

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	F1, F4	100'	18'	98' 118'	96 LED 228NB 1400	2 18	0 18	2 0
2	F2-F3	100'	29'	109' 129'	96 LED 228NB 1400	2 18	0 18	2 0
1	F5	147'	-	107' 147'	96 LED 228NB 1400	4 28	0 28	4 0
2	F6-F7	155'	17'	172' 172'	228NB 1400	28 28	28 28	0 0
1	F8	130'	17'	107' 147'	96 LED 228NB 1400	4 28	0 28	4 0
8						200	184	16

Mt. SAC Athletics Complex East

Walnut, CA

GRID SUMMARY

Name: Sky Glow Grid
 Size: 360' x 160'
 Spacing: 150.0' x 50.0'
 Height: 172.0' above grade

ILLUMINATION SUMMARY

MAINTAINED VERTICAL FOOTCANDLES: 10° Tilt

Entire Grid

Scan Average: 0.49
 Maximum: 0.66
 Minimum: 0.34
 No. of Points: 5

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
 Luminaire Output: 133,000 lumens
 Total LLF: 1.000
No. of Luminaires: 184
 Total Load: 257.6 kW

Lumen Maintenance

Luminaire Type	L90 hrs	L80 hrs	L70 hrs
228NB 1400	>36,000	>36,000	>36,000

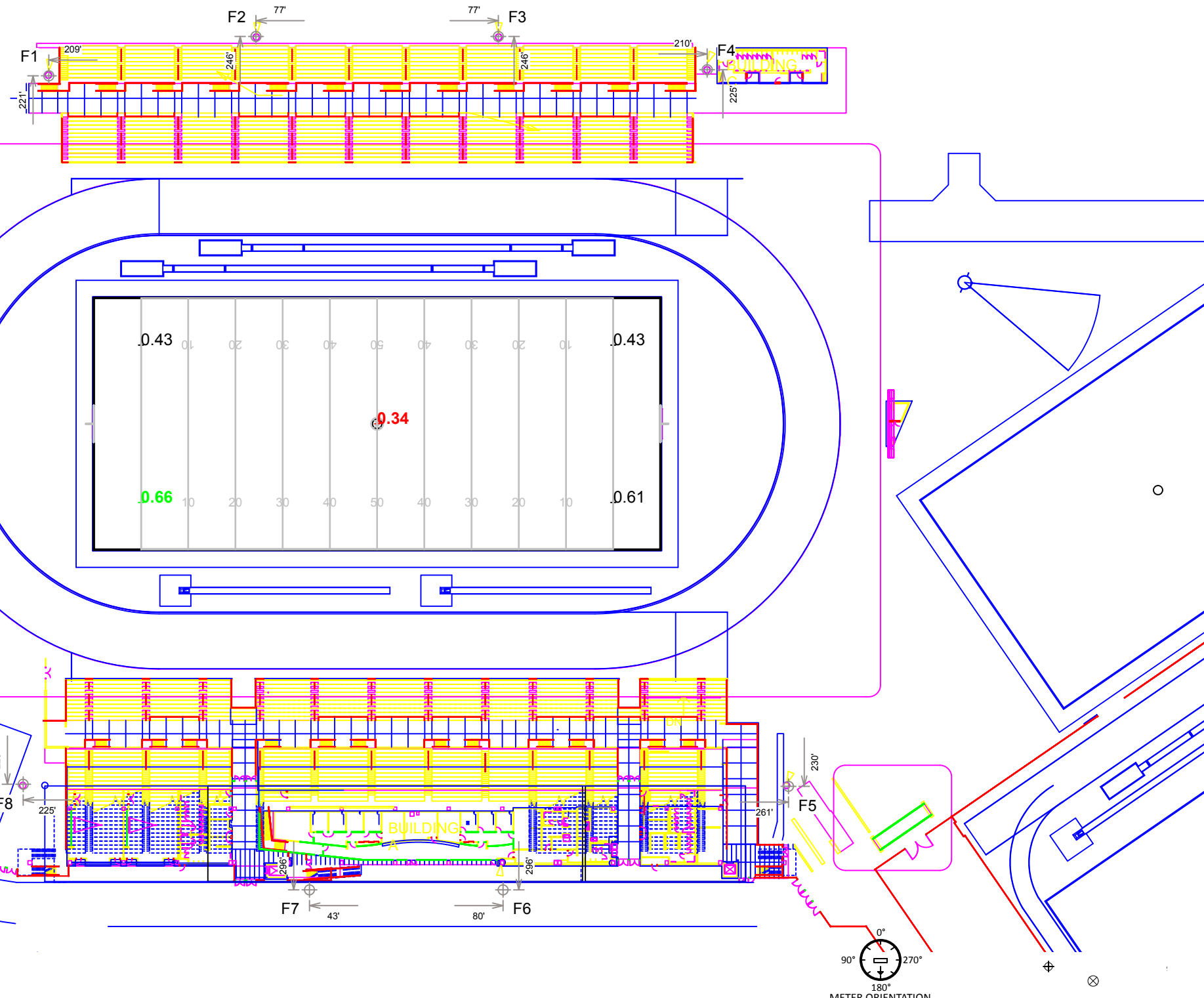
Reported per TM-21-11. See cutsheets for details.

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 +/- 5% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

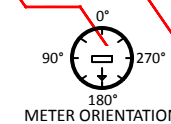


NOTES:

SCALE IN FEET 1 : 80



ENGINEERED DESIGN By: Shawn Moyer • File #167173-I-STADIUM-R-SPILL • 02-May-16



We Make It Happen.

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2016 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY