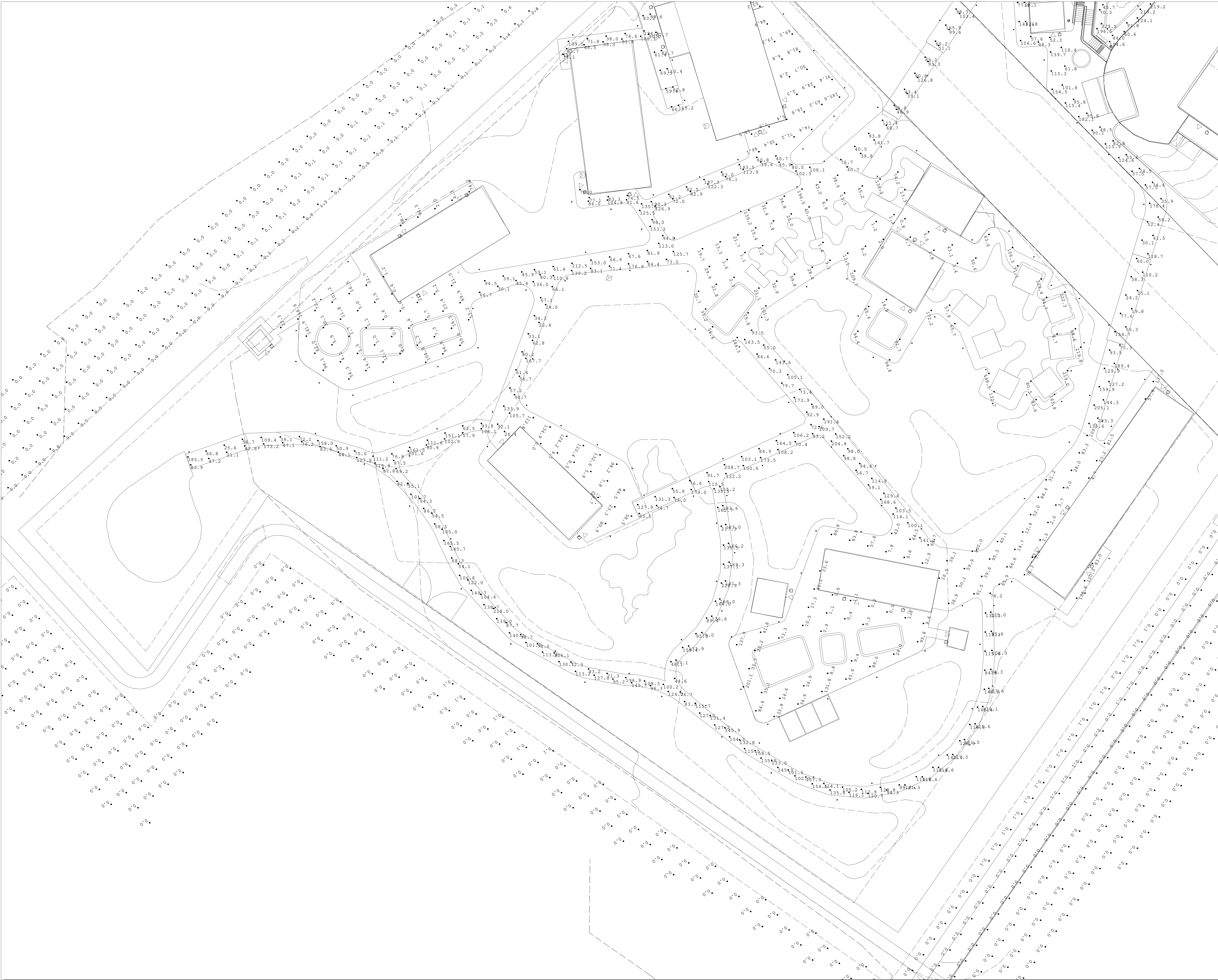




JOB No:	Z0021983
DATE:	2026.01.23
DESIGNED BY:	M.T
DRAWN BY:	S.O.
REVIEWED BY:	CH.S.
SCALE:	AS NOTED



Lighting Calculation

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Drawn By: M. Tjoa
Checked By: C. Sylvestre
Date: 2025-01-13

Scale:

CIMA+

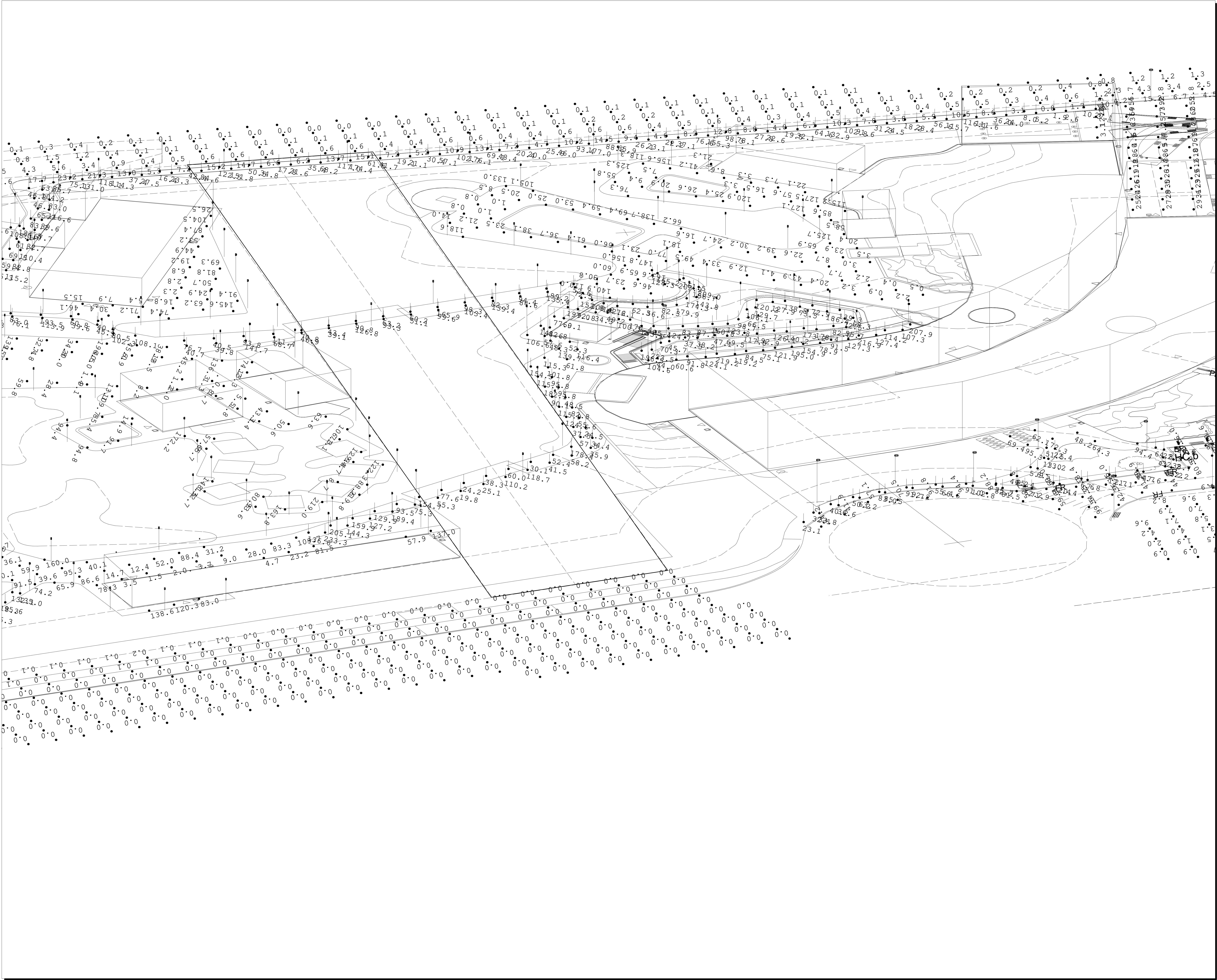
Revisions

#	Date	Comments



Revisions

#	Date	Comments



Drawn By: M.Tjoa
Checked By: C.Sylvestre
Date: 2026-01-13

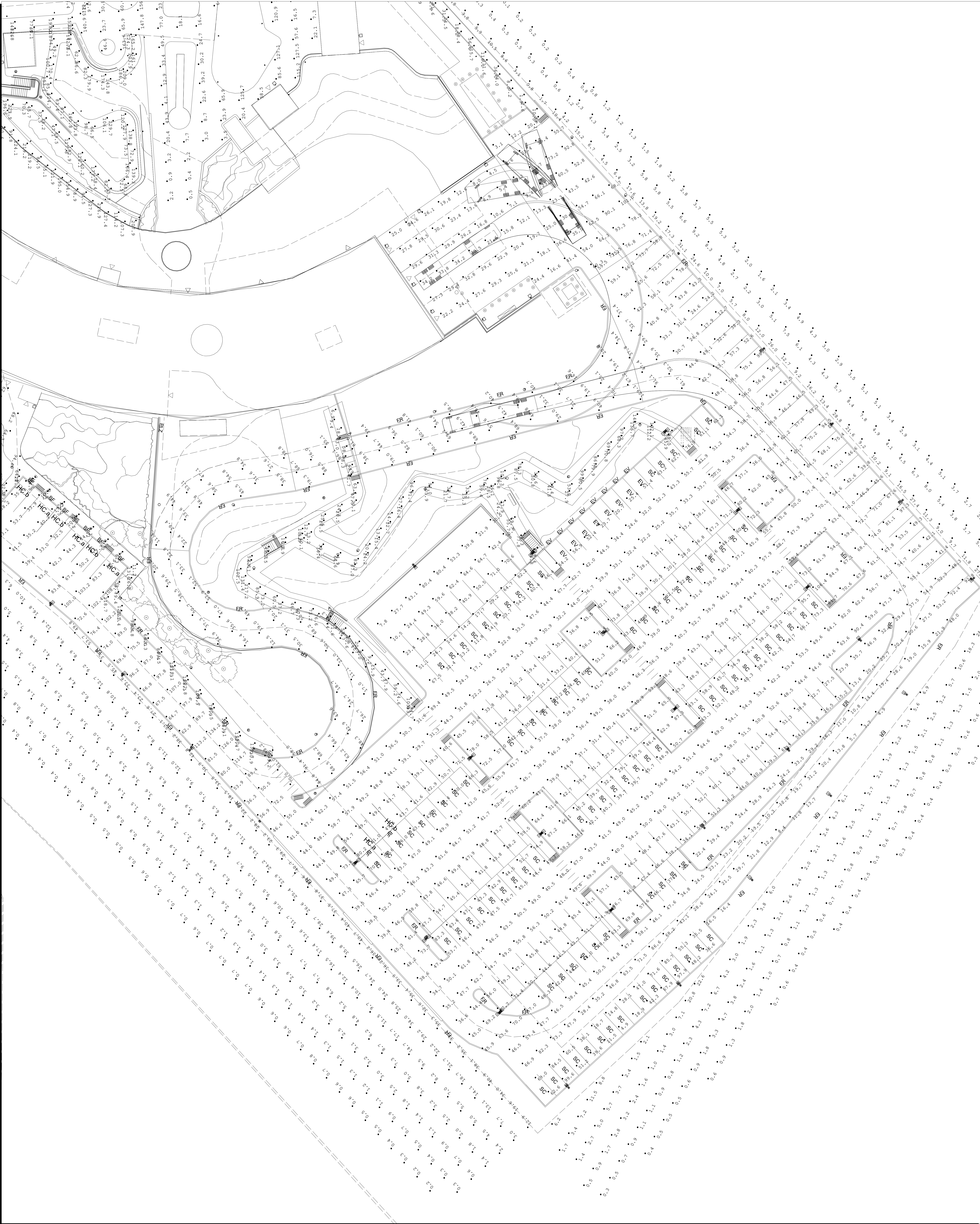
Scale:

Lighting Calculation

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Lighting Calculation

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Date:2026-01-13

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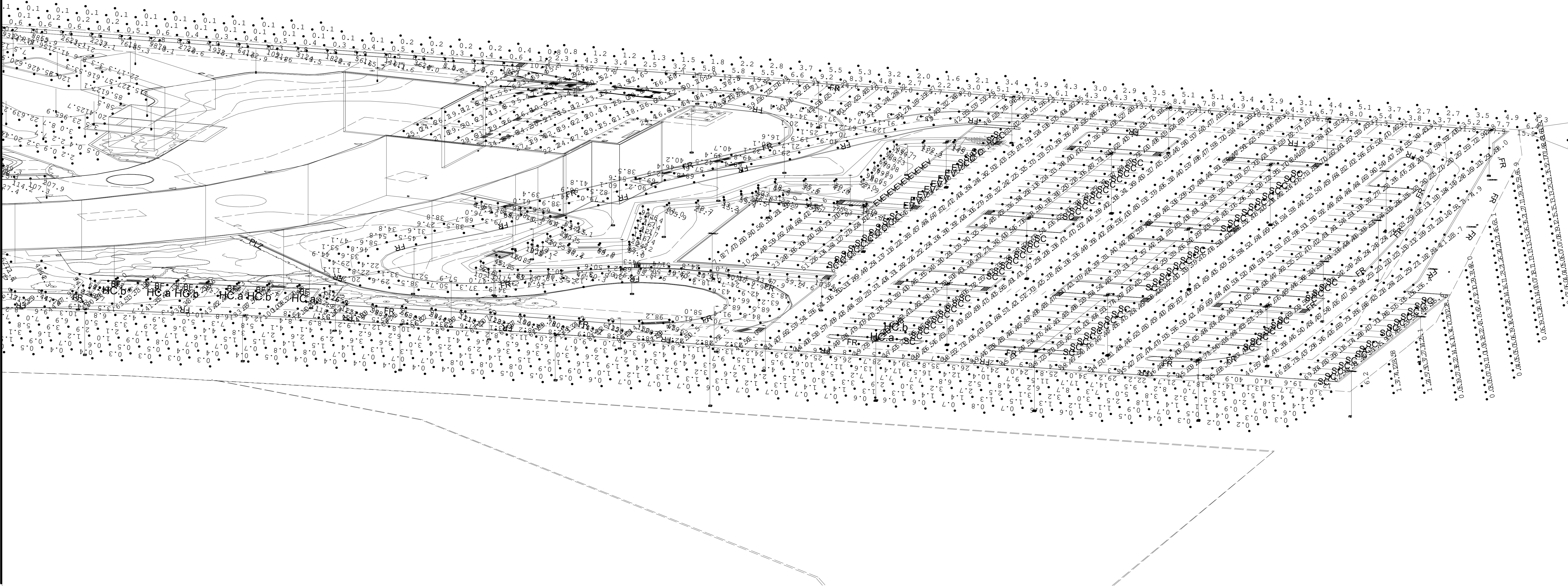
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Date: 2026-01-13

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Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	12	Y1	Back-Back	VP-1-160L-100-4K7-4F		0.900	11618	92	2208
	17	Y	Single	VP-1-160L-100-4K7-4F		0.900	11618	92	1564
	10	Y3	Single	VPW1-24L-25-4K7-4F		0.900	3044	23	230
	199	YP	Single	BL0131A032LD8T240K		0.900	3837	32	6368
	17	YW	Single	RARD2W01-BA03-BB75-CR80-CTA40-CTB40		0.900	535	10.11	171.87
	33	YD	Single	UR20-24L-65-4K7-4-PT		0.900	7223	65	2145

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Driveway	Illuminance	Lux	46.92	129.1	7.0	6.70	18.44
Exterior Property Line	Illuminance	Lux	2.99	36.9	0.2	14.95	184.50
Exterior Property Line_2	Illuminance	Lux	1.19	23.2	0.0	N.A.	N.A.
Exterior Property Line_3	Illuminance	Lux	0.00	0.1	0.0	N.A.	N.A.
Exterior Property Line_4	Illuminance	Lux	0.01	0.2	0.0	N.A.	N.A.
Exterior Property Line_5	Illuminance	Lux	8.54	53.7	0.2	42.70	268.50
Loading Dock	Illuminance	Lux	34.36	101.0	3.1	11.08	32.58
Parking Lot	Illuminance	Lux	46.93	106.4	3.7	12.68	28.76
Pathway Loading Dock	Illuminance	Lux	74.10	177.0	2.6	28.50	68.08
Pathway Loading Dock_1	Illuminance	Lux	55.82	122.5	1.9	29.38	64.47
Pathway Loading Dock_2	Illuminance	Lux	75.35	124.5	34.1	2.21	3.65
Pathway Loading Dock_3	Illuminance	Lux	65.40	108.1	35.3	1.85	3.06
Pathway Parking_1	Illuminance	Lux	59.82	148.7	6.9	8.67	21.55
Pathway Parking_2	Illuminance	Lux	55.40	145.9	9.4	5.89	15.52
Pathway Parking_3	Illuminance	Lux	65.68	139.4	27.9	2.35	5.00
Pathway Parking_4	Illuminance	Lux	67.00	148.8	24.2	2.77	6.15
Pathway Parking_5	Illuminance	Lux	57.64	131.4	9.2	6.27	14.28
Pathway Parking_6	Illuminance	Lux	55.69	117.2	9.0	6.19	13.02
Pool Pathway_1	Illuminance	Lux	110.29	205.1	24.2	4.56	8.48
Pool Pathway_10	Illuminance	Lux	113.59	204.8	56.7	2.00	3.61
Pool Pathway_11	Illuminance	Lux	111.22	208.7	55.9	1.99	3.73
Pool Pathway_12	Illuminance	Lux	102.98	179.0	53.2	1.94	3.36
Pool Pathway_13	Illuminance	Lux	70.63	136.0	30.1	2.35	4.52
Pool Pathway_14	Illuminance	Lux	67.87	167.7	22.4	3.03	7.49
Pool Pathway_15	Illuminance	Lux	96.76	153.3	59.1	1.64	2.59
Pool Pathway_16	Illuminance	Lux	101.85	176.9	71.4	1.43	2.48
Pool Pathway_17	Illuminance	Lux	112.79	197.3	40.7	2.77	4.85
Pool Pathway_18	Illuminance	Lux	86.88	126.9	39.6	2.19	3.20
Pool Pathway_19	Illuminance	Lux	88.90	189.2	40.5	2.20	4.67
Pool Pathway_2	Illuminance	Lux	86.42	233.3	19.8	4.36	11.78
Pool Pathway_20	Illuminance	Lux	85.53	141.7	39.1	2.19	3.62
Pool Pathway_21	Illuminance	Lux	123.69	223.5	38.2	3.24	5.85
Pool Pathway_22	Illuminance	Lux	114.22	203.9	34.3	3.33	5.94
Pool Pathway_23	Illuminance	Lux	32.61	141.9	0.4	81.53	354.75
Pool Pathway_24	Illuminance	Lux	60.14	134.9	4.7	12.80	28.70
Pool Pathway_25	Illuminance	Lux	47.59	145.6	2.3	20.69	63.30
Pool Pathway_26	Illuminance	Lux	57.19	160.0	1.5	38.13	106.67
Pool Pathway_27	Illuminance	Lux	42.39	201.1	0.2	211.95	1006
Pool Pathway_28	Illuminance	Lux	48.46	163.6	0.4	121.15	409.00
Pool Pathway_29	Illuminance	Lux	42.42	196.5	1.1	38.56	176.64
Pool Pathway_3	Illuminance	Lux	94.62	185.5	25.6	3.70	7.25
Pool Pathway_30	Illuminance	Lux	86.04	219.8	0.8	107.55	274.75
Pool Pathway_4	Illuminance	Lux	90.56	201.6	21.1	4.29	9.55
Pool Pathway_5	Illuminance	Lux	116.52	165.5	42.8	2.72	3.87
Pool Pathway_6	Illuminance	Lux	115.35	218.0	35.1	3.29	6.21
Pool Pathway_7	Illuminance	Lux	138.07	183.6	44.6	3.10	4.12
Pool Pathway_8	Illuminance	Lux	142.80	228.5	48.1	2.97	4.75
Pool Pathway_9	Illuminance	Lux	112.29	191.4	55.0	2.04	3.48
Property Line	Illuminance	Lux	7.62	31.1	0.8	9.53	38.88
Side Driveway	Illuminance	Lux	62.45	134.2	10.6	5.89	12.66
Side Pathway_1	Illuminance	Lux	60.89	150.7	7.1	8.58	21.23
Side Pathway_2	Illuminance	Lux	60.13	132.4	6.1	9.86	21.70
Side Pathway_3	Illuminance	Lux	34.64	75.7	6.5	5.33	11.65
Side Pathway_4	Illuminance	Lux	29.90	51.5	5.9	5.07	8.73
Side Pathway_5	Illuminance	Lux	72.29	95.3	48.2	1.50	1.98
Parking Lot Pathway	Illuminance	Lux	57.96	148.8	6.9	8.40	21.57



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Checked By: C.Sylvestre
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