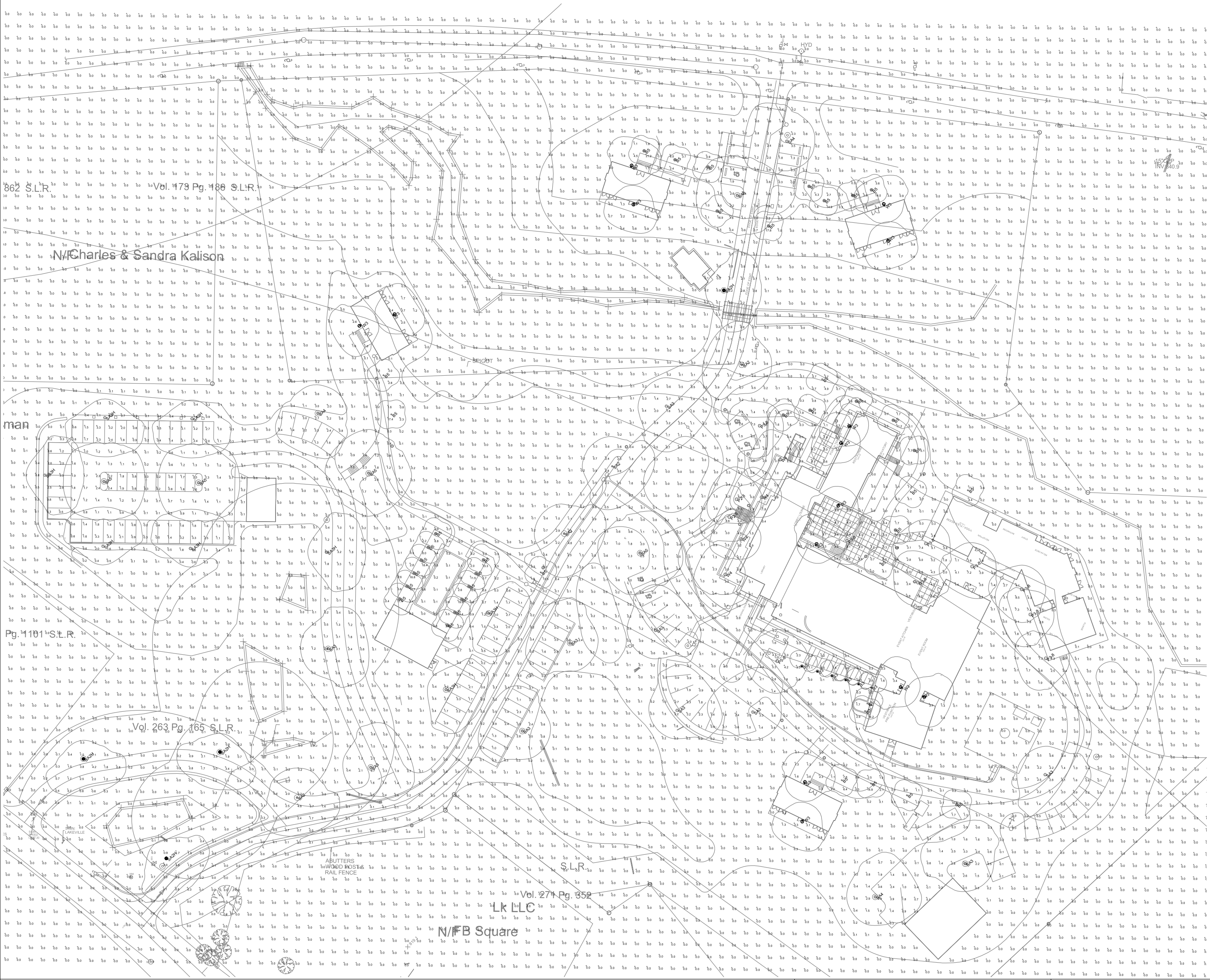

JOB NAME: WAKE ROBIN INN - 104-106 SHARON RD - SALISBURY, CT
APEX LIGHTING SOLUTIONS
WORKPLANE/CALC PLANE: AT FINISH GRADE
MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
APPS: LED/PD
SALES: SP
SPECIFIER: SLR CONSULTING

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lum. Lumens	Lum. Watts	LLF	Description	[MANUFAC]	Filename
	6	B3	Single	1083	14.12	0.765	IBL-X-2Q90-27-XX-UNV-FINISH-UNV	SELUX Corporation	IBL-X-2Q90-30-XX-UNV.ies
	40	B5	Single	2101	27.19	0.765	IBL-2-4QS-27-FINISH-UNV	SELUX Corporation	IBL-X-4QS-30-XX-UNV.ies
	2	P2-8	Single	4416	39	0.850	SAC2L-R2-X-5G450-27-14-FINISH-VOLT / A35-8-FINISH-BC5	SELUX Corporation	SAC2L-R2-X-5G450-30-XX-XX-UNV.ies
	8	P3-8	Single	4414	39	0.850	SAC2L-R3-X-5G450-27-14-FINISH-VOLT / A35-8-FINISH-BC5	SELUX Corporation	SAC2L-R3-X-5G450-30-XX-XX-UNV.ies
	1	P5-8	Single	4517	39	0.850	SAC2L-R5S-X-5G450-27-14-FINISH-VOLT / A35-8-FINISH-BC5	SELUX Corporation	SAC2L-R5S-X-5G450-30-XX-XX-UNV.ies
	4	SA2	Single	4416	39	0.850	SAC2L-R2-1-5G450-27-14-FINISH-VOLT / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R2-X-5G450-30-XX-XX-UNV.ies
	4	SA2H	Single	3399	39	0.850	SAC2L-R2-1-5G450-27-14-FINISH-VOLT-HS / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R2-X-5G450-30-XX-XX-UNV-HS.ies
	10	SA3	Single	4414	39	0.850	SAC2L-R3-1-5G450-27-14-FINISH-VOLT / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R3-X-5G450-30-XX-XX-UNV.ies
	8	SA3H	Single	3500	39	0.850	SAC2L-R3-1-5G450-27-14-FINISH-VOLT-HS / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R3-X-5G450-30-XX-XX-UNV-HS.ies
	3	SA4	Single	4423	39	0.850	SAC2L-R4-1-5G450-27-14-FINISH-VOLT / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R4-X-5G450-30-XX-XX-UNV.ies
	5	SA5	Single	4517	39	0.850	SAC2L-R5S-1-5G450-27-14-FINISH-VOLT / A35-12-FINISH-BC5	SELUX Corporation	SAC2L-R5S-X-5G450-30-XX-XX-UNV.ies
	14	W3	Single	4414	20	0.425	SAC2L-R3-W-5G450-27-XX-FINISH-VOLT / Wall Mounted 8ft / Dimmed to 50%	SELUX Corporation	SAC2L-R3-X-5G450-30-XX-XX-UNV.ies
	4	W4	Single	4423	20	0.425	SAC2L-R4-X-5G450-27-XX-FINISH-VOLT / Wall Mounted 8ft / Dimmed to 50%	SELUX Corporation	SAC2L-R4-X-5G450-30-XX-XX-UNV.ies

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
Site	Illuminance	Fc	0.33	21.2	0.0	N.A.	N.A.	10ft Grid
Event Barn Parking Lot	Illuminance	Fc	1.29	3.3	0.1	12.90	33.00	10ft Grid

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:

WAKE ROBIN INN
104-106 SHARON RD
SALISBURY, CT

DRAWING TITLE:

SITE LIGHTING
PHOTOMETRIC CALCULATION

SCALE : 1"=40'-0"

DATE: 4/25/25

DRAWN BY: LED/PD

SHEET:

SL-1F

FILE NAME: 2025-04-25 SL-1F WAKE ROBIN INN - 104-106 SHARON RD - SALISBURY, CT.dwg