ROADWAY APPLICATIONS
1.) Readings shown are based on a total LLF of as shown at grade.
Data references the extrapolated performance projections in a 25c ambient
based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).
2.) Design intent for compliance with RP-8-18 based on these parameters:
i. Road Class…………Local
ii. Pavement Class…….R3
iii. Pedestrian Activity….Low
3.) Please refer to the "luminaire locations" for mounting heights.
4.) Product information can be obtained at www.Holophane.com or through your local agent.
5.) Calculations do not account for topography and possible obstructions such as existing
old growth trees or foliage.

Luminaire Location Summary

		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	A	71262.904	35405.925	25	0.107	0
2	A	71263.827	35462.083	25	350.828	0
3	A	71265.635	35307.435	25	7.886	0
4	A	71290.962	35501.555	25	302.284	0
5	A	71319.638	35261.176	25	90	0
6	A	71394.517	35515.109	25	273.395	0
7	A	71469.197	35260.402	25	90	0
8	A	71519.504	35520.329	25	271.551	0
9	A	71449	35340.5	25	270	0

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Roadway Standard	LV Ratio	RTable	Actual Q Value
boundary line	Illuminance	Fc	0.01	0.5	0.0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
parking	Illuminance	Fc	0.97	1.3	0.3	3.23	4.33	N.A.	N.A.	N.A.	N.A.
Road_1_Illum	Illuminance	Fc	0.74	1.6	0.2	3.70	8.00	ANSI-IES RP-8-18 Roadway	N.A.	N.A.	N.A.
Road_1_Luminance	Luminance	Cd/Sq.m	0.46	1.2	0.3	1.53	4.00	ANSI-IES RP-8-18 Roadway	N.A.	R3	0.07
Road_1_Veil_Lum	Veiling Luminance	Cd/Sq.m	0.00	0.0	0.0	N.A.	N.A.	ANSI-IES RP-8-18 Roadway	0.00	R3	0.07
Road_2_Illum	Illuminance	Fc	1.16	1.6	0.8	1.45	2.00	ANSI-IES RP-8-18 Roadway	N.A.	N.A.	N.A.
Road_2_Luminance	Luminance	Cd/Sq.m	0.90	1.8	0.5	1.80	3.60	ANSI-IES RP-8-18 Roadway	N.A.	R3	0.07
Road_2_Veil_Lum	Veiling Luminance	Cd/Sq.m	0.00	0.0	0.0	N.A.	N.A.	ANSI-IES RP-8-18 Roadway	0.00	R3	0.07
Road_3_Illum	Illuminance	Fc	0.81	1.2	0.3	2.70	4.00	ANSI-IES RP-8-18 Roadway	N.A.	N.A.	N.A.
Road_3_Luminance	Luminance	Cd/Sq.m	0.66	1.4	0.4	1.65	3.50	ANSI-IES RP-8-18 Roadway	N.A.	R3	0.07
Road_3_Veil_Lum	Veiling Luminance	Cd/Sq.m	0.00	0.0	0.0	N.A.	N.A.	ANSI-IES RP-8-18 Roadway	0.00	R3	0.07
SIDEWALK 1	Illuminance	Fc	0.58	1.6	0.1	5.80	16.00	N.A.	N.A.	N.A.	N.A.
SIDEWALK 2	Illuminance	Fc	0.85	1.4	0.6	1.42	2.33	N.A.	N.A.	N.A.	N.A.
SIDEWALK 3	Illuminance	Fc	0.42	0.9	0.2	2.10	4.50	N.A.	N.A.	N.A.	N.A.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height	Arm
	9	A	Single	ATB0 P201 R3 4K	0.900	5553	36	324	25	8

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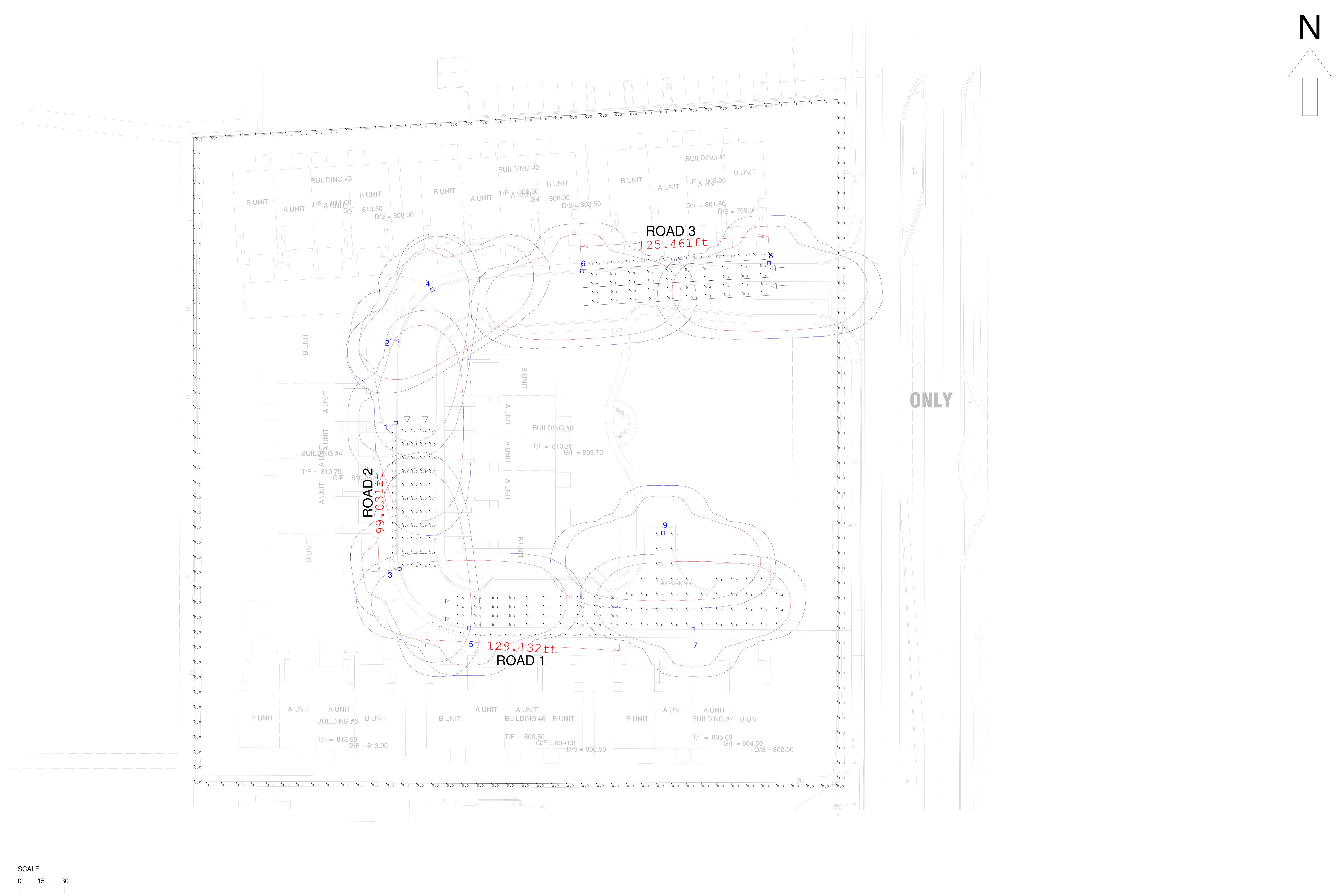
Checked By:
Date:8/22/2024
Scale: As Shown
Filename: 215437-3 A1.AGI

P2405-03 / CENTRAL ROSELLE ROAD
PUD / South Roselle Road
North of Hartford Drive8



Scale: 1 inch= 30 Ft.

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