

ELECTRICAL SITE LIGHTING PLAN

SCALE: 1"=20'-0"

A
ES1.1

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAY CANOPY	Illuminance	Fc	15.00	24.2	5.2	2.88	4.65
VACUUM CANOPY 1	Illuminance	Fc	16.79	25.3	9.3	1.81	2.72
VACUUM CANOPY 2	Illuminance	Fc	16.35	21.5	8.7	1.88	2.47
PAVED AREA	Illuminance	Fc	5.49	15.7	1.0	5.49	15.70

Luminaire Schedule										
Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts	
—	26	F11	SINGLE	VT3204HUNV80 (FIXTURE SUPPLIED BY HERMITAGE)	1000	1000	1000	6778	51.95	
—	6	SF	SINGLE	MRS-LED-10L-SIL-FT-50-10CRI-SINGLE-16" POLE+2" BASE	1000	1000	1000	16890	135	
—	2	SF2a	2 @ 90 DEGREES	MRS-LED-10L-SIL-FT-50-10CRI-D30-16" POLE+2" BASE	1000	1000	1000	33780	270	
—	1	SF2c	D180°	MRS-LED-10L-SIL-FT-50-10CRI-D180-16" POLE+2" BASE	1000	1000	1000	33780	270	

NOTE: STANDARD 120-277V UNLESS OTHERWISE SPECIFIED



Client/Project
QUICK QUACK CARWASH #26-077
 1590 VINEYARD ROAD
 ROSEVILLE, CA 95678

Title
ELECTRICAL SITE LIGHTING PLAN



Project Number: 2007130206
 File Name:

Dim. Chkd. Degr. YY.MM.DD
 Drawing No.

Revision Sheet
ES1.1 of

Stantec
 Architecture Inc.
 3133 West Frye Road, Suite 300
 Chandler, AZ 85226-5110
 TEL: 480.687.4100
 WWW.STANTEC.COM

Revision	By	Appd.	YY.MM.DD	ISSUED
B - PLANNING 2nd COMMENTS			2022-12-19	
A - PLANNING COMMENTS			2022-10-29	
CIP PLANNING SUBMITTAL			2022-07-05	

Revision	By	Appd.	Y1.MM.DD	Issued
2022-07-15			2022-07-15	Y1.MM.DD
2022-10-28			2022-10-28	Y1.MM.DD
2022-12-19			2022-12-19	Y1.MM.DD
CUP PLANNING SUBMITTAL				ISSUED



Client/Project
QUICK QUACK CARWASH #26-077
1590 VINEYARD ROAD
ROSEVILLE, CA 95678

Title
BUILDING EXTERIOR LIGHTING PLAN

Permit-Seal



Date Signed: 12/13/2022

Project Number: 2007130206

File Name:

Dwn. Chkd. Dsgn. YY.MM.DD

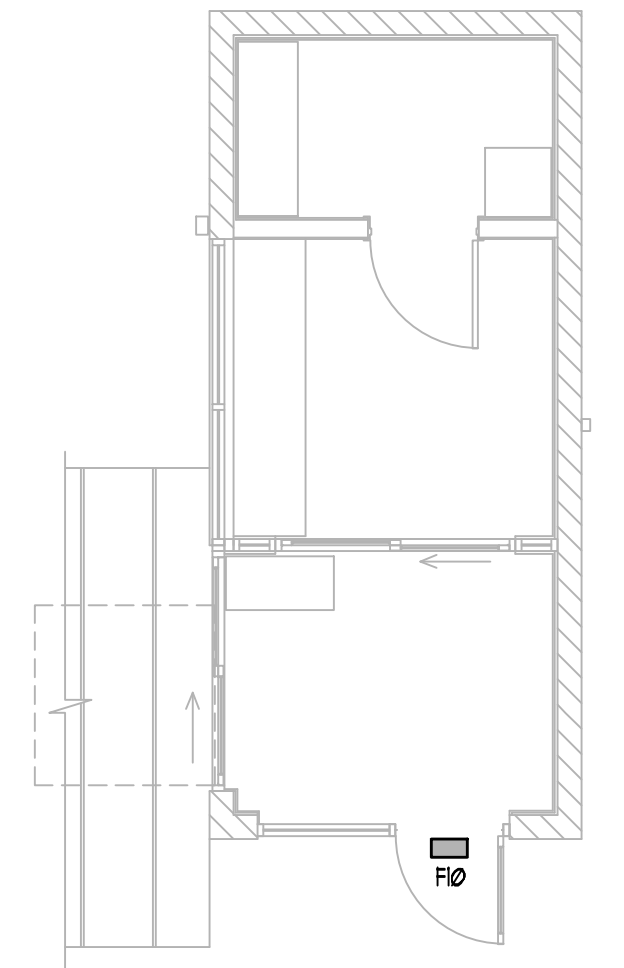
Revision Sheet

ES1.2 of

LIGHTING FIXTURE SCHEDULE

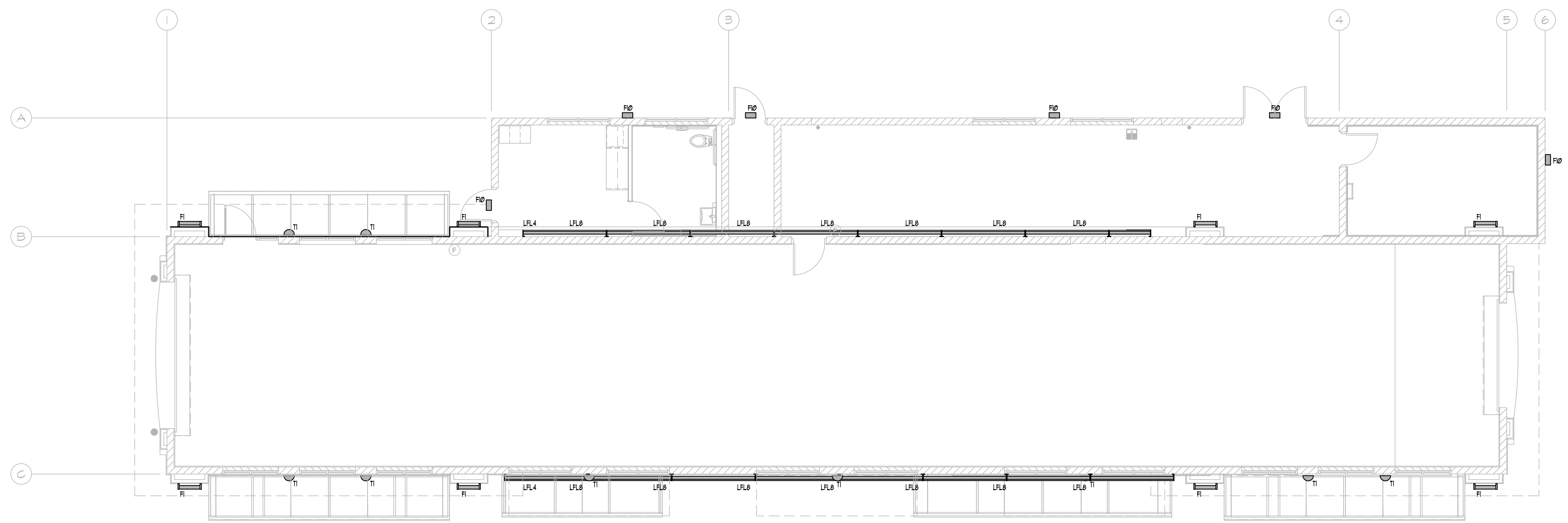
SYMBOL OR TAG LETTER	MANF.	CATALOG NUMBER	LAMP DATA		WATTS	MOUNTING	DESCRIPTION
			NO.	TYPE			
FI	SECURITY LTG	SLED-HE-24-DO-U-P9-9K	LED	LED	10	BRACKET ON WALL	2' LINEAR FLOOD, WALL WASH FLOODLIGHT WITH MOUNTING ARM, BRONZE FINISH, MOUNT AT TOP OF PIER COLUMN AIMED DOWN, BRONZE FINISH.
FI0	CREE	XSPW-B-UM-3PE-2L-51K-UL-VXX	LED	LED	19	WALL	WALL PACK, 8' MTG HT, BZ- BRONZE, 120-277V
FI1	CREE	V130044UNV95K	LED	LED	43	SURFACE	4' WET LOCATION LINEAR W/ STAINLESS LATCHES, PAY CANOPY, VACUUM CANOPY, 6100 LUMEN
LFL4	SECURITY LTG	SLED-HE-48-DO-U-P9-9K	LED	LED	17	SURFACE	4' LINEAR FACADE LIGHT, DOWNLIGHT ONLY, SILVER FINISH, REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
LFL8	SECURITY LTG	SLED-HE-96-DO-U-P9-9K	LED	LED	34	SURFACE	8' LINEAR FACADE LIGHT, DOWNLIGHT ONLY, SILVER FINISH, REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
SF	L&L	MRS-LED-18L-6IL-FI-50-10CRI-SINGLE-16 POLE, 24" BASE	LED	LED	135	POLE	SINGLE POLE LIGHT FIXTURE, DIRECT ARM MOUNT, BRONZE FINISH
SF2a	L&L	MRS-LED-18L-6IL-FI-50-10CRI-D30-16 POLE, 24" BASE	LED	LED	210	POLE	(2) HEAD POLE LIGHT FIXTURE, DIRECT ARM MOUNT, BRONZE FINISH
SF2c	L&L	MRS-LED-18L-6IL-FI-50-10CRI-D100-16 POLE, 24" BASE	LED	LED	210	POLE	(2) HEAD POLE LIGHT FIXTURE, DIRECT ARM MOUNT, BRONZE FINISH
TI	L&L	X18-LED-2L-FTH-UNV-D1M-50-80CRI-HSV	LED	LED	5	WALL	RADIAL SCENCE, DOWNLIGHT ONLY, (WINDOW CANOPY/TRELLIS) 120-277V.

ALL EXTERIOR LIGHT FIXTURES TO HAVE A BRONZE FINISH



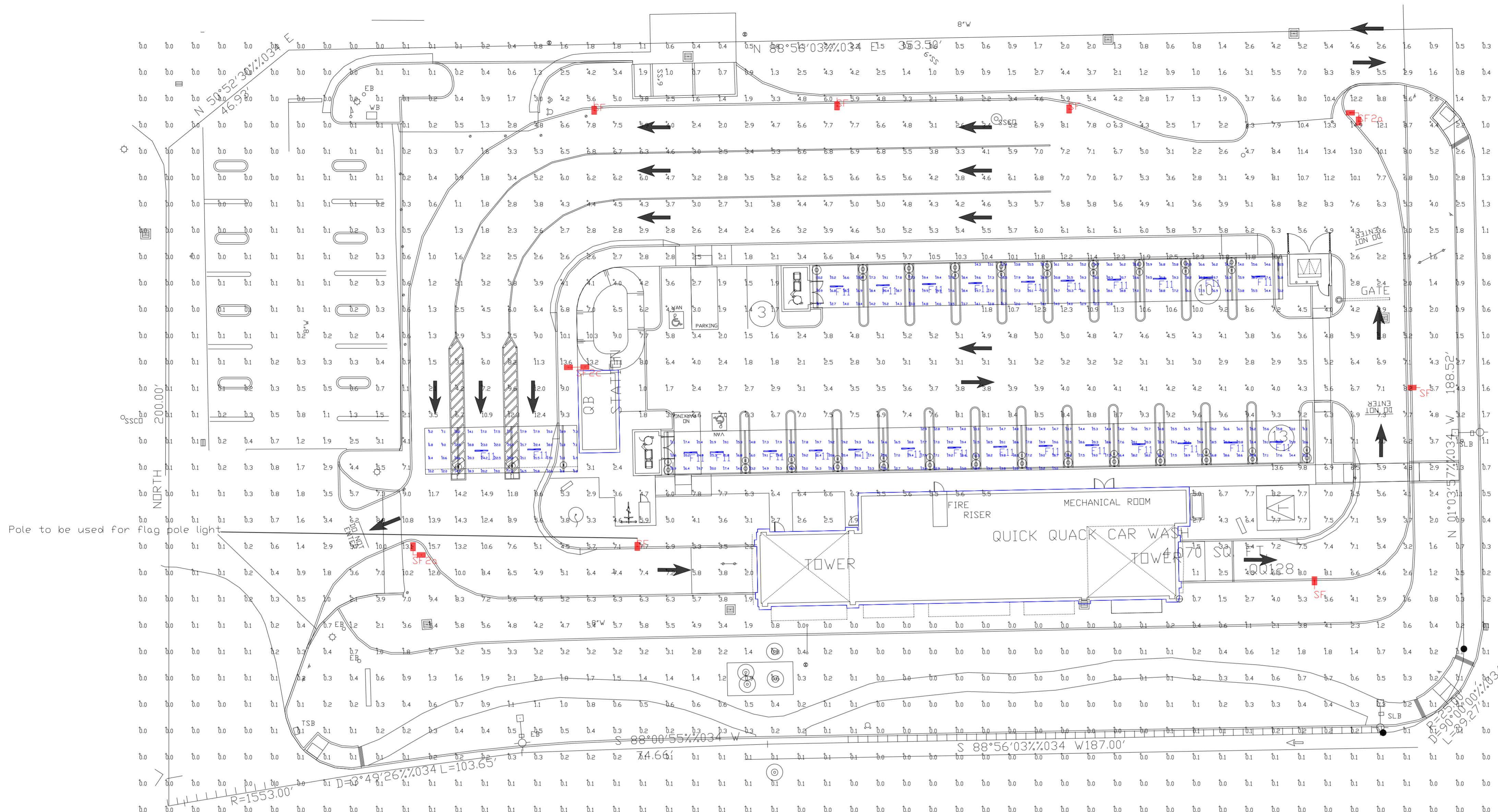
QUARTERBACK STATION EXTERIOR LIGHTING PLAN
SCALE: 3/16"=1'-0"

B
ES1.2



BUILDING EXTERIOR LIGHTING PLAN
SCALE: 3/16"=1'-0"

A
ES1.2



Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAY CANOPY	Illuminance	Fc	15.00	24.2	5.2	2.88	4.65
VACUUM CANOPY 1	Illuminance	Fc	16.79	25.3	9.3	1.81	2.72
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NOTE: STANDARD 120-277V UNLESS OTHERWISE SPECIFIED

PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LEDs and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts
	26	F11	SINGLE	VT3204HUNV50 (FIXTURE SUPPLIED BY HERMITAGE)	1.000	1.000	1.000	6778	51.95
	6	SF	SINGLE	MRS-LED-18L-SIL-FT-50-70CRI-SINGLE-16' POLE+2' BASE	1.000	1.000	1.000	16890	135
	2	SF2a	2 @ 90 DEGREES	MRS-LED-18L-SIL-FT-50-70CRI-D90-16' POLE+2' BASE	1.000	1.000	1.000	33780	270
	1	SF2c	D180°	MRS-LED-18L-SIL-FT-50-70CRI-D180-16' POLE+2' BASE	1.000	1.000	1.000	33780	270

Total Project Watts
Total Watts = 2970.7



LIGHTING PROPOSAL LD-156167-5

QUICK QUACK #26-077
1590 VINEYARD ROAD
ROSEVILLE, CA

BY: SAM DATE: 6/28/22 REV: 12/12/22 SHEET 1 OF 1

SCALE: 1"=16'