172.21	243.90849	(22091202)	371401.97	3773192.21	232.05813	(23102007)
371401.97	3773212.21	224.81665	(23102007)	371401.97	3773232.21	204.22440	(23102007)
371401.97	3773252.21	180.47430	(23102007)	371401.97	3773272.21	164.30669	(22082505)
371401.97	3773292.21	157.99265	(22082505)	371401.97	3773312.21	147.67773	(21030807)
371401.97	3773332.21	138.43263	(21030807)	371401.97	3773352.21	127.85062	(21030807)
371401.97	3773372.21	118.68527	(19090705)	371421.97	3773112.21	303.94858	(21090105)
371421.97	3773132.21	298.01769	(19092303)	371421.97	3773152.21	292.79014	(22091202)
371421.97	3773172.21	269.49566	(22091202)	371421.97	3773192.21	262.08787	(23102007)
371421.97	3773212.21	232.57925	(23102007)	371421.97	3773232.21	204.56882	(23102007)
371421.97	3773252.21	180.42177	(22082505)	371421.97	3773272.21	171.85332	(21030807)
371421.97	3773292.21	164.31895	(21030807)	371421.97	3773312.21	154.68253	(21030807)
371421.97	3773332.21	140.28848	(19090705)	371421.97	3773352.21	130.50592	(19090705)
371421.97	3773372.21	119.61346	(19090705)	371441.97	3773112.21	339.44763	(21090105)
371441.97	3773132.21	344.66891	(22091202)	371441.97	3773152.21	329.09991	(22091202)
371441.97	3773172.21	301.61159	(23102007)	371441.97	3773192.21	253.48617	(23102007)
371441.97	3773212.21	205.96485	(23102007)	371441.97	3773232.21	190.79850	(22082505)
371441.97	3773252.21	174.59369	(21030807)	371441.97	3773272.21	162.42236	(21030807)
371441.97	3773292.21	152.61257	(21030807)	371441.97	3773312.21	144.85241	(19090705)
371441.97	3773332.21	134.29841	(19090705)	371441.97	3773352.21	121.04457	(19090705)
371441.97	3773372.21	103.84021	(19090705)	371461.97	3773112.21	394.03765	(22091202)
371461.97	3773132.21	398.15073	(22091202)	371461.97	3773152.21	381.72933	(23102007)
371461.97	3773172.21	340.23802	(23102007)	371461.97	3773192.21	272.10587	(23102007)

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        371461.97   3773252.21      177.44880  (23091105)               371461.97
3773272.21      164.78002  (19090705)
        371461.97   3773292.21      152.08437  (19090705)               371461.97
3773312.21      137.76972  (19090705)
        371461.97   3773332.21      121.60623  (19090705)               371461.97
3773352.21      106.07237  (19090705)
        371461.97   3773372.21       92.69831  (19090304)               371481.97
3773172.21      371.64856  (23102007)
        371481.97   3773192.21      329.89756  (22082505)               371481.97
3773252.21      188.07729  (19090705)
        371481.97   3773272.21      168.15497  (19090705)               371481.97
3773292.21      148.76500  (19090705)
        371481.97   3773312.21      130.58950  (19090705)               371481.97
3773332.21      113.54109  (19090705)
        371481.97   3773352.21      106.88893  (22011402)               371481.97
3773372.21      103.96319  (22011402)
        371501.97   3773172.21      401.47963  (22082505)               371501.97
3773192.21      349.47732  (23091105)
        371501.97   3773232.21      223.58980  (19090705)               371501.97
3773252.21      193.33770  (19090705)
        371501.97   3773272.21      177.78884  (19090705)               371501.97
3773292.21      162.28717  (19090705)
        371501.97   3773312.21      152.76462  (22011402)               371501.97
3773332.21      142.58800  (22011402)
        371501.97   3773352.21      131.64840  (22092602)               371501.97
3773372.21      125.44548  (22092602)
        371521.97   3773172.21      393.90185  (21030807)               371521.97
3773192.21      327.89781  (19090705)
        371521.97   3773212.21      265.24622  (19090705)               371521.97
3773232.21      222.29412  (19090705)
        371521.97   3773252.21      203.56875  (19090705)               371521.97
3773272.21      195.53197  (22011402)
        371521.97   3773292.21      184.30349  (22092602)               371521.97
3773312.21      173.31646  (22092602)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CONSTR   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371521.97	3773332.21	156.55747	(22092602)	371521.97	3773352.21	143.85628	(22092602)
371521.97	3773372.21	132.46134	(22092602)	371541.97	3773172.21	410.80076	(19090705)
371541.97	3773192.21	315.03886	(19090705)	371541.97	3773212.21	273.84698	(22092602)
371541.97	3773232.21	259.77289	(22092602)	371541.97	3773252.21	242.49553	(22092602)
371541.97	3773272.21	220.07730	(22092602)	371541.97	3773292.21	196.56246	(22092602)
371541.97	3773312.21	179.29344	(22092602)	371541.97	3773332.21	160.13092	(22123006)
371541.97	3773352.21	144.70831	(22123006)	371541.97	3773372.21	133.84792	(22123006)
371561.97	3773172.21	398.78427	(22092602)	371561.97	3773192.21	348.68936	(22092602)
371561.97	3773212.21	309.98343	(22092602)	371561.97	3773232.21	278.37276	(22092602)
371561.97	3773252.21	253.34406	(20072004)	371581.97	3773152.21	665.74241	(20072004)
371581.97	3773172.21	506.87870	(20072004)	371581.97	3773192.21	439.53697	(20072004)
371581.97	3773212.21	387.78320	(20072004)	371581.97	3773232.21	342.97109	(20072004)
371581.97	3773252.21	309.04856	(20072004)	371581.97	3773352.21	185.23738	(20072004)
371581.97	3773372.21	170.92412	(20072004)	371601.97	3773132.21	1008.06450	(19061002)
371601.97	3773152.21	789.23184	(19061002)	371601.97	3773172.21	632.83135	(19061002)
371601.97	3773192.21	525.86844	(19061002)	371601.97	3773212.21	438.54029	(19061002)
371601.97	3773232.21	379.74895	(19061002)	371601.97	3773292.21	262.63784	(20072004)
371601.97	3773312.21	236.58337	(20072004)	371601.97	3773332.21	212.94201	(20072004)
371601.97	3773352.21	193.67679	(20072004)	371601.97	3773372.21	175.78639	(20072004)
371621.97	3773132.21	996.92767	(20091803)	371621.97	3773152.21	791.40513	(20091803)
371621.97	3773172.21	642.84710	(20091803)	371621.97	3773192.21	536.74275	(20091803)
371621.97	3773212.21	458.12275	(20091803)	371621.97	3773232.21	389.51115	(21072305)

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        371621.97   3773272.21      297.54151  (21072305)               371621.97
3773292.21      267.57433  (21072305)
        371621.97   3773312.21      234.01321  (21072305)               371621.97
3773332.21      210.57339  (21113002)
        371621.97   3773352.21      184.06675  (20072004)               371621.97
3773372.21      163.85233  (20072004)
        371641.97   3773132.21      989.48120  (21072906)               371641.97
3773152.21      760.94940  (19090306)
        371641.97   3773172.21      626.86160  (22081506)               371641.97
3773192.21      521.19346  (22081506)
        371641.97   3773212.21      439.85776  (20012503)               371641.97
3773232.21      385.80069  (20012503)
        371641.97   3773252.21      337.24464  (20091803)               371641.97
3773272.21      302.87833  (20091803)
        371641.97   3773292.21      270.60822  (20091803)               371641.97
3773312.21      223.70682  (20091803)
        371641.97   3773332.21      184.60265  (21072305)               371641.97
3773352.21      170.66964  (21072305)
        371641.97   3773372.21      155.16009  (21072305)               371661.97
3773132.21      860.58040  (21072906)
        371661.97   3773152.21      741.18237  (21072906)               371661.97
3773172.21      620.22168  (21072906)
        371661.97   3773192.21      508.01284  (19090306)               371661.97
3773212.21      435.24073  (22081506)
        371661.97   3773252.21      338.87084  (22081506)               371661.97
3773272.21      293.55170  (19051304)
        371661.97   3773292.21      249.49212  (20012503)               371661.97
3773312.21      198.74546  (20012503)
        371661.97   3773332.21      171.92648  (20012503)               371661.97
3773352.21      156.34718  (20012503)
        371661.97   3773372.21      143.79069  (21050502)               371681.97
3773132.21      762.60497  (20102407)
        371681.97   3773152.21      649.68350  (19080606)               371681.97
3773172.21      564.63035  (21072906)
        371681.97   3773192.21      505.68967  (21072906)               371681.97
3773212.21      440.40239  (21072906)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                  PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                  INCLUDING SOURCE(S):     NIGHT       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371681.97	3773232.21	375.56886	(21072906)	371681.97	3773252.21	331.78577	(19090306)
371681.97	3773272.21	295.48984	(22081506)	371681.97	3773292.21	239.06701	(20072703)
371681.97	3773312.21	213.21615	(22081506)	371681.97	3773332.21	169.79123	(19051304)
371681.97	3773352.21	155.08316	(19051304)	371681.97	3773372.21	141.08969	(20012503)
371701.97	3773132.21	574.70442	(19071106)	371701.97	3773152.21	580.01513	(20102407)
371701.97	3773172.21	516.19290	(19080606)	371701.97	3773192.21	447.47913	(19080606)
371701.97	3773232.21	375.93558	(21072906)	371701.97	3773252.21	332.52941	(21072906)
371701.97	3773272.21	290.01802	(21072906)	371701.97	3773292.21	245.34985	(21082602)
371701.97	3773312.21	221.35972	(20072703)	371701.97	3773332.21	193.74431	(20072703)
371701.97	3773352.21	169.05171	(20072703)	371701.97	3773372.21	148.10940	(22081506)
371721.97	3773132.21	503.92271	(23101107)	371721.97	3773152.21	440.27331	(19071106)
371721.97	3773172.21	464.65167	(20102407)	371721.97	3773192.21	423.22248	(19080606)
371721.97	3773232.21	337.51088	(21072906)	371721.97	3773252.21	317.56345	(21072906)
371721.97	3773272.21	292.43155	(21072906)	371721.97	3773292.21	260.90701	(21072906)
371721.97	3773312.21	219.83922	(21072906)	371721.97	3773332.21	186.09916	(21082602)
371721.97	3773352.21	170.12289	(20072703)	371721.97	3773372.21	154.10810	(20072703)
371741.97	3773132.21	437.99115	(23101107)	371741.97	3773152.21	393.38532	(23101107)
371741.97	3773172.21	412.85109	(19071106)	371741.97	3773192.21	389.61404	(20102407)
371741.97	3773212.21	354.36513	(19080606)	371741.97	3773232.21	316.63404	(19080606)
371741.97	3773252.21	282.51668	(22072902)	371741.97	3773272.21	259.19576	(21072906)
371741.97	3773292.21	241.89626	(21072906)	371741.97	3773312.21	215.63320	(21072906)

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        371741.97   3773332.21      187.27961  (21072906)                371741.97
3773352.21      164.35870  (21082602)
        371741.97   3773372.21      154.46661  (21082602)                371761.97
3773132.21      369.65613  (23101107)
        371761.97   3773152.21      353.86145  (23101107)                371761.97
3773172.21      378.50867  (19071106)
        371761.97   3773212.21      334.25019  (20102407)                371761.97
3773232.21      291.85300  (23091907)
        371761.97   3773252.21      274.63831  (19080606)                371761.97
3773272.21      240.06804  (19080606)
        371761.97   3773292.21      200.30526  (22072902)                371761.97
3773312.21      188.02879  (21072906)
        371761.97   3773332.21      175.04211  (21072906)                371761.97
3773352.21      162.60691  (21072906)
        371761.97   3773372.21      146.22679  (21072906)                371781.97
3773132.21      314.71943  (21071906)
        371781.97   3773152.21      311.15306  (23101107)                371781.97
3773212.21      302.31553  (20102407)
        371781.97   3773232.21      288.85334  (20102407)                371781.97
3773252.21      255.77011  (20102407)
        371781.97   3773272.21      229.23278  (19080606)                371781.97
3773292.21      184.33344  (19080606)
        371781.97   3773312.21      163.65802  (22072902)                371781.97
3773332.21      148.49035  (22072902)
        371781.97   3773352.21      141.25309  (21072906)                371781.97
3773372.21      134.41484  (21072906)
        371801.97   3773132.21      267.86409  (21071906)                371801.97
3773152.21      270.27264  (21071906)
        371801.97   3773192.21      300.30471  (23101107)                371801.97
3773212.21      284.54193  (19071106)
        371801.97   3773232.21      260.48968  (20102407)                371801.97
3773252.21      245.47458  (20102407)
        371801.97   3773272.21      206.30717  (23091907)                371801.97
3773292.21      174.03119  (19080606)
        371801.97   3773312.21      153.62018  (19080606)                371801.97
3773332.21      137.56985  (22072902)
        371801.97   3773352.21      130.55427  (23091403)                371801.97
3773372.21      122.04646  (23091403)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                   PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  NIGHT    ***
                                   INCLUDING SOURCE(S):     NIGHT       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371821.97	3773132.21	227.43879	(21071906)	371821.97	3773152.21	236.92783	(21071906)
371821.97	3773192.21	281.15702	(23101107)	371821.97	3773212.21	262.50774	(19071106)
371821.97	3773232.21	237.58310	(19071106)	371821.97	3773252.21	209.48827	(20100104)
371821.97	3773272.21	182.64281	(20100104)	371821.97	3773292.21	163.32284	(23091907)
371821.97	3773312.21	144.75912	(19080606)	371821.97	3773332.21	137.46794	(19080606)
371821.97	3773352.21	125.36725	(19090506)	371821.97	3773372.21	119.01961	(23091403)
371841.97	3773132.21	192.79797	(21071906)	371841.97	3773152.21	206.85819	(21071906)
371841.97	3773192.21	254.84401	(23101107)	371841.97	3773212.21	248.69258	(23101107)
371841.97	3773232.21	221.95838	(23072603)	371841.97	3773252.21	179.22038	(23092206)
371841.97	3773272.21	163.86491	(20100104)	371841.97	3773292.21	154.56564	(20100104)
371841.97	3773312.21	142.12620	(23091907)	371841.97	3773332.21	130.73740	(23091907)
371841.97	3773352.21	131.44124	(19080606)	371841.97	3773372.21	123.79022	(19080606)
371861.97	3773132.21	164.91557	(20012106)	371861.97	3773152.21	180.01614	(21071906)
371861.97	3773192.21	229.39648	(21071906)	371861.97	3773212.21	230.88587	(23101107)
371861.97	3773232.21	206.03554	(23072603)	371861.97	3773252.21	171.59996	(23072603)
371861.97	3773272.21	150.21102	(23092206)	371861.97	3773292.21	151.31168	(20100104)
371861.97	3773312.21	149.18009	(20100104)	371861.97	3773332.21	149.83981	(23091907)
371861.97	3773352.21	146.42898	(23091907)	371861.97	3773372.21	137.65702	(19080606)
371881.97	3773132.21	142.22564	(20012106)	371881.97	3773152.21	156.83366	(21071906)
371881.97	3773192.21	207.54156	(21071906)	371881.97	3773212.21	210.50545	(19083103)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371629.72	3772904.76	297.72121	(20120119)	371639.72	3772904.76	299.82847	(20120119)
371649.72	3772904.76	298.93316	(20120119)	371659.72	3772904.76	292.99919	(20120119)
371599.72	3772914.76	327.96113	(20121106)	371609.72			

3772914.76 324.16329 (20121106)
371619.72 3772914.76 324.31062 (20120119) 371629.72
3772914.76 331.19902 (20120119)
371639.72 3772914.76 332.06728 (20120119) 371649.72
3772914.76 328.25224 (20120119)
371659.72 3772914.76 320.38107 (20120119) 371569.72
3772924.76 378.18815 (19121419)
371579.72 3772924.76 378.65085 (19121419) 371589.72
3772924.76 372.19292 (19121419)
371599.72 3772924.76 366.68111 (20121106) 371609.72
3772924.76 361.34860 (20121106)
371619.72 3772924.76 362.80489 (20120119) 371629.72
3772924.76 370.59588 (20120119)
371639.72 3772924.76 369.24728 (20120119) 371649.72
3772924.76 362.72165 (20120119)
371659.72 3772924.76 351.80172 (20120119) 371569.72
3772934.76 422.75808 (19121419)
371579.72 3772934.76 426.70108 (19121419) 371589.72
3772934.76 422.88583 (19121419)
371599.72 3772934.76 420.96898 (20100809) 371609.72
3772934.76 405.79392 (20100809)
371619.72 3772934.76 409.20854 (20120119) 371629.72
3772934.76 416.77966 (20120119)
371639.72 3772934.76 414.31810 (20120119) 371649.72
3772934.76 404.70126 (20120119)
371659.72 3772934.76 388.14326 (20120119) 371569.72
3772944.76 476.62260 (19121419)
371579.72 3772944.76 485.04037 (19121419) 371589.72
3772944.76 481.87857 (19121419)
371599.72 3772944.76 489.43772 (20100809) 371609.72
3772944.76 475.32482 (20100809)
371619.72 3772944.76 470.27510 (20120119) 371629.72
3772944.76 473.16629 (20120119)
371639.72 3772944.76 466.25260 (20120119) 371649.72
3772944.76 451.17062 (20120119)
371659.72 3772944.76 429.69285 (20120119) 371569.72
3772954.76 542.70224 (19121419)
371579.72 3772954.76 557.42035 (19121419) 371589.72
3772954.76 568.04066 (20100809)
371599.72 3772954.76 582.09095 (20100809) 371609.72
3772954.76 564.77627 (20100809)
371619.72 3772954.76 544.39328 (20120119) 371629.72
3772954.76 543.32694 (20120119)
371639.72 3772954.76 531.08112 (20120119) 371649.72
3772954.76 508.65778 (20120119)
371659.72 3772954.76 477.69264 (20120119) 371569.72
3772964.76 624.25239 (19121419)
371579.72 3772964.76 649.46189 (19121419) 371589.72
3772964.76 685.45661 (20100809)
371599.72 3772964.76 707.30941 (20100809) 371609.72

3772964.76   685.94772 (20100809)
        371619.72   3772964.76   640.97071 (20120119)   371629.72
3772964.76   632.89286 (20120119)
        371639.72   3772964.76   610.17790 (20120119)   371649.72
3772964.76   576.87748 (20120119)
        371659.72   3772964.76   533.69468 (20120119)   371569.72
3772970.33   678.18821 (19121419)
        371579.72   3772970.33   710.65788 (19121419)   371589.72
3772970.33   761.36444 (20100809)
        371599.72   3772970.33   792.07019 (20100809)   371609.72
3772970.33   772.19902 (20100809)
        371619.72   3772974.76   766.04433 (20120119)   371629.72
3772974.76   746.00728 (20120119)
        371639.72   3772974.76   706.43363 (20120119)   371649.72
3772974.76   655.29896 (20120119)
        371659.72   3772974.76   598.61678 (20120119)   371619.72
3772984.76   931.11624 (20100809)
        371629.72   3772984.76   917.67108 (19021609)   371639.72
3772984.76   840.19657 (19021609)
        371649.72   3772984.76   749.92472 (20120119)   371659.72
3772984.76   672.55523 (20120119)
        371569.87   3772991.40   1016.10323 (22120216)   371579.87
3772991.40   1060.39645 (19121419)
        371589.87   3772991.40   1217.91810 (20100809)   371599.87
3772991.40   1305.44120 (20100809)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   CONSTR   , HAUL0001 , HAUL0002   , HAUL0003   , HAUL0004   ,
                  HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009 , HAUL0010   , HAUL0011   , HAUL0012   ,
                  HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017 , HAUL0018   , HAUL0019   , HAUL0020   ,
                  HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025 , HAUL0026   , HAUL0027   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF CONSTR   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371609.87	3772991.40	1259.61999	(20100809)	371619.72	3772994.76	1235.06316	(19021609)
371629.72	3772994.76	1185.10914	(19021609)	371639.72	3772994.76	1034.53486	(19021609)
371649.72	3772994.76	869.56345	(20120119)	371659.72	3772994.76	756.39137	(20120119)
371570.04	3773001.54	1293.17034	(22120216)	371580.04	3773001.54	1332.97521	(19121419)
371590.04	3773001.54	1571.85431	(20100809)	371600.04	3773001.54	1714.55140	(20100809)
371610.04	3773001.54	1650.00662	(20100809)	371619.72	3773004.76	1683.08561	(19021609)
371629.72	3773004.76	1563.85710	(19021609)	371639.72	3773004.76	1277.87572	(19021609)
371649.72	3773004.76	1024.09704	(20120119)	371659.72	3773004.76	896.57348	(23120819)
371619.72	3773014.76	2200.67993	(19021609)	371629.72	3773014.76	2018.82054	(19021609)
371639.72	3773014.76	1521.27303	(19021609)	371649.72	3773014.76	1264.94018	(23120819)
371659.72	3773014.76	1050.23789	(23120819)	371619.72	3773020.25	2674.74243	(19071604)
371629.72	3773020.25	2181.91653	(22080806)	371639.72	3773020.25	1735.80761	(22080806)
371649.72	3773020.25	1376.38339	(23120819)	371659.72	3773020.25	1128.62271	(23120819)
371678.38	3772888.96	246.87206	(20120119)	371688.38	3772888.96	239.87509	(20120119)
371698.38	3772888.96	231.21227	(20120119)	371708.38	3772888.96	221.16653	(20120119)
371718.38	3772888.96	210.02622	(20120119)	371678.38	3772898.96	265.49498	(20120119)
371688.38	3772898.96	255.77487	(20120119)	371698.38	3772898.96	245.59802	(20120119)
371708.38	3772898.96	234.23739	(20120119)	371718.38	3772898.96	221.85979	(20120119)
371678.38	3772918.96	309.71877	(20120119)	371688.38	3772918.96	293.46223	(20120119)
371698.38	3772918.96	278.30539	(20120119)	371708.38	3772918.96	262.17016	(20120119)
371718.38	3772918.96	249.57487	(23010619)	371678.38	3772928.96	336.18825	(20120119)
371688.38	3772928.96	317.69645	(20120119)	371698.38	3772928.96	298.65993	(20120119)
371708.38	3772928.96	282.05935	(23010619)	371718.38	3772928.96	267.18868	(23010619)

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        371678.38   3772938.96      365.40901  (20120119)                371688.38
3772938.96      342.93485  (20120119)
        371698.38   3772938.96      319.61532  (23010619)                371708.38
3772938.96      301.62018  (23010619)
        371718.38   3772938.96      284.13712  (23010619)                371678.38
3772948.96      397.20384  (20120119)
        371688.38   3772948.96      369.07102  (20120119)                371698.38
3772948.96      345.38556  (23010619)
        371708.38   3772948.96      323.44453  (23010619)                371718.38
3772948.96      305.99243  (23120819)
        371678.38   3772958.96      432.00822  (20120119)                371688.38
3772958.96      399.66072  (23010619)
        371698.38   3772958.96      371.78069  (23010619)                371708.38
3772958.96      351.92039  (23120819)
        371718.38   3772958.96      336.62625  (23120819)                371678.38
3772968.96      469.69558  (23010619)
        371688.38   3772968.96      434.82017  (23010619)                371698.38
3772968.96      411.78298  (23120819)
        371708.38   3772968.96      390.28818  (23120819)                371718.38
3772968.96      369.40081  (23120819)
        371678.38   3772978.96      517.37880  (23120819)                371688.38
3772978.96      490.82803  (23120819)
        371698.38   3772978.96      460.62828  (23120819)                371708.38
3772978.96      430.46747  (23120819)
        371718.38   3772978.96      402.88440  (23120819)                371678.38
3772988.96      594.50788  (23120819)
        371688.38   3772988.96      553.95195  (23120819)                371698.38
3772988.96      509.41875  (23120819)
        371708.38   3772988.96      468.18589  (23120819)                371718.38
3772988.96      433.70793  (23120819)
        371678.38   3772998.96      674.92372  (23120819)                371688.38
3772998.96      615.97412  (23120819)
        371698.38   3772998.96      557.53085  (23120819)                371708.38
3772998.96      508.11042  (23120819)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
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HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371718.38	3772998.96	467.06000	(23120819)	371678.38	3773008.96	755.07707	(23120819)
371688.38	3773008.96	675.80089	(23120819)	371698.38	3773008.96	604.80690	(23120819)
371708.38	3773008.96	545.41385	(23120819)	371718.38	3773008.96	496.47560	(23120819)
371678.38	3773018.96	826.94877	(23120819)	371688.38	3773018.96	727.23180	(23120819)
371698.38	3773018.96	649.29582	(20112319)	371708.38	3773018.96	587.61644	(20112319)
371718.38	3773018.96	537.63557	(20112319)	371734.81	3772871.37	177.12278	(20120119)
371754.81	3772871.37	165.04538	(23010619)	371774.81	3772871.37	152.91229	(23010619)
371734.81	3772911.37	220.75760	(23010619)	371754.81	3772911.37	200.73391	(23010619)
371774.81	3772911.37	187.03236	(23120819)	371734.81	3772931.37	246.63973	(23010619)
371754.81	3772931.37	231.04527	(23120819)	371774.81	3772931.37	215.13481	(23120819)
371734.81	3772951.37	294.95856	(23120819)	371754.81	3772951.37	269.77020	(23120819)
371774.81	3772951.37	244.49587	(23120819)	371734.81	3772971.37	340.00283	(23120819)
371754.81	3772971.37	303.45234	(23120819)	371774.81	3772971.37	271.98486	(23120819)
371734.81	3772991.37	391.15950	(23120819)	371754.81	3772991.37	340.98781	(23120819)
371774.81	3772991.37	302.22758	(20112319)	371734.81	3773011.37	446.53075	(20112319)
371754.81	3773011.37	391.85258	(20112319)	371774.81	3773011.37	350.77953	(20112319)
371799.03	3772785.46	100.08255	(23010619)	371819.03	3772785.46	96.16503	(23010619)
371839.03	3772785.46	91.73982	(23010619)	371859.03	3772785.46	86.38309	(23010619)
371879.03	3772785.46	81.02434	(23010619)	371899.03			

3772785.46   76.46091 (23010619)
        371919.03   3772785.46   71.56942 (22010719)   371939.03
3772785.46   69.40970 (23120819)
        371799.03   3772805.46   108.21749 (23010619)   371819.03
3772805.46   103.02265 (23010619)
        371839.03   3772805.46   97.30384 (23010619)   371859.03
3772805.46   90.76414 (23010619)
        371879.03   3772805.46   84.87001 (23010619)   371899.03
3772805.46   80.75591 (23120819)
        371919.03   3772805.46   78.57264 (23120819)   371939.03
3772805.46   76.26976 (23120819)
        371799.03   3772825.46   117.06052 (23010619)   371819.03
3772825.46   110.35634 (23010619)
        371839.03   3772825.46   104.00607 (23010619)   371859.03
3772825.46   96.79949 (23010619)
        371879.03   3772825.46   90.77922 (23120819)   371899.03
3772825.46   89.40084 (23120819)
        371919.03   3772825.46   86.61587 (23120819)   371939.03
3772825.46   82.93699 (23120819)
        371799.03   3772845.46   126.38239 (23010619)   371819.03
3772845.46   118.02869 (23010619)
        371839.03   3772845.46   110.04110 (23010619)   371859.03
3772845.46   105.56851 (23120819)
        371879.03   3772845.46   101.51134 (23120819)   371899.03
3772845.46   98.47280 (23120819)
        371919.03   3772845.46   94.16325 (23120819)   371939.03
3772845.46   89.64934 (23120819)
        371799.03   3772865.46   135.89675 (23010619)   371819.03
3772865.46   125.80393 (23010619)
        371839.03   3772865.46   121.52996 (23120819)   371859.03
3772865.46   117.12210 (23120819)
        371879.03   3772865.46   112.15450 (23120819)   371899.03
3772865.46   106.89346 (23120819)
        371919.03   3772865.46   101.27218 (23120819)   371939.03
3772865.46   95.48586 (23120819)
        371799.03   3772885.46   147.18325 (23120819)   371819.03
3772885.46   143.13915 (23120819)
        371839.03   3772885.46   136.78747 (23120819)   371859.03
3772885.46   130.05321 (23120819)
        371879.03   3772885.46   123.05110 (23120819)   371899.03
3772885.46   115.75265 (23120819)
        371919.03   3772885.46   108.66931 (23120819)   371939.03
3772885.46   101.34365 (23120819)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371799.03	3772905.46	168.86659	(23120819)	371819.03	3772905.46	161.73366	(23120819)
371839.03	3772905.46	151.66469	(23120819)	371859.03	3772905.46	142.77091	(23120819)
371879.03	3772905.46	133.23130	(23120819)	371899.03	3772905.46	124.49467	(23120819)
371919.03	3772905.46	115.44590	(23120819)	371939.03	3772905.46	107.59658	(23120819)
371799.03	3772925.46	191.41714	(23120819)	371819.03	3772925.46	179.17181	(23120819)
371839.03	3772925.46	166.50608	(23120819)	371859.03	3772925.46	154.09987	(23120819)
371879.03	3772925.46	143.18555	(23120819)	371899.03	3772925.46	132.49589	(23120819)
371919.03	3772925.46	121.72222	(23120819)	371939.03	3772925.46	112.65958	(23120819)
371799.03	3772945.46	213.60565	(23120819)	371819.03	3772945.46	196.75219	(23120819)
371839.03	3772945.46	181.09018	(23120819)	371859.03	3772945.46	166.04596	(23120819)
371879.03	3772945.46	152.87104	(23120819)	371899.03	3772945.46	140.46787	(23120819)
371919.03	3772945.46	130.02394	(20112319)	371939.03	3772945.46	121.08764	(20112319)
371799.03	3772965.46	235.58744	(23120819)	371819.03	3772965.46	214.32168	(23120819)
371839.03	3772965.46	195.45014	(23120819)	371859.03	3772965.46	180.61750	(20112319)

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        371879.03   3772965.46      167.94300  (20112319)              371899.03
3772965.46      156.33960  (20112319)
        371919.03   3772965.46      144.88535  (20112319)              371939.03
3772965.46      133.82626  (20112319)
        371799.03   3772985.46      259.76495  (20112319)              371819.03
3772985.46      239.22422  (20112319)
        371839.03   3772985.46      220.71238  (20112319)              371859.03
3772985.46      205.33887  (20112319)
        371879.03   3772985.46      190.11690  (20112319)              371899.03
3772985.46      175.65197  (20112319)
        371919.03   3772985.46      162.13676  (20112319)              371939.03
3772985.46      148.99896  (20112319)
        371799.03   3773005.46      298.96601  (20112319)              371819.03
3773005.46      274.31264  (20112319)
        371839.03   3773005.46      253.39389  (20112319)              371859.03
3773005.46      236.96340  (20112319)
        371879.03   3773005.46      220.25013  (20112319)              371899.03
3773005.46      204.34635  (20112319)
        371919.03   3773005.46      187.09601  (20112319)              371939.03
3773005.46      169.58985  (20112319)
        371437.18   3772897.50      181.29396  (23011919)              371437.18
3772917.50      203.83211  (23011919)
        371437.18   3772937.50      223.98190  (23011919)              371437.18
3772957.50      245.15734  (23011919)
        371457.18   3772897.50      190.58807  (19121407)              371457.18
3772917.50      220.00979  (23011919)
        371457.18   3772937.50      248.04510  (23011919)              371477.18
3772897.50      212.41039  (22120216)
        371477.18   3772917.50      230.00561  (23011919)              371477.18
3772937.50      272.36080  (23011919)
        371497.18   3772877.50      206.46239  (19121419)              371497.18
3772897.50      234.99551  (22120216)
        371497.18   3772917.50      270.81096  (22120216)              371497.18
3772937.50      293.24157  (22120216)
        371517.18   3772877.50      223.60730  (19121419)              371517.18
3772897.50      251.76490  (19121419)
        371517.18   3772917.50      287.67859  (22120216)              371537.18
3772857.50      203.63354  (19121419)
        371537.18   3772877.50      233.42362  (19121419)              371537.18
3772897.50      270.17959  (19121419)
        371537.18   3772917.50      318.70413  (19121419)              371557.18
3772857.50      204.93556  (19121419)
        371557.18   3772877.50      238.54783  (19121419)              371557.18
3772897.50      280.69727  (19121419)
        371557.18   3772917.50      343.03083  (19121419)              371577.18
3772837.50      170.04698  (19121419)
        371577.18   3772857.50      199.47501  (19121419)              371577.18
3772877.50      233.25542  (19121419)
        371577.18   3772897.50      280.13098  (19121419)              371597.18
3772837.50      171.25579  (20121106)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   CONSTR   , HAUL0001
, HAUL0002   , HAUL0003   , HAUL0004   ,
                  HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009
, HAUL0010   , HAUL0011   , HAUL0012   ,
                  HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017
, HAUL0018   , HAUL0019   , HAUL0020   ,
                  HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025
, HAUL0026   , HAUL0027   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371597.18   3772897.50   273.46135 (20121106)   371617.18
3772817.50   146.69941 (20122317)
        371617.18   3772837.50   166.86312 (20122317)   371617.18
3772857.50   192.23034 (20122317)
        371617.18   3772877.50   222.34010 (20122317)   371617.18
3772897.50   268.97411 (20122317)
        371637.18   3772817.50   147.29200 (20122317)   371637.18
3772837.50   169.15502 (20120119)
        371637.18   3772857.50   193.22460 (20120119)   371637.18
3772877.50   230.03055 (20120119)
        371657.18   3772797.50   134.10901 (20120119)   371657.18
3772817.50   151.95360 (20120119)
        371657.18   3772837.50   172.50870 (20120119)   371657.18
3772857.50   199.68323 (20120119)
        371657.18   3772877.50   232.91236 (20120119)   371677.18
3772777.50   121.31646 (20120119)
        371677.18   3772797.50   135.93928 (20120119)   371677.18
3772817.50   153.30056 (20120119)
        371677.18   3772837.50   173.31621 (20120119)   371677.18

3772857.50 196.72846 (20120119)
371697.18 3772777.50 121.67970 (20120119) 371697.18
3772797.50 134.73313 (20120119)
371697.18 3772817.50 149.47172 (20120119) 371697.18
3772837.50 167.18494 (20120119)
371697.18 3772857.50 189.31861 (20120119) 371717.18
3772757.50 109.62474 (20120119)
371717.18 3772777.50 119.60903 (20120119) 371717.18
3772797.50 130.67379 (20120119)
371717.18 3772817.50 144.29122 (20120119) 371717.18
3772837.50 160.49885 (20120119)
371717.18 3772857.50 178.29324 (20120119) 371737.18
3772737.50 97.90224 (20120119)
371737.18 3772757.50 106.48818 (20120119) 371737.18
3772777.50 115.58963 (20120119)
371737.18 3772797.50 125.84548 (20120119) 371737.18
3772817.50 137.20378 (20120119)
371737.18 3772837.50 149.98311 (20120119) 371757.18
3772737.50 95.11187 (20120119)
371757.18 3772757.50 102.37929 (20120119) 371757.18
3772777.50 110.60887 (20120119)
371757.18 3772797.50 119.25231 (20120119) 371757.18
3772817.50 128.29300 (20120119)
371757.18 3772837.50 138.62674 (20120119) 371268.76
3772892.70 97.12577 (20120719)
371268.76 3772912.70 99.43731 (20120719) 371268.76
3772932.70 100.59153 (20120719)
371268.76 3772952.70 99.77226 (20120719) 371268.76
3772972.70 99.75400 (22123005)
371268.76 3772992.70 101.60581 (22011908) 371268.76
3773012.70 103.11613 (21121508)
371268.76 3773032.70 135.19576 (21121508) 371268.76
3773052.70 146.83237 (19102919)
371268.76 3773072.70 151.35770 (19102919) 371288.76
3772772.70 76.76238 (23011919)
371288.76 3772792.70 82.87780 (23011919) 371288.76
3772812.70 88.65543 (23011919)
371288.76 3772832.70 94.12927 (23011919) 371288.76
3772852.70 98.80530 (23011919)
371288.76 3772912.70 107.93618 (20120719) 371288.76
3772932.70 109.64530 (20120719)
371288.76 3772952.70 109.28518 (20120719) 371288.76
3772972.70 108.33397 (22123005)
371288.76 3772992.70 110.34625 (22011908) 371288.76
3773012.70 112.33001 (21121508)
371288.76 3773032.70 144.56987 (21121508) 371288.76
3773052.70 158.32998 (19102919)
371288.76 3773072.70 160.24336 (23101707) 371308.76
3772712.70 66.69946 (19121407)
371308.76 3772732.70 70.45677 (19121407) 371308.76

3772752.70   74.05469 (19121407)
        371308.76   3772772.70   78.16300 (23011919)   371308.76
3772792.70   84.95385 (23011919)
        371308.76   3772812.70   90.74269 (23011919)   371308.76
3772832.70   99.39589 (23011919)
        371308.76   3772852.70   105.02737 (23011919)   371308.76
3772912.70   116.11678 (20120719)
        371308.76   3772932.70   119.63190 (20120719)   371308.76
3772952.70   120.29269 (20120719)
        371308.76   3772972.70   118.58142 (20120719)   371308.76
3772992.70   120.50355 (22011908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   CONSTR   , HAUL0001
, HAUL0002   , HAUL0003   , HAUL0004   ,
                HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009
, HAUL0010   , HAUL0011   , HAUL0012   ,
                HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017
, HAUL0018   , HAUL0019   , HAUL0020   ,
                HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025
, HAUL0026   , HAUL0027   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371308.76   3773012.70   123.07928 (21121508)   371308.76
3773032.70   123.64266 (19102919)
        371308.76   3773052.70   165.77099 (19102919)   371308.76
3773072.70   172.87410 (23101707)
        371328.76   3772712.70   69.14916 (22122906)   371328.76
3772732.70   73.23239 (19121407)
        371328.76   3772752.70   77.52922 (19121407)   371328.76
3772772.70   81.75783 (19121407)
        371328.76   3772792.70   87.18074 (23011919)   371328.76
3772812.70   95.11069 (23011919)

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        371328.76   3772832.70      103.13155  (23011919)               371328.76
3772852.70      110.80740  (23011919)
        371328.76   3772872.70      117.42317  (23011919)               371328.76
3772932.70      130.71596  (20120719)
        371328.76   3772952.70      132.75677  (20120719)               371328.76
3772972.70      131.76221  (20120719)
        371328.76   3772992.70      132.20514  (22011908)               371328.76
3773012.70      135.64223  (21121508)
        371328.76   3773032.70      136.28820  (19102919)               371328.76
3773052.70      176.85309  (19102919)
        371328.76   3773072.70      182.91141  (23101707)               371348.76
3772712.70       71.42882  (22122906)
        371348.76   3772732.70       75.91360  (22122906)               371348.76
3772752.70       80.27665  (19121407)
        371348.76   3772772.70       85.74916  (19121407)               371348.76
3772792.70       90.42917  (19121407)
        371348.76   3772812.70       98.17311  (23011919)               371348.76
3772832.70      107.21170  (23011919)
        371348.76   3772852.70      116.69950  (23011919)               371348.76
3772872.70      124.69066  (23011919)
        371348.76   3772892.70      132.36989  (23011919)               371348.76
3772952.70      146.58177  (20120719)
        371348.76   3772972.70      146.69705  (20120719)               371348.76
3772992.70      145.97029  (22123005)
        371348.76   3773012.70      150.41346  (21121508)               371348.76
3773032.70      151.46757  (21121508)
        371348.76   3773052.70      152.69407  (19102919)               371348.76
3773072.70      195.29449  (23101707)
        371368.76   3772712.70       75.41452  (19121419)               371368.76
3772732.70       78.07890  (19121419)
        371368.76   3772752.70       83.42474  (22122906)               371368.76
3772772.70       88.69199  (22122906)
        371368.76   3772792.70       95.08310  (19121407)               371368.76
3772812.70      101.33063  (19121407)
        371368.76   3772832.70      110.77586  (23011919)               371368.76
3772852.70      121.92705  (23011919)
        371368.76   3772872.70      133.36955  (23011919)               371368.76
3772892.70      142.33785  (23011919)
        371368.76   3772972.70      165.19629  (20120719)               371368.76
3772992.70      163.14966  (20120719)
        371368.76   3773012.70      168.12608  (21121508)               371368.76
3773032.70      170.18978  (21121508)
        371388.76   3772712.70       80.11992  (19121419)               371388.76
3772732.70       83.68127  (19121419)
        371388.76   3772752.70       87.25249  (19121419)               371388.76
3772772.70       92.33209  (22122906)
        371388.76   3772792.70       98.65017  (22122906)               371388.76
3772812.70      106.68773  (19121407)
        371388.76   3772832.70      114.71367  (19121407)               371388.76
3772852.70      126.38393  (23011919)
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        371388.76   3772872.70      141.25568  (23011919)               371388.76
3772892.70      153.31794  (23011919)
        371388.76   3772972.70      186.59517  (20120719)               371388.76
3772992.70      186.65214  (20120719)
        371388.76   3773012.70      189.46936  (22011908)               371408.76
3772712.70       84.63618  (19121419)
        371408.76   3772732.70       88.93341  (19121419)               371408.76
3772752.70       93.95320  (19121419)
        371408.76   3772772.70       98.36167  (19121419)               371408.76
3772792.70      102.88958  (19121419)
        371408.76   3772812.70      111.88014  (22122906)               371408.76
3772832.70      120.90194  (19121407)
        371408.76   3772852.70      131.40194  (19121407)               371408.76
3772872.70      146.89115  (23011919)
        371408.76   3772892.70      163.29638  (23011919)               371428.76
3772712.70       88.72456  (19121419)
        371428.76   3772732.70       94.10650  (19121419)               371428.76
3772752.70      100.23039  (19121419)
        371428.76   3772772.70      106.09898  (19121419)               371428.76
3772792.70      112.20863  (19121419)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                       ***        08:54:56

                                   PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
                  HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                  HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
                  HAUL0021    , HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025
, HAUL0026    , HAUL0027    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371428.76   3772812.70      118.86685  (19121419)               371428.76
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3772832.70 127.11337 (22122906)
371428.76 3772852.70 138.98149 (19121407) 371428.76
3772872.70 151.63596 (19121407)
371448.76 3772712.70 91.47966 (19121419) 371448.76
3772732.70 97.87832 (19121419)
371448.76 3772752.70 104.61752 (19121419) 371448.76
3772772.70 112.18705 (19121419)
371448.76 3772792.70 120.34895 (19121419) 371448.76
3772812.70 129.09318 (19121419)
371448.76 3772832.70 138.36175 (19121419) 371448.76
3772852.70 149.25034 (22120216)
371468.76 3772712.70 93.30539 (19121419) 371468.76
3772732.70 100.66427 (19121419)
371468.76 3772752.70 108.88840 (19121419) 371468.76
3772772.70 117.95492 (19121419)
371468.76 3772792.70 127.86448 (19121419) 371468.76
3772812.70 139.98252 (19121419)
371468.76 3772832.70 151.30261 (19121419) 371468.76
3772852.70 162.82800 (19121419)
371488.76 3772712.70 94.86826 (19121419) 371488.76
3772732.70 102.77203 (19121419)
371488.76 3772752.70 111.89784 (19121419) 371488.76
3772772.70 121.92410 (19121419)
371488.76 3772792.70 133.33331 (19121419) 371488.76
3772812.70 148.17047 (19121419)
371488.76 3772832.70 162.08886 (19121419) 371488.76
3772852.70 176.42536 (19121419)
371508.76 3772712.70 94.62954 (19121419) 371508.76
3772732.70 102.96728 (19121419)
371508.76 3772752.70 113.10360 (19121419) 371508.76
3772772.70 124.01372 (19121419)
371508.76 3772792.70 136.92222 (19121419) 371508.76
3772812.70 153.64030 (19121419)
371508.76 3772832.70 169.49050 (19121419) 371528.76
3772712.70 92.86112 (19121419)
371528.76 3772732.70 101.90540 (19121419) 371528.76
3772752.70 112.47948 (19121419)
371528.76 3772772.70 124.00006 (19121419) 371528.76
3772792.70 138.25716 (19121419)
371528.76 3772812.70 155.24082 (19121419) 371528.76
3772832.70 173.80165 (19121419)
371548.76 3772712.70 89.53084 (19121419) 371548.76
3772732.70 98.66231 (19121419)
371548.76 3772752.70 108.97807 (19121419) 371548.76
3772772.70 121.21251 (19121419)
371548.76 3772792.70 135.39459 (19121419) 371548.76
3772812.70 152.04181 (19121419)
371548.76 3772832.70 172.73196 (19121419) 371568.76
3772712.70 89.05641 (20121106)
371568.76 3772732.70 96.96886 (20121106) 371568.76

3772752.70   106.30285 (20121106)
        371568.76   3772772.70   117.36082 (20121106)   371568.76
3772792.70   130.36033 (19121419)
        371568.76   3772812.70   147.08931 (19121419)   371588.76
3772712.70   89.88094 (20121106)
        371588.76   3772732.70   97.76859 (20121106)   371588.76
3772752.70   107.50667 (20121106)
        371588.76   3772772.70   118.10974 (20121106)   371588.76
3772792.70   131.21553 (20121106)
        371608.76   3772712.70   88.70450 (20121106)   371608.76
3772732.70   96.59106 (20121106)
        371608.76   3772752.70   106.21262 (20121106)   371608.76
3772772.70   116.56037 (20121106)
        371608.76   3772792.70   128.81796 (20121106)   371628.76
3772712.70   87.92808 (20122317)
        371628.76   3772732.70   95.83671 (20122317)   371628.76
3772752.70   105.40447 (20122317)
        371628.76   3772772.70   115.70437 (20122317)   371648.76
3772712.70   87.67179 (20122317)
        371648.76   3772732.70   95.30855 (20122317)   371648.76
3772752.70   103.99378 (20122317)
        371648.76   3772772.70   114.26041 (20120119)   371668.76
3772712.70   87.72828 (20120119)
        371668.76   3772732.70   96.29596 (20120119)   371668.76
3772752.70   105.87368 (20120119)
        371688.76   3772712.70   89.93942 (20120119)   371688.76
3772732.70   97.83119 (20120119)
        371708.76   3772712.70   90.24430 (20120119)   371281.97
3773112.21   159.42139 (19121119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   CONSTR   , HAUL0001
, HAUL0002   , HAUL0003   , HAUL0004   ,
                HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009
, HAUL0010   , HAUL0011   , HAUL0012   ,
                HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017
, HAUL0018   , HAUL0019   , HAUL0020   ,
                HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025
, HAUL0026   , HAUL0027   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CONSTR IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371281.97	3773132.21	167.17634	(22020519)	371281.97	3773152.21	173.30488	(22020519)
371281.97	3773172.21	173.58520	(22020519)	371281.97	3773192.21	169.34013	(21010419)
371281.97	3773212.21	169.67383	(21010419)	371281.97	3773232.21	162.87787	(21010419)
371281.97	3773252.21	147.82223	(21010419)	371281.97	3773272.21	125.20421	(19012618)
371281.97	3773292.21	114.17814	(23101119)	371281.97	3773312.21	107.47550	(23102007)
371281.97	3773332.21	104.56137	(23111119)	371281.97	3773352.21	105.50180	(23111119)
371281.97	3773372.21	102.76609	(23111119)	371301.97	3773112.21	171.77797	(22020519)
371301.97	3773132.21	177.78771	(22020519)	371301.97	3773152.21	185.14940	(22020519)
371301.97	3773172.21	178.13817	(22020519)	371301.97	3773192.21	180.49919	(21010419)
371301.97	3773212.21	178.43555	(21010419)	371301.97	3773232.21	167.16814	(21010419)
371301.97	3773252.21	155.10547	(19012618)	371301.97	3773272.21	133.96589	(23101119)
371301.97	3773292.21	118.15208	(23102007)	371301.97	3773312.21	113.54445	(23111119)
371301.97	3773332.21	113.21366	(23111119)	371301.97	3773352.21	111.11765	(23111119)
371301.97	3773372.21	104.21408	(23111119)	371321.97	3773112.21	186.89271	(22020519)
371321.97	3773132.21	188.96030	(22020519)	371321.97	3773152.21	194.23143	(22020519)
371321.97	3773172.21	186.68343	(21010419)	371321.97	3773192.21	191.56528	(21010419)
371321.97	3773212.21	184.48012	(21010419)	371321.97	3773232.21	176.51161	(19012618)
371321.97	3773252.21	163.21845	(19012618)	371321.97	3773272.21	149.01008	(23102007)
371321.97	3773292.21	132.88612	(23102007)	371321.97	3773312.21	125.43059	(23111119)
371321.97	3773332.21	117.87248	(23111119)	371321.97	3773352.21	111.42206	(23111119)
371321.97	3773372.21	114.94859	(20120419)	371341.97	3773112.21	205.61144	(22020519)

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        371341.97   3773132.21      208.91352  (22020519)                371341.97
3773152.21      206.45787  (22020519)
        371341.97   3773172.21      206.61813  (21010419)                371341.97
3773192.21      204.24309  (21010419)
        371341.97   3773212.21      194.71461  (19012618)                371341.97
3773232.21      182.88969  (19012618)
        371341.97   3773252.21      161.67744  (23102007)                371341.97
3773272.21      151.61567  (23102007)
        371341.97   3773292.21      143.29583  (23111119)                371341.97
3773312.21      134.26231  (23111119)
        371341.97   3773332.21      123.50239  (20120419)                371341.97
3773352.21      122.09151  (20120419)
        371341.97   3773372.21      121.49191  (20120419)                371361.97
3773112.21      232.94933  (22020519)
        371361.97   3773132.21      234.06138  (22020519)                371361.97
3773152.21      224.03720  (21010419)
        371361.97   3773172.21      226.33189  (21010419)                371361.97
3773192.21      215.26483  (21010419)
        371361.97   3773212.21      204.44477  (19012618)                371361.97
3773232.21      185.98936  (23102007)
        371361.97   3773292.21      151.26552  (23111119)                371361.97
3773312.21      145.42907  (20120419)
        371361.97   3773332.21      138.12128  (20120419)                371361.97
3773352.21      129.99733  (20120419)
        371361.97   3773372.21      121.13693  (20120419)                371381.97
3773112.21      258.92943  (22020519)
        371381.97   3773132.21      258.71979  (22020519)                371381.97
3773152.21      249.42318  (21010419)
        371381.97   3773172.21      243.38271  (21010419)                371381.97
3773192.21      230.48978  (19012618)
        371381.97   3773212.21      210.50137  (19012618)                371381.97
3773232.21      202.44037  (23102007)
        371381.97   3773252.21      187.82871  (23111119)                371381.97
3773272.21      173.11954  (23111119)
        371381.97   3773292.21      169.93315  (20120419)                371381.97
3773352.21      137.62032  (20120419)
        371381.97   3773372.21      121.92041  (20120419)                371401.97
3773112.21      291.70839  (22020519)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
                      ***        08:54:56

                                   PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     CONSTR      , HAUL0001
, HAUL0002    , HAUL0003    , HAUL0004    ,
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                 HAUL0005    , HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009
, HAUL0010    , HAUL0011    , HAUL0012    ,
                 HAUL0013    , HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017
, HAUL0018    , HAUL0019    , HAUL0020    ,
                 HAUL0021    , HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025
, HAUL0026    , HAUL0027    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CONSTR   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371401.97   3773132.21      282.41054  (22020519)               371401.97
3773152.21      278.29561  (21010419)
        371401.97   3773172.21      254.75940  (21010419)               371401.97
3773192.21      235.94700  (19012618)
        371401.97   3773212.21      224.81665  (23102007)               371401.97
3773232.21      205.98140  (23111119)
        371401.97   3773252.21      195.42508  (23111119)               371401.97
3773272.21      189.78299  (20120419)
        371401.97   3773292.21      182.20203  (20120419)               371401.97
3773312.21      166.05421  (20120419)
        371401.97   3773332.21      149.25905  (20120419)               371401.97
3773352.21      133.94376  (21010518)
        371401.97   3773372.21      130.90922  (21010518)               371421.97
3773112.21      329.69092  (22020519)
        371421.97   3773132.21      315.50977  (21010419)               371421.97
3773152.21      298.63638  (21010419)
        371421.97   3773172.21      278.58751  (19012618)               371421.97
3773192.21      262.08787  (23102007)
        371421.97   3773212.21      232.57925  (23102007)               371421.97
3773232.21      219.30658  (20120419)
        371421.97   3773252.21      206.13906  (20120419)               371421.97
3773272.21      195.01537  (20120419)
        371421.97   3773292.21      179.69705  (20120419)               371421.97
3773312.21      162.45286  (20120419)
        371421.97   3773332.21      150.96382  (21010518)               371421.97
3773352.21      144.49579  (21010518)
        371421.97   3773372.21      136.11535  (21010518)               371441.97
3773112.21      364.01532  (22020519)
        371441.97   3773132.21      350.56252  (21010419)               371441.97
3773152.21      334.89459  (19012618)
        371441.97   3773172.21      301.61159  (23102007)               371441.97
3773192.21      253.48617  (23102007)
        371441.97   3773212.21      222.32802  (20120419)               371441.97
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3773232.21      218.00861  (20120419)
        371441.97   3773252.21      199.53305  (20120419)                371441.97
3773272.21      180.15362  (20120419)
        371441.97   3773292.21      164.31014  (21010518)                371441.97
3773312.21      161.36165  (21010518)
        371441.97   3773332.21      153.32383  (21010518)                371441.97
3773352.21      142.29108  (21010518)
        371441.97   3773372.21      129.45874  (21010518)                371461.97
3773112.21      409.48994  (21010419)
        371461.97   3773132.21      398.15073  (22091202)                371461.97
3773152.21      381.72933  (23102007)
        371461.97   3773172.21      340.23802  (23102007)                371461.97
3773192.21      289.89073  (20120419)
        371461.97   3773252.21      196.93913  (20120419)                371461.97
3773272.21      188.43447  (21010518)
        371461.97   3773292.21      179.50464  (21010518)                371461.97
3773312.21      165.65728  (21010518)
        371461.97   3773332.21      150.08339  (21010518)                371461.97
3773352.21      133.72534  (21010518)
        371461.97   3773372.21      117.92661  (21010518)                371481.97
3773172.21      387.89428  (20120419)
        371481.97   3773192.21      359.97399  (20120419)                371481.97
3773252.21      215.42884  (21010518)
        371481.97   3773272.21      198.20760  (21010518)                371481.97
3773292.21      177.30521  (21010518)
        371481.97   3773312.21      156.63031  (21010518)                371481.97
3773332.21      137.58154  (21010518)
        371481.97   3773352.21      123.96928  (23122719)                371481.97
3773372.21      115.22110  (21111319)
        371501.97   3773172.21      430.39841  (20120419)                371501.97
3773192.21      360.15471  (20120419)
        371501.97   3773232.21      246.01892  (21010518)                371501.97
3773252.21      217.75496  (21010518)
        371501.97   3773272.21      197.41788  (21010518)                371501.97
3773292.21      181.32590  (21010518)
        371501.97   3773312.21      163.41182  (23122719)                371501.97
3773332.21      155.64521  (20121019)
        371501.97   3773352.21      147.61802  (20121019)                371501.97
3773372.21      142.41120  (20121019)
        371521.97   3773172.21      393.90185  (21030807)                371521.97
3773192.21      338.65651  (21010518)
        371521.97   3773212.21      283.76848  (21010518)                371521.97
3773232.21      241.97166  (21010518)
        371521.97   3773252.21      221.29576  (21010518)                371521.97
3773272.21      212.94071  (20121019)
        371521.97   3773292.21      203.23060  (20121019)                371521.97
3773312.21      192.88862  (20121019)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\AERMOD
Projects\9160-9176 Sunset EIR Constructi ***        06/25/25
 *** AERMET - VERSION  22112 ***   *** 9160-9176 Sunset EIR Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371521.97	3773332.21	177.81031	(20121019)	371521.97	3773352.21	166.05863	(20121019)
371521.97	3773372.21	155.47468	(20121019)	371541.97	3773172.21	418.57563	(21010518)
371541.97	3773192.21	328.41189	(21010518)	371541.97	3773212.21	298.18183	(20121019)
371541.97	3773232.21	283.74167	(20121019)	371541.97	3773252.21	265.36602	(20121019)
371541.97	3773272.21	243.61439	(20121019)	371541.97	3773292.21	221.94642	(20121019)
371541.97	3773312.21	205.17001	(20121019)	371541.97	3773332.21	187.32252	(20121019)
371541.97	3773352.21	171.72008	(20121019)	371541.97	3773372.21	159.83125	(20121019)
371561.97	3773172.21	434.14495	(20121019)	371561.97	3773192.21	383.09886	(20121019)
371561.97	3773212.21	342.75487	(20121019)	371561.97	3773232.21	308.56162	(20121019)
371561.97	3773252.21	277.61051	(20121019)	371581.97	3773152.21	665.74241	(20072004)
371581.97	3773172.21	506.87870	(20072004)	371581.97	3773192.21	439.53697	(20072004)
371581.97	3773212.21	387.78320	(20072004)	371581.97	3773232.21	342.97109	(20072004)

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        371581.97   3773252.21      309.04856  (20072004)              371581.97
3773352.21      185.23738  (20072004)
        371581.97   3773372.21      170.92412  (20072004)              371601.97
3773132.21     1008.06450  (19061002)
        371601.97   3773152.21      790.09169  (20111619)              371601.97
3773172.21      632.83135  (19061002)
        371601.97   3773192.21      525.86844  (19061002)              371601.97
3773212.21      438.54029  (19061002)
        371601.97   3773232.21      379.74895  (19061002)              371601.97
3773292.21      262.63784  (20072004)
        371601.97   3773312.21      236.58337  (20072004)              371601.97
3773332.21      212.94201  (20072004)
        371601.97   3773352.21      193.67679  (20072004)              371601.97
3773372.21      175.78639  (20072004)
        371621.97   3773132.21     1063.38915  (20122119)              371621.97
3773152.21      839.80292  (22122219)
        371621.97   3773172.21      667.29949  (22122219)              371621.97
3773192.21      553.58643  (20120418)
        371621.97   3773212.21      478.52534  (20120418)              371621.97
3773232.21      400.41595  (20120418)
        371621.97   3773272.21      305.20376  (20120418)              371621.97
3773292.21      277.21071  (20120418)
        371621.97   3773312.21      240.40734  (20120418)              371621.97
3773332.21      216.77297  (20120418)
        371621.97   3773352.21      189.36236  (20120418)              371621.97
3773372.21      170.98353  (20111619)
        371641.97   3773132.21     1018.05776  (22110419)              371641.97
3773152.21      823.05670  (20022719)
        371641.97   3773172.21      686.06798  (20122119)              371641.97
3773192.21      577.84810  (20122119)
        371641.97   3773212.21      487.02833  (22122219)              371641.97
3773232.21      426.99894  (22122219)
        371641.97   3773252.21      366.17756  (22122219)              371641.97
3773272.21      321.12302  (22122219)
        371641.97   3773292.21      277.61744  (22122219)              371641.97
3773312.21      223.70682  (20091803)
        371641.97   3773332.21      194.09262  (20120418)              371641.97
3773352.21      181.72433  (20120418)
        371641.97   3773372.21      170.18979  (20120418)              371661.97
3773132.21      935.91954  (21010519)
        371661.97   3773152.21      786.62793  (19102619)              371661.97
3773172.21      655.84409  (22110419)
        371661.97   3773192.21      558.05446  (20022719)              371661.97
3773212.21      477.52890  (20022719)
        371661.97   3773252.21      381.27190  (20122119)              371661.97
3773272.21      331.41205  (20122119)
        371661.97   3773292.21      281.21841  (22122219)              371661.97
3773312.21      225.80374  (22122219)
        371661.97   3773332.21      199.55229  (22122219)              371661.97
3773352.21      182.69385  (22122219)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTR , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371681.97	3773232.21	412.68518	(20022719)	371681.97	3773252.21	368.61731	(20022719)
371681.97	3773272.21	327.86169	(20122119)	371681.97	3773292.21	258.30904	(20122119)
371681.97	3773312.21	236.78255	(20122119)	371681.97	3773332.21	200.02006	(20122119)
371681.97	3773352.21	183.19672	(20122119)	371681.97	3773372.21	171.49003	(22122219)
371701.97	3773132.21	661.47861	(20011119)	371701.97	3773152.21	645.88053	(19121418)
371701.97	3773172.21	579.70219	(23120419)	371701.97	3773192.21	510.03402	(21010519)
371701.97	3773232.21	405.88189	(19102619)	371701.97	3773252.21	356.62049	(22110419)
371701.97	3773272.21	318.98851	(20102819)	371701.97			

3773292.21 264.70030 (20102819)
371701.97 3773312.21 236.12123 (20022719) 371701.97
3773332.21 205.51276 (20122119)
371701.97 3773352.21 187.65311 (20122119) 371701.97
3773372.21 173.76834 (20122119)
371721.97 3773132.21 614.40569 (19042318) 371721.97
3773152.21 502.32105 (21122119)
371721.97 3773172.21 513.74342 (20010319) 371721.97
3773192.21 482.49228 (23120419)
371721.97 3773232.21 389.37244 (19102619) 371721.97
3773252.21 353.05359 (19102619)
371721.97 3773272.21 313.30743 (23012719) 371721.97
3773292.21 278.60161 (22110419)
371721.97 3773312.21 241.32234 (20102819) 371721.97
3773332.21 199.97277 (20102819)
371721.97 3773352.21 183.67486 (20022719) 371721.97
3773372.21 168.96632 (20022719)
371741.97 3773132.21 556.07456 (21122419) 371741.97
3773152.21 462.68525 (21012119)
371741.97 3773172.21 482.30669 (21122119) 371741.97
3773192.21 433.09052 (20010319)
371741.97 3773212.21 410.06771 (23120419) 371741.97
3773232.21 351.56671 (23120419)
371741.97 3773252.21 325.24817 (23012719) 371741.97
3773272.21 295.27346 (23012719)
371741.97 3773292.21 263.75114 (23012719) 371741.97
3773312.21 224.09232 (23012719)
371741.97 3773332.21 198.90887 (20102819) 371741.97
3773352.21 183.71203 (20102819)
371741.97 3773372.21 169.57198 (20102819) 371761.97
3773132.21 492.39612 (21122419)
371761.97 3773152.21 429.15272 (19042318) 371761.97
3773172.21 438.66957 (20010419)
371761.97 3773212.21 374.19249 (20121018) 371761.97
3773232.21 332.86654 (23120419)
371761.97 3773252.21 307.97751 (23120419) 371761.97
3773272.21 273.48086 (21010519)
371761.97 3773292.21 232.55093 (23012719) 371761.97
3773312.21 213.64370 (23012719)
371761.97 3773332.21 192.13185 (23012719) 371761.97
3773352.21 174.52715 (22110419)
371761.97 3773372.21 162.99553 (22110419) 371781.97
3773132.21 440.24123 (21122419)
371781.97 3773152.21 393.15250 (21122419) 371781.97
3773212.21 365.23758 (21122119)
371781.97 3773232.21 328.08084 (20121018) 371781.97
3773252.21 292.57508 (23120419)
371781.97 3773272.21 260.84563 (21093019) 371781.97
3773292.21 214.33999 (21093019)
371781.97 3773312.21 190.71877 (21010519) 371781.97

3773332.21   182.52456 (23012719)
        371781.97   3773352.21   172.45537 (19102619)   371781.97
3773372.21   160.42194 (19102619)
        371801.97   3773132.21   394.27935 (21122419)   371801.97
3773152.21   356.81690 (21122419)
        371801.97   3773192.21   363.03254 (20010419)   371801.97
3773212.21   345.30765 (21122119)
        371801.97   3773232.21   312.75340 (21122119)   371801.97
3773252.21   281.72453 (20121018)
        371801.97   3773272.21   245.03316 (19121418)   371801.97
3773292.21   207.74162 (21093019)
        371801.97   3773312.21   181.20456 (21093019)   371801.97
3773332.21   168.88715 (21010519)
        371801.97   3773352.21   166.18787 (21010519)   371801.97
3773372.21   160.93158 (19102619)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   CONSTR   , HAUL0001, HAUL0002   , HAUL0003   , HAUL0004   ,
HAUL0005   , HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009, HAUL0010   , HAUL0011   , HAUL0012   ,
HAUL0013   , HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017, HAUL0018   , HAUL0019   , HAUL0020   ,
HAUL0021   , HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025, HAUL0026   , HAUL0027   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONSTR   IN MICROGRAMS/M**3 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
        371821.97   3773132.21   353.03078 (21122419)   371821.97
3773152.21   318.16140 (21122419)
        371821.97   3773192.21   339.05367 (23122919)   371821.97
3773212.21   326.17032 (20010419)
        371821.97   3773232.21   293.72426 (21122119)   371821.97
3773252.21   249.99097 (19121418)

```
        371821.97   3773272.21      227.27391  (19121418)              371821.97
3773292.21      201.27187  (19121418)
        371821.97   3773312.21      176.37816  (21093019)              371821.97
3773332.21      165.82169  (23120419)
        371821.97   3773352.21      153.09282  (21010519)              371821.97
3773372.21      152.45314  (21010519)
        371841.97   3773132.21      319.00993  (21122419)              371841.97
3773152.21      285.08778  (21122419)
        371841.97   3773192.21      324.45398  (22010619)              371841.97
3773212.21      306.52113  (21010517)
        371841.97   3773232.21      271.67850  (20010419)              371841.97
3773252.21      233.35715  (20011119)
        371841.97   3773272.21      204.12792  (19121418)              371841.97
3773292.21      196.45341  (19121418)
        371841.97   3773312.21      178.38574  (19121418)              371841.97
3773332.21      161.15102  (21093019)
        371841.97   3773352.21      158.09924  (21093019)              371841.97
3773372.21      147.17524  (21093019)
        371861.97   3773132.21      285.50236  (21122419)              371861.97
3773152.21      259.70477  (21120718)
        371861.97   3773192.21      306.51088  (21120718)              371861.97
3773212.21      289.93700  (23122919)
        371861.97   3773232.21      260.85738  (21012119)              371861.97
3773252.21      222.70684  (20011119)
        371861.97   3773272.21      199.50658  (20011119)              371861.97
3773292.21      189.22816  (19121418)
        371861.97   3773312.21      188.54657  (19121418)              371861.97
3773332.21      184.25150  (19121418)
        371861.97   3773352.21      174.24804  (21093019)              371861.97
3773372.21      164.49359  (21093019)
        371881.97   3773132.21      256.70162  (21122419)              371881.97
3773152.21      240.53358  (21120718)
        371881.97   3773192.21      288.97283  (21120718)              371881.97
3773212.21      278.65596  (22010619)
        371881.97   3773232.21      255.87808  (21012119)              371881.97
3773252.21      232.02305  (21012119)
        371881.97   3773272.21      217.85929  (21122119)              371881.97
3773292.21      207.13800  (21122119)
        371881.97   3773312.21      194.27828  (20121018)              371881.97
3773332.21      188.71010  (20121018)
        371881.97   3773352.21      178.89808  (19121418)              371881.97
3773372.21      163.28172  (19121418)
        371901.97   3773132.21      233.52018  (21122419)              371901.97
3773152.21      227.46177  (21120718)
        371901.97   3773212.21      265.42079  (21120718)              371901.97
3773232.21      250.19057  (22010619)
        371901.97   3773252.21      239.82180  (21012119)              371901.97
3773272.21      228.11023  (20010419)
        371901.97   3773292.21      213.72695  (21122119)              371901.97
3773312.21      204.60786  (21122119)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF CONSTR IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
CONSTR	1ST HIGHEST VALUE IS	43.78594 AT	(371681.97, 3773132.21, 133.31, 204.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	41.42542 AT	(371661.97, 3773132.21, 134.55, 204.91, 0.00)	DC	
	3RD HIGHEST VALUE IS	38.60498 AT	(371701.97, 3773132.21, 132.54, 204.91, 0.00)	DC	
	4TH HIGHEST VALUE IS	33.03843 AT	(371641.97, 3773132.21, 134.86, 204.91, 0.00)	DC	
	5TH HIGHEST VALUE IS	31.41416 AT	(371721.97, 3773132.21, 131.50, 204.91, 0.00)	DC	
	6TH HIGHEST VALUE IS	30.22573 AT	(371701.97, 3773152.21, 133.53, 204.91, 0.00)	DC	
	7TH HIGHEST VALUE IS	30.20882 AT	(371681.97, 3773152.21, 133.85, 204.91, 0.00)	DC	
	8TH HIGHEST VALUE IS	27.12639 AT	(371721.97, 3773152.21, 132.71, 204.91, 0.00)	DC	
	9TH HIGHEST VALUE IS	25.33996 AT	(371661.97, 3773152.21, 135.43, 204.91, 0.00)	DC	
	10TH HIGHEST VALUE IS	24.55797 AT	(371741.97, 3773132.21, 128.53, 204.91, 0.00)	DC	
HAUL	1ST HIGHEST VALUE IS	22.13129 AT	(371741.97, 3773132.21, 128.53, 204.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	21.34471 AT	(371761.97, 3773132.21, 129.75, 204.91, 0.00)	DC	
	3RD HIGHEST VALUE IS	21.22574 AT	(371781.97, 3773132.21, 129.16, 204.91, 0.00)	DC	
	4TH HIGHEST VALUE IS	21.18038 AT	(371721.97, 3773132.21, 131.50,		

```
  204.91,    0.00)  DC
         5TH HIGHEST VALUE IS      21.14127 AT (  371801.97,  3773132.21,   128.49,
  204.91,    0.00)  DC
         6TH HIGHEST VALUE IS      20.85551 AT (  371821.97,  3773132.21,   128.30,
  204.91,    0.00)  DC
         7TH HIGHEST VALUE IS      20.83645 AT (  371841.97,  3773132.21,   127.45,
  204.91,    0.00)  DC
         8TH HIGHEST VALUE IS      20.68818 AT (  371701.97,  3773132.21,   132.54,
  204.91,    0.00)  DC
         9TH HIGHEST VALUE IS      20.36627 AT (  371861.97,  3773132.21,   127.93,
  204.91,    0.00)  DC
        10TH HIGHEST VALUE IS      20.02538 AT (  371881.97,  3773132.21,   128.07,
  204.91,    0.00)  DC

NIGHT     1ST HIGHEST VALUE IS     114.15938 AT (  371619.72,  3773020.25,   124.45,
  204.91,    0.00)  DC
         2ND HIGHEST VALUE IS     100.72520 AT (  371619.72,  3773014.76,   123.87,
  204.91,    0.00)  DC
         3RD HIGHEST VALUE IS     100.19450 AT (  371590.04,  3773001.54,   122.04,
  204.91,    0.00)  DC
         4TH HIGHEST VALUE IS      97.97907 AT (  371580.04,  3773001.54,   121.65,
  204.91,    0.00)  DC
         5TH HIGHEST VALUE IS      95.87760 AT (  371600.04,  3773001.54,   122.45,
  204.91,    0.00)  DC
         6TH HIGHEST VALUE IS      89.76850 AT (  371570.04,  3773001.54,   121.30,
  204.91,    0.00)  DC
         7TH HIGHEST VALUE IS      85.30173 AT (  371610.04,  3773001.54,   122.73,
  204.91,    0.00)  DC
         8TH HIGHEST VALUE IS      79.02934 AT (  371629.72,  3773020.25,   124.54,
  204.91,    0.00)  DC
         9TH HIGHEST VALUE IS      76.89073 AT (  371619.72,  3773004.76,   123.10,
  204.91,    0.00)  DC
        10TH HIGHEST VALUE IS      75.64744 AT (  371589.87,  3772991.40,   121.18,
  204.91,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     140.21433 AT (  371619.72,  3773020.25,   124.45,
  204.91,    0.00)  DC
         2ND HIGHEST VALUE IS     122.57885 AT (  371619.72,  3773014.76,   123.87,
  204.91,    0.00)  DC
         3RD HIGHEST VALUE IS     117.29042 AT (  371590.04,  3773001.54,   122.04,
  204.91,    0.00)  DC
         4TH HIGHEST VALUE IS     114.51982 AT (  371580.04,  3773001.54,   121.65,
  204.91,    0.00)  DC
         5TH HIGHEST VALUE IS     112.81299 AT (  371600.04,  3773001.54,   122.45,
  204.91,    0.00)  DC
         6TH HIGHEST VALUE IS     105.13673 AT (  371570.04,  3773001.54,   121.30,
  204.91,    0.00)  DC
         7TH HIGHEST VALUE IS     102.87284 AT (  371629.72,  3773020.25,   124.54,
  204.91,    0.00)  DC
         8TH HIGHEST VALUE IS     101.36582 AT (  371610.04,  3773001.54,   122.73,
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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CONSTR   IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK OF TYPE GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
CONSTR	1ST HIGH VALUE IS	2374.64223	ON 20120119:	AT (371619.72, 3773020.25, 124.45, 204.91, 0.00) DC
HAUL	1ST HIGH VALUE IS	184.17658	ON 19042318:	AT (371721.97, 3773132.21, 131.50, 204.91, 0.00) DC
NIGHT	1ST HIGH VALUE IS	2674.74243	ON 19071604:	AT (371619.72, 3773020.25, 124.45, 204.91, 0.00) DC
ALL	1ST HIGH VALUE IS	2674.74243	ON 19071604:	AT (371619.72, 3773020.25, 124.45, 204.91, 0.00) DC

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   1892 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   937 Calm Hours Identified

 A Total of   955 Missing Hours Identified (2.18 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   609   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   609   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

Energy Calculations

9160-9176 Sunset Blvd Project

10/29/2025

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Tractors/Loaders/Backhoes	1	6	84	0.37	Demolition	570
Excavators	1	8	75	0.38	Demolition	697
Forklifts	1	8	82	0.2	Demolition	401
Rubber Tired Loaders	1	8	150	0.36	Demolition	1,187
Graders	1	8	148	0.41	Site Preparation	641
Tractors/Loaders/Backhoes	2	8	84	0.37	Site Preparation	731
Excavators	1	8	75	0.38	Site Preparation	335
Forklifts	1	8	82	0.2	Site Preparation	193
Rubber Tired Loaders	1	8	150	0.36	Site Preparation	571
Off-Highway Trucks	1	8	376	0.38	Site Preparation	1,510
Trenchers	1	8	75	0.5	Site Preparation	441
Tractors/Loaders/Backhoes	1	7	84	0.37	Grading	563
Excavators	1	8	75	0.38	Grading	590
Forklifts	1	8	82	0.2	Grading	339
Trenchers	1	8	75	0.5	Grading	776
Cranes	1	4	367	0.29	Building Construction	7,831
Forklifts	1	6	82	0.2	Building Construction	2,012
Aerial Lifts	1	8	75	0.31	Building Construction	3,804
Skid Steer Loaders	1	8	75	0.37	Building Construction	4,540
Trenchers	1	8	75	0.5	Building Construction	6,135
Welders	1	8	75	0.45	Building Construction	5,521
Cranes	1	4	367	0.29	Nighttime Construction	3,195
Forklifts	1	6	82	0.2	Nighttime Construction	821
Aerial Lifts	1	8	75	0.31	Nighttime Construction	1,552
Cement and Mortar Mixers	1	8	75	0.56	Nighttime Construction	2,804
Tractors/Loaders/Backhoes	2	8	84	0.37	Nighttime Construction	4,150
Forklifts	1	8	82	0.2	Paving	432
Paving Equipment	1	8	89	0.36	Paving	843
Pressure Washers	1	8	75	0.3	Paving	592
Forklifts	1	8	82	0.2	Architectural Coating	2,598
Off-Highway Trucks	1	8	376	0.38	Architectural Coating	20,362
Pressure Washers	1	8	75	0.3	Architectural Coating	3,565
					Total Fuel Used	**80,301 (Gallons)**

Construction Phase	Days of Operation
Demolition	52
Site Preparation	25
Grading	44
Building Construction	348
Nighttime Constuction	142
Paving	56
Architectural Coating	337
Total Days	1004

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Demolition	24.1	95	18.5	3,792
Site Preparation	24.1	95	18.5	1,823
Grading	24.1	10	18.5	338
Building Construction	24.1	47.5	18.5	12,689

Nighttime Construction	24.1	32.2	18.5	3,510
Paving	24.1	47.5	18.5	2,042
Architectural Coating	24.1	47.5	18.5	12,288
			Total Fuel Used	36,482

HAULING AND VENDOR TRIPS

HAULING TRIPS

Constuction Phase	**MPG [2]**	**Trips**	**Trip Length (miles)**	**Fuel Used (gallons)**
Demolition	7.5	1.67	20	231.57
Grading	7.5	71	36.0	14995.20
			Total Fuel Used	**15,226.77**

VENDOR TRIPS

Constuction Phase	**MPG [2]**	**Trips**	**Trip Length (miles)**	**Fuel Used (gallons)**
Building Construction	7.5	14	10.2	6673.25
Nighttime Construction	7.5	14	10.2	2761.62
			Total Fuel Used	**9,434.86**

Total Gasoline Consumption (gallons)	**36,482**
Total Diesel Consumption (gallons)	**104,963**

Sources:

[1] United States Environmental Protection Agency. 2021. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES3.0.2* . September. Available at: https://www.epa.gov/system/files/documents/2021-08/420r21021.pdf.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2021. *National Transportation Statistics* . Available at: https://www.bts.gov/topics/national-transportation-statistics.

9160-9176 Sunset Blvd Project

Last Updated: 10/29/2025

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	2,225,168		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.493280
Light Duty Truck 1 (LDT1)	0.042329
Light Duty Truck 2 (LDT2)	0.240230
Medium Duty Vehicle (MDV)	0.143400
Light Heavy Duty 1 (LHD1)	0.026966
Light Heavy Duty 2 (LHD2)	0.006925
Medium Heavy Duty (MHD)	0.011010
Heavy Heavy Duty (HHD)	0.008945
Other Bus (OBUS)	0.000845
Urban Bus (UBUS)	0.000619
Motorcycle (MCY)	0.022000
School Bus (SBUS)	0.000649
Motorhome (MH)	0.002781

Fuel Economy (MPG) [1]	
Passenger Vehicles	24.8
Light-Med Duty Trucks	18.1
Heavy Trucks/Other	7.9
Motorcycles	44

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*49.33%*	*Gasoline*	1,097,631	0.00	44,259
Light-Medium Duty Trucks	*42.60%*	*Gasoline*	947,830	0.00	52,366
Heavy Trucks/Other	*5.87%*	*Diesel*	130,707	0.00	16,545
Motorcycle	*2.20%*	*Gasoline*	48,954	0.00	1,113

Total Gasoline Consumption (gallons)	**97,738**
Total Diesel Consumption (gallons)	**16,545**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2024. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Water Usage for Control of Fugitive Dust during Construction

Phase	Days	Average Daily Acreage Distrubed	Total Gallons	Electricity (kWhr)
Demolition	52	1	104,682.9	318.65
Site Preparation	25	1	50,328.3	153.20
Grading	44	1	88,577.8	269.63
		Total	243,589.0	**741.48**

Gallons per year of water usage for dust control is calculated based on a minimum control efficiency of 66% (three times daily) with an application rate of 3,020 gal/acre/day (Air & Waste Management Association Air Pollution Engineering Manual (1992 Edition))

	kwh/gallon
CalEEMod Default: Each gallon of delivered potable water in South Coast Region is associated with	0.003044

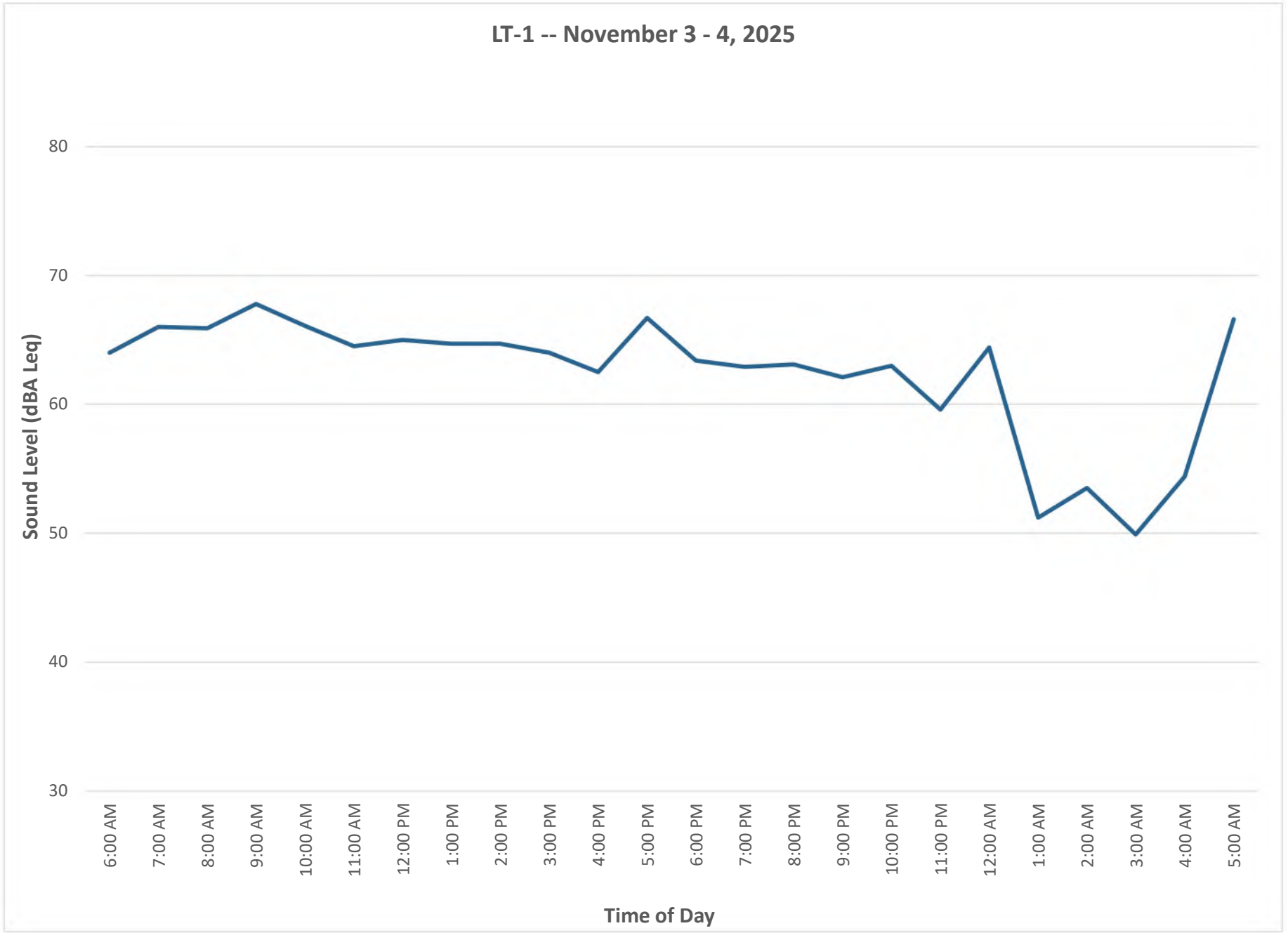
Table G-32. Water Energy Intensity Factors by Hydrologic Region and Process (kWh per million gallon)

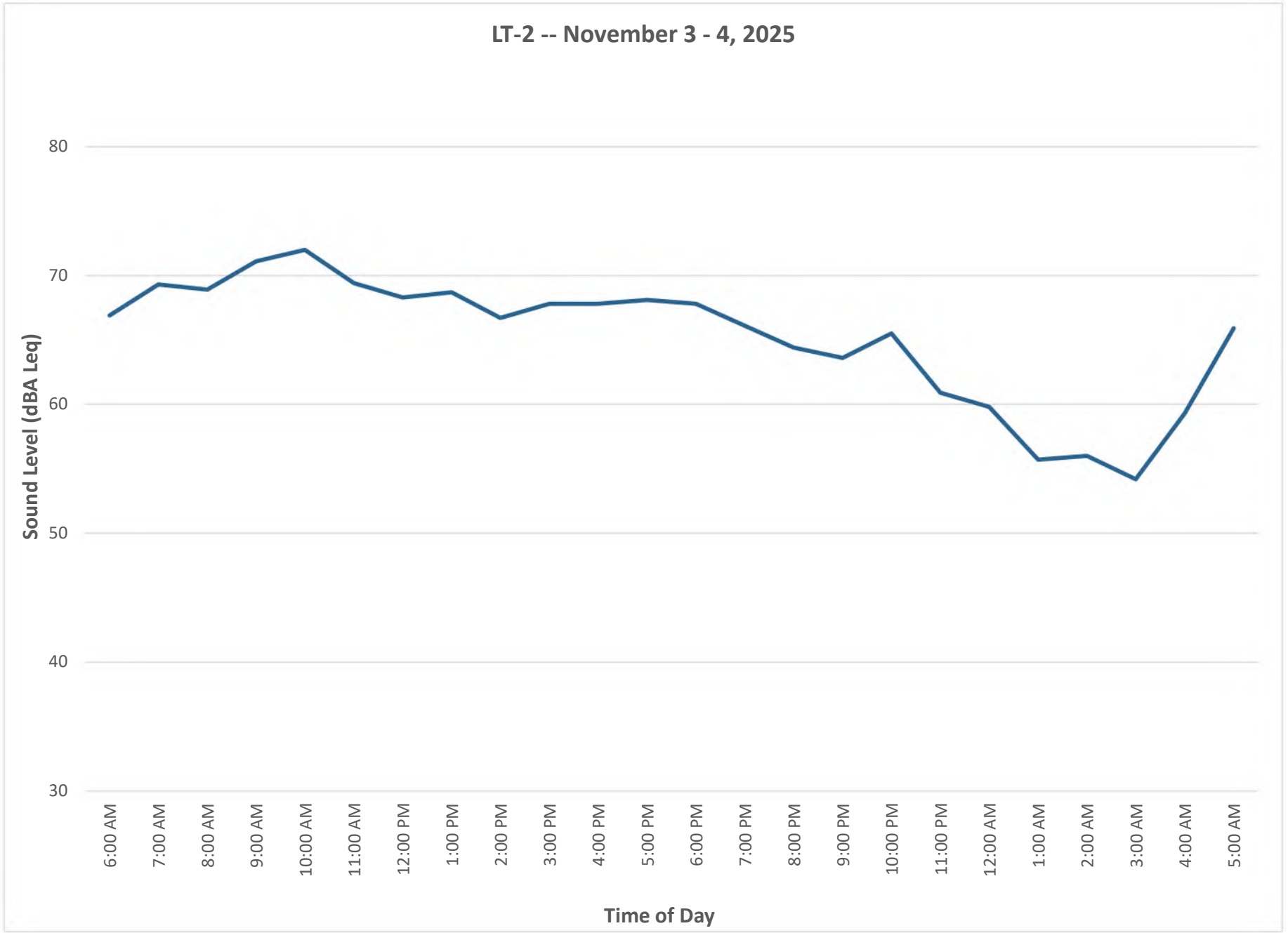
Hydrologic Region	Supply	Treat	Distribute	Wastewater
South Coast	3044	725	1537	1501
San Francisco Bay	1182	754	2998	1542
Central Coast	1577	754	1537	1542
Tulare Lake	1506	748	166	1519
North Coast	620	754	1537	1542
San Joaquin River	827	748	166	1519
Colorado River	2304	748	166	1519
Sacramento River	698	748	166	1519
South Lahontan	1953	748	1537	1519
North Lahontan	541	748	166	1519

Source: Sziniai, G.; Abraham, S.; Cooley, H.; Gleick, P. 2021. The Future of California's Water-Energy-Climate Nexus. Prepared by the Pacific Institute. Produced by Next 10. Available: https://www.next10.org/sites/default/files/2021-09/Next10-Water-Energy-Report_v2.pdf. Accessed: March 2022

Measurement Location	Start Date	Start Time	End Time	Duration	LZeq	LCeq	LAeq	LZSmax	LCSmax	LASmax	LZSmin	LCSmin	LASmin	LZE	LCE
ST-1	11/3/2025	6:52:30 AM	7:07:30 AM	0:15:00	73.2	72.1	64.3	87.2	86.7	80.9	64.8	61.7	46.6	102.7	101.6
ST-2	11/3/2025	6:25:43 AM	6:40:43 AM	0:15:00	78	77.3	69.2	94.9	94.3	82.9	65.2	62.8	49.7	107.5	106.8

Measurement Location	LAE	LZpk	LCpk	LApk	LAS1%	LAS2%	LAS5%	LAS8%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%	
ST-1	93.8	99.5	98.5	96.5	74.2	72.8	70.3	68	66.9	63.4	60.8	51	49.7	47.9	
ST-2	98.7	107.7	108.1	96.4	77.4	76.1	74.2	73.2	72.7	70.2	66.5	58.5	56.6	53.5	


LT-1 -- November 3 - 4, 2025
Sound Level (dBA Leq)
80
70
60
50
40
30
6:00 AM
7:00 AM
8:00 AM
9:00 AM
10:00 AM
11:00 AM
12:00 PM
1:00 PM
2:00 PM
3:00 PM
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
10:00 PM
11:00 PM
12:00 AM
1:00 AM
2:00 AM
3:00 AM
4:00 AM
5:00 AM
Time of Day


LT-2 -- November 3 - 4, 2025
Sound Level (dBA Leq)
80
70
60
50
40
30
6:00 AM
7:00 AM
8:00 AM
9:00 AM
10:00 AM
11:00 AM
12:00 PM
1:00 PM
2:00 PM
3:00 PM
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
10:00 PM
11:00 PM
12:00 AM
1:00 AM
2:00 AM
3:00 AM
4:00 AM
5:00 AM
Time of Day

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Ambient Noise Survey Data Sheet

Instructions: Document noise measurement locations with a photo of the site, including the noise meter. Additionally, take notes on general and secondary noise sources, including the instantaneous noise level if possible. As a reminder, A/C weighting should be set to "A". For additional information, please review the *Noise Measurement Protocol* in the pelican case.

Project Name: Sunset EIR **Job Number:** 23-14947

Date: 11/13/25 ~~11/5/25~~ MG **Operator Name:** Mike Good

Measurement #1

Location: ST2 **Begin time:** 0626 **Finish time:** 0641

Measurement No.: Rec1 **Wind (mph):** 0 **Direction:** NW

Cloud Cover Class: (Overcast (>80%)) Light (20-80%) Sunny (<20%)

Calibration (dB): Start: 94.0 End: 94.0

Primary Noise Sources: Traffic on Sunset Blvd **Distance:** ~~100 feet~~ MG

Secondary Noise Sources:

Notes:

Traffic Count: Passenger Cars: 212

Medium Trucks (2 axles, 6 tires): 5 Heavy Duty Trucks (3+ axles):

Instantaneous Noise Sources/Levels (e.g., airplane, bus airbrake, etc.):

Leq: **SEL:** **Lmax:** **Lmin:** **PK:**

L(05): **L(10):** **L(50):** **L(90):** **L(95):**

Response: Slow Fast Peak Impulse

Measurement #2

Location: ST1 **Begin time:** 0654 **Finish time:** 0709

Measurement No.: Rec 2 **Wind (mph):** 0 **Direction:** NW

Cloud Cover Class: (Overcast (>80%)) Light (20-80%) Sunny (<20%)

Calibration (dB): Start: 94.0 End: 94.0

Primary Noise Sources: traffic on Sunset Blvd **Distance:** ~100 ft

Secondary Noise Sources: Intermittent traffic on Cory Ave

Notes:

Traffic Count: Passenger Cars: 15

Medium Trucks (2 axles, 6 tires): Heavy Duty Trucks (3+ axles):

Instantaneous Noise Sources/Levels (e.g., airplane, bus airbrake, etc.):

Leq: **SEL:** **Lmax:** **Lmin:** **PK:**

L(05): **L(10):** **L(50):** **L(90):** **L(95):**

Response: Slow Fast Peak Impulse

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Ambient Noise Survey Data Sheet

Instructions: Document noise measurement locations with a photo of the site, including the noise meter. Additionally, take notes on general and secondary noise sources, including the instantaneous noise level if possible. As a reminder, A/C weighting should be set to "A". For additional information, please review the *Noise Measurement Protocol* in the pelican case.

Project Name: Sunset EIR **Job Number:** 23-14947

Date: 11/3/25 - 11/5/25 **Operator Name:** Mike Girod

Measurement #1

Location: LT1 **Begin time:** 0548 **Finish time:** Meter off on arrival at 0654

Measurement No.: _____ **Wind (mph):** 0 **Direction:** NW

Cloud Cover Class: (Overcast (>80%)) Light (20-80%) Sunny (<20%)

Calibration (dB): Start: 94.0 End: 94.0

Primary Noise Sources: ~~Traffic on Doheny Rd~~ Traffic on Sunset Blvd **Distance:** ~100 feet

Secondary Noise Sources: _____

Notes: _____

Traffic Count: Passenger Cars: 15

Medium Trucks (2 axles, 6 tires): _____ Heavy Duty Trucks (3+ axles): _____

Instantaneous Noise Sources/Levels (e.g., airplane, bus airbrake, etc.): _____

Leq: _____ **SEL:** _____ **Lmax:** _____ **Lmin:** _____ **PK:** _____

L(05): _____ **L(10):** _____ **L(50):** _____ **L(90):** _____ **L(95):** _____

Response: Slow Fast Peak Impulse

Measurement #2

Location: LT2 **Begin time:** 11/3/25 0558 **Finish time:** 11/5/25 0649

Measurement No.: _____ **Wind (mph):** 0 **Direction:** NW

Cloud Cover Class: (Overcast (>80%)) Light (20-80%) Sunny (<20%)

Calibration (dB): Start: 94.0 End: 94.0

Primary Noise Sources: Traffic on Doheny Rd **Distance:** _____

Secondary Noise Sources: _____

Notes: _____

Traffic Count: Passenger Cars: 27

Medium Trucks (2 axles, 6 tires): 3 Heavy Duty Trucks (3+ axles): _____

Instantaneous Noise Sources/Levels (e.g., airplane, bus airbrake, etc.): _____

Leq: _____ **SEL:** _____ **Lmax:** _____ **Lmin:** _____ **PK:** _____

L(05): _____ **L(10):** _____ **L(50):** _____ **L(90):** _____ **L(95):** _____

Response: Slow Fast Peak Impulse

Product Data

WeatherMaker®
Single Package Heat Pump
Rooftop

15 to 25 Nominal Tons

ecoblue™ technology



50FCQ*17, 24, 28

Single-Packaged Heat Pump with Optional Electric Heat and Puron® Refrigerant (R-410A)

© 2024 Carrier

Features/Benefits

The New Carrier WeatherMaker® packaged heat pump rooftop units (RTU) with EcoBlue™ Technology were designed by customers to provide value added benefits never seen in this type of equipment before.

New features include:

- A patented, industry first, Vane Axial Indoor Fan System, powered by an electronically commutated motor for quiet, efficient, and reliable operation. Compared to traditional belt driven forwards curved fans, this system has:
  - 75% fewer moving parts
  - No fan belts, pulleys, shaft, and shaft bearings
  - Up to 40% better efficiency than traditional belt drive forward curve fans
  - Slow ramp up capability for better sound and comfort control
  - Internal protection from phase reversal and phase loss situations
  - High external static capability
  - Slide out blower assembly design
- Reliable 2 stage cooling with tandem scroll compressors technology, fully active evaporator coil, and mixed air temperature protection on all models
- New unit control board with intuitive indoor fan adjustment that uses simple dial and switch adjustments
- An industry first 25 ton packaged heat pump
- Reliable copper tube/aluminum fin condenser coil with 5/16 in. tubing to help reduce refrigerant charge and reduce weight versus prior designs

WeatherMaker® 50FCQ units up to 25 tons are specifically designed for dedicated factory-supplied vertical air flow or horizontal air flow. No special field kits are required. All footprints were maintained to easily fit on R-410A Carrier and select competitor curbs, making replacements easier than ever.

With "no-strip" screw collars, handled access panels, and more, the unit is easy to install, easy to maintain, and easy to use.

Our 2 speed staged air volume through our Vane Axial fan allows our 15 to 25 ton 50FCQ WeatherMaker units to deliver IEER values up to 14.0 and provide optimum comfort and control.

Value-added features include:

- SystemVu™ intuitive intelligent controls option that provides:
  - Large full text, multi-line display
  - USB Flash Port for data transfer
  - Built in i-Vu®, CCN and BACnet[1]
  - Read refrigerant pressures from display — no gauges
  - Quick LED Status — Run, Alert, Fault
  - Conventional thermostat or sensor capabilities
  - Historical component runtime and starts
  - Supply air tempering
  - Navigator™ and Network Service Tool compatible
- Single point electrical connections
- All 15 to 25 ton models use TXV refrigerant metering devices
- Scroll compressors with internal line-break overload protection
- Units come with an easy access tool-less filter door. Filter track tilts out for filter removal and replacement. All filters are the same size in each unit

1. Third-party trademarks and logos are the property of their respective owners.

Installation ease

Lighter units make for easy replacement and aid in the structural approval process. Units have simple, fast plug-in connections to the standard integrated unit control board (UCB). Clearly labeled connections points to reduce installation time. Also, a large control box provides room to work and room to mount Carrier accessory controls.

Easy to maintain

With the new EcoBlue Vane Axial fan system and direct drive ECM motor, there is no longer a need to adjust or replace belts or pulleys as in past designs. This frees up maintenance, installation and commissioning time.

Table of contents

	Page
Features/Benefits	2
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Options and accessories	8
Base unit dimensions	13
Accessory dimensions	23
Performance data	25
Fan data	34
Electrical data	44
Typical wiring diagrams	58
Sequence of operation	64
Application data	66
Guide specifications	67

Features/Benefits (cont)

Easy access handles by Carrier provide quick and easy access to all normally serviced components. Our "no-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal.

Sloped, corrosion resistant composite drain pan sheds water and won't rust.

Easy to use

The newly re-designed Unit Control Board by Carrier puts all connections and troubleshooting points in one convenient place. Most low voltage connections are made to the same board and make it easy to access it. Setting up the fan is simple by an intuitive switch and rotary dial arrangement.

Carrier rooftops have high and low pressure switches, a new mixed air temperature switch, a filter drier, and 2 in. filters standard.

EcoBlue™ Technology

Direct drive EcoBlue Technology indoor fan system uses Vane Axial fan design and electrically commutated motors.

This new Vane Axial design has 75% fewer moving parts, uses up to 40% less energy and has no fan belts, blower bearings and shaft when compared with past belt drive systems. The full fan and motor assembly also slides out for easier maintenance and service.

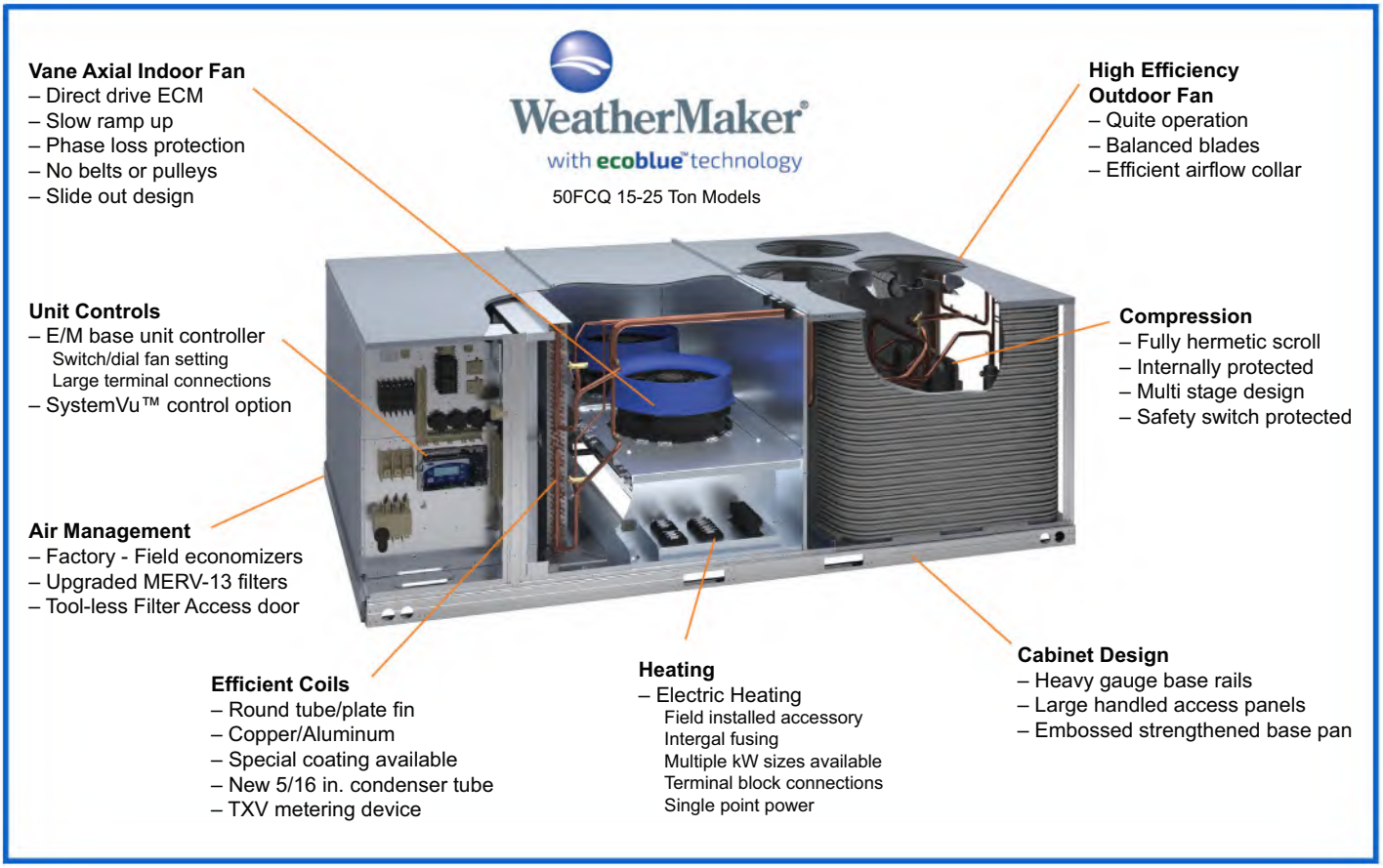
Streamlined control and integration

Carrier controllers make connecting WeatherMaker® rooftop heat pump units into existing building automation systems easy. The units are compatible with conventional thermostat controls or SystemVu™ controls for greater comfort, diagnostics and building network integration.

Operating efficiency and flexibility

These 50FCQ packaged rooftops meet the Department of Energy (DOE) 2023 efficiency standard, as well as the latest ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) 90.1 and IECC®[1] (International Energy Conservation Code) minimum IEER efficiency requirements.

1. Third-party trademarks and logos are the property of their respective owners.



Model number nomenclature

50FCQ*17-28 Model Number Nomenclature

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	F	C	Q	M	2	4	A	2	A	6	-	0	A	0	A	0

Unit Heat Type
50 = Cooling Packaged Rooftop

Model Series - WeatherMaker®
FC = Standard Efficiency (EcoBlue™ Technology)

Heat Type
Q = Heat Pump
(Field-Installed Electic Heat)

Refrig. Systems Options
M = Two Stage Cooling/One Circuit Models

Cooling Tons
17 = 15.0 tons
24 = 20.0 tons
28 = 25.0 tons

Sensor Options
A = None
B = Return Air Smoke Detector (RA)
C = Supply Air Smoke Detector (SA)
D = RA + SA Smoke Detector
E = CO_2 Sensor
F = RA Smoke Detector and CO_2 Sensor
G = SA Smoke Detector and CO_2 Sensor
H = RA + SA Smoke Detector and CO_2 Sensor
J = Condensate Overflow Switch (COFS)
K = COFS + RA Smoke Detector
L = COFS + RA and SA Smoke Detectors
M = COFS + SA Smoke Detector
N = COFS + CO_2 Sensor
P = COFS + RA Smoke Detector and CO_2 Sensor
Q = COFS + SA Smoke Detector and CO_2 Sensor
R = COFS + RA and SA Smoke Detector and CO_2 Sensor

Indoor Fan Options - Vane Axial EcoBlue Fan System
2 = Standard/Medium Static Motor - Vertical Supply
3 = High Static Motor - Vertical Supply
5 = Standard/Medium Static Motor - Vertical Supply and Filter Status Switch
6 = High Static Motor - Vertical Supply and Filter Status Switch
J = High Static Motor - Horizontal Supply
L = High Static Motor - Horizontal Supply and Filter Status Switch

Coil Options – RTPF (Outdoor – Indoor) – Hail Guards
A = Al/Cu – Al/Cu
B = Precoat Al/Cu – Al/Cu
C = E-coat Al/Cu – Al/Cu
D = E-coat Al/Cu – E-coat Al/Cu
E = Cu/Cu – Al/Cu
F = Cu/Cu – Cu/Cu
M = Al/Cu – Al/Cu – Louvered Hail Guards
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guards
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guards
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guards
R = Cu/Cu – Al/Cu – Louvered Hail Guards
S = Cu/Cu – Cu/Cu – Louvered Hail Guards

Voltage
1 = 575-3-60
5 = 208/230-3-60
6 = 460-3-60

Packaging Compliance
0 = Standard

Electrical Options
A = None
C = Non-Fused Disconnect
N = Phase Monitor/Protection
Q = Phase Monitor/Protection and Non-Fused Disconnect
1 = HSCCR Protection

Service Options
0 = None
1 = Unpowered Convenience Outlet
2 = Powered Convenience Outlet
3 = Hinged Access Panels
4 = Hinged Access Panels and Unpowered Convenience Outlet
5 = Hinged Access Panels and Powered Convenience Outlet
6 = 4" MERV 13 High Efficiency Filter Track
7 = Unpowered Convenience Outlet and 4" MERV 13 High Efficiency Filter Track
8 = Powered Convenience Outlet and 4" MERV 13 High Efficiency Filter Track
9 = Hinged Access Panels and 4" MERV 13 High Efficiency Filter Track
A = Hinged Access Panels, Unpowered Convenience Outlet and 4" MERV 13 High Efficiency Filter Track
B = Hinged Access Panels, Powered Convenience Outlet and 4" MERV 13 High Efficiency Filter Track

Intake / Exhaust Options
A = None
B = Low Leak Temp Economizer w/ Baro Relief
D = Low Leak Temp Economizer w/ PE (cent) Vert Only
F = Low Leak Enthalpy Economizer w/ Baro Relief
H = Low Leak Enthalpy Economizer w/ PE (cent) Vert Only
U = ULTRA Low Leak Temp Economizer w/ Baro Relief
V = ULTRA Low Leak Temp Economizer w/ PE (cent) Vert Only
W = ULTRA Low Leak Enthalpy Economizer w/ Baro Relief
X = ULTRA Low Leak Enthalpy Economizer w/ PE (cent) Vert Only

Base Unit Controls
0 = Electromechanical Controller (can be used with field installed W7212 EconoMi$er® IV — no FDD[a])
3 = SystemVu™ Controller
8 = Electromechanical Controls — with POL224 EconomizerONE (includes FDD[a])

Design Revision
- = Factory Design Revision

[a] FDD (Fault Detection and Diagnostic) capability per California Title 24 section 120.2.

Capacity ratings

50FCQ AHRI Ratings, Cooling Mode[a,b,c]

UNIT	COOLING STAGES	NOMINAL CAPACITY (tons)	NET COOLING CAPACITY (Btuh)	TOTAL POWER (kW)	EER	IEER WITH 2-SPEED INDOOR FAN MOTOR	AHRI RATING CFM
50FCQM17	2	15	172,000	16.2	10.60	14.0	6,300
50FCQM24	2	20	240,000	24.5	9.80	14.0	8,000
50FCQM28	2	25	278,000	29.3	9.50	14.0	10,000

NOTE(S):

a. Rated in accordance with AHRI Standards 340/360.
b. Rating are based on:
Cooling Standard: 80°F (27°C) db, 67°F (19°C) wb indoor air temperature and 95°F (35°C) db outdoor air temperature.
IEER Standard: A measure that expresses cooling part-load EER efficiency for commercial unitary air-conditioning and heat pump equipment on the basis of weighted operation at various load capacities.
c. All 50FCQ units comply with ASHRAE 90.1-2019 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) and DOE-2023 (Department of Energy) Energy Standard for minimum IEER requirements.

LEGEND

AHRI — Air-Conditioning, Heating and Refrigeration Institute
EER — Energy Efficiency Ratio
IEER — Integrated Energy Efficiency Ratio

50FCQ AHRI Ratings, Heating Mode[a,b,c]

UNIT	HEATING, LOW 17°F(–8°C) AMBIENT		HEATING, HIGH 47°F (8°C) AMBIENT		AHRI RATING CFM
	Net Capacity (Btuh)	COP	Net Capacity (Btuh)	COP	
50FCQM17	106,000	2.30	168,000	3.30	6300
50FCQM24	136,000	2.30	234,000	3.30	8000
50FCQM28	158,000	2.30	274,000	3.30	9500

NOTE(S):

a. Rated in accordance with AHRI Standards 340/360.
b. Rating are based on:
Cooling Standard: 80°F (27°C) db, 67°F (19°C) wb indoor air temperature and 95°F (35°C) db outdoor air temperature.
IEER Standard: A measure that expresses cooling part-load EER efficiency for commercial unitary air-conditioning and heat pump equipment on the basis of weighted operation at various load capacities.
c. All 50FCQ units comply with ASHRAE 90.1-2019 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) and DOE-2023 (Department of Energy) Energy Standard for minimum IEER requirements.

LEGEND

AHRI — Air-Conditioning, Heating and Refrigeration Institute
COP — Coefficient of Performance

Capacity ratings (cont)

Sound Rating Table[a]

UNIT	COOLING STAGES	OUTDOOR SOUND (dB) AT 60 Hz[b]								
		A-WEIGHTED[c]	63	125	250	500	1000	2000	4000	8000
50FCQM17	2	84.1	92.2	83.9	80.4	81.8	78.7	76.5	72.2	65.4
50FCQM17	2	85.9	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3
50FCQM28	2	85.9	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3

NOTE(S):

a. Outdoor sound data is measured in accordance with AHRI.
b. Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environmental factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.
c. A-weighted sound ratings filter out very high and very low frequencies, to better approximate the response of “average” human ear. A-weighted measurements for Carrier units are taken in accordance with AHRI.

LEGEND

dB — Decibel

Minimum - Maximum Airflow Ratings (cfm) — Cooling Units and Accessory Electric Heat

UNIT	COOLING			ELECTRIC HEAT[a]	
	MINIMUM 2-SPEED AIRFLOW (LOW SPEED)	MINIMUM 2-SPEED AIRFLOW (HIGH SPEED)	MAXIMUM AIRFLOW CFM	MINIMUM AIRFLOW CFM	MAXIMUM AIRFLOW CFM
50FCQM17	2700	4500	7500	4500	7500
50FCQM24	3000	6000	10,000	6000	10,000
50FCQM28	3750	7500	12,500	7500	12,500

NOTE(S):

a. Electric heat modules and single point kits are available as field-installed accessories for 50FCQ units.

Cat® GC Enclosures



Image shown might not reflect actual configuration

DE33 GC - DE220 GC Sound Attenuated Enclosures

50 Hz:33 kVA - 220 kVA

60 Hz:37.5 kVA - 218.8 kVA

Features

Robust/Highly Corrosion Resistant Construction

- Manufactured from galvanized steel
- Advanced powder-coated paint finish
- Single-piece main roof
- Base frame extends beyond enclosure, protecting against handling damage
- Minimal external fixings exposed to environment
- Zinc-plated fasteners
- 1 degree sloped roof provided to prevent water stagnation and ingress

Excellent Access

- Side-hinged doors on both sides of the enclosure incorporate lift-off hinges at 45°
- Radiator fill via removable, flush-mounted rain cap fitted with compression seal
- Coolant drain valves mounted to siderail on exterior
- Removable end panels allow access to radiator, exhaust outlet, and alternator rear
- Doors positioned for optimum access of frequently serviced items

Security and Safety

- Secure, lockable doors prevent unauthorized access to control panel, fuel fill, and battery
- Emergency stop button mounted on exterior, convenient to control panel
- Cooling fan and battery charging alternator fully guarded

Transportability

- Drag points on base frame facilitate handling from both ends (DE33 GC - DE110 GC)
- Lifting and drag points on base frame facilitate handling (DE150 GC - DE200 GC)

Options

- Caterpillar yellow paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil, and coolant) DEFRA compliant
- Integrated drip tray containment fuel tank (fuel, oil, and coolant)

Enclosure Package Operating Characteristics

A. Sound Attenuated Enclosures

Model	Hz	kVA	SB	Sound Pressure Levels dBA				Air Flow Rate		Ambient Capability @100% Load	
				1m (3.3ft)		7m (23ft)					
				75% Load	100% Load	75% Load	100% Load	m^3/s	cfm	°C	°F
DE33 GC	50	33	SB	79.1	81.1	68.5	70.2	0.9	1801.0	60	139
	60	37.5	SB	80.7	81.9	70	71.4	1.0	2182.4	63	146
DE50 GC	50	50	SB	76	77.4	64.6	66.3	1.3	2839.3	61	142
	60	56.3	SB	79	80.1	68.8	69.9	1.5	3220.7	62	144
DE55 GC	50	55	SB	76.3	78.3	65	67.3	1.3	2839.3	57	135
	60	62.5	SB	79.3	80.7	69.1	70.5	1.5	3220.7	59	139
DE65 GC	50	65	SB	77.3	80.3	66.1	69.5	1.3	2839.3	49	119
	60	75	SB	80.1	82.3	69.9	72	1.5	3220.7	53	127
DE88 GC	50	88	SB	77.1	79.1	66.7	69.1	1.6	3432.6	45	113
	60	100	SB	81.9	83	71	72.8	1.9	4110.6	46	114
DE110 GC	50	110	SB	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD
	60	125	SB	83.3	83.3	72.5	73.1	2.5	5339.6	54	130
DE150 GC	50	150	SB	80.7	81.1	70.4	71.4	3.0	6377.8	58	136
	60	165	SB	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD
DE165 GC	50	163.9	SB	79.4	80.2	70.7	71.4	3.0	6441.4	60	140
	60	187.5	SB	82.1	82.5	71.9	72.4	3.4	7288.9	59	139
DE200 GC	50	200	SB	79.9	81.2	71.2	72.1	3.0	6441.4	52	126
	60	218.8	SB	82.3	82.9	72.1	72.7	3.4	7288.9	54	130
DE220 GC	50	220	SB	80.2	81.7	71.4	72.4	3.0	6441.4	48	119

*TBD - To be determined - Data will be released soon

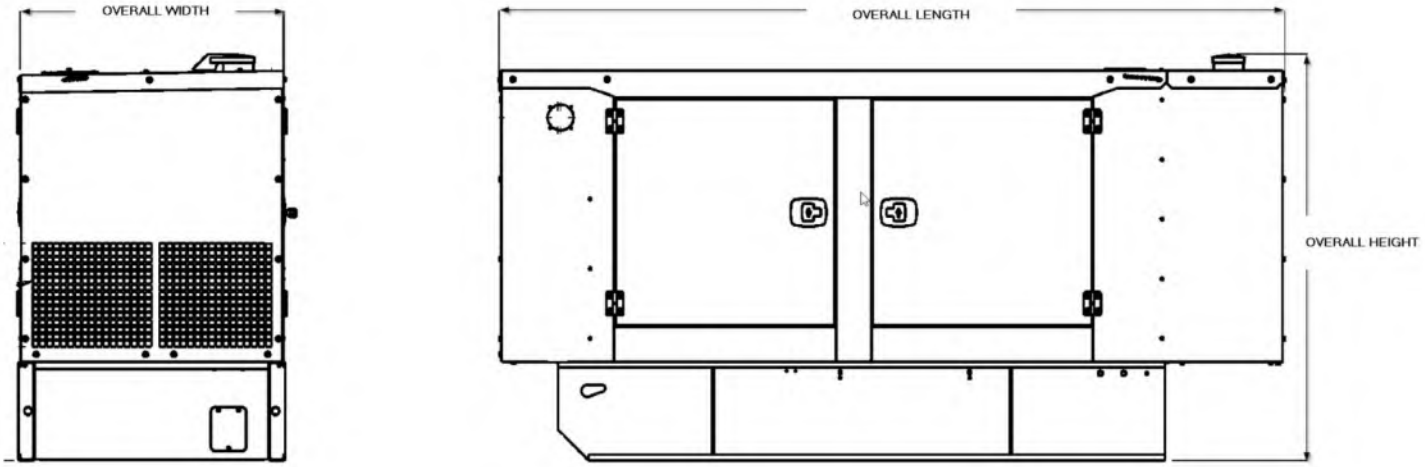
Note: Sound level measurements are subject to instrumentation, installation and manufacturing variability, as well as ambient site conditions.

Cat® GC Enclosures

Weights & Dimensions

A. Sound Attenuated Enclosures

Model	Weight*		Genset Overall Size (mm)		
	Kg	lb	Length	Width	Height
DE33 GC	851	1876.5	1964	896	1344
DE50 GC	889	1960.2	2298	964	1404
DE55 GC	902	1988.9	2298	964	1404
DE65 GC	992	2187.4	2298	964	1404
DE88 GC	1141	2515.9	2294	1126	1476
DE110 GC	1213	2674.7	2765	1026	1583
DE150 GC	1902	4193.9	3340	1172	1746
DE165 GC	1926	4246.8	3345	1172	1746
DE200 GC	1893	4174.1	3345	1172	1746
DE220 GC	1907	4204.9	3345	1172	1746



***Note:** For reference only – do not use for installation design. Please contact your local dealer for exact weights and dimensions

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LEHE20114-00 (12/20)

APPENDIX O

Traffic Study

Transportation Study

Sunset Blvd. Commercial Project

City of West Hollywood
September 2022

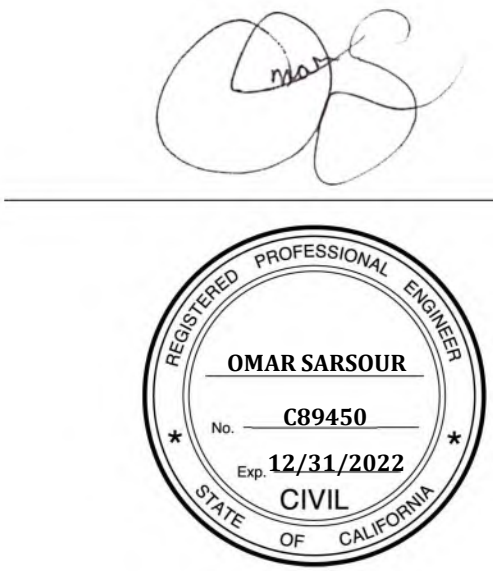


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1.0 Introduction

This Transportation Impact Analysis for 9160-9176 Sunset Boulevard Commercial Project (Traffic Study) investigates the proposed Project's presence within the City of West Hollywood (City) for informative purposes.

The Traffic Study evaluates the thresholds of vehicle miles traveled (VMT) per the implementation of California Senate Bill 743 (SB 743) for CEQA significant impacts as well as the City of West Hollywood Traffic Impact Analysis Guidelines issued in April 2021 (City Guidelines). The Traffic Study also performs a site plan review and analysis, and driveway and circulation analysis. Finally, the Traffic Study qualitatively investigates the proposed Project's potential effects on the surrounding transportation network.

The project site is in the Sunset Specific Plan (SSP), which extends along Sunset Boulevard, for the entire length of the city, and is typically one to two parcels wide on each side of the roadway (City of West Hollywood, 2019). The project site is within Area 8 - West End of the SSP area. The goals of the SSP in the West End area include accommodating additional office buildings and providing space for "creative" industries and anchor businesses. The SSP also encourages development of a building of landmark quality at the southeast corner of Sunset and Cory that dramatically marks the entrance to West Hollywood and acts as a "hinge" at the bend in the street. Ground-floor uses catering to the needs of area office workers are encouraged (City of West Hollywood, 2019).

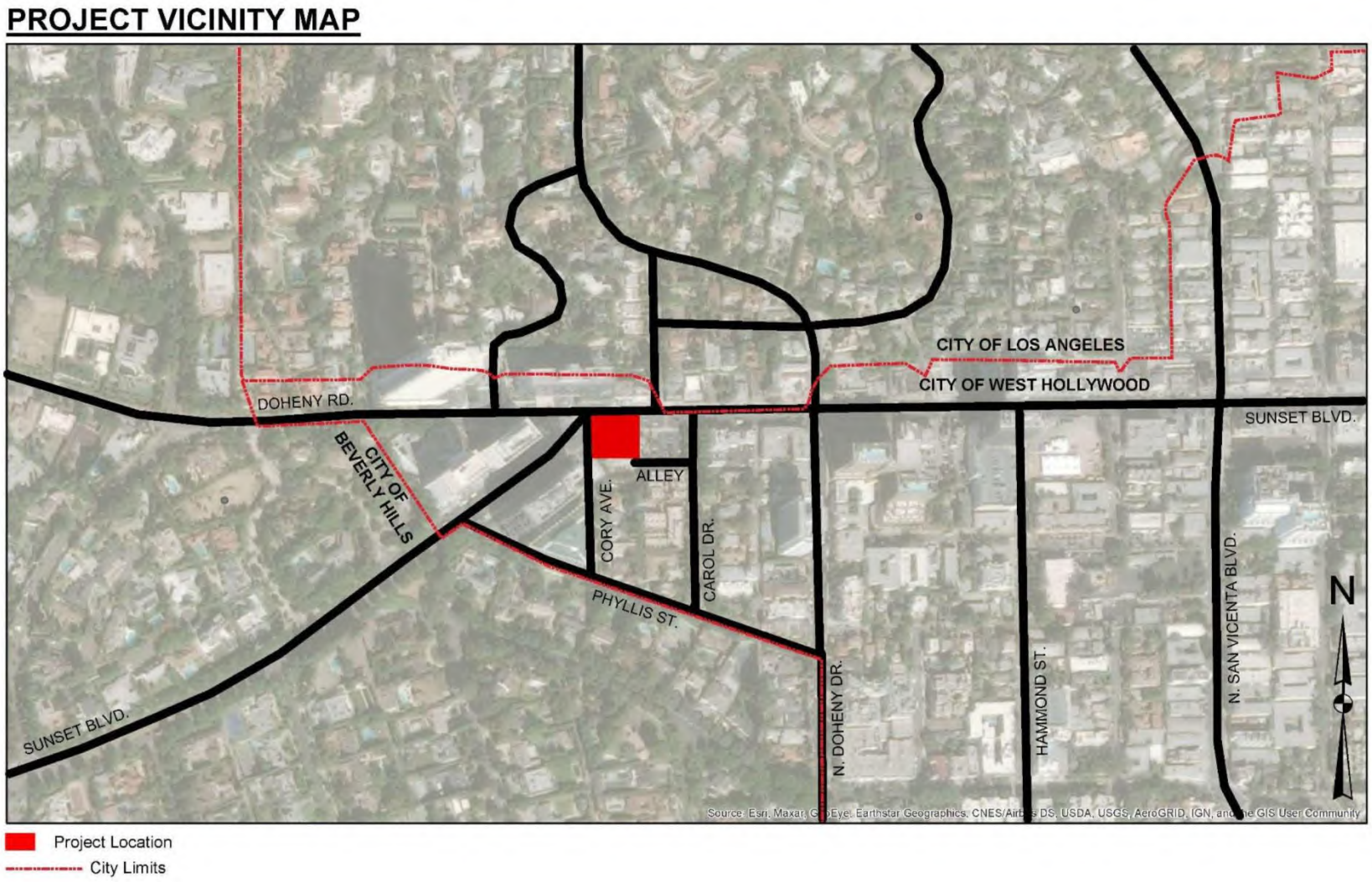
1.1 Project Location and Setting

The proposed project, 9160-9176 Sunset Boulevard Commercial Project, is located at 9160 to 9176 Sunset Boulevard in the City of West Hollywood, California. The project site is located on the south side of Sunset Boulevard, between Carol Drive and Cory Avenue. The City of West Hollywood is in west-central Los Angeles County, at the north margin of the Los Angeles Basin and at the south foot of the Hollywood Hills. The City of West Hollywood is surrounded by the City of Los Angeles to the north, east, and south, and by the City of Beverly Hills to the west.

The project site, which is currently a closed auto dealership, is surrounded by medical office and commercial uses opposite Sunset Boulevard to the north; a surface parking lot for a nearby office building to the east; commercial uses to the west opposite Cory Avenue; and residential uses to the south.

A vicinity map of the proposed project is presented in **Figure 1.1-1**.

Figure 1.1-1 – Vicinity Map



2.0 Transportation Network

2.1 Study Roadways

The City of West Hollywood has the following three classification of streets.

- Local/Residential Street: A roadway that primarily serves the residential neighborhood. These include most of the City's residential streets.
- Minor Arterial: A roadway that generally carries vehicular traffic to and from the residential neighborhood. In West Hollywood these also often carry regional and local traffic seeking alternative routes to avoid congestion.
- Major Arterial: A roadway that primarily serves regional as well as local vehicular traffic along commercial corridors.

The following roadways have been identified in this Traffic Study based on their proximity to the Proposed Project and project trip assignment and project trip distribution.

Table 2.1-1 – Roadway Classifications

Roadway	Classifications
Sunset Blvd.	Major Arterial
Doheny Rd.	Minor Arterial
Cory Ave.	Local/Residential Street
Phyllis St.	Local/Residential Street
Carol Dr.	Local/Residential Street

Sunset Blvd. is a designated major arterial roadway that runs in the east-west direction and abuts the Project Site to the north of it. It provides regional access to the Project Site, with four travel lanes, two in each direction, and left-turn lanes in each direction. Metered two-hour and 4-hour parking, prohibited on weekdays between 4:00 AM and 7:00 AM, is generally provided on both sides of the street within the project vicinity.

Doheny Rd. is a designated minor arterial roadway that has two segments within the project vicinity and provides local and sub-regional access to the Project Site. It begins in the east-west direction just west of the Cory Ave. / Sunset Blvd. / Doheny Rd. intersection just northwest of the Project Site. The roadway segment generally includes two travel lanes, one in each direction. Unmetered daytime parking (parking permits exempt) is generally available on both sides of the street further west of the intersection.

Cory Ave. is a designated local/residential roadway that runs in the north-south direction and abuts the Project Site to the west of it. It provides local access to the Project Site, with two travel lanes, one in each direction. Metered and unmetered daytime parking (parking permits exempt from two-hour parking limits) is generally available on the east side.

Phyliss St. is a designated local/residential roadway that runs in the northwest-southeast direction approximately 0.1 miles south of the Project Site. It provides local access to the Project Site, with two travel lanes, one in each direction. Unmetered daytime parking (parking permits exempt from two-hour parking limits) is generally available on both sides of the street.

Carol Dr. is a designated local/residential roadway that runs in the north-south direction and provides access to the alley way on the east side of the Project Site. It provides local access to the Project Site, with two travel lanes, one in each direction. Unmetered daytime parking (parking permits exempt from two-hour parking limits) is generally available on both sides of the street.

2.2 Study Intersections

The following intersections have also been identified in this analysis. All study intersections are located in the City of West Hollywood.

Table 2.2-1 – Intersections

Intersection	Description
Cory Ave. / Sunset Blvd. / Doheny Rd.	Signalized Intersection
Carol Dr. / Sunset Blvd.	Unsignalized Intersection
Carol Dr. / Alley	Unsignalized Intersection
Cory Ave. / Phyllis St.	Unsignalized Intersection
Carol Dr. / Phyllis St.	Unsignalized Intersection
Cory Ave. / Project Driveway 1	Unsignalized Intersection
Project Driveway 2 / Alley	Unsignalized Intersection

2.3 Bus Transit

The Proposed Project vicinity is well served by public transit and is located in an area defined as a "transit priority area" under SB 743. Bus transit service in the vicinity of the Proposed Project is available along Sunset Blvd. via Metro Local Line 302 – Line 2, which includes stops at the intersection of Cory Ave. / Sunset Blvd. / Doheny Rd.

2.4 Bicycle Routes

Bicycling is permitted along Sunset Blvd. and the surrounding local roadways but are not denoted with pavement markings or striping such as bicycle sharrows, lanes, or signed routes within the Proposed Project vicinity.

3.0 Project Site

The Proposed Project, 9160-9176 Sunset Boulevard Commercial Project, is located at 9160 to 9176 Sunset Boulevard in the City of West Hollywood, California. The project site is located on the south side of Sunset Boulevard, between Carol Drive and Cory Avenue.

3.1 Existing Site

The entire 18,608-square-foot (approximately 0.43 acre) project site is developed with an automotive dealership that closed permanently in May 2021. The car dealership consists of a two-story building and surface parking.

3.2 Proposed Project

The project site comprises three contiguous lots located on the south side of Sunset Boulevard. The proposed project consists of the development of a five-story, approximately 52,999-square-foot building with office and high turnover restaurant uses on the first floor and exclusively office uses on the second, third, fourth and fifth floors. The project would provide a total of 36,920 square feet of office space and 7,892 square feet of space for restaurant uses. The restaurant uses on the ground floor would also include provision of an additional 350 square feet of open space for outdoor dining use.

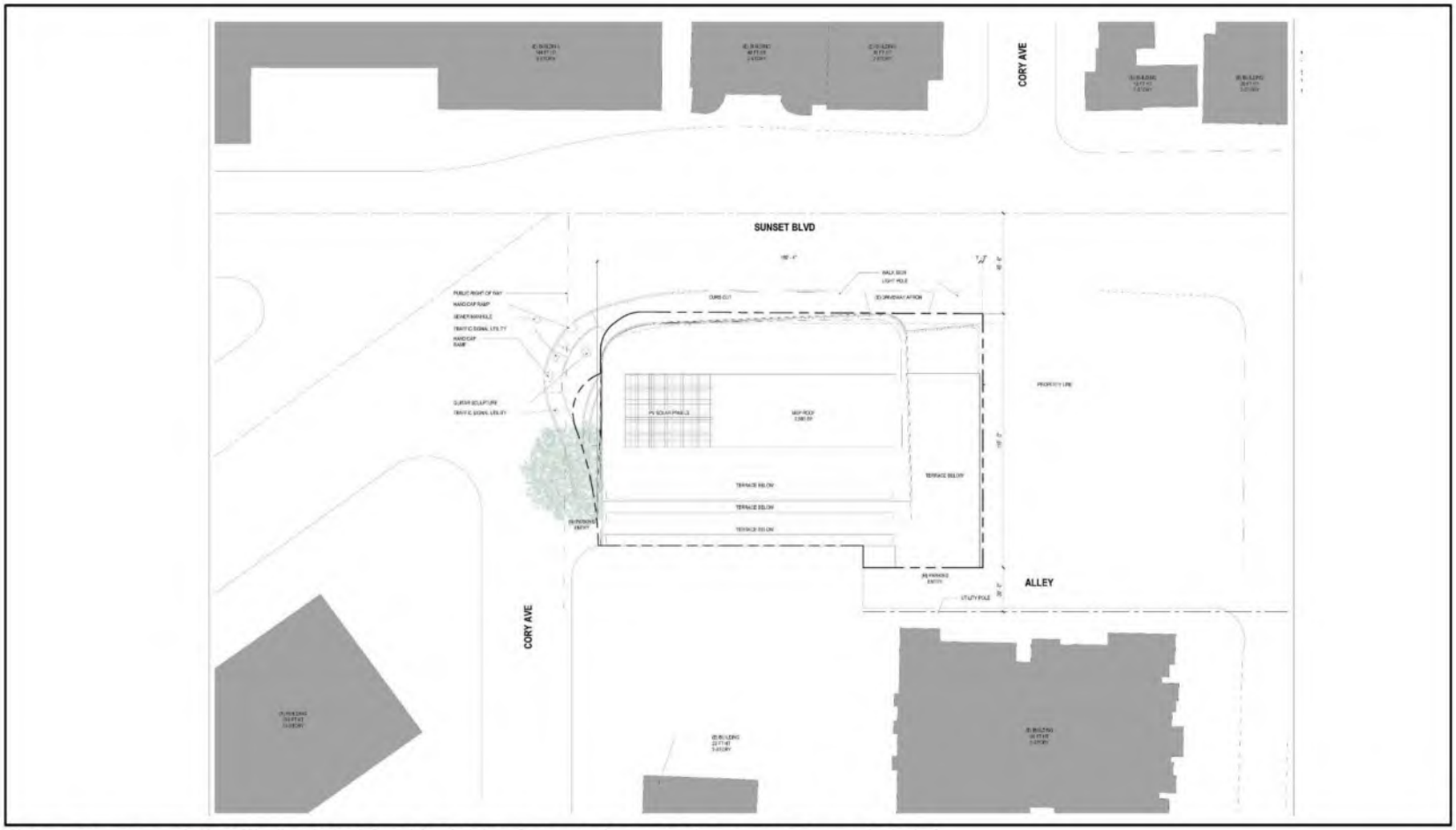
The project would provide approximately 86 vehicle parking spaces including 2 ride sharing spaces, plus 2 loading spaces, and 10 bicycle parking spaces in a three-level underground parking structure, in addition to 6 bicycle parking spaces on the ground level. The proposed project parking will also include 20 electrical vehicle compatible stalls.

The proposed new building would include approximately 52,999 square feet of floor area on a 18,608-square foot project site, resulting in a FAR of approximately 2.85 to 1.

Vehicular ingress and egress would be from Cory Avenue to the west; and via an existing alley from Carol Drive east of the site to the entrance to the proposed ramp in the southwest corner of the site down to the proposed underground parking structure. Pedestrian access would be from Sunset Boulevard on the north side of the site and Cory Avenue on the west side of the site.

The Proposed Project site plan is presented in **Figure 3.2-1**. The Proposed Level 1 floor plan is presented in **Figure 3.2-2**. The Proposed Building Section is presented in **Figure 3.2-3**.

Figure 3.2-1 – Proposed Site Plan



Disclaimer: Illustration provided by JBC/Gensler, who has indicated that the information is true and correct. No other warranties are expressed or implied.

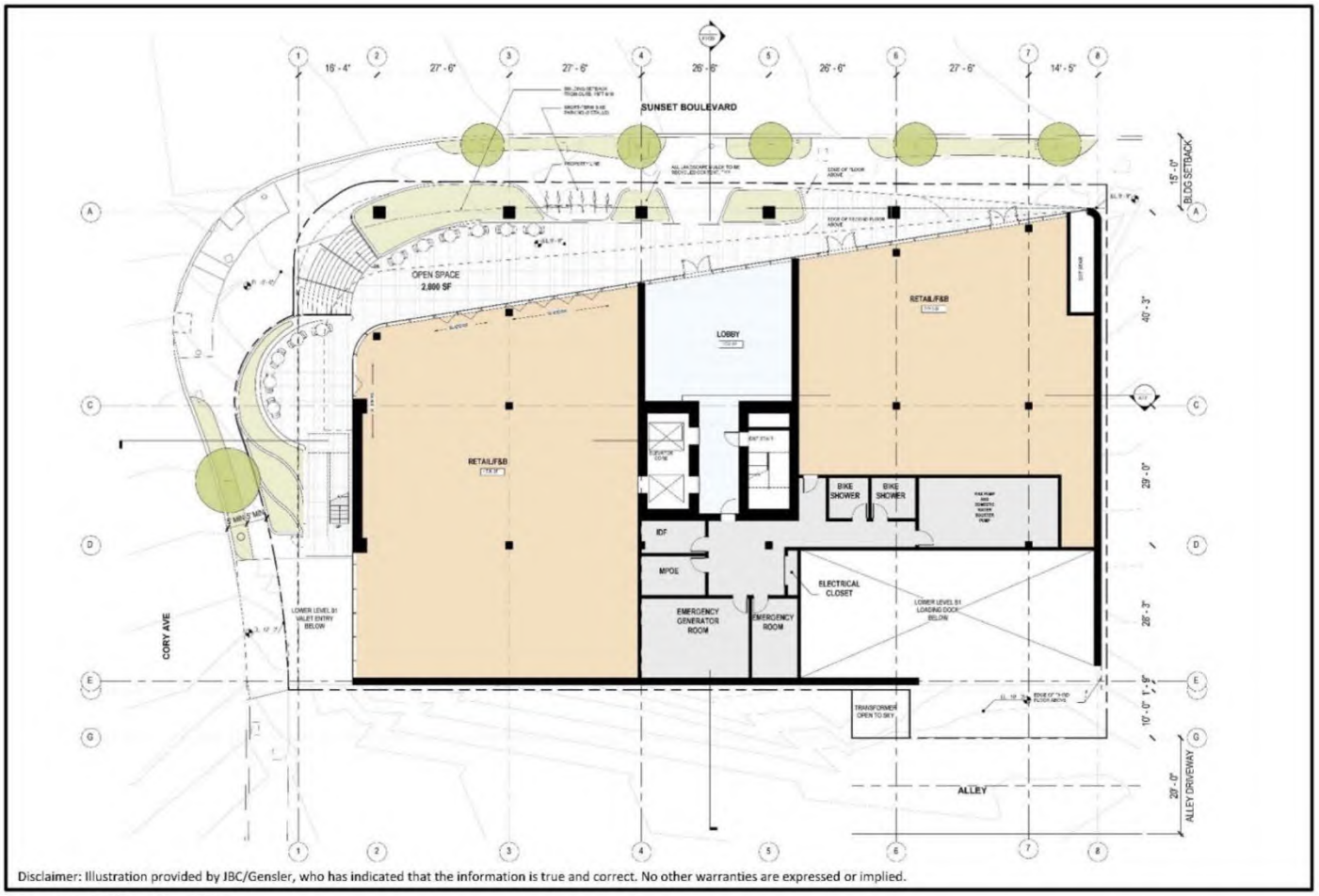
Sources: JBC/Gensler, 2020.

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9160-9176 Sunset Boulevard Commercial Project

Proposed Site Plan

Figure 3.2-2 – Proposed Level 1 Floor Plan



Disclaimer: Illustration provided by JBC/Gensler, who has indicated that the information is true and correct. No other warranties are expressed or implied.

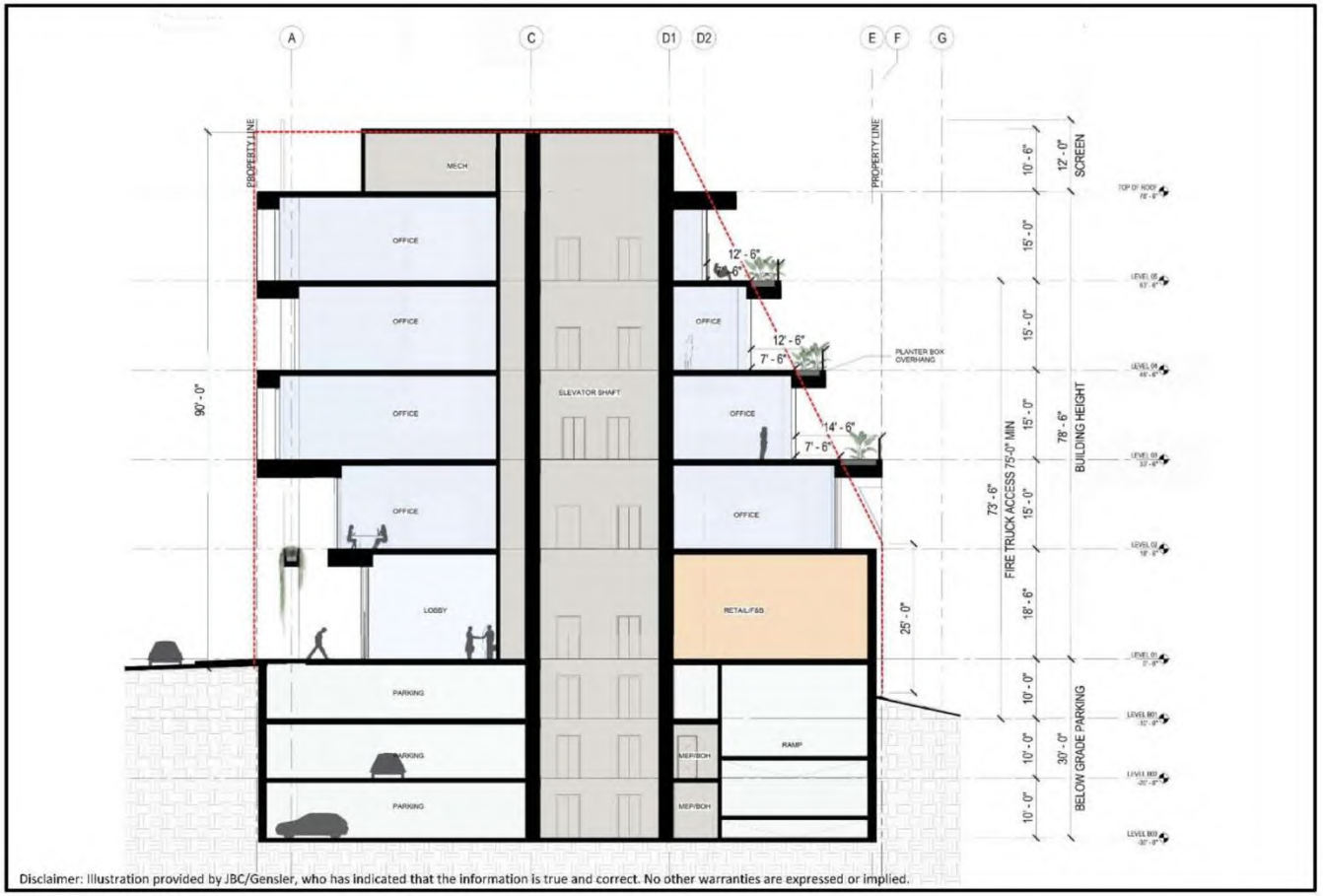
Sources: JBC/Gensler, 2020.

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Level 1 Floor Plan

Figure 3.2-3 – Proposed Building Section



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Sources: JBC/Gensler, 2021.

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9160-9176 Sunset Boulevard Commercial Project

Building Section

3.0 Vehicle Miles Traveled (VMT)

The California Environmental Quality Act (CEQA) was adopted in 1970 and incorporated in the Public Resources Code §21000-21177. Its basic purposes are to inform governmental decision makers and the public about the potential significant environmental effects of proposed activities; identify ways that environmental damage can be avoided or significantly reduced, require changes in projects through the use of alternatives or mitigation measures when feasible; and disclose to the public the reasons why a project was approved if significant environmental effects are involved.

SB 743 fundamentally changes how traffic impacts are measured under the State's updated CEQA guidelines. A goal of the law was to help California combat climate change by reducing greenhouse gas emissions related to transportation, by developing traffic impact guidelines and metrics that encourage compact, infill, mixed-use development in urban areas served by public transit and other alternative modes of transportation.

To this end, SB 743 mandates that cities replace traffic impact analysis metric Level of Service (LOS) with VMT. On November 16, 2020, West Hollywood City Council adopted new metrics and thresholds to be compliant with SB 743 and the City of West Hollywood Traffic Impact Analysis Guidelines (City Guidelines) were finalized in April 2021.

3.1 VMT Analysis

Consistent with SB 743 and City Guidelines related to high quality transit corridors, this project is presumed to have a less than significant transportation impact due to the proximity of Sunset Blvd., which is designated as a high-quality transit corridor throughout the City, and the following City Guideline requirements:

1. The project has a Floor Area Ratio (FAR) of approximately 2.85.

2. Per the City's Municipal Code Section 19.28.040, the proposed development is required to provide 70 vehicle parking spaces plus 2 loading spaces for the office uses and 29 parking spaces for restaurant and outdoor dining uses. Therefore, the project is required to provide a total of 99 parking spaces, plus 2 loading spaces. The proposed project would provide 70 vehicular parking spaces plus 2 loading spaces for office use and 15 parking spaces for restaurant use through a voluntary 50 percent reduction in minimum parking requirement for secondary use spaces including restaurant/retail use, permitted under the City's Municipal Code Section 19.28.060. Therefore, the project would provide a total of 86 parking spaces (including 2 ride sharing and 20 EV charging spaces), plus 2 loading spaces. Therefore, the project would not develop more than the required minimum number of parking spaces.

3. The proposed project is consistent with *Connect SOCAL*, the Southern California Association of Governments' (SCAG) regional transportation plan and sustainable communities. The project:

a. Promotes the redevelopment of existing underperforming nonresidential developments
b. Facilitates multimodal access to work with bicycle parking and bicycle lockers on-site
c. Increases amenities in the existing neighborhood
d. Promotes low emission infrastructure by accommodating electric vehicle charging stations on-site

4. The project does not replace affordable residential units with fewer affordable residential units, moderate-income residential units, or high-income residential units.
5. The project should not have a significant regional draw based on the usages assigned to the site. The site hosts usages of a restaurant and office space. Given the setting of the project along a high-quality corridor, the project will attract a percentage of pass-by trips from motorists who already regularly use Sunset Blvd. The project also does not fit the City's definition for regional draw such as a commercial site requiring specialized workforce for movie production studios.

4.0 Project Trip Generation

Trip generation of the proposed site is based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition.

The proposed site plan designates the following usages. The following ITE Usage Codes were assigned to each usage:

- 36,920 SF Office Space (ITE Usage Code – 710 – General Office Building)
- 7,892 SF Retail/Restaurant (ITE Usage Code – 932 – High-Turnover (Sit-Down) Restaurant)

For a conservative analysis, ITE Usage Code – 932 – High-Turnover (Sit-Down) Restaurant was selected for trip generation. The trip generation does not include internal capture or pass-by trip credits to provide for a conservative analysis.

Table 4.0-1 – Project Trip Generation

			AM Peak Hour of Adjacent Street			PM Peak Hour of Adjacent Street			Average Daily Traffic (ADT)
ITE Usage Code – 710 – General Office Building			**In**	**Out**	**Total**	**In**	**Out**	**Total**	**Total**
Rates	36,920	GFA[1]	1.00	0.16	1.16	0.18	0.97	1.15	9.74
		Trips	*37*	*6*	*43*	*7*	*36*	*43*	*360*
ITE Usage Code – 932 – High-Turnover (Sit Down) Restaurant			**In**	**Out**	**Total**	**In**	**Out**	**Total**	**Total**

Rates	7,892	GFA[1]	5.47	4.47	9.94	6.06	3.71	9.77	112.18
		Trips	*43*	*35*	*78*	*48*	*29*	*77*	*885*
		TOTAL TRIPS	***80***	***41***	***121***	***55***	***65***	***120***	***1,245***

[1]GFA = Gross Floor Area
Remaining areas such as back of house (BOH), mechanical, electrical, plumbing, core, and shafts are not included for the trip generation.

5.0 Project Trip Distribution and Assignment

The trip distribution is based on the local roadway network in the proximity of the project and access to the I-101 and I-405 Freeways as well as Los Angeles to the south. Project trips are mainly distributed to major arterial Sunset Blvd. and minor arterial Doheny Dr. to the south. The project trip distribution and trip assignment are presented in **Figure 5.0-1** and **Figure 5.0-2** respectively.

6.0 Residential Street Analysis

For informational purposes, the residential street analysis identifies the effects of the Proposed Project on residential street segments. Carol Dr., Cory Ave., and Phyllis St. are residential streets that accommodate project trips to and from Sunset Blvd. and Doheny Dr. to the south. 60% of project trips are distributed north of these residential streets onto Sunset Blvd., a high transit priority corridor. The remaining 40% of project trips are distributed south of the Project Site with 30% of trips along Cory Ave., 10% along Carol Dr., and 40% along Phyllis St. This distribution is conservative in assigning vehicles to the residential streets to the south.

6.1 Residential Trip Assignment

Table 6.0-1 – Residential Street Trip Assignment provides a summary of project trips along Carol Dr., Cory Ave., and Phyllis St. for the AM Peak Hour, PM Peak, and Average Daily Trips (ADT) scenarios.

Table 6.0-1 Residential Street Trip Assignment

	AM Peak Hour	PM Peak Hour	ADT
Carol Dr.	13	14	125
Cory Ave.	27	37	374
Phyllis St.	50	50	499

The AM Peak Hour is considered a 60-minute period during weekday mornings between 7:00 AM to 9:00 AM. The PM Peak Hour is considered a typical 60-minute period during weekday evenings between 4:00 PM to 6:00 PM. The peak hours represent the time periods of the day with the heaviest traffic volumes during a 24-hour cycle. Based on the trip assignment the maximum number of vehicles along residential streets occurs along Phyllis St. which then filters motorists to the Proposed Project driveways accessed from Carol Dr. and Cory Ave., respectively.

Figure 5.0-1 – Project Trip Distribution

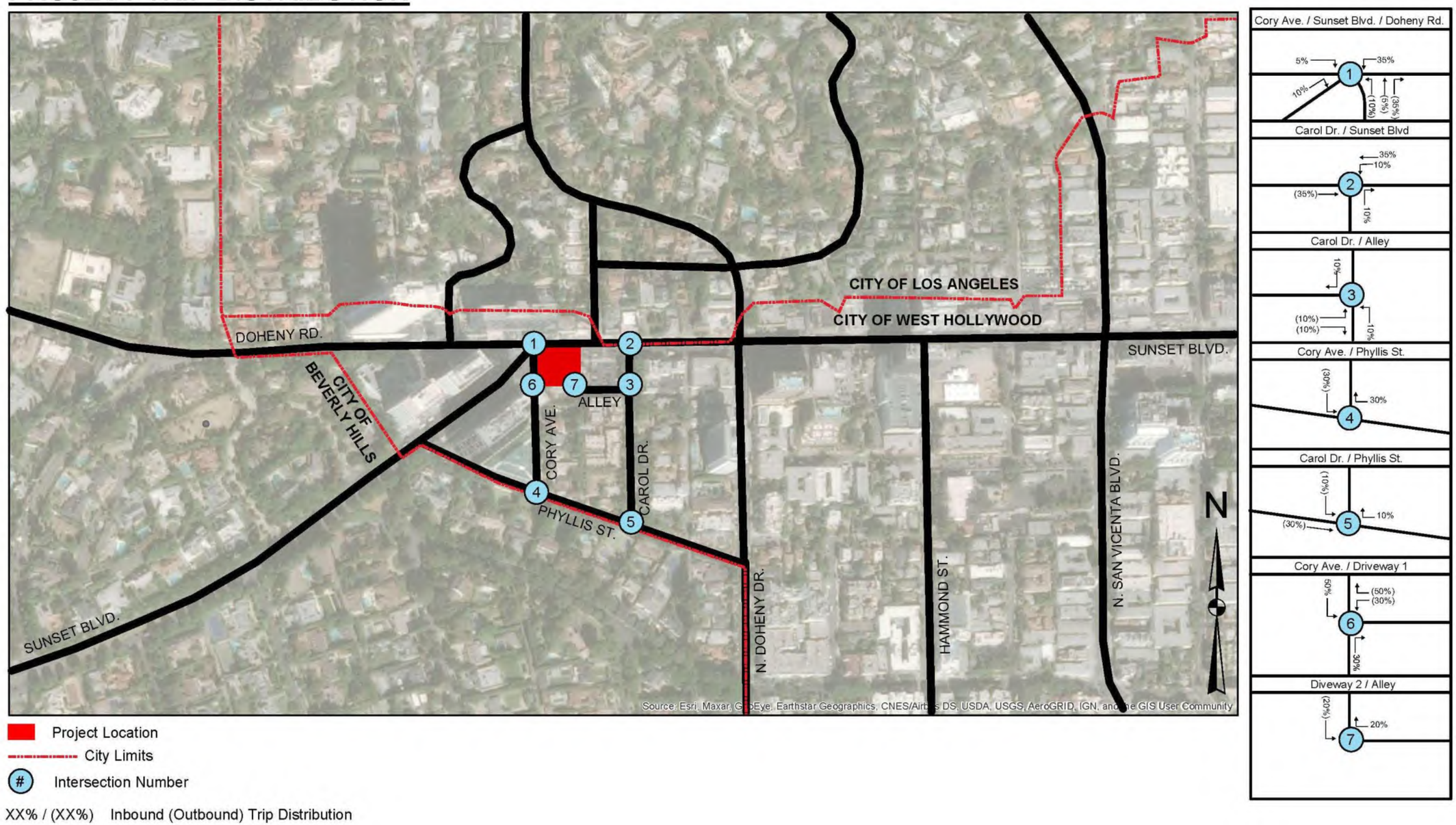


Figure 5.0-2 – Project Trip Assignment



Based on the trip assignment, the Proposed Project will generate less than one vehicle trip per minute along residential streets during the heaviest traffic hours of the day. Outside of the peak hours, the Proposed Project is estimated to generate a maximum total of 399 vehicle trips on residential roadways for the remainder of a typical weekday based on the trip assignment. Assuming typical hours of operation for the Project Site (ie. 8:00 AM – 8:00 PM), this amounts to an average of approximately 40 vehicle trips per hour for the remaining 10-hours of site operation. This number of trips is less than one-vehicle per minute along residential streets for the remainder of the day. Given the function of the residential streets and the lower existing and future traffic volumes they service, the project will not conflict with existing traffic demands along residential streets.

7.0 Site Plan Review and Analysis

Site plan review and analysis are required for informational purposes and to contribute to the CEQA determination related to consistency with Programs, Plans, Ordinances, and Policies, identification of any project-related geometric hazards, and identification of adequate emergency access. **Figure 7.0-1 – Pedestrian, Bicyclist, Motorist and Parking Diagram** represents the Project Site's interaction with the vicinity surrounding the project.

7.1 Pedestrians and Bicyclists

The Proposed Project accommodates the City of West Hollywood's goals as outlined in the Pedestrian and Bicycle Master Plan.

While there are no designated bicycle routes or lanes in the vicinity of the Project Site, the Proposed Project provides short- and long-term bicycle parking for employees and visitors. The proposed conceptual site plan parking structure also includes bicycle lane direct access travel paths to minimize conflicts with motorist within the Project Site.

With respect to pedestrian facilities, the Proposed Project will incorporate a landscaping to enhance the pedestrian experience and preserve existing sidewalks along the Proposed Project's frontage.

Construction

Sidewalks adjacent to the Project Site along Sunset Blvd. and Cory Ave. may temporarily be impacted due to Project construction. Implementation of a Construction Management Plan will require safety precautions for pedestrians and bicyclists through such measures as alternate routing and protection barriers, as appropriate.

7.2 Parking

Pursuant to Public Resources Code Section 21099(d)(1), the Proposed Project is an employment center project within a transit priority area and parking impacts shall not be considered significant.

Per the City's Municipal Code Section 19.28.040, the proposed development is required to provide 70 vehicle parking spaces plus 2 loading spaces for the office uses and 29 parking

spaces for restaurant and outdoor dining uses. Therefore, the project is required to provide a total of 99 parking spaces, plus 2 loading spaces.

The proposed project would provide 70 vehicular parking spaces plus 2 loading spaces for office use and 15 parking spaces for restaurant/retail use allowed through a 50 percent reduction in minimum parking requirement for secondary use spaces including restaurant/retail use, permitted under the City's Municipal Code Section 19.28.060. Therefore, the project would provide a total of 86 parking spaces (including 2 ride sharing and 20 EV charging spaces), plus 2 loading spaces. The project would also provide 16 bicycle parking spaces.

The Proposed Project would provide adequate parking per the City's requirements. On-street parking will not be impacted by the project.

7.3 Emergency Access

Access to the Project Site is provided primarily via a driveway entrance on Cory Ave. as well as a second driveway entrance at the alley on the southeast side of the Project Site. Emergency vehicles would be able to temporarily park along the curbs of Cory Ave. and within the alley away from traffic. The Proposed Project is not anticipated to include permanent lane or street closures that would impede emergency access to nearby properties.

7.4 Climate

The Proposed Project is consistent with *Connect SOCAL*, the Southern California Association of Governments' (SCAG) regional transportation plan and sustainable communities. The project:

1. Promotes the redevelopment of existing underperforming nonresidential developments
2. Facilitates multimodal access to work with bicycle parking and bicycle lockers on-site
3. Increases amenities in the existing neighborhood
4. Promotes low emission infrastructure by accommodating electric vehicle charging stations on-site

The Proposed Project also incorporates mixed-usages along Sunset Blvd., a high quality transit corridor. This reduces greenhouse gas emissions by centralizing various usages at one location.

8.0 Driveway Analysis

The Proposed Project includes two driveway accesses along Cory Ave. and the alley on the southeast side of the project.

8.1 Cory Ave. Driveway

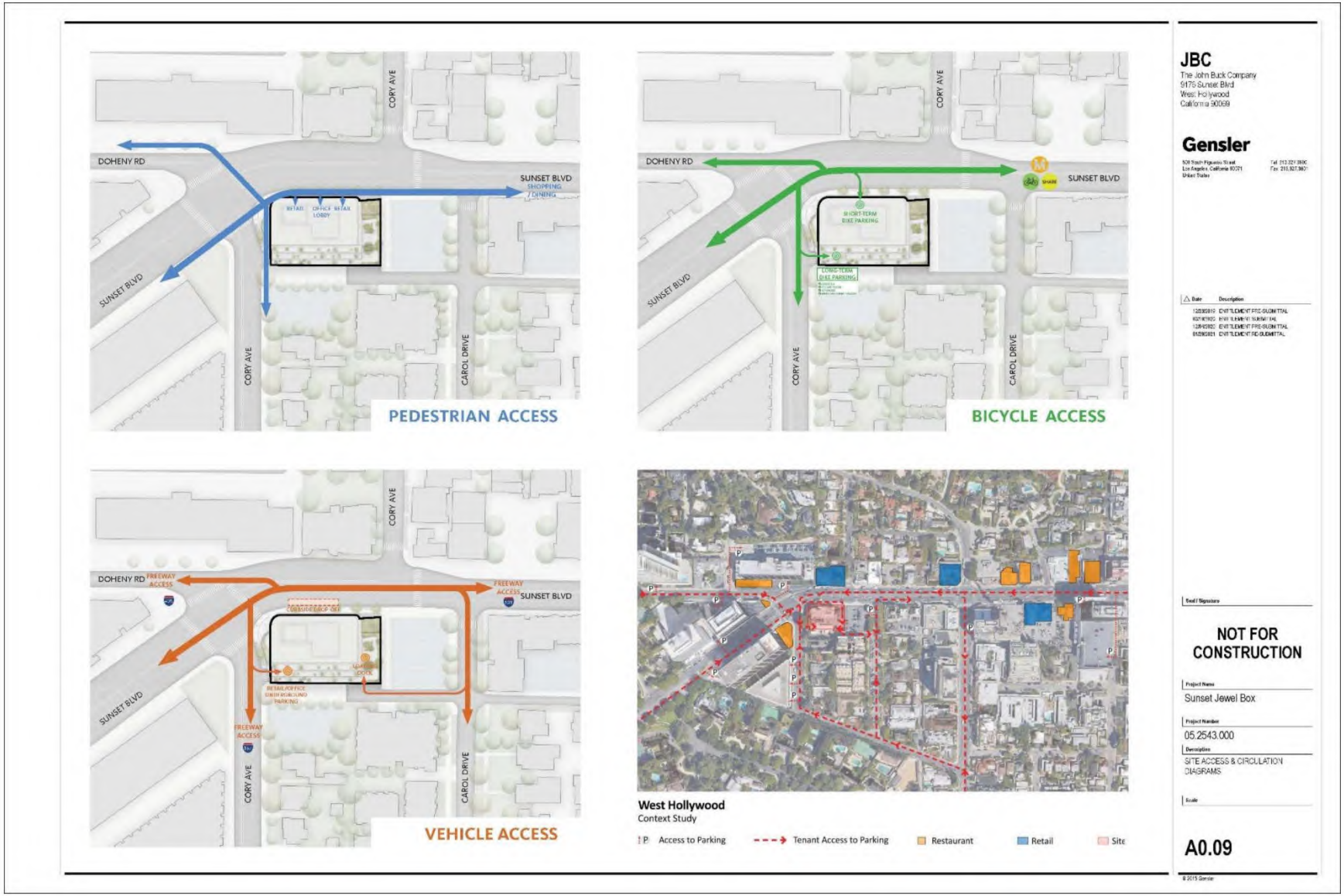
The Proposed Project's driveway along Cory Ave. is located in the same vicinity at the southwest corner of the lot as the existing access point. The driveway is located less than 75-

feet south of the Cory Ave. / Sunset Blvd. / Doheny Rd. intersection. The northbound approach of this intersection, along Cory Ave., include designated left-turn and right-turn pockets that extend further south beyond the proposed driveway. While Cory Ave. is designated as a residential street with low traffic volumes, a keep-clear zone at the driveway access point may be considered to minimize potential conflicts with queuing in the northbound Cory Ave. intersection approach as deemed appropriate. Based on the trip assignment, a maximum of 20-project trips per hour will make a left-turn out of the driveway during peak hour periods of traffic.

8.2 Alley Driveway

A second driveway is proposed to be located at the alley way off of Carol Dr. to on the southeast corner of the project site. The alleyway will have minimal conflicting traffic and will mainly service access to the Proposed Site.

Figure 7.0-1 – Pedestrian, Bicyclist, Motorist and Parking Diagram



9.0 Conclusion

The Proposed Project, 9160-9176 Sunset Boulevard Commercial Project, is located at 9160 to 9176 Sunset Boulevard in the City of West Hollywood, California. The project site is located on the south side of Sunset Boulevard, between Carol Drive and Cory Avenue. The Proposed Project site will replace an automotive dealership that closed permanently in May 2021.

The proposed project consists of the development of a five-story, approximately 52,999-square-foot building with office and high turnover restaurant uses on the first floor and office uses on the second, third, fourth and fifth floors. The project would provide 86 vehicle parking spaces including 2 ride sharing spaces and 20 EV charging spaces, plus two loading spaces and 10 bicycle parking spaces in a three-level underground parking structure, in addition to 6 bicycle parking spaces on the ground level.

Based on the project trip generation, distribution, and assignment along residential streets, there will be minimal conflict with existing traffic along the residential streets due to the lower volumes of traffic along the local streets in comparison to the majority of project trips which will be distributed to Sunset Blvd. This analysis distributed a conservative number of trips along Phyllis Avenue to the south of the project.

Due to the proximity of the Proposed Project's driveway along Cory Ave. to the Cory Ave. / Sunset Blvd. / Doheny Rd. intersection, a keep-clear zone at the driveway access point may be considered to reduce conflicts with potential northbound queuing along Cory Ave. for motorists making a left-turn out of the driveway.

Consistent with SB 743 and the City's Traffic Impact Analysis Guidelines, this project is presumed to have a less than significant VMT impact due to the proximity of Sunset Blvd., which is designated as a high-quality transit corridor throughout the City.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Demolition	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40	80		50	0
Excavator	No	40	85		50	0
Front End Loader	No	40	80		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Backhoe	80	76
Excavator	85	81
Front End Loader	80	76
Total	**85**	**83.1**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Site Preparation	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40	85		50	0
Grader	No	40	85		50	0
Tractor	No	40	84		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Excavator	85	81
Grader	85	81
Tractor	84	80
Total	**85**	**85.5**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Grading	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40	80		50	0
Excavator	No	40	85		50	0
Slurry Trenching Machine	No	50	82		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Backhoe	80	76
Excavator	85	81
Slurry Trenching Machine	82	79
Total	**85**	**83.9**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Paving	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20	85		50	0
Paver	No	50	85		50	0
Water Jet deleading	No	20	85		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Man Lift	85	78
Paver	85	82
Water Jet deleading	85	78
Total	**85**	**84.5**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Building Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16	85		50	0
Front End Loader	No	40	80		50	0
Slurry Trenching Machine	No	50	82		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Crane	85	77
Front End Loader	80	76
Slurry Trenching Machine	82	79
Total	**85**	**82.3**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Architectural Coating	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40	84		50	0
Man Lift	No	20	85		50	0
Water Jet deleading	No	20	85		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Dump Truck	84	80
Man Lift	85	78
Water Jet deleading	85	78
Total	**85**	**83.6**

*Calculated Lmax is the Loudest value.

Report date: 11/10/2025
Case Description: 9160-9176 Sunset Blvd

Phase	Land Use	Daytime	Evening	Night
Nighttime Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40	85		50	0
Crane	No	16	85		50	0
Pumps	No	50	77		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Concrete Mixer Truck	85	81
Crane	85	77
Pumps	77	74
Total	**85**	**83.1**

*Calculated Lmax is the Loudest value.

MEMORANDUM

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To:	City of West Hollywood	Date:	August 27, 2025
From:	Daniel A. Kloos, P.E. Jason A. Shender, AICP Linscott, Law & Greenspan, Engineers	LLG Ref:	1-25-4712-1
Subject:	**Trip Generation Assessment for the Proposed 9160-9176 Sunset Boulevard Project**		

This memorandum has been prepared by Linscott, Law & Greenspan, Engineers ("LLG") to provide a Trip Generation Assessment for the proposed office project ("Project") located at 9160-9176 Sunset Boulevard ("Project Site") in the City of West Hollywood ("City").

A traffic study[1] ("2022 Traffic Study") was prepared in accordance with the City's Transportation Study Guidelines[2] ("Guidelines") to evaluate the Project's transportation impacts under the California Environmental Quality Act ("CEQA"). In addition, the 2022 Traffic Study includes a non-CEQA driveway and circulation analysis. The 2022 Traffic Study is included as an appendix to the Draft Environmental Impact Report[3] ("DEIR") for the Project, which was circulated for public review and comment.

The development analyzed in the 2022 Traffic Study included a five-story, 52,999 square-foot mixed-use building comprised of 45,107 square feet of office floor area [inclusive of 8,187 square feet of elevator shafts, halls, service and mechanical equipment rooms, and stairways ("BOH/MEP/Core + Shafts")] and 7,892 square feet of high-turnover restaurant floor area.

It is understood that the DEIR for the Project will be recirculated for public review and comment. No changes to the Project's floor areas are proposed in conjunction with the recirculation of the DEIR. This Trip Generation Assessment has been prepared to address the following items:

- Updated Trip Generation Forecast. The trip generation forecast included in the 2022 Traffic Study was based on the following uses and floor areas:
  - Office: 36,920 square feet
  - High-Turnover Restaurant: 7,892 square feet

  While the Project's proposed floor area has not changed, the trip generation forecast in the 2022 Traffic Study did not account for the 8,187 square feet of BOH/MEP/Core + Shafts area. While such areas are not typically associated with additional vehicle trips beyond the primary uses, it is generally standard to input

[1] *Transportation Study for the Sunset Blvd. Commercial Project,* Omar Sarsour, September 2022.
[2] *City of West Hollywood Transportation Study Guidelines,* City of West Hollywood, April 2021.
[3] *Environmental Impact Report for the 9160-9176 Sunset Boulevard Project,* City of West Hollywood, October 2022.

all floor area as defined by the local zoning ordinance to calculate daily trips. Accordingly, because BOH/MEP/Core + Shafts areas are included in the City's definition of gross floor area per Section 19.90.020(F) of the City's Municipal Code, this Trip Generation Assessment includes an updated trip generation forecast for the Project to account for the BOH/MEP/Core + Shafts area.

- Updated Trip Generation Rates. The trip generation forecast included in the 2022 Traffic Study was prepared using trip rates provided in the Institute of Transportation Engineers' ("ITE") *Trip Generation Manual,* 10th Edition.[4] Subsequent to the preparation of the 2022 Traffic Study, ITE released multiple updates of their *Trip Generation Manual* publication. This Trip Generation Assessment includes an updated trip generation forecast for the Project, prepared utilizing rates provided in the recently released ITE *Trip Generation Manual,* 12th Edition.[5]

Updated Project Trip Generation

The 2022 Traffic Study included a trip generation forecast for the Project and is included in Table 4.0-1 therein. The trip generation forecast included in the 2022 Traffic Study was prepared using trip rates provided in the ITE *Trip Generation Manual,* 10th Edition. Trip generation forecasts for the weekday morning ("AM") and afternoon ("PM") peak hours, as well as over a 24-hour daily basis were included in the 2022 Traffic Study. The trip generation forecast provided for the Project in Table 4.0-1 of the 2022 Traffic Study does not include the Project's 8,187 square feet of BOH/MEP/Core + Shafts area. In addition, the trip generation forecast provided for the Project in Table 4.0-1 of the 2022 Traffic Study does not include reductions for the prior use on the Project Site (an automotive dealership that closed permanently in May 2021), nor does it include internal capture or pass-by trip credits.

This updated forecast in this Trip Generation Assessment also does not include reductions for the prior use on the Project Site or internal capture or pass-by trip credits. However, as discussed above, the updated trip generation forecast has been revised to include the BOH/MEP/Core + Shafts area and utilizes rates provided in the ITE *Trip Generation Manual,* 12th Edition. The following trip generation rates were used to forecast the traffic volumes expected to be generated by the Project:

- Office: ITE Land Use Code 710 (General Office Building) trip generation average rates were used to forecast the traffic volumes expected to be generated by the office component of the Project (including the BOH/MEP/Core + Shafts area.

[4] Institute of Transportation Engineers, *Trip Generation Manual,* 10th Edition, Washington, D.C., 2017.
[5] Institute of Transportation Engineers, *Trip Generation Manual,* 12th Edition, Washington, D.C., 2025.

- Restaurant: ITE Land Use Code 932 (High-Turnover [Sit-Down] Restaurant) trip generation average rates were used to forecast the traffic volumes expected to be generated by the restaurant component of the Project.

The trip generation forecast for the Project is summarized in ***Table 1*** below.

Table 1
Project Trip Generation Rates and Forecast [A]

ITE Land Use Code / Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
Generation Rates:							
▪ 710: General Office Building (TE/1,000 GSF [B])	7.83	88%	12%	1.24	16%	84%	1.18
▪ 932: High-Turnover (Sit-Down) Restaurant (TE/1,000 GSF [B])	103.75	55%	45%	8.97	61%	39%	9.18
Project Generation Forecasts:							
▪ Office (45,107 GSF)	353	49	7	56	8	45	53
▪ Restaurant (7,892 GSF)	819	39	32	71	44	28	72
NET INCREASE DRIVEWAY TRIPS	**1,172**	**88**	**39**	**127**	**52**	**73**	**125**
NET DEIR PROJECT TRIPS [C]	**1,245**	**80**	**41**	**121**	**55**	**65**	**120**
NET DIFFERENCE (CURRENT PROJECT – DEIR PROJECT)	**(73)**	**8**	**(2)**	**6**	**(3)**	**8**	**5**

[A] Source: ITE *Trip Generation Manual,* 12th Edition, 2025.
[B] TE/1,000 GSF = Trip ends per 1,000 square feet of gross floor area.
[C] From Table 4.0-1 of 2022 Traffic Study

As presented in *Table 1*, the Project is expected to generate 127 new vehicle trips (88 inbound trips and 39 outbound trips) during the weekday AM peak hour. During the weekday PM peak hour, the Project is expected to generate 125 new vehicle trips (52 inbound trips and 73 outbound trips). Over a 24-hour period, the Project is forecasted to generate 1,172 new daily vehicle trip ends (approximately 586 inbound trips and 586 outbound trips) during a typical weekday.

Table 2 below compares the new weekday (daily, AM peak hour, and PM peak hour), trip generation for the Project as evaluated in the 2022 Traffic Study and in this Trip Generation Assessment.

Table 2
Trip Generation Comparison
2022 Traffic Study vs. 2025 Trip Generation Assessment

Period	2022 Traffic Study	2025 Trip Generation Assessment	Net Difference
Weekday Daily	1,245	1,172	-73
Weekday AM Peak Hour	121	127	6
Weekday PM Peak Hour	120	125	5

Conclusions

This memorandum provides a Trip Generation Assessment for the proposed office project located at 9160-9176 Sunset Boulevard in the City of West Hollywood. The conclusions of the Trip Generation Assessment are as follows:

- The trip generation forecast for the Project has been updated to: 1) include the 8,187 square feet of BOH/MEP/Core + Shafts area; and 2) utilize current ITE trip generation rates (12th Edition).

- The Project is expected to generate 127 new vehicle trips (88 inbound trips and 39 outbound trips) during the weekday AM peak hour. During the weekday PM peak hour, the Project is expected to generate 125 new vehicle trips (52 inbound trips and 73 outbound trips). Over a 24-hour period, the Project is forecasted to generate 1,172 new daily vehicle trip ends (approximately 586 inbound trips and 586 outbound trips) during a typical weekday.

- When compared to the trip generation forecast included in the 2022 Traffic Study, the Project is forecasted to generate 73 fewer weekday daily trips, six (6) additional weekday AM peak hour trips, and five (5) additional weekday PM peak hour trips.

cc: File