



- NOTES:
- NEW AREA LIGHTS (#1, #2, #3) TO BE INSTALLED ON EXISTING POLES.
 - NEW AREA LIGHTS (#4, #5, #6) TO BE INSTALLED ON NEW 12'-0" POLES MOUNTED AT GRADE.
 - ALL AREA LIGHT FIXTURES ARE EQUIPPED WITH BACKLIGHT CONTROL SHIELDS.
 - NEW CANOPY LIGHTS TO BE MOUNTED ON EXISTING DECKING.
 - THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS REGULATED BY LOCAL ORDINANCES.
 - ALL LIGHTS ARE TO BE INSTALLED HORIZONTALLY WITH ZERO TILT.
 - THE EXTERIOR LIGHTING DESIGN DEPICTED ON THIS PHOTOMETRIC PLAN COMPLIES WITH THE REQUIREMENTS OF THE NAPERVILLE MUNICIPAL CODE SECTION 6-14-4:3.7.2 AS UNDERSTOOD BY CASEY'S.

LUMINAIRE LOCATION SUMMARY		
LUM. NO.	LABEL	MTG. HT.
1	A	12
2	A	12
3	B	12
4	B	12
5	B	12
6	B	12
7	C1	14
8	C1	14
9	C1	14
10	C1	14
11	C1	14
12	C1	14
13	C1	14
14	C1	14
15	C2	14
16	C2	14
17	C2	14
18	C2	14
19	C2	14
20	C3	14
21	C3	14
22	C3	14
23	C4	14
24	C4	14
25	C4	14
26	C4	14
27	E	11
28	F	11
29	F	11
30	F	11
31	F	11
32	F	11
33	F	11
34	F	11
35	F	11
36	X	14
37	X	14
38	X	14
39	X	14
40	X	14
41	X	14
42	X	14
43	X	14
44	X	14
45	X	14

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	3.30	12.5	0.7	4.71	17.86
PROPERTY LINE	1.26	8.2	0.0	N.A.	N.A.
UNDEFINED AREA	0.55	7.5	0.0	N.A.	N.A.
UNDER CANOPY	23.69	30	16	1.48	1.88

BLANK PLATE SCHEDULE			
SYMBOL	QTY	LABEL	DESCRIPTION
[Symbol]	10	X	XA-BXCC9002& + XA-BXCCBPW + XA-BXCCBPW-FP (BLANK KIT)

LUMINAIRE SCHEDULE												
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LATF	DIMMING LUMEN MULTIPLIER	LLF	BUG Rating	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
[Symbol]	2	A	SINGLE	7998	1.030	1.000	1.030	B1-U0-G2	134	268	CREE, INC.	ARE-EDG-3MB-DA-06-E-UL-XX-700-57K
[Symbol]	4	B	SINGLE	8096	1.030	1.000	1.030	B1-U0-G2	101	404	CREE, INC.	ARE-EDG-4MB-DA-06-E-UL-XX-525-57K
[Symbol]	8	C1	SINGLE	8275	1.020	0.530	0.541	B3-U2-G1	26	208	CREE, INC.	CP5-8L-57K7-DF-UL-DM-XX-Q1 + CP5-BZ-SP-XX + CP5-BP-12-XX
[Symbol]	5	C2	SINGLE	8275	1.020	0.790	0.806	B3-U2-G1	39	195	CREE, INC.	CP5-8L-57K7-DF-UL-DM-XX-Q5 + CP5-BZ-SP-XX + CP5-BP-12-XX
[Symbol]	3	C3	SINGLE	8275	1.020	0.910	0.928	B3-U2-G1	45	135	CREE, INC.	CP5-8L-57K7-DF-UL-DM-XX-Q7 + CP5-BZ-SP-XX + CP5-BP-12-XX
[Symbol]	4	C4	SINGLE	13518	1.020	0.800	0.816	B3-U3-G2	64	256	CREE, INC.	CP5-13L-57K7-DF-UL-DM-XX-Q5 + CP5-BZ-SP-XX + CP5-BP-12-XX
[Symbol]	1	E	SINGLE	2551	1.030	0.540	0.556	B1-U0-G1	13	13	CREE, INC.	SEC-EDG-2M-WM-02-E-UL-XX-350-57K(SET TO 2.3V)
[Symbol]	8	F	SINGLE	2220	1.030	1.000	1.030	B1-U0-G1	25	200	CREE, INC.	SEC-EDG-4M-WM-02-E-UL-XX-350-57K

REV.	BY	DATE	DESCRIPTION	REV.	BY	DATE	DESCRIPTION
R1	RCF	03/22/2022	ADDED NEW AREA LIGHTS ON EXISTING AND NEW POLES AND ADDED NEW CANOPY LIGHTS.	R5	JSG	8/23/22	ADD NOTE PER COMMENTS RECEIVED
R2	RCF	05/03/2022	CHANGED CANOPY LIGHTS TO CREE "CPY500" FIXTURES AND ADDED SEVERAL BLANKS.				
R3	RCF	05/17/2022	MODIFIED THE CANOPY LIGHTING TO ACHIEVE IMPROVED LIGHTING AT THE DISPENSERS.				
R4	JSG	7/15/22	ADD DIRECTIONAL ARROW, SCALE, AND HORIZONTAL MTG. NOTE.				

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