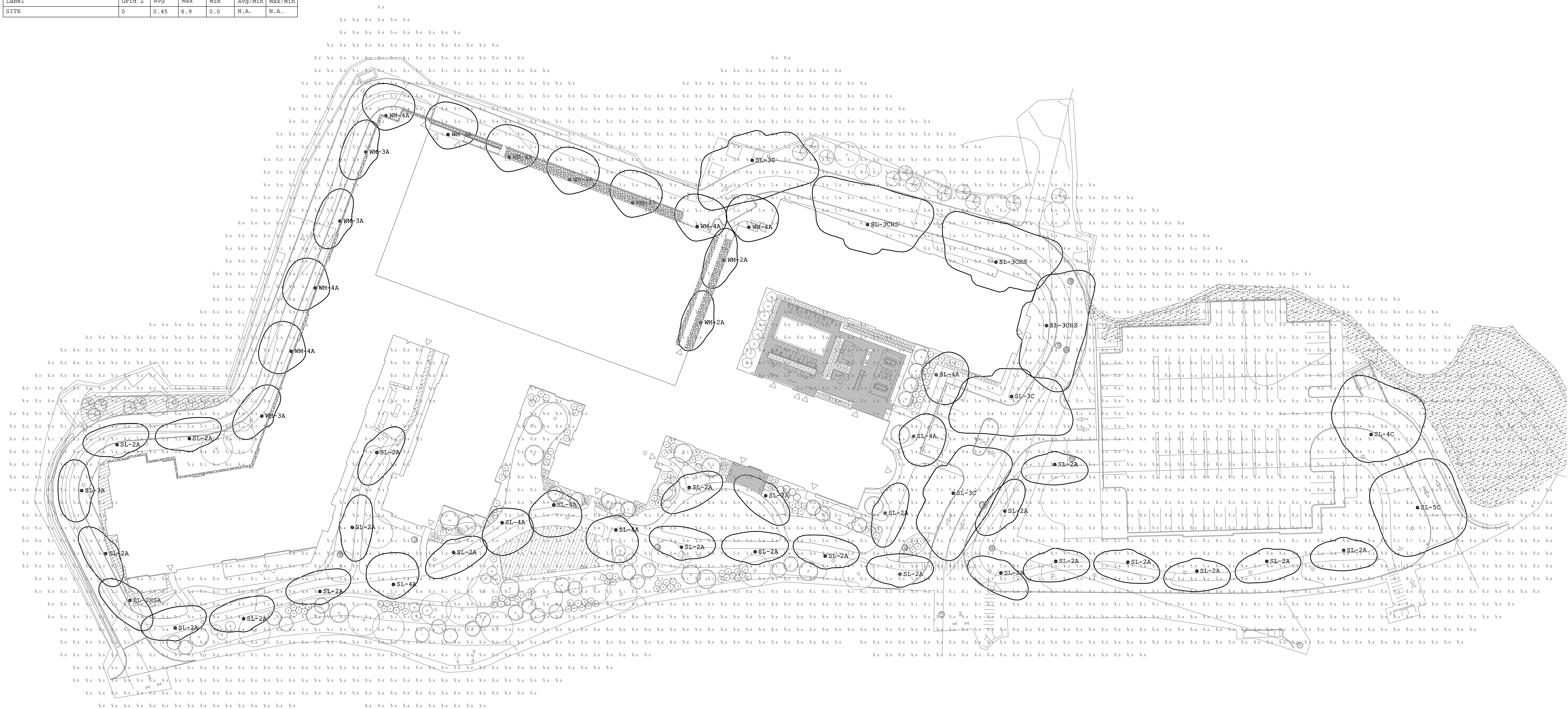


JOB NAME: VILLAGE AT GRAFTON WOODS
 APEX LIGHTING SOLUTIONS
 REFLECTANCES: N/A
 WORKPLANE/CALC PLANE: @ GRADE
 MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
 APPS: CTR
 SALES: SP

Qty	Label	Arrangement	Lumens	Input Watts	LLF	BUG Rating	Description
24	SL-2A	SINGLE	2746	26.4	0.850	B1-U0-G1	STERNBERG 1A-1521LED-12L30T2-MDL008-SV1-EZ / TW1 / 16 / PV / S / A3 / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG
1	SL-2HSA	SINGLE	2746	26.4	0.850	B1-U0-G1	STERNBERG 1A-1521LED-12L30T3-MDL008-SV1-EZ-HSS / TW1 / 16 / PV / S / A3 / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG
1	SL-3A	SINGLE	2935	26.4	0.799	B1-U0-G1	STERNBERG 1A-1521LED-12L30T3-MDL008-SV1-EZ / TW1 / 16 / PV / S / A3 / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG
3	SL-3C	SINGLE	10898	87.8	0.799	B2-U0-G2	STERNBERG 1527LED-24L30T3-MDL014-FG-EZ / TW1 / 18 / PV / S / A4 / STD W/ OPTICAL CENTER @ APPROX. 16FT AFG
3	SL-3CHS	SINGLE	10898	87.8	0.799	B2-U0-G2	STERNBERG 1527LED-24L30T3-MDL014-FG-EZ-HSS / TW1 / 18 / PV / S / A4 / STD W/ OPTICAL CENTER @ APPROX. 16FT AFG
6	SL-4A	SINGLE	2651	26.4	0.799	B1-U0-G1	STERNBERG 1A-1521LED-12L30T4-MDL008-SV1-EZ / TW1 / 16 / PV / S / A3 / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG
1	SL-4C	SINGLE	10515	88.1	0.799	B2-U0-G2	STERNBERG 1527LED-24L30T4-MDL014-FG-EZ / TW1 / 18 / PV / S / A4 / STD W/ OPTICAL CENTER @ APPROX. 16FT AFG
1	SL-5C	SINGLE	11447	87.9	0.799	B3-U0-G2	STERNBERG 1527LED-24L30T5-MDL014-FG-EZ / TW1 / 18 / PV / S / A4 / STD W/ OPTICAL CENTER @ APPROX. 16FT AFG
2	WM-2A	SINGLE	2746	26.4	0.850	B1-U0-G1	STERNBERG 1W-1521LED-12L30T3-MDL008-SV1-EZ-HSS / OBSWB / STD W/ OPTICAL CENTER @ APPROX. 12FT AFG
3	WM-3A	SINGLE	2935	26.4	0.799	B1-U0-G1	STERNBERG 1W-1521LED-12L30T3-MDL008-SV1-EZ-HSS / OBSWB / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG
9	WM-4A	SINGLE	2651	26.4	0.799	B1-U0-G1	STERNBERG 1W-1521LED-12L30T4-MDL008-SV1-EZ-HSS / OBSWB / STD W/ OPTICAL CENTER @ APPROX. 14FT AFG

Label	Grid Z	Avg	Max	Min	Avg/Min	Max/Min
SITE	0	0.45	6.9	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 variations, measurement techniques and field conditions such as component performance 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 assumed Light Loss Factor (LLF) will result in forecasts of performance that will not accurately depict actual results.
 For precise comparisons of photometric layouts, it is essential that you insist all designs use correct Light Loss Factors.

REV	X	XX-XX-05	XXXXX



PROJECT TITLE:
**VILLAGE AT GRAFTON WOODS
 GRAFTON, MA**

DRAWING TITLE:
**EXTERIOR LIGHTING
 PHOTOMETRIC CALCULATION**

SCALE: 1"=30'-0"
 DATE: 5/12/21
 DRAWN BY: CTR
 SHEET:
SL-1F