

APPENDIX A

MUSCO LIGHTING REPORT

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Mesa Verde High School Football

Citrus Heights, CA

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
F1-F4	90'	90'	8	TLC-LED-1500	11.44 kW	A
		70'	1	TLC-RGBW	0.64 kW	B
		16'	2	TLC-BT-575	1.15 kW	A
4			44		52.92 kW	

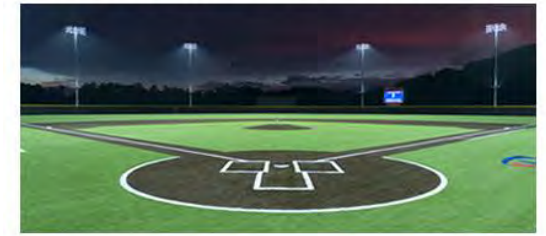
Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Football	50.36 kW	40
B	Egress	2.56 kW	4

Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-RGBW	LED 5700K - 75 CRI	640W	28,500	>120,000	>120,000	>120,000	4
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	8
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>120,000	>120,000	>120,000	32

Light Level Summary

Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
150' Spill	Horizontal Illuminance	0.01	0	0.01	0.00		A	40
150' Spill	Max Candela Metric	599	34.2	1106	32.34	17.51	A	40
150' Spill	Max Vertical Illuminance Metric	0.02	0	0.03	124.12		A	40
Away Bleachers RGBW Egress	Horizontal Illuminance	3	2	5	3.21	1.50	B	4
Away Bleachers	Horizontal Illuminance	10.4	4	17	4.15	2.60	A,B	44
Blanket Grid	Horizontal	0.80	0	11	1690.67		A	40
Football 1	Horizontal Illuminance	42	33	48	1.45	1.27	A	40
Home Bleachers RGBW Egress	Horizontal Illuminance	3	2	5	3.03	1.50	B	4
Home Bleachers	Horizontal Illuminance	10.8	4	17	4.02	2.70	A,B	44
Property Spill Line	Horizontal	0.19	0	1.37	0.00		A	40
Property Spill Line	Max Candela (by Fixture)	2862	0.01	10327	2058440.00	286230.30	A	40
Property Spill Line	Max Vertical Illuminance Metric	0.22	0	1.41	0.00		A	40
Soccer 1	Horizontal Illuminance	41.9	33	48	1.45	1.27	A	40
Track 1 Spill	Horizontal Illuminance	0.06	0	0.28	62.07		A	40
Track 1 Spill	Max Candela Metric	2415	522	4854	9.29	4.62	A	40
Track 1 Spill	Max Vertical Illuminance Metric	0.11	0.02	0.27	16.46	5.60	A	40
Track 1	Horizontal Illuminance	15.7	1	35	38.99	15.70	A	40

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
4	F1-F4	90'	-	70'	TLC-RGBW	1	0	1
				15.5'	TLC-BT-575	2	2	0
				90'	TLC-LED-1500	8	8	0
4	TOTALS					44	40	4

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY

Name: **Football 1**
 Size: 360' x 160'
 Spacing: 30.0' x 30.0'
 Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid	
Guaranteed Average:	40
Scan Average:	42.0
Maximum:	48
Minimum:	33
Avg / Min:	1.28
Guaranteed Max / Min:	2
Max / Min:	1.45
UG (adjacent pts):	1.30
CU:	0.50
No. of Points:	72

LUMINAIRE INFORMATION

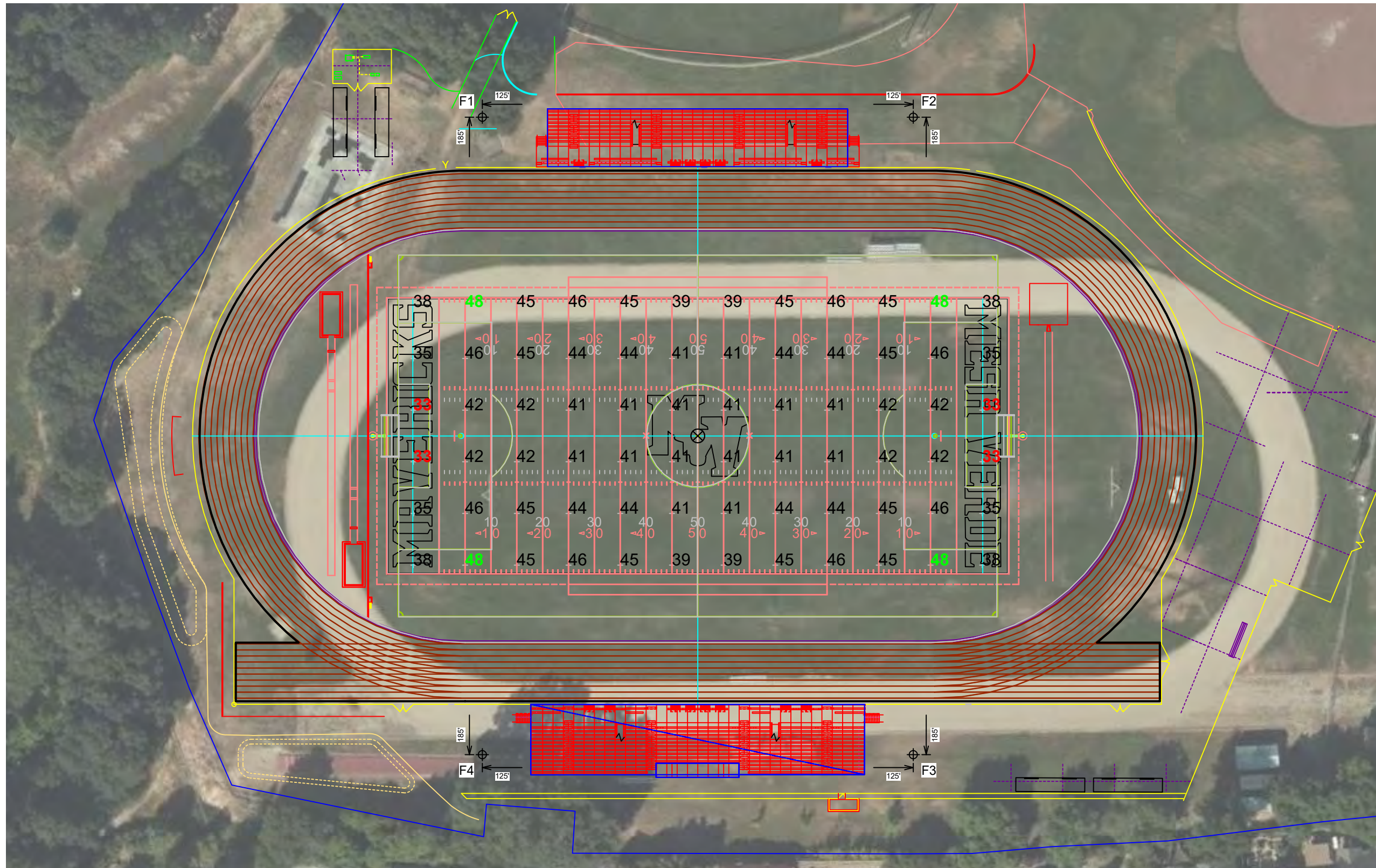
Applied Circuits: A
 No. of Luminaires: **40**
 Total Load: 50.36 kW

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

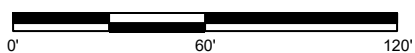
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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.



SCALE IN FEET 1 : 60



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



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EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0
				15.52'	TLC-BT-575	2	2
				90'	TLC-LED-1500	8	8
4	TOTALS					44	40

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Soccer 1
Size:	347' x 210'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

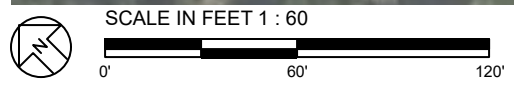
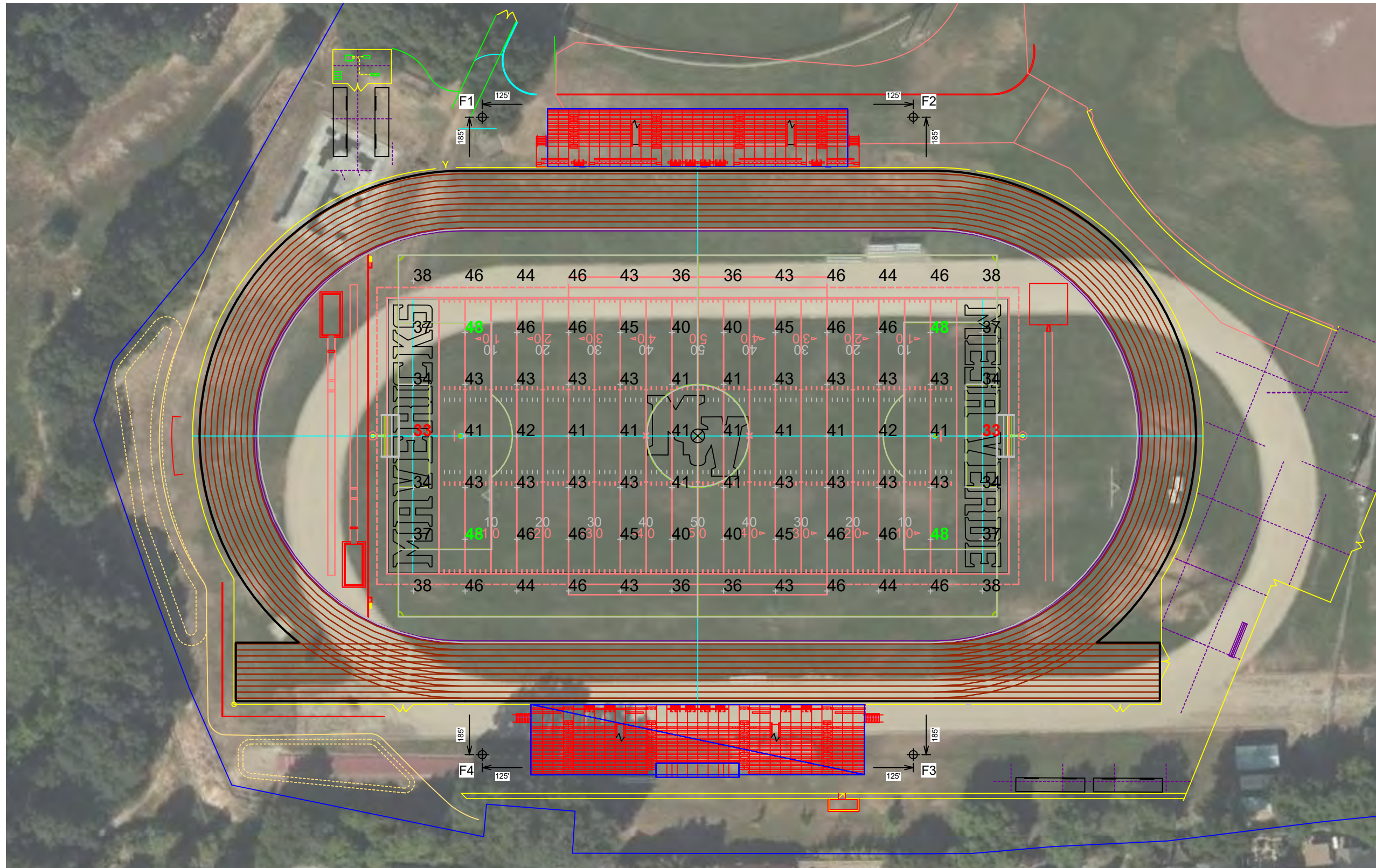
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Guaranteed Average:	40
Scan Average:	41.9
Maximum:	48
Minimum:	33
Avg / Min:	1.28
Guaranteed Max / Min:	2
Max / Min:	1.45
UG (adjacent pts):	1.28
CU:	0.58
No. of Points:	84
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 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	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1
				15.54'	TLC-BT-575	2	2	0
				90'	TLC-LED-1500	8	8	0
4	TOTALS					44	40	4

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY

Name: Track 1
 Size: Irregular
 Spacing: 30.0' x 30.0'
 Height: 3.0' above grade

ILLUMINATION SUMMARY

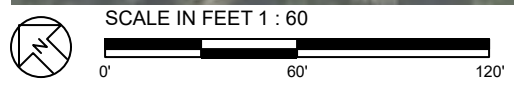
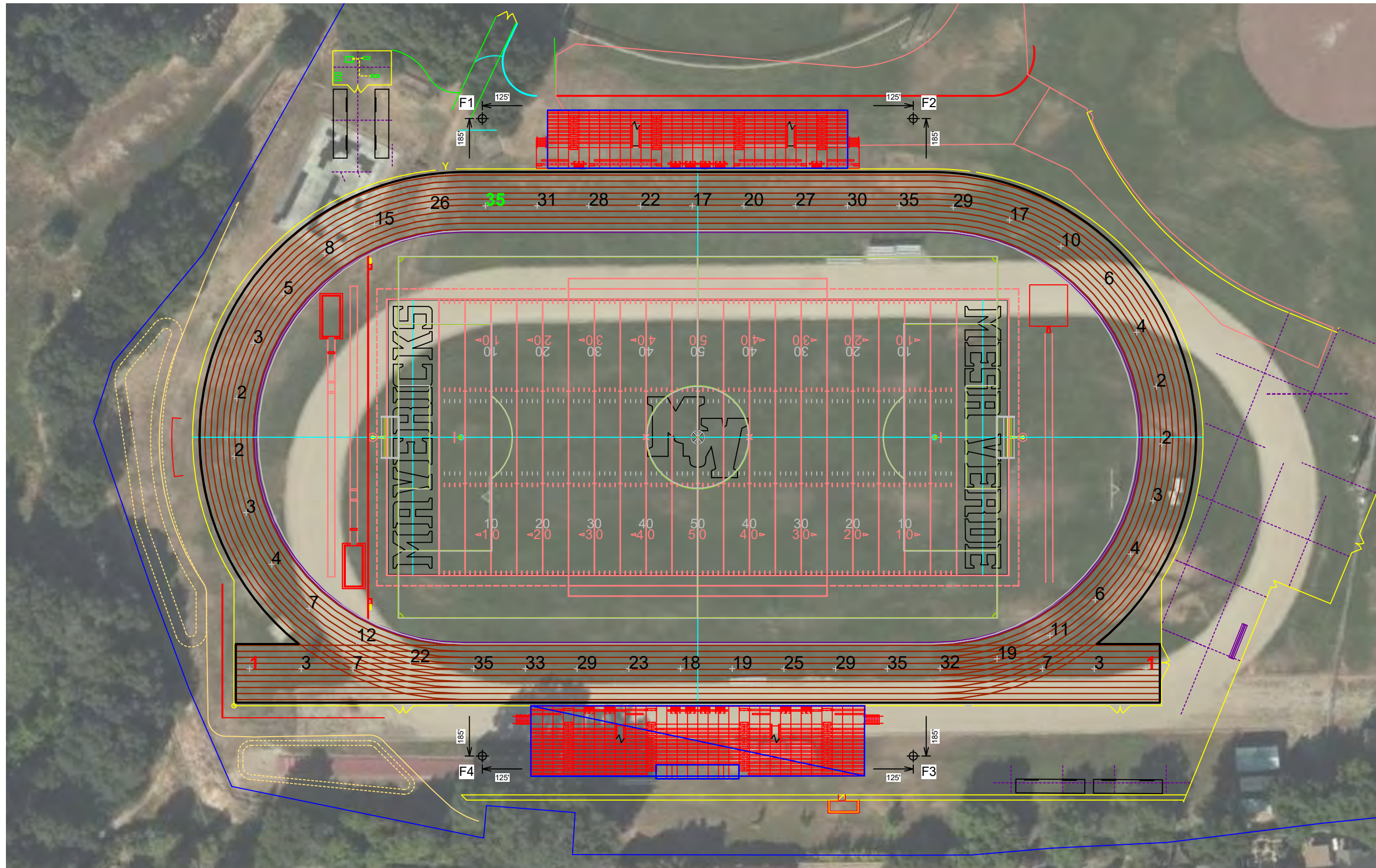
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	15.7
Maximum:	35
Minimum:	1
Avg / Min:	17.38
Max / Min:	38.99
UG (adjacent pts):	0.00
CU:	0.13
No. of Points:	49
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

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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
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0
				15.54'	TLC-BT-575	2	2
				90'	TLC-LED-1500	8	8
4	TOTALS					44	40

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Blanket Grid
Size:	Irregular
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

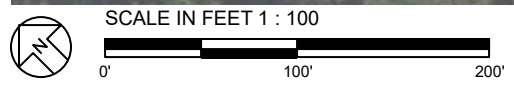
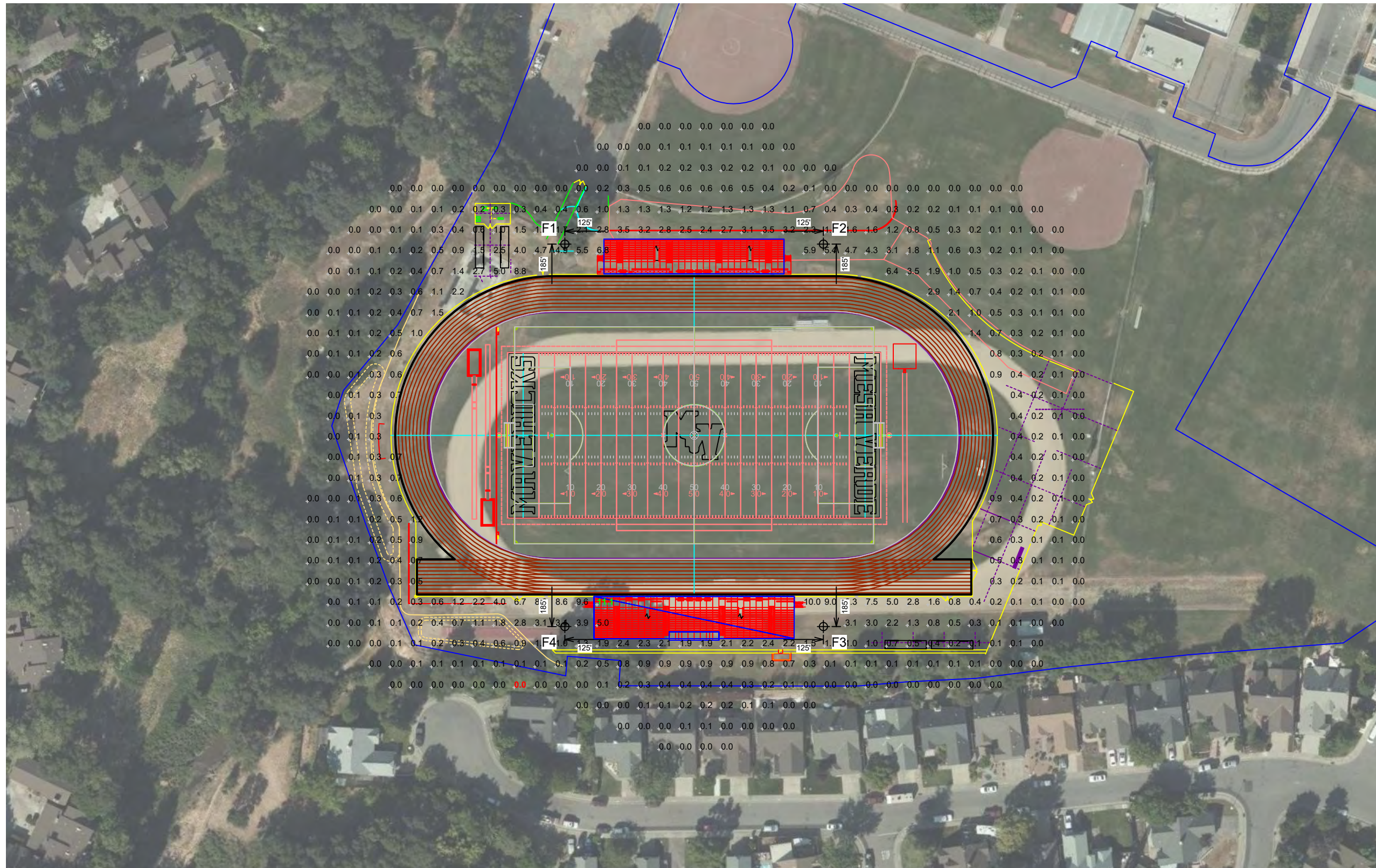
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	0.8
Maximum:	11
Minimum:	0
Avg / Min:	120.08
Max / Min:	1690.67
UG (adjacent pts):	22.86
CU:	0.03
No. of Points:	506
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

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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
4	F1-F4	90'	-	70'	TLC-RGBW	1	1
				15.5'	TLC-BT-575	2	2
				90'	TLC-LED-1500	8	8
4	TOTALS					44	44

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Away Bleachers
Spacing:	20.0' x 20.0'
Height:	11.2' above grade

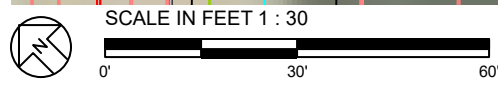
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	10.4
Maximum:	17
Minimum:	4
Avg / Min:	2.49
Max / Min:	4.15
UG (adjacent pts):	0.00
CU:	0.01
No. of Points:	18
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	44
Total Load:	52.92 kW

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ILLUMINATION SUMMARY

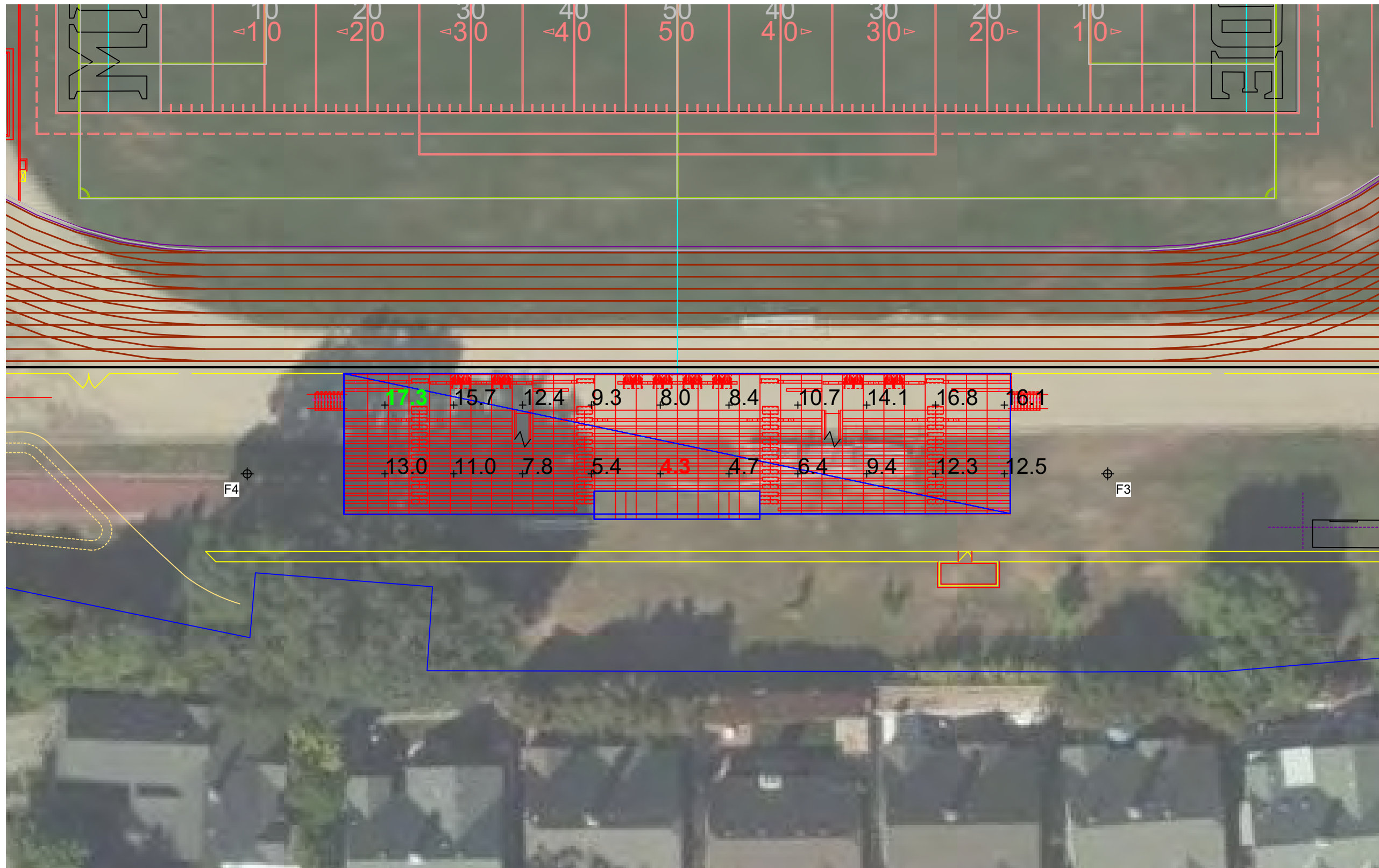
Mesa Verde High School Football

Citrus Heights, CA

EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	F1-F4	90'	-	70'	TLC-RGBW	1	1
				15.5'	TLC-BT-575	2	2
				90'	TLC-LED-1500	8	8
4	TOTALS					44	44

GRID SUMMARY	
Name:	Home Bleachers
Spacing:	20.0' x 20.0'
Height:	19.8' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	10.8
Maximum:	17
Minimum:	4
Avg / Min:	2.50
Max / Min:	4.02
UG (adjacent pts):	0.00
CU:	0.02
No. of Points:	20
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	44
Total Load:	52.92 kW

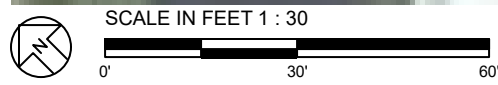


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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



Mesa Verde High School Football

Citrus Heights, CA

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	-	70'	TLC-RGBW	1	1	0
				15.5'	TLC-BT-575	2	0	2
				90'	TLC-LED-1500	8	0	8
4	TOTALS					44	4	40

GRID SUMMARY	
Name:	Away Bleachers RGBW Egress
Spacing:	20.0' x 20.0'
Height:	11.2' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	3.0
Maximum:	5
Minimum:	2
Avg / Min:	1.84
Max / Min:	3.21
UG (adjacent pts):	0.00
CU:	0.22
No. of Points:	18
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	4
Total Load:	2.56 kW

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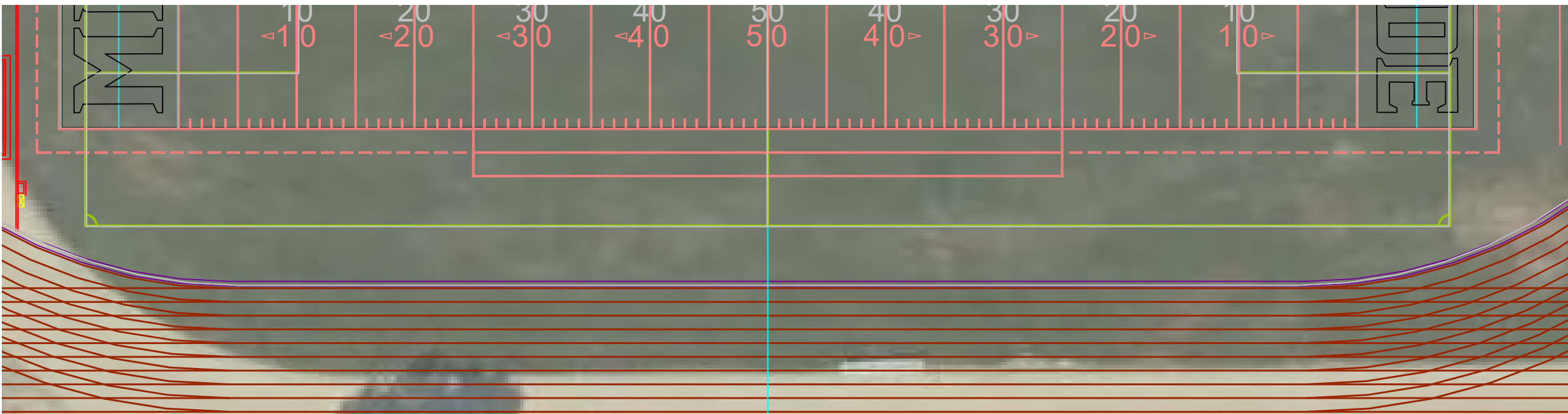
EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	F1-F4	90'	-	70'	TLC-RGBW	1	1
				15.5'	TLC-BT-575	2	0
				90'	TLC-LED-1500	8	0
4	TOTALS					44	40

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Home Bleachers RGBW Egress
Spacing:	20.0' x 20.0'
Height:	19.8' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	3.0
Maximum:	5
Minimum:	2
Avg / Min:	1.80
Max / Min:	3.03
UG (adjacent pts):	0.00
CU:	0.25
No. of Points:	20
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	4
Total Load:	2.56 kW

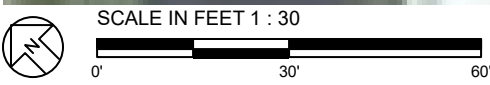


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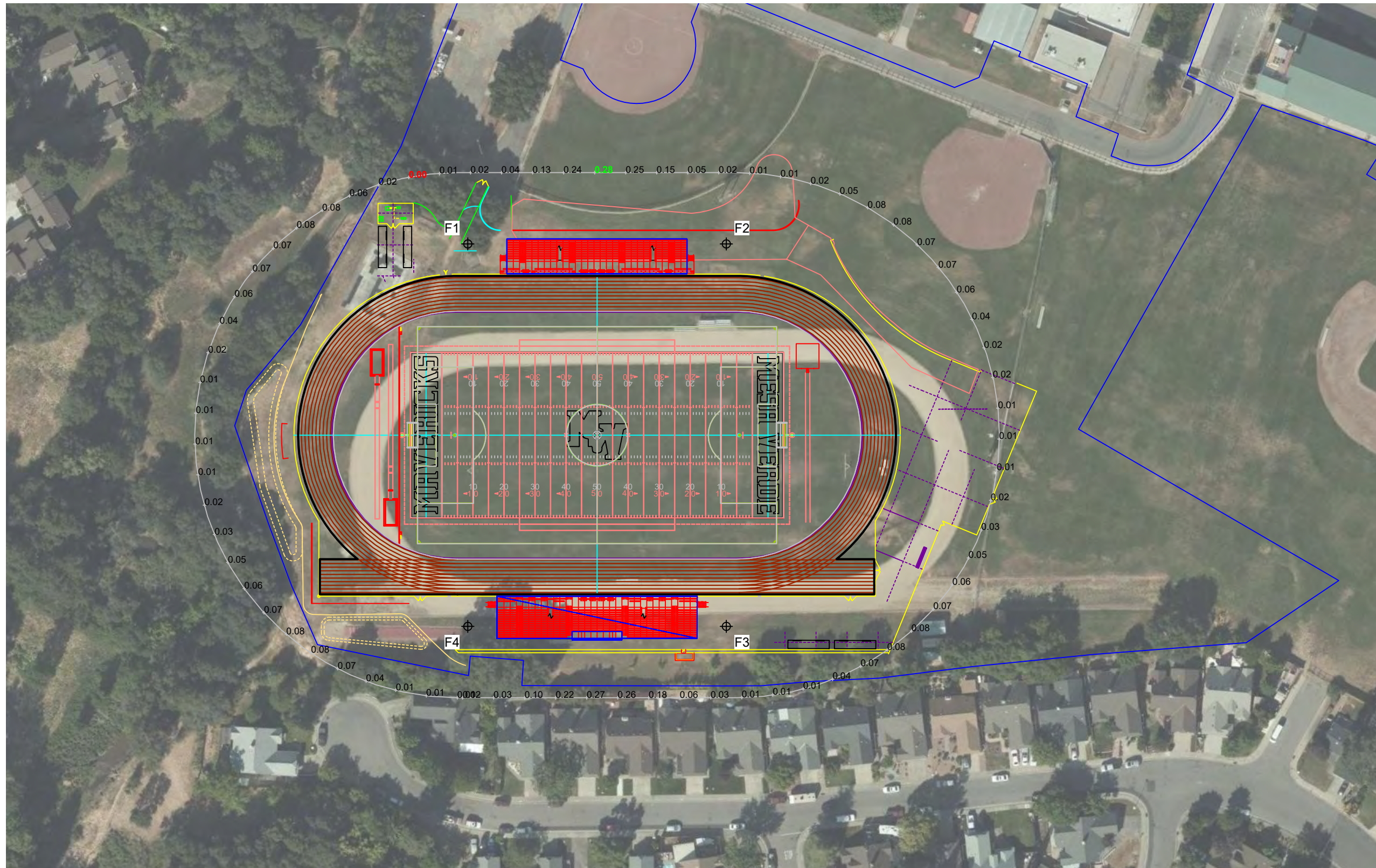
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Track 1 Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.063
Maximum:	0.28
Minimum:	0.00
No. of Points:	72
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

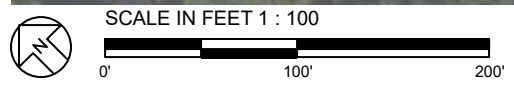


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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



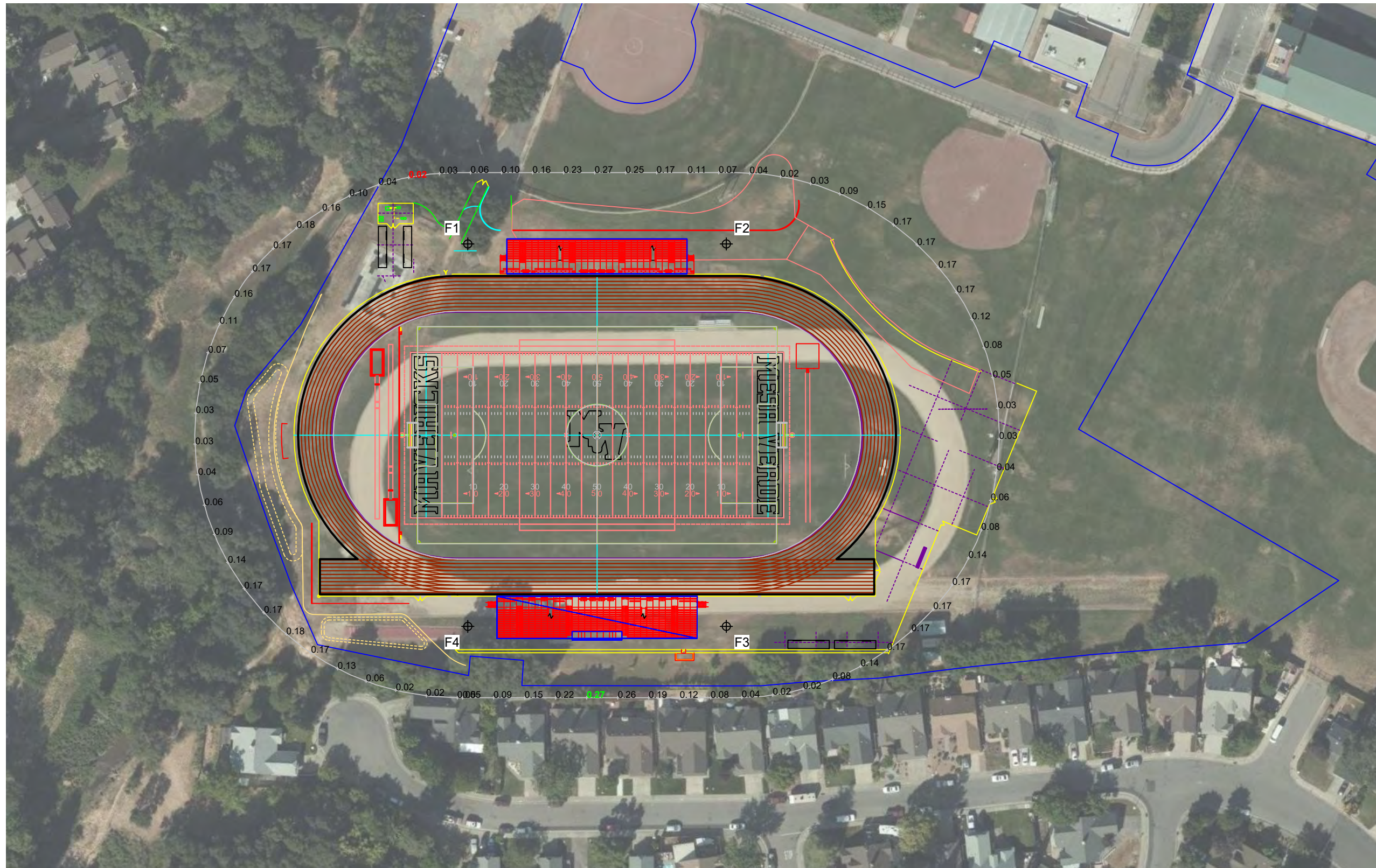
EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1
				15.54'	TLC-BT-575	2	2	0
				90'	TLC-LED-1500	8	8	0
4	TOTALS					44	40	4

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Track 1 Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.112
Maximum:	0.27
Minimum:	0.02
No. of Points:	72
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

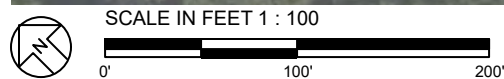


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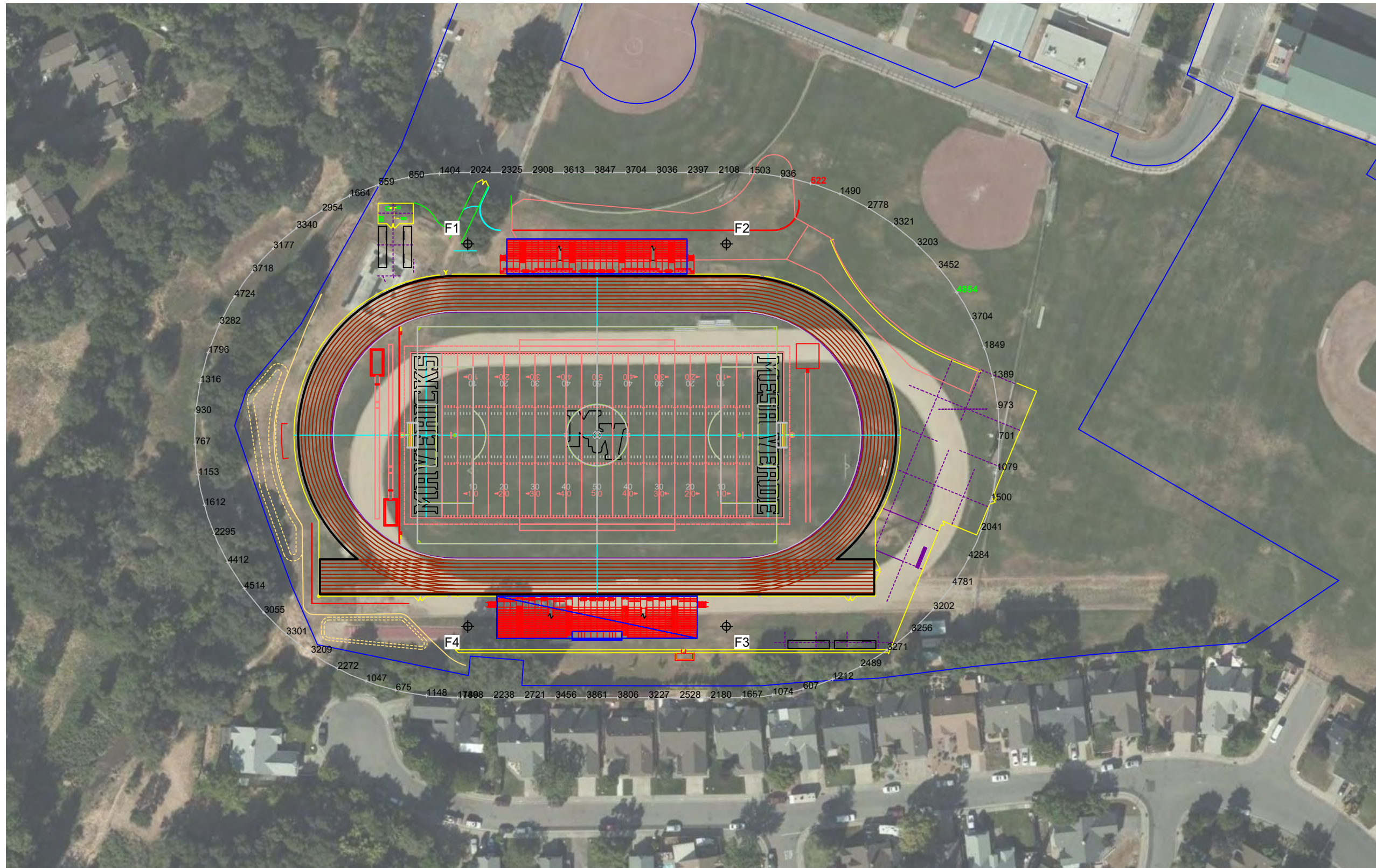
EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1
				15.54'	TLC-BT-575	2	2	0
				90'	TLC-LED-1500	8	8	0
4	TOTALS					44	40	4

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	Track 1 Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 2415.281
Maximum:	4853.87
Minimum:	522.37
No. of Points:	72
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

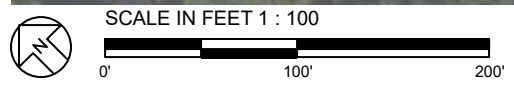


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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) ⊗

ENGINEERED DESIGN By: Bryce Miles · File #214909C · 05-Nov-21



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ILLUMINATION SUMMARY

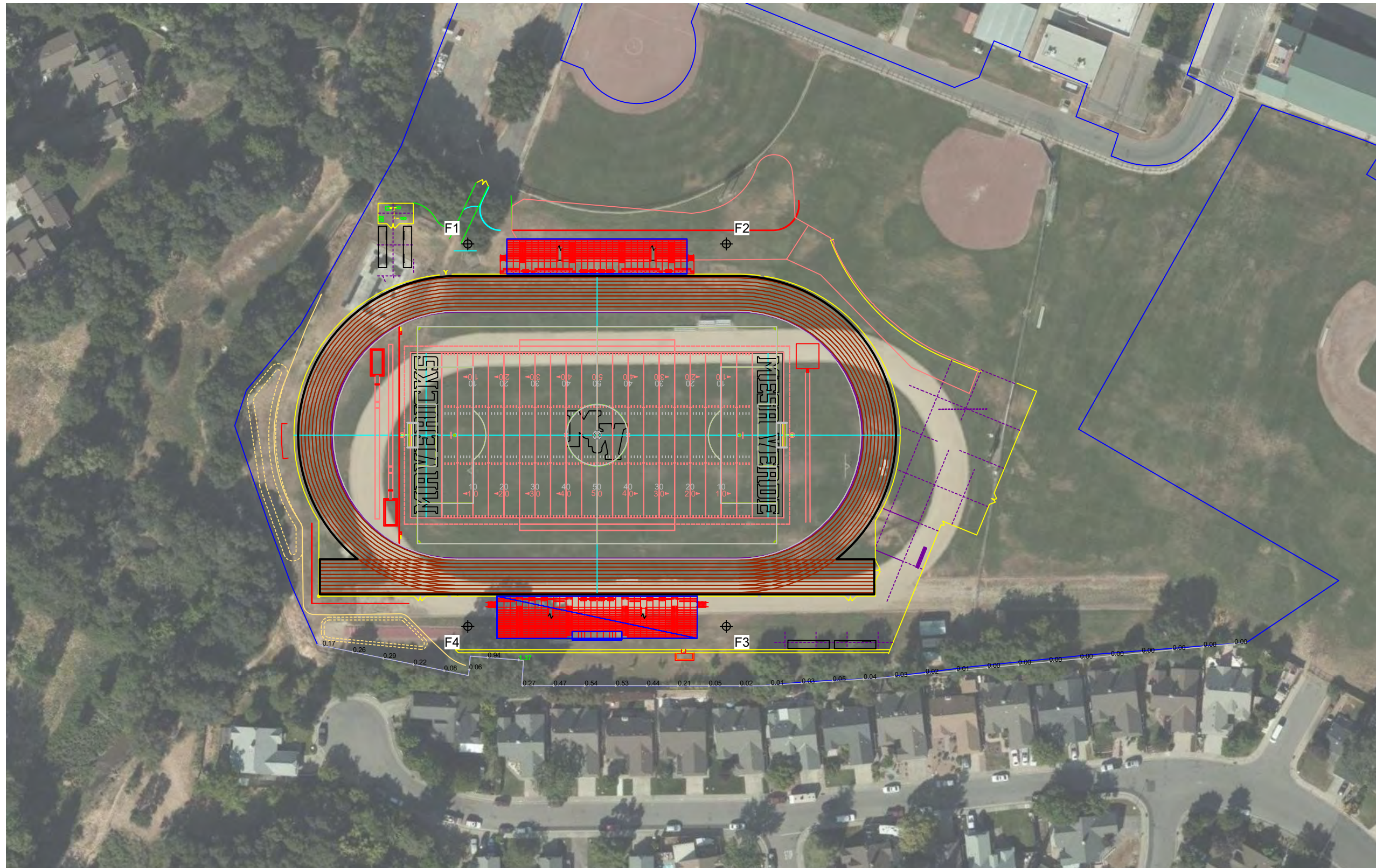
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

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

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.190
Maximum:	1.37
Minimum:	0.00
No. of Points:	32
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

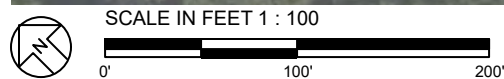


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Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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



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



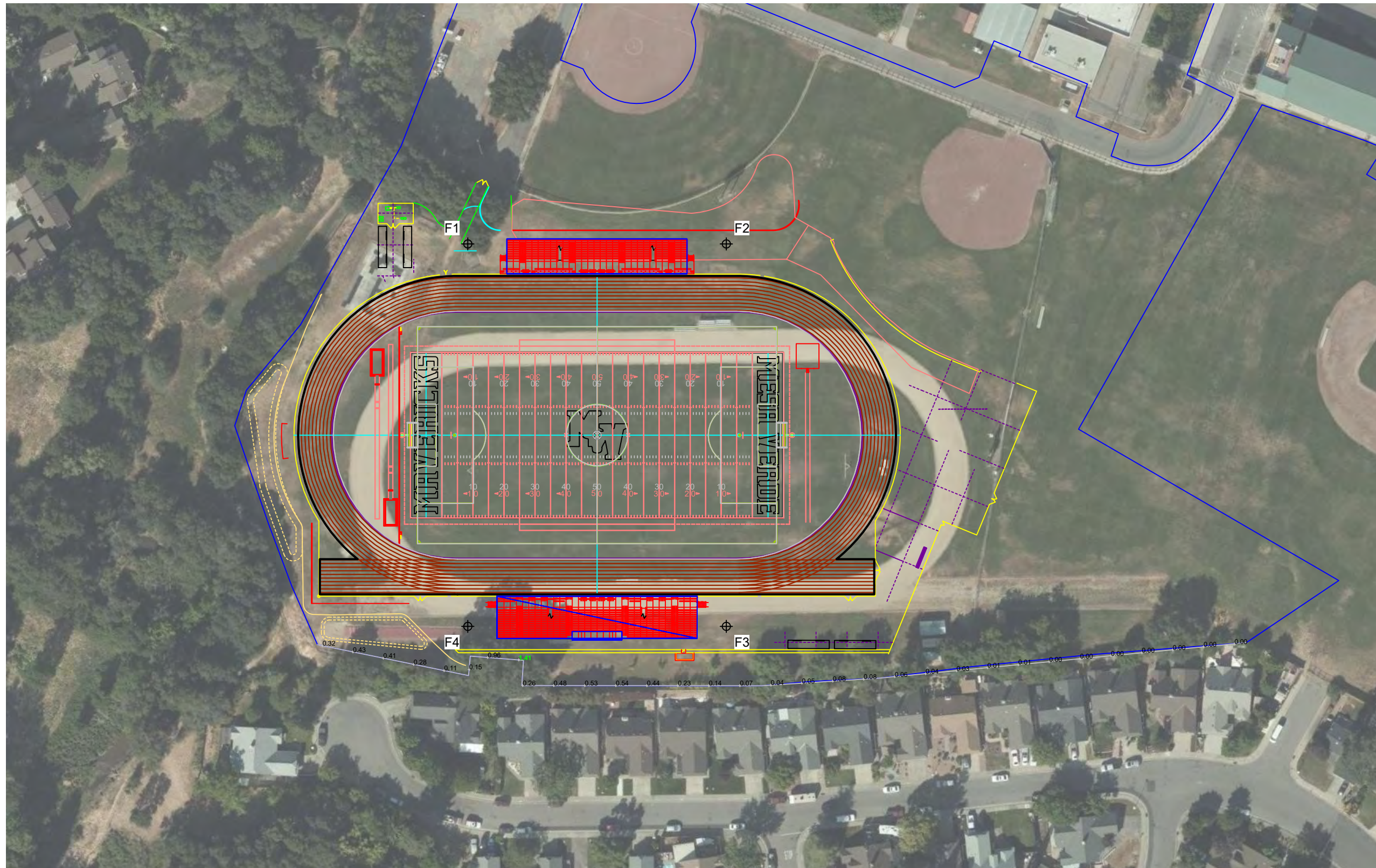
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

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

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.224
Maximum:	1.41
Minimum:	0.00
No. of Points:	32
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

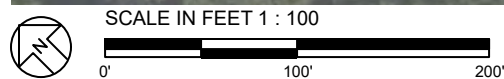


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Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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



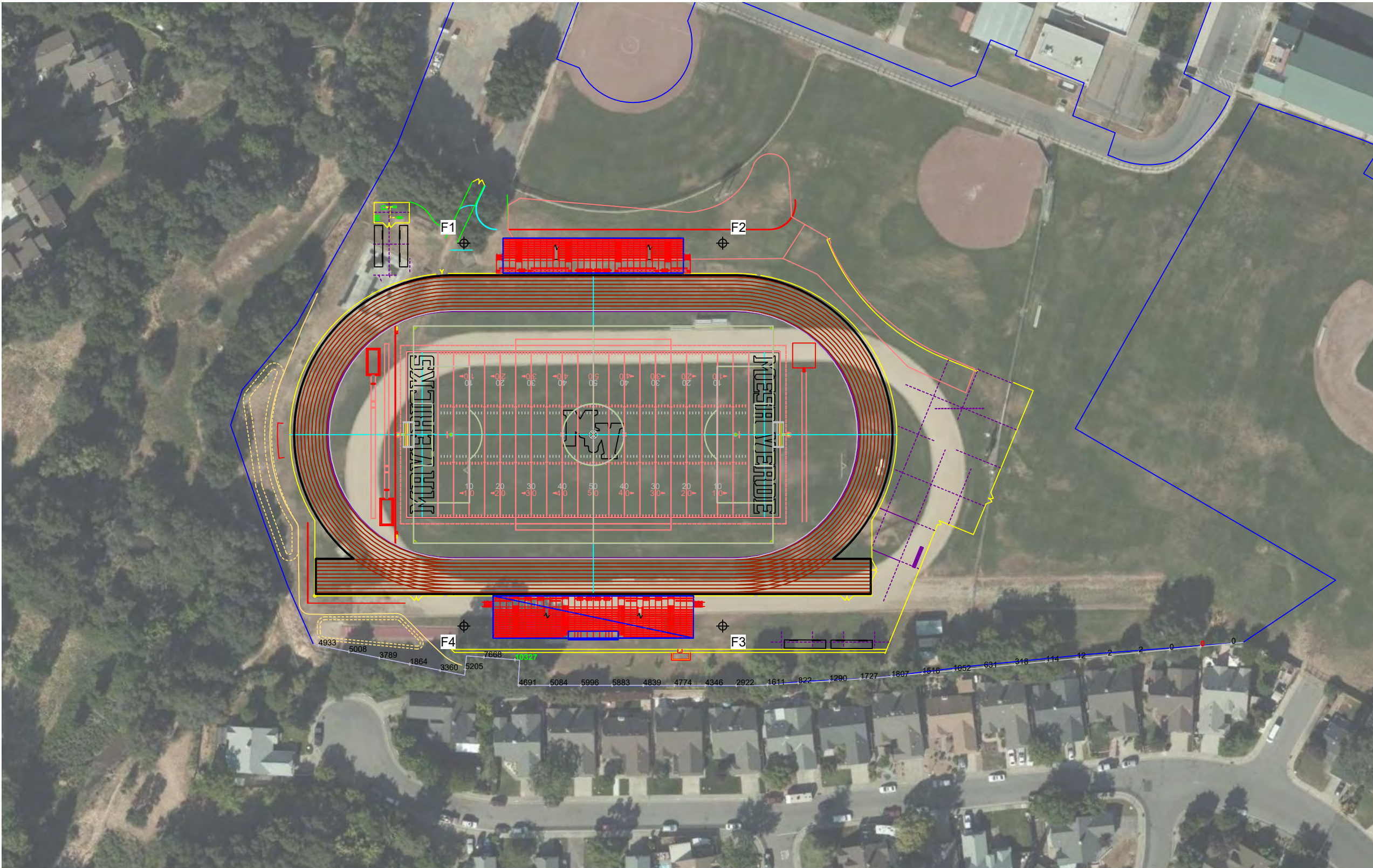
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

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

ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 2862.303
Maximum:	10327.38
Minimum:	0.01
No. of Points:	32
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

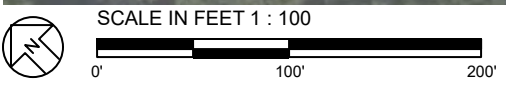


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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



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



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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	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

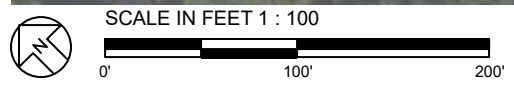
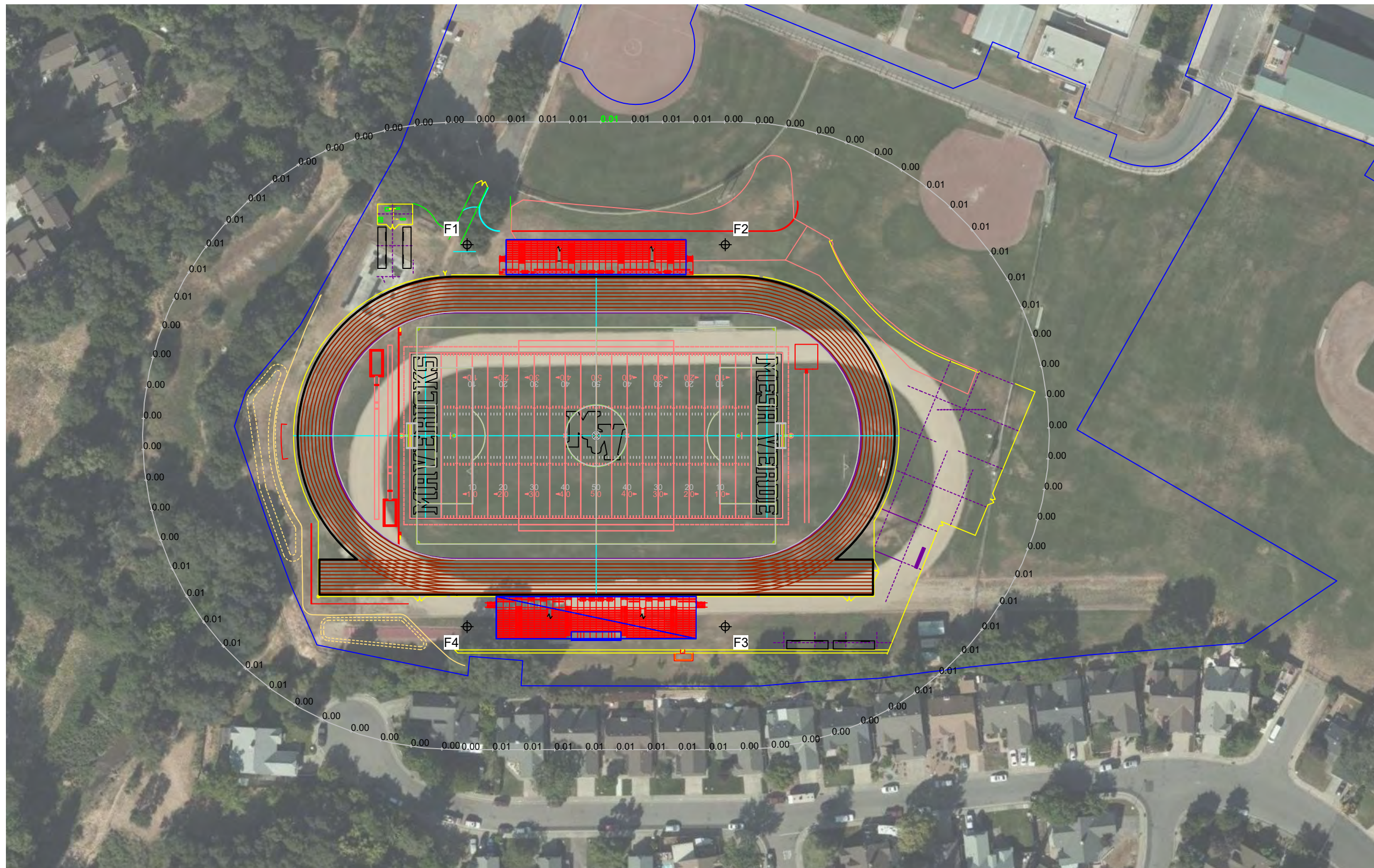
ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.005
Maximum:	0.01
Minimum:	0.00
No. of Points:	82
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

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) ⊗



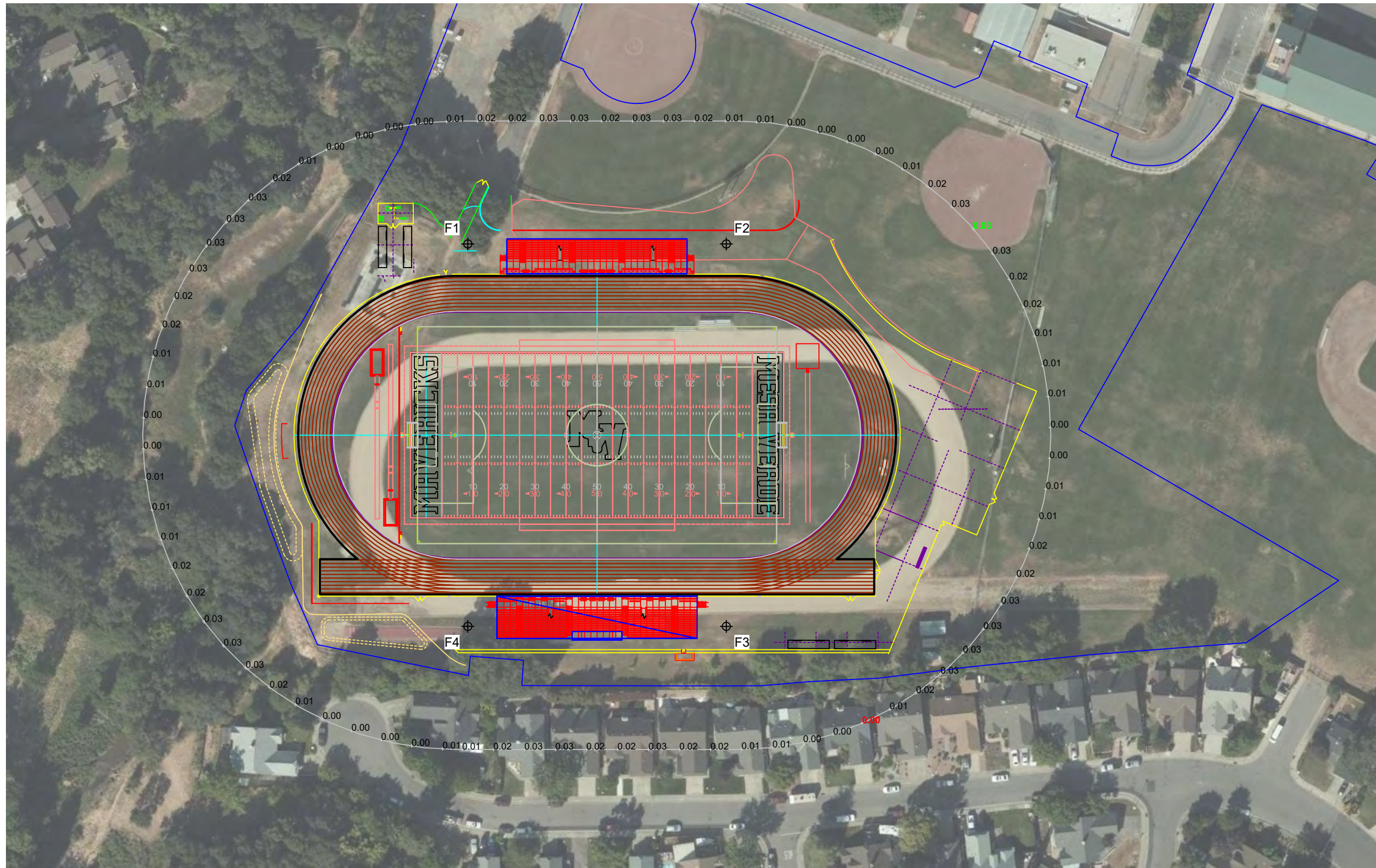
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.015
Maximum:	0.03
Minimum:	0.00
No. of Points:	82
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

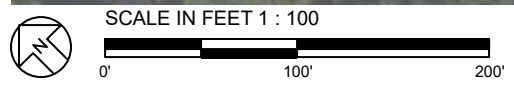


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Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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



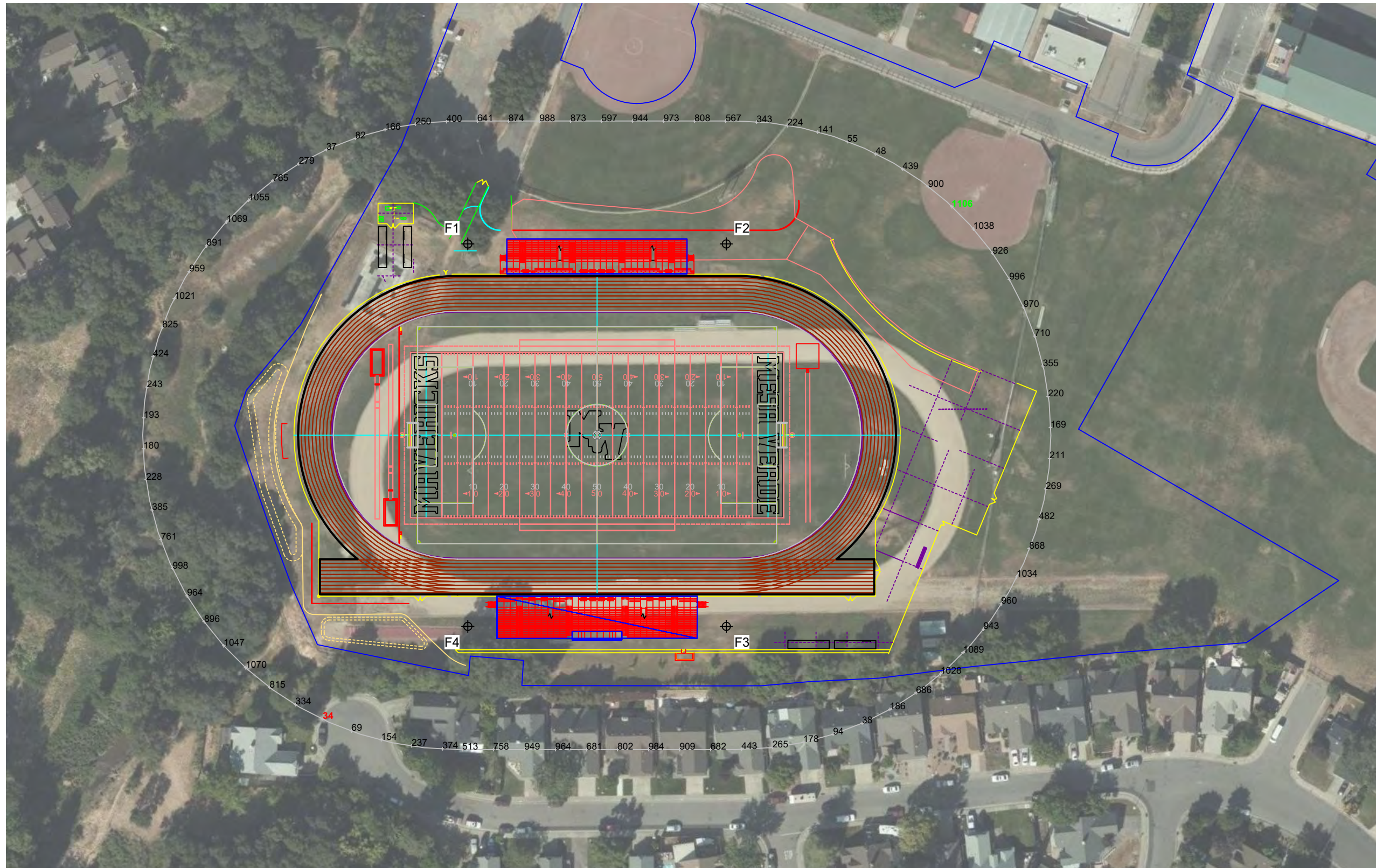
EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	F1-F4	90'	0'	70'	TLC-RGBW	1	0	1	
				15.54'	TLC-BT-575	2	2	0	
				90'	TLC-LED-1500	8	8	0	
4	TOTALS					44	40	4	

Mesa Verde High School Football

Citrus Heights, CA

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 599.126
Maximum:	1106.25
Minimum:	34.21
No. of Points:	82
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	40
Total Load:	50.36 kW

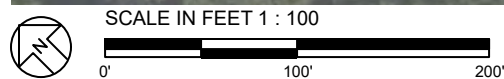


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Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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



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



Mesa Verde High School Football
Citrus Heights, CA

EQUIPMENT LAYOUT

INCLUDES:

- Football 1
- Soccer 1
- Track 1

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

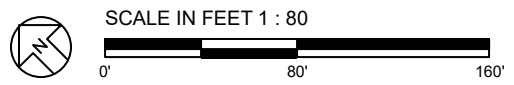
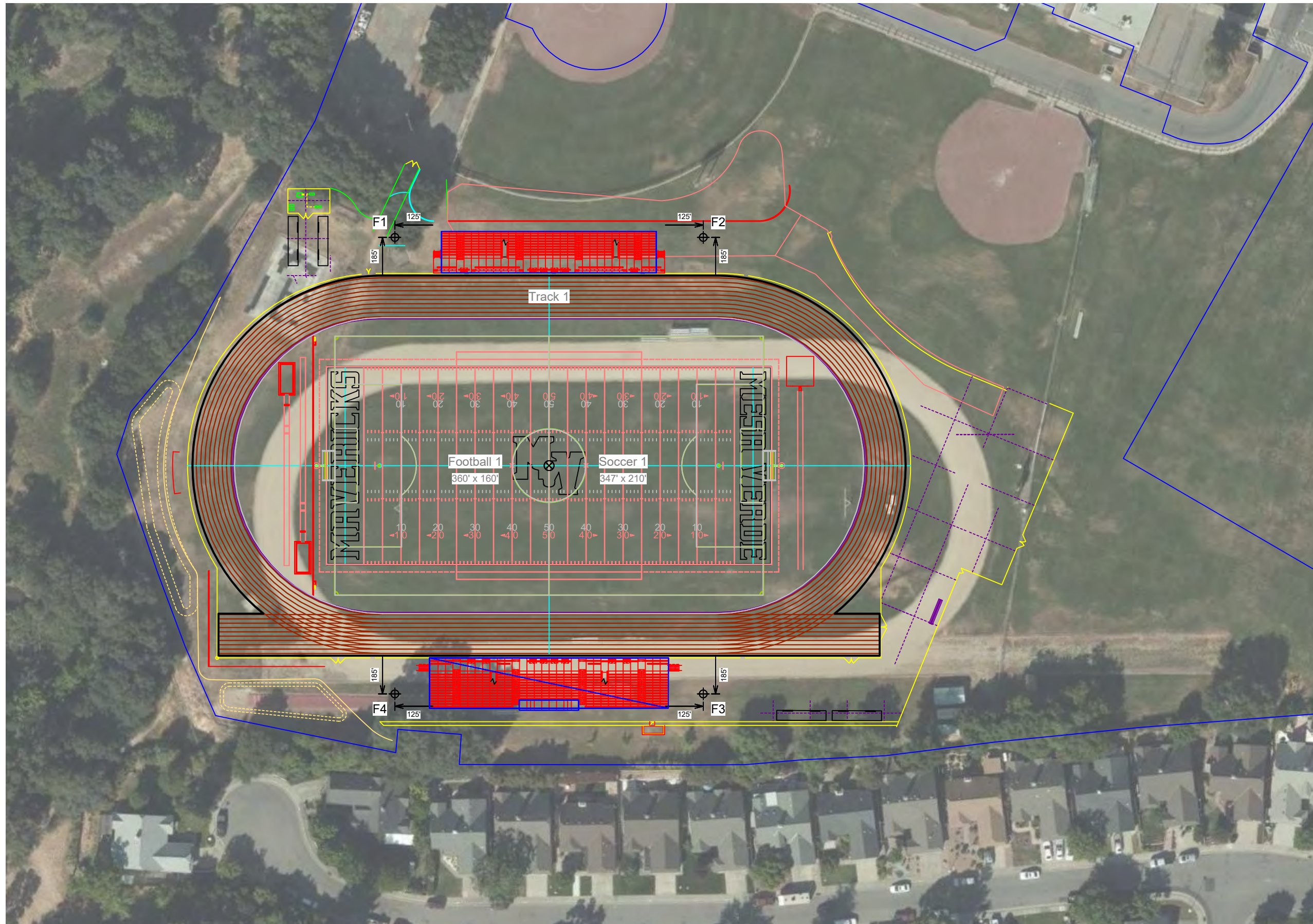
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	Pole		Luminaires		
		SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
4	F1-F4	90'	-	70'	TLC-RGBW	1
				15.5'	TLC-BT-575	2
				90'	TLC-LED-1500	8
4	TOTALS					44

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)
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)
TLC-RGBW	3.4	3.2	3.0	2.6	2.0	1.5
TLC-BT-575	3.4	3.2	2.9	2.5	2.0	1.5
TLC-LED-1500	8.5	8.1	7.4	6.4	5.1	3.7



ENGINEERED DESIGN By: Bryce Miles · File #214909C · 05-Nov-21

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



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APPENDIX B

CALEEMOD REPORT

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Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	0.00		12.00	188,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2023
Utility Company					
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction starting Spring 2022

Land Use - Project area is approximately 12 acres, approximately 2 acres of which is currently paved. Estimated that the stadium is approx. 188,000 sq ft

Construction Phase - Project involves minimal earthwork. Resurfacing of tennis courts, restriping parking lot, installation of light standards.

Off-road Equipment - Modified equipment quantity.

Grading - Conservative estimate of 6 acres graded.

Architectural Coating - Tennis courts

Energy Use - Assumes 15 home football games/school year, 40 boys/girls soccer games/school year, and 15 track meets/school year with lights operating 6 hours during each event

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	300.00	80.00
tblConstructionPhase	NumDays	30.00	20.00

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	LightingElect	3.10	22,227.00
tblEnergyUse	NT24NG	0.66	0.00
tblEnergyUse	T24E	1.83	2.05
tblEnergyUse	T24NG	14.46	0.00
tblFleetMix	HHD	9.3060e-003	0.02
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LHD1	0.03	0.02
tblFleetMix	LHD2	6.0930e-003	5.0920e-003
tblFleetMix	MCY	0.03	5.8190e-003
tblFleetMix	MDV	0.13	0.12
tblFleetMix	MH	3.5070e-003	8.1700e-004
tblFleetMix	MHD	0.01	0.02
tblFleetMix	OBUS	9.4200e-004	2.0090e-003
tblFleetMix	SBUS	1.0060e-003	6.1800e-004
tblFleetMix	UBUS	5.4800e-004	1.9690e-003
tblGrading	AcresOfGrading	60.00	75.00
tblGrading	AcresOfGrading	15.00	0.00
tblVehicleEF	HHD	0.03	0.51
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.00	0.09
tblVehicleEF	HHD	6.64	1.89
tblVehicleEF	HHD	0.39	0.94
tblVehicleEF	HHD	5.0960e-003	2.99
tblVehicleEF	HHD	1,173.23	4,064.59
tblVehicleEF	HHD	1,487.16	1,610.63
tblVehicleEF	HHD	0.05	8.78
tblVehicleEF	HHD	6.73	18.66

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	3.12	2.30
tblVehicleEF	HHD	2.67	19.81
tblVehicleEF	HHD	5.8360e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.03	8.2800e-003
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	5.5840e-003	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7610e-003	8.6240e-003
tblVehicleEF	HHD	0.02	7.9210e-003
tblVehicleEF	HHD	1.0000e-006	7.1000e-005
tblVehicleEF	HHD	6.0000e-006	1.3200e-004
tblVehicleEF	HHD	2.0300e-004	4.7490e-003
tblVehicleEF	HHD	0.47	0.48
tblVehicleEF	HHD	3.0000e-006	6.3000e-005
tblVehicleEF	HHD	0.04	0.09
tblVehicleEF	HHD	1.1200e-004	6.4900e-004
tblVehicleEF	HHD	2.0000e-006	0.08
tblVehicleEF	HHD	0.01	0.04
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.3700e-004
tblVehicleEF	HHD	6.0000e-006	1.3200e-004
tblVehicleEF	HHD	2.0300e-004	4.7490e-003
tblVehicleEF	HHD	0.54	0.56
tblVehicleEF	HHD	3.0000e-006	6.3000e-005
tblVehicleEF	HHD	0.10	0.16
tblVehicleEF	HHD	1.1200e-004	6.4900e-004
tblVehicleEF	HHD	2.0000e-006	0.09

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.03	0.48
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.00	0.09
tblVehicleEF	HHD	6.52	1.38
tblVehicleEF	HHD	0.39	0.95
tblVehicleEF	HHD	4.6950e-003	2.75
tblVehicleEF	HHD	1,165.79	4,306.08
tblVehicleEF	HHD	1,487.16	1,610.63
tblVehicleEF	HHD	0.05	8.78
tblVehicleEF	HHD	6.52	19.26
tblVehicleEF	HHD	2.93	2.16
tblVehicleEF	HHD	2.67	19.79
tblVehicleEF	HHD	5.0080e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.03	8.2800e-003
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	4.7910e-003	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7610e-003	8.6240e-003
tblVehicleEF	HHD	0.02	7.9210e-003
tblVehicleEF	HHD	1.0000e-006	7.1000e-005
tblVehicleEF	HHD	1.7000e-005	3.4400e-004
tblVehicleEF	HHD	2.5100e-004	5.5880e-003
tblVehicleEF	HHD	0.49	0.46
tblVehicleEF	HHD	8.0000e-006	1.6400e-004
tblVehicleEF	HHD	0.04	0.09
tblVehicleEF	HHD	1.1700e-004	6.6000e-004
tblVehicleEF	HHD	2.0000e-006	0.07

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.01	0.04
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.3300e-004
tblVehicleEF	HHD	1.7000e-005	3.4400e-004
tblVehicleEF	HHD	2.5100e-004	5.5880e-003
tblVehicleEF	HHD	0.57	0.53
tblVehicleEF	HHD	8.0000e-006	1.6400e-004
tblVehicleEF	HHD	0.10	0.16
tblVehicleEF	HHD	1.1700e-004	6.6000e-004
tblVehicleEF	HHD	2.0000e-006	0.08
tblVehicleEF	HHD	0.02	0.55
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.00	0.10
tblVehicleEF	HHD	6.80	2.61
tblVehicleEF	HHD	0.39	0.93
tblVehicleEF	HHD	5.6500e-003	3.34
tblVehicleEF	HHD	1,183.49	3,731.12
tblVehicleEF	HHD	1,487.16	1,610.63
tblVehicleEF	HHD	0.05	8.78
tblVehicleEF	HHD	7.01	17.83
tblVehicleEF	HHD	3.19	2.35
tblVehicleEF	HHD	2.67	19.83
tblVehicleEF	HHD	6.9800e-003	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.03	8.2800e-003
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	6.6780e-003	0.03
tblVehicleEF	HHD	0.03	0.03

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	8.7610e-003	8.6240e-003
tblVehicleEF	HHD	0.02	7.9210e-003
tblVehicleEF	HHD	1.0000e-006	7.1000e-005
tblVehicleEF	HHD	1.0000e-006	3.9000e-005
tblVehicleEF	HHD	2.1600e-004	4.8230e-003
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.00	1.5000e-005
tblVehicleEF	HHD	0.04	0.09
tblVehicleEF	HHD	1.1900e-004	7.1200e-004
tblVehicleEF	HHD	2.0000e-006	0.09
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.4300e-004
tblVehicleEF	HHD	1.0000e-006	3.9000e-005
tblVehicleEF	HHD	2.1600e-004	4.8230e-003
tblVehicleEF	HHD	0.50	0.61
tblVehicleEF	HHD	0.00	1.5000e-005
tblVehicleEF	HHD	0.10	0.16
tblVehicleEF	HHD	1.1900e-004	7.1200e-004
tblVehicleEF	HHD	2.0000e-006	0.09
tblVehicleEF	LDA	2.2340e-003	3.8720e-003
tblVehicleEF	LDA	0.05	5.1150e-003
tblVehicleEF	LDA	0.64	0.57
tblVehicleEF	LDA	2.22	1.14
tblVehicleEF	LDA	252.74	242.05
tblVehicleEF	LDA	52.97	55.49
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.19	0.07
tblVehicleEF	LDA	1.4440e-003	1.7400e-003

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tblVehicleEF	LDA	1.8810e-003	2.2840e-003
tblVehicleEF	LDA	1.3300e-003	1.6030e-003
tblVehicleEF	LDA	1.7300e-003	2.1000e-003
tblVehicleEF	LDA	0.06	0.04
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	8.6450e-003	9.7540e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.23	0.07
tblVehicleEF	LDA	2.5000e-003	2.4240e-003
tblVehicleEF	LDA	5.2400e-004	5.7400e-004
tblVehicleEF	LDA	0.06	0.04
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.26	0.08
tblVehicleEF	LDA	2.6410e-003	4.5270e-003
tblVehicleEF	LDA	0.04	4.1720e-003
tblVehicleEF	LDA	0.82	0.73
tblVehicleEF	LDA	1.83	0.93
tblVehicleEF	LDA	280.17	268.80
tblVehicleEF	LDA	52.22	55.49
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.17	0.06
tblVehicleEF	LDA	1.4440e-003	1.7400e-003
tblVehicleEF	LDA	1.8810e-003	2.2840e-003
tblVehicleEF	LDA	1.3300e-003	1.6030e-003
tblVehicleEF	LDA	1.7300e-003	2.1000e-003

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tblVehicleEF	LDA	0.16	0.11
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.11	0.07
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.19	0.06
tblVehicleEF	LDA	2.7720e-003	2.6940e-003
tblVehicleEF	LDA	5.1700e-004	5.7000e-004
tblVehicleEF	LDA	0.16	0.11
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.11	0.07
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.21	0.06
tblVehicleEF	LDA	2.0770e-003	3.6660e-003
tblVehicleEF	LDA	0.06	6.1390e-003
tblVehicleEF	LDA	0.61	0.54
tblVehicleEF	LDA	2.78	1.42
tblVehicleEF	LDA	245.42	234.87
tblVehicleEF	LDA	54.01	55.49
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.21	0.08
tblVehicleEF	LDA	1.4440e-003	1.7400e-003
tblVehicleEF	LDA	1.8810e-003	2.2840e-003
tblVehicleEF	LDA	1.3300e-003	1.6030e-003
tblVehicleEF	LDA	1.7300e-003	2.1000e-003
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.01	6.8200e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	8.1780e-003	9.2450e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.28	0.08
tblVehicleEF	LDA	2.4280e-003	2.3520e-003
tblVehicleEF	LDA	5.3500e-004	5.7900e-004
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.01	6.8200e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.31	0.09
tblVehicleEF	LDT1	4.7010e-003	9.6920e-003
tblVehicleEF	LDT1	0.07	0.01
tblVehicleEF	LDT1	1.07	1.23
tblVehicleEF	LDT1	2.42	2.97
tblVehicleEF	LDT1	300.13	302.92
tblVehicleEF	LDT1	64.01	69.72
tblVehicleEF	LDT1	0.08	0.12
tblVehicleEF	LDT1	0.26	0.17
tblVehicleEF	LDT1	1.8990e-003	2.5380e-003
tblVehicleEF	LDT1	2.4400e-003	3.2850e-003
tblVehicleEF	LDT1	1.7500e-003	2.3400e-003
tblVehicleEF	LDT1	2.2430e-003	3.0210e-003
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.10	0.19
tblVehicleEF	LDT1	0.37	0.20

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	2.9700e-003	3.0440e-003
tblVehicleEF	LDT1	6.3300e-004	7.4900e-004
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.10	0.19
tblVehicleEF	LDT1	0.41	0.22
tblVehicleEF	LDT1	5.5040e-003	0.01
tblVehicleEF	LDT1	0.06	0.01
tblVehicleEF	LDT1	1.35	1.53
tblVehicleEF	LDT1	1.99	2.42
tblVehicleEF	LDT1	328.34	335.00
tblVehicleEF	LDT1	63.10	69.72
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.25	0.16
tblVehicleEF	LDT1	1.8990e-003	2.5380e-003
tblVehicleEF	LDT1	2.4400e-003	3.2850e-003
tblVehicleEF	LDT1	1.7500e-003	2.3400e-003
tblVehicleEF	LDT1	2.2430e-003	3.0210e-003
tblVehicleEF	LDT1	0.37	0.38
tblVehicleEF	LDT1	0.28	0.38
tblVehicleEF	LDT1	0.23	0.24
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.10	0.18
tblVehicleEF	LDT1	0.30	0.16
tblVehicleEF	LDT1	3.2490e-003	3.3690e-003
tblVehicleEF	LDT1	6.2400e-004	7.3900e-004
tblVehicleEF	LDT1	0.37	0.38

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	0.28	0.38
tblVehicleEF	LDT1	0.23	0.24
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.10	0.18
tblVehicleEF	LDT1	0.33	0.18
tblVehicleEF	LDT1	4.3950e-003	9.2650e-003
tblVehicleEF	LDT1	0.09	0.02
tblVehicleEF	LDT1	1.02	1.17
tblVehicleEF	LDT1	3.03	3.72
tblVehicleEF	LDT1	292.62	294.32
tblVehicleEF	LDT1	65.23	69.72
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.30	0.19
tblVehicleEF	LDT1	1.8990e-003	2.5380e-003
tblVehicleEF	LDT1	2.4400e-003	3.2850e-003
tblVehicleEF	LDT1	1.7500e-003	2.3400e-003
tblVehicleEF	LDT1	2.2430e-003	3.0210e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.22
tblVehicleEF	LDT1	0.45	0.24
tblVehicleEF	LDT1	2.8950e-003	2.9570e-003
tblVehicleEF	LDT1	6.4600e-004	7.6200e-004
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.03	0.03

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tblVehicleEF	LDT1	0.13	0.22
tblVehicleEF	LDT1	0.49	0.27
tblVehicleEF	LDT2	3.4500e-003	5.6410e-003
tblVehicleEF	LDT2	0.07	7.6130e-003
tblVehicleEF	LDT2	0.87	0.78
tblVehicleEF	LDT2	2.85	1.64
tblVehicleEF	LDT2	322.93	342.37
tblVehicleEF	LDT2	69.55	78.66
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.30	0.13
tblVehicleEF	LDT2	1.4420e-003	1.7380e-003
tblVehicleEF	LDT2	1.8230e-003	2.3550e-003
tblVehicleEF	LDT2	1.3270e-003	1.5980e-003
tblVehicleEF	LDT2	1.6760e-003	2.1650e-003
tblVehicleEF	LDT2	0.09	0.06
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.07	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.33	0.10
tblVehicleEF	LDT2	3.1950e-003	3.4300e-003
tblVehicleEF	LDT2	6.8800e-004	8.1400e-004
tblVehicleEF	LDT2	0.09	0.06
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.07	0.05
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.36	0.11
tblVehicleEF	LDT2	4.0610e-003	6.5750e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	0.06	6.2060e-003
tblVehicleEF	LDT2	1.10	1.00
tblVehicleEF	LDT2	2.34	1.35
tblVehicleEF	LDT2	350.62	379.33
tblVehicleEF	LDT2	68.55	78.66
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.28	0.12
tblVehicleEF	LDT2	1.4420e-003	1.7380e-003
tblVehicleEF	LDT2	1.8230e-003	2.3550e-003
tblVehicleEF	LDT2	1.3270e-003	1.5980e-003
tblVehicleEF	LDT2	1.6760e-003	2.1650e-003
tblVehicleEF	LDT2	0.23	0.15
tblVehicleEF	LDT2	0.17	0.16
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.27	0.08
tblVehicleEF	LDT2	3.4690e-003	3.8020e-003
tblVehicleEF	LDT2	6.7800e-004	8.0900e-004
tblVehicleEF	LDT2	0.23	0.15
tblVehicleEF	LDT2	0.17	0.16
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.30	0.09
tblVehicleEF	LDT2	3.2120e-003	5.3400e-003
tblVehicleEF	LDT2	0.08	9.1320e-003
tblVehicleEF	LDT2	0.82	0.74
tblVehicleEF	LDT2	3.58	2.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	315.55	332.46
tblVehicleEF	LDT2	70.92	78.66
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.34	0.15
tblVehicleEF	LDT2	1.4420e-003	1.7380e-003
tblVehicleEF	LDT2	1.8230e-003	2.3550e-003
tblVehicleEF	LDT2	1.3270e-003	1.5980e-003
tblVehicleEF	LDT2	1.6760e-003	2.1650e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.40	0.12
tblVehicleEF	LDT2	3.1220e-003	3.3310e-003
tblVehicleEF	LDT2	7.0200e-004	8.2100e-004
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.44	0.13
tblVehicleEF	LHD1	4.8800e-003	5.1700e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.14
tblVehicleEF	LHD1	0.98	1.22
tblVehicleEF	LHD1	1.05	2.57
tblVehicleEF	LHD1	9.29	9.21

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tblVehicleEF	LHD1	795.37	695.68
tblVehicleEF	LHD1	11.05	30.60
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	1.28	1.85
tblVehicleEF	LHD1	0.32	0.99
tblVehicleEF	LHD1	9.3900e-004	9.9000e-004
tblVehicleEF	LHD1	9.8860e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5500e-004	9.4000e-004
tblVehicleEF	LHD1	8.9800e-004	9.4700e-004
tblVehicleEF	LHD1	2.4720e-003	2.5290e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.3400e-004	8.6500e-004
tblVehicleEF	LHD1	2.9000e-003	3.5260e-003
tblVehicleEF	LHD1	0.09	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1620e-003	1.4190e-003
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.25	0.35
tblVehicleEF	LHD1	0.08	0.26
tblVehicleEF	LHD1	9.0000e-005	9.2000e-005
tblVehicleEF	LHD1	7.7550e-003	6.8260e-003
tblVehicleEF	LHD1	1.0900e-004	3.5400e-004
tblVehicleEF	LHD1	2.9000e-003	3.5260e-003
tblVehicleEF	LHD1	0.09	0.11
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.1620e-003	1.4190e-003
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.25	0.35

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD1	0.09	0.29
tblVehicleEF	LHD1	4.8950e-003	5.1700e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.18	0.14
tblVehicleEF	LHD1	1.01	1.24
tblVehicleEF	LHD1	0.97	2.36
tblVehicleEF	LHD1	9.29	9.21
tblVehicleEF	LHD1	795.41	695.68
tblVehicleEF	LHD1	10.91	30.60
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	1.19	1.73
tblVehicleEF	LHD1	0.30	0.93
tblVehicleEF	LHD1	9.3900e-004	9.9000e-004
tblVehicleEF	LHD1	9.8860e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5500e-004	9.4000e-004
tblVehicleEF	LHD1	8.9800e-004	9.4700e-004
tblVehicleEF	LHD1	2.4720e-003	2.5290e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.3400e-004	8.6500e-004
tblVehicleEF	LHD1	7.4240e-003	9.0080e-003
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9510e-003	3.5830e-003
tblVehicleEF	LHD1	0.12	0.15
tblVehicleEF	LHD1	0.25	0.35
tblVehicleEF	LHD1	0.07	0.25
tblVehicleEF	LHD1	9.0000e-005	9.2000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD1	7.7550e-003	6.8270e-003
tblVehicleEF	LHD1	1.0800e-004	3.5100e-004
tblVehicleEF	LHD1	7.4240e-003	9.0080e-003
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.9510e-003	3.5830e-003
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	0.25	0.35
tblVehicleEF	LHD1	0.08	0.27
tblVehicleEF	LHD1	4.8620e-003	5.1700e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.14
tblVehicleEF	LHD1	0.96	1.19
tblVehicleEF	LHD1	1.16	2.85
tblVehicleEF	LHD1	9.29	9.21
tblVehicleEF	LHD1	795.32	695.68
tblVehicleEF	LHD1	11.25	30.60
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	1.32	1.90
tblVehicleEF	LHD1	0.34	1.08
tblVehicleEF	LHD1	9.3900e-004	9.9000e-004
tblVehicleEF	LHD1	9.8860e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5500e-004	9.4000e-004
tblVehicleEF	LHD1	8.9800e-004	9.4700e-004
tblVehicleEF	LHD1	2.4720e-003	2.5290e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.3400e-004	8.6500e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD1	8.3400e-004	1.0270e-003
tblVehicleEF	LHD1	0.09	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0400e-004	3.7700e-004
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.28	0.39
tblVehicleEF	LHD1	0.09	0.28
tblVehicleEF	LHD1	9.0000e-005	9.2000e-005
tblVehicleEF	LHD1	7.7540e-003	6.8260e-003
tblVehicleEF	LHD1	1.1100e-004	3.6000e-004
tblVehicleEF	LHD1	8.3400e-004	1.0270e-003
tblVehicleEF	LHD1	0.09	0.12
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	3.0400e-004	3.7700e-004
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.28	0.39
tblVehicleEF	LHD1	0.09	0.31
tblVehicleEF	LHD2	3.1980e-003	3.4400e-003
tblVehicleEF	LHD2	8.0840e-003	9.1190e-003
tblVehicleEF	LHD2	9.0150e-003	7.9850e-003
tblVehicleEF	LHD2	0.14	0.12
tblVehicleEF	LHD2	0.76	0.68
tblVehicleEF	LHD2	0.61	1.23
tblVehicleEF	LHD2	14.43	14.20
tblVehicleEF	LHD2	784.37	713.79
tblVehicleEF	LHD2	7.72	24.02
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.36	1.17
tblVehicleEF	LHD2	0.19	0.50

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tblVehicleEF	LHD2	1.4350e-003	1.2700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2500e-004	4.1800e-004
tblVehicleEF	LHD2	1.3730e-003	1.2150e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1500e-004	3.8400e-004
tblVehicleEF	LHD2	1.4220e-003	1.2350e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	5.9700e-004	5.3500e-004
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.05	0.11
tblVehicleEF	LHD2	7.5730e-003	6.9420e-003
tblVehicleEF	LHD2	7.6000e-005	2.6300e-004
tblVehicleEF	LHD2	1.4220e-003	1.2350e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.9700e-004	5.3500e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	3.2080e-003	3.4400e-003
tblVehicleEF	LHD2	8.1850e-003	9.2730e-003
tblVehicleEF	LHD2	8.4970e-003	7.5270e-003
tblVehicleEF	LHD2	0.14	0.12
tblVehicleEF	LHD2	0.77	0.69
tblVehicleEF	LHD2	0.56	1.13

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tblVehicleEF	LHD2	14.43	14.20
tblVehicleEF	LHD2	784.39	713.79
tblVehicleEF	LHD2	7.64	24.02
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.27	1.10
tblVehicleEF	LHD2	0.18	0.47
tblVehicleEF	LHD2	1.4350e-003	1.2700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2500e-004	4.1800e-004
tblVehicleEF	LHD2	1.3730e-003	1.2150e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1500e-004	3.8400e-004
tblVehicleEF	LHD2	3.6200e-003	3.1270e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4970e-003	1.3260e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.04	0.10
tblVehicleEF	LHD2	7.5730e-003	6.9420e-003
tblVehicleEF	LHD2	7.6000e-005	2.6100e-004
tblVehicleEF	LHD2	3.6200e-003	3.1270e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4970e-003	1.3260e-003
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.05	0.11

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tblVehicleEF	LHD2	3.1870e-003	3.4400e-003
tblVehicleEF	LHD2	7.9730e-003	8.9530e-003
tblVehicleEF	LHD2	9.6280e-003	8.5390e-003
tblVehicleEF	LHD2	0.14	0.12
tblVehicleEF	LHD2	0.75	0.67
tblVehicleEF	LHD2	0.67	1.35
tblVehicleEF	LHD2	14.43	14.20
tblVehicleEF	LHD2	784.36	713.79
tblVehicleEF	LHD2	7.83	24.02
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.39	1.20
tblVehicleEF	LHD2	0.21	0.53
tblVehicleEF	LHD2	1.4350e-003	1.2700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2500e-004	4.1800e-004
tblVehicleEF	LHD2	1.3730e-003	1.2150e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1500e-004	3.8400e-004
tblVehicleEF	LHD2	4.2800e-004	3.8100e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.6100e-004	1.4600e-004
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	7.5730e-003	6.9420e-003
tblVehicleEF	LHD2	7.8000e-005	2.6500e-004
tblVehicleEF	LHD2	4.2800e-004	3.8100e-004

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tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6100e-004	1.4600e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.05	0.13
tblVehicleEF	MCY	0.34	0.44
tblVehicleEF	MCY	0.26	0.16
tblVehicleEF	MCY	19.91	19.91
tblVehicleEF	MCY	8.95	10.13
tblVehicleEF	MCY	210.77	168.57
tblVehicleEF	MCY	62.73	47.30
tblVehicleEF	MCY	1.15	1.15
tblVehicleEF	MCY	0.27	0.32
tblVehicleEF	MCY	1.9580e-003	1.9270e-003
tblVehicleEF	MCY	3.0640e-003	3.4820e-003
tblVehicleEF	MCY	1.8330e-003	1.8040e-003
tblVehicleEF	MCY	2.8900e-003	3.2840e-003
tblVehicleEF	MCY	1.40	1.41
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.66	0.67
tblVehicleEF	MCY	2.34	2.34
tblVehicleEF	MCY	0.66	0.67
tblVehicleEF	MCY	1.98	2.25
tblVehicleEF	MCY	2.0860e-003	2.0790e-003
tblVehicleEF	MCY	6.2100e-004	7.0500e-004
tblVehicleEF	MCY	1.40	1.41
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.66	0.67

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tblVehicleEF	MCY	2.87	2.87
tblVehicleEF	MCY	0.66	0.67
tblVehicleEF	MCY	2.16	2.44
tblVehicleEF	MCY	0.33	0.43
tblVehicleEF	MCY	0.22	0.14
tblVehicleEF	MCY	20.13	20.13
tblVehicleEF	MCY	8.02	9.11
tblVehicleEF	MCY	210.89	168.57
tblVehicleEF	MCY	60.16	47.30
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	0.25	0.29
tblVehicleEF	MCY	1.9580e-003	1.9270e-003
tblVehicleEF	MCY	3.0640e-003	3.4820e-003
tblVehicleEF	MCY	1.8330e-003	1.8040e-003
tblVehicleEF	MCY	2.8900e-003	3.2840e-003
tblVehicleEF	MCY	3.89	3.90
tblVehicleEF	MCY	1.50	1.49
tblVehicleEF	MCY	2.15	2.16
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	1.65	1.88
tblVehicleEF	MCY	2.0870e-003	2.0800e-003
tblVehicleEF	MCY	5.9500e-004	6.7700e-004
tblVehicleEF	MCY	3.89	3.90
tblVehicleEF	MCY	1.50	1.49
tblVehicleEF	MCY	2.15	2.16
tblVehicleEF	MCY	2.79	2.79
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	1.80	2.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	0.36	0.46
tblVehicleEF	MCY	0.32	0.20
tblVehicleEF	MCY	21.93	21.93
tblVehicleEF	MCY	10.80	12.14
tblVehicleEF	MCY	214.49	168.57
tblVehicleEF	MCY	67.31	47.30
tblVehicleEF	MCY	1.27	1.27
tblVehicleEF	MCY	0.30	0.35
tblVehicleEF	MCY	1.9580e-003	1.9270e-003
tblVehicleEF	MCY	3.0640e-003	3.4820e-003
tblVehicleEF	MCY	1.8330e-003	1.8040e-003
tblVehicleEF	MCY	2.8900e-003	3.2840e-003
tblVehicleEF	MCY	0.27	0.27
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.49	2.49
tblVehicleEF	MCY	0.78	0.78
tblVehicleEF	MCY	2.48	2.78
tblVehicleEF	MCY	2.1230e-003	2.1160e-003
tblVehicleEF	MCY	6.6600e-004	7.5400e-004
tblVehicleEF	MCY	0.27	0.27
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	3.04	3.04
tblVehicleEF	MCY	0.78	0.78
tblVehicleEF	MCY	2.69	3.03
tblVehicleEF	MDV	4.4540e-003	0.01
tblVehicleEF	MDV	0.09	0.02
tblVehicleEF	MDV	0.99	1.21

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tblVehicleEF	MDV	3.29	3.08
tblVehicleEF	MDV	396.55	464.34
tblVehicleEF	MDV	85.18	105.74
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	0.37	0.27
tblVehicleEF	MDV	1.5480e-003	1.8280e-003
tblVehicleEF	MDV	1.9510e-003	2.4820e-003
tblVehicleEF	MDV	1.4270e-003	1.6850e-003
tblVehicleEF	MDV	1.7940e-003	2.2820e-003
tblVehicleEF	MDV	0.11	0.09
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.08	0.12
tblVehicleEF	MDV	0.43	0.24
tblVehicleEF	MDV	3.9200e-003	4.6510e-003
tblVehicleEF	MDV	8.4300e-004	1.1120e-003
tblVehicleEF	MDV	0.11	0.09
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.12
tblVehicleEF	MDV	0.47	0.26
tblVehicleEF	MDV	5.2520e-003	0.01
tblVehicleEF	MDV	0.07	0.01
tblVehicleEF	MDV	1.25	1.54
tblVehicleEF	MDV	2.69	2.53
tblVehicleEF	MDV	425.29	513.18
tblVehicleEF	MDV	83.98	105.74

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.08	0.13
tblVehicleEF	MDV	0.34	0.25
tblVehicleEF	MDV	1.5480e-003	1.8280e-003
tblVehicleEF	MDV	1.9510e-003	2.4820e-003
tblVehicleEF	MDV	1.4270e-003	1.6850e-003
tblVehicleEF	MDV	1.7940e-003	2.2820e-003
tblVehicleEF	MDV	0.28	0.24
tblVehicleEF	MDV	0.20	0.24
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.08	0.12
tblVehicleEF	MDV	0.36	0.19
tblVehicleEF	MDV	4.2050e-003	5.1440e-003
tblVehicleEF	MDV	8.3100e-004	1.1010e-003
tblVehicleEF	MDV	0.28	0.24
tblVehicleEF	MDV	0.20	0.24
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.08	0.12
tblVehicleEF	MDV	0.39	0.21
tblVehicleEF	MDV	4.1650e-003	0.01
tblVehicleEF	MDV	0.10	0.02
tblVehicleEF	MDV	0.94	1.15
tblVehicleEF	MDV	4.14	3.85
tblVehicleEF	MDV	388.90	451.25
tblVehicleEF	MDV	86.81	105.74
tblVehicleEF	MDV	0.10	0.16
tblVehicleEF	MDV	0.41	0.31
tblVehicleEF	MDV	1.5480e-003	1.8280e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	1.9510e-003	2.4820e-003
tblVehicleEF	MDV	1.4270e-003	1.6850e-003
tblVehicleEF	MDV	1.7940e-003	2.2820e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	0.52	0.28
tblVehicleEF	MDV	3.8450e-003	4.5200e-003
tblVehicleEF	MDV	8.5900e-004	1.1250e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	0.57	0.31
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.23	2.34
tblVehicleEF	MH	2.15	5.97
tblVehicleEF	MH	1,581.14	1,228.37
tblVehicleEF	MH	19.08	59.78
tblVehicleEF	MH	1.62	1.53
tblVehicleEF	MH	0.25	0.89
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.6200e-004	1.1320e-003
tblVehicleEF	MH	3.2670e-003	3.2150e-003

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tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.4100e-004	1.0410e-003
tblVehicleEF	MH	1.01	1.26
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	0.26	0.32
tblVehicleEF	MH	0.08	0.11
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.10	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	1.8900e-004	7.0200e-004
tblVehicleEF	MH	1.01	1.26
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	0.26	0.32
tblVehicleEF	MH	0.11	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.11	0.38
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.27	2.43
tblVehicleEF	MH	1.94	5.34
tblVehicleEF	MH	1,581.22	1,228.37
tblVehicleEF	MH	18.72	59.78
tblVehicleEF	MH	1.49	1.39
tblVehicleEF	MH	0.23	0.83
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.6200e-004	1.1320e-003
tblVehicleEF	MH	3.2670e-003	3.2150e-003
tblVehicleEF	MH	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	2.4100e-004	1.0410e-003
tblVehicleEF	MH	2.59	3.25
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.68	0.83
tblVehicleEF	MH	0.08	0.11
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.09	0.32
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	1.8500e-004	6.9100e-004
tblVehicleEF	MH	2.59	3.25
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.68	0.83
tblVehicleEF	MH	0.11	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.10	0.35
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.18	2.23
tblVehicleEF	MH	2.42	6.78
tblVehicleEF	MH	1,581.06	1,228.37
tblVehicleEF	MH	19.53	59.78
tblVehicleEF	MH	1.67	1.59
tblVehicleEF	MH	0.27	0.96
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.6200e-004	1.1320e-003
tblVehicleEF	MH	3.2670e-003	3.2150e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.4100e-004	1.0410e-003

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tblVehicleEF	MH	0.30	0.36
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.11	0.38
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	1.9300e-004	7.1600e-004
tblVehicleEF	MH	0.30	0.36
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.10	0.14
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.12	0.41
tblVehicleEF	MHD	4.3960e-003	0.02
tblVehicleEF	MHD	2.6650e-003	5.6920e-003
tblVehicleEF	MHD	0.01	0.05
tblVehicleEF	MHD	0.58	0.34
tblVehicleEF	MHD	0.33	0.43
tblVehicleEF	MHD	1.33	5.98
tblVehicleEF	MHD	149.48	147.33
tblVehicleEF	MHD	1,120.85	1,200.17
tblVehicleEF	MHD	11.30	56.31
tblVehicleEF	MHD	1.22	0.55
tblVehicleEF	MHD	1.73	1.35
tblVehicleEF	MHD	1.59	11.37
tblVehicleEF	MHD	1.9100e-003	4.9800e-004
tblVehicleEF	MHD	8.6060e-003	4.1630e-003
tblVehicleEF	MHD	1.2600e-004	7.2600e-004

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tblVehicleEF	MHD	1.8280e-003	4.7700e-004
tblVehicleEF	MHD	8.2280e-003	3.9780e-003
tblVehicleEF	MHD	1.1600e-004	6.6800e-004
tblVehicleEF	MHD	8.1000e-004	1.3970e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	3.3900e-004	5.9800e-004
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.06	0.36
tblVehicleEF	MHD	1.4160e-003	1.4170e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	1.1200e-004	6.6800e-004
tblVehicleEF	MHD	8.1000e-004	1.3970e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.3900e-004	5.9800e-004
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.07	0.40
tblVehicleEF	MHD	4.1540e-003	0.01
tblVehicleEF	MHD	2.7400e-003	5.8300e-003
tblVehicleEF	MHD	0.01	0.05
tblVehicleEF	MHD	0.49	0.24
tblVehicleEF	MHD	0.34	0.44
tblVehicleEF	MHD	1.23	5.50
tblVehicleEF	MHD	151.49	156.21
tblVehicleEF	MHD	1,120.86	1,200.17
tblVehicleEF	MHD	11.12	56.31

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	1.22	0.57
tblVehicleEF	MHD	1.61	1.26
tblVehicleEF	MHD	1.58	11.32
tblVehicleEF	MHD	1.6160e-003	4.2000e-004
tblVehicleEF	MHD	8.6060e-003	4.1630e-003
tblVehicleEF	MHD	1.2600e-004	7.2600e-004
tblVehicleEF	MHD	1.5460e-003	4.0200e-004
tblVehicleEF	MHD	8.2280e-003	3.9780e-003
tblVehicleEF	MHD	1.1600e-004	6.6800e-004
tblVehicleEF	MHD	2.0910e-003	3.5900e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.7800e-004	1.5280e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.06	0.34
tblVehicleEF	MHD	1.4350e-003	1.5000e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	1.1000e-004	6.6000e-004
tblVehicleEF	MHD	2.0910e-003	3.5900e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.7800e-004	1.5280e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.06	0.37
tblVehicleEF	MHD	4.6320e-003	0.02
tblVehicleEF	MHD	2.5820e-003	5.5380e-003
tblVehicleEF	MHD	0.01	0.06

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.67	0.45
tblVehicleEF	MHD	0.32	0.42
tblVehicleEF	MHD	1.48	6.64
tblVehicleEF	MHD	146.86	135.41
tblVehicleEF	MHD	1,120.83	1,200.17
tblVehicleEF	MHD	11.55	56.31
tblVehicleEF	MHD	1.21	0.53
tblVehicleEF	MHD	1.76	1.38
tblVehicleEF	MHD	1.60	11.44
tblVehicleEF	MHD	2.3170e-003	6.0700e-004
tblVehicleEF	MHD	8.6060e-003	4.1630e-003
tblVehicleEF	MHD	1.2600e-004	7.2600e-004
tblVehicleEF	MHD	2.2170e-003	5.8000e-004
tblVehicleEF	MHD	8.2280e-003	3.9780e-003
tblVehicleEF	MHD	1.1600e-004	6.6800e-004
tblVehicleEF	MHD	2.3300e-004	4.1200e-004
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.6000e-005	1.5500e-004
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.07	0.39
tblVehicleEF	MHD	1.3910e-003	1.3040e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	1.1400e-004	6.7900e-004
tblVehicleEF	MHD	2.3300e-004	4.1200e-004
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	8.6000e-005	1.5500e-004

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.07	0.43
tblVehicleEF	OBUS	7.9010e-003	0.01
tblVehicleEF	OBUS	7.1450e-003	0.01
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.62	0.25
tblVehicleEF	OBUS	0.82	0.73
tblVehicleEF	OBUS	2.45	6.40
tblVehicleEF	OBUS	93.78	118.51
tblVehicleEF	OBUS	1,455.82	1,341.42
tblVehicleEF	OBUS	18.64	68.28
tblVehicleEF	OBUS	0.37	0.26
tblVehicleEF	OBUS	1.45	1.02
tblVehicleEF	OBUS	0.93	2.80
tblVehicleEF	OBUS	1.2300e-004	2.4000e-005
tblVehicleEF	OBUS	8.0470e-003	2.7840e-003
tblVehicleEF	OBUS	1.6700e-004	7.9300e-004
tblVehicleEF	OBUS	1.1800e-004	2.3000e-005
tblVehicleEF	OBUS	7.6840e-003	2.6440e-003
tblVehicleEF	OBUS	1.5400e-004	7.2900e-004
tblVehicleEF	OBUS	2.2060e-003	2.1070e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.03
tblVehicleEF	OBUS	6.9500e-004	6.7300e-004
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	0.12	0.39
tblVehicleEF	OBUS	8.9200e-004	1.1430e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8400e-004	7.9500e-004
tblVehicleEF	OBUS	2.2060e-003	2.1070e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	6.9500e-004	6.7300e-004
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	0.13	0.43
tblVehicleEF	OBUS	8.0000e-003	0.01
tblVehicleEF	OBUS	7.3740e-003	0.01
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.24
tblVehicleEF	OBUS	0.85	0.75
tblVehicleEF	OBUS	2.20	5.76
tblVehicleEF	OBUS	92.69	124.56
tblVehicleEF	OBUS	1,455.87	1,341.42
tblVehicleEF	OBUS	18.23	68.28
tblVehicleEF	OBUS	0.35	0.27
tblVehicleEF	OBUS	1.34	0.94
tblVehicleEF	OBUS	0.91	2.73
tblVehicleEF	OBUS	1.0900e-004	2.0000e-005
tblVehicleEF	OBUS	8.0470e-003	2.7840e-003
tblVehicleEF	OBUS	1.6700e-004	7.9300e-004
tblVehicleEF	OBUS	1.0500e-004	1.9000e-005
tblVehicleEF	OBUS	7.6840e-003	2.6440e-003
tblVehicleEF	OBUS	1.5400e-004	7.2900e-004
tblVehicleEF	OBUS	5.5670e-003	5.3230e-003
tblVehicleEF	OBUS	0.03	0.03

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.05	0.03
tblVehicleEF	OBUS	1.7030e-003	1.6570e-003
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	0.11	0.37
tblVehicleEF	OBUS	8.8200e-004	1.2000e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8000e-004	7.8400e-004
tblVehicleEF	OBUS	5.5670e-003	5.3230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	1.7030e-003	1.6570e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.07	0.05
tblVehicleEF	OBUS	0.12	0.40
tblVehicleEF	OBUS	7.7740e-003	0.01
tblVehicleEF	OBUS	6.8870e-003	0.01
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.62	0.26
tblVehicleEF	OBUS	0.80	0.71
tblVehicleEF	OBUS	2.74	7.18
tblVehicleEF	OBUS	95.29	110.16
tblVehicleEF	OBUS	1,455.78	1,341.42
tblVehicleEF	OBUS	19.14	68.28
tblVehicleEF	OBUS	0.39	0.25
tblVehicleEF	OBUS	1.50	1.05
tblVehicleEF	OBUS	0.95	2.89
tblVehicleEF	OBUS	1.4200e-004	2.9000e-005
tblVehicleEF	OBUS	8.0470e-003	2.7840e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	1.6700e-004	7.9300e-004
tblVehicleEF	OBUS	1.3600e-004	2.8000e-005
tblVehicleEF	OBUS	7.6840e-003	2.6440e-003
tblVehicleEF	OBUS	1.5400e-004	7.2900e-004
tblVehicleEF	OBUS	7.5700e-004	7.2700e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.03
tblVehicleEF	OBUS	2.0700e-004	2.0000e-004
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.08	0.06
tblVehicleEF	OBUS	0.13	0.43
tblVehicleEF	OBUS	9.0600e-004	1.0630e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8900e-004	8.0800e-004
tblVehicleEF	OBUS	7.5700e-004	7.2700e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	2.0700e-004	2.0000e-004
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.08	0.06
tblVehicleEF	OBUS	0.14	0.47
tblVehicleEF	SBUS	0.03	0.83
tblVehicleEF	SBUS	6.0720e-003	0.01
tblVehicleEF	SBUS	2.2260e-003	0.07
tblVehicleEF	SBUS	1.27	6.83
tblVehicleEF	SBUS	0.40	0.61
tblVehicleEF	SBUS	0.34	6.27
tblVehicleEF	SBUS	337.02	1,187.63
tblVehicleEF	SBUS	1,102.65	1,087.79

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1.91	45.81
tblVehicleEF	SBUS	3.92	9.97
tblVehicleEF	SBUS	6.39	4.02
tblVehicleEF	SBUS	0.66	13.59
tblVehicleEF	SBUS	4.5930e-003	9.5790e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.7000e-005	6.3500e-004
tblVehicleEF	SBUS	4.3940e-003	9.1650e-003
tblVehicleEF	SBUS	2.8420e-003	2.6830e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.5000e-005	5.8400e-004
tblVehicleEF	SBUS	4.3200e-004	3.4930e-003
tblVehicleEF	SBUS	2.9240e-003	0.03
tblVehicleEF	SBUS	0.13	0.81
tblVehicleEF	SBUS	1.1200e-004	1.1260e-003
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	7.0050e-003	0.01
tblVehicleEF	SBUS	0.01	0.33
tblVehicleEF	SBUS	3.1950e-003	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.9000e-005	5.6700e-004
tblVehicleEF	SBUS	4.3200e-004	3.4930e-003
tblVehicleEF	SBUS	2.9240e-003	0.03
tblVehicleEF	SBUS	0.18	1.17
tblVehicleEF	SBUS	1.1200e-004	1.1260e-003
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	7.0050e-003	0.01
tblVehicleEF	SBUS	0.01	0.36

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.03	0.83
tblVehicleEF	SBUS	6.1290e-003	0.01
tblVehicleEF	SBUS	1.7760e-003	0.05
tblVehicleEF	SBUS	1.23	6.71
tblVehicleEF	SBUS	0.40	0.62
tblVehicleEF	SBUS	0.23	4.17
tblVehicleEF	SBUS	348.72	1,244.76
tblVehicleEF	SBUS	1,102.66	1,087.79
tblVehicleEF	SBUS	1.72	45.81
tblVehicleEF	SBUS	4.03	10.29
tblVehicleEF	SBUS	5.97	3.75
tblVehicleEF	SBUS	0.65	13.55
tblVehicleEF	SBUS	3.8790e-003	8.0750e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.7000e-005	6.3500e-004
tblVehicleEF	SBUS	3.7110e-003	7.7260e-003
tblVehicleEF	SBUS	2.8420e-003	2.6830e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.5000e-005	5.8400e-004
tblVehicleEF	SBUS	1.1340e-003	8.7730e-003
tblVehicleEF	SBUS	3.5020e-003	0.03
tblVehicleEF	SBUS	0.13	0.81
tblVehicleEF	SBUS	3.0700e-004	2.7490e-003
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	5.9350e-003	0.01
tblVehicleEF	SBUS	0.01	0.26
tblVehicleEF	SBUS	3.3060e-003	0.01
tblVehicleEF	SBUS	0.01	0.01

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1.7000e-005	5.3100e-004
tblVehicleEF	SBUS	1.1340e-003	8.7730e-003
tblVehicleEF	SBUS	3.5020e-003	0.03
tblVehicleEF	SBUS	0.18	1.17
tblVehicleEF	SBUS	3.0700e-004	2.7490e-003
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	5.9350e-003	0.01
tblVehicleEF	SBUS	0.01	0.29
tblVehicleEF	SBUS	0.03	0.84
tblVehicleEF	SBUS	6.0150e-003	9.8730e-003
tblVehicleEF	SBUS	2.6780e-003	0.08
tblVehicleEF	SBUS	1.33	7.00
tblVehicleEF	SBUS	0.39	0.59
tblVehicleEF	SBUS	0.47	8.69
tblVehicleEF	SBUS	320.85	1,108.73
tblVehicleEF	SBUS	1,102.64	1,087.79
tblVehicleEF	SBUS	2.13	45.81
tblVehicleEF	SBUS	3.78	9.53
tblVehicleEF	SBUS	6.52	4.11
tblVehicleEF	SBUS	0.66	13.63
tblVehicleEF	SBUS	5.5790e-003	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.7000e-005	6.3500e-004
tblVehicleEF	SBUS	5.3380e-003	0.01
tblVehicleEF	SBUS	2.8420e-003	2.6830e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	2.5000e-005	5.8400e-004
tblVehicleEF	SBUS	1.2400e-004	1.2290e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	2.8850e-003	0.03
tblVehicleEF	SBUS	0.13	0.82
tblVehicleEF	SBUS	3.1000e-005	3.4200e-004
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	9.3080e-003	0.02
tblVehicleEF	SBUS	0.02	0.40
tblVehicleEF	SBUS	3.0430e-003	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.1000e-005	6.0700e-004
tblVehicleEF	SBUS	1.2400e-004	1.2290e-003
tblVehicleEF	SBUS	2.8850e-003	0.03
tblVehicleEF	SBUS	0.18	1.17
tblVehicleEF	SBUS	3.1000e-005	3.4200e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	9.3080e-003	0.02
tblVehicleEF	SBUS	0.02	0.44
tblVehicleEF	UBUS	4.73	1.97
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	36.90	8.44
tblVehicleEF	UBUS	2.78	11.86
tblVehicleEF	UBUS	2,022.55	1,878.93
tblVehicleEF	UBUS	28.49	137.94
tblVehicleEF	UBUS	0.41	5.93
tblVehicleEF	UBUS	0.22	13.42
tblVehicleEF	UBUS	0.08	0.52
tblVehicleEF	UBUS	0.03	0.01
tblVehicleEF	UBUS	3.0950e-003	0.06
tblVehicleEF	UBUS	3.0200e-004	1.1500e-003
tblVehicleEF	UBUS	0.04	0.22

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	7.1020e-003	3.0000e-003
tblVehicleEF	UBUS	2.9380e-003	0.05
tblVehicleEF	UBUS	2.7800e-004	1.0580e-003
tblVehicleEF	UBUS	6.9700e-004	7.1610e-003
tblVehicleEF	UBUS	4.5980e-003	0.10
tblVehicleEF	UBUS	2.6800e-004	2.8610e-003
tblVehicleEF	UBUS	0.07	0.49
tblVehicleEF	UBUS	9.8500e-004	0.02
tblVehicleEF	UBUS	0.13	1.07
tblVehicleEF	UBUS	5.3630e-003	0.01
tblVehicleEF	UBUS	2.8200e-004	1.5980e-003
tblVehicleEF	UBUS	6.9700e-004	7.1610e-003
tblVehicleEF	UBUS	4.5980e-003	0.10
tblVehicleEF	UBUS	2.6800e-004	2.8610e-003
tblVehicleEF	UBUS	4.84	2.52
tblVehicleEF	UBUS	9.8500e-004	0.02
tblVehicleEF	UBUS	0.14	1.17
tblVehicleEF	UBUS	4.73	1.97
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	36.90	8.50
tblVehicleEF	UBUS	2.22	9.41
tblVehicleEF	UBUS	2,022.56	1,878.93
tblVehicleEF	UBUS	27.55	137.94
tblVehicleEF	UBUS	0.40	5.50
tblVehicleEF	UBUS	0.21	13.29
tblVehicleEF	UBUS	0.08	0.52
tblVehicleEF	UBUS	0.03	0.01
tblVehicleEF	UBUS	3.0950e-003	0.06
tblVehicleEF	UBUS	3.0200e-004	1.1500e-003

Mesa Verde High School Stadium Lighting and Track and Tennis Court Refurbishing - Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.04	0.22
tblVehicleEF	UBUS	7.1020e-003	3.0000e-003
tblVehicleEF	UBUS	2.9380e-003	0.05
tblVehicleEF	UBUS	2.7800e-004	1.0580e-003
tblVehicleEF	UBUS	1.9250e-003	0.02
tblVehicleEF	UBUS	8.1180e-003	0.13
tblVehicleEF	UBUS	9.1500e-004	7.2730e-003
tblVehicleEF	UBUS	0.07	0.50
tblVehicleEF	UBUS	9.3700e-004	0.02
tblVehicleEF	UBUS	0.12	0.93
tblVehicleEF	UBUS	5.3630e-003	0.01
tblVehicleEF	UBUS	2.7300e-004	1.5550e-003
tblVehicleEF	UBUS	1.9250e-003	0.02
tblVehicleEF	UBUS	8.1180e-003	0.13
tblVehicleEF	UBUS	9.1500e-004	7.2730e-003
tblVehicleEF	UBUS	4.84	2.53
tblVehicleEF	UBUS	9.3700e-004	0.02
tblVehicleEF	UBUS	0.13	1.02
tblVehicleEF	UBUS	4.73	1.97
tblVehicleEF	UBUS	0.03	0.09
tblVehicleEF	UBUS	36.89	8.38
tblVehicleEF	UBUS	3.49	14.99
tblVehicleEF	UBUS	2,022.55	1,878.93
tblVehicleEF	UBUS	29.68	137.94
tblVehicleEF	UBUS	0.42	6.07
tblVehicleEF	UBUS	0.24	13.58
tblVehicleEF	UBUS	0.08	0.52
tblVehicleEF	UBUS	0.03	0.01
tblVehicleEF	UBUS	3.0950e-003	0.06

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tblVehicleEF	UBUS	3.0200e-004	1.1500e-003
tblVehicleEF	UBUS	0.04	0.22
tblVehicleEF	UBUS	7.1020e-003	3.0000e-003
tblVehicleEF	UBUS	2.9380e-003	0.05
tblVehicleEF	UBUS	2.7800e-004	1.0580e-003
tblVehicleEF	UBUS	1.5400e-004	2.3920e-003
tblVehicleEF	UBUS	4.4030e-003	0.10
tblVehicleEF	UBUS	4.6000e-005	9.5700e-004
tblVehicleEF	UBUS	0.07	0.48
tblVehicleEF	UBUS	1.2300e-003	0.03
tblVehicleEF	UBUS	0.15	1.22
tblVehicleEF	UBUS	5.3630e-003	0.01
tblVehicleEF	UBUS	2.9400e-004	1.6530e-003
tblVehicleEF	UBUS	1.5400e-004	2.3920e-003
tblVehicleEF	UBUS	4.4030e-003	0.10
tblVehicleEF	UBUS	4.6000e-005	9.5700e-004
tblVehicleEF	UBUS	4.84	2.51
tblVehicleEF	UBUS	1.2300e-003	0.03
tblVehicleEF	UBUS	0.16	1.34

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.8274	1.6364	1.5270	3.0300e-003	0.2260	0.0763	0.3023	0.0967	0.0711	0.1678	0.0000	266.9354	266.9354	0.0628	4.1900e-003	269.7557
2023	0.2184	3.3300e-003	5.4600e-003	1.0000e-005	2.9000e-004	1.8000e-004	4.7000e-004	8.0000e-005	1.8000e-004	2.6000e-004	0.0000	0.8711	0.8711	5.0000e-005	1.0000e-005	0.8742
Maximum	0.8274	1.6364	1.5270	3.0300e-003	0.2260	0.0763	0.3023	0.0967	0.0711	0.1678	0.0000	266.9354	266.9354	0.0628	4.1900e-003	269.7557

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.8274	1.6364	1.5270	3.0300e-003	0.1213	0.0763	0.1976	0.0488	0.0711	0.1199	0.0000	266.9351	266.9351	0.0628	4.1900e-003	269.7555
2023	0.2184	3.3300e-003	5.4600e-003	1.0000e-005	2.9000e-004	1.8000e-004	4.7000e-004	8.0000e-005	1.8000e-004	2.6000e-004	0.0000	0.8711	0.8711	5.0000e-005	1.0000e-005	0.8742
Maximum	0.8274	1.6364	1.5270	3.0300e-003	0.1213	0.0763	0.1976	0.0488	0.0711	0.1199	0.0000	266.9351	266.9351	0.0628	4.1900e-003	269.7555

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	46.25	0.00	34.57	49.47	0.00	28.49	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	5-2-2022	8-1-2022	0.9413	0.9413
2	8-2-2022	11-1-2022	0.6424	0.6424
3	11-2-2022	2-1-2023	1.0091	1.0091
		Highest	1.0091	1.0091

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/2/2022	5/27/2022	5	20	
2	Site Preparation	Site Preparation	5/28/2022	6/10/2022	5	10	
3	Grading	Grading	6/11/2022	7/8/2022	5	20	
4	Building Construction	Building Construction	7/23/2022	11/11/2022	5	80	
5	Paving	Paving	11/14/2022	12/9/2022	5	20	
6	Architectural Coating	Architectural Coating	12/12/2022	1/6/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 282,000; Non-Residential Outdoor: 94,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	79.00	31.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102
Total	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102

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3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102
Total	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	0.0159	0.1654	0.0985	1.9000e-004	0.0903	8.0600e-003	0.0984	0.0497	7.4200e-003	0.0571	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5408	0.5408	2.0000e-005	2.0000e-005	0.5461
Total	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5408	0.5408	2.0000e-005	2.0000e-005	0.5461

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3.3 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	0.0159	0.1654	0.0985	1.9000e-004	0.0407	8.0600e-003	0.0487	0.0223	7.4200e-003	0.0298	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5408	0.5408	2.0000e-005	2.0000e-005	0.5461
Total	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5408	0.5408	2.0000e-005	2.0000e-005	0.5461

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3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1000	0.0000	0.1000	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0363	0.3884	0.2904	6.2000e-004		0.0164	0.0164		0.0150	0.0150	0.0000	54.5346	54.5346	0.0176	0.0000	54.9755
Total	0.0363	0.3884	0.2904	6.2000e-004	0.1000	0.0164	0.1163	0.0374	0.0150	0.0524	0.0000	54.5346	54.5346	0.0176	0.0000	54.9755

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.0000e-004	5.0400e-003	1.0000e-005	1.4700e-003	1.0000e-005	1.4800e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2018	1.2018	4.0000e-005	4.0000e-005	1.2137
Total	6.2000e-004	4.0000e-004	5.0400e-003	1.0000e-005	1.4700e-003	1.0000e-005	1.4800e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2018	1.2018	4.0000e-005	4.0000e-005	1.2137

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0450	0.0000	0.0450	0.0168	0.0000	0.0168	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0363	0.3884	0.2904	6.2000e-004		0.0164	0.0164		0.0150	0.0150	0.0000	54.5345	54.5345	0.0176	0.0000	54.9755
Total	0.0363	0.3884	0.2904	6.2000e-004	0.0450	0.0164	0.0614	0.0168	0.0150	0.0319	0.0000	54.5345	54.5345	0.0176	0.0000	54.9755

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.0000e-004	5.0400e-003	1.0000e-005	1.4700e-003	1.0000e-005	1.4800e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2018	1.2018	4.0000e-005	4.0000e-005	1.2137
Total	6.2000e-004	4.0000e-004	5.0400e-003	1.0000e-005	1.4700e-003	1.0000e-005	1.4800e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2018	1.2018	4.0000e-005	4.0000e-005	1.2137

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0683	0.6246	0.6545	1.0800e-003		0.0324	0.0324		0.0305	0.0305	0.0000	92.6901	92.6901	0.0222	0.0000	93.2453
Total	0.0683	0.6246	0.6545	1.0800e-003		0.0324	0.0324		0.0305	0.0305	0.0000	92.6901	92.6901	0.0222	0.0000	93.2453

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.0712	0.0207	2.4000e-004	7.2600e-003	6.6000e-004	7.9200e-003	2.1000e-003	6.3000e-004	2.7300e-003	0.0000	23.8040	23.8040	6.2000e-004	3.4900e-003	24.8594
Worker	9.7300e-003	6.3400e-003	0.0796	2.1000e-004	0.0232	1.3000e-004	0.0233	6.1700e-003	1.2000e-004	6.2900e-003	0.0000	18.9880	18.9880	6.5000e-004	5.8000e-004	19.1757
Total	0.0124	0.0775	0.1003	4.5000e-004	0.0305	7.9000e-004	0.0313	8.2700e-003	7.5000e-004	9.0200e-003	0.0000	42.7920	42.7920	1.2700e-003	4.0700e-003	44.0352

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3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0683	0.6246	0.6545	1.0800e-003		0.0324	0.0324		0.0305	0.0305	0.0000	92.6900	92.6900	0.0222	0.0000	93.2451
Total	0.0683	0.6246	0.6545	1.0800e-003		0.0324	0.0324		0.0305	0.0305	0.0000	92.6900	92.6900	0.0222	0.0000	93.2451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.0712	0.0207	2.4000e-004	7.2600e-003	6.6000e-004	7.9200e-003	2.1000e-003	6.3000e-004	2.7300e-003	0.0000	23.8040	23.8040	6.2000e-004	3.4900e-003	24.8594
Worker	9.7300e-003	6.3400e-003	0.0796	2.1000e-004	0.0232	1.3000e-004	0.0233	6.1700e-003	1.2000e-004	6.2900e-003	0.0000	18.9880	18.9880	6.5000e-004	5.8000e-004	19.1757
Total	0.0124	0.0775	0.1003	4.5000e-004	0.0305	7.9000e-004	0.0313	8.2700e-003	7.5000e-004	9.0200e-003	0.0000	42.7920	42.7920	1.2700e-003	4.0700e-003	44.0352

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3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102
Total	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102

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3.6 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102
Total	4.6000e-004	3.0000e-004	3.7800e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9013	0.9013	3.0000e-005	3.0000e-005	0.9102

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6535					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181
Total	0.6551	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.4000e-004	3.0200e-003	1.0000e-005	8.8000e-004	0.0000	8.9000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7211	0.7211	2.0000e-005	2.0000e-005	0.7282
Total	3.7000e-004	2.4000e-004	3.0200e-003	1.0000e-005	8.8000e-004	0.0000	8.9000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7211	0.7211	2.0000e-005	2.0000e-005	0.7282

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3.7 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6535					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181
Total	0.6551	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.4000e-004	3.0200e-003	1.0000e-005	8.8000e-004	0.0000	8.9000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7211	0.7211	2.0000e-005	2.0000e-005	0.7282
Total	3.7000e-004	2.4000e-004	3.0200e-003	1.0000e-005	8.8000e-004	0.0000	8.9000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7211	0.7211	2.0000e-005	2.0000e-005	0.7282

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3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	0.2183	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	1.0000e-005	0.2350
Total	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	1.0000e-005	0.2350

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3.7 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	0.2183	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	1.0000e-005	0.2350
Total	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	1.0000e-005	0.2350

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Total					

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High School	0.562895	0.037862	0.207220	0.115570	0.017815	0.005092	0.018559	0.023754	0.002009	0.001969	0.005819	0.000618	0.000817

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High School	4.17947e+009	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0871					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7342					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.8214	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation