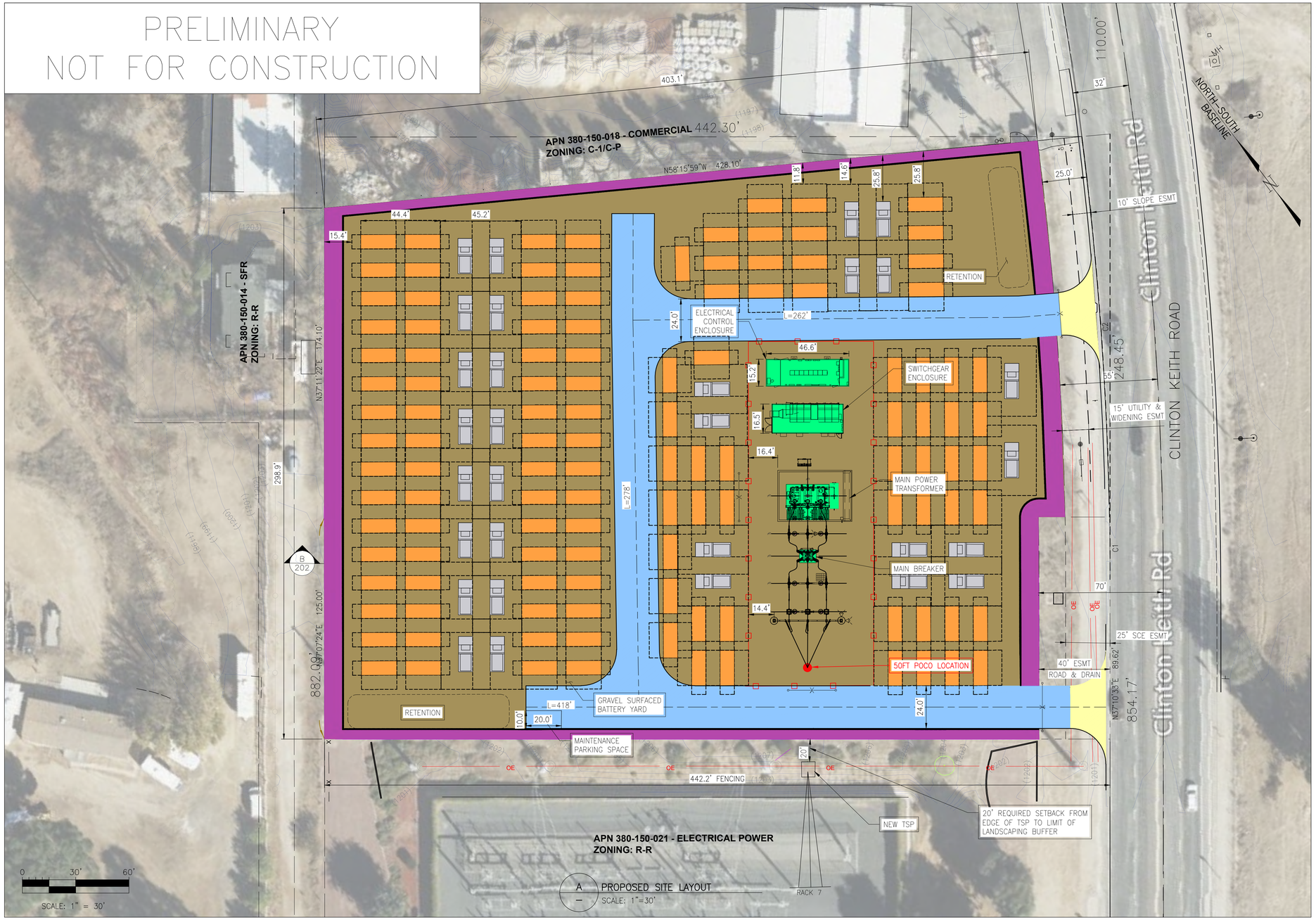
Appendix 1

Project Development Plans

PRELIMINARY
NOT FOR CONSTRUCTION



LEGEND

PROJECT AREA 2.83 ACRES

- 20' (TYP) — WORKING CLEARANCES
- CATL ENERC BATTERY (4073kWh) (QTY:120)
- SC4000UD-MV-US INVERTER (3.45MW) (QTY: 30)
- SECURITY FENCE
- PROPOSED ROAD EDGES
- EXISTING OVERHEAD ELECTRICAL
- PROPOSED ELECTRICAL CONNECTION
- ROAD CENTERLINE
- 26'-4" SLIDING ACCESS GATE (QTY:1)
- SECURITY WALL

- ALL WEATHER FIRE ACCESS
- GRAVEL BATTERY YARD
- CONCRETE DRIVEWAY
- VEGETATION YARD

1. METAL-CLAD SWITCHGEAR IS ASSUMED TO HAVE THE FOLLOWING: 10 FEEDER BREAKERS WITH 2-20MW FEEDERS FOR EACH BREAKER. TWO CUBICLES FOR STATION SERVICE. TWO CUBICLES FOR VOLTAGE TRANSFORMERS.
2. BATTERY SYSTEM SIZED UNDER FOLLOWING ASSUMPTIONS: NO AUGMENTATION; 80 MW IS INITIAL SIZE ONLY.
3. LAYOUT ASSUMES THAT THE EQUIPMENT AS SHOWN WILL BE PART OF THE FINAL DESIGN AND THAT THE TRANSMISSION LINE ENTRANCE INTO THE SUBSTATION WILL BE AS SHOWN.

OWNER:

APN 380-150-019
AJAY SINHA
TMN HOLDINGS, LLC
2201 N LAKEWOOD BLVD, D-185
LONG BEACH, CA 90815
t: 714 231 1000

APN 380-150-020
STANLEY SHE
40640 BACCARAT RD
TEMECULA, CA 92591
t:619.704.6170

ASSESSOR'S PARCEL NO:

380-150-019 & -020
CITY OF WILDOMAR
RIVERSIDE COUNTY, CA

ADDRESS:

NORTH OF CLINTON KEITH AVENUE
EAST OF GRAND AVENUE
CITY OF WILDOMAR
RIVERSIDE COUNTY, CA

ACREAGE:

APN 380-150-019
GROSS: 1.95 AC.
NET: 1.83 AC.

APN 380-150-020
GROSS: 1.27 AC.
NET: 1.15 AC.

TOTAL
GROSS: 3.22 AC.
NET: 2.98 AC.

APPLICANT / DEVELOPER:

HECATE GRID, LLC
621 W RANDOLPH STREET
CHICAGO, IL 30661

JAMES DAMON
t: 347.436.6808

REPRESENTATIVE:

STANTEC CONSULTING
290 CONEJO RIDGE AVE
THOUSAND OAKS, CA 91361

LINDSAY McDONOUGH
t: 805.341.7349

ZONING/LAND USE DATA:

EXISTING GENERAL PLAN: GENERAL COMMERCIAL
EXISTING ZONE: C-1/C-P
PROPOSED GENERAL PLAN: GENERAL COMMERCIAL
PROPOSED ZONE: C-1/C-P

LAND USE:

EXISTING: VACANT
PROPOSED: ENERGY SUBSTATION AND BESS

LOCAL UTILITIES

WATER/SEWER: ELSINORE VALLEY MUNICIPAL WATER DISTRICT (EVMWD)
GAS: SoCalGas
ELECTRIC: SOUTHERN CALIFORNIA EDISON (SCE)

EXHIBIT PREPARER

TONY ZAVANELLI
STANTEC CONSULTING
1340 TREAT BLVD #300
WALNUT CREEK, CA 94597
t: 925.980.0955

PROJECT NUMBER

PAR NO. 21-0108

LEGAL DESCRIPTION:

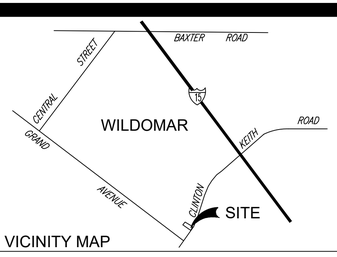
SEE SHEET 2 of 2

CURVE TABLE

NO.	RADIUS	DELTA	LENGTH
C1	1970.00'	01°01'19"	35.14'
C2	1970.00'	06°14'58"	214.87'

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
J TSP AND RETENTION UPDATE	ODR	LAM	23.06.19
I UPDATE UTILITY PROVIDERS	VAD	LAM	23.05.02
H Revised POI and Substation Orientation	VAD	LAM	23.04.13
G UPDATED BESS BLOCK	BEY		
F XXXX	ODR	XXX	XXX
E APPLIED SEAL	ODR	WAZ	22.06.23
D UPDATED TITLE BLOCK	ODR	LAM	22.03.18
C EXPANDED BOUNDARY TO INCLUDE APN 380-150-020	ODR	LAM	21.11.19
B ISSUED FOR PAR APPLICAITON	ODR	LAM	21.07.08
A PRE-FEASIBILITY ASSESSMENT	ODR	WAZ	21.06.18



VICINITY MAP

Consultants

REGISTERED PROFESSIONAL ENGINEER WILLIAM K. ZAVANELLI No. 24645 EXP. 9.30.2023 MECHANICAL STATE OF CALIFORNIA

Stantec

290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Client/Project
HECATE GRID LLC

CHIQUITO
PROPOSED BESS AND SUBSTATION
City of Wildomar, California

File Name: Chiquito_e200-rev-J	VAD Dwn.	ODR Chkd.	VAD Dsgn.	21.07.08 YY.MM.DD

Title
SITE PLAN - EAST OPTION

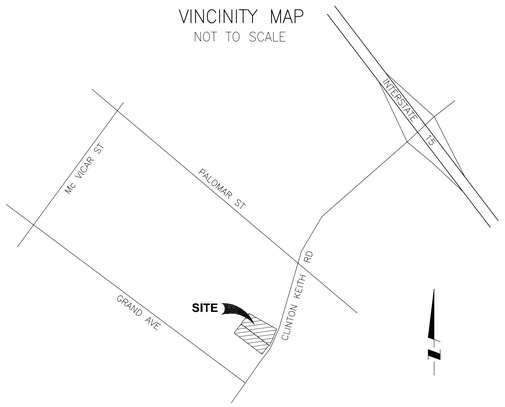
80 MW 4 HOUR POWIN

Project No.	Scale	
185805178	1"=30'	
Drawing No.	Sheet	Revision
E200	1 of 2	J

C:\Users\cmcurdy\OneDrive - Stantec\Documents\BESS Local Workspace\Chiquito\6-5-2023\chiquito_e200-rev-J.dwg
2023/06/19 11:14 PM By: Rcandrese, Ori

ORIGINAL SHEET - ANSI D

VINCINITY MAP
NOT TO SCALE



IN THE CITY OF WILDOMAR, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

CHIQUITO BATTERY STORAGE FACILITY

CONCEPTUAL GRADING/ DRAINAGE PLAN

PROJECT NO. 22-0026-0138

LEGEND:

- PROPERTY LINE
- EASEMENT
- 1205 PROPOSED CONTOUR
- EXISTING CONTOUR
- NEW BLOCK WALL
- NEW RETAINING BLOCK WALL
- NEW FENCE
- NEW ACCESS ROAD
- DAYLIGHT LINE

EARTHWORK ESTIMATES:

ESTIMATED TOTAL CUT: 5,590 CU YD
ESTIMATED TOTAL FILL: 1,545 CU YD
ESTIMATED TOTAL EXPORT: 4,045 CU YD

CONSTRUCTION NOTES

		QUANTITIES
1	CONSTRUCT 24' WIDE ALL-WEATHER FIRE ACCESS ROAD	19,600 SF
2	CONSTRUCT 6-FT HIGH BLOCK WALL.	520 LF
3	CONSTRUCT 6-FT HIGH RETAINING BLOCK WALL, 4'-0" MAX RETAINING HEIGHT.	830 LF
4	CONSTRUCT 24' WIDE DRIVEWAY PER RIVERSIDE COUNTY COMMERCIAL DRIVEWAY STD. 207A	2 EA
5	INSTALL 6" PERFORATED PVC UNDERDRAIN PIPE.	140 LF
6	INSTALL 12" PVC.	490 LF
7	INSTALL 15" RCP.	25 LF
8	INSTALL 18" RCP.	140 LF
9	CONSTRUCT JUNCTION STRUCTURE.	1 EA
10	CONSTRUCT CURB INLET, W=3.5'.	2 EA

LAND USE & ZONING INFORMATION

PROJECT SITE IS IN C-1/C-P (GENERAL COMMERCIAL) ZONE.

EASEMENTS

(1) AN EASEMENT TO SOUTHERN CALIFORNIA EDISON COMPANY FOR ELECTRICAL SYSTEMS AND COMMUNICATION SYSTEMS RECORDED APRIL 12, 1991 AS INSTRUMENT NO. 120469 OF OFFICIAL RECORDS.

(2) AN EASEMENT TO THE COUNTY OF RIVERSIDE FOR PUBLIC ROAD AND DRAINAGE PURPOSES, INCLUDING PUBLIC UTILITY AND PUBLIC SERVICES PURPOSES RECORDED JUNE 22, 1998 AS INSTRUMENT NO. 253765 OF OFFICIAL RECORDS.

(3) EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: COUNTY OF RIVERSIDE
PURPOSE: SLOPES
RECORDING DATE: JANUARY 22, 1970
RECORDING NO.: 6711, OFFICIAL RECORDS
AFFECTS: AS DESCRIBED THEREIN

(5) EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: SOUTHERN CALIFORNIA EDISON COMPANY
PURPOSE: PUBLIC UTILITIES
RECORDING DATE: SEPTEMBER 23, 1992
RECORDING NO.: 358320, OFFICIAL RECORDS
AFFECTS: AS DESCRIBED THEREIN
LIMITATIONS ON THE USE, BY THE OWNERS OF SAID LAND, OF THE EASEMENT AREA AS SET FORTH IN THE EASEMENT DOCUMENT SHOWN HEREINABOVE.
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.

(6) EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: COUNTY OF RIVERSIDE
PURPOSE: WIDENING CLINTON KEITH ROAD AND BRIDGE AT MURRIETA CREEK
RECORDING DATE: DECEMBER 9, 1998
RECORDING NO.: 535071, OFFICIAL RECORDS
AFFECTS: AS DESCRIBED THEREIN

GRAPHIC SCALE
20 0 20 40 80
(IN FEET)
1 inch = 20 ft.

NO.	DATE	REVISIONS	APPR.	DATE

DRAWN BY: VSYI DATE: 6/15/23
DESIGNED BY: VSYI DATE: 6/15/23
CHECKED BY: DW DATE: 6/15/23

PREPARED BY:
Stantec
9665 GRANITE RIDGE DRIVE, SUITE 220
SAN DIEGO, CA 92123
stantec.com
DALE A. WATSON R.C.E. 59808 (EXP.12/31/24)

BUILDER/OWNER/DEVELOPER:
CHIQUITO GRID, LLC.
621 W. RANDOLPH STREET
CHICAGO, IL 30661
CONTACT PERSON:
JAMES DAMON
JDamon@HecateEnergy.com

CHIQUITO PROPOSED BESS AND SUBSTATION
WILDOMAR, CA

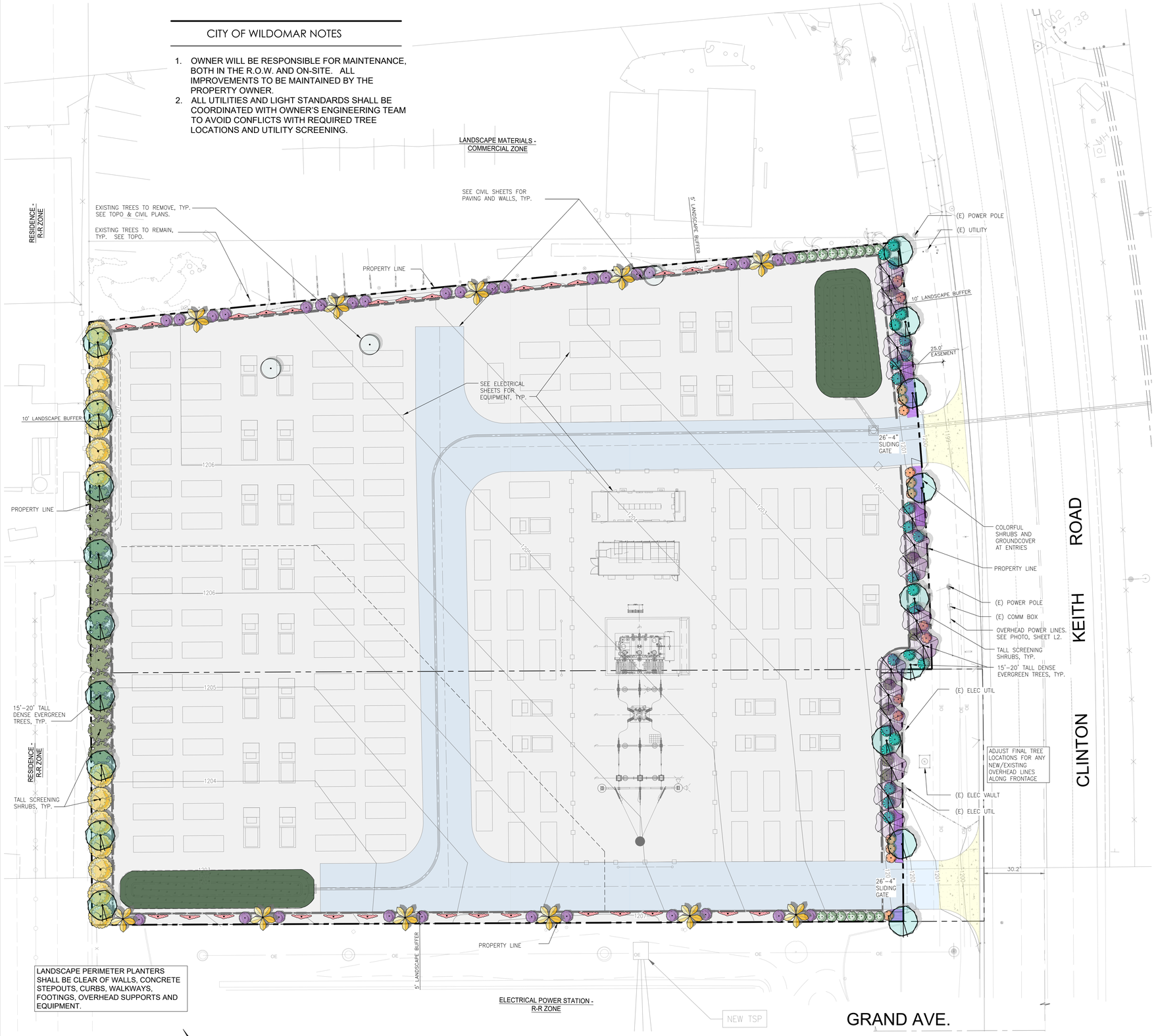
C-1 PRELIMINARY GRADING AND DRAINAGE PLAN

PLAN CHECK NO.
PROJECT NO. 22-0026-0138
SHEET 1 OF 1

JOB NO. 185805178

CITY OF WILDOMAR NOTES

1. OWNER WILL BE RESPONSIBLE FOR MAINTENANCE, BOTH IN THE R.O.W. AND ON-SITE. ALL IMPROVEMENTS TO BE MAINTAINED BY THE PROPERTY OWNER.
2. ALL UTILITIES AND LIGHT STANDARDS SHALL BE COORDINATED WITH OWNER'S ENGINEERING TEAM TO AVOID CONFLICTS WITH REQUIRED TREE LOCATIONS AND UTILITY SCREENING.



LANDSCAPE PERIMETER PLANTERS SHALL BE CLEAR OF WALLS, CONCRETE STEPOUTS, CURBS, WALKWAYS, FOOTINGS, OVERHEAD SUPPORTS AND EQUIPMENT.

GRAPHIC SCALE
20 0 20 40 80
(IN FEET)
1 inch = 20 ft.

PRELIMINARY LANDSCAPE SHEET INDEX

L1 PRELIMINARY LANDSCAPE PLAN
L2 LANDSCAPE NOTES AND CALCULATIONS
L3 MATERIALS BOARD

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X WIDTH	WATER USE	
	3	EXISTING TO REMOVE		EXISTING			
	15	GEIJERA PARVIFLORA, STANDARD (EVERGREEN)	AUSTRALIAN WILLOW - TREE FORM	15 GAL	20`X15`	LOW	
	16	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	15 GAL	15`X5`	LOW	
	18	LAURUS X 'SARATOGA' (EVERGREEN)	SARATOGA HYBRID LAUREL	15 GAL	20`X20`	LOW	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X WIDTH	WATER USE	
	7	FRANGULA CALIFORNICA 'EVE CASE' (EVERGREEN SCREENING SHRUB)	EVE CASE COFFEEBERRY	5 GAL	4`X6`	LOW	
	11	FREMONTODENDRON X 'PACIFIC SUNSET' (EVERGREEN)	PACIFIC SUNSET FLANNEL BUSH	15 GAL	12`X12`	LOW	
	12	GREVILLEA X 'RED HOOKS' (EVERGREEN SCREENING SHRUB)	RED HOOKS GREVILLEA	5 GAL	12`X12`	LOW	
	24	LEUCOPHYLLUM FRUTESCENS 'GREEN CLOUD' (EVERGREEN SCREENING SHRUB)	GREEN CLOUD TEXAS RANGER	5 GAL	6`X6`	LOW	
	14	PRUNUS ILICIFOLIA	HOLLYLEAF CHERRY	15 GAL	12`X12`	LOW	
	31	RHUS INTEGRIFOLIA (EVERGREEN)	LEMONADE BERRY	15 GAL	6`X6`	LOW	
	15	SALVIA GREGGII (EVERGREEN/DECIDUOUS FLOWERING ACCENT)	AUTUMN SAGE	1 GAL	2`X4`	LOW	
VINES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X WIDTH	WATER USE	
	28	MACFADYENA UNGUIS-CATI (MOSTLY EVERGREEN)	CAT'S CLAW CREEPER	5 GAL	6`X10`	LOW	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X WIDTH	WATER USE	SPACING
	3,603 SF	BIO-RETENTION BASIN JUNCUS PATENS, BOUTELOUA 'BLOND AMBITION', CHONDROPETALUM TECHTORUM, DESCHAMPSIA CESPITOSA, FESTUCA CALIFORNICA	GRASSES FOR BIO-RETENTION BASIN	1 GAL	-	LOW	30" o.c.
	829 SF	LANTANA MONTEDIVENSIS (EVERGREEN)	TRAILING LANTANA	1 GAL	1`X6`	LOW	36" o.c.

NET LOT: 2.98 ACRES
LANDSCAPE AREA: 12,620 SF

PARKING LOT: 0 SF
PARKING LOT TREES: 0

TURF: 0%

ALL NEW PLANTS ARE IN THE 'LOW WATER USE' HYDROZONE

CITY REQUIREMENTS
C-1/C-P GENERAL COMMERCIAL ZONE

- [x] 6' TALL DECORATIVE WALL AROUND PERIMETER
- [x] TREE SIZES SHOWN PER COUNTY OF RIVERSIDE CALIFORNIA FRIENDLY PLANT LIST
- [x] PLANT REQUIREMENTS: TREES - 15 GAL MIN, SHRUBS - 5 GALLON MIN. TREES SPECIES SHOULD BE LIMITED TO A DENSE STYLE THAT DOES NOT EXCEED 15-20 FEET IN HEIGHT.
- [x] WATER BUDGET PER RIVERSIDE COUNTY GUIDE TO TREES, SHRUBS AND GROUNDCOVERS OR COUNTY OF RIVERSIDE CALIFORNIA FRIENDLY PLANT LIST
- [x] (0) PARKING SPACES = SHADE PERCENT REQUIRED: 0%
- [x] MIN. 5' WIDE LANDSCAPE ON EXTERIOR OF ALL PERIMETER WALLS AND FENCES.
- [x] N.E. AND S.W. LANDSCAPE BUFFERS TO BE MIN 10' - PER CITY OF WILDOMAR.

SITE / POWER LEGEND

SEE SHEET L3 FOR EQUIPMENT PHOTOS AND DIMENSIONS

- CATL ENERC BATTERY (4073kWh)
- SC4000UD-MV-US INVERTER (3.45MW)
- FENCE
- PROPOSED ROAD EDGES
- EXISTING OVERHEAD ELECTRICAL
- PROPOSED ELECTRICAL CONNECTION
- ROAD CENTERLINE
- 6' TALL SECURITY WALL WITH SOLID GATES
- ALL WEATHER FIRE ACCESS
- GRAVEL BATTERY YARD
- CONCRETE DRIVEWAY

NO.	DATE	REVISIONS	APPR.	DATE

DRAWN BY: GAM DATE: 6/15/23
DESIGNED BY: GAM DATE: 6/15/23
CHECKED BY: MFR DATE: 3/1/22

PREPARED BY:
Stantec
9665 GRANITE RIDGE DRIVE, SUITE 220
SAN DIEGO, CA 92123
stantec.com

BUILDER:
HECATE GRID, LLC.
621 W. RANDOLPH STREET
CHICAGO, IL 30661

CHIQUITO PROPOSED BESS AND SUBSTATION
WILDOMAR, CA

PRELIMINARY LANDSCAPE PLAN

PLAN CHECK NO.
PERMIT NO.

SHEET 1 OF 3

JOB NO. 185805178

DRAWING: \\sandfs01-sgfed01\workgroup\185805178\Production\Design\Drawing\185805178 PLN.dwg PLOTTED: 6/15/2023 8:49 AM BY: Matthew, Gaylyn

PROPOSED PLANTS



GEIJERA



LAURUS 'SARATOGA'



JUNIPERUS



MACFADENYA



GREVILLEA



LEUCOPHYLLUM



PRUNUS



FREMONTEDENDRON



SALVIA



RHUS



LANTANA MONTEVIDENSIS



FRANGULA CALIFORNICA

EXISTING CONDITIONS



EXISTING SITE - VIEW FROM CLINTON KEITH AVENUE

WATER CONSERVATION CONCEPT

A COMBINATION OF SUB-SURFACE LOW FLOW DRIP, BUBBLERS, AND/OR LOW VOLUME HUNTER MP ROTATOR SPRAYS SHALL BE INSTALLED IN ALL PLANTERS.

PLANTS ARE GROUPED INTO "HYDROZONES" AND IRRIGATED SEPARATELY FROM THOSE WITH DIFFERENT WATER REQUIREMENTS.

IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A WEATHER TRACK CONTROLLER CAPABLE OF DUAL PROGRAMMING. FLOW SENSOR LEAK DETECTION AND AUTOMATIC SHUT-OFF TO BE PROVIDED AT POC.

GENERAL NOTES

1. ALL NEWLY PLANTED AREAS SHALL HAVE A 2" LAYER OF ORGANIC COMPOST ROTOTILLED TO A DEPTH OF 4" AND TOPDRESSED WITH 3/4" MINUS CRUSHED ROCK OR DECOMPOSED GRANITE WITH ORGANIC STABILIZER, TO A MIN. DEPTH OF 3". COLOR: TAN.
2. REFER TO ELECTRICAL AND CIVIL PLANS FOR DESCRIPTIONS OF ELEMENTS NOT IDENTIFIED ON THIS PLAN.
3. OBSERVE THE FOLLOWING MINIMUM SETBACK DISTANCES FOR TREE PLANTING :
   - BETWEEN STREET TREES = 30 FT.
   - DRIVEWAY CUTS = 10 FT.
   - FIRE HYDRANTS = 15 FT.
   - UTILITY BOXES, MANHOLE AND OTHER UTILITY VAULTS, TELEPHONE AND OTHER UTILITY POLES, GAS AND WATER METER, AND MAINS = 5 FT.
4. ALL SURFACE AND SUB-SURFACE SWALES, DRAINAGE STRUCTURES AND PATTERNS SHALL BE MAINTAINED.
5. A LICENSED LANDSCAPE MAINTENANCE CONTRACTOR WILL BE RETAINED TO PERFORM ROUTINE MAINTENANCE DUTIES.
6. LOCATIONS AND QUANTITIES OF EXISTING LANDSCAPE MATERIALS ARE APPROXIMATE.
7. PLANTER SOIL SHALL BE AMENDED AS DESCRIBED BY A LABORATORY SOIL ANALYSIS. ORGANIC COMPOST AND AMENDMENT TO BE USED.
8. LANDSCAPE CONSTRUCTION WASTE TO BE RECYCLED PER LOCAL CODES AND REQUIREMENTS.
9. NO PLANTS SELECTED REQUIRE SHEARING
10. OBTAIN ALL MATERIALS LOCALLY (WITHIN 50 MILES) AS POSSIBLE.
11. CONTRACTOR TO ARRANGE FOR CERTIFICATION AND AUDIT PER CITY REQUIREMENTS.
12. EROSION CONTROL MATTING TO BE USED ON ALL SLOPES 3:1 AND GREATER.

MAXIMUM APPLIED WATER ALLOWANCE **PROJECT #:** Wildomar

MAWA = (ETo) x (0.62) x [(0.45 x LA)+(0.55 x SLA)]

ETo**	50.10	ETo (inches/year)
Enter total project Landscaped Area	12,620.00	LA (square feet)
Enter Special Landscaped Area	0.00	SLA (square feet)
RESULTS:		
	176,401	MAWA (gallons/year)
	235.83	MAWA (100 CF/year)

** Eto Values derived from Appendix A of the CA Model Water Efficient Landscape Ordinance, CA Dept. of Water

MAWA Maximum applied water allowance (gallons per year)
Eto Reference Evapotranspiration (inches per year)
0.45 ET Adjustment Factor (ETAF) per AB1881
LA Planted landscaped area including SLA and not including hardscapes. Also include surface area of water features not
0.62 Conversion Factor (to gallons per square foot)
SLA Portion of the Landscaped Area identified as Special Landscaped Area. Also include surface area of water features using recycled
0.55 The additional ET Adjustment Factor for SLA (1.0 - 0.45 = 0.55)

ESTIMATED TOTAL WATER USE **PROJECT:** Wildomar

ETWU = (ETo) x (0.62) x [(PF x HA)/IE + SLA]

Irrigation Efficiency Value =	
Bubblers	0.81
Laser Tube (Drip)	0.81
Rotary / Rotor	0.75
Spray	0.75

MAWA=	172,599.11		Maximum Allowable Water Use
ETWU =	145,186		Estimated total water use per year
ETo =	50.10		Reference Evapotranspiration (inches per year)
PF =	See Table at Left		Plant Factor from WUCOLS* or equivalent reference
HA =	See Table Below		Hydrozone Area (square feet)
SLA =	0		Special Landscaped Area (square feet)
0.62 =			Conversion Factor (to gallons per square foot)
IE =	See Table at Left		Irrigation Efficiency (minimum 0.75)

Plant Water Use Type	Plant Factor		
Low	0.10	0.20	0.30
Moderate	0.40	0.50	0.60
High	0.70	0.80	0.90
SLA	1.00		

HYDROZONE TABLE

Hydrozone	Plant Water Use Type(s) (low, moderate, high)	Plant Factor (PF)	Irrigation Type	Hydrozone Area (HA) (sq ft)	PF x HA (sq ft)	ETWU 100 CF/ Year	ETWU Gallons / Year
1	Low	0.30	Bubblers	272	82	4.18	3,129
2	Low	0.30	Drip	12,348	3,704	189.92	142,057
3	Low		Rotary / Rotor	0	0	0.00	0
4	low		Spray	0	0	0.00	0
5	low		Bubblers	0	0	0.00	0
6	low		Laser Tube (Drip)	0	0	0.00	0
7	low		Rotary / Rotor	0	0	0.00	0
8	low		Spray	0	0	0.00	0
	SLA	1			0		
		Sum		12,620	3,786	194.10	145,186

RESULTS				ETWU =	(ETo) x (0.62) x [(PF x HA)/IE + SLA]	100 CF/Year	Gal./year
MAWA =			172,599	**ETWU =**		194	145,186

ETWU must be less than or equal to MAWA **ETWU complies with MAWA**

NO.	DATE	REVISIONS	APPR.	DATE

DRAWN BY: GAM DATE: 6/15/23
DESIGNED BY: GAM DATE: 6/15/23
CHECKED BY: MFR DATE: 3/1/22

PREPARED BY:

Stantec
9665 GRANITE RIDGE DRIVE, SUITE 220
SAN DIEGO, CA 92123
stantec.com

BUILDER:

HECATE GRID, LLC.
621 W. RANDOLPH STREET
CHICAGO, IL 30661

CHIQUITO PROPOSED BESS AND SUBSTATION
WILDOMAR, CA

LANDSCAPE NOTES AND CALCULATIONS

PLAN CHECK NO.
PERMIT NO.

SHEET 2 OF 3

JOB NO. 185805178

DRAWING: \\us185805-pgfsa01\workgroup\185805178\active\185805178\landscape\drawing\drawing\185805178 Landscape Notes and Calculations.dwg PLOTTED: 6/15/2023 8:40 AM BY: Maddock, Gaylyn

BATTERY UNIT

MATERIAL: METAL COLOR: GREY



INVERTER

MATERIAL: METAL COLOR: WHITE



TRANSFORMER ON PAD

MATERIAL: METAL COLOR: WHITE



6' TALL DECORATIVE WALL

MATERIAL: SPLITFACE CMU WITH PILASTERS COLOR: GREY AND TAN



PROJECT MV SWITCHGEAR

MATERIAL: METAL COLOR: WHITE



CONTAINER-MOUNTED LIGHT

MATERIAL: METAL COLOR: WHITE



WALL-MOUNTED LIGHT

MATERIAL: METAL COLOR: WHITE



SOLID GATE

REPRESENTATIVE PHOTO

MATERIAL: METAL COLOR: GREY



NO.	DATE	REVISIONS	APPR.	DATE

DRAWN BY: GAM DATE: 6/15/23

DESIGNED BY: GAM DATE: 6/15/23

CHECKED BY: MFR DATE: 3/1/22

PREPARED BY:

Stantec
9665 GRANITE RIDGE DRIVE, SUITE 220
SAN DIEGO, CA 92123
stantec.com

BUILDER:

HECATE GRID, LLC.
621 W. RANDOLPH STREET
CHICAGO, IL 30661

CHIQUITO PROPOSED BESS AND SUBSTATION

WILDOMAR, CA

MATERIALS BOARD

PLAN CHECK NO.

PERMIT NO.

SHEET 3 OF 3

JOB NO. 185805178

DRAWING: \\us8382-pgfs01\workgroup\185805178\Landscape\Drawings\Drawings\185805178 11.dwg PLOTTED: 6/15/2023 8:40 AM BY: bbibbins, Evelyn



HECATE CHIQUITO

AERIAL / PLAN VIEW



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 01 - ORIGINAL



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 01 - SIMULATION



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 02 - ORIGINAL



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 02 - SIMULATION



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 03 - ORIGINAL



HECATE CHIQUITO

BIRDS-EYE PERSPECTIVE 03 - SIMULATION



HECATE CHIQUITO

STREET VIEW 01 - ORIGINAL



HECATE CHIQUITO

STREET VIEW 01 - SIMULATION



HECATE CHIQUITO

STREET VIEW 02 - ORIGINAL



HECATE CHIQUITO

STREET VIEW 02 - SIMULATION

HECATE CHIQUITO

STREET VIEW 03 - ORIGINAL

HECATE CHIQUITO

STREET VIEW 03 - SIMULATION