

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
4	P1, P10, P4 P7	80'	-	80'	1500W MZ	6	6	0	
4	P2-P3 P8-P9	80'	-	80'	1500W MZ	8	8	0	
8	TOTALS						56	56	0



MY PROJECT
 Name: Breese Stevens Field
 Location: Madison, WI

GRID SUMMARY
 Name: Soccer 360 x 220
 Size: 360' x 220'
 Spacing: 30.0' x 30.0'
 Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES	
	Entire Grid	
Guaranteed Average:	0	
Scan Average:	51.6	
Maximum:	65.39	
Minimum:	37.68	
Avg / Min:	1.37	
Max / Min:	1.74	
UG (adjacent pts):	1.32	
CV:	0.12	
No. of Points:	96	

LUMINAIRE INFORMATION

Luminaire Type: Green Generation
 Rated Lamp Life: 5,000 hours
 Avg Lumens / Lamp: 134,000
 Avg Lamp Tilt Factor: 1.000
 No. of Luminaires: 56
 Avg KW: 87.58 (95.2 max)

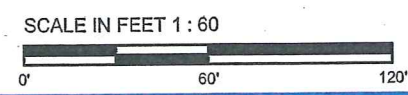
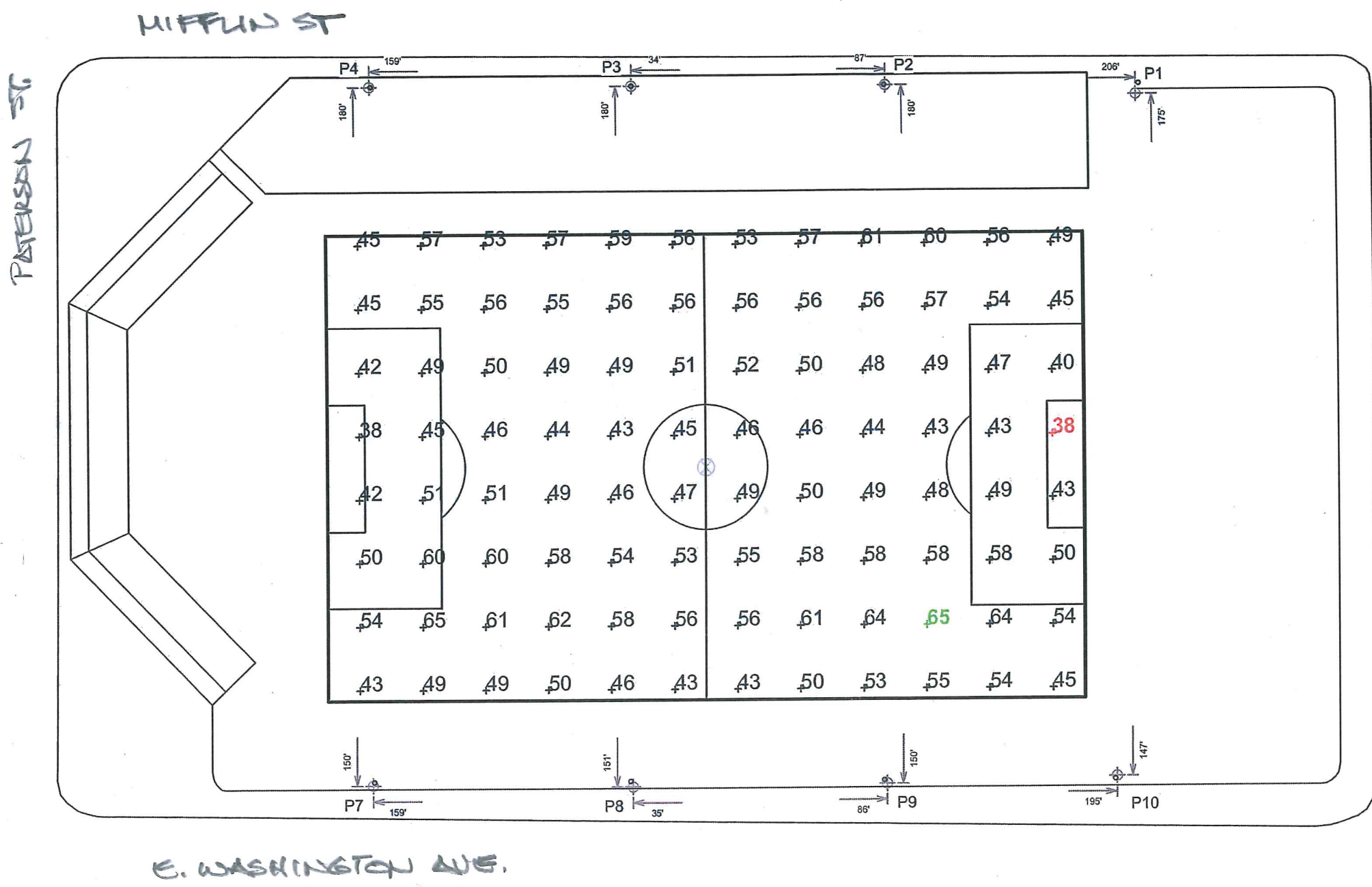
Guaranteed Performance: The Guaranteed Average CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 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.

AVERAGE 50 F.C.
LIGHT LEVEL REQ'D TO MEET NCAA & NCAA STANDARDS



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

ENGINEERED DESIGN
 By: D.Alexander
 File # / Date: 158917Ar3 07-Mar-13

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MY PROJECT
 Name: Breese Stevens Field
 Location: Madison, WI

GRID SUMMARY
 Name: Spill - Street - Near Side
 Spacing: 30.0'
 Height: 5.0' above grade

MAINTAINED ILLUMINATION

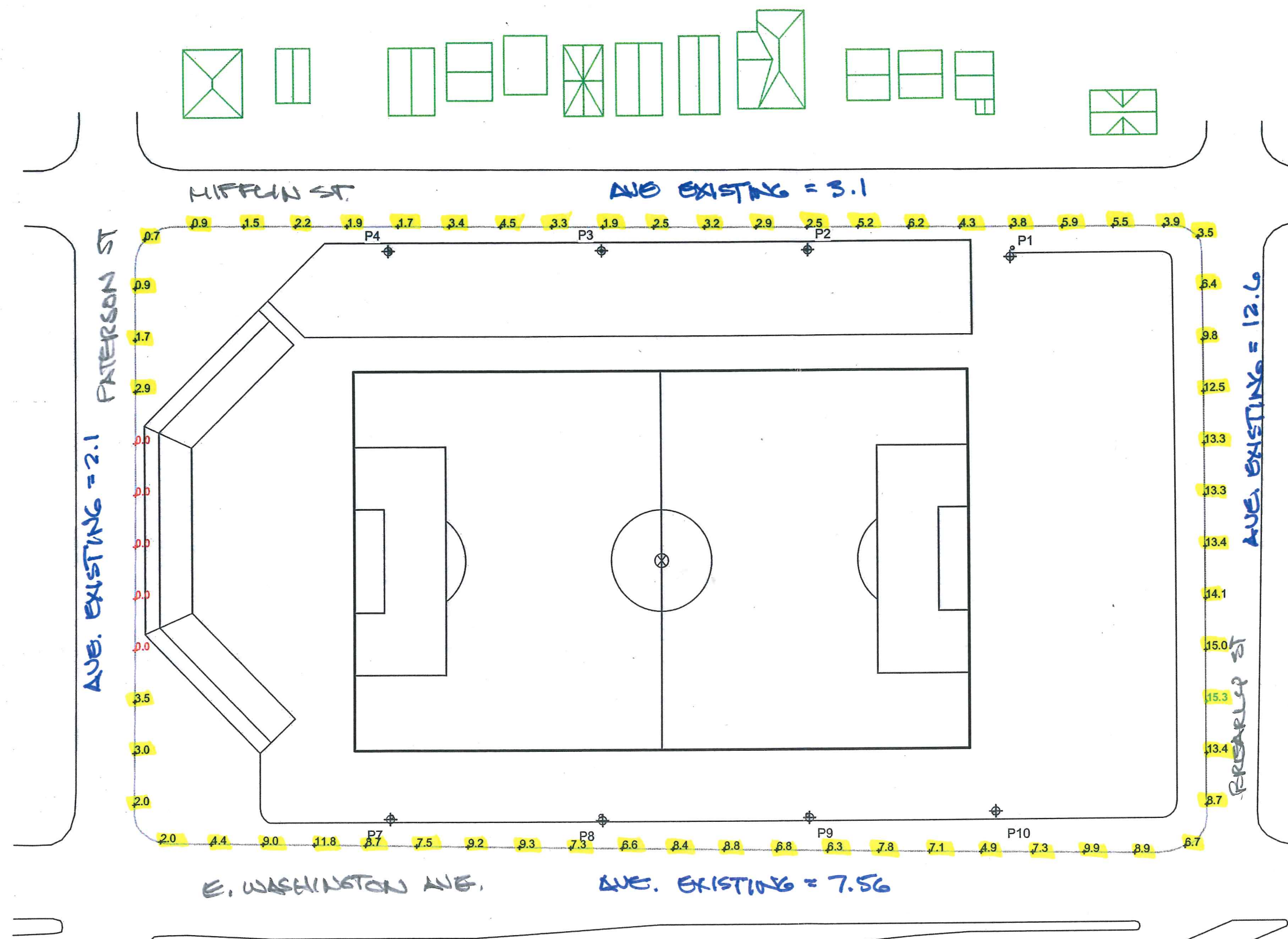
SUMMARY		HORIZONTAL FOOTCANDLES	
Entire Grid			
Scan Average:	5.841		
Maximum:	15.3448		
Minimum:	0.0000		
No. of Points:	65		
LUMINAIRE INFORMATION			
Luminaire Type:	SPORTSCUSTER 1		
Rated Lamp Life:	3,000 hours		
Avg Lumens / Lamp:	155,000		
Avg Tilt Factor:	0.812		
Add'l Non-Rec LLF:	1.000		
Recoverable LLF:	1.000		
Total LLF:	0.812		
No. of Luminaires:	120		
Avg KW:	192.0 (192.0 max)		

Field Measurements: Illumination measured in accordance with the IESNA LM-5-04 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.

☐ READINGS SUPER .5 FC (60)



EXISTING

ENGINEERED DESIGN
 By: D.Alexander
 File # / Date: 158917-SC1 07-Mar-13

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

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