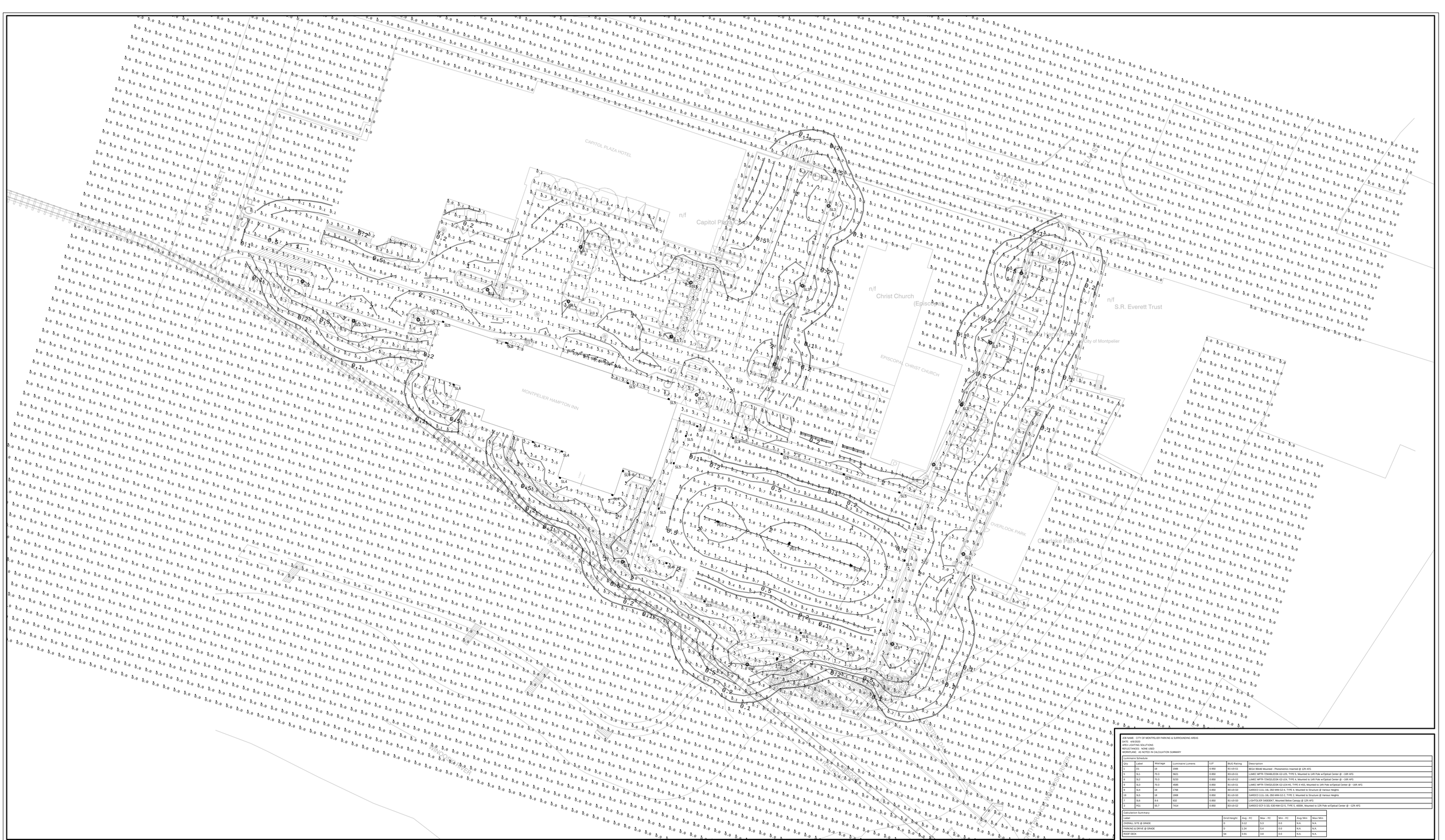

JOB NAME : CITY OF MONTPELIER PARKING & SURROUNDING AREAS
DATE : 4/6/2020
APEX LIGHTING SOLUTIONS
REFLECTANCES : NONE USED
WORKPLANE : AS NOTED IN CALCULATION SUMMARY

Luminaire Schedule

Qty	Label	Wattage	Luminaire Lumens	LLF	BUG Rating	Description
1	DS	18	1996	0.950	B1-U0-G1	BEGA 99446 Mounted - Photometrics Inserted @ 12ft AFG
5	SL1	70.3	5631	0.850	B3-U0-G1	LUMEC MPTR-72W4LED3K-G2-LE5, TYPE 5, Mounted to 14ft Pole w/Optical Center @ ~16ft AFG
5	SL2	70.3	5233	0.850	B1-U0-G2	LUMEC MPTR-72W3LED3K-G2-LE4, TYPE 4, Mounted to 14ft Pole w/Optical Center @ ~16ft AFG
9	SL3	70.3	4585	0.850	B1-U0-G1	LUMEC MPTR-72W3LED3K-G2-LE4-HS, TYPE 4 HSS, Mounted to 14ft Pole w/Optical Center @ ~16ft AFG
5	SL4	54	1798	0.850	B0-U0-G0	GARDCO 111-16L-350-WW-G2-4, TYPE 4, Mounted to Structure @ Various Heights
24	SL5	18	1908	0.850	B1-U0-G0	GARDCO 111-16L-350-WW-G2-2, TYPE 2, Mounted to Structure @ Various Heights
7	SL6	9.6	932	0.850	B1-U0-G0	LIGHTOLIER 5493KK7, Mounted Below Canopy @ 12ft AFG
5	PG1	55.7	7414	0.850	B3-U0-G2	GARDCO ECT-S-32L-530-WW-G2-5, TYPE 5, 4000K, Mounted to 12ft Pole w/Optical Center @ ~12ft AFG

Calculation Summary

Label	Grid Height	Avg. / FC	Max. / FC	Min. / FC	Avg/Min	Max/Min
OVERALL SITE @ GRADE	0	0.12	5.3	0.0	N.A.	N.A.
PARKING & DRIVE @ GRADE	0	1.24	5.4	0.0	N.A.	N.A.
ROOF DECK	54	0.91	3.8	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
THE POINT WHERE ALL ASCENDING LINES CONVERGE

CONNECTICUT
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PROJECT TITLE:

MONTPELIER PARKING & SURROUNDING AREAS

DRAWING TITLE:

SITE LIGHTING POINT CALCULATION

SCALE : 1"=-30'-0"

DATE: 4/8/2020

DRAWN BY: DC

SHEET:

SL-1A