

Appendix B

Lighting Plan and Photometric Analysis

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	21	CPY-C	SINGLE	1.000	3831	29.1	CPY250-B-DM-F-C-UL-WH-30K-HZ-PML(5.8V)
	2	LFL4	SINGLE	1.000	N.A.	35	LFL-A-4-DO-UL-SV-30K-SA
	18	LFL8	LFL 8FT	1.000	N.A.	70	LFL-A-8-DO-UL-SV-30K-SA
	20	P1b	SINGLE	1.000	3050	31	RSWS-A-HT-3ME-3L-30K8-UL-GY-N w/BLS
	3	P2(180)	2 @ 180°	1.000	3300	31	RSWS-A-HT-3ME-3L-30K8-UL-GY-N
	3	P2(90)	2 @ 90	1.000	3300	31	RSWS-A-HT-3ME-3L-30K8-UL-GY-N
	7	XSPW-3ME	SINGLE	1.000	2490	20	XSPW-B-WM-3ME-2L-30K-UL-BZ
	5	XSPW-4ME	SINGLE	1.000	2490	20	XSPW-B-WM-4ME-2L-30K-UL-BZ
	21	VW-4	SINGLE	1.000	3160	23	VW-4-LED-23-DMV-RF-30K-SL

← CPY FLAT C Multiplier
(0.94 for wattage & 0.91 for Lumens)
applied in design for PML option

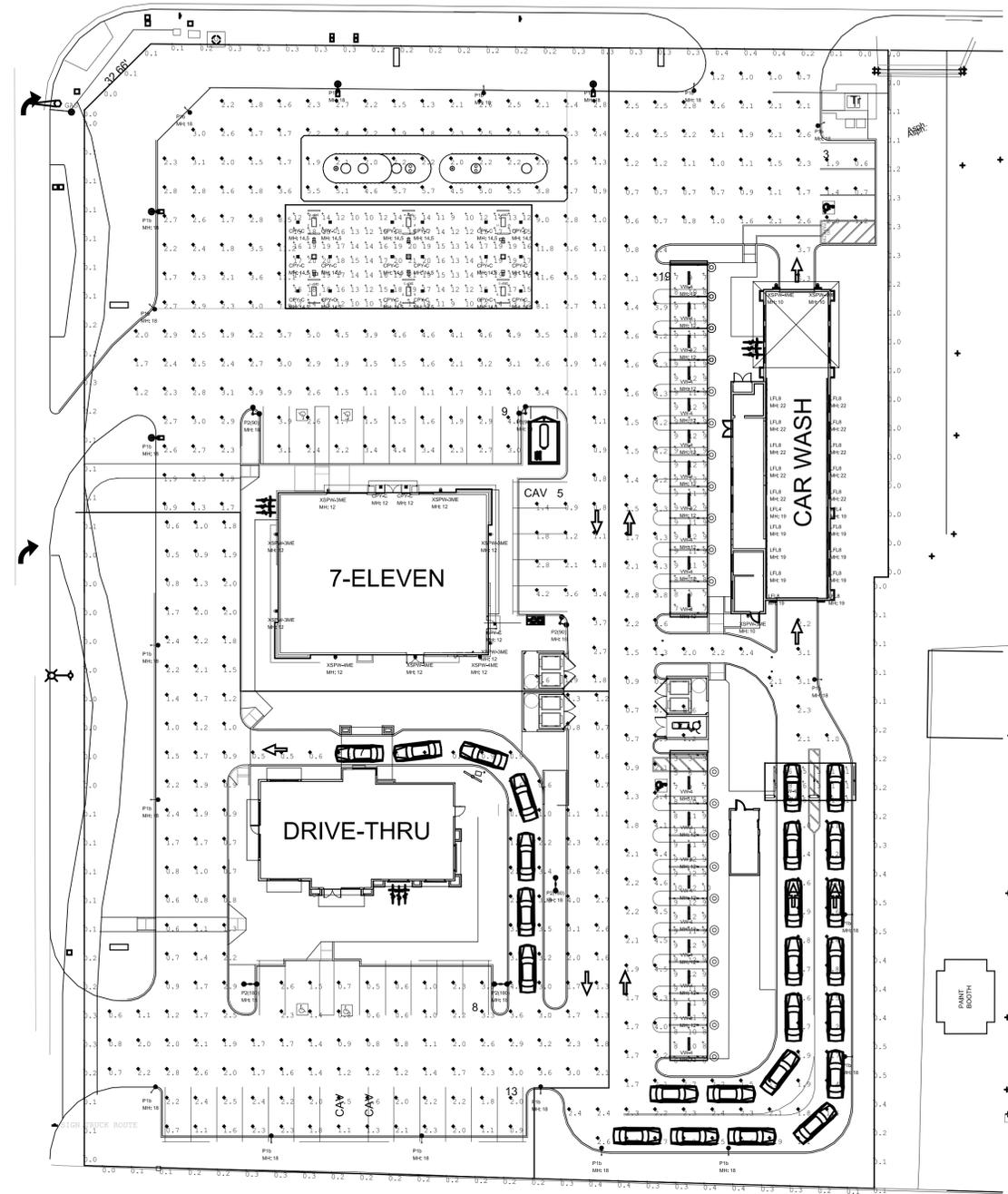
ADDITIONAL EQUIPMENT REQUIRED:
 (26) CL-SSP-4011-16-OT-SV (16' x 4" SQUARE POLE, TENON MOUNT)
 (20) PD-1H4SV SINGLE HORIZONTAL TENON
 (3) PD-2H4(90)SV TWIN 90° TENON
 (3) PD-2H4(180)SV TWIN 180° TENON
 (20) RSW-BLSS BACKLIGHT SHIELD ACCESSORY
 (1) XA-SENSREM PML REMOTE
 PROPOSED POLES MEET 120MPH SUSTAINED WIND LOAD

***CUSTOMER TO VERIFY MOUNTING, VOLTAGE, AND COLOR
 PRIOR TO PLACING ORDER
 FIXTURE MOUNTING HEIGHTS AS SHOWN:
 POLES ON 2' BASE

LFL FIXTURES NEED TO BE A SPECIAL CUSTOM UNIT IN 30K

CITY ORDINANCE TO MEET
 NO LUMINAIRE SHALL EXCEED 4040 LUMENS
 0.5FC MAX AT PROPERTY LINE
 FULL CUTOFF FIXTURES

Calculation Summary (Footcandles calculated using predicted lumen values @ 50K hrs of operation)						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
7-11 GAS CANOPY	Fc	15.24	21	9	1.69	2.33
7-11 PAVMENT	Fc	2.81	11.8	0.8	3.51	14.75
PARCEL 3 PAVEMENT	Fc	1.71	4.1	0.5	3.42	8.20
PROPERTY LINE	Fc	0.18	0.5	0.0	N.A.	N.A.
QQ PAVEMENT	Fc	2.10	6.3	0.6	3.50	10.50
QQ PAY CANOPY	Fc	3.56	8	1	3.56	8.00
QQ VACUUM CANOPY 1	Fc	9.44	12	7	1.35	1.71
QQ VACUUM CANOPY 2	Fc	8.92	12	3	2.97	4.00



EXISTING RESIDENTIAL

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	5	P1b	SINGLE	1.000	3050	31	RSWS-A-HT-3ME-3L-30K8-UL-GY-N w/BLS
	10	P4	4 @ 90°	1.000	3300	31	RSWS-A-HT-3ME-3L-30K8-UL-GY-N

Calculation Summary (Footcandles calculated using predicted lumen values @ 50K hrs of operation)						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Pavement	Fc	1.77	4.2	0.5	3.54	8.40
Property Line	Fc	0.20	0.4	0.0	N.A.	N.A.
Surrounding	Fc	0.08	1.3	0.0	N.A.	N.A.

FIXTURE MOUNTING HEIGHT: 25' AFG

ADDITIONAL EQUIPMENT REQUIRED:

(15) CL-SSP-4011-25-OT-SV (25' x 4" SQUARE POLE, TENON MOUNT)

(10) PD-4H4(90)SV QUAD TENON

(5) PD-1H4SV SINGLE HORIZONTAL TENON

(5) RSW-BLSS BACKLIGHT SHIELD

PROPOSED POLES MEET 90MPH SUSTAINED WIND LOADS

***CUSTOMER TO VERIFY MOUNTING, VOLTAGE, AND COLOR PRIOR TO PLACING ORDER

CITY ORDINANCE

3000K CCT

0.5FC MIN IN PAVED AREA

0.5fc AT PROPERTY LINE

