



THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS REGULATED BY LOCAL ORDINANCES

NOTE:
-ALL AREA LIGHTS ON NEW 15 FT. POLE MOUNTED ON 3 FT. CONCRETE BASE

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES						
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN	
PAVED AREA	5.54	16.3	1.0	5.54	16.30	
UNDEFINED	0.81	17.9	0.0	N.A.	N.A.	
UNDER CANOPY	49.67	61	31	1.60	1.97	

LUMINAIRE LOCATION SUMMARY			LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.	LUM NO.	LABEL	MTG. HT.
1	A3	18	46	L	12
2	A3	18	47	L	12
3	A3	18	48	L	12
4	A3B	18	49	SF	18.5
5	A3B	18	50	SF	18.5
6	A3B	18	51	SF	18.5
7	A3B	18	52	SF	18.5
8	A3B	18	53	SF	18.5
9	A4B	18	54	SF	18.5
10	A4B	18	55	SF	18.5
11	A4B	18	56	SF	18.5
12	A4B	18	57	SF	18.5
13	A4B	18	58	SF	18.5
14	CAN	15.5	59	SF	18.5
15	CAN	15.5	60	SF	18.5
16	CAN	15.5	61	SF	18.5
17	CAN	15.5	62	SF	18.5
18	CAN	15.5	63	SF02	18.5
19	CAN	15.5	64	SF02	18.5
20	CAN	15.5	65	SF04	18.5
21	CAN	15.5	66	SF04	18.5
22	CAN	15.5	67	SF04	18.5
23	CAN	15.5	68	SF12	18.5
24	CAN	15.5	69	SF12	18.5
25	CAN	15.5	70	SF12	18.5
26	CAN	15.5	71	SF12	18.5
27	CAN	15.5	72	SF12	18.5
28	CAN	15.5	73	SF12	18.5
29	CAN	15.5	74	SF12	18.5
30	CAN	15.5	75	SF12	18.5
31	CAN	15.5	76	SF12	18.5
32	CAN	15.5	77	SF12	18.5
33	CAN	15.5	78	SF12	18.5
34	CAN	15.5	79	SF12	18.5
35	CAN	15.5	80	SF12	18.5
36	CAN	15.5	81	WP	14.5
37	CAN	15.5	82	WP	14.5
38	L	12	83	WP	14.5
39	L	12	84	WP	14.5
40	L	12	85	WP	14.5
41	L	12	86	WP	14.5
42	L	12	87	WP	14.5
43	L	12	88	WP	14.5
44	L	12	89	WP	14.5
45	L	12			

LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE		LUMINAIRE SCHEDULE	
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATINGS	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER
[Symbol]	3	A3	Single	17202	1.040	B5-U0-G3	114.07	342.21	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA FAO	114.07	342.21	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA FAO	114.07	342.21	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA FAO	114.07	342.21	Lithonia Lighting
[Symbol]	5	A3B	Single	12072	1.040	B1-U0-G2	114.07	570.35	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA HS FAO	114.07	570.35	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA HS FAO	114.07	570.35	Lithonia Lighting	RSX2 LED P2 50K R3 MVOLT SPA HS FAO	114.07	570.35	Lithonia Lighting
[Symbol]	5	A4B	Single	11790	1.040	B1-U0-G3	114.07	570.35	Lithonia Lighting	XPCNY LED AL02-13L SWW2-50K FPCL MVOLT DWHXD M3	114.07	570.35	Lithonia Lighting	XPCNY LED AL02-13L SWW2-50K FPCL MVOLT DWHXD M3	114.07	570.35	Lithonia Lighting	XPCNY LED AL02-13L SWW2-50K FPCL MVOLT DWHXD M3	114.07	570.35	Lithonia Lighting
[Symbol]	24	CAN	Single	14198	1.040	N.A.	91.38	2193.12	Lithonia Lighting	LB86 AL02 20LM SWW1 (4000K) AR LSS MWD 90CRI WL	91.38	2193.12	Lithonia Lighting	LB86 AL02 20LM SWW1 (4000K) AR LSS MWD 90CRI WL	91.38	2193.12	Lithonia Lighting	LB86 AL02 20LM SWW1 (4000K) AR LSS MWD 90CRI WL	91.38	2193.12	Lithonia Lighting
[Symbol]	11	L	SINGLE	2238	1.040	N.A.	25.15	276.65	Lithonia Lighting	PL-OP2-PD324-P-NW	25.15	276.65	Lithonia Lighting	PL-OP2-PD324-P-NW	25.15	276.65	Lithonia Lighting	PL-OP2-PD324-P-NW	25.15	276.65	Lithonia Lighting
[Symbol]	14	SF	Single	110	1.000	N.A.	1.04	14.56	P-LED	PL-OP2-PD324-P-NW	1.04	14.56	P-LED	PL-OP2-PD324-P-NW	1.04	14.56	P-LED	PL-OP2-PD324-P-NW	1.04	14.56	P-LED
[Symbol]	2	SF02	SF 2FT	110	1.000	N.A.	1.04	16.64	P-LED	PL-OP2-PD324-P-NW	1.04	16.64	P-LED	PL-OP2-PD324-P-NW	1.04	16.64	P-LED	PL-OP2-PD324-P-NW	1.04	16.64	P-LED
[Symbol]	3	SF04	SF 4FT	110	1.000	N.A.	1.04	43.68	P-LED	PL-OP2-PD324-P-NW	1.04	43.68	P-LED	PL-OP2-PD324-P-NW	1.04	43.68	P-LED	PL-OP2-PD324-P-NW	1.04	43.68	P-LED
[Symbol]	13	SF12	SF 12FT_1	110	1.000	N.A.	1.04	594.88	P-LED	PL-OP2-PD324-P-NW	1.04	594.88	P-LED	PL-OP2-PD324-P-NW	1.04	594.88	P-LED	PL-OP2-PD324-P-NW	1.04	594.88	P-LED
[Symbol]	9	WP	SINGLE	6659	1.040	B1-U0-G1	51.2609	461.348	Lithonia Lighting	ARC2 LED P5 50K MVOLT	51.2609	461.348	Lithonia Lighting	ARC2 LED P5 50K MVOLT	51.2609	461.348	Lithonia Lighting	ARC2 LED P5 50K MVOLT	51.2609	461.348	Lithonia Lighting

PHOTOMETRIC PLAN

BROOKINGS, SD

C140

PROJECT NAME: CIRCLE K/HOLIDAY BROOKINGS, SD
DRAWING NUMBER: RL-9814-S1-R1
DATE: 9/25/24
DWG SIZE: D

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REV. BY DATE
R1 JSJ 9/25/24
DESCRIPTION: REVISE PER UPDATED SITE PLAN, SLIGHT CHANGE IN 2ND DRIVE ENTRANCE