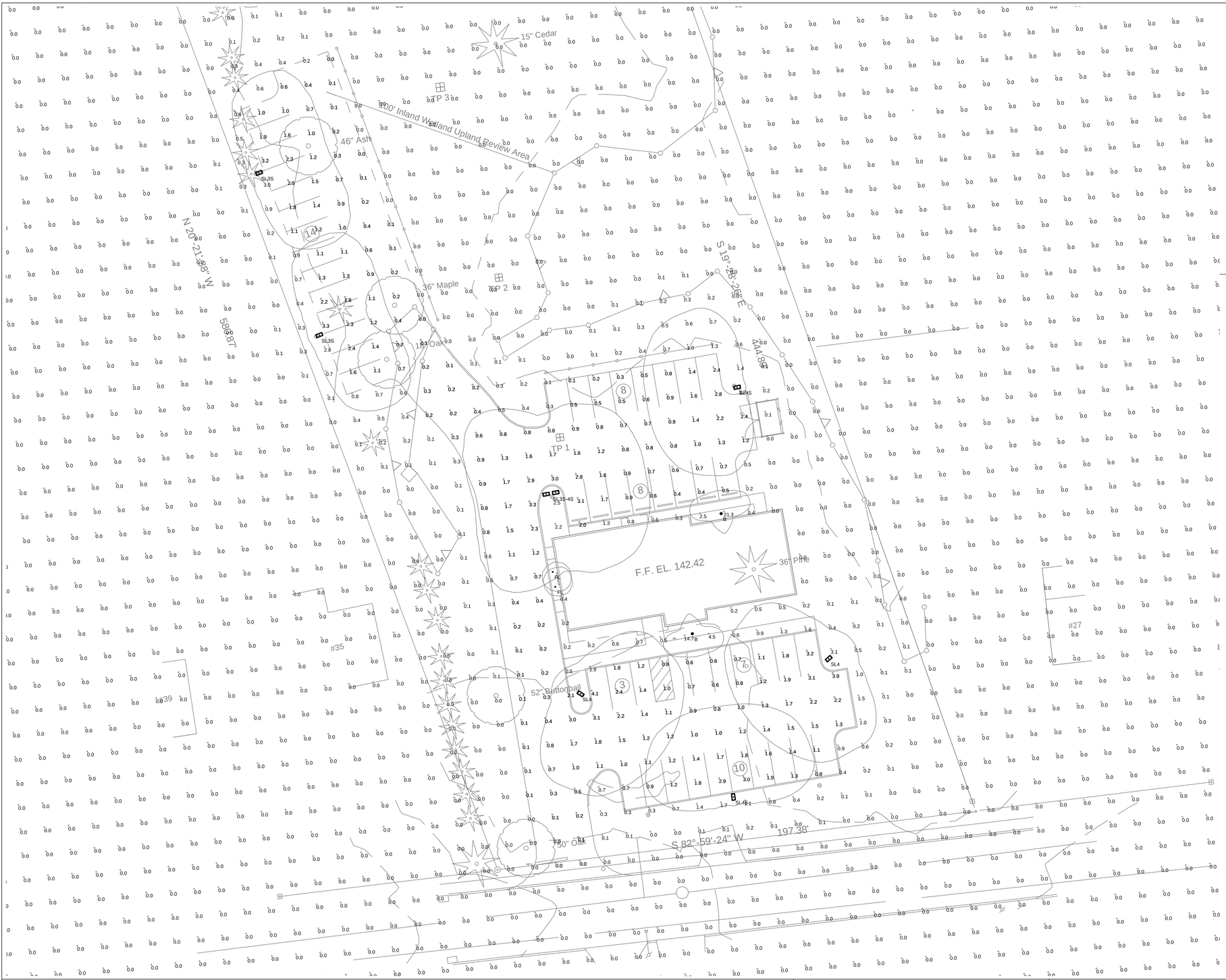

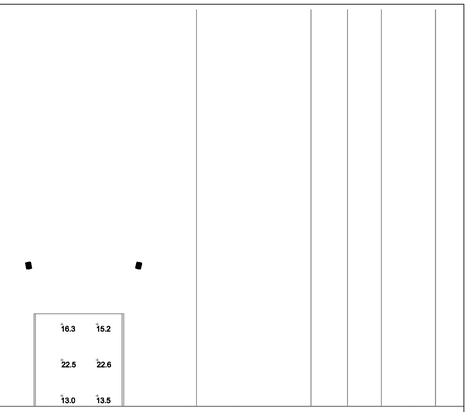

SCULPTURE
SCALE : 1/4"=1'-0"

JOB NAME: CONGREGATION BETH EL - 33 KENYON ROAD - WATERFORD, CT
APEX LIGHTING SOLUTIONS
WORKPLANE/CALC PLANE: AT FINISH GRADE
MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
APPS: DM
SALES: SP
SPECIFIER: SUMMER HILL ENGINEERS

Luminaire Schedule

Qty	Label	Arrangement	Lumens	Input Watts	LLF	BUG Rating	Description
2	B	Single	1608	17.7	0.900	B0-U0-G0	GARDCO PBL-36-14L-350-WW-G2-3-UNV-FINISH
2	FL	Single	2074	28.07	0.629	B2-U0-G0	HEVOLITE C03173 HL-932-XX-L35-30-FL-VOLT / HL716 24IN 90 STEM EXTENSION / WALL MOUNTED @ 8FT AFG TO BOF / TILTED 14°
2	SL3S	Single	4292	40	0.900	B1-U0-G2	GARDCO ECF-S-32L-365-WW-G2-AR-3-VOLT-FINISH-HIS-32-H-EHS / MOUNTED TO 101-4011-14-D1-FINISH / EXTERNAL HIS NOT SHOWN IN CALC
1	SL3S-4S	GROUP	N.A.	N.A.	0.900	N.A.	GARDCO ECF-S-32L-365-WW-G2-AR-3/4-VOLT-FINISH-HIS-32-H / MOUNTED TO 101-4011-14-D2@180-FINISH
2	SL4	Single	5637	40	0.900	B1-U0-G2	GARDCO ECF-S-32L-365-WW-G2-AR-4-VOLT-FINISH / MOUNTED TO 101-4011-14-D1-FINISH
2	SL4S	Single	4421	40	0.900	B1-U0-G2	GARDCO ECF-S-32L-365-WW-G2-AR-4-VOLT-FINISH-HIS-32-H / MOUNTED TO 101-4011-14-D1-FINISH

Calculation Summary

Label	Grid Height	Avg	Max	Min	Avg/Min	Max/Min
PARKING AND DRIVE LANES	0	1.11	4.1	0.0	N.A.	N.A.
SCULPTURE_Side_4	0 to 5.16	17.18	22.6	13.0	1.32	1.74
SITE	0	0.09	21.3	0.0	N.A.	N.A.

GENERAL DISCLAIMER:

Calculations have been performed according to IES standards and good practice Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

* LLF Determined Using Current Published Lamp Data

NOTE TO REVIEWER:

Total Light Loss Factor (LLF) applied at time of design is determined by applying the Lamp Lumen Depreciation (LLD) from current lamp manufacturer's catalog, a Luminaire Dirt Depreciation Factor (LDD) based on IES recommended values and a Ballast Factor (BF) from current ballast specification sheets. Application of an incorrect Light Loss Factor (LLF) will result in forecasts of performance that will not accurately depict actual results.

For proper comparison of photometric layouts, it is essential that you insist all designers use correct Light Loss Factors.

APEX
LIGHTING SOLUTIONS
20-30 BEAVER ROAD, WETHERSFIELD, CT 06109
TELEPHONE 860.632.8766 / WWW.APEXLTG.COM

PROJECT TITLE:

CONGREGATION BETH EL
33 KENYON ROAD
WATERFORD, CT

DRAWING TITLE:

SITE LIGHTING
PHOTOMETRIC CALCULATION

SCALE : 1"=20'-0"

DATE: 11/4/25

DRAWN BY: DM

SHEET:

SL-1C

FILE NAME: 2025-11-04 SL-1C CONGREGATION BETH EL - 33 KENYON ROAD - WATERFORD, CT - DM.DWG