

SITE LIGHTING NOTES

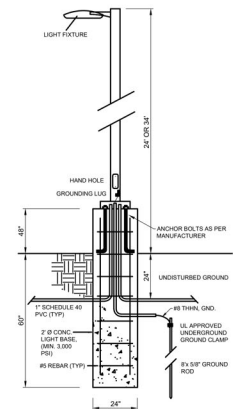
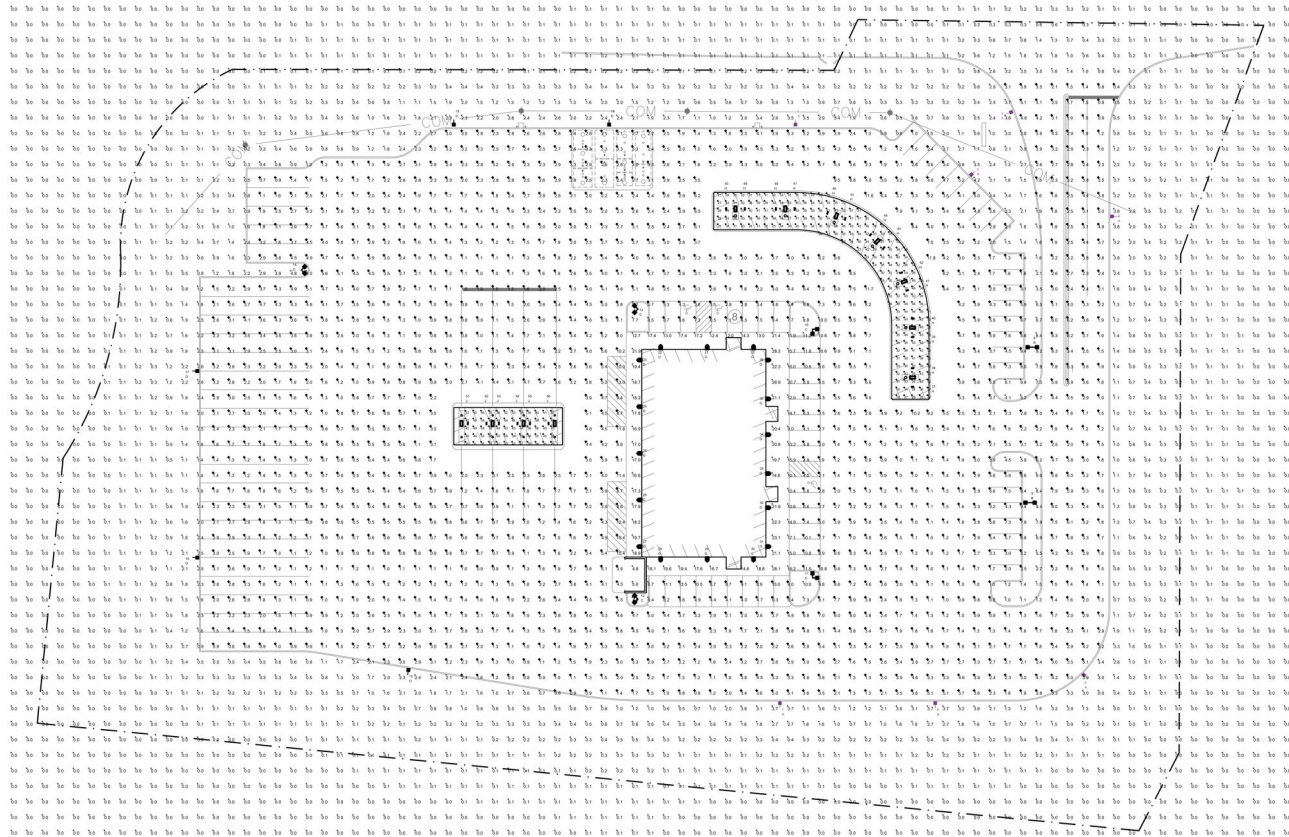
POLES AND FIXTURES TO BE LOCATED GENERALLY WHERE SHOWN ON THE PLAN. ALL EXTERIOR LIGHTING FIXTURES, INCLUDING WALL-MOUNTED FIXTURES, POLES AND HARDWARE WILL BE FURNISHED BY RITTERS.

THE CONTRACTOR IS RESPONSIBLE FOR LIGHTING-RELATED EXCAVATION, TRENCHING, WIRING, CONDUIT, FOUNDATIONS, AND INSTALLATION OF LIGHTING COMPONENTS FURNISHED BY RITTERS. ALL CONCRETE LIGHTING POLE FOUNDATIONS SHALL EXTEND 4" ABOVE THE PROPOSED GROUND SURFACE ELEVATION UNLESS INDICATED OTHERWISE. ALL LIGHT FIXTURES SHALL BE DIRECTED DOWNWARD AND INWARD TOWARDS THE SITE, AND SHALL BE SHIELDED TO AVOID GLARE ON ADJACENT PROPERTIES AND STREETS. ALL WIRING FOR LIGHTING SHALL BE PLACED IN CONDUIT.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA AND TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

UTILITY COORDINATION NOTE

CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE PLACEMENT OF LIGHT POLES WITH UTILITY COMPANIES TO AVOID CONFLICTS WITH RELOCATED UTILITY POLES AND WIRES.



TYPICAL SITE LIGHTING POLE DETAIL

NOT TO SCALE

EACH POLE'S SPECIFIC FOUNDATION SIZE SHALL BE VERIFIED BY THE CONTRACTOR THROUGH CONSULTATION WITH THE LIGHT POLE MANUFACTURER SINCE IT MAY VARY DEPENDING ON THE SPECIFIC POLE HEIGHT.

LUM NO.	LABEL	MTG. HT.
1 - 7	A	24
8 - 9	B	24
10 - 11	C	24
12 - 14	C	34
15 - 19	D	34
20 - 36	G	18
37 - 50	H	16
51 - 56	J	16

LABEL	AVG	MAX	MIN	AVGMIN	MAXMIN
PAVED AREA	2.89	15.0	0.4	7.23	37.50
UNDEFINED AREA	0.84	28.3	0.0	N.A.	N.A.
UNDER CANOPY_DEISEL	45.15	64	25	1.81	2.56
UNDER CANOPY_GAS	35.06	47	16	2.19	2.94

NOTES:
 - AREA LIGHTS (1 THRU 11) ARE ON NEW 20 FT. POLES MOUNTED ON 4 FT. CONCRETE BASES
 - AREA LIGHTS (12 THRU 19) ARE ON NEW 30 FT. POLES MOUNTED ON 4 FT. CONCRETE BASES

SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
[Symbol]	7	A	SINGLE	16998	1.000	B2-U0-G3	132	924	CREE, INC.	OSQ-ML-B-DA-XX + OSQ-B-22L-57K7-4M-UL-NM-XX + OSQ-BLSLF
[Symbol]	2	B	D180	22098	1.000	B3-U0-G3	132	528	CREE, INC.	OSQ-ML-B-DA-XX + OSQ-B-22L-57K7-4M-UL-NM-XX
[Symbol]	5	C	2 @ 90 DEGREES	22098	1.000	B3-U0-G3	132	1320	CREE, INC.	OSQ-ML-B-DA-XX + OSQ-B-22L-57K7-4M-UL-NM-XX
[Symbol]	5	D	SINGLE	22298	1.000	B3-U0-G3	202	1010	CREE, INC.	OSQ-ML-B-DA-XX + OSQ-B-30L-57K7-4M-UL-NM-XX + OSQ-BLSLF
[Symbol]	17	G	SINGLE	11259	1.000	B3-U0-G3	134	2278	CREE, INC.	SEC-EDG-4M-WM-06-E-UL-XX-700-57K
[Symbol]	14	H	SINGLE	20785	1.000	B4-U0-G2	201	2814	CREE, INC.	CAN-228-SL-RM-09-E-UL-XX-700-57K
[Symbol]	6	J	SINGLE	20785	1.000	B4-U0-G2	201	1206	CREE, INC.	CAN-228-SL-RM-09-E-UL-XX-700-57K