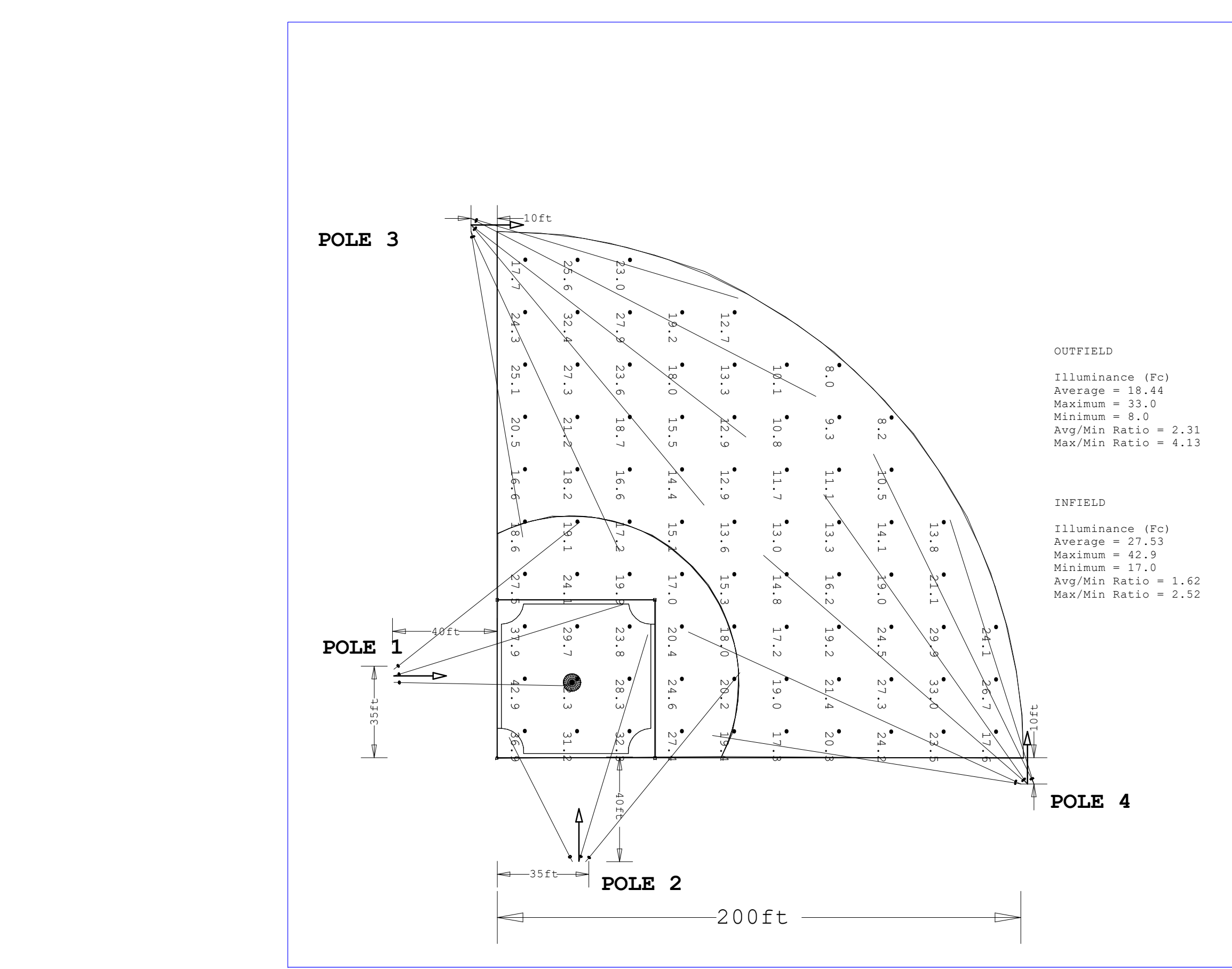




Scale: 1 inch= 39.13 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
SP2		12	1.000	StadiumPro IV 500W 40D	77064	493.64
SP1		6	1.000	StadiumPro IV 500W 30D	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
CalcPts_1	Illuminance	Fc	20.51	42.9	8.0	5.36
INFIELD	Illuminance	Fc	27.53	42.9	17.0	2.52
OUTFIELD	Illuminance	Fc	18.44	33.0	8.0	4.13

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

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT DESCRIPTION

The StadiumPro Series reaches new heights with the Series IV. It boasts enhanced efficiency, delivering an impressive 160 Lumens per watt. Equipped with input-voltage universal LED Driver, it offers versatile mounting options and advanced optics. The Stadium Pro IV is UL Listed and DLC Premium S-1 Certification, this upcoming fall, solidifying its status as the Pioneer of sports lighting!

DLC & ENEC STADIUMPRO-4-500W1PS2A1

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, DLC S-1 premium certificate
- Voltage adjustable
- Input voltage 120-277 Vac
- UL DV or RV in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current mode can be adjusted through output cable with 0-10V

- Gymnasium
- Square plaza
- Shopping, Airport, wharf
- High level area colour lighting, etc.

PRODUCT DIMENSIONS

LEGENDARY USA SUPPORT

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	500W (Voltage Adjustable Range 20% 100%)
	Color Temperature	4000K 4800K 5000K 5700K
	Lumen (Tolerance: ±10%)	76000 LM 76000 LM 76000 LM 76000 LM
	Efficiency (Tolerance: ±10%)	152 LM/W 152 LM/W 155 LM/W 155 LM/W
ELECTRONIC	CRI	>90
	Color Consistency	±3 SDCS (or ±6 SDCM)
	Beam Angle	30°/36°
	Distribution Pattern	BEAM4
MATERIALS	Input Voltage and Frequency	120-277 VAC, 50/60Hz
	THC (Tolerance: ±5%)	±3%
	THD (Tolerance: ±5%)	±3%
	Factor Protect	IP65
OTHERS	Driver Brand	Universal LED Driver
	Driver Model	Universal LED Driver
	Driver Surge protection	UL94V-0 flame retardant
	Optional Accessory	Senior Receivable, Pushbutton, Senior Receivable Short Cap.
OTHERS	LED Brand	Universal LED Driver
	LED Type	505 SMD
	LED Qty	504 PCS
	Housing	Black/White/Brushed/Customized
OTHERS	Waterproof Rating	IP65
	Operating Temperature	-40°C to 60°C
	Storage Temperature	-20°C to 80°C
	Storage Humidity	90%~95% RH
OTHERS	Warranty	5 years

PART NUMBER GUIDE

Model	Wattage	Driver	LED'S	Lens	Color Temp
RGL-STADIUMPRO-4	500	Universal	505SMD	PS2A1 30°	3000K
	1400			PS2A1 40°	5000K

Image File : RGL-STADIUMPRO-4-500WT1PS2A1_002Image File : RGL-STADIUMPRO-4-500WT1PS3A1_002

TYPE SP SP1 30 DEGREE SP2 40 DEGREE

3D RENDERING

DESIGN NOTES:

- 1.
- 2.
- 3.
- 4.

LEDLightExpert.com

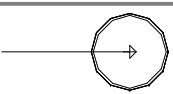
200' BASELINE 500W 40' MH 30-20FTC

Date:9/12/2025

Drawn By:

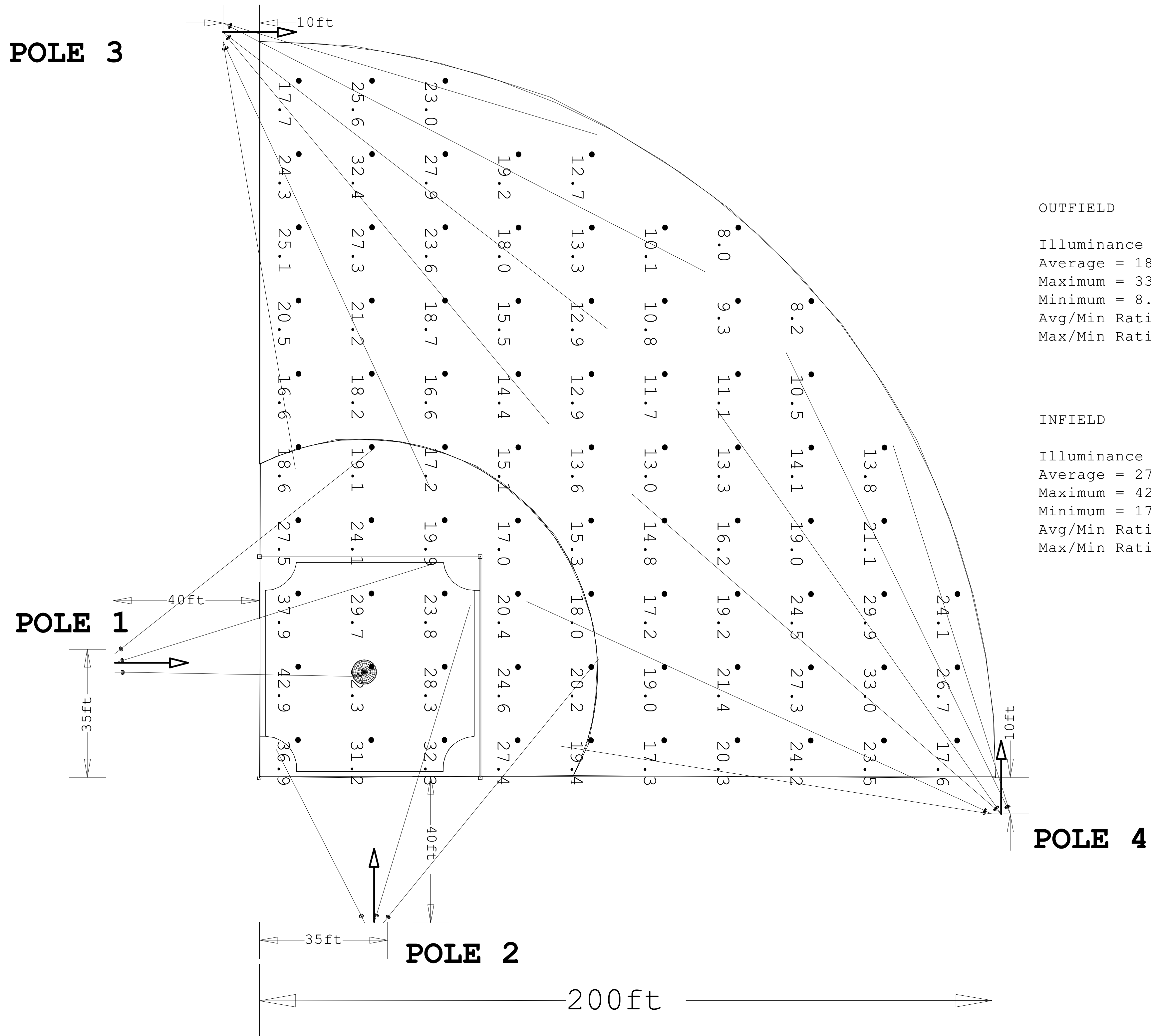
Revision #:

LIGHTING DETAILS:

Luminaire Schedule						
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INFIELD	Illuminance	Fc	27.53	42.9	17.0	2.52
OUTFIELD	Illuminance	Fc	18.44	33.0	8.0	4.13

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP1	-10	206	36	343.352	70.985
2	SP2	-10	206	40	332.7	74.705
3	SP2	-10	203.5	40	322.352	72.973
4	SP1	-10	201	40	294.901	73.235
7	SP1	205	-10	36	107.621	70.857
13	SP2	-39.5	28.75	40	358.939	58.593
14	SP2	-39.5	33.75	40	38.388	65.698
18	SP2	28.75	-39.75	40	117.046	52.073
19	SP2	33.75	-39.75	40	50.765	66.336
20	SP2	205	-10	40	115.925	73.846
21	SP2	202.5	-10	40	125.131	73.275
22	SP1	200	-10	40	155.454	73.793
25	SP2	-10	203.5	36	309.753	75.295
26	SP1	-10	201	36	279.602	72.816
27	SP1	200	-10	36	171.071	72.924
28	SP2	202.5	-10	36	139.107	74.665
31	SP2	-39.5	31.25	40	17.298	65.953
32	SP2	31.25	-39.75	40	73.165	65.711



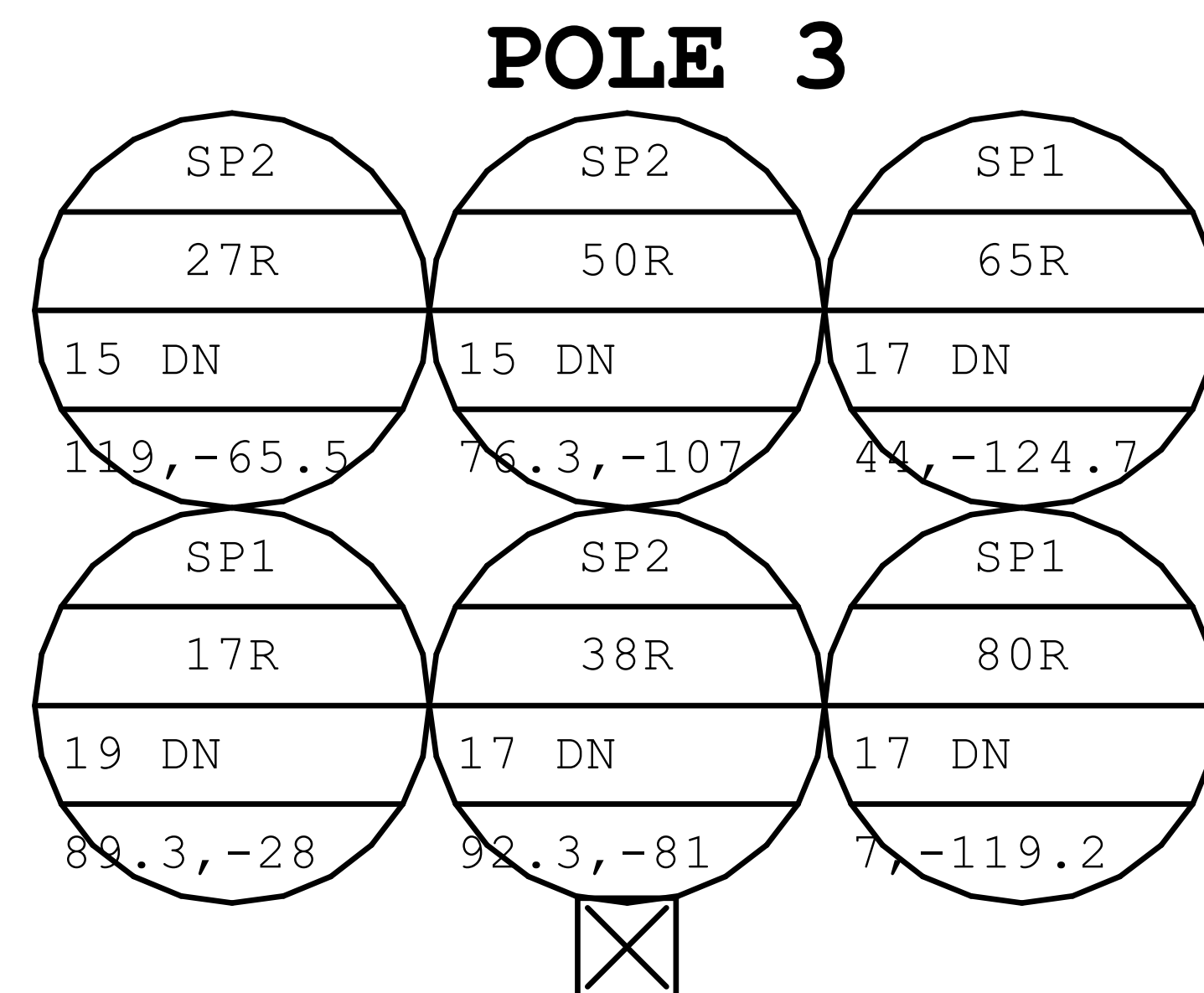


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 Offset Location (X,Y) = 2.75, 203.5
 Quantity = 6

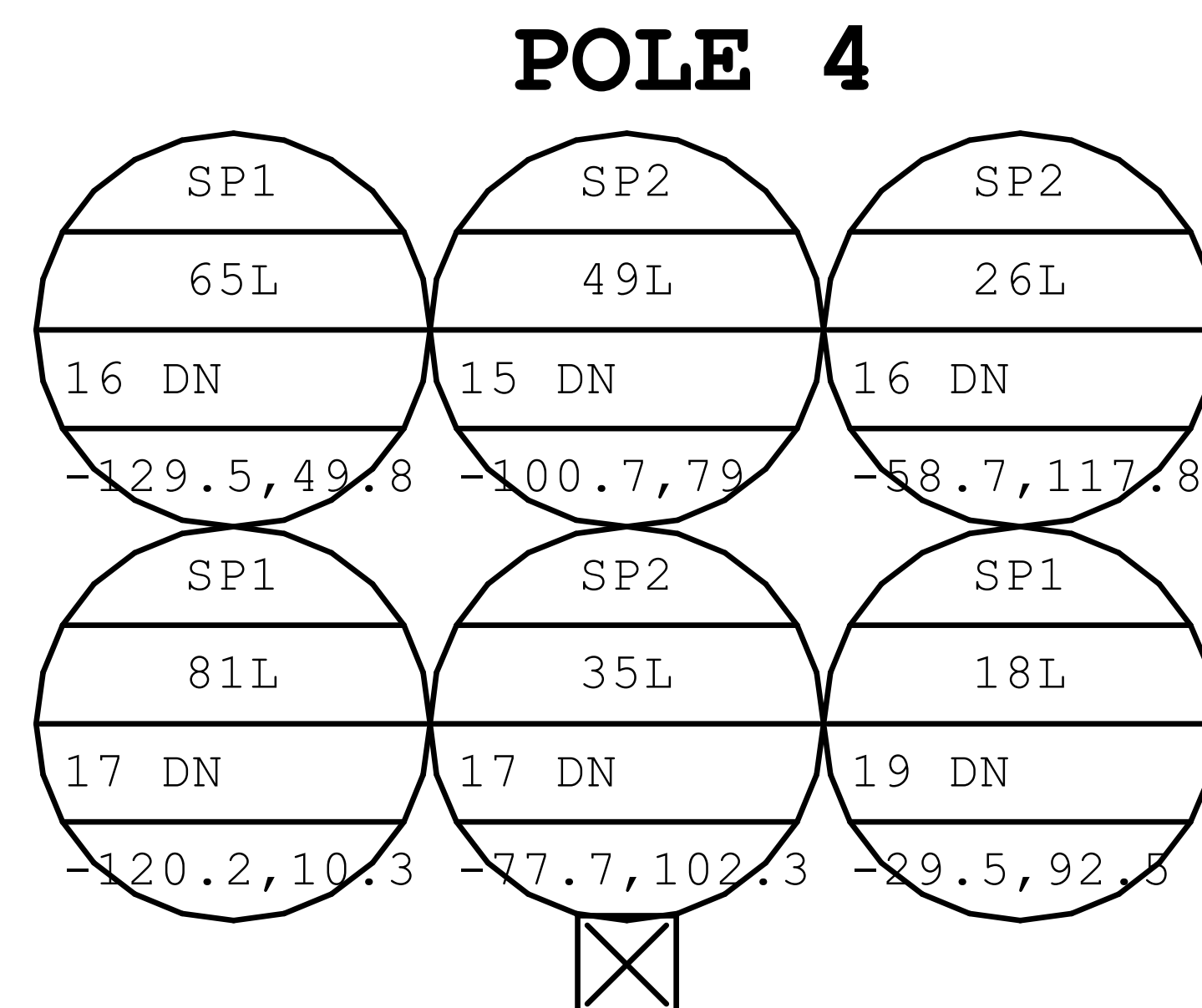


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 Quantity = 6

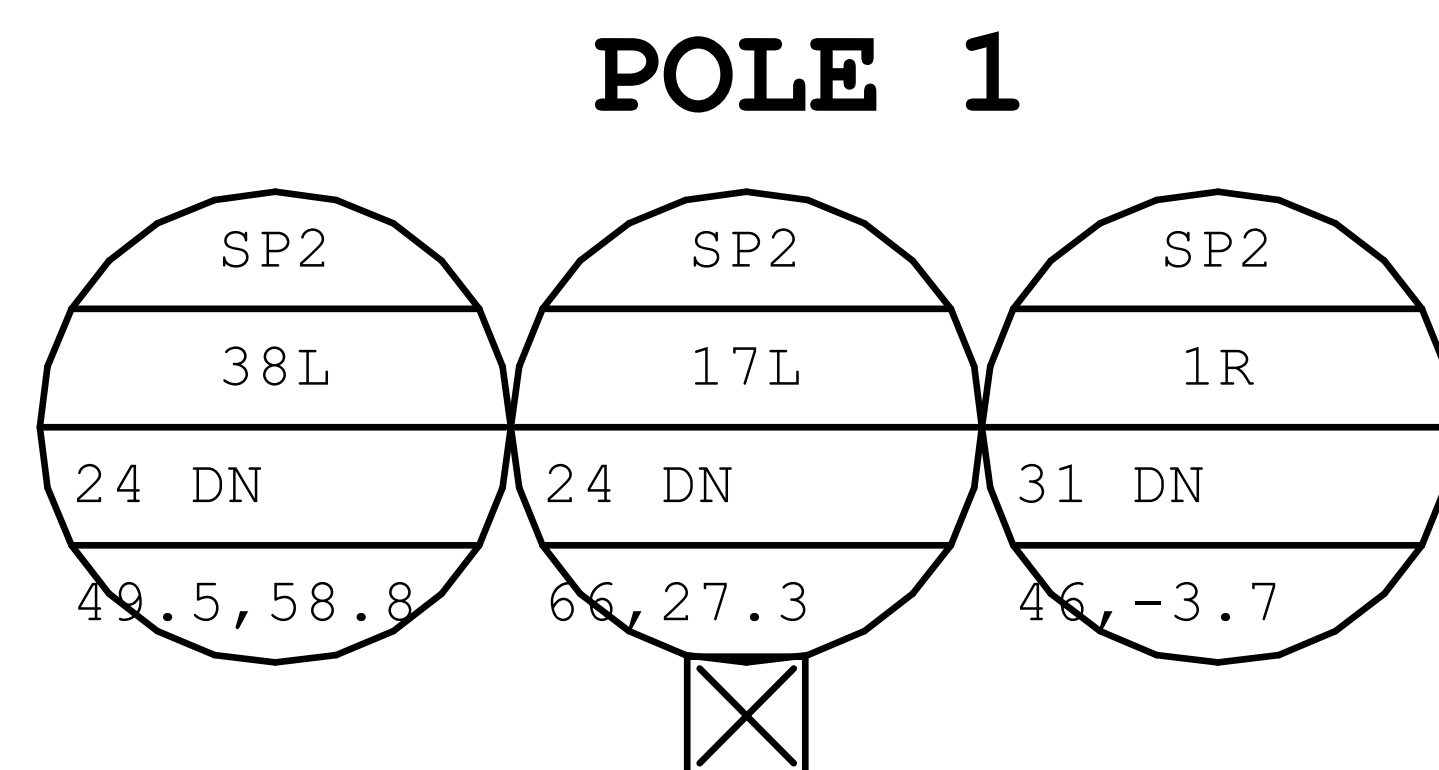


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 Quantity = 3

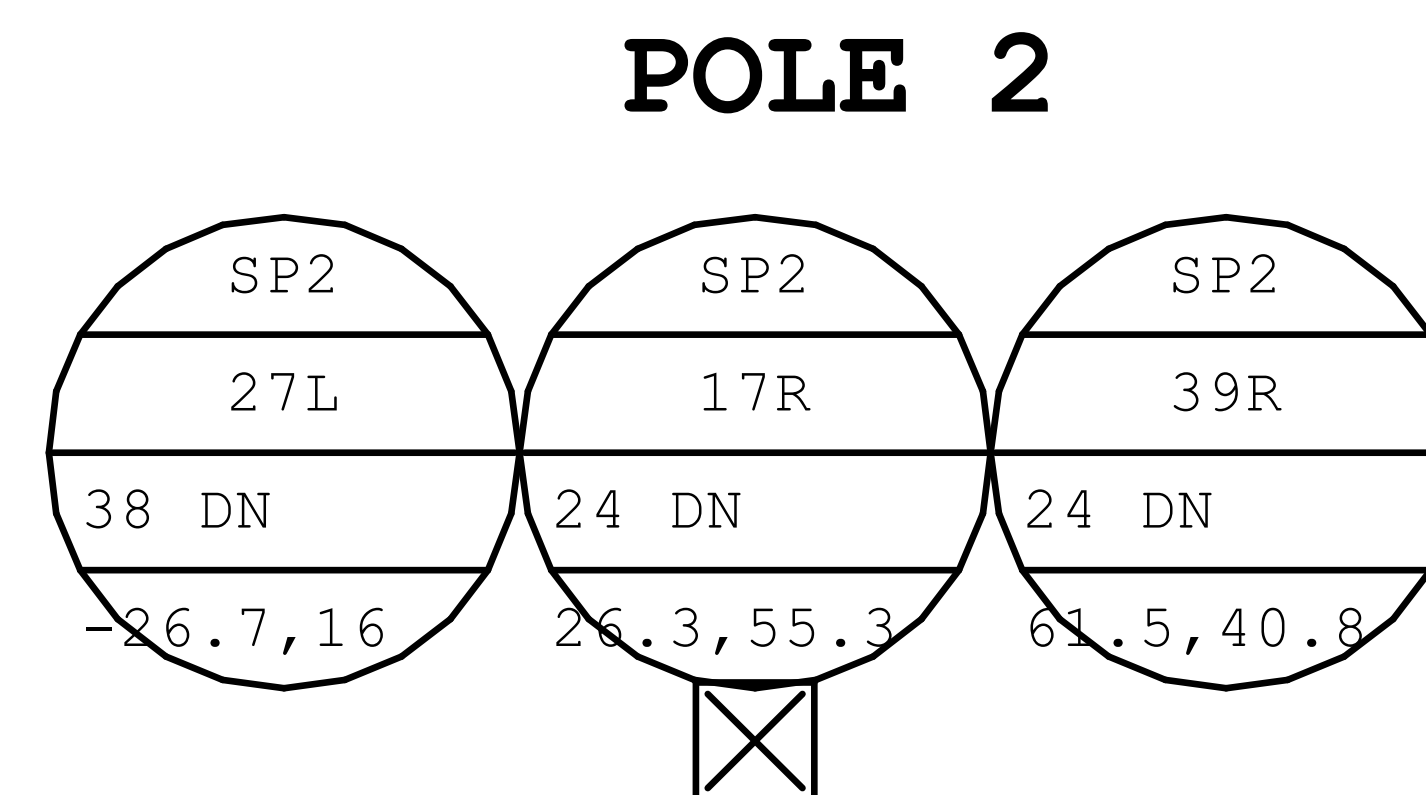


Diagram Height = 40
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 Offset Location (X,Y) = 31.25, -8.25
 Quantity = 3

