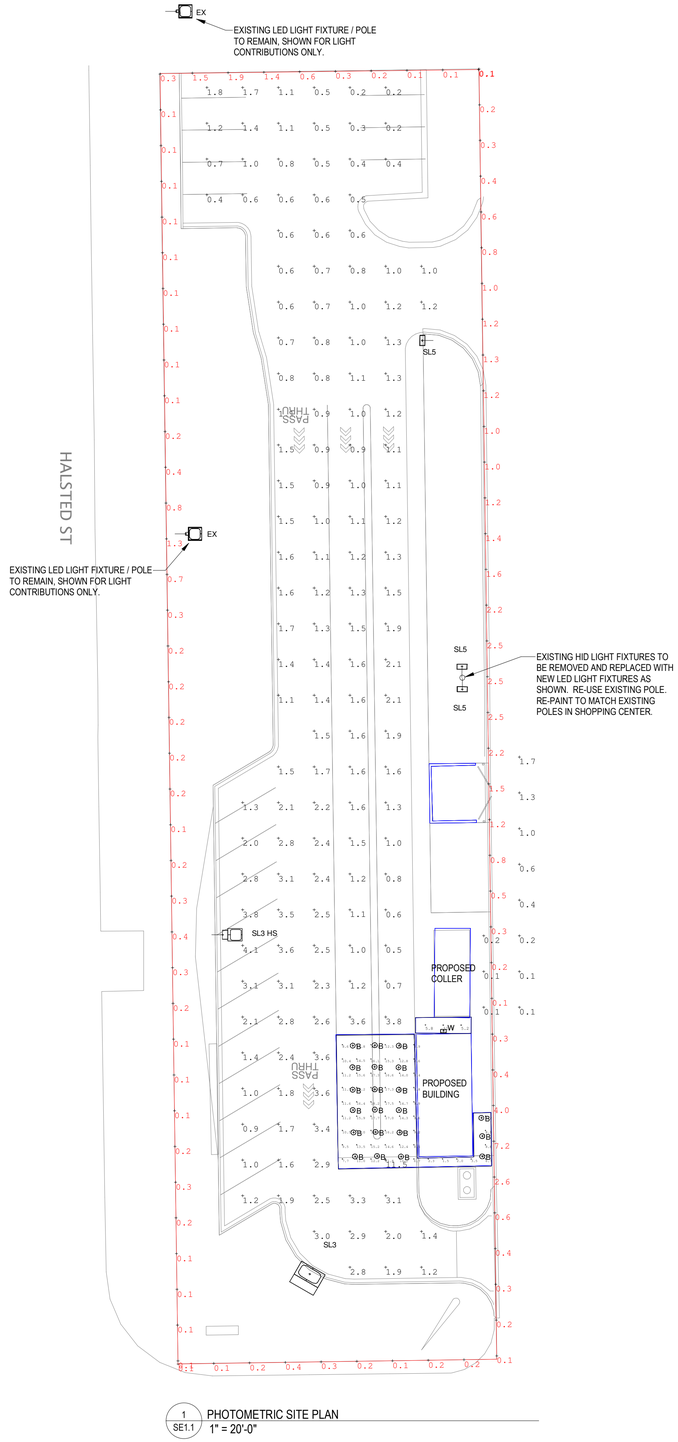
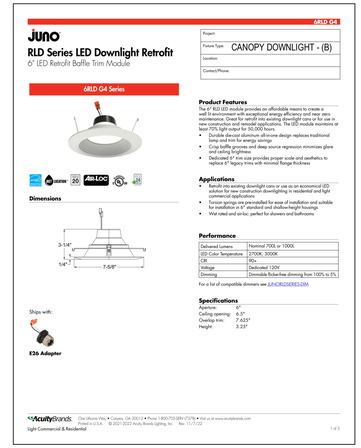
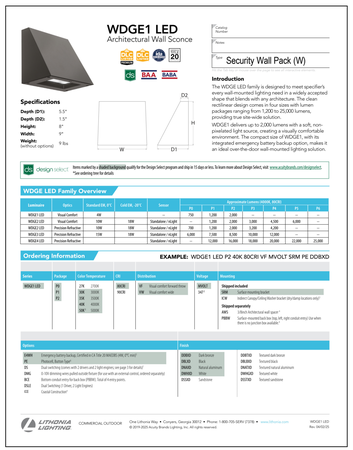


1 SE1.1 PHOTOMETRIC SITE PLAN
1" = 20'-0"





Luminaire Schedule									
Symbol	Tag	Qty	Description	LLF	Mounting Height	Luminaire Lumens	Luminaire Watts	Total Watts	BUG Rating
	SL3	1	RSX1 LED P1 30K RSS 70 CRI MVOLT SPA (POLE MOUNTED)	0.970	20	6631	51.3435	51.343	B1-U0-G1
	SL3 HS	1	RSX1 LED P3 30K RS HE 70 CRI MVOLT SPA - HOUSE SIDE SHIELD (POLE MOUNTED)	0.970	20	8957	109.44	109.44	B1-U0-G2
	W	1	WDGE1 LED P1 30K 80CRI VW	0.910	7	1164	10.0002	10	B0-U0-G0
	EX	2	EXISTING PARKING LOT LED LIGHT (USED FOR LIGHT CONTRIBUTION PURPOSES ONLY)	0.680	15, 20	6287	72.95	145.9	B1-U0-G2
	SL5	3	RSX1 LED P2 30K RS	0.970	20	9197	72.95	218.85	B4-U0-G2
	B	21	6RLD G4 10LM 27K 90CRI 120 FRPC WWH M6 LED IC AT	0.800	10	1043	11.7	245.7	N.A.

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Canopy - Main	Fc	11.56	18.2	1.5	7.97	12.13
Canopy - Rear	Fc	7.63	11.9	5.2	1.47	2.29
Parking Drive Area	Fc	1.40	11.5	0.2	8.00	57.50
Property Boundary - East	Fc	1.24	7.2	0.1	12.40	72.00
Property Boundary - North	Fc	0.88	1.9	0.1	6.90	19.00
Property Boundary - South	Fc	0.20	0.4	0.1	2.00	4.00
Property Boundary - West	Fc	0.24	1.3	0.1	2.40	13.00
Trash Area	Fc	0.93	1.7	0.1	9.30	17.00

ELECTRICAL NOTES

THIS PLAN IS BASED ON INFORMATION PROVIDED, ALL DIMENSIONS, LUMINAIRE LOCATIONS SHOWN REPRESENT POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE STUDY IS BASED ON REQUESTED ILLUMINATION LEVELS, LUMINAIRE LOCATIONS, OR ADDITIONAL CRITERIA BY THE AUTHORITIES HAVING JURISDICTION.

THIS PHOTOMETRIC PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS.

THIS PLAN REPRESENTS A SOFTWARE SIMULATED PHOTOMETRIC STUDY OF THE EXTERIOR SITE LIGHTING PLAN, AND INDICATES THE SIMULATED LIGHT INTENSITY CALCULATED IN FOOT-CANDLES. THIS STUDY DOES NOT TAKE INTO AFFECT A CHANGE IN GRADE ELEVATION.

THE USE OF SENSOR TECHNOLOGIES, TIMERS OR OTHER MEANS TO ACTIVATE LIGHTING DURING TIMES WHEN IT WILL BE NEEDED IS ENCOURAGED TO CONSERVE ENERGY, PROVIDE SAFETY AND PROMOTE COMPATIBILITY BETWEEN DIFFERENT LAND USES. LOWER LIGHTING LEVELS AT OFF-PEAK TIMES ARE ENCOURAGED AS A SAFETY MEASURE.

Aaron M. Fiegel, P.E.
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479-636-5004
JOB NO.: 040022.041
DESIGNED BY: TPS

LICENSED PROFESSIONAL ENGINEER
AARON M. FIEGEL
062-076162
STATE OF ILLINOIS

Signature

Apr 15, 2026
Date

EXP: 11/30/27

NO	DATE	REVISION

PROJECT NAME:
7 BREW
HOMEWOOD, IL

17855 S. HALSTED
HOMEWOOD, IL 60430

DRAWING TITLE:
PHOTOMETRIC SITE PLAN

FILE: XXX
DRAWN BY: TPS
CHECKED BY: AMF
PROJ. NO: 040022.041
DRAWING NO: SE1.1

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