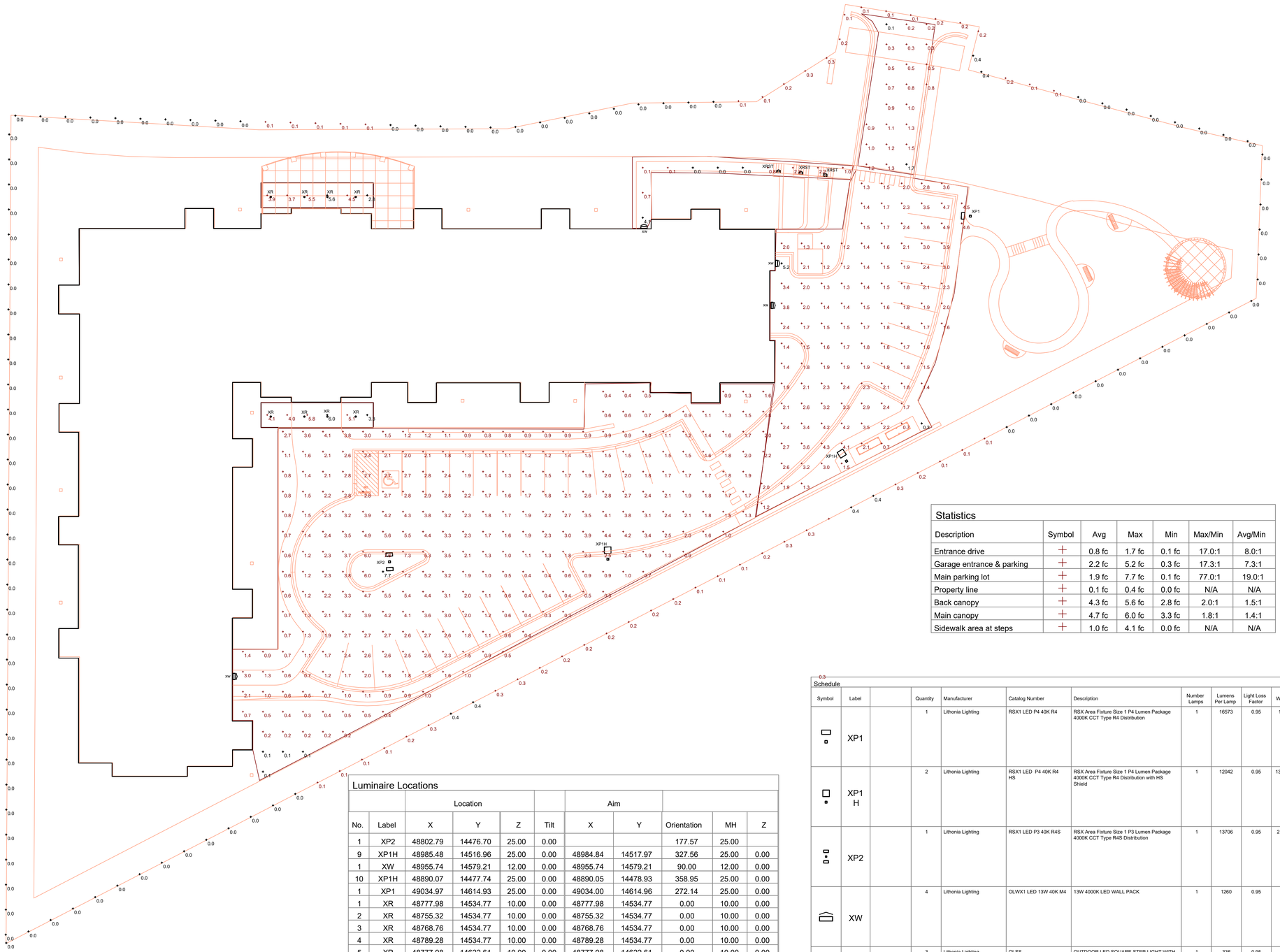
Make SAFETY a part of every plan



Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Entrance drive	+	0.8 fc	1.7 fc	0.1 fc	17.0:1	8.0:1
Garage entrance & parking	+	2.2 fc	5.2 fc	0.3 fc	17.3:1	7.3:1
Main parking lot	+	1.9 fc	7.7 fc	0.1 fc	77.0:1	19.0:1
Property line	+	0.1 fc	0.4 fc	0.0 fc	N/A	N/A
Back canopy	+	4.3 fc	5.6 fc	2.8 fc	2.0:1	1.5:1
Main canopy	+	4.7 fc	6.0 fc	3.3 fc	1.8:1	1.4:1
Sidewalk area at steps	+	1.0 fc	4.1 fc	0.0 fc	N/A	N/A

Luminaire Locations

		Location				Aim				
No.	Label	X	Y	Z	Tilt	X	Y	Orientation	MH	Z
1	XP2	48802.79	14476.70	25.00	0.00			177.57	25.00	
9	XP1H	48985.48	14516.96	25.00	0.00	48984.84	14517.97	327.56	25.00	0.00
1	XW	48955.74	14579.21	12.00	0.00	48955.74	14579.21	90.00	12.00	0.00
10	XP1H	48890.07	14477.74	25.00	0.00	48890.05	14478.93	358.95	25.00	0.00
1	XP1	49034.97	14614.93	25.00	0.00	49034.00	14614.96	272.14	25.00	0.00
1	XR	48777.98	14534.77	10.00	0.00	48777.98	14534.77	0.00	10.00	0.00
2	XR	48755.32	14534.77	10.00	0.00	48755.32	14534.77	0.00	10.00	0.00
3	XR	48768.76	14534.77	10.00	0.00	48768.76	14534.77	0.00	10.00	0.00
4	XR	48789.28	14534.77	10.00	0.00	48789.28	14534.77	0.00	10.00	0.00
5	XR	48777.98	14622.61	10.00	0.00	48777.98	14622.61	0.00	10.00	0.00
6	XR	48755.32	14622.61	10.00	0.00	48755.32	14622.61	0.00	10.00	0.00
7	XR	48768.76	14622.61	10.00	0.00	48768.76	14622.61	0.00	10.00	0.00
8	XR	48789.28	14622.61	10.00	0.00	48789.28	14622.61	0.00	10.00	0.00
1	XRST	48958.25	14632.25	2.00	0.00	48958.26	14632.33	4.71	2.00	0.00
2	XRST	48967.16	14631.63	2.00	0.00	48967.17	14631.71	4.71	2.00	0.00
3	XRST	48976.88	14630.83	2.00	0.00	48976.89	14630.90	4.71	2.00	0.00
2	XW	48904.54	14610.36	10.00	0.00	48904.54	14610.36	0.00	10.00	0.00
3	XW	48957.50	14596.01	10.00	0.00	48957.50	14596.01	91.06	10.00	0.00
4	XW	48740.65	14430.85	12.00	0.00	48740.65	14430.85	90.00	12.00	0.00

Schedule

Symbol	Label		Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
	XP1		1	Lithonia Lighting	RSX1 LED P4 40K R4	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution	1	16573	0.95	133.14	
	XP1H		2	Lithonia Lighting	RSX1 LED P4 40K R4 HS	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution with HS Shield	1	12042	0.95	133.1431	
	XP2		1	Lithonia Lighting	RSX1 LED P3 40K R4S	RSX Area Fixture Size 1 P3 Lumen Package 4000K CCT Type R4S Distribution	1	13706	0.95	218.884	
	XW		4	Lithonia Lighting	OLWX1 LED 13W 40K M4	13W 4000K LED WALL PACK	1	1260	0.95	14	
	XRST		3	Lithonia Lighting	OLSS	OUTDOOR LED SQUARE STEP LIGHT WITH 4000K LEDS AND POLYCARBONATE LENS	1	336	0.95	8.8	
	XR		8	Juno Lighting	JSF 7IN 10LM 30K 90CRI MVOLT ZT WH	7" Round Edgelit (Slimform) Surface Mount, 3000K, 90CRI, MV	1	1081	0.95	12.8	

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I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

DATE: REG. #:

SIGNED:

DRAWN BY: *K. KUEHN*
CHECKED BY: *T. STENNES*
DATE:
JOB NUMBER:
FILE NAME:

REVISIONS

#	DATE	

THE AMERICAN COOPERATIVE
ON LAKE PHALEN
XXX EAST SHORE DRIVE
MAPLEWOOD, MN 55109

SITE PHOTOMETRIC PLAN

SCALE: *1"=20'-0"*

E060