

Make SURE a part of every plan



CITY OF
BLOOMINGTON
MINNESOTA

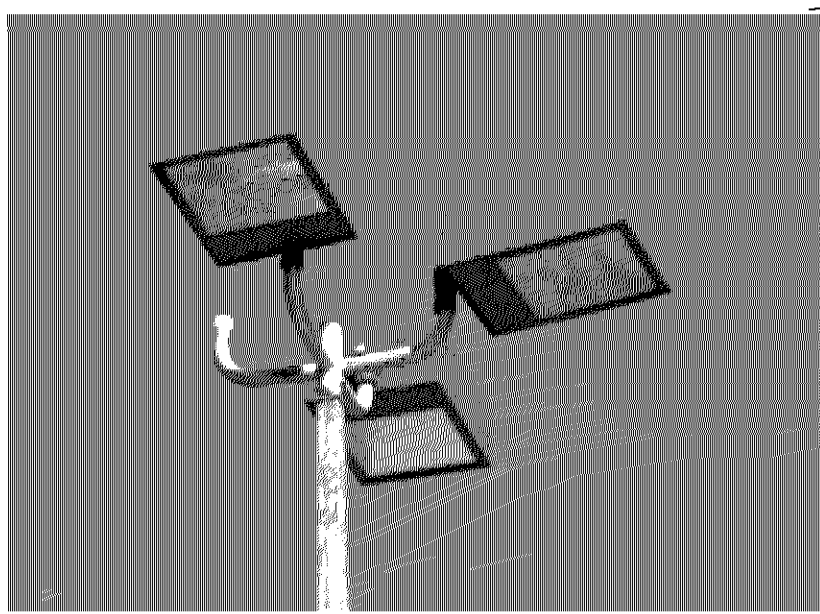
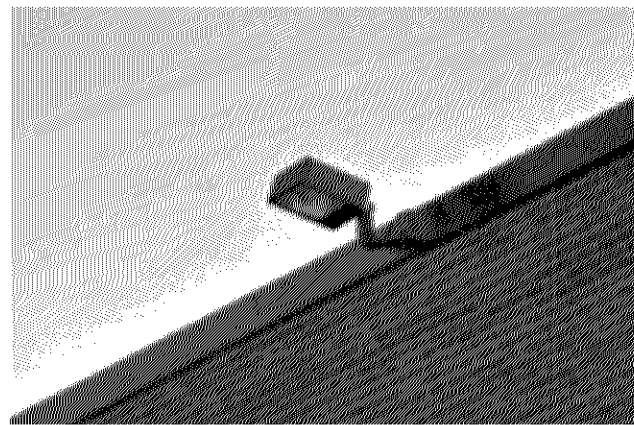
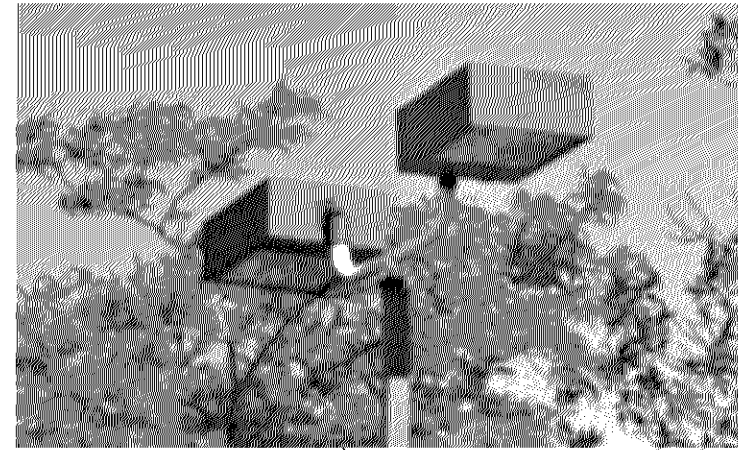
LIGHTING PLAN

APPROVED

No changes in fixture or location
without a revised plan review.

12/15/2022
lpease

- NUMBERED NOTES:
- EXISTING LIGHT TO REMAIN NO WORK REQUIRED.
 - DISCONNECT AND REMOVE EXISTING LIGHT AND INSTALL NEW FIXTURE IN SAME LOCATION AS EXISTING ONE WAS.
 - NEW FIXTURE INSTALL AT SIMILAR HEIGHT AS OTHER ON THIS WALL.
 - EXISTING POLE WITH (2) LIGHT FIXTURES, REMOVE EXISTING LIGHT AND INSTALL NEW.
 - NEW POLE AND LIGHT FIXTURES, PROVIDE NEW CONDUIT AND WIRE TO EXISTING POLE LOCATION.
 - EXISTING POLE WITH (3) LIGHT FIXTURES, REMOVE FIXTURES AND INSTALL ONLY (1) NEW LIGHT FIXTURE.
 - EXISTING POLE WITH 3 LIGHT FIXTURES AND 4 ARM BRACKETS, REMOVE LIGHT FIXTURES AND INSTALL (3) NEW LIGHT FIXTURES ON NEW ARM BRACKET.
 - EXISTING POLE WITH (3) LIGHT FIXTURES, INSTALL 2 FIXTURES AS INDICATED, REPLACE TOP ARMS.
 - EXISTING POLE WITH (1) LIGHT FIXTURE, REMOVE EXISTING FIXTURES AND INSTALL ONLY (1) NEW FIXTURE.
 - EXISTING POLE WITH 3 LIGHT FIXTURES, REMOVE LIGHT FIXTURES AND ARM BRACKET, INSTALL (3) NEW LIGHT FIXTURES ON NEW ARM BRACKET.
 - EXISTING POLE WITH 4 LIGHT FIXTURES, REMOVE LIGHT FIXTURES AND ARM BRACKET, INSTALL (3) NEW LIGHT FIXTURES ON NEW ARM BRACKET.



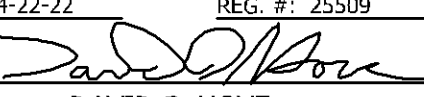
Plan View
Scale: 1" = 50'





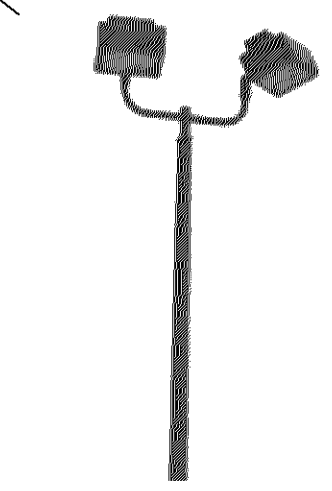
Collins
ELECTRICAL • TECHNOLOGY
Collins Electrical Construction Co.
278 State Street
St. Paul, Minnesota 55107-1679
Telephone (651) 224-2633
Fax (651) 232-0359
www.collinsmn.com

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: 4-22-22 REG. #: 75599
SIGNED:  DAVID S. HOVE

DRAWN BY: K. KUEHN
CHECKED BY: M. KEYS
DATE: 4-8-22
JOB NUMBER:
FILE NAME:

#	DATE	REVISIONS
1	4-22-22	PERMIT SET
2	12-14-22	PROGRESS SET



VALLEY WEST SHOPPING CENTER
SITE RELIGHTING
FRANCE AVENUE S & W OLD SHAKOPEE
BLOOMINGTON MN

PHOTOMETRIC PLAN
MAINTAINED
LEVEL AT 0.81

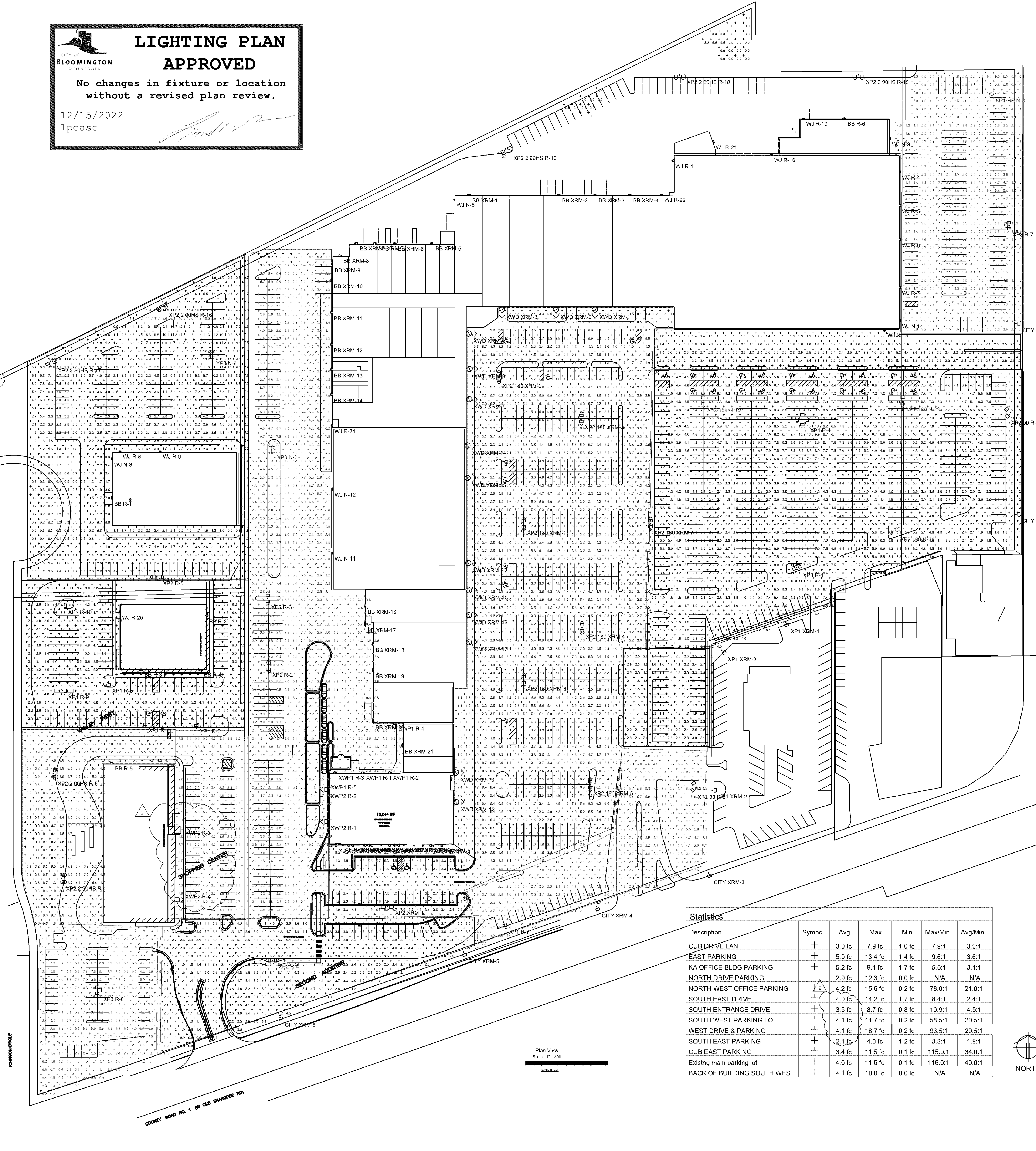
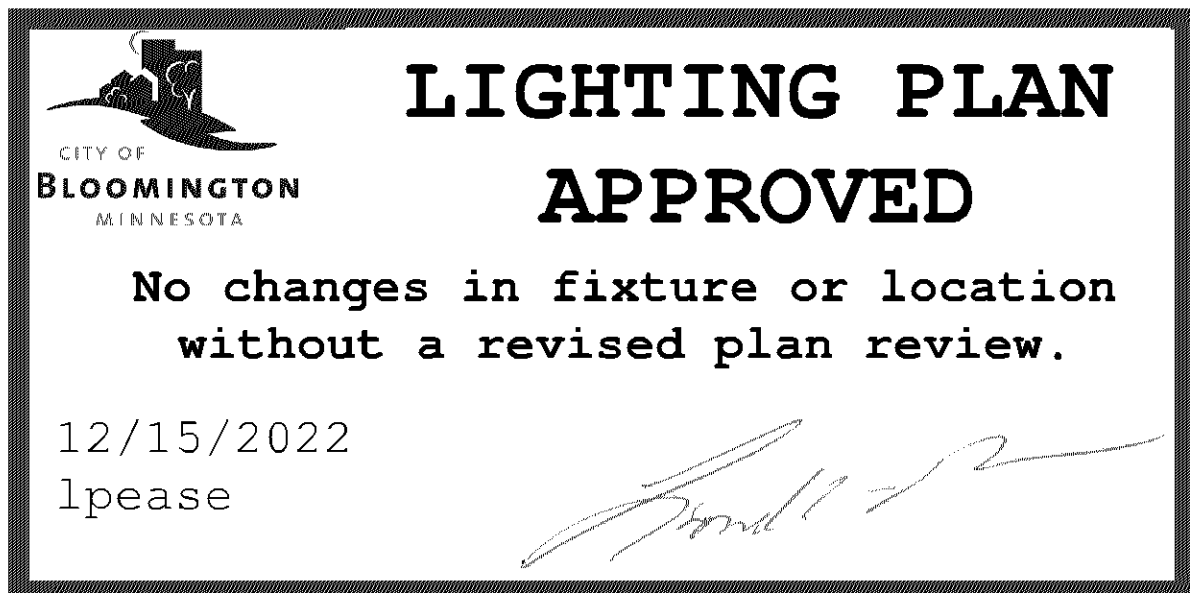
SCALE: 1"=50'-0"

E050

Project: Project/Vally View Shopping Center site lighting-MO Directly468468.dwg, 12/19/2022 9:32:11 AM, Dwg To Pdf.pcl

Luminaire Locations		Location			
19	XP2 180 N	42800.24	3462.90	23.00	20.00
	XP2 180 N-1	42800.24	3466.05	23.00	20.00
	XP2 180 N-2	42800.24	3473.15	23.00	20.00
20	XP2 180 N	42844.48	3463.19	24.00	24.00
	XP2 180 N-1	42844.48	3466.34	24.00	24.00
	XP2 180 N-2	42844.48	3473.44	24.00	24.00
5	XP2 180 XSM	42590.06	3140.85	20.00	5.00
	XP2 180 XSM-1	42590.06	3144.00	20.00	5.00
	XP2 180 XSM-2	42590.06	3137.10	20.00	5.00
2	XP2 R	42267.81	3157.83	25.00	180.00
	XP2 R-1	42267.81	3154.09	25.00	180.00
	XP2 R-2	42267.81	3161.58	25.00	25.00
3	XP2 R	42266.53	3040.71	24.00	180.00
	XP2 R-1	42266.53	3036.96	24.00	180.00
	XP2 R-2	42266.53	3044.46	24.00	24.00
2	XP2 N	42273.50	3424.52	33.00	33.00
	XP2 N-1	42273.50	3420.77	33.00	33.00
	XP2 N-2	42267.75	3424.52	33.00	33.00
3	XP2 N	42273.50	3428.27	33.00	33.00
	XP2 N-1	42198.96	3533.08	28.00	28.00
	XP2 N-2	42198.96	3535.83	28.00	28.00
	XP2 N-3	42198.96	3543.43	28.00	28.00
7	XP2 R	41374.97	3697.31	20.00	179.26
	XP2 R-1	41374.97	3693.56	20.00	179.26
	XP2 R-2	41371.17	3697.26	20.00	206.28
	XP2 R-3	41374.96	3701.06	20.00	359.28
21	XP2 180 N	42803.94	3473.05	23.00	31.38
	XP2 180 N-1	42807.28	3474.73	23.00	31.38
4	XP2 R	42272.33	3137.41	23.00	269.85
	XP2 R-1	42266.56	3137.30	23.00	269.85
	XP2 R-2	42272.06	3139.32	23.00	269.85
5	XP2 R	42190.84	3067.06	24.00	90.00
	XP2 R-1	42194.59	3067.06	24.00	90.00
	XP2 R-2	42197.08	3037.06	24.00	270.00
14	WJ N	38640.80	3581.13	12.00	90.00
7	XP2 180 XSM	42735.65	3133.12	20.00	5.00
	XP2 180 XSM-1	42735.65	3135.67	20.00	5.00
	XP2 180 XSM-2	42733.65	3128.37	20.00	180.00
5	XWP2 R	42341.88	3016.76	18.00	270.00
1	XWP2 R	42341.69	3016.48	30.00	270.00
	XWP2 R-1	42341.69	3006.48	30.00	270.00
4	XWP2 R	42144.57	3071.97	45.00	40.00
	XWP2 R-1	42144.57	3066.04	40.00	40.00
	XWP2 R-2	42144.57	3076.04	40.00	40.00
	XWP2 R-3	42144.57	3081.04	40.00	40.00
	XWP2 R-4	42144.57	3086.04	40.00	40.00
	XWP2 R-5	42144.57	3091.04	40.00	40.00
	XWP2 R-6	42144.57	3096.04	40.00	40.00
	XWP2 R-7	42144.57	3101.04	40.00	40.00
	XWP2 R-8	42144.57	3106.04	40.00	40.00
	XWP2 R-9	42144.57	3111.04	40.00	40.00
	XWP2 R-10	42144.57	3116.04	40.00	40.00
	XWP2 R-11	42144.57	3121.04	40.00	40.00
	XWP2 R-12	42144.57	3126.04	40.00	40.00
	XWP2 R-13	42144.57	3131.04	40.00	40.00
	XWP2 R-14	42144.57	3136.04	40.00	40.00
	XWP2 R-15	42144.57	3141.04	40.00	40.00
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	XWP2 R-17	42144.57	3151.04	40.00	40.00
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	XWP2 R-145	42144.57	3791.04	40.00	40.00
	XWP2 R-146	42144.57	3796.04	40.00	40.00
	XWP2 R-147	42144.57	3801.04	40.00	40.00
	XWP2 R-148	42144.57	3806.04	40.00	40.00
	XWP2 R-149	42144.57	3811.04	40.00	40.00
	XWP2 R-150	42144.57	3816.04	40.00	

Luminaire Locations		Location			
19	XP2 180 N	42800.24	3462.90	23.00	20.00
	XP2 180 N-1	42800.24	3466.05	23.00	20.00
	XP2 180 N-2	42800.24	3473.15	23.00	20.00
20	XP2 180 N	42844.48	3463.19	24.00	24.00
	XP2 180 N-1	42844.48	3466.34	24.00	24.00
	XP2 180 N-2	42844.48	3473.44	24.00	24.00
5	XP2 180 XSM	42590.06	3140.85	20.00	5.00
	XP2 180 XSM-1	42590.06	3144.00	20.00	5.00
	XP2 180 XSM-2	42590.06	3137.10	20.00	5.00
2	XP2 R	42267.81	3157.83	25.00	100.00
	XP2 R-1	42267.81	3154.09	25.00	100.00
	XP2 R-2	42267.81	3161.58	25.00	25.00
3	XP2 R	42266.53	3040.71	24.00	100.00
	XP2 R-1	42266.53	3036.96	24.00	100.00
	XP2 R-2	42266.53	3044.46	24.00	24.00
2	XP2 N	42273.50	3424.52	33.00	33.00
	XP2 N-1	42273.50	3420.77	33.00	33.00
	XP2 N-2	42266.75	3424.52	33.00	33.00
3	XP2 N	42273.50	3428.27	33.00	33.00
	XP2 N-1	42198.96	3533.08	28.00	28.00
	XP2 N-2	42198.96	3535.83	28.00	28.00
	XP2 N-3	42198.96	3543.43	28.00	28.00
3	XP2 R	42174.97	3607.31	20.00	179.26
	XP2 R-1	42174.97	3603.56	20.00	179.26
	XP2 R-2	42171.17	3607.26	20.00	206.28
	XP2 R-3	42174.96	3670.06	20.00	350.28
21	XP2 180 N	42803.94	3473.05	23.00	31.38
	XP2 180 N-1	42807.28	3474.73	23.00	31.38
4	XP2 R	42272.33	3137.37	23.00	269.85
	XP2 R-1	42266.56	3137.30	23.00	269.85
	XP2 R-2	42272.33	3139.32	23.00	269.85
5	XP2 R	42190.84	3067.06	24.00	90.00
	XP2 R-1	42194.59	3067.06	24.00	90.00
	XP2 R-2	42197.08	3037.06	24.00	270.00
14	WJ N	38640.80	3581.13	12.00	90.00
7	XP2 180 XSM	42735.05	3133.12	20.00	5.00
	XP2 180 XSM-1	42735.05	3135.67	20.00	5.00
	XP2 180 XSM-2	42733.05	3132.37	20.00	100.00
5	XW2P R	42341.88	3016.76	18.00	270.00
1	XW2P R	42341.69	3067.48	30.00	270.00
	XW2P R-1	42341.69	3066.48	30.00	270.00
4	XW2P R	42144.57	3071.97	45.00	40.00
	XW2P R-1	42144.57	3066.04	40.00	40.00
	XW2P R-2	42144.57	3071.97	45.00	40.00
	XW2P R-3	42144.57	3066.04	40.00	40.00
	XW2P R-4	42144.57	3071.97	45.00	40.00
	XW2P R-5	42144.57	3066.04	40.00	40.00
	XW2P R-6	42144.57	3071.97	45.00	40.00
	XW2P R-7	42144.57	3066.04	40.00	40.00
	XW2P R-8	42144.57	3071.97	45.00	40.00
	XW2P R-9	42144.57	3066.04	40.00	40.00
	XW2P R-10	42144.57	3071.97	45.00	40.00
	XW2P R-11	42144.57	3066.04	40.00	40.00
	XW2P R-12	42144.57	3071.97	45.00	40.00
	XW2P R-13	42144.57	3066.04	40.00	40.00
	XW2P R-14	42144.57	3071.97	45.00	40.00
	XW2P R-15	42144.57	3066.04	40.00	40.00
	XW2P R-16	42144.57	3071.97	45.00	40.00
	XW2P R-17	42144.57	3066.04	40.00	40.00
	XW2P R-18	42144.57	3071.97	45.00	40.00
	XW2P R-19	42144.57	3066.04	40.00	40.00
	XW2P R-20	42144.57	3071.97	45.00	40.00
	XW2P R-21	42144.57	3066.04	40.00	40.00
	XW2P R-22	42144.57	3071.97	45.00	40.00
	XW2P R-23	42144.57	3066.04	40.00	40.00
	XW2P R-24	42144.57	3071.97	45.00	40.00
	XW2P R-25	42144.57	3066.04	40.00	40.00
	XW2P R-26	42144.57	3071.97	45.00	40.00
	XW2P R-27	42144.57	3066.04	40.00	40.00
	XW2P R-28	42144.57	3071.97	45.00	40.00
	XW2P R-29	42144.57	3066.04	40.00	40.00
	XW2P R-30	42144.57	3071.97	45.00	40.00
	XW2P R-31	42144.57	3066.04	40.00	40.00
	XW2P R-32	42144.57	3071.97	45.00	40.00
	XW2P R-33	42144.57	3066.04	40.00	40.00
	XW2P R-34	42144.57	3071.97	45.00	40.00
	XW2P R-35	42144.57	3066.04	40.00	40.00
	XW2P R-36	42144.57	3071.97	45.00	40.00
	XW2P R-37	42144.57	3066.04	40.00	40.00
	XW2P R-38	42144.57	3071.97	45.00	40.00
	XW2P R-39	42144.57	3066.04	40.00	40.00
	XW2P R-40	42144.57	3071.97	45.00	40.00
	XW2P R-41	42144.57	3066.04	40.00	40.00
	XW2P R-42	42144.57	3071.97	45.00	40.00
	XW2P R-43	42144.57	3066.04	40.00	40.00
	XW2P R-44	42144.57	3071.97	45.00	40.00
	XW2P R-45	42144.57	3066.04	40.00	40.00
	XW2P R-46	42144.57	3071.97	45.00	40.00
	XW2P R-47	42144.57	3066.04	40.00	40.00
	XW2P R-48	42144.57	3071.97	45.00	40.00
	XW2P R-49	42144.57	3066.04	40.00	40.00
	XW2P R-50	42144.57	3071.97	45.00	40.00
	XW2P R-51	42144.57	3066.04	40.00	40.00
	XW2P R-52	42144.57	3071.97	45.00	40.00
	XW2P R-53	42144.57	3066.04	40.00	40.00
	XW2P R-54	42144.57	3071.97	45.00	40.00
	XW2P R-55	42144.57	3066.04	40.00	40.00
	XW2P R-56	42144.57	3071.97	45.00	40.00
	XW2P R-57	42144.57	3066.04	40.00	40.00
	XW2P R-58	42144.57	3071.97	45.00	40.00
	XW2P R-59	42144.57	3066.04	40.00	40.00
	XW2P R-60	42144.57	3071.97	45.00	40.00
	XW2P R-61	42144.57	3066.04	40.00	40.00
	XW2P R-62	42144.57	3071.97	45.00	40.00
	XW2P R-63	42144.57	3066.04	40.00	40.00
	XW2P R-64	42144.57	3071.97	45.00	40.00
	XW2P R-65	42144.57	3066.04	40.00	40.00
	XW2P R-66	42144.57	3071.97	45.00	40.00
	XW2P R-67	42144.57	3066.04	40.00	40.00
	XW2P R-68	42144.57	3071.97	45.00	40.00
	XW2P R-69	42144.57	3066.04	40.00	40.00
	XW2P R-70	42144.57	3071.97	45.00	40.00
	XW2P R-71	42144.57	3066.04	40.00	40.00
	XW2P R-72	42144.57	3071.97	45.00	40.00
	XW2P R-73	42144.57	3066.04	40.00	40.00
	XW2P R-74	42144.57	3071.97	45.00	40.00
	XW2P R-75	42144.57	3066.04	40.00	40.00
	XW2P R-76	42144.57	3071.97	45.00	40.00
	XW2P R-77	42144.57	3066.04	40.00	40.00
	XW2P R-78	42144.57	3071.97	45.00	40.00
	XW2P R-79	42144.57	3066.04	40.00	40.00
	XW2P R-80	42144.57	3071.97	45.00	40.00
	XW2P R-81	42144.57	3066.04	40.00	40.00
	XW2P R-82	42144.57	3071.97	45.00	40.00
	XW2P R-83	42144.57	3066.04	40.00	40.00
	XW2P R-84	42144.57	3071.97	45.00	40.00
	XW2P R-85	42144.57	3066.04	40.00	40.00
	XW2P R-86	42144.57	3071.97	45.00	40.00
	XW2P R-87	42144.57	3066.04	40.00	40.00
	XW2P R-88	42144.57	3071.97	45.00	40.00
	XW2P R-89	42144.57	3066.04	40.00	40.00
	XW2P R-90	42144.57	3071.97	45.00	40.00
	XW2P R-91	42144.57	3066.04	40.00	40.00
	XW2P R-92	42144.57	3071.97	45.00	40.00
	XW2P R-93	42144.57	3066.04	40.00	40.00
	XW2P R-94	42144.57	3071.97	45.00	40.00
	XW2P R-95	42144.57	3066.04	40.00	40.00
	XW2P R-96	42144.57	3071.97	45.00	40.00
	XW2P R-97	42144.57	3066.04	40.00	40.00
	XW2P R-98	42144.57	3071.97	45.00	40.00
	XW2P R-99	42144.57	3066.04	40.00	40.00
	XW2P R-100	42144.57	3071.97	45.00	40.00
	XW2P R-101	42144.57	3066.04	40.00	40.00
	XW2P R-102	42144.57	3071.97	45.00	40.00
	XW2P R-103	42144.57	3066.04	40.00	40.00
	XW2P R-104	42144.57	3071.97	45.00	40.00
	XW2P R-105	42144.57	3066.04	40.00	40.00
	XW2P R-106	42144.57	3071.97	45.00	40.00
	XW2P R-107	42144.57	3066.04	40.00	40.00
	XW2P R-108	42144.57	3071.97	45.00	40.00
	XW2P R-109	42144.57	3066.04	40.00	40.00
	XW2P R-110	42144.57	3071.97	45.00	40.00
	XW2P R-111	42144.57	3066.04	40.00	40.00
	XW2P R-112	42144.57	3071.97	45.00	40.00
	XW2P R-113	42144.57	3066.04	40.00	40.00
	XW2P R-114	42144.57	3071.97	45.00	40.00
	XW2P R-115	42144.57	3066.04	40.00	40.00
	XW2P R-116	42144.57	3071.97	45.00	40.00
	XW2P R-117	42144.57	3066.04	40.00	40.00
	XW2P R-118	42144.57	3071.97	45.00	40.00
	XW2P R-119	42144.57	3066.04	40.00	40.00
	XW2P R-120	42144.57	3071.97	45.00	40.00
	XW2P R-121	42144.57	3066.04	40.00	40.00
	XW2P R-122	42144.57	3071.97	45.00	40.00
	XW2P R-123	42144.57	3066.04	40.00	40.00
	XW2P R-124	42144.57	3071.97	45.00	40.00
	XW2P R-125	42144.57	3066.04	40.00	40.00
	XW2P R-126	42144.57	3071.97	45.00	40.00
	XW2P R-127	42144.57	3066.04	40.00	40.00
	XW2P R-128	42144.57	3071.97	45.00	40.00
	XW2P R-129	42144.57	3066.04	40.00	40.00
	XW2P R-130	42144.57	3071.97	45.00	40.00
	XW2P R-131	42144.57	3066.04	40.00	40.00
	XW2P R-132	42144.57	3071.97	45.00	40.00
	XW2P R-133	42144.57	3066.04	40.00	40.00
	XW2P R-134	42144.57	3071.97	45.00	40.00
	XW2P R-135	42144.57	3066.04	40.00	40.00
	XW2P R-136	42144.57	3071.97	45.00	40.00
	XW2P R-137	42144.57	3066.04	40.00	40.00
	XW2P R-138	42144.57	3071.97	45.00	40.00
	XW2P R-139	42144.57	3066.04	40.00	40.00
	XW2P R-140	42144.57	3071.97	45.00	40.00
	XW2P R-141	42144.57	3066.04	40.00	40.00
	XW2P R-142	42144.57	3071.97	45.00	40.00
	XW2P R-143	42144.57	3066.04	40.00	40.00
	XW2P R-144	42144.57	3071.97	45.00	40.00
	XW2P R-145	42144.57	3066.04	40.00	40.00
	XW2P R-146	42144.57	3071.97	45.00	40.00
	XW2P R-147	42144.57	3066.04	40.00	40.00
	XW2P R-148	42144.57			



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CUB DRIVE LAN	+	3.0 fc	7.9 fc	1.0 fc	7.9:1	3.0:1
EAST PARKING	+	5.0 fc	13.4 fc	1.4 fc	9.6:1	3.6:1
KA OFFICE BLDG PARKING	+	5.2 fc	9.4 fc	1.7 fc	5.5:1	3.1:1
NORTH DRIVE PARKING	+	2.9 fc	12.3 fc	0.0 fc	N/A	N/A
NORTH WEST OFFICE PARKING	+	4.2 fc	15.6 fc	0.2 fc	78.0:1	21.0:1
SOUTH EAST DRIVE	+	4.0 fc	14.2 fc	1.7 fc	8.4:1	2.4:1
SOUTH ENTRANCE DRIVE	+	3.6 fc	8.7 fc	0.8 fc	10.9:1	4.5:1
SOUTH WEST PARKING LOT	+	4.1 fc	11.7 fc	0.2 fc	58.5:1	20.5:1
WEST DRIVE & PARKING	+	4.1 fc	18.7 fc	0.2 fc	93.5:1	20.5:1
SOUTH EAST PARKING	+	2.1 fc	4.0 fc	1.2 fc	3.3:1	1.8:1
CUB EAST PARKING	+	3.4 fc	11.5 fc	0.1 fc	115.0:1	34.0:1
Existing main parking lot	+	4.0 fc	11.6 fc	0.1 fc	116.0:1	40.0:1
BACK OF BUILDING SOUTH WEST	+	4.1 fc	10.0 fc	0.0 fc	N/A	N/A

VALLEY WEST SHOPPING CENTER
SITE RELIGHTING
FRANCE AVENUE S & W OLD SHAKOPEE
BLOOMINGTON MINN



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: 4-22-22 REG. #: 25509

SIGNED: David S. Hove

DAVID S. HOVE

DRAWN BY: K. KUEHN
CHECKED BY: M. KEYS
DATE: 4-8-22

JOB NUMBER:
FILE NAME:

REVISIONS		
#	DATE	
1	4-22-22	PERMIT SET
2	12-14-22	PROGRESS SET

PHOTOMETRIC PLAN
100 %

E060

Make SAFETY a part of every plan

Luminaire Locations							
No.	Label	X	Y	Z	MH	Orientation	TW
1	WJ R	42793.92	8777.07	12.00	12.00	270.00	0.00
4	WJ R	43060.71	8784.51	10.00	10.00	0.00	0.00
5	WJ R	43040.71	8752.09	10.00	10.00	0.00	0.00
6	WJ R	43040.71	8686.15	10.00	10.00	0.00	0.00
7	WJ R	43040.71	8622.83	10.00	10.00	0.00	0.00
8	WJ R	42985.53	8425.14	10.00	10.00	0.00	0.00
9	WJ R	42134.53	8425.09	10.00	10.00	0.00	0.00
4	XP2 2 80HS R	42014.30	8897.53	20.00	20.00	89.36	0.00
5	XP2 2 80HS R	42003.64	9020.00	20.00	20.00	89.64	0.00
10	XP2 2 80HS R	42558.05	8791.75	20.00	20.00	151.98	0.00
2	XP2 30 R	42791.97	9009.21	20.00	20.00	233.11	0.00
4	XP2 30 R	43176.72	8458.00	20.00	20.00	222.54	0.00
4	XP1 R	42115.35	9032.48	20.00	20.00	0.00	0.00
5	XP1 R	42179.16	8981.22	20.00	20.00	0.00	0.00
4	XP3 R	42914.50	8278.75	20.00	20.00	248.11	0.00
4	XP1 R	42981.82	8458.71	30.00	30.00	0.00	0.00
2	XP1 XRM	42811.21	8000.52	20.00	20.00	88.61	0.00
1	XP2 XRM	42113.11	8852.78	30.00	30.00	80.00	0.00
1	XP2 XRM-1	42447.97	8892.78	30.00	30.00	80.00	0.00
10	XP2 XRM-2	42445.25	8892.78	30.00	30.00	270.00	0.00
1	XD XRM	42350.29	8836.03	9.50	9.50	180.00	0.00
2	XD XRM	42370.88	8836.03	9.50	9.50	180.00	0.00
3	XD XRM	42394.45	8836.03	9.50	9.50	180.00	0.00
4	XD XRM	42415.91	8836.03	9.50	9.50	180.00	0.00
5	XD XRM	42438.13	8836.03	9.50	9.50	180.00	0.00
5	XD XRM	42456.30	8836.03	9.50	9.50	180.00	0.00
1	XP XRM	42458.72	8836.12	18.00	18.00	180.00	0.00
2	XP XRM	42489.15	8836.12	18.00	18.00	180.00	0.00
3	XP XRM	42513.65	8836.12	18.00	18.00	180.00	0.00
4	XP XRM	42538.91	8836.12	18.00	18.00	180.00	0.00
5	XP XRM	42565.07	8836.12	18.00	18.00	180.00	0.00
6	XP XRM	42592.41	8836.12	18.00	18.00	180.00	0.00
7	XP XRM	42623.44	8836.12	18.00	18.00	180.00	0.00
8	XP XRM	42651.25	8836.39	18.00	18.00	180.00	0.00
9	XP XRM	42678.73	8836.50	18.00	18.00	180.00	0.00
10	XP XRM	42705.71	8836.61	18.00	18.00	180.00	0.00
1	XWD XRM	42687.45	8597.80	12.00	12.00	179.67	0.00
2	XWD XRM	42613.68	8597.80	12.00	12.00	179.67	0.00
3	XWD XRM	42583.51	8597.80	12.00	12.00	179.67	0.00
4	XWD XRM	42553.03	8597.80	12.00	12.00	89.82	0.00
7	XWD XRM	42513.12	8484.81	12.00	12.00	90.00	0.00
8	XWD XRM	42513.53	8521.81	12.00	12.00	90.00	0.00
9	XWD XRM	42558.63	8586.10	12.00	12.00	90.00	0.00
10	XWD XRM	42593.98	8550.65	12.00	12.00	90.00	0.00
12	XWD XRM	42614.13	8550.65	12.00	12.00	90.00	0.00
13	XWD XRM	42639.52	8527.38	12.00	12.00	90.00	0.00
1	XWP1 R	42382.80	9026.41	12.00	12.00	0.00	0.00
2	XWP1 R	42416.02	9026.55	12.00	12.00	0.00	0.00
3	XWP1 R	42448.54	9026.55	12.00	12.00	0.00	0.00
1	BB XRM	42513.00	8754.00	8.00	8.00	0.00	0.00
2	BB XRM	42623.00	8754.00	10.00	10.00	0.00	0.00
3	BB XRM	42622.00	8747.67	14.00	14.00	0.00	0.00
7	BB XRM	42710.00	8754.00	10.00	10.00	0.00	0.00
5	BB XRM	42689.00	8675.00	8.00	8.00	0.00	0.00
6	BB XRM	42622.00	8674.67	14.00	14.00	0.00	0.00
8	BB XRM	42388.00	8675.00	14.00	14.00	0.00	0.00
8	BB XRM	42355.00	8690.00	14.00	14.00	0.00	0.00
9	BB XRM	42344.00	8690.00	10.00	10.00	270.00	0.00
10	BB XRM	42345.68	8636.82	10.00	10.00	270.00	0.00
11	BB XRM	42345.44	8591.48	10.00	10.00	270.00	0.00
12	BB XRM	42345.44	8551.12	10.00	10.00	270.00	0.00
13	BB XRM	42345.55	8551.50	10.00	10.00	270.00	0.00
14	BB XRM	42345.65	8496.04	10.00	10.00	270.00	0.00
16	BB XRM	42375.13	8675.00	8.00	8.00	0.00	0.00
18	BB XRM	42388.67	8231.74	10.00	10.00	270.00	0.00
17	BB XRM	42386.52	8209.15	10.00	10.00	270.00	0.00
18	BB XRM	42386.68	8184.95	10.00	10.00	270.00	0.00
19	BB XRM	42386.66	8158.85	10.00	10.00	270.00	0.00
20	BB XRM	42386.54	8096.30	10.00	10.00	270.00	0.00
21	BB XRM	42423.53	8096.61	10.00	10.00	270.00	0.00
16	WJ R	42985.53	8784.41	10.00	10.00	0.00	0.00
19	WJ R	42923.02	8827.94	20.00	20.00	0.00	0.00
21	WJ R	42812.24	8895.18	20.00	20.00	0.00	0.00
22	WJ R	42761.11	8744.51	12.00	12.00	0.00	0.00
14	XWD XRM	42588.05	8428.01	12.00	12.00	30.00	0.00
15	XWD XRM	42588.05	8388.25	12.00	12.00	30.00	0.00
16	XWD XRM	42588.05	8328.15	12.00	12.00	30.00	0.00
17	XWD XRM	42588.05	8188.83	12.00	12.00	30.00	0.00
4	XWP1 R	42422.73	8597.75	10.00	10.00	180.00	0.00
24	WJ R	42485.00	8452.51	14.00	14.00	270.00	0.00
1	CITY XRM	42183.39	8343.64	40.00	40.00	0.00	0.00
2	CITY XRM	42183.39	8577.25	40.00	40.00	0.00	0.00
3	CITY XRM	42867.75	8884.13	40.00	40.00	158.65	0.00
4	CITY XRM	42869.75	8884.14	40.00	40.00	158.65	0.00
5	CITY XRM	42566.38	8807.34	40.00	40.00	158.65	0.00
1	CITY XRM	4281.38	8729.42	40.00	40.00	158.65	0.00
16	XP2 2 80HS R	42132.00	8999.51	20.00	20.00	151.98	0.00
17	XP2 2 80HS R	42132.72	9096.07	20.00	20.00	151.98	0.00
17	XP2 2 80HS R	42140.67	9020.29	20.00	20.00	151.98	0.00
17	XP2 2 80HS R	42000.08	9531.48	20.00	20.00	151.98	0.00
17	XP2 2 80HS R	41986.61	9538.04	20.00	20.00	151.98	0.00
7	XP2 2 80HS R	42064.75	9532.27	20.00	20.00	151.98	0.00
7	XP1 R	42558.41	8856.29	20.00	20.00	343.00	0.00
3	XP1 XRM	42622.85	9175.71	20.00	20.00	130.77	0.00
5	WJ N	42486.75	8729.92	14.00	14.00	270.00	0.00
8	WJ N	42876.05	8411.61	10.00	10.00	270.00	0.00
9	WJ N	42028.52	8884.03	15.00	15.00	30.00	0.00
3	XP1 HS N	42155.72	8861.92	33.00	33.00	215.01	0.00
5	XP3 R	42657.75	8740.49	20.00	20.00	0.14	0.00
5	XP3 R-1	42657.71	8784.24	20.00	20.00	0.14	0.00
5	XP3 R-2	42661.45	8786.48	20.00	20.00	30.14	0.00
5	XP3 R-3	42657.68	8756.74	20.00	20.00	180.14	0.00
1	BB R	42194.71	8220.55	12.00	12.00	30.00	0.00
3	BB R	42111.38	8153.70	12.00	12.00	180.00	0.00
4	BB R	42184.20	8153.83	12.00	12.00	180.00	0.00
11	WJ N	42346.39	8296.35	14.00	14.00	270.00	0.00
12	WJ N	42346.39	8274.88	14.00	14.00	270.00	0.00
8	XP1 R	42071.51	8194.95	20.00	20.00	179.42	0.00
9	XP1 R	42014.77	8127.48	20.00	20.00	90.00	0.00
10	XP1 R	42014.66	8231.79	20.00	20.00	90.00	0.00
1	XP2 180 XRM	42580.06	9231.85	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42580.06	9236.60	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42580.06	9238.10	20.00	20.00	180.00	0.00
2	XP2 180 XRM	42549.84	9511.99	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42549.84	9515.71	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42549.84	9508.21	20.00	20.00	180.00	0.00
3	XP2 180 XRM	42600.74	9461.30	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42600.74	9465.05	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42600.74	9457.55	20.00	20.00	180.00	0.00
4	XP2 180 XRM	42651.69	9204.69	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42651.69	9206.44	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42651.69	9206.94	20.00	20.00	180.00	0.00
5	XP2 180 XRM	42661.74	9012.50	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42661.74	9016.25	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42661.74	9008.75	20.00	20.00	180.00	0.00
5	BB R	42075.81	8573.85	10.00	10.00	380.00	0.00
6	BB R	42072.81	8572.84	10.00	10.00	0.00	0.00
13	WJ N	42022.12	8586.34	12.00	12.00	180.00	0.00
28	WJ R	42865.75	8224.15	12.00	12.00	270.00	0.00
4	XP1 XRM	42901.37	8211.71	20.00	20.00	158.50	0.00
18	XP2 2 80HS R	42771.37	8865.18	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-1	42756.83	8860.54	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-2	42775.69	8860.73	20.00	20.00	179.35	0.00
19	XP2 2 80HS R	42660.41	8862.16	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-1	42685.83	8860.61	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-2	42684.93	8860.71	20.00	20.00	179.35	0.00

Luminaire Locations							
No.	Label	X	Y	Z	MH	Orientation	TW
19	XP2 180 N	42803.24	9482.90	20.00	20.00	0.00	0.00
1	XP2 180 N-1	42803.24	9482.90	20.00	20.00	0.00	0.00
20	XP2 180 N-2	42803.24	9479.15	20.00	20.00	180.00	0.00
5	XP2 180 XRM	42580.06	9483.15	20.00	20.00	0.00	0.00
1	XP2 180 N-3	42804.48	9483.94	24.00	24.00	0.00	0.00
6	XP2 180 XRM	42580.06	9147.44	20.00	20.00	180.00	0.00
1	XP2 180 XRM-1	42580.06	9144.60	20.00	20.00	0.00	0.00
2	XP2 180 XRM-2	42580.06	9137.10	20.00	20.00	180.00	0.00
2	XP2 R	42267.81	9157.83	25.00	25.00	180.00	0.00
3	XP2 R-1	42267.81	9154.08	25.00	25.00	180.00	0.00
3	XP2 R-2	42267.81	9151.58	25.00	25.00	0.00	0.00
3	XP2 R-3	42266.52	9240.71	24.00	24.00	180.00	0.00
3	XP2 R-4	42266.52	9240.71	24.00	24.00	180.00	0.00
2	XP2 R-2	42266.52	9244.46	24.00	24.00	0.00	0.00
2	XP1 N	42271.55	9424.52	33.00	33.00	180.00	0.00
3	XP1 N-1	42271.55	9420.77	33.00	33.00	180.00	0.00
3	XP1 N-2	42265.75	9424.52	33.00	33.00	270.00	0.00
3	XP1 N-3	42265.75	9428.27	33.00	33.00	0.00	0.00
3	XP1 N	42198.96	9503.68	28.00	28.00	180.00	0.00
3	XP1 N-1	42198.96	9503.68	28.00	28.00	180.00	0.00
3	XP1 N-2	42195.21	9536.68	28.00	28.00	270.00	0.00
3	XP1 N-3	42198.96	9543.43	28.00	28.00	0.00	0.00
7	XP1 R	42174.92	9677.31	20.00	20.00	170.26	0.00
7	XP1 R-1	42174.92	9673.55	20.00	20.00	170.26	0.00
3	XP1 R-2	42171.17	9672.26	20.00	20.00	216.28	0.00
3	XP1 R-3	42174.98	9701.06	20.00	20.00	356.28	0.00
21	XP2 180 N	42273.56	9233.05	20.00	20.00	63.38	0.00
4	XP2 180 N-1	42037.29	9242.73	20.00	20.00	63.38	0.00
4	XP1 R	42272.32	9747.31	20.00	20.00	259.85	0.00
4	XP2 R-1	42273.56	9737.30	20.00	20.00	259.85	0.00
5	XP2 R	42276.06	9767.32	20.00	20.00	89.85	0.00
5	XP2 R-1	42276.06	9267.95	24.00	24.00	90.00	0.00
5	XP2 R-2	42276.06	9267.95	24.00	24.00	90.00	0.00
14	WP1 N	41865.86	9561.13	12.00	12.00	90.00	0.00
7	WP2 N	42735.65	9332.12	20.00	20.00	0.00	0.00
7	WP2 N	42735.65	9335.87	20.00	20.00	0.00	0.00
7	XP2 180 XRM-1	42735.65	9236.37	20.00	20.00	100.00	0.00
5	XPWP2 R	42341.88	9216.78	10.00	10.00	270.00	0.00
2	XPWP2 R	42341.69	9209.46	10.00	10.00	270.00	0.00
3	XPWP2 R	42144.07	9817.87	40.00	40.00	90.00	0.00
4	XPWP2 R	42152.54	8895.54	40.00	40.00	90.00	0.00

Schedule				Schedule			
Symbol	Label	Light-on Time	Light-off Time	Symbol	Label	Light-on Time	Light-off Time
	CITY XRM				XFM		
	XP1 HS N				XP2 XRM		
	XP1 R				XP1P 1 R		
	XP1 XRM				XP2 W R		
	XP2 180 N				BB XRM		
	XP2 180 XRM				BB R		
	XP2 R						
	XP2 2 90H S R						
	XP2 90 R						
	XP3 N						
	XP3 R						
	XP4 R						
	WJ N						
	WJ R						
	XPWP R						
	XPWP R						



	XP1 HS N	6	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	GLEON-SAGC-14N1-14T1HS-02 NEW 20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	129277	333	
	XP1 R	6	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	GLEON-SAGC-14N1-14T1HS-02 ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	333	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP2 180 N	3	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 NEW 20' SQUARE POLE 2-8' HIGHER	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	969	
	XP2 2 90H S R	7	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 NEW MOUNTING ARM 2-8' HIGHER ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	129277	969	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP2 90 R	2	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 NEW MOUNTING ARM 2-8' HIGHER ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	129277	969	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP3 R	3	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	969	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP4 R	1	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	1332	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	WJ N	1	Lithonia Lighting	DSXN1 LED 20C 100W 40K TTFM 1MOLT DEBO	DSXN1 LED WITH 2 LIGHT ENGINES, 30 1070, 1050MA DRIVER, 4000K LED, TYPE FORWARD THROW MEDIUM OPTIC	4050	7383	129277	73	
	WJ R	13	Lithonia Lighting	DSXN1 LED 20C 100W 40K TTFM 1MOLT DEBO	DSXN1 LED WITH 2 LIGHT ENGINES, 30 1070, 1050MA DRIVER, 4000K LED, TYPE FORWARD THROW MEDIUM OPTIC	4050	7383	129277	73	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	XWP R		Visionaire Lighting LLC	BLX-14-14-14-04L-4K-10V PT-62	37 in. x 28 in W x 8 in H LED LUMINAIRE	4050	73141	129277	368	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	XWP 1 R	5	Lithonia Lighting	DSXN1 LED 20C 100W 40K TTFM 1MOLT DEBO WB40P-XL	DSXN1 LED WITH 2 LIGHT ENGINES, TYPE TTFM OPTIC, 4000K, @ 50W	4050	4366	129277	34.9	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	XWP N		Visionaire Lighting LLC	BLX-14-14-14-04L-4K-10V PT-62 WB40P-XL	37 in. x 28 in W x 8 in H LED LUMINAIRE	4050	73141	129277	368	
	BB R	8	Lithonia Lighting	DSXN1 LED 20C 100W 40K TTFM 1MOLT DEBO	DSXN1 LED WITH 2 LIGHT ENGINES, TYPE TTFM OPTIC, 4000K, @ 50W	4050	4366	129277	34.9	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	XP2 R	4	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 ONE X20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	969	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP3 N	7	COOPER LIGHTING SOLUTIONS - MEDIUM BAYON (FORMERLY EATON)	G1 GLEON-SAGC-14S1-14T1HS-02 NEW 20' SQUARE POLE	GALLON AREA AND ROADWAY LUMINAIRE (8) TO CR. 400K, 1050MA LIGHTGUARDES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	4050	464	129277	969	
	XWP S	2	Visionaire Lighting LLC	BLX-14-14-14-04L-4K-10V PT-62	37 in. x 28 in W x 8 in H LED LUMINAIRE	4050	73141	129277	416	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL

	CITY XRM	6	EXISTING STREET LIGHT	EXISTING	EXISTING TO REMAIN	96	464	1	333
	XP1 HS N	1	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-THET-HSES	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	96	313	1	333
	XP1 R	8	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	333
	XP1 XRM	3	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	333
	XP2 180 N	3	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-UNE	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	885
	XP2 180 XRM	7	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	885
	XP2 XRM	1	RAB LIGHTING INC.	ALBET130FD10 - ALBET130FD10P1 - WPL1301130FD10P1 - WPL1301130FD10P1 (TYPE II)	CAST FINISHED METAL HOUSING, 4 CHP CN BOARD LIGHT EMISSION SOURCE, MOLDED PLASTIC PROTECTION OVER SPECULAR FINISH CLEAR GLASS LENS IN CAST BRONZE PAINTED METAL FRAME.	4	9182	1	728.6
	XP2 2 90H S R	7	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-THET-HSES	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	96	313	1	885
	XP2 90 R	2	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-THET-HSES	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	96	313	1	665
	XP3 R	3	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	889
	XP4 R	1	COOPER LIGHTING SOLUTIONS - INGRAVE-EDISON (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 400K, 100W, LIGHTSQUARES WITH 16 LENSES EACH AND TYPE V INDE OPTICS	96	464	1	1332
	WJ N	7	Ultimate Lighting	DSWGLD-100-1000 40K TFM 125277	DSWGLD WITH 2 LIGHT ENGINES, 20 LEDS, 100W DRIVER, 1000K LED, TYPE FORWARD THROW MEDIUM OPTIC	1	7593	1	73
	WJ R	13	Ultimate Lighting	DSWGLD-205-1000 40K TFM 125277	DSWGLD WITH 2 LIGHT ENGINES, 20 LEDS, 100W DRIVER, 1000K LED, TYPE FORWARD THROW MEDIUM OPTIC	1	7593	1	73
	XWP R	1	Valance Lighting LLC	BL3-K-8-16-40K-40-14W	37 in L x 26 in W x 8 in H LED LUMINAIRE	1	73141	1	505
	XWD	14	Valance Lighting LLC	LEDN-11-17-18-0-3-4K-	20 in D x 17.5 in H LED LUMINAIRE	1	7791	1	54

	XF XRM		10	RAB Lighting Inc.	DR3K-IR-03512075	1	1173	1	15,354	
	XD XRM		5	RAB LIGHTING INC. RC LIGHTING	BLED14IN_BLED14AND10_HIP SQUARE BOLLARDS,VIBLED AND 10	EXTRUDED BROWN PAINTED SQUARE METAL LOWER HOUSING, CAST METAL TOP, CAST FINISHED METAL, REAR BUSH WITH WHITE PAINTED 1/2 INCH ROUNDED CORNERS, 1/2 INCH PROTECTOR WITH WHITE CORNER GUARDERS, 3 CLEARING 4 OPTICAL COMPARTMENTS, 3 OPTICAL COMPARTMENT CONTAINS 1 WHITE CIRCUIT BOARD WITH 1 LEDS, FROSTED PLASTIC LENS, CAST BROWN PAINTED METAL BOTTOM	15	127	1	17.4
	XWP 1 R		5	Lithonia Lighting	DSXWV1 LED ZDC 538 40K TTFM 120277	DSXWV1 LED WITH 22 15 LED LIGHT ENGINES, TYPE TTFM OPTIC, 4000K, @ 500mA	1	4360	1	34.9
	BB XRM		21	Lithonia Lighting	DSXWV1 LED ZDC 538 40K TTFM 120277	DSXWV1 LED WITH 22 15 LED LIGHT ENGINES, TYPE TTFM OPTIC, 4000K, @ 500mA	1	4360	1	34.9
	XWP N		1	Valuelux Lighting LLC	BL3X1-0-T4-05L-4C6-1N/V	37" H x L x 28" W x d in H LED LUMINAIRE	1	73141	1	508
	BB R		5	Lithonia Lighting	DSXWV1 LED ZDC 538 40K TTFM 120277	DSXWV1 LED WITH 22 15 LED LIGHT ENGINES, TYPE TTFM OPTIC, 4000K, @ 500mA	1	4360	1	34.9
	XP2 R		4	COOPER LIGHTING SOLUTIONS - MAGROW-LEDICON (FORMERLY EATON)	GLEDON-SAIC-740-U-2WD	GALLEON AREA AND ROADWAY LUMINAIRE 70 TO 200, 4000K, 1000mA, LIGHTS/GARNES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS	90	464	1	555
	XP3 N		2	COOPER LIGHTING SOLUTIONS - MAGROW-LEDICON (FORMERLY EATON)	GLEDON-SAIC-740-U-2WD	GALLEON AREA AND ROADWAY LUMINAIRE 70 TO 200, 4000K, 1000mA, LIGHTS/GARNES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS	96	464	1	589
	XWP		4	Valuelux Lighting LLC	BL3X1-0-T4-05L-4C6-1N/V	37" H x L x 27" W x d in H LED LUMINAIRE	1	61039	1	455



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: 4-22-22 REG. #: 25509
SIGNED: David S. Hove
DAVID S. HOVE

DRAWN BY: K. KUEHN
CHECKED BY: M. KEYS
DATE: 4-8-22

[illegible]

VALLEY WEST SHOPPING CENTER
SITE RELIGHTING
FRANCE AVENUE S & W OLD SHAKOPEE
BLOOMINGTON MN

LIGHT FIXTURE SCHEDULES

SCALE: 1"=50'-0"

E062

