

EQUIPMENT LIST FOR AREAS SHOWN										
QTY	LOCATION	Pole		Luminaires						
		SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	FITTY POLE	THIS GRID	OTHER GRIDS		
4	S1, S5-S6 S10	70'	-	70'	1500W M2	8	0	0		
6	S2-S4 S7-S9	70'	-	70'	1500W M2	8/8*	16	0		
10	TOTALS								128	128

\* This structure utilizes a back-to-back mounting configuration



**MY PROJECT**  
Name: Missouri Rush Soccer Park  
Location: Wentzville, MO

**GRID SUMMARY**  
Name: Blanket Grid  
Spacing: 50.0' x 50.0'  
Height: 3.0' above grade

**CONSTANT ILLUMINATION**

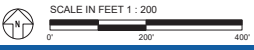
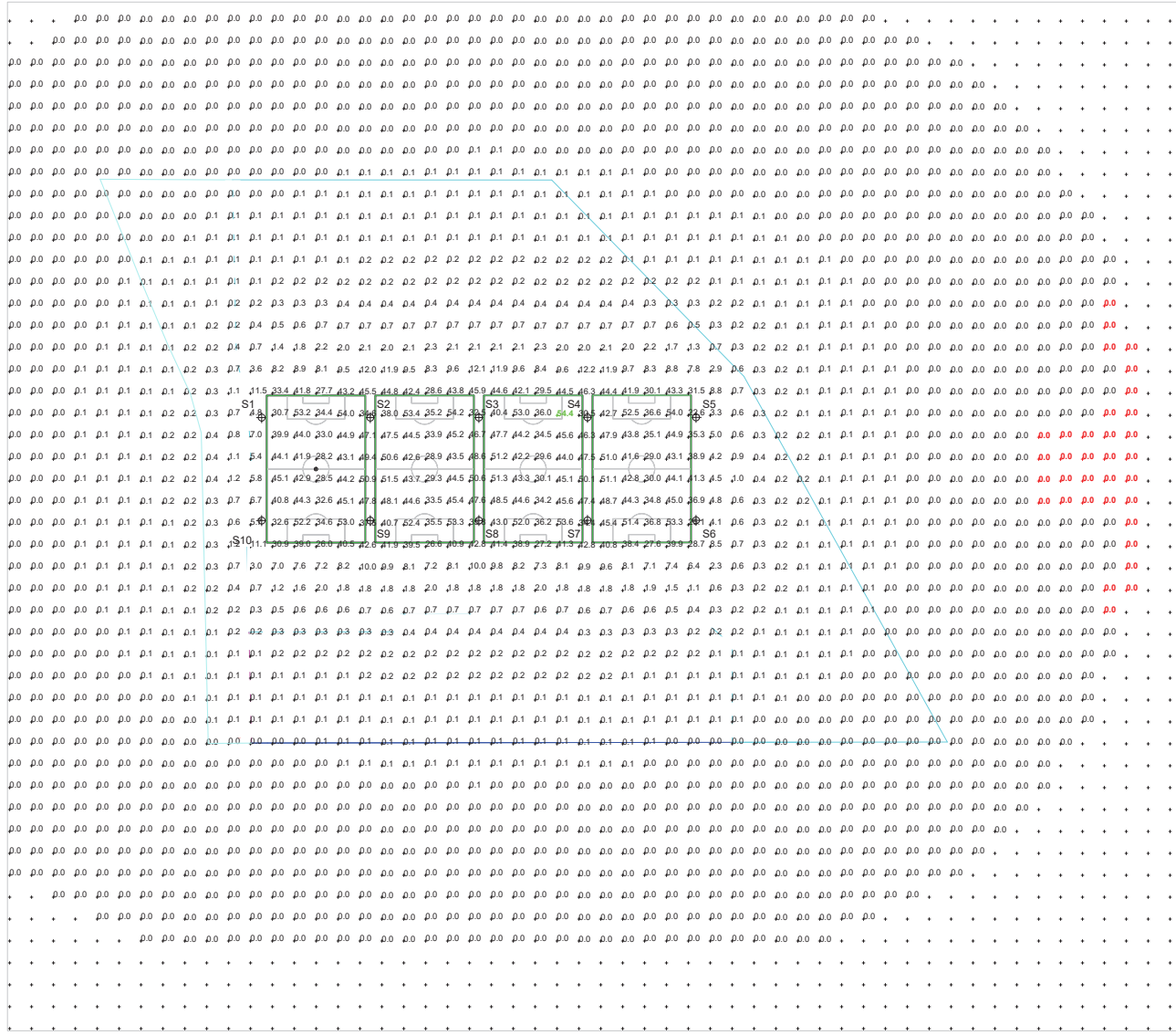
SUMMARY		MAX VERTICAL FOOTCANDLES
Entire Grid		
Scan Average:	54	
Maximum:	54	
Minimum:	0	
Avg / Min:	-	
Max / Min:	-	
UG (adjacent pts):	59.62	
CU:	0.79	
No. of Points:	2538	
LUMINAIRE INFORMATION		
Luminaire Type:	Green Generation	
Design Usage Hours:	5,000 hours	
Design Lumens:	134,000	
Avg Lamp Tilt Factor:	1.000	
No. of Luminaires:	128	
Avg KW:	200.19 (217.6 max)	

**Guaranteed Performance:** The CONSTANT ILLUMINATION described above is guaranteed for the design usage hours of the system.

**Field Measurements:** Illumination measured in accordance with IESNA RP-6-15 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

**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 ballast 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: Justin Van Soelen  
File # / Date: 185612R1.1 12-Jun-17

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**ILLUMINATION SUMMARY**