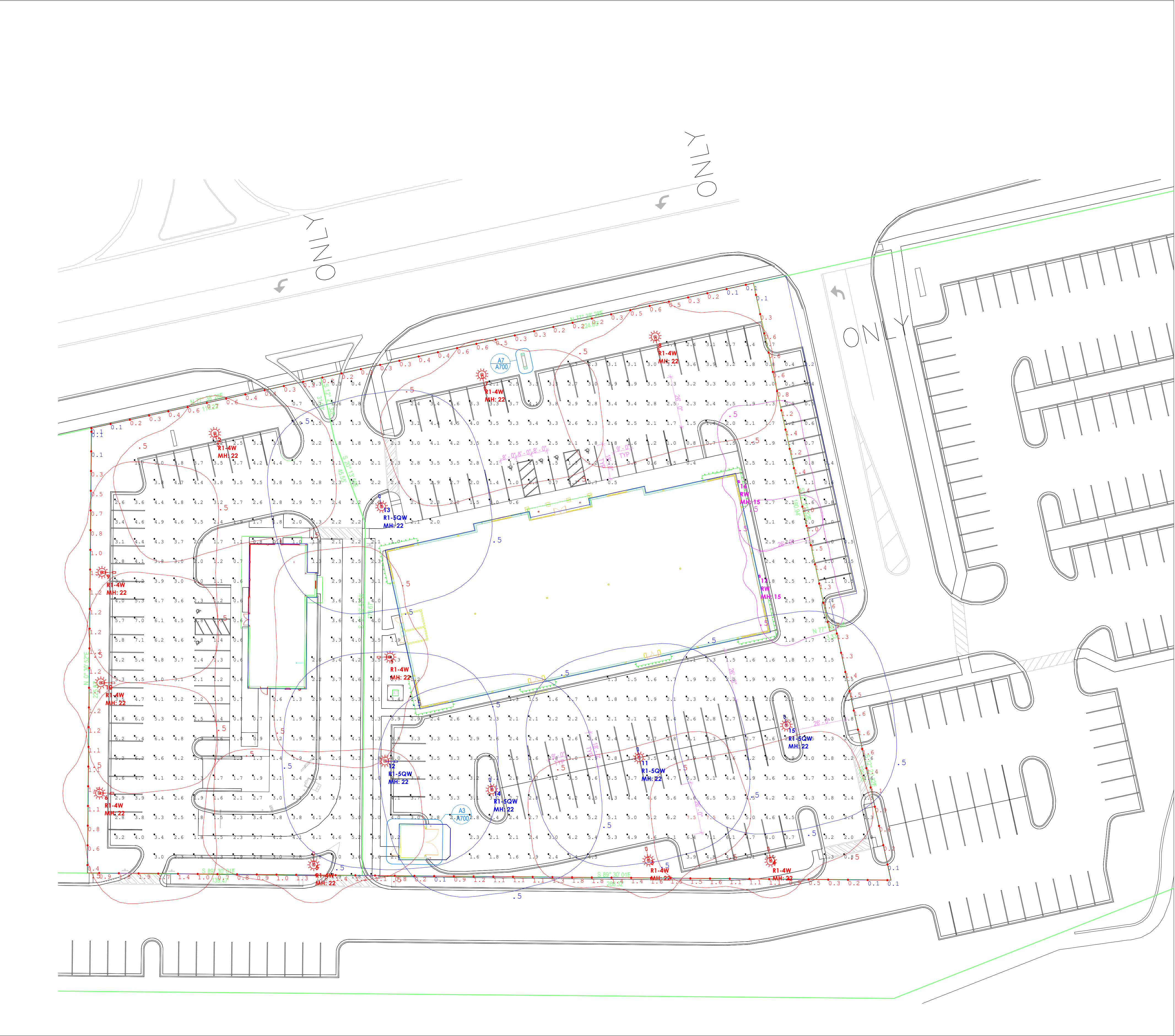


Luminaire Schedule - Part numbers are provided by the manufacturer and are only intended to be used as a reference to output and optics used.								
Symbol	Qty	Tag	Arrangement	Luminaire Lumens	Luminaire Watts	LLF	Manufacturer	Description
	10	R1-4W	Single	17568	133.5	0.900	HUBBELL OUTDOOR	RAR1-160L-135-4K7-4W-U
	5	R1-5QW	Single	18030	133.5	0.900	HUBBELL OUTDOOR	RAR1-160L-135-4K7-5QW-U
	2	RW	Single	5704	46.5	0.900	HUBBELL OUTDOOR	RWL1-48L-45-4K7-4W-U

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Max/Min	Avg/Min	Description	
PARKING AREA_Planar	Illuminance	Fc	2.80	7.5	0.2	37.50	14.00	READINGS TAKEN @ GRADE LEVEL	
PROPERTY LINE	Illuminance	Fc	0.87	2.0	0.1	20.00	8.70	READINGS TAKEN @ GRADE LEVEL	



Not to Scale

Luminaire Location Summary				
LumNo	Label	Mtg Ht	Orient	Tilt
1	R1-4W	22	180	0
2	R1-4W	22	283	0
3	R1-4W	22	103	0
4	R1-4W	22	103	0
5	R1-4W	22	90	0
6	R1-4W	22	0	0
7	R1-4W	22	283	0
8	R1-4W	22	283	0
9	R1-4W	22	0	0
10	R1-4W	22	0	0
11	R1-5QW	22	101	0
12	R1-5QW	22	0	0
13	R1-5QW	22	102	0
14	R1-5QW	22	101	0
15	R1-5QW	22	101	0
16	RWL1-48L-45-4K7-4W	15	13	0
17	RWL1-48L-45-4K7-4W	15	13	0

PARKING LOT DESIGN GUIDE	MAINTAINED HORIZONTAL		MAINTAINED VERTICAL		MAXIMUM	
	AVERAGE (FC)	RANGE (FC)	AVERAGE (FC)	RANGE (FC)	AVG:MIN	MAX:MIN
PARKING (UNCOVERED) ZONE 3 (URBAN)	1.5	0.75 - 3	0.8	0.4 - 1.6	4:1	15:1
PARKING (UNCOVERED) ZONE 2 (SUBURBAN)	1	0.5 - 2	0.6	0.3 - 1.2	4:1	15:1
SAFETY (BUILDING EXTERIOR)	1	0.5 - 2	-	-	FOR SECURITY ISSUES, RAISE AVG. TO 3	

SIMPLIFIED RECOMMENDATIONS BASED ON IES "THE LIGHTING HANDBOOK" 10TH EDITION AND IES RP-20-14. INDIVIDUAL APPLICATIONS WILL DETERMINE SPECIFIC RECOMMENDATIONS. PLEASE REFER TO THE MOST RECENT HANDBOOK FOR A MORE DETAILED EVALUATION AND ADDITIONAL APPLICATIONS. THESE RECOMMENDATIONS DO NOT SUPERCEDE ANY APPLICABLE CODES.

NOTES
PG-ENLIGHTEN IS NEITHER LICENSED NOR INSURED TO DETERMINE CODE COMPLIANCE. CODE COMPLIANCE REVIEW BY OTHERS.
ANY VARIANCE FROM REFLECTANCE VALUES, OBSTRUCTIONS, LIGHT LOSS FACTORS OR DIMENSIONAL DATA WILL AFFECT THE ACTUAL LIGHT LEVELS OBTAINED.
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.
FIXTURE TYPES AND QUANTITIES MAY CHANGE BASED ON UNKNOWN OBSTRUCTIONS OR FIELD CONDITIONS. THESE CHANGES MAY RESULT IN AN INCREASED QUANTITY OF FIXTURES.
FIXTURE TYPES AND QUANTITIES BASED ON PROVIDED LAYOUT AND DRAWINGS ARE FOR REFERENCE ONLY. TYPES AND QUANTITIES MAY CHANGE WITH FUTURE REVISIONS.
CALCULATION GRID VALUES 10'-0" O.C.



PROJECT NAME:			21098 - Aurora Ave Naperville Pkg		
CLIENT NAME:			Jose Marrero - ECL Engineering Consultants		
DRAWN BY:			Name		
PG CONTACT:			Name		
1			2		
3			REVISIONS		



PROJECT NAME:

21098 - Aurora Ave Naperville Pkg

CLIENT NAME:

Jose Marrero - ECL Engineering Consultants

Date:6/24/2022

Page 2 of 3

PG CONTACT:

Name
kyle.hickey@pg-enlighten.com
773-675-7935

DRAWN BY:

Name
jess.suacedo@pg-enlighten.com
847-956-1276

1

2

3

REVISIONS



enlighten



PROJECT NAME:

21098 - Aurora Ave Naperville Pkg

CLIENT NAME:

Jose Marrero - ECL Engineering Consultants

PG CONTACT:

Name
kyle.liskey@pg-enlighten.com
773-675-7935

DRAWN BY:

Name
jess.suicedo@pg-enlighten.com
847-956-1276

1

2

3

REVISIONS



enlighten