

Appendices

Appendix A Lighting Plans

Appendices

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Los Amigos High School Athletic Fields

Fountain Valley, CA

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A1-A2	70'	70'	5	TLC-LED-1200	5.85 kW	B
		16'	1	TLC-BT-575	0.58 kW	B
A3-A4	60'	60'	2	TLC-LED-1200	2.34 kW	C
		60'	1	TLC-LED-900	0.89 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
B1-B2	80'	80'	7	TLC-LED-1500	10.01 kW	B
		16'	1	TLC-BT-575	0.58 kW	B
B3	70'	70'	3	TLC-LED-1500	4.29 kW	C
		70'	1	TLC-LED-900	0.89 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
B4	70'	70'	1	TLC-LED-1200	1.17 kW	C
		70'	3	TLC-LED-1500	4.29 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
C1-C2	70'	70'	5	TLC-LED-1500	7.15 kW	B
		16'	2	TLC-BT-575	1.15 kW	B
F1-F2	80'	80'	11	TLC-LED-1500	15.73 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
F3-F4	80'	80'	9	TLC-LED-1500	12.87 kW	A
		80'	3	TLC-LED-900	2.67 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
T1-T4	60'	60'	4	TLC-LED-900	3.56 kW	D
18			130		151.40 kW	

Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Football	67.14 kW	54
B	Baseball	50.62 kW	42
C	Softball	19.4 kW	18
D	Tennis 1-4	14.24 kW	16

Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>120,000	>120,000	>120,000	70
TLC-LED-1200	LED 5700K - 75 CRI	1170W	136,000	>120,000	>120,000	>120,000	15
TLC-LED-900	LED 5700K - 75 CRI	890W	89,600	>120,000	>120,000	>120,000	25
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	20

Light Level Summary

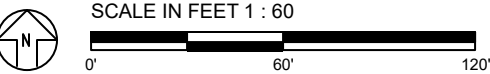
Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
BB LF Bullpen	Horizontal	35.4	26	45	1.73	1.36	B	42
BB RF Bullpen	Horizontal	36.1	26	45	1.73	1.39	B	42
Baseball (Infield)	Horizontal Illuminance	51.4	33	61	1.86	1.56	B	42
Baseball (Outfield)	Horizontal Illuminance	31	18	44	2.41	1.72	B	42
Football	Horizontal Illuminance	53.1	48	62	1.28	1.11	A	54
Property Line Spill	Horizontal	0.02	0	0.34	0.00		A,B,C,D	130
Property Line Spill	Max Candela (by Fixture)	760	3.93	6183	1572.48	193.35	A,B,C,D	130
Property Line Spill	Max Vertical Illuminance Metric	0.04	0	0.41	0.00		A,B,C,D	130
Soccer	Horizontal Illuminance	52.3	45	60	1.35	1.16	A	54
Softball (Infield)	Horizontal Illuminance	51.6	35	65	1.85	1.47	C	18
Softball (Outfield)	Horizontal Illuminance	32.4	19	44	2.39	1.71	C	18
Tennis 1-4	Horizontal Illuminance	54.4	43	64	1.48	1.27	D	16
Track	Horizontal Illuminance	26	11	41	3.80	2.36	A	54

From Hometown to Professional



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EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A1-A2	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	5	5	0
2	B1-B2	80'	-	15.5'	TLC-BT-575	1	1	0
				80'	TLC-LED-1500	7	7	0
2	C1-C2	70'	-	15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
6	TOTALS					42	42	0



ENGINEERED DESIGN By: Vashon Alexander · File #216619A_R1 · 08-Mar-22

Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Baseball
Size:	Irregular 315' / 353' / 311'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.4	31.0
Maximum:	61	44
Minimum:	33	18
Avg / Min:	1.56	1.69
Guaranteed Max / Min:	2	2.5
Max / Min:	1.86	2.41
UG (adjacent pts):	1.18	1.40
CU:	0.66	
No. of Points:	25	88

LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	42
Total Load:	50.62 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A1-A2	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	5	5	0
2	B1-B2	80'	-	15.5'	TLC-BT-575	1	1	0
				80'	TLC-LED-1500	7	7	0
2	C1-C2	70'	-	15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
6	TOTALS					42	42	0



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	BB LF Bullpen
Size:	Irregular 315' / 353' / 311'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	35.4
Maximum:	45
Minimum:	26
Avg / Min:	1.36
Max / Min:	1.73
UG (adjacent pts):	1.38
CU:	0.01
No. of Points:	14
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	42
Total Load:	50.62 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A1-A2	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	5	5	0
2	B1-B2	80'	-	15.5'	TLC-BT-575	1	1	0
				80'	TLC-LED-1500	7	7	0
2	C1-C2	70'	-	15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
6	TOTALS					42	42	0



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	BB RF Bullpen
Size:	Irregular 315' / 353' / 311'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	36.1
Maximum:	45
Minimum:	26
Avg / Min:	1.38
Max / Min:	1.73
UG (adjacent pts):	1.38
CU:	0.01
No. of Points:	14
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	42
Total Load:	50.62 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

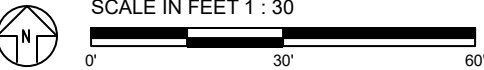
Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



Pole location(s) dimensions are relative to 0,0 reference point(s)

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A3-A4	60'	-	60'	TLC-LED-900	1	1	0
				15.5'	TLC-BT-575	1	1	0
				60'	TLC-LED-1200	2	2	0
1	B3	70'	-	70'	TLC-LED-900	1	1	0
				15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	3	3	0
1	B4	70'	-	70'	TLC-LED-1200	1	1	0
				15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	3	3	0
4	TOTALS					18	18	0



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Softball
Size:	Irregular 200' / 197' / 168'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

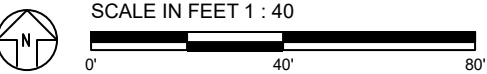
ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.6	32.4
Maximum:	65	44
Minimum:	35	19
Avg / Min:	1.47	1.74
Guaranteed Max / Min:	2	2.5
Max / Min:	1.85	2.39
UG (adjacent pts):	1.19	1.51
CU:	0.61	
No. of Points:	25	58
LUMINAIRE INFORMATION		
Applied Circuits:	C	
No. of Luminaires:	18	
Total Load:	19.4 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗

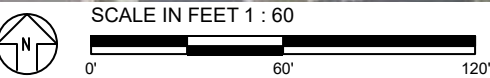


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	F1-F2	80'	0'	15.48'	TLC-BT-575	2	2	0
				80'	TLC-LED-1500	11	11	0
2	F3-F4	80'	0'	80'	TLC-LED-900	3	3	0
				15.48'	TLC-BT-575	2	2	0
				80'	TLC-LED-1500	9	9	0
4	TOTALS					54	54	0



Pole location(s) dimensions are relative to 0,0 reference point(s)

Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Football
Size:	360' x 160'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	50
Scan Average:	53.1
Maximum:	62
Minimum:	48
Avg / Min:	1.10
Guaranteed Max / Min:	2
Max / Min:	1.28
UG (adjacent pts):	1.11
CU:	0.48
No. of Points:	72
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	54
Total Load:	67.14 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
2	F1-F2	80'	-	15.5'	TLC-BT-575	2	2	0	
				80'	TLC-LED-1500	11	11	0	
2	F3-F4	80'	-	80'	TLC-LED-900	3	3	0	
				15.5'	TLC-BT-575	2	2	0	
				80'	TLC-LED-1500	9	9	0	
4	TOTALS					54	54	0	



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Soccer
Size:	360' x 205'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	50
Scan Average:	52.3
Maximum:	60
Minimum:	45
Avg / Min:	1.17
Guaranteed Max / Min:	2
Max / Min:	1.35
UG (adjacent pts):	1.15
CU:	0.55
No. of Points:	84
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	54
Total Load:	67.14 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

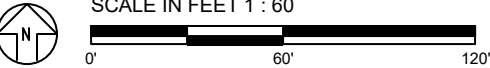
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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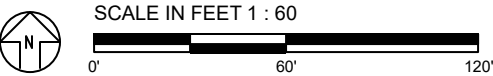
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ILLUMINATION SUMMARY



Pole location(s) ⚙ dimensions are relative to 0,0 reference point(s) ⊗

EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
2	F1-F2	80'	0'	15.52'	TLC-BT-575	2	2
				80'	TLC-LED-1500	11	11
2	F3-F4	80'	0'	80'	TLC-LED-900	3	3
				15.52'	TLC-BT-575	2	2
				80'	TLC-LED-1500	9	9
4	TOTALS					54	54



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗

Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Track
Size:	Irregular
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	25
Scan Average:	26.0
Maximum:	41
Minimum:	11
Avg / Min:	2.44
Guaranteed Max / Min:	4
Max / Min:	3.80
UG (adjacent pts):	0.00
CU:	0.16
No. of Points:	48
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	54
Total Load:	67.14 kW

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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	T1-T4	60'	-	60'	TLC-LED-900	4	4	0
4	TOTALS					16	16	0

Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Tennis 1-4
Size:	4 Court - 12' Spacing
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	50
Scan Average:	54.4
Maximum:	64
Minimum:	43
Avg / Min:	1.27
Guaranteed Max / Min:	2
Max / Min:	1.48
UG (adjacent pts):	0.00
CU:	0.88
No. of Points:	60

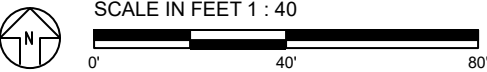
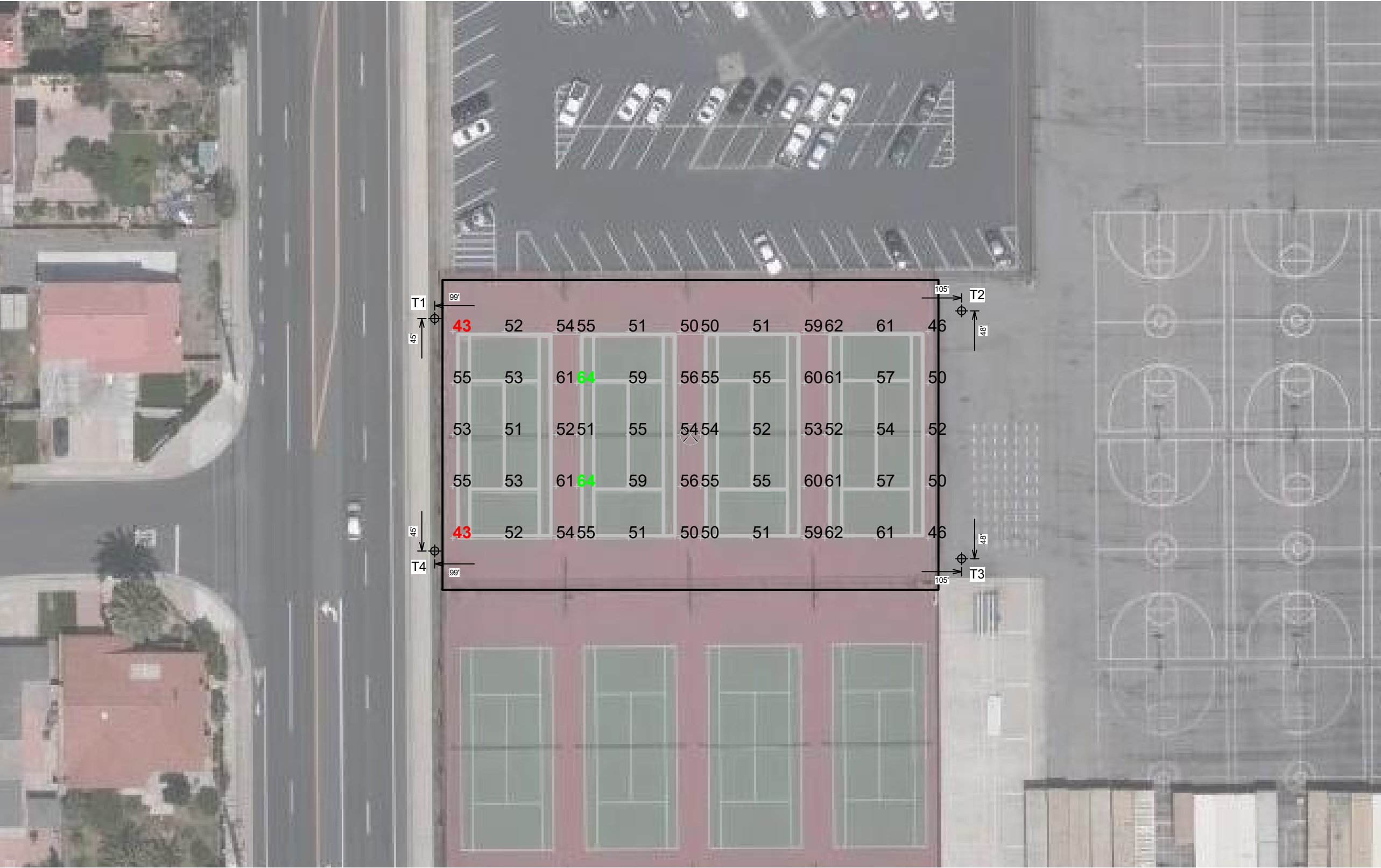
LUMINAIRE INFORMATION	
Applied Circuits:	D
No. of Luminaires:	16
Total Load:	14.24 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

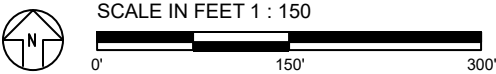
ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.022
Maximum:	0.34
Minimum:	0.00
No. of Points:	181
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D
No. of Luminaires:	130
Total Load:	151.4 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

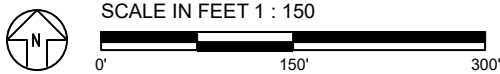
ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.039
Maximum:	0.41
Minimum:	0.00
No. of Points:	181
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D
No. of Luminaires:	130
Total Load:	151.4 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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ILLUMINATION SUMMARY



Los Amigos High School Athletic Fields
Fountain Valley, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

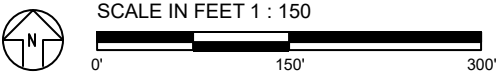
ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 759.851
Maximum:	6183.17
Minimum:	3.93
No. of Points:	181
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D
No. of Luminaires:	130
Total Load:	151.4 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

EQUIPMENT LAYOUT

INCLUDES:

- Baseball
- Football
- Soccer
- Softball
- Tennis 1-4
- Track

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
2	A1-A2	70'	-	15.5' 70'	TLC-BT-575 TLC-LED-1200	1 5
2	A3-A4	60'	-	60' 15.5' 60'	TLC-LED-900 TLC-BT-575 TLC-LED-1200	1 1 2
2	B1-B2	80'	-	15.5' 80'	TLC-BT-575 TLC-LED-1500	1 7
1	B3	70'	-	70' 15.5' 70'	TLC-LED-900 TLC-BT-575 TLC-LED-1500	1 1 3
1	B4	70'	-	70' 15.5' 70'	TLC-LED-1200 TLC-BT-575 TLC-LED-1500	1 1 3
2	C1-C2	70'	-	15.5' 70'	TLC-BT-575 TLC-LED-1500	2 5
2	F1-F2	80'	-	15.5' 80'	TLC-BT-575 TLC-LED-1500	2 11
2	F3-F4	80'	-	80' 15.5' 80'	TLC-LED-900 TLC-BT-575 TLC-LED-1500	3 2 9
4	T1-T4	60'	-	60'	TLC-LED-900	4
18	TOTALS					130

SINGLE LUMINAIRE AMPERAGE DRAW CHART

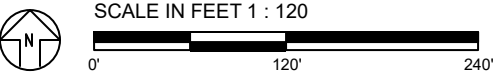
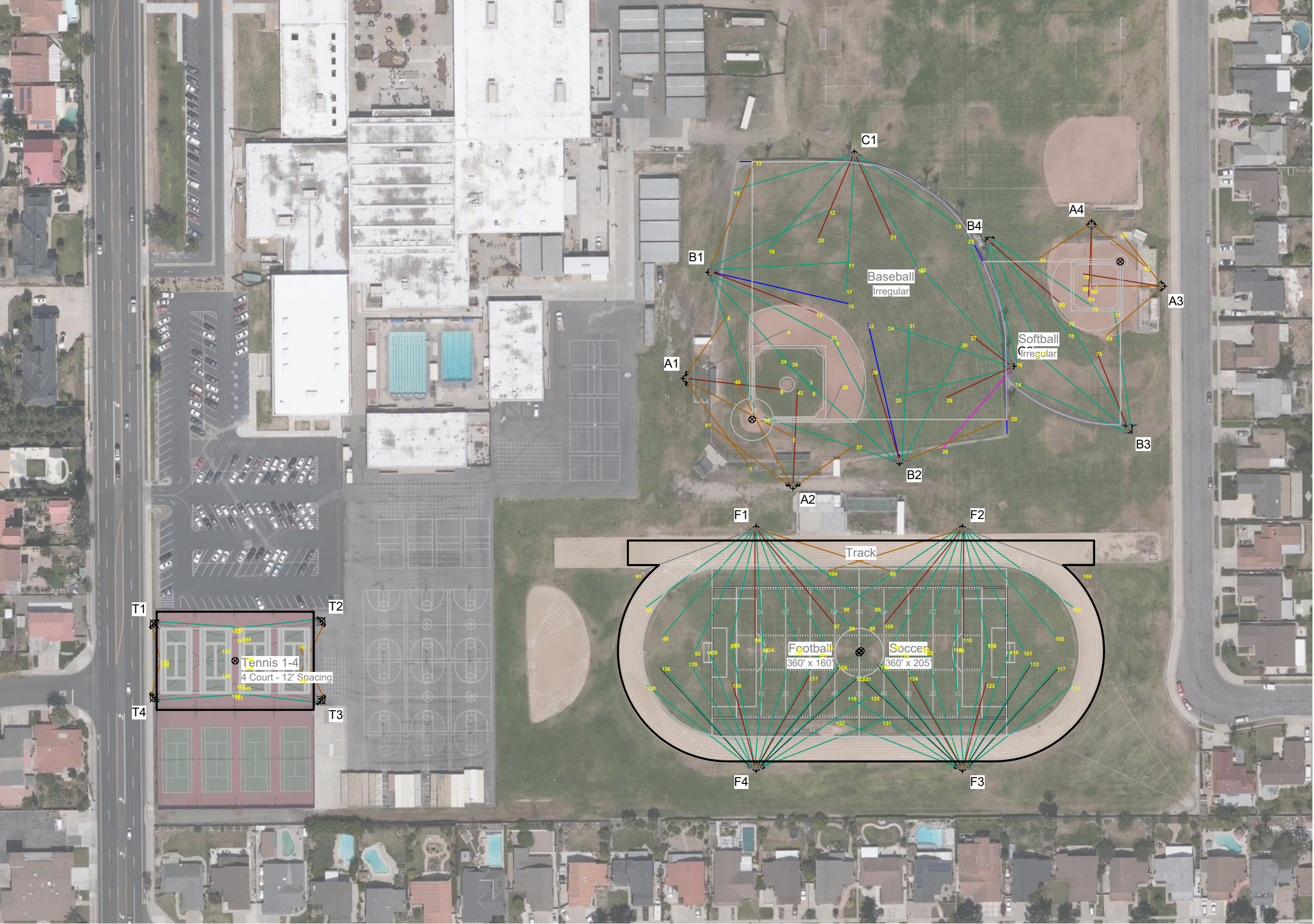
Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage	8.5	8.1	7.4	6.4	5.1	4.7	3.7
TLC-LED-1500	7.0	6.6	6.1	5.2	4.2	4.0	3.0
TLC-LED-1200	5.3	5.0	4.6	4.0	3.2	2.9	2.3
TLC-LED-900	3.4	3.2	2.9	2.5	2.0	1.8	1.5
TLC-BT-575							



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EQUIPMENT LAYOUT



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗

Modified Tennis Court Lighting Plan

[illegible]

LAYOUT DESIGNER: 

DESIGNER EMAIL : info@hugoboss.com

PROJECT DATE :	01/10/20
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REVISION DATE : 06/06/20

REF: [PERFORMANCE LIGHTING](#)

NOTE/S:

1



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DISCLAIMER: BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE PROJECT ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS. THE LIGHTING DATA

APPROVED METHODS. ACTUAL PERFORMANCE MAY VARY DUE TO VARIATIONS IN ELECTRICAL VOLTAGE, INSTALLATION, TOLERANCE LEVELS, BUILDINGS, OTHER LIGHTING, AND OTHER VARIABLES THAT WERE NOT CONSIDERED WHEN THIS PHOTOMETRIC REPORT WAS CREATED. IT IS THE RESPONSIBILITY OF THE OWNER OR PROJECT ENGINEER TO ENSURE COMPLIANCE OF ALL STANDARDS IN EFFECT. THIS PHOTOMETRIC LAYOUT IS THE PROPERTY OF VISIONAIRE LIGHTING AND IT CANNOT BE USED

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