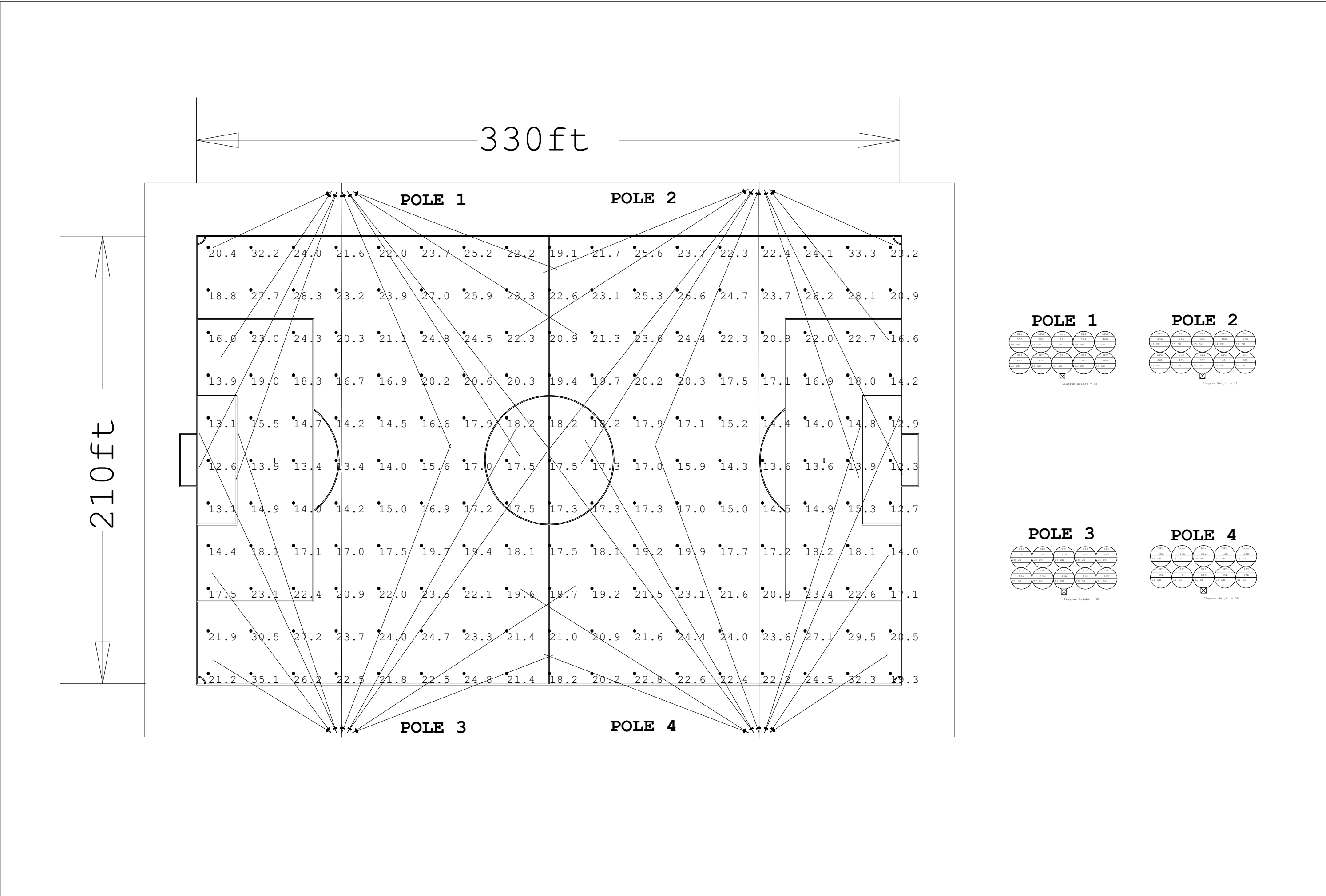




Scale: 1 inch= 40.00 Ft.
LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Watts
SP1		25	0.950	SP5-500W-30D	Single	496.68
SP2		15	0.950	SP5-500W-40D	Single	537.993

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Soccer Field (International)_ Surface_1_12	Illuminance	Fc	20.11	35.1	12.3	2.85

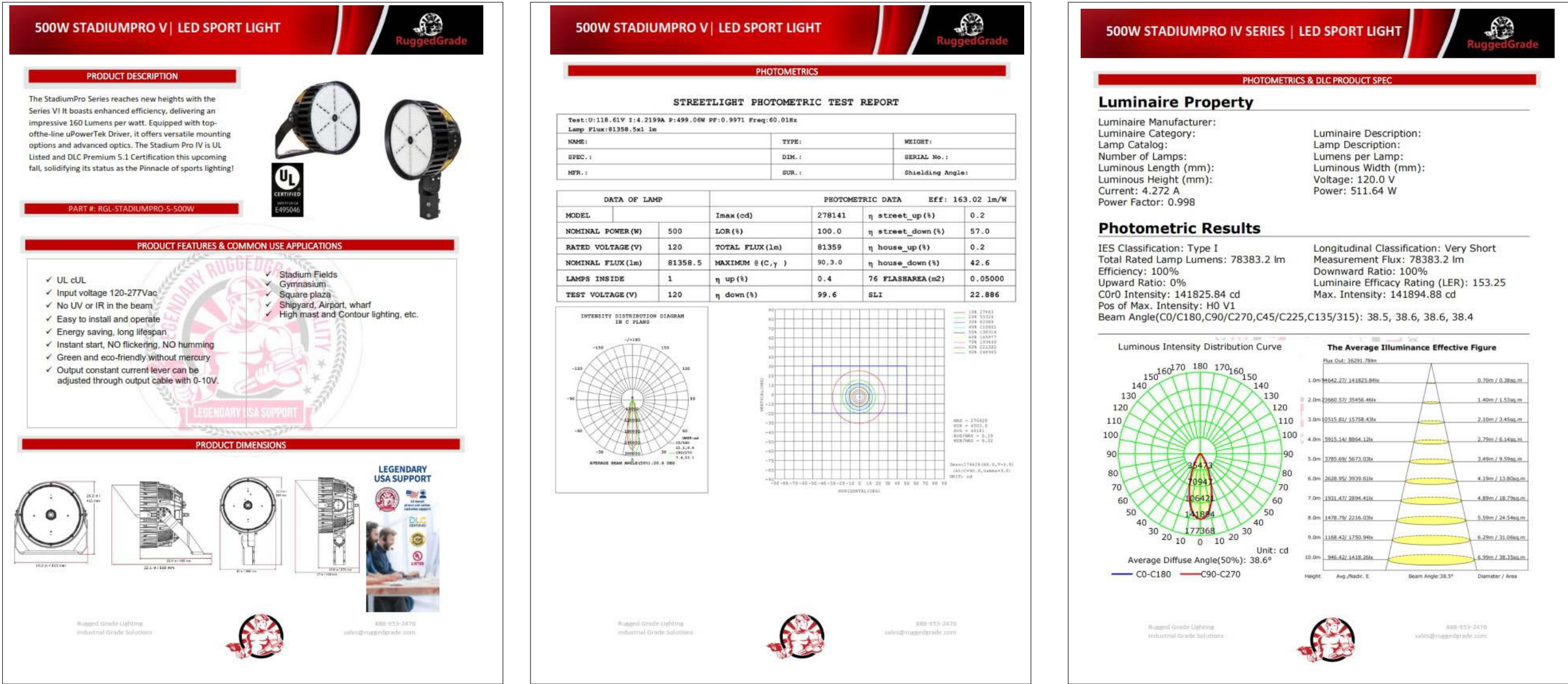
Note on this Design:
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

This analysis is a mathematical model and can be only as accurate as is permitted by the third-party software and the IES standards used. All digital CAD data appear to be accurate, however, this apparent accuracy is an artifact of the techniques used to generate it and is in no way intended to imply accuracy in the real world.

There are many factors that will impact the actual performance of Lighting in the constructed space, including: the accuracy of the original source (.ies) files supplied by the manufacturer, input voltage ballast variances, actual finish values in the constructed environment, manufacturing variations in both the source (lamp) and the luminaire, final luminaire placement, obstructions, and installation quality. Further, field measurement itself is subject to errors arising from measuring methods and/or technology selected, and the knowledge/ability of the measuring party. While the creator of this lighting study makes every effort to ensure accuracy, they cannot be held liable for any errors. The recipient of this lighting study understands and accepts that the likelihood of scaling error increases when no .DWG file or other properly-dimensioned drawing is provided to the designer.

Reflective Values have a significant effect on light levels, the end-user of the document should confirm these values before accepting the results of any photometric report. The managing contractor/ architect/engineer is responsible for ensuring compliance to all relevant lighting ordinance(s) and energy codes required on this project.

SPEC SHEET & RENDERS

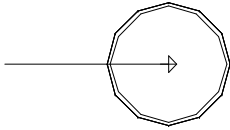
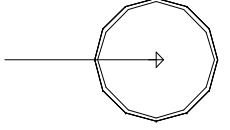


TYPE SP1-2



PLAN VIEW

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Watts
SP1		25	0.950	SP5-500W-30D	Single	496.68
SP2		15	0.950	SP5-500W-40D	Single	537.993

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Soccer Field (International)_ Surface_1_12	Illuminance	Fc	20.11	35.1	12.3	2.85

- DESIGN NOTES:
- 1. 39' POLE
 - 2. 500W LED
 - 3. 30 AND 40 DEGREE BEAM ANGLES
 - 4.

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
2	SP1	210.864	370.859	38	243.458	75.134
4	SP1	411.374	371.809	38	295.866	75.478
5	SP1	213.354	370.885	38	269.843	73.328
6	SP1	210.874	370.861	40.5	250.711	74.018
7	SP1	213.374	370.887	40.5	292.952	72.502
8	SP2	215.873	370.913	40.5	303.079	74.514
9	SP2	218.373	370.939	40.5	327.416	71.742
10	SP1	215.863	370.925	38	308.063	75.955
11	SP1	218.393	370.921	38	339.146	69.252
12	SP1	408.874	371.833	38	270.061	72.055
13	SP1	411.374	371.858	40.5	288.183	73.888
14	SP1	408.874	371.882	40.5	247.942	72.288
15	SP2	406.374	371.906	40.5	237.846	74.887
16	SP2	403.875	371.931	40.5	212.793	72.146
17	SP1	403.875	371.955	38	202.136	69.575
18	SP1	406.375	371.979	38	231.807	75.986
19	SP1	210.75	117	38	114.627	76.085
20	SP1	213.25	117	38	90.117	72.429
21	SP1	210.75	117	40.5	108.159	74.456
22	SP1	213.25	117	40.5	69.34	74.139
23	SP2	215.75	117	40.5	60.962	75.903
24	SP2	218.25	117	40.5	33.373	71.835
25	SP1	215.75	117	38	54.586	76.587
26	SP1	218.25	117	38	21.17	69.015
27	SP1	404	117	38	159.003	69.299
28	SP1	406.5	117	38	126.411	76.652
29	SP1	404	117	40.5	147.755	71.982
30	SP2	406.5	117	40.5	119.958	75.509
31	SP1	409	117	40.5	109.881	74.091
32	SP1	411.5	117	40.5	72.618	74.757
33	SP1	409	117	38	90	72.832
34	SP1	411.5	117	38	66.848	76.6
35	SP2	208.374	370.859	38	205.313	57.449
36	SP2	208.374	370.861	40.5	236.242	66.09
37	SP2	413.874	371.858	40.5	308.382	65.384
38	SP2	413.874	371.809	38	335.966	58.234
39	SP2	208.25	117	40.5	126.716	66.067
40	SP2	208.25	117	38	148.321	58.99
41	SP2	414	117	38	33.45	59.386
42	SP2	414	117	40.5	56.27	67.629

210ft

330ft

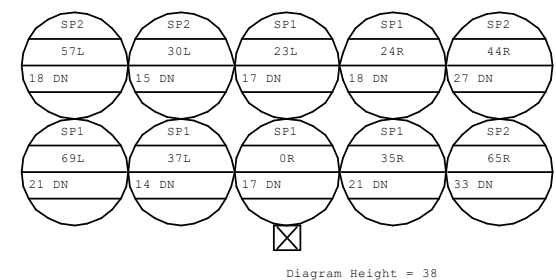
POLE 1

POLE 2

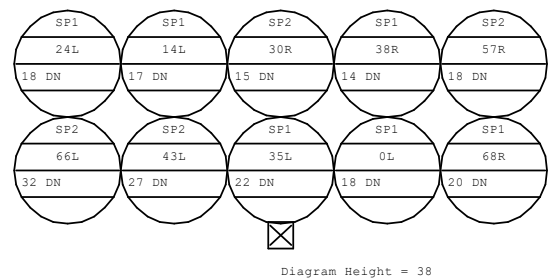
POLE 3

POLE 4

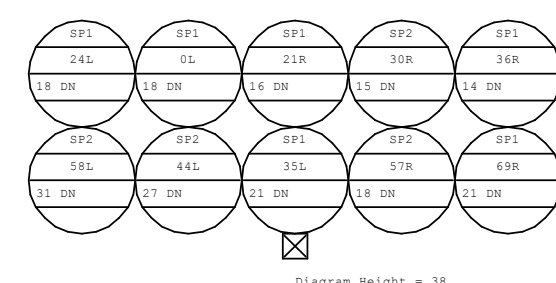
POLE 1



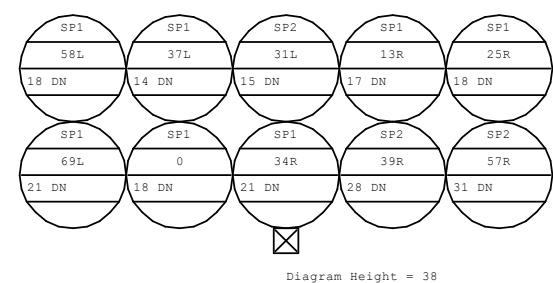
POLE 2



POLE 3



POLE 4



REGULATION SOCCER 4 POLE 500W 39' MH

Date:6/18/2026

Drawn By: MS

Revision #:

