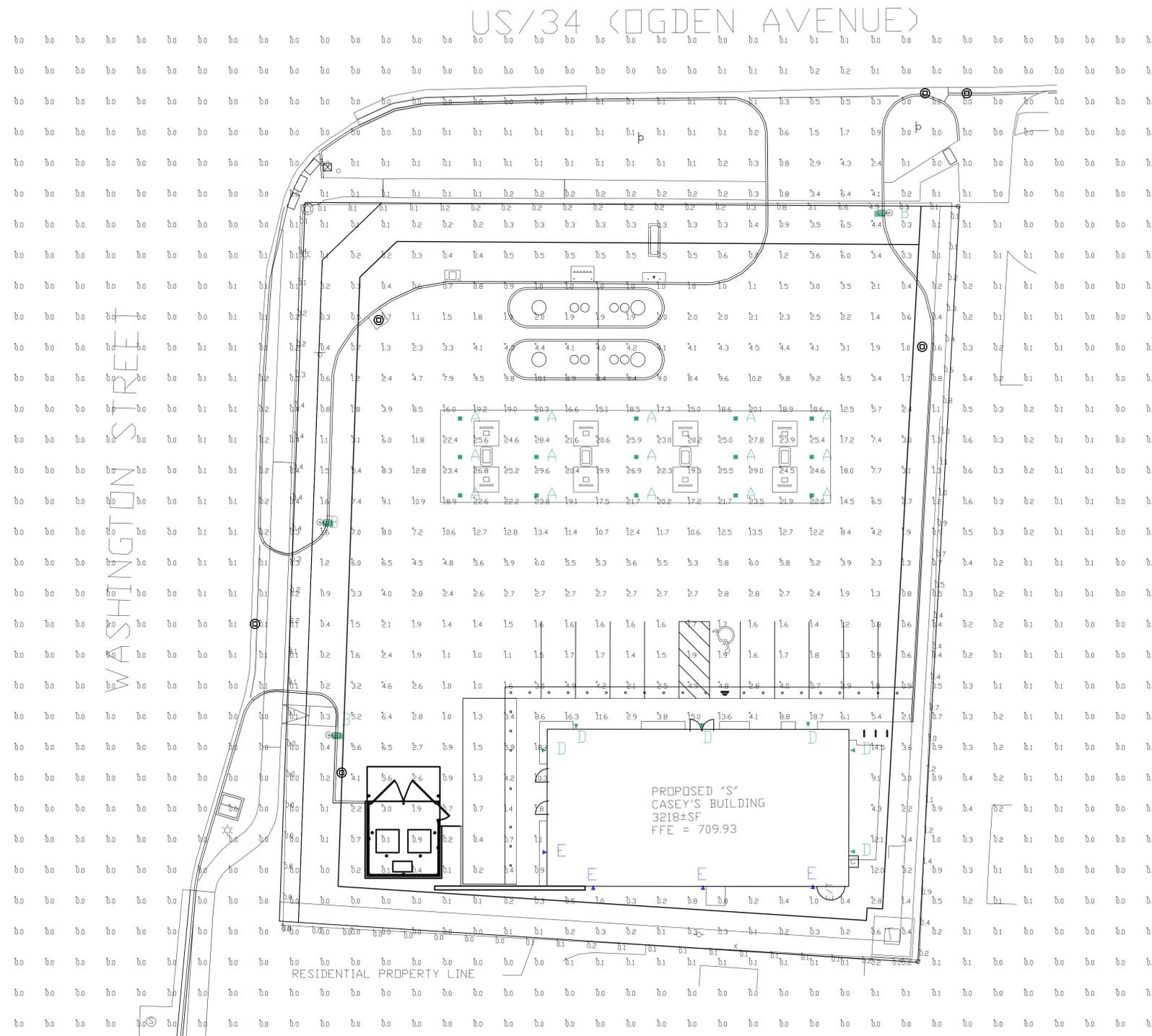


Dimensions of drawings that have been scaled or converted from PDF files or scanned /submitted images are approximate.

The IES no longer uses the Cutoff Classification System for LED fixtures. The IES classifies LED fixtures with the BUG rating which refers to the Backlight-Uplight-Glare system. An Uplight of "U0" most closely matches the old Full Cutoff rating.



* BASED ON CONSTRAINTS IN INDUSTRY USED LIGHTING PROGRAM AGI32, THE ONLY WAY TO CORRECTLY SHOW A LED FIXTURE BEING DIMMED, IS TO ADJUST THE LLF. THE PERCENTAGE THE FIXTURE IS BEING DIMMED IS NOTED IN THE SCHEDULE. THE REMAINING USABLE PERCENTAGE OF LIGHT IS SHOWN IN THE LLF.

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.

BASED ON LSI ASSOCIATES INTERPRETATION OF THE CODE, THE EXTERIOR LIGHTING DEPICTED ON THE PLAN COMPLIES WITH THE REQUIREMENTS OF THIS CHAPTER.

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
ALL CALCS @ GRADE	Illuminance	Fc	2.06	29.6	0.0	N.A.	N.A.	0
NONRESIDENTIAL PROPERTY LINE	Illuminance	Fc	0.56	6.6	0.0	N.A.	N.A.	N.A.
RESIDENTIAL PROPERTY LINE	Illuminance	Fc	0.08	0.2	0.0	N.A.	N.A.	N.A.
CANDPY	Illuminance	Fc	23.18	29.6	17.2	1.35	1.72	
INSIDE CURB	Illuminance	Fc	4.86	20.3	0.2	24.30	101.50	

Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts	BUG Rating	
	15	A	Single	CRUS-SC-LW-50	16'	1.000	0.750	11148	73	B3-U0-G1	
	3	B	Single	SLM-LED-09L-SIL-FT-50-70CRI-IL-SINGLE	12' NEW POLE	1.000	0.750	6151	63	B0-U0-G2	
	6	D	Single	GSR-06L-FT-50	10'	1.000	0.750	5958	49	B2-U0-G1	
	4	E	Single	GSR-02L-FT-50 DIMMED 90%	10'	1.000	0.100*	2373	18	B1-U0-G1	

PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the field layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Total Project Watts
Total Watts = 1650



LIGHTING PROPOSAL LO-161478-9

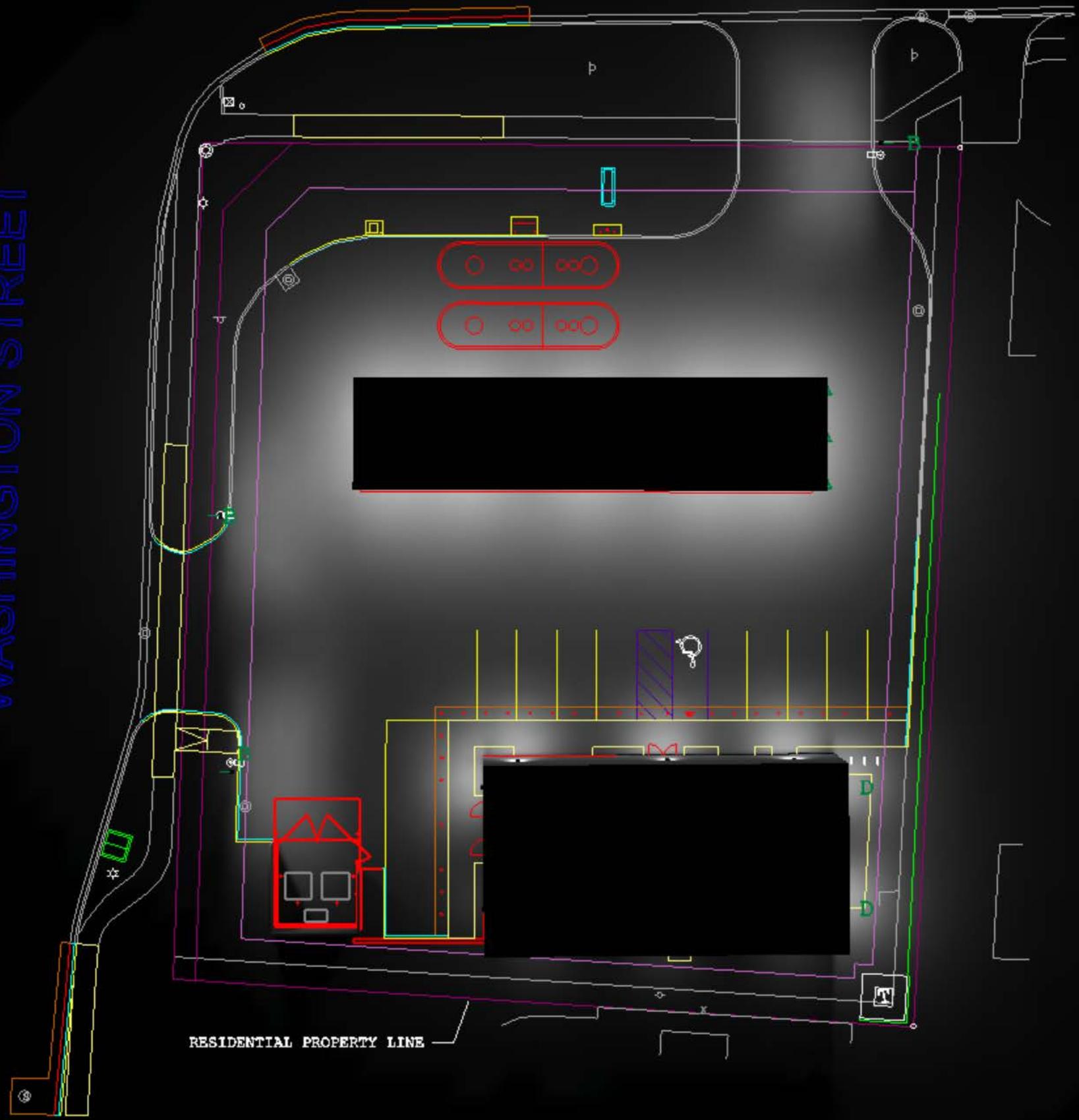
CASEY'S #6531
20 E OGDEN AVE
NAPERVILLE, IL

BY:WJE:MK DATE:11-25-24 REV:07-11-25 SHEET 1 OF 1

SCALE: 1"=16' 0 16

US/34 (OGDEN AVENUE)

WASHINGTON STREET



RESIDENTIAL PROPERTY LINE