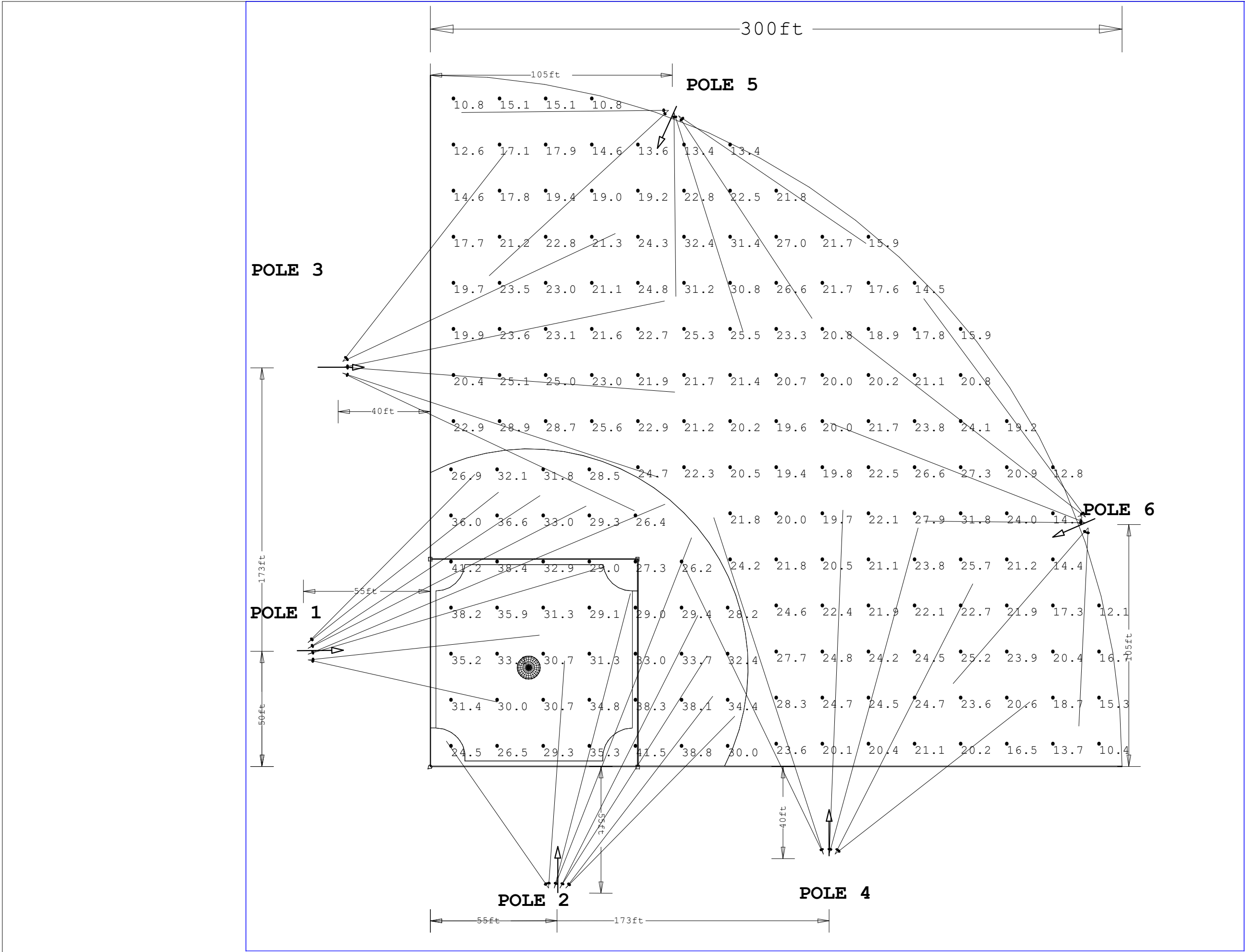




Scale: 1 inch= 40.00 Ft.

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP1		40	1.000	Stadium Pro IV 500W 30D	Single	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	32.32	41.5	24.5	1.69
OUTFIELD	Illuminance	Fc	21.26	32.4	10.4	3.12

- DESIGN NOTES:
- 1.300' Baseline
 - 50/30 Target
 -
 -

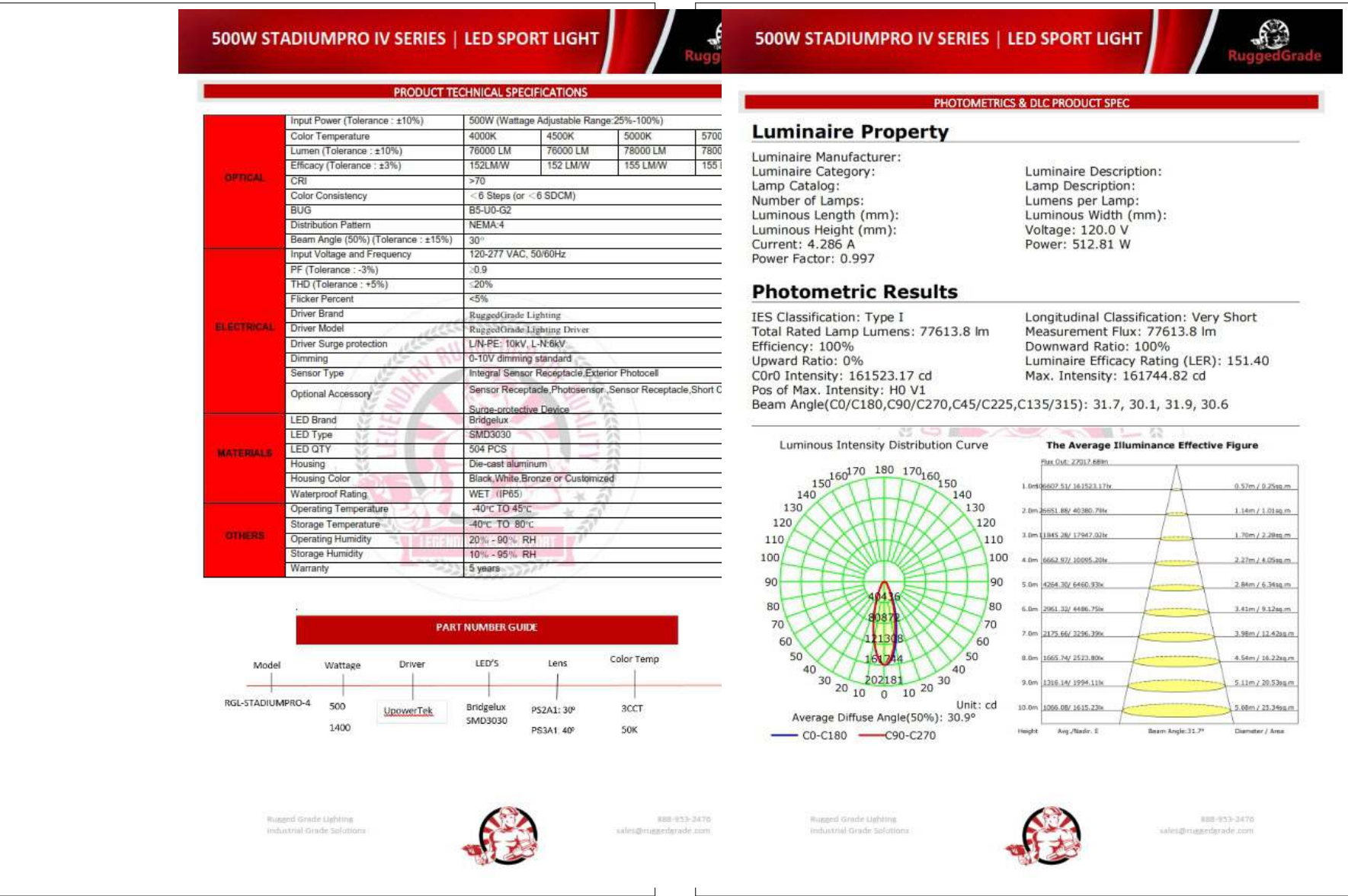
Note on this Design:
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

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.

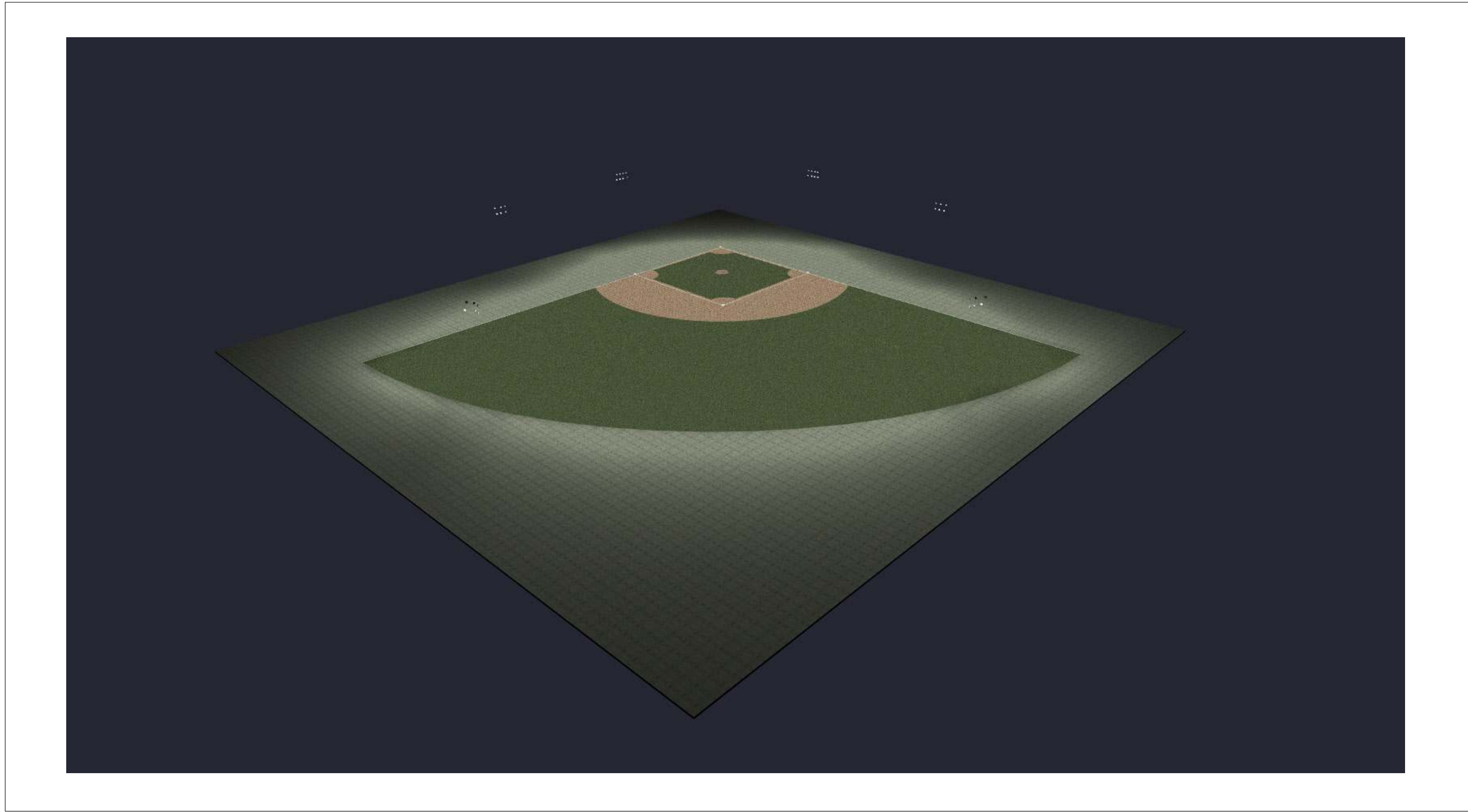
There are many factors that will impact the actual performance of Lighting in the constructed space, including: the accuracy of the original source (.ies) files supplied by the manufacturer, input voltage ballast variances, actual finish values in the constructed environment, manufacturing variations 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

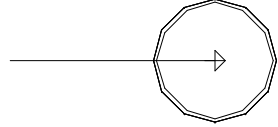


TYPE SP1



RENDERING

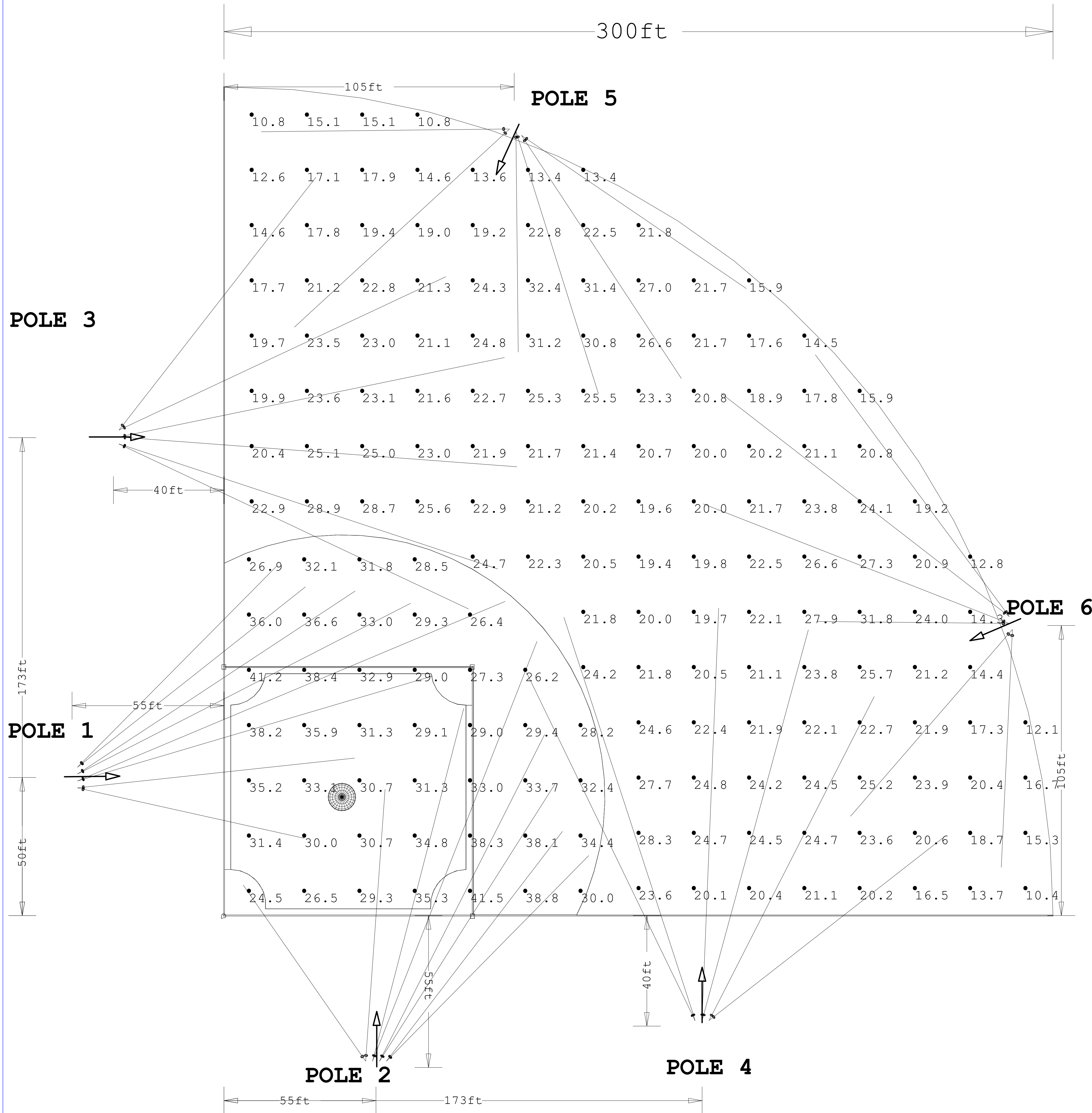
LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP1		40	1.000	Stadium Pro IV 500W 30D	Single	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	32.32	41.5	24.5	1.69
OUTFIELD	Illuminance	Fc	21.26	32.4	10.4	3.12

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
4	SP1	51.25	-52.75	60	85.935	58.194
5	SP1	-53	46.25	60	6.121	58.737
7	SP1	51.25	-52.75	56	124.765	53.472
8	SP1	53.75	-52.75	60	75.516	65.215
9	SP1	53.75	-52.75	56	68.622	70.846
10	SP1	56.25	-52.75	60	63.193	65.306
25	SP1	173	-38	60	87.698	67.847
26	SP1	173	-38	56	74.779	68.836
27	SP1	170.5	-38	60	108.022	68.399
28	SP1	170.5	-38.05	56	115.824	67.918
29	SP1	-53.05	46.25	56	347.46	55.688
30	SP1	-53	48.75	60	16.474	65.556
31	SP1	-53	48.75	56	22.784	71.342
32	SP1	-53	51.25	60	33.393	63.121
52	SP1	105.659	283.878	60	270.603	52.39
53	SP1	105.661	283.9	56	287.454	60.124
54	SP1	103.318	284.756	60	180.642	55.66
55	SP1	103.321	284.728	56	222.667	61.661
59	SP1	284.118	105.764	60	179.394	48.418
60	SP1	284.207	105.708	56	158.642	64.398
61	SP1	285.236	103.528	60	229.104	55.51
62	SP1	285.325	103.522	56	267.288	56.347
65	SP1	-38	173.25	60	11.645	66.865
66	SP1	-38	173.25	56	355.731	68.532
75	SP1	-38	170.75	60	341.722	67.135
76	SP1	-38.05	170.75	56	334.726	67.905
77	SP1	-53	51.25	56	27.133	67.228
78	SP1	56.25	-52.75	56	57.676	64.466
79	SP1	58.75	-52.75	60	52.556	59.743
80	SP1	58.75	-52.75	56	45.485	61.345
81	SP1	-53	53.75	60	38.341	59.823
82	SP1	-53	53.75	56	45.296	60.923
83	SP1	175.5	-38	56	62.997	66.63
84	SP1	175.5	-38	60	37.992	60.307
87	SP1	-38	175.75	56	25.143	66.473
88	SP1	-38	175.75	60	52.092	62.235
93	SP1	107.659	282.378	60	303.353	59.828
94	SP1	107.661	282.4	56	325.741	59.851
95	SP1	284.207	108.208	56	126.525	64.223
96	SP1	284.118	108.264	60	142.209	65.183



POLE 1

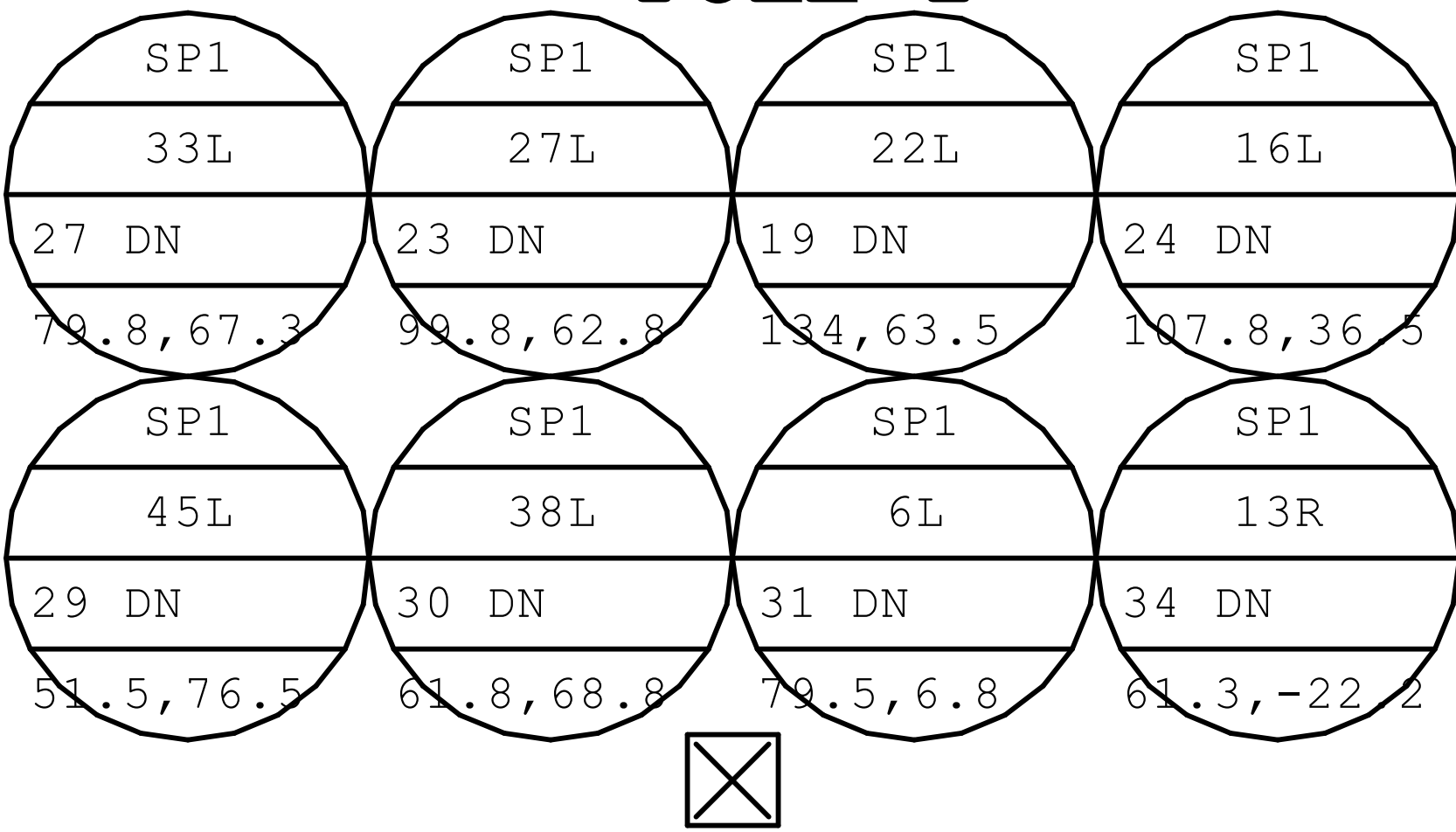


Diagram Height = 56
Actual Location (X,Y) = -57.75, 50.25
Offset Location (X,Y) = -32.25, 50.25
Quantity = 8

POLE 2

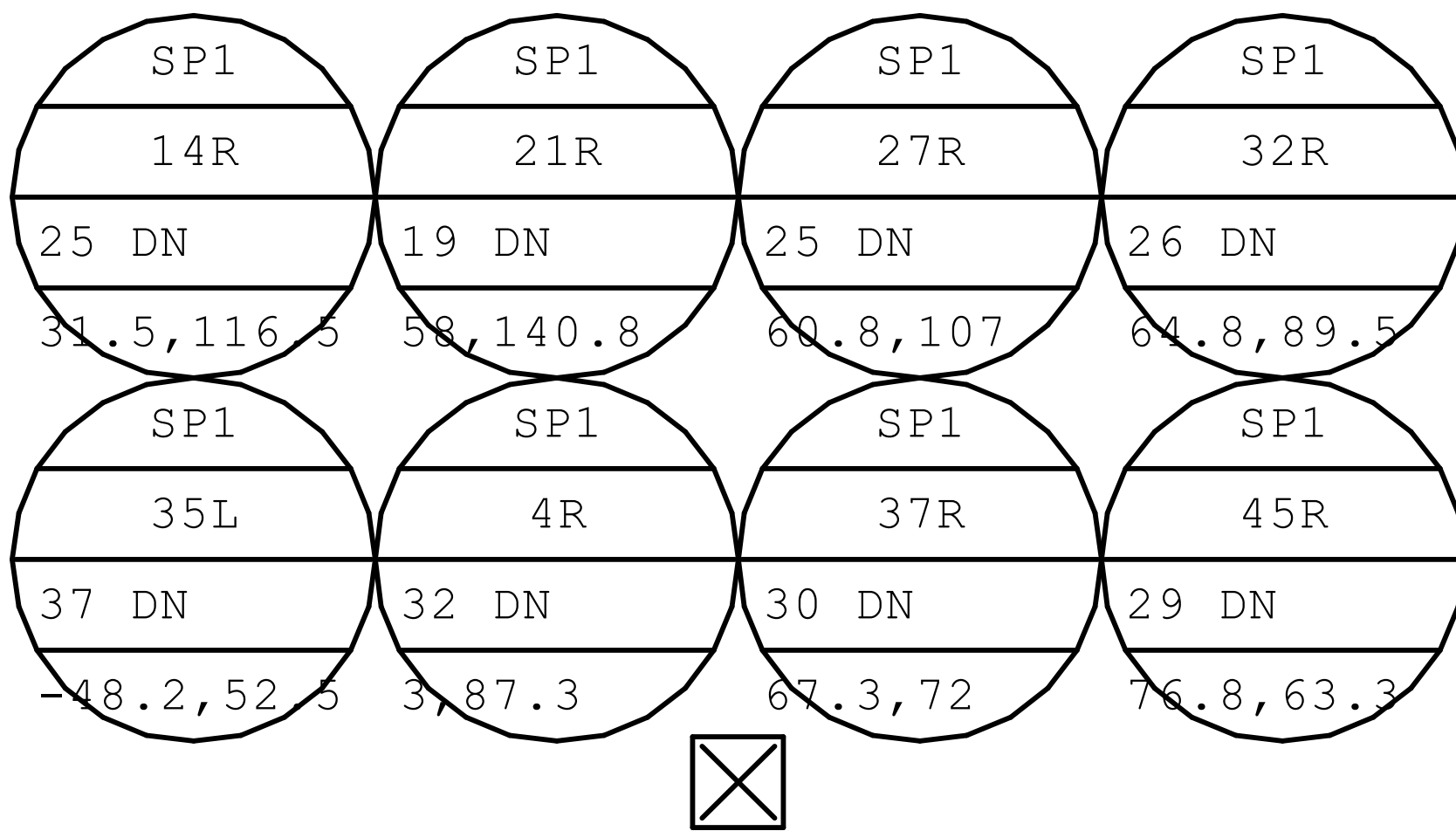


Diagram Height = 56
Actual Location (X,Y) = 55.25, -54.75
Offset Location (X,Y) = 55.25, -41.5
Quantity = 8

POLE 3

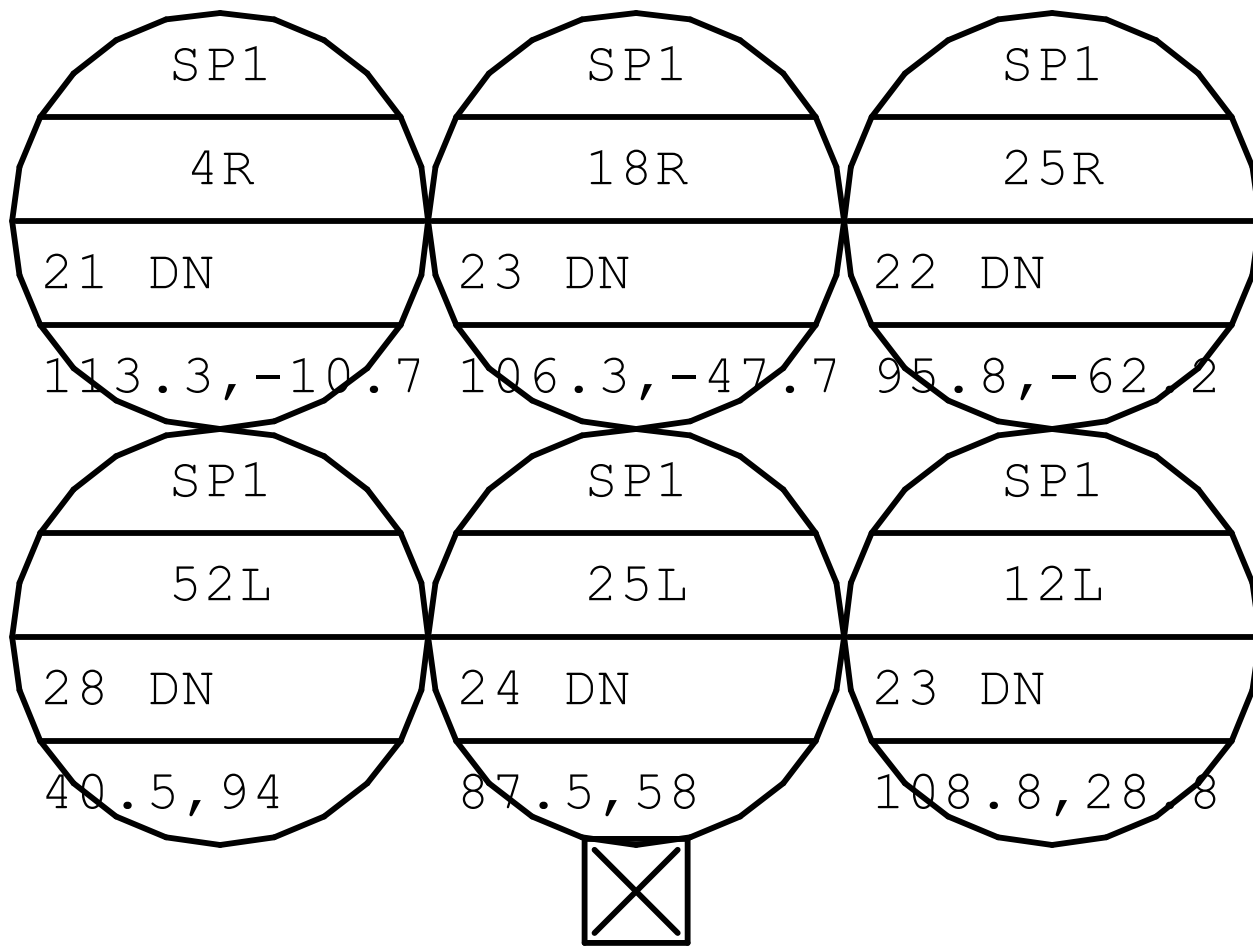


Diagram Height = 56
Actual Location (X,Y) = -48.75, 173.25
Offset Location (X,Y) = -7.25, 173.25
Quantity = 6

POLE 4

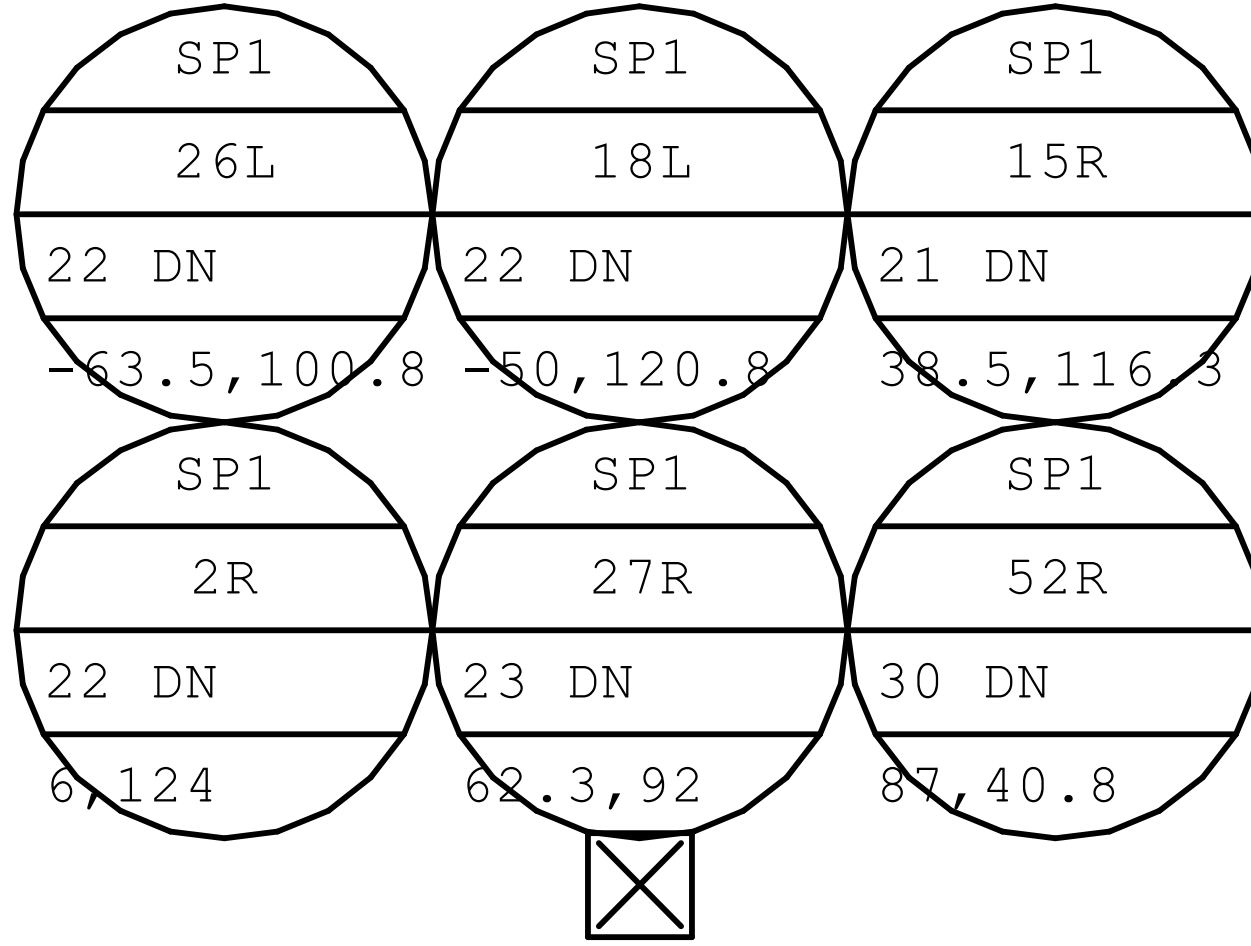


Diagram Height = 56
Actual Location (X,Y) = 173, -38.75
Offset Location (X,Y) = 173, -12.75
Quantity = 6

POLE 5

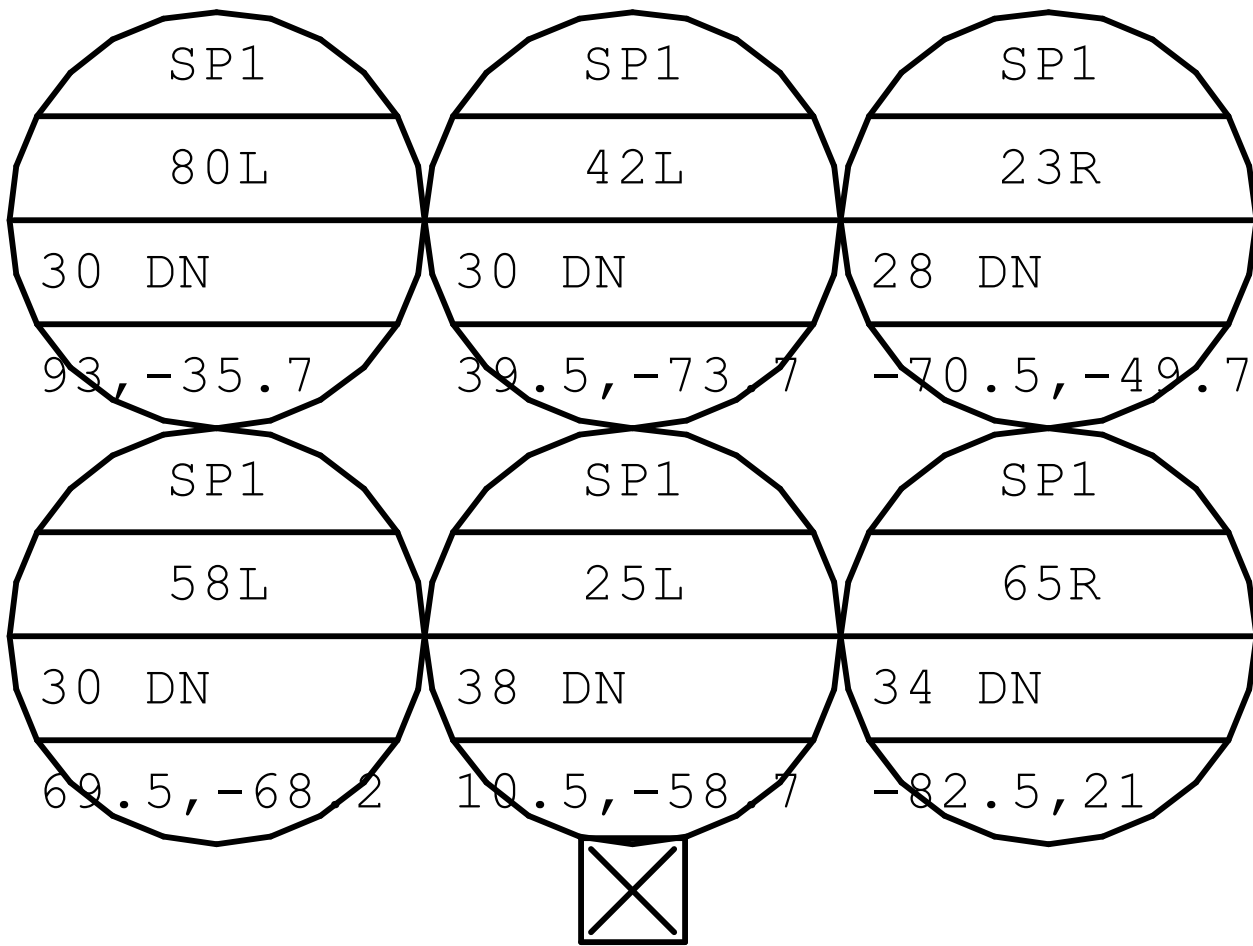


Diagram Height = 56
Actual Location (X,Y) = 106.75, 286.5
Offset Location (X,Y) = 96, 262.75
Quantity = 6

POLE 6

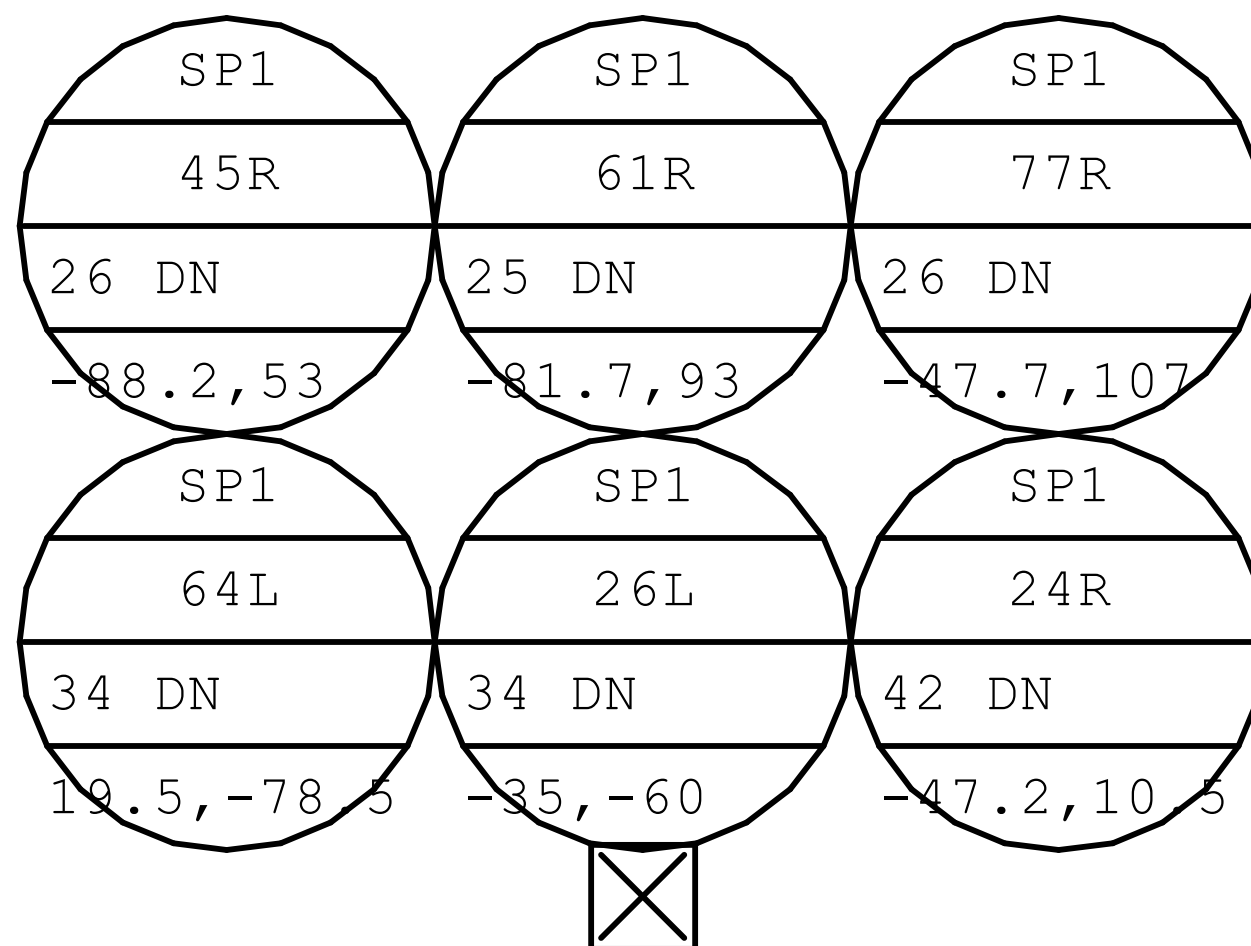
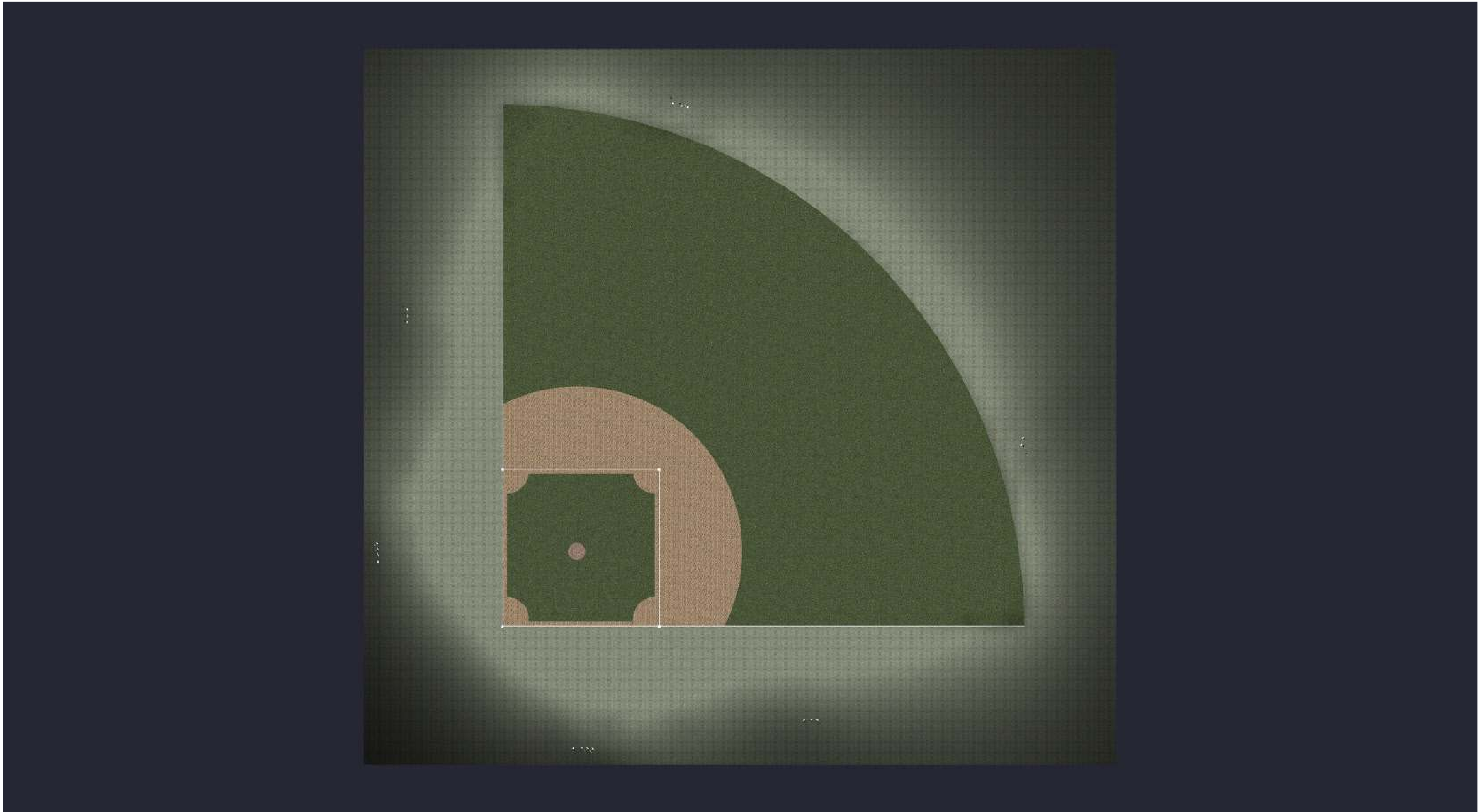


Diagram Height = 56
Actual Location (X,Y) = 288.25, 107.5
Offset Location (X,Y) = 261.75, 96
Quantity = 6

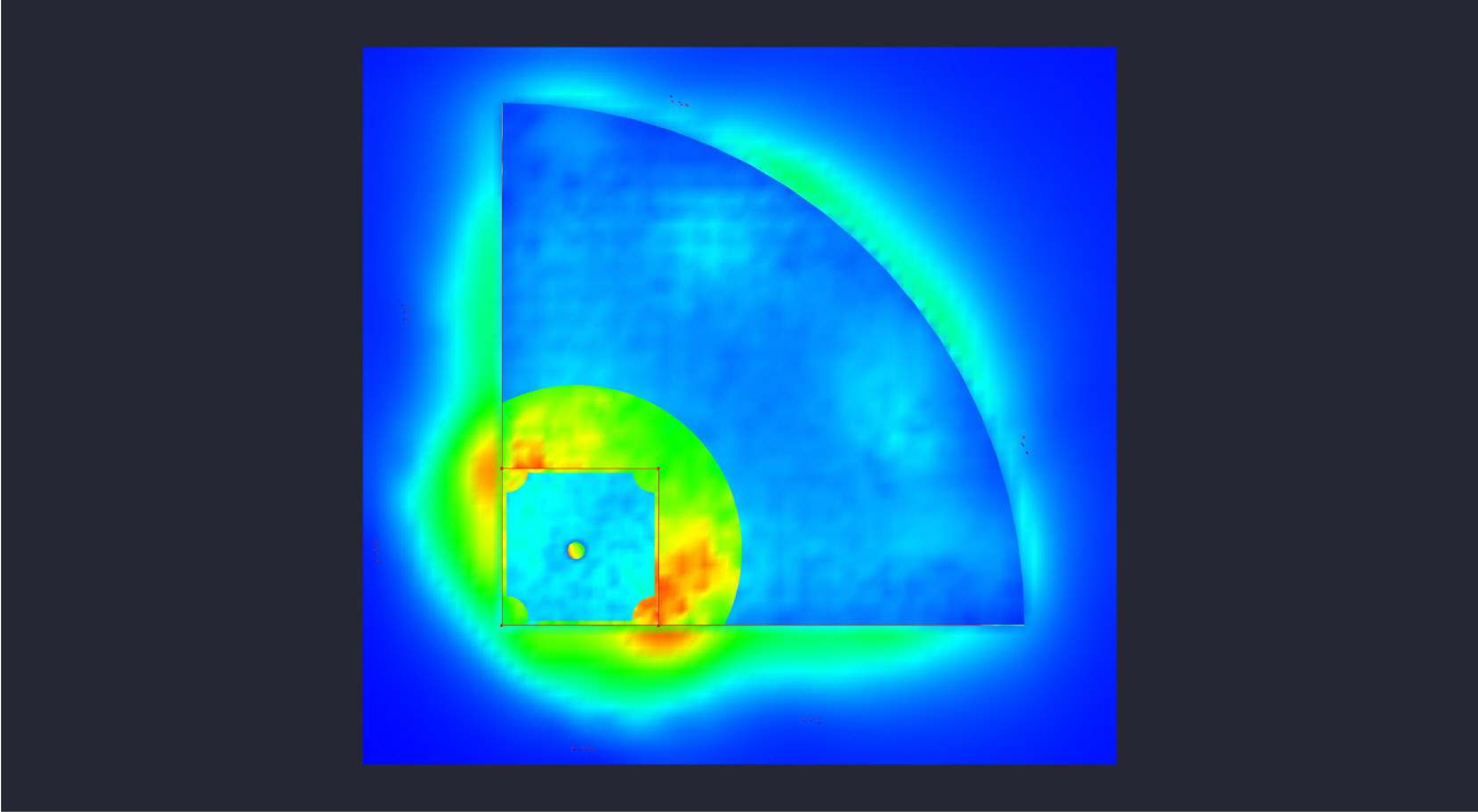


Date:9/18/2025

Drawn By: MS

Revision #:

300' BASELINE 500W 60' MH



Date:9/18/2025

Drawn By: MS

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300' BASELINE 500W 60' MH