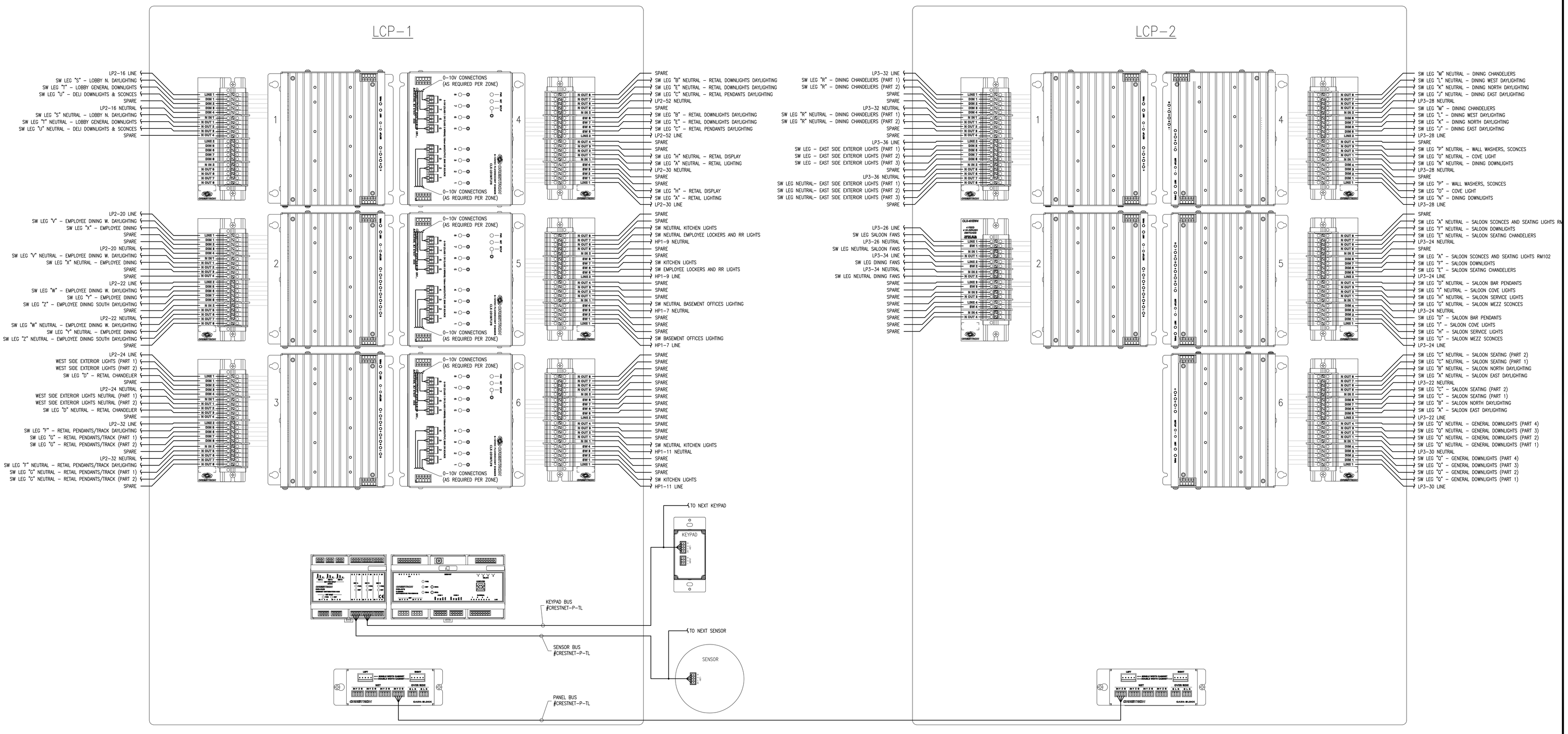

LCP-1

Module	Channel	Circuit	Voltage (V)	Load (W)	Type	SW Leg	Description
1	1	LP2-16	120	476	LINE VOLTAGE DIMMING	S	LOBBY NORTH DAYLIGHTING
1	2		120	348	LINE VOLTAGE DIMMING	T	LOBBY GENERAL DOWNLIGHTS
1	3		120	388	LINE VOLTAGE DIMMING	U	DELI DOWNLIGHTS SCONCES
1	4		120	0	LINE VOLTAGE DIMMING		SPARE
1	5	NOT USED					NOT USED
1	6						NOT USED
1	7						NOT USED
1	8						NOT USED
2	1	LP2-20	120	305	LINE VOLTAGE DIMMING	V	EMPLOYEE DINING WEST DAYLIGHTING
2	2		120	443	LINE VOLTAGE DIMMING	X	EMPLOYEE DINING
2	3		120	0	LINE VOLTAGE DIMMING		SPARE
2	4		120	0	LINE VOLTAGE DIMMING		SPARE
2	5	LP2-22	120	233	LINE VOLTAGE DIMMING	W	EMPLOYEE DINING WEST DAYLIGHTING
2	6		120	362	LINE VOLTAGE DIMMING	Y	EMPLOYEE DINING
2	7		120	189	LINE VOLTAGE DIMMING	Z	EMPLOYEE DINING SOUTH DAYLIGHTING
2	8		120	0	LINE VOLTAGE DIMMING		SPARE
3	1	LP2-24	120	368	LINE VOLTAGE DIMMING		WEST SIDE EXTERIOR (PART 1)
3	2		120	392	LINE VOLTAGE DIMMING		WEST SIDE EXTERIOR (PART 2)
3	3		120	120	LINE VOLTAGE DIMMING	D	RETAIL CHANDELIER
3	4		120	0	LINE VOLTAGE DIMMING		SPARE
3	5	LP2-32	120	180	LINE VOLTAGE DIMMING	F	RETAIL PENDANTS / TRACK DAYLIGHTING
3	6		120	360	LINE VOLTAGE DIMMING	G	RETAIL PENDANTS / TRACK LIGHTING (PART 1)
3	7		120	360	LINE VOLTAGE DIMMING	G	RETAIL PENDANTS / TRACK LIGHTING (PART 2)
3	8		120	0	LINE VOLTAGE DIMMING		SPARE
4	1	LP2-30	120	1170	0-10V	A	RETAIL
4	2		120	195	0-10V	H	RETAIL DISPLAY
4	3		120	0	0-10V		SPARE
4	4		120	0	0-10V		SPARE
4	5	LP2-52	120	90	0-10V	C	RETAIL PENANTS
4	6		120	336	0-10V	E	RETAIL DOWNLIGHTS DAYLIGHTING
4	7		120	112	0-10V	B	RETAIL DOWNLIGHTS DAYLIGHTING
4	8		120	0	0-10V		SPARE
5	1	HP1-7	277	3093	0-10V		BASEMENT OFFICES
5	2		277	0	0-10V		SPARE
5	3		277	0	0-10V		SPARE
5	4		277	0	0-10V		SPARE
5	5	HP1-9	277	2079	0-10V		EMPLOYEE LOCKERS, RR
5	6		277	2078	0-10V		KITCHEN LIGHTS
5	7		277	0	0-10V		SPARE
5	8		277	0	0-10V		SPARE
6	1	HP1-11	277	4215	0-10V		KITCHEN LIGHTS
6	2		277	0	0-10V		SPARE
6	3		277	0	0-10V		SPARE
6	4		277	0	0-10V		SPARE
6	5	SPARE	277	0	0-10V		SPARE
6	6		277	0	0-10V		SPARE
6	7		277	0	0-10V		SPARE
6	8		277	0	0-10V		SPARE

LCP-2

Module	Channel	Circuit	Voltage (V)	Load (W)	Type	SW Leg	Description
1	1	LP3-32	120	340	LINE VOLTAGE DIMMING	R	DINING CHANDELIERS (PART 1)
1	2		120	340	LINE VOLTAGE DIMMING	R	DINING CHANDELIERS (PART 2)
1	3		120	0	LINE VOLTAGE DIMMING		SPARE
1	4		120	0	LINE VOLTAGE DIMMING		SPARE
1	5	LP3-36	120	268	LINE VOLTAGE DIMMING		EAST SIDE EXTERIOR BLUILDING LIGHTS (PART 1)
1	6		120	307	LINE VOLTAGE DIMMING		EAST SIDE EXTERIOR MARKET LIGHTS (PART 2)
1	7		120	307	LINE VOLTAGE DIMMING		EAST SIDE EXTERIOR MARKET LIGHTS (PART 3)
1	8		120	0	LINE VOLTAGE DIMMING		SPARE
2	1	LP3-26	120	468	HIGH RUSH SWITCH		SALOON FAN
2	2	LP3-34	120	624	HIGH RUSH SWITCH		DINING FANS
2	3	SPARE	120	0	HIGH RUSH SWITCH		SPARE
2	4	SPARE	120	0	HIGH RUSH SWITCH		SPARE
2	5	NOT USED					NOT USED
2	6						NOT USED
2	7						NOT USED
2	8						NOT USED
3	1	NA					BLANK
3	2						BLANK
3	3						BLANK
3	4						BLANK
3	5	NA					BLANK
3	6						BLANK
3	7						BLANK
3	8						BLANK
4	1	LP3-28	120	400	LINE VOLTAGE DIMMING	N	DINING DOWNLIGHTS
4	2		120	318	LINE VOLTAGE DIMMING	O	COVE LIGHT
4	3		120	361	LINE VOLTAGE DIMMING	P	DINING WALL WASH AND SCONCE
4	4		120	0	LINE VOLTAGE DIMMING		SPARE
4	5	LP3-28	120	109	LINE VOLTAGE DIMMING	J	DINING EAST DAYLIGHTING
4	6		120	205	LINE VOLTAGE DIMMING	K	DINING NORTH DAYLIGHTING
4	7		120	83	LINE VOLTAGE DIMMING	L	DINING WEST DAYLIGHTING
4	8		120	400	LINE VOLTAGE DIMMING	M	DINING CHANDELIERS
5	1	LP3-24	120	91	LINE VOLTAGE DIMMING	G	SALOON MEZZ SCONCES
5	2		120	374	LINE VOLTAGE DIMMING	H	SALOON SERVICE LIGHTS
5	3		120	113	LINE VOLTAGE DIMMING	I	SALOON COVE LIGHTS
5	4		120	196	LINE VOLTAGE DIMMING	D	SALOON BAR PENDANTS
5	5	LP3-24	120	259	LINE VOLTAGE DIMMING	E	SALOON SEATING CHANDELIERS
5	6		120	440	LINE VOLTAGE DIMMING	F	SALOON MEZZ DOWNLIGHTS
5	7		120	169	LINE VOLTAGE DIMMING	A	SALOON SCONCES AND SEATING LIGHTS RM102
5	8		120	0	LINE VOLTAGE DIMMING		SPARE
6	1	LP3-30	120	390	LINE VOLTAGE DIMMING	Q	DINING GENERAL DOWNLIGHTS (PART 1)
6	2		120	390	LINE VOLTAGE DIMMING	Q	DINING GENERAL DOWNLIGHTS (PART 2)
6	3		120	390	LINE VOLTAGE DIMMING	Q	DINING GENERAL DOWNLIGHTS (PART 3)
6	4		120	390	LINE VOLTAGE DIMMING	Q	DINING GENERAL DOWNLIGHTS (PART 4)
6	5	LP3-22	120	480	LINE VOLTAGE DIMMING	A	SALOON EAST DAYLIGHTING
6	6		120	474	LINE VOLTAGE DIMMING	B	SALOON NORTH DAYLIGHTING
6	7		120	300	LINE VOLTAGE DIMMING	C	SALOON SEATING DOWNLIGHTS (PART 1)
6	8		120	300	LINE VOLTAGE DIMMING	C	SALOON SEATING DOWNLIGHTS (PART 2)

SYSTEM NOTES:
1. DO NOT MIX ELV AND MLV LOADS ON SAME DIMMER CHANNEL.
2. ALL DIMMED LEGS MUST HAVE A DEDICATED NEUTRAL, DO NO SHARE NEUTRAL WIRES.
3. DIMMER CHANNELS SHALL NOT EXCEED 4 AMPS (OR 480W). SEPARATE LINE AND NEUTRAL CONDUCTORS ARE REQUIRED BETWEEN THE FIXTURES AND THE DIMMER CHANNELS IN SOME SCENARIOS TO ACHIEVE < 4 AMPS.
4. SWITCHING MODULES SHALL NOT EXCEED 16 AMPS PER CHANNEL.
5. DO NOT APPLY POWER TO ANY SYSTEM COMPONENTS WITHOUT CONSENT OF VOLTA SYSTEMS GROUP.
6. ALL WIRING SHALL BE LABELED AND RECORDING DRAWINGS PROVIDED BEFORE COMMISSIONING.
6. ELECTRICAL CONTRACTOR CONNECTIONS SHOWN BOLD.

GENERAL NOTES:
1. IT IS THE ENGINEER OF RECORD'S RESPONSIBILITY TO CONFIRM CIRCUITS ARE NOT OVERLOADED PER THE LCP SCHEDULES. IT HAS BEEN NOTED THERE ARE LIGHTING CIRCUITS FROM PANEL LP2 & LP3 THAT ARE SEVERELY OVERLOADED.
2. 0-10V DIMMING ZONES IN BACK OF HOUSE AND RESTROOM AREAS HAVE NOT BEEN CLEARLY DEFINED. A 0-10V SHALL BE RAN TO EACH ZONE THAT REQUIRES SEPARATE OR DEMAND DIMMING.

NO.	REVISION	DATE
0	CONSTRUCTION	05-15-18

VOLTA SYSTEMS GROUP
ELECTRICAL CONTRACTORS AND ENGINEERS
3399 W OQUENDO RD. LAS VEGAS, NV 89118

FURNACE CREEK
TOO MANY AMPS

DATE	SCALE	DWG. NO.
05-05-2018	1:2	DIM-1
BY: VSG	JOB NO. 218048	