	ELECTRICAL LEGEND LIGHTING			VOLTAGE PHASE/WIRE PANEL MAINS MCCB SIZE OR MLO	277 / 480 3 / 4 225A 200A MCCB		EXISTING PANEL				AIC RATING DOUBLE LUGS ES ISOLATED GROUNI NOTES:	D BUS		
\$ _{LV} ,	LIGHT SWITCH — SINGLE POLE, 120 VOLT OR 347 VOLT AS REQUIRED. 'LV' DENOTES COMPATIBLE LOW VOLTAGE SWITCH			MOUNTING TYPE	SURFACE	_			T	T				_
þ	DIMMER SWITCH W/ ON/OFF CONFIRM DIMMER COMPATIBILITY PRIOR TO ORDER.	NO.	ZONE	LOAD DESCRIPTION	BKR BKR SIZE OPT			ACTUAL KW		BKR SIZE	LOAD DESCRIPTION	ZONE	NO.	
	ACUITY NPODM-DX. CEILING/SUSPENDED OCCUPANCY SENSOR C/W POWER PACK	3		SPARE (E)	20/1		A B				PARE (E)		4	_
<u>(S)</u> (S)	WATTSTOPPER DT-305 DUAL TECH CEILING SENSOR W/ BZ-250 POWER PACK. WALL MOUNTED OCCUPANCY SENSOR	7		SPARE (E) SPARE (E)	20/1		C A						8	_
,D,	SENSOR SWITCH # WSX-PDT OR EQUAL. SET TO AUTO ON/AUTO OFF W/ 10 MINUTE OFF DELAY. 'D' DENOTES WSD-PDT 2P FAN.	9		SPARE (E)	20/1		B C						10	
<u>(vs)</u>	DUAL TECH CEILING/SUSPENDED VACANCY SENSOR C/W DIMMING POWER PACK ACUITY NCM-PDT-10 SENSOR. POWER PACK: ACUITY NPP16-D POWER PACK (0-10V), NSP5 PCD-XXX (ELV/MLV). WALL MOUNTED VACANCY SENSOR SET TO MANUAL ON, AUTO OFF W/ 15 MINUTE OFF DELAY.	13 15					A B						14 16	
VS	IN-WALL DIMMER. LEVITON IPSD6-1LZ. CONFIRM DIMMER COMPATIBILITY PRIOR TO ORDER.	17 19					C A						18 20	
	NOTE: CONFIRM COMPATIBILITY OF POWER PACKS/DIMMERS WITH LIGHTING FIXTURES PRIOR TO ORDERING.	21 23					B C						22	-
- 0	FIRE ALARM SYSTEM	25 27					A B						26 28	-
• •	HEAT DETECTOR — CEILING OR WALL MOUNTED COMBINATION RATE OF RISE AND FIXED 57 DEGREE C.	29 31				7.357	C A						30 32	-
₽ ♀ Ө┉	SMOKE DETECTOR — CEILING, WALL, OR DUCT MOUNTED.	33		RTU-2 (E) (NOTE 4)	35/3	7.357	В						34 36	
	FIRE ALARM PULLSTATION.	37		DTILL (NOTE A)	25/2/5	8.047	A	10.148		CO(2 (E) 4	FIGUR TV (F)		38	_
₩	FIRE ALARM STROBE. 15cd UNO.	39 41		RTU-1 (NOTE 4)	35/3 (E)	8.047 8.047	С	10.231 10.616		60/3 (E) 4	5KVA TX (E)		40	_
S	FIRE ALARM SPEAKER		NOTES:								TOTAL CON			
Ä	FIRE ALARM SPEAKER/STROBE		2. BALA	'IDE NEW BREAKERS AS REQUIRED NCE LOAD TO WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSE:	EACH PHASE							MPS KV 92.25 25.55		
*	HORN/STROBE COMBINATION FIRE ALARM DEVICE.		DRAWIN							GS		92.55 25.63 93.94 26.02		
8	FIRE ALARM AUDIBLE DEVICE		4. 00111	TO COM IN THE BREAKE	TOILE AT EXIO	TIIVO EOND T	IND OF BITT	L NO BOILT		00.	TOTAL 9	92.87 77.20	07	
	POWER			VOLTAGE	120 / 208					_	AIC RATING			1
	WALL MOUNTED DUPLEX RECEPTACLE. (15A,1P, 120V UNLESS OTHERWISE NOTED).	1		PHASE/WIRE PANEL MAINS	3 / 4 225A	_	EXISTING PANEL				DOUBLE LUGS 'ES ISOLATED GROUNI	D BUS		
~ -	'GFI' DENOTES GROUND FAULT CIRCUIT INTERRUPTER TYPE 'IG' DENOTES ISOLATED GROUND TYPE, PROVIDE SEPARATE NEUTRAL AND GROUND			MCCB SIZE OR MLO MOUNTING TYPE	150A MCCB SURFACE	_				_	NOTES:			-
⊕ GFI C CH	'C' DENOTES CEILING MOUNTED 'CH' DENOTES COUNTER HEIGHT 'USB' DENOTES USB CHARGER DUPLEX. HUBBELL MODEL #USB15X. COLOUR OF RECEPTACLE TO MATCH ADJACENT	ССТ	7011-		BKR BKR	ACTUA	PHASE	ACTUA	BKR	DND		ZONE	ССТ	4
ÜSB	ELECTRICAL DEVICES.	NO.	ZONE	LOAD DESCRIPTION	SIZE OPT	KW		KW	OPT	SIZE	LOAD DESCRIPTION	ZONE	NO.	4
#	FLOOR/CEILING MOUNTED DUPLEX OUTLET AS SHOWN ON DRAWING	3		BACKWRAP OUTLETS BACKWRAP OUTLETS	20/1	0.540 0.360	A B	0.100 0.900		20/1 R	ENSORMATIC RECEIVING DESK		4	_
P	WALL MOUNTED DUPLEX RECEPTACLE ON DEDICATED CIRCUIT. EACH DEDICATED CIRCUIT TO HAVE A SEPARATE NEUTRAL RUN DIRECTLY BACK TO PANELBOARD.	5 7		CASH OUTLET IG SPARE	20/1	0.540	C A			20/1 S 20/1 S			6 8	_
#	WALL MOUNTED QUAD RECEPTACLE. (15A,1P,120V UNLESS OTHERWISE NOTED).	9		CASH OUTLET IG BOH CONVENIENCE RECEPTS.	20/1	0.540 0.540	В	0.200 0.400		20/1 B	48 E. 22 CO. V.	CEP	10	
\Delta	SINGLE PHASE DIRECT CONNECTION OUTLET. (HARDWIRE DIRECT CONNECTION TO EQUIPMENT TERMINALS).	13		SPARE	20/1	0.040	Α	1.400		20/1 H	IAND DRYER		14	
(a)	THREE PHASE DIRECT CONNECTION OUTLET. (HARDWIRE DIRECT CONNECTION TO EQUIPMENT TERMINALS).	15 17		WH-1	20/2	1.500	B C	0.540			ASH OUTLET IG		16 18	_
	DISCONNECT SWITCH.	19 21		WH-2	30/1	1.500 2.400	A B	0.740 0.360	LO		PRINKING FOUNTAINS IETWORK RECEPTACLE		20	-
		23 25		BOTTLE FILLER CHILLER	20/1	0.500	C	0.360 0.360			IETWORK RECEPTACLE		24 26	
J	JUNCTION BOX	27		FRIDGE MICROWAVE	20/1	0.600	В	0.360 0.740		20/1 T	ELEPHONE BOARD RECEPTA IANAGER'S DESK OUTLET IG		28	_
<u> </u>	CEILING MOUNTED JUNCTION BOX	31		STAFF ROOM COUNTER OUTLET	20/1	0.360	Α	0.360		20/1 N	IANAGER'S DESK OUTLET IG		30 32	
8	PUSH BUTTON FOR BUZZER	33 35		STAFF ROOM COUNTER OUTLET SALES CONVENIENCE RECEPTS.	20/1	0.360 0.720	B C	0.360 0.500			MANAGER'S DESK OUTLET IG ONE DAMPER		34 36	
•	BUZZER	37 39		SALES CONVENIENCE RECEPTS.	20/1	0.540	A B	3.748 3.791		60/3 P	'ANEL 'L'		38 40	-
VΦ	FLOOR/CEILING MOUNTED DATA AND POWER OUTLET AS SHOWN ON DRAWINGS.	41		PANEL OUTLET	20/1	0.180	С	3.596					42	-
	DOOR RELEASE PUSHBUTTON ILLUMINATED PUSH TO LOCK BUTTON (LOCKED WHEN RED, UNLOCKED WHEN GREEN) ILLUMINATED PUSH PLATE (OCCUPIED WHEN RED, VACANT WHEN GREEN)			VOLTAGE PHASE/WIRE	120 / 208		NEW				TOTAL 8 OKA AIC RATING OOUBLE LUGS	38.47 10.61 36.04 30.99		
0				DANIEL MARKO	3 / 4	_	D v r				IO ISOLATED GROUNI			
© E	EMERGENCY PUSH BUTTON C/W DISPLAY & SOUNDER			PANEL MAINS MCCB SIZE OR MLO	100A MLO	_ _ _	PANEL	L			NOTES:	D BUS		_
	EMERGENCY PUSH BUTTON C/W DISPLAY & SOUNDER ELECTRIC STRIKE				100A	_ _ _ _	PANEL	. L			NOTES:	DBOS		
E	· · · · · · · · · · · · · · · · · · ·	CCT NO.	ZONE	MCCB SIZE OR MLO MOUNTING TYPE	100A MLO	ACTUAL			BKR OPT	BKR	LOAD DESCRIPTION		CCT NO.	
E	ELECTRIC STRIKE		ZONE	MCCB SIZE OR MLO MOUNTING TYPE	100A MLO SURFACE BKR BKR	ACTUAL		ACTUAL		BKR SIZE	LOAD DESCRIPTION			- -
	ELECTRIC STRIKE DOOR CONTACT	NO.	ZONE C1 C1	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO	ACTUAL KW 0.050	PHASE A	ACTUAL KW		BKR SIZE 20/1 S 20/1 S 20/1 S	LOAD DESCRIPTION	ZONE	NO .	- - - -
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL	NO. 1 3 5 7 9	C1 C1 C1	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900	PHASE A B C A B	ACTUAL KW 0.600 0.600 1.184 0.300		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N	LOAD DESCRIPTION GIGNAGE FPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GEON LIKE BRAND ELEMENT	ZONE C5 C5 C4 C2	NO. 2 4 6 8 10	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE	NO. 1 3 5 7 9 11 13	C1 C1 C1 C1	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600	PHASE A B C A B C A	ACTUAL KW 0.600 0.600 1.184		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION SIGNAGE SPARE SIGNAGE STOREFRONT LTG/RECEPTS.	ZONE C5 C5 C4	NO. 2 4 6 8 10 12	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD	NO. 1 3 5 7 9 11 13 15 17	C1 C1 C1 C1 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600	PHASE A B C A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD	NO. 1 3 5 7 9 11 13 15 17 19 21	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833	PHASE A B C A B C A B C A B C A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD	NO. 1 3 5 7 9 11 13 15 17 19	C1 C1 C1 C1 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814	PHASE A B C A B C A B C A A A A	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833	PHASE A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743	PHASE A B C A B C A B C A B C A B C A A A A	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743	PHASE A B C A B C A B C A B C A B C A B C A B C A B C C A B C C A C C C C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743	PHASE A B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C1 C3 C3 C3 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743	PHASE A B C A B C A B C A B C A B C A B C A B C A A B C A A A A	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GRANE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE	C5 C5 C4 C2 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38	
E	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743	PHASE A B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600		BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAGE GIGNAGE GIGNAGE GIGNAGE GIGNAGE GIGNAGE GIGNAGE GIGNAGE TOTAL CON	ZONE C5 C5 C4 C2 C5 C5 C5 C5 C5 C5 C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42	
E	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C1 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200	PHASE A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C C C	ACTUAL KW 0.600 1.184 0.300 0.600 0.600	OPT	BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48	TRANS
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©	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C1 C3	MCCB SIZE OR MLO MOUNTING TYPE LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200	PHASE A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C C C	ACTUAL KW 0.600 1.184 0.300 0.600 0.600	OPT	BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C5 C8 C8 C8 C9 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD DESCRIPTION LIGHTING TRACK LIGHTING TRACK LIGHTING RECEPTACLES COOLING 0
	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200	PHASE A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C C C	ACTUAL KW 0.600 1.184 0.300 0.600 0.600	BUILT	BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 N 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9
E R R/R AFF WP EX	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMP	PHASE A B C B C	ACTUAL KW 0.600 0.600 0.600 0.600	BUILT	BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5
ES DC VC V V ER R/R AFF WP EX C/W	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR IDE NEW BREAKERS AS REQUIRED NCE LOAD TO WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSES IGS. TRICAL LOAD SUMMARY OF THE CONTENT OF THE CONTEN	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMPATE FINAL PARA 22 N.E.	PHASE A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C C C	ACTUAL KW 0.600 0.	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5
E	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING CUP/CONTACTOR TRACK LIGHTING	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMPTE FINAL PARTIES	PHASE A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C C A B C C A B C C A B C C A B C C A B C C A B C C A B C C C C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 235 NOTES:
ES ES ES EC VC V E R ER R/R AFF WP EX C/W CLG	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TIDE NEW BREAKERS AS REQUIRED NCE LOAD TO WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSES IGS. TRICAL LOAD SUMMARY ACTURAL CONNECTED KW/KVA NG 3.909 TING *** CLES 9.420 IGG 43.148 IGG 43.148 IGG 43.148 IGG 43.73 IGG 44.178	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMPTE FINAL PARTIES	PHASE A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING TRACK LIGHTING RECEPTACLES COOLING HEATING WATER HEATER MISCELLANEOUS 5 NOTES:
ES ES ES ES ES ES VC V	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TO WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSES IGS. TRICAL LOAD SUMMARY ACTURAL CONNECTED KW/KVA ACTURAL CONNECTED KW/KW/KW/KW/KW/KW/KW/KW/K	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMPTE FINAL PARTIES	PHASE A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S 20/1 S 20/1 S 20/1 S 20/1 S 20/1 S 20/1 S E.C. DEMAR KW 4.886 5.640 9.420 44.769	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 NOTES: K TRANSFOR
E E E R E R R/R AFF WP EX C/W CLG	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LIGHTING CONTROL AND SINGLE LINE DIAGRAM ELECTRICAL POWER PLAN	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING TRA	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 0.600 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARENTE	PHASE A B C	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 225 NOTES: K TRANSFOR
E	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LIGHTING CONTROL AND SINGLE LINE DAGRAM ELECTRICAL LIGHTING PLAN	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR FITTION ON WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSES JICS TRICAL LOAD SUMMARY ON ACTURAL CONNECTED KW/KVA NG 3.909 TING *** 3.866 CLES 9.420 JIGS 43.148 JIGG 43.148 JIGG 43.148 JIGG 18.373 JIATER 5.400 JISON WITHIN TO THE POSES JICS 1.340 JICS 1.341 JICS 1.340 JICS 1.340 JICS 1.340 JICS 1.340 JICS 1.340 JICS 1.341 JICS 1.340 JICS 1.341 JICS 1	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 25 NOTES: K TRANSFOR
E E E R E R AFF WP E X C/W CLG CLG C11 100 120 121 121	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LIGHTING CONTROL AND SINGLE LINE DIAGRAM ELECTRICAL POWER PLAN	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TRICAL LOAD SUMMARY ON ACTURAL CONNECTED KW/KVA MG 3.909 TING *** 3.866 CLES 9.420 MG 43.148 MG 18.373 MATER 5.400 MIROUS 5.340 MIROUS 5.340 MIROUS MIRON TOTAL ** USE GREATER LOAD OF THE TWO CATAGE ** WEC ARTICLE 220-43 REQUIREMENT (200V ** NEC ARTICLE 220-43-(B) EXCEPTION-TOTAL ** USE GREATER LOAD OF THE TWO CATAGE ** NEC ARTICLE 220-43-(B) EXCEPTION-TOTAL ** WEC ARTICLE 220-43-(B) EXCEPTION-TOTAL ** WEC ARTICLE 220-43-(B) EXCEPTION-TOTAL	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 25 NOTES: K TRANSFOR BREAKER OPTIONS LO HANDLE LOCK-ON DEVI LF HANDLE DOCK-OFF DEVI LF HANDLE PADLOCK DEVI ST SHUNT TRIP BREAKER AS POWER LINK AS BREAK GFCI GROUND FAULT CIRCUIT
E ES ES ES VC VC V E R ER R/R AFF WP EX C/W CLG 110 112 1110 1120 1120 1121 1130 11510	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE-GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE-GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LIGHTING CONTROL AND SINGLE LINE DIAGRAM ELECTRICAL LORTING PLAN ELECTRI	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TO BE NEW BREAKERS AS REQUIRED NCE LOAD TO WITHIN 7% BETWEEN JITS ARE FOR GROUPING PURPOSES JITS ARE FOR GROUPING PURPOSES JITS ARE SASTAL CONNECTED KWIKVA NG 3.909 TING *** 3.866 CLES 9.420 JITS ARE 5.400 JITS ARE 5.40	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 22 22 NOTES: K TRANSFOR REAKER OPTIONS LO HANDLE LOCK-ON DEVI LF HANDLE LOCK-OF DEVI PA HANDLE PADLOCK DEVI ST SHUNT TRIP BREAKER AS POWER LINK AS BREAKER AS POWER LINK AS BREAKER GFCI GROUND FAULT CIRCUI HACR HEATING, A/C, & REFR AUX AUXILIARY CONTACTS
E ES DC VC VC V V E R ER R/R AFF WP EX C/W CLG 011 012 110 120 121 130 510 511	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE PINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LIGHTING CONTROL AND SINGLE LINE DAGRAM ELECTRICAL POWER PLAN ELECTRICAL LIGHTING PLAN ELECTRICAL LIGHTING PLAN ELECTRICAL LIGHTING LEGEND ELECTRICAL LIGHT	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TRICAL LOAD SUMMARY ACTURAL CONNECTED KWKVA MG 3.909 TING *** 3.866 CLES 9.420 MG 43.148 MG 18.373 MATER 5.400 MIRROR MI	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD DESCRIPTION LIGHTING TRACK TRANSFOR STANG TRACK TRANSFOR PANEL S BREAKER OPTIONS LO HANDLE LOCK-ON DEVI LF HANDLE LOCK-OFF DEV PA HANDLE LOCK-OFF DEV PA HANDLE PADLOCK DEV ST SHUNT TRIP BREAKER AS POWER LINK AS BREAK GFCI GROUND FAULT CIRCUI HACR HEATING, A/C, & REFR
E ES DC VC V V E R ER R/R AFF WP EX C/W CLG 011 012 110 120 121 130 510 511	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CEILING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LICHTING CONTROL AND SINGLE LINE DIAGRAM ELECTRICAL LICHTING PLAN ELECTRICAL LICHTING LEGEND	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TRICAL LOAD SUMMARY ON ACTURAL CONNECTED KW/KVA NG 3.909 TING *** 3.866 CLES 9.420 NG 43.148 NG 18.373 TATER 5.400 NEOUS 5.340 NE	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 23 25 NOTES: REAKER OPTIONS LO HANDLE LOCK-ON DEVI LF HANDLE LOCK-OFF DEVI PA HANDLE PADLOCK DEVI ST SHUNT TRIP BREAKER AS POWER LINK AS BREAK GFCI GROUND FAULT CIRCUIT HACR HEATING, A/C, & REFR AUX AUXILIARY CONTACTS TS CIRCUIT VIA TIME SWITCE TO SON TO S
E ES DE DE VC VC V V E R ER R/R AFF WP EX C/W CLG E011 E012 E110 E120 E121 E130 E511 E512 E610 E511 E512 E610 E710	ELECTRIC STRIKE DOOR CONTACT AUDIBLE AND VISUAL SIGNAL DEVICE VOLUME CONTROL COMMUNICATIONS SINGLE—GANG WALL MOUNTED VOICE OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG WALL MOUNTED DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD SINGLE—GANG COMBINATION VOICE/DATA OUTLET BOX C/W EMPTY CONDUIT BACK TO TELEPHONE/DATA BACKBOARD TELEPHONE DEMARCATION POINT ABBREVIATIONS EXSTING EXISTING EXISTING TO BE REMOVED AND/OR RELOCATED EXISTING IN RELOCATED POSITION REMOVE AND REINSTALL ABOVE FINISHED FLOOR WEATHER PROOF EXPLOSION PROOF COMPLETE WITH CELLING DRAWING LIST ELECTRICAL PANEL SCHEDULES AND LEGEND LISHTING CONTROL AND SINGLE LINE DAGRAM ELECTRICAL LIGHTING PLAN ELECTRICAL LIGHTING LEGEND ELECTRICAL DETAILS	NO. 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	C1 C1 C1 C3	LOAD DESCRIPTION EXIT SIGNS BOH/WR/OFFICE/EM LIGHTING FITTING ROOM LTG FITTING ROOM MIRRORS COVE LIGHTING COVE LIGHTING TRACK LIGHTING SPARE EF-2 CLP/CONTACTOR TRICAL LOAD SUMMARY ON ACTURAL CONNECTED KW/KVA NG 3.909 TING *** 3.866 CLES 9.420 NG 43.148 NG 18.373 TATER 5.400 NEOUS 5.340 NE	100A MLO SURFACE BKR BKR SIZE OPT 20/1 LO 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	ACTUAL KW 0.050 0.566 0.469 0.500 0.900 1.092 0.384 0.814 0.833 0.743 0.100 0.200 UPON COMFTE FINAL PARE 1.0<10 K 100 CONNECTED) IT LIMITING DEVI	PHASE A B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C A B B C C A B B	ACTUAL KW 0.600 0.600 1.184 0.300 0.600 0.600 V ACTOR OV AINING KW argest	BUILT	BKR SIZE 20/1 S	LOAD DESCRIPTION GIGNAGE GPARE GIGNAGE GTOREFRONT LTG/RECEPTS. GIGNAGE GIGNAG	C5 C4 C2 C5 C5 C5 C8 C8 C8 C9	NO. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 W 48 91 96	TRANS LOAD CONI DESCRIPTION LIGHTING 3 TRACK LIGHTING 5 RECEPTACLES 9 COOLING 0 HEATING 0 WATER HEATER 5 MISCELLANEOUS 5 23 25 NOTES: REAKER OPTIONS LO HANDLE LOCK-ON DEVI LF HANDLE LOCK-OFF DEVI PA HANDLE PADLOCK DEVI ST SHUNT TRIP BREAKER AS POWER LINK AS BREAK GFCI GROUND FAULT CIRCUIT HACR HEATING, A/C, & REFR AUX AUXILIARY CONTACTS TS CIRCUIT VIA TIME SWITCE TO SON TO S

E712 LIGHTING ALLOWANCES

E713 LIGHTING ALLOWANCES

	1 1	- 1		INSTALLED		BILITY SCHEDULE	
DESCRIPTION	N/A	EXIST.	BY	BY	REQUIRED	NOTES	
ELECTRICAL SERVICE / DISTRIBUTION							
MAIN OVERCURRENT DEVICE IN LANDLORD'S ELECTRIC ROOM		•	LLD	LLD			
METER IN LANDLORD'S ELECTRIC ROOM OR TENANT SPACE		•	LLD	LLD		TENANT NEED TO SET UP AN ACCOUNT AND REQUEST A HYDRO METER INSTALLED IN THEIR NAME FOR THE STORE POW	
SERVICE CONDUIT TO TENANT SPACE	+	•	LLD	LLD			
SERVICE FEEDERS TO TENANT SPACE TENANT ELECTRICAL PANELS	+	•	G.C.	G.C.		REUSE EXISTING ELECTRICAL PANELS. PROVIDE NEW PANEL AS SHOWN ON SHEET E012.	
TENANT ELECTRICAL STEP DOWN TRANSFORMER			G.C.	G.C.		THEOSE EXISTING ELECTRICAL PANELS. PROVIDE NEW PANEL AS SHOWN ON SHELL EUTZ.	
CIRCUIT BREAKER LOCKS AND HANDLE TIES			G.C.	G.C.			
MECHANICAL / PLUMBING EQUIPMENT COORDINATION							
HVAC EQUIPMENT - DISCONNECT SWITCH	•						
HVAC EQUIPMENT — WIRING HVAC EQUIPMENT — CONDUIT / PULL STRING	++		G.C.	G.C.	-		
HVAC EQUIPMENT — CONDUIT / PULL STRING HVAC EQUIPMENT — SERVICE RECEPTACLE	+		G.C.	G.C.	-	PROVIDE WEATHERPROOF / GFCI AS REQUIRED	
HVAC THERMOSTAT / SENSOR — JUNCTION BOX			G.C.	G.C.		COORDINATE WITH MECHANICAL CONTRACTOR, JUNCTION BOX NOT REQUIRED FOR BULLET SENSOR	⊣
HVAC THERMOSTAT / SENSOR — CONDUIT / PULL STRING			G.C.	G.C.		COORDINATE WITH MECHANICAL CONTRACTOR	1818 CORNWALL AVE.
GENERAL POWER & LIGHTING EQUIPMENT							VANCOUVER, B.C., V6J1C7
DISCONNECT SWITCHES			G.C.	G.C.			
WIRING	+		G.C.	G.C.	ļ		- SUMMIT FAIR
CONDUIT / PULL STRING JUNCTION BOXES			G.C.	G.C.	1		
RECEPTACLES	+		G.C.	G.C.	1		MALL
SWITCHES	+		G.C.	G.C.			910 NW BLUE PKWY,
LIGHT FIXTURES AND LAMPS			LLL-V	G.C.		REFER TO SHEET A-150 AND E-121	SUITE G, LEE'S SUMMIT
LIGHTING CONTROL SYSTEM COMPONENTS			G.C.	G.C.	•		MO 64086
TRACK LIGHTING CURRENT LIMITING PANEL			LLL-V	G.C.			ARCHITECT
LOW VOLTAGE SYSTEMS							ARCHITECT
TELECOMMUNICATION SERVICE CONDUIT TO TENANT SPACE			G.C.	G.C.			
TELEPHONE - EQUIPMENT	+		LLL-V	LLL-V	ļ		JOEL C. TORIELLI
TELEPHONE — WIRING TELEPHONE — CONDUIT / PULL STRING	++		LLL-V	LLL-V	-	CONDUIT ALWAYS DECLIDED	422 BOGERT AVENUE
NETWORK — EQUIPMENT AND CABINET / RACK	++		G.C. LLL-V	G.C. LLL-V	-	CONDUIT ALWAYS REQUIRED	RIDGEWOOD, NJ 07450
DATA - WIRING	+		LLL-V	LLL-V	 		
DATA — CONDUIT / PULL STRING			G.C.	G.C.			71
AUDIO / VIDEO – EQUIPMENT AND CABINET / RACK			LLL-V	LLL-V/G.C.		SPEAKER PANS & BRIDGES TO BE INSTALLED BY G.C.	」 ├───
AUDIO / VIDEO – WIRING			LLL-V	LLL-V			MEP ENGINEER
AUDIO / VIDEO - CONDUIT / PULL STRING	+		G.C.	G.C.	1	O O TO DROWING ELECTRICAL CURRENT AND COORDINATE WOTH LATION BAG SWIDER BY LLL V (101)	SHANE HAMILTON, P.E.
SECURITY SYSTEM (CCTV & BURGLAR ALARM) — EQUIPMENT SECURITY SYSTEM (CCTV & BURGLAR ALARM) — WIRING	++		LLL-V	G.C.	1	G.C. TO PROVIDE ELECTRICAL SUPPORT AND COORDINATE INSTALLATION — BAS PINPAD BY LLL—V (JCI) G.C. TO PROVIDE ELECTRICAL SUPPORT AND COORDINATE INSTALLATION — BAS WIRING BY LLL—V (SPENCER)	MISSOURI LIC. #2017037504
SECURITY SYSTEM (CCTV & BURGLAR ALARM) — WIRING SECURITY SYSTEM (CCTV & BURGLAR ALARM) — CONDUIT / PULL STRING	+		G.C.	G.C.	-	CONDUIT ALWAYS REQUIRED	Shane R.
ELEC EAS SYSTEM & TRAFFIC COUNTER — EQUIPMENT			LLL-V	LLL-V		TOTAL TENTO TENTO	Hamilton, P.E. Consulting Engineer
SENSORMATIC SYSTEM & TRAFFIC COUNTER — WIRING			LLL-V	LLL-V			Consulting Engineer
SENSORMATIC SYSTEM & TRAFFIC COUNTER — CONDUIT / PULL STRING			G.C.	G.C.			503 E. Jackson St. #241 Tampa, FL 33602 (727) 642–5321
FIRE ALARM SYSTEM — EQUIPMENT			G.C.	G.C.		SYSTEM SHALL TIE INTO LANDLORD'S SYSTEM. COORDINATE REQUIREMENTS WITH LANDLORD	Tampa, 11 33002 (727) 042-3321
FIRE ALARM SYSTEM — WIRING FIRE ALARM SYSTEM — CONDUIT / PULL STRING	++		G.C.	G.C.	-	SYSTEM SHALL TIE INTO LANDLORD'S SYSTEM, COORDINATE REQUIREMENTS WITH LANDLORD	STRUCTURAL ENGINEER
MISCELLANEOUS	+		G.C.	G.C.		SYSTEM SHALL TIE INTO LANDLORD'S SYSTEM. COORDINATE REQUIREMENTS WITH LANDLORD	
CONCRETE SAW CUTTING / CORE DRILLING & PATCHING	++		G.C.	G.C.	1	AS REQUIRED. COORDINATE REQUIREMENTS WITH LANDLORD	-
ELECTRICAL AND TELEPHONE PLYWOOD BACKER BOARDS	+	+	G.C.	G.C.		FIRE RATED, TREATED WOOD, PAINTED TO MATCH WALL FINISH	
RESTROOM HAND DRYER	\Box		LLL-V	G.C.		COORDINATE REQUIREMENTS WITH LANDLORD. REFER TO SHEETS A-130, A-320.	71
							<u> </u>
							THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY ANI
							COPYRIGHT OF ARCHITECT AND SHALL NOT BE USED ON ANY OTHER WORK EXCEPT BY WRITTEN AGREEMENT WITH A
RESPONSIBLE PARTY ABBRIVIATIONS: LLL:LULULEMON): I ANI	DLORD	G.C.:GENE	RAL CONTRA	CTOR LLL-V: LULULEMON VENDOR	DO NOT SCALE BLUEPRINTS. SEAL
NESI ONSIDEL I ANTI ADDINIMATIONS. ELL.LULULLIMON							

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△ DATE DESCRIPTION 07/29/2025 ISSUED FOR CD REVIEW 08/25/2025 ISSUED FOR PERMIT & BID 1 09/16/2025 REVISED PER CITY COMMENTS

TRANSFORMER SIZE 45 KVA PANEL SCHEDULE LEGEND BREAKER OPTIONS

LO HANDLE LOCK-ON DEVICE

LF HANDLE LOCK-OFF DEVICE

PA HANDLE PADLOCK DEVICE

ST SHUNT TRIP BREAKER AS POWER LINK AS BREAKER
GFCI GROUND FAULT CIRCUIT INTERRUPTER BREAKER
HACR HEATING, A/C, & REFRIGERATION RATED BREAKER AUX AUXILIARY CONTACTS

TS CIRCUIT VIA TIME SWITCH

SB SMART BREAKER

TRANSFORMER LOAD SUMMARY

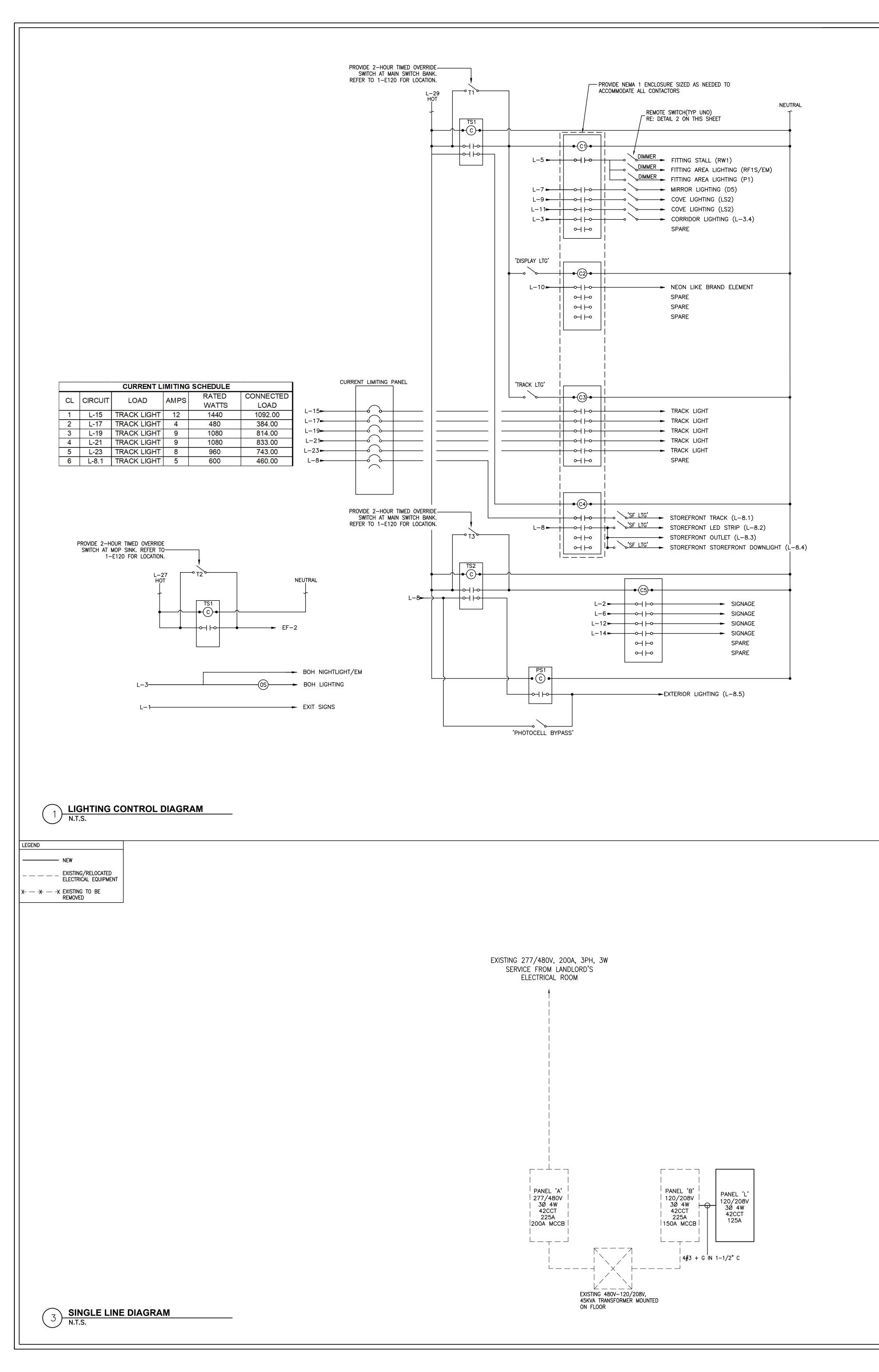
1.0<10 KW + 0.5xREMAINING KW

TOTAL KW TOTAL AMPS

DRAWING INFORMATION PROJECT #: 2412106 CHECKED BY: JG DRAWN BY: SW

ELECTRICAL PANEL SCHEDULES AND LEGEND

DRAWING NUMBER



LIGHTING CONTROL SCHEMATIC NOTES:

- 1 THIS DETAIL IS SCHEMATIC IN NATURE. PROVIDE ALL NECESSARY WIRING, CONDUIT, DEVICES, BOXES, ETC FOR A COMPLETE OPERATING LIGHTING SYSTEM. SEE LIGHTING PLAN FOR LOCATION OF CONTROL EQUIPMENT.
- PROVIDE SQUARE D MODEL #8903 (OR EQUIVALENT) ELECTRICALLY HELD CONTACTOR WITH POLE QUANTITY AS INDICATED.
- PROVIDE TORK MODEL #EWZ201C (DIGITAL, 2 CHANNEL, SPST). COORDINATE TIME SCHEDULE WITH OWNER AND LANDLORD (AS REQUIRED).
- 4 <u>2-HOUR TIMED OVERRIDE / MANUAL ON SWITCH 'T1', 'T2', 'T3'</u> PROVIDE TORK MODEL #SS403 TIME BASED CONTROL TIME SWITCH FOR LIGHTING SYSTEM/EXHAUST FAN OVERRIDE. PROGRAM TIME SWITCH IN THE FIELD TO A 2-HOUR OVERRIDE AND SET TIME SCROLL TO DOWN. LABEL SWITCH IN FIELD (DISPLAY LIGHTING OVERRIDE)/(MOP SINK FAN OVERRIDE)
- 5 <u>CURRENT LIMITING PANEL</u> PROVIDE COOPER GREENGATE TRACKEEPER MODEL #TK16-120-#-S. REFER TO CURRENT LIMITING BREAKER SCHEDULE ON SHEET E-010 FOR CIRCUIT BREAKER

LIGHTING CONTROL TESTING REQUIREMENTS:

PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS.

OCCUPANT SENSOR CONTROLS:

- THE FOLLOWING PROCEDURES SHALL BE PERFORMED:
- 1 CERTIFY THAT THE OCCUPANT SENSOR HAS BEEN LOCATED AND AIMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- 2 EACH SENSOR SHALL BE TESTED.
- FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS. TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED. NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.
- 4 FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING: A WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY
- CORRECT OPERATION. B THE CONTROLLED LIGHTS TURN OFF OR DOWN TO THE PERMITTED LEVEL
- WITHIN THE REQUIRED TIME.
- C FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.
- D FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON ONLY WHEN MANUALLY ACTIVATED.
- E THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.

TIME CLOCK CONTROLS: WHERE TIME CLOCK CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE

- 1 CONFIRM THAT THE TIME CLOCK CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.
- PROVIDE DOCUMENTATION TO THE OWNER OF TIME CLOCK CONTROLS PROGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, AND SET-UP AND PREFERENCE PROGRAM SETTINGS.
- 3 VERIFY THE CORRECT TIME AND DATE IN THE TIME CLOCK.
- 4 VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.
- 5 VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS.
- 6 SIMULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING: A ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA
- B THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH
- THE SWITCH IS LOCATED. C SIMULATE UNOCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
- D NONEXEMPT LIGHTING TURNS OFF.
- E MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT SCHEDULED SHUTOFF OCCURS.

PHOTO SENSOR:

PROVIDE A PHOTOCELL ON ROOF, FACING NORTH FOR EXTERIOR LIGHTING.

DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

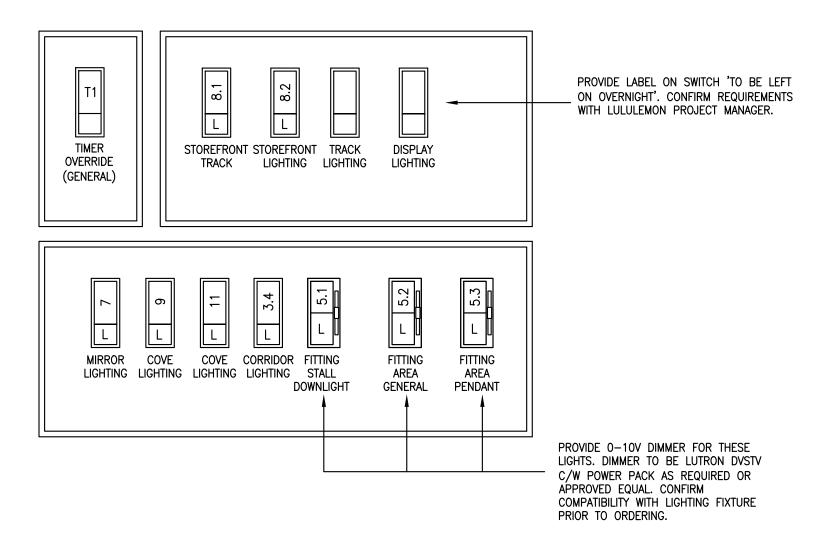
DOCUMENTATION REQUIREMENTS:

DOCUMENTS CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA ARE TO BE PROVIDED TO THE BUILDING OWNER WITHIN 90

LIGHTING SWITCH BANK NOTES:

PRIOR TO ORDERING.

- 1 EACH TOGGLE SWITCH MUST BE LIGHTED TOGGLE TYPE SWITCH, FACTORY WIRED TO ILLUMINATE WHEN LOAD IS ON. PROVIDE NEUTRAL CONNECTION TO EACH SWITCH AS NECESSARY.
- PROVIDE EACH SET OF SWITCHES IN MULTI-GANG OUTLET BOX WITH SINGLE COVERPLATE. PROVIDE LABEL ABOVE EACH SWITCH WITH DESCRIPTION OF
- LIGHTING CONTROLLED AS INDICATED. DIMMER SWITCHES LOCATED AT SALES LIGHTING SWITCH BANK FOR CONTROL
- OF DIMMED LIGHTS. 0-10V: LUTRON #DVSTV-WH LOAD RATING: 8 AMPS FOR LOADS MORE THAN 8A, USE DVTV W/ LUTRON PP-DV POWER PACK. CONFIRM COMPATIBILITY OF DIMMERS WITH LIGHTING FIXTURE(S) TO BE USED





(#) CODED SINGLE LINE DIAGRAM NOTES

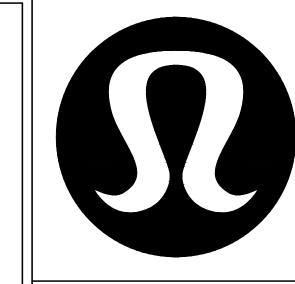
1. EXISTING TRANSFORMER TO BE REMOVED AND REINSTALLED SUSPENDED AT HIGH LEVEL.

RISER DIAGRAM GENERAL NOTES

- A. HVAC CIRCUIT BREAKERS TO BE "HACR" TYPE WHERE REQUIRED BY EQUIPMENT NAMEPLATE PER CEC.
- B. FIELD VERIFY EXACT AIC RATING OF LANDLORD'S DISTRIBUTION EQUIPMENT. FURNISH AND INSTALL TENANTS ELECTRICAL SYSTEM TO MATCH AS NECESSARY.
- C. BALANCE ALL PANELBOARDS AND ELECTRICAL EQUIPMENT UNDER LOAD CONDITIONS TO +/- 10% BETWEEN PHASES; A/B, B/C, A/C REGARDLESS OF CIRCUITING INDICATED.
- D. PROPER CLEARANCE MUST BE MAINTAINED ABOUT ELECTRICAL EQUIPMENT PER CEC. FIELD VERIFY EXACT MOUNTING SPACE AVAILABLE IN ELECTRICAL ROOM/AREA PRIOR TO INSTALLATION OF ELECTRICAL
- E. MAKE ALL FINAL ELECTRICAL CONNECTIONS FOR A COMPLETE ELECTRICAL
- F. TENANT'S NAME AND SPACE SHALL BE ENGRAVED ON A BAKELITE PLATE WITH 1" HIGH LETTERS. SCREW FASTEN TO THE METER SOCKET AND DISCONNECT SWITCH/CIRCUIT BREAKER AT THE SERVICE DISTRIBUTION
- G. ALL CONNECTIONS TO LANDLORD'S SERVICE EQUIPMENT SHALL BE AS DIRECTED BY LANDLORD'S SITE REPRESENTATIVE. PROVIDE ALL
- TERMINATION EXPENSES. H. TENANT'S ELECTRICAL SYSTEM SHALL BE GROUNDED TO THE BUILDING'S
- MAIN GROUNDING SYSTEM. I. ALL EQUIPMENT TO BE U.L.C. LISTED OR EQUIVALENT

INFORMATION.

J. INSTALL ALL EQUIPMENT TO MEET SEISMIC CRITERIA AT THE SITE AS NECESSARY. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL



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> VANCOUVER, B.C., V6J1C7 **SUMMIT FAIR**

910 NW BLUE PKWY, SUITE G, LEE'S SUMMIT

MO 64086 ARCHITECT

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STRUCTURAL ENGINEER

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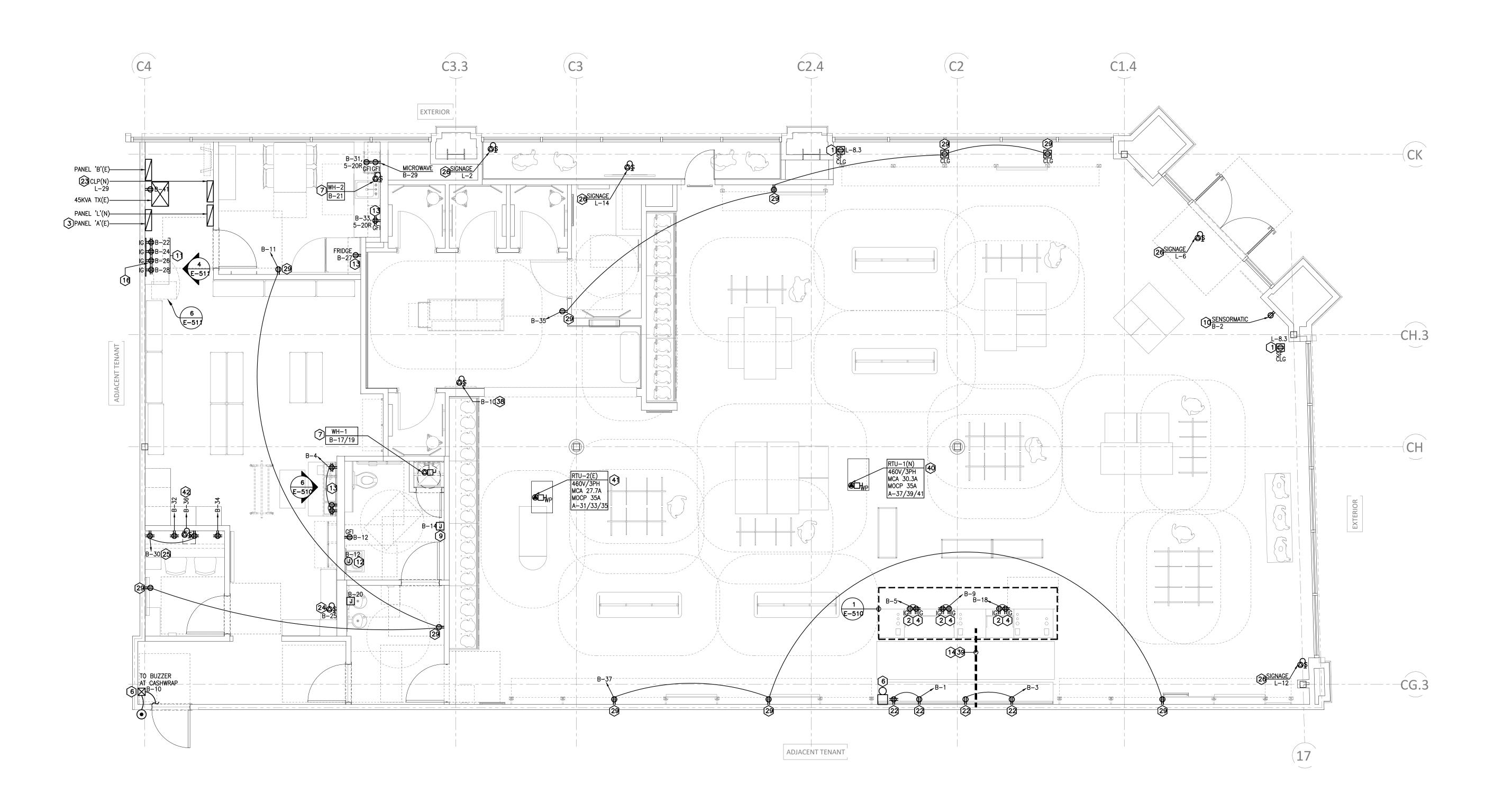
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DRAWN BY: SW

LIGHTING CONTROL AND SINGLE LINE DIAGRAM

DRAWING NUMBER E012





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(#) CODED POWER NOTES

WITH SIGNAGE VENDOR.

. <u>Storefront receptacle:</u> Receptacles and coverplates with an "sf" designation shall be mounted horizontally on ceiling if ceiling IS WITHIN 18" FROM THE TOP OF THE WINDOW, OR ON THE WALL ABOVE THE WINDOW IF THERE IS MORE THAN 18" TO THE CEILING ABOVE.

CASH REGISTER:
ELECTRONIC CASH REGISTER POWER SYSTEM. THE CIRCUITS USED TO POWER THE ELECTRONIC CASH REGISTERS SHALL NOT BE USED FOR ANY OTHER PURPOSES. THE CIRCUITS SHALL NOT SHARE THE NEUTRAL OR GROUND WITH OTHER EQUIPMENT. SEPARATE POWER, NEUTRAL AND DEDICATED GROUND WIRES, MINIMUM SIZE #12 AWG, SHALL BE RUN TO THE CIRCUIT BREAKER PANELBOARD WHERE GROUND WIRE SHALL BE TIED TO THE GROUND TERMINAL ISOLATED FROM NEUTRAL. DO NOT USE THE CONDUIT FOR GROUNDING AS THIS IS NOT ADEQUATE AT HIGH FREQUENCIES. CIRCUITS FOR THE ELECTRONIC CASH REGISTERS SHALL BE RUN IN SEPARATE CONDUIT. REFER TO DETAIL "1" ON SHEET E-510 FOR ADDITIONAL INFORMATION.

ELECTRICAL PANELS:
ELECTRICAL SERVICE EQUIPMENT, SEE POWER RISER DIAGRAM ON SHEET E-011 FOR ADDITIONAL INFORMATION. SEE RESPONSIBILITY SCHEDULE ON É-011 FOR LANDLORD AND TENANT RESPONSIBILITIES.

. <u>COMPUTER OUTLET:</u> CONTRACTOR TO COORDINATE WITH MILLWORK VENDOR ON ALL POWER AND DATA OUTLET REQUIREMENTS AT CASH POWER CONNECTION FOR NEON SIGNAGE. CONFIRM EXACT LOCATION AND POWER REQUIREMENTS PRIOR TO ROUGH-IN

BUZZER SYSTEM:
EXISTING BUZZER SYSTEM TO REMAIN. CONNECT TO NEW CIRCUIT AS SHOWN.

. <u>WATER HEATER:</u> WH-1: TANK TYPE ELECTRIC WATER HEATER 208V, 1PH, 5.0 KW. CIRCUIT AS INDICATED. FURNISH AND INSTALL SERVICE DISCONNECT AS REQUIRED. CONFIRM EXACT LOCATION ON SITE WITH MECHANICAL.

HVAC EQUIPMENT CONNECTIONS:
SEE HVAC ELECTRICAL CONNECTION SCHEDULE ON SHEET E-011 FOR CIRCUIT. DISCONNECT, WIRE SIZE. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

HAND DRYER:
COORDINATE EXACT LOCATION AND INSTALLATION HEIGHT OF JUNCTION BOX WITH THE PROJECT MANAGER AND PER MANUFACTURER RECOMMENDATIONS PRIOR TO ROUGH-IN. SEE FIXTURE SCHEDULE FOR SPECIFICATION.

0. <u>EAS SENSORMATIC SYSTEM:</u>
JUNCTION BOX AND CIRCUIT ABOVE CEILING FOR POWER TO SENSORMATIC SYSTEM. SEE SHEET E-130 AND DETAIL "7" ON SHEET E-510 FOR ADDITIONAL INFO. PROVIDE ALL CONDUIT AND WIRING FOR A COMPLETE AND FUNCTIONAL SYSTEM. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH—IN. SENSORMATIC SYSTEM MAY NO

.. <u>NETWORK CLOSET:</u>
RECEPTACLE FOR NETWORK CABINET. REFER TO DETAIL 6 ON SHEET E-511 FOR ALL LOW VOLTAGE CONDUIT

12. INSTALL JUNCTION BOX AND TRANSFORMER FOR AUTOMATIC FAUCET FURNISHED BY PLUMBING CONTRACTOR. PROVIDE POWER WIRING AND CONNECT TO TRANSFORMER. JUNCTION BOX TO BE MOUNTED ABOVE CEILING IN ACCESSIBLE LOCATION. VERIFY EXACT INSTALLATION HEIGHT IN FIELD.

3. REFER TO ARCHITECTURE PLANS FOR EXACT LOCATION AND INSTALLATION HEIGHT OF RECEPTACLES IN THIS AREA. 4. PROVIDE THREE (3) 1" CONDUITS FOR CASH WRAP CIRCUITING INSTALLED UNDER SLAB. COORDINATE REQUIREMENTS WITH LANDLORD. ROUTE CIRCUITING AS SHOWN ON PLANS WITHIN CONDUIT, UP TO DECK AND BACK TO PANELBOARD AS REQUIRED. REFER TO SHEET E-130 FOR ADDITIONAL LOW VOLTAGE CONDUIT AT THIS AREA. REFER TO DETAIL "1"

5. PROVIDE USB CHARGER RECEPTACLE, HUBBELL MODEL #USB15A. COLOR OF RECEPTACLE TO MATCH ADJACENT

6. PROVIDE RECEPTACLE FOR SPEAKER SYSTEM AMPLIFIER VERIFY EXACT LOCATION AND INSTALLATION HEIGHT OF SPEAKER

ON SHEET E-510 FOR ADDITIONAL INFORMATION.

SYSTEM WITH FINAL LOCATION OF AMPLIFIER IN FILED. 7. RECEPTACLE FOR BRA WALL FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT (SHEET A-130, A-140, A-210, A-560).

18. RECEPTACLE FOR PANT WALL FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT (SHEET A-130, A-140, A-210, 19. RECEPTACLE FOR LIGHTBOX POWER. COORDINATE EXACT LOCATION WITH ARCHITECT (SHEET A—130, A—140, A—210).

(#) CODED POWER NOTES

20. RECEPTACLE FOR DIGITAL FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT (SHEET A-130, A-140, A-210). 21. RECEPTACLE FOR BACKWRAP SCREEN POWER. PROVIDE ADDITIONAL POWER AS REQUIRED FOR LARGER SCREENS.

22. REFER TO MOUNTING DETAILS ON ARCHITECT'S DETAIL DRAWINGS FOR ADDITIONAL INFORMATION ON BACKWRAP DEVICES.

23. LOCATION OF CURRENT LIMITING PANEL. SEE LIGHTING PLAN FOR ADDITIONAL INFORMATION. 24. <u>BOTTLE FILLER REMOTE CHILLER:</u>
PROVIDE JUNCTION BOX AND DISCONNECT TOGGLE TYPE SWITCH. LOCATE ABOVE CEILING NEAR ACCESS PANEL IN CONCEALED LOCATION. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR.

CIRCUIT VIA TIME CLOCK. RECEPTACLES SHALL BE MARKED TO VISUALLY DIFFERENTIATE THEM AS BEING CONTROLLED

PROVIDE JUNCTION BOX AND DISCONNECT GOGGLE TYPE SWITCH WITH MINIMUM 12' WHIP CONNECTION FOR CONNECTION BY OTHERS TO THE STORE FRONT SIGN LIGHTING PER C.E.C. LOCATE ABOVE CEILING NEAR ACCESS PAN

IN CONCEALED LOCATION. CIRCUIT THRU TIME CLOCK AND POWER PANEL AS INDICATED. SEE SHEET E-012 FOR ADDITIONAL INFORMATION. CONFIRM CONTROL CRITERIA REQUIREMENTS WITH LANDLORD. .PROVIDE 1" CONDUITS FOR DIGITAL MIRROR FIXTURE CIRCUITING INSTALLED UNDER SLAB. COORDINATE REQUIREMENTS WITH LANDLORD, ROUTE CIRCUITING AS SHOWN ON PLANS WITHIN CONDUIT, UP TO DECK AND BACK TO PANELBOARD

28.NOT USED.

AS REQUIRED. REFER TO SHEET E-130 FOR ADDITIONAL LOW VOLTAGE CONDUIT AT THIS AREA.

29. SALES AREA GENERAL CONVENIENCE RECEPTACLE. CONNECT TO NON-SWITCHED, 24/7 CIRCUIT. 30. RECEPTACLE FOR INTERACTIVE MIRROR FIXTURE. COORDINATE. EXACT LOCATION WITH ARCHITECT (SHEET A-130,A-140,A-210).

32. RECEPTACLE FOR FOOTWEAR FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT.

33. PROVIDE 1. CONDUIT FOR FOOTWEAR FIXTURE CIRCUITING INSTALLED UNDER SLAB. COORDINATE REQUIREMENTS WITH LANDLORD. ROUTE CIRCUITING AS SHOWN ON PLANS WITHIN CONDUIT, UP TO DECK AND BACK TO PANEL BOARD AS REQUIRED. REFEER TO SHEET E-130 FOR ADDITIONAL LOW VOLTAGE CONDUIT AT THIS AREA.

35. POWER FOR FUTURE DIGITAL FIXTURE AT COMMUNITY WALL LOCATED ABOVE CEILING AT ACCESS PANEL NEAR AMBASSADOR FIXTURE. EC TO FURNISH AND INSTALL J-BOX AND 6' WHIP COILED IN CEILING:

36.PROVIDE FIRE RATED POKE THROUGH. POKE THROUGH TO BE HUBBELL SYSTEM ONE W/ BRUSHED ALUMINIUM FINISH. 4" RECESSED C/W S1R4SPSTYLE MOUNTING PLATE AND DECORA DUPLEX, CONFIRM COVER FINISH WITH ARCHITECT PRIOR TO ORDERING.

37.EXACT LOCATION OF PUSH BUTTONS TO BE CONFIRMED ON SITE. ENSURE IT IS WITHIN 24" (600mm) — 59" (1500mm) BEYOND DOOR SWING AS PER BUILDING CODE. SEE SHEET 1-E121 FOR ADDITIONAL INFORMATION.

38.LOCATION OF 'NEON' LOOK LED BRAND ELEMENT BY LLL V, GC TO PROVIDE POWER CONCEALED IN WALL TO J-BOX CONCEALED ABOVE CEILING. SIGN REQUIRES INDIVIDUAL LOW VOLTAGE CONNECTIONS THROUGH WALL FINISH TO EACH SIGN LETTER. CIRCUIT VIA TIMECLOCK AND CONTACTORS.

39. ALL CORE DRILLING/TRENCHING MUST BE APPROVED BY LANDLORD. SCAN OR X-RAY AS REQUIRED. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN BID.

40. NEW ROOFTOP UNIT. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND SPECIFICATIONS. CONFIRM EXISTING FEEDER CAPACITY TO ENSURE THEY ARE ABOVE MCA OF NEW UNIT. REUSE EXISTING FEEDER IF FEASIBLE, PROVIDE SEPARATE PRICE FOR NEW FEEDER AS REQUIRED. PROVIDE NEW LOCAL DISCONNECT. 41. EXISTING ROOFTOP UNIT TO REMAIN AS CIRCUITED.

PLAN 42. PROVIDE POWER FOR NEW ZONE DAMPER AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND

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ELECTRICAL POWER

DRAWING NUMBER

HEAT PUMP UNIT POWER NOTES ENSURE 600V/3PH CONNECTION WITH LOCAL WEATHERPROOF DISCONNECT SWITCH FOR NEW HEAT PUMP UNITS LOCATED OVER LOADING DOCK. REFER TO MECHANICAL FOR SPECS AND LOCATION. PROVIDE ONE WP GFI 5-20R SERVICE RECEPTACLE

FED FROM CIRCUIT A-17. HEAT PUMP UNITS ARE CIRCUITED AS SHOWN: HP-1: 1DTX-25/27/29 HP-2: 1DTX-31/33/35

ELECTRICAL POWER PLAN

BARRIER FREE WASHROOM SYMBOLS O | ILLUMINATED ANNUNCIATOR BUILT IN TO PUSH PLATE EMERGENCY PUSH BUTTON C/W AUDIBLE AND VISUAL SIGNAL DEVICE L LOCK DOOR PUSHBUTTON AUDIBLE AND VISUAL SIGNAL DEVICE DC DOOR CONTACT ES | ELECTRIC STRIKE PUSH PLATE FOR DOOR OPERATOR

REFER TO MECHANICAL PLAN FOR LOCATION OF MECHANICAL EQUIPMENT. FIELD VERIFY EXACT LOCATIONS. PROVIDE AND INSTALL ALL CONVENIENCE RECEPTACLES, SAFETY SWITCHES, WIRING, OR OTHER EQUIPMENT TO ENSURE A COMPLETE AND OPERABLE HVAC SYSTEM. B. ALL CEILING MOUNTED RECEPTACLE COVERPLATES SHALL BE WHITE IN COLOR.

ALL WALL MOUNTED RECEPTACLES AND SWITCHES SHALL BE MOUNTED VERTICALLY AND SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. IN THE SALES AREA AND FITTING AREAS, COVERPLATES SHALL BE WHITE. IN THE BACK OF HOUSE, COVERPLATES SHALL BE STAINLESS STEEL. IN THE STAFF AREA ALL RECEPTACLES AND COVERPLATES SHALL BE WHITE.

LABEL ALL COVERPLATES ON INSIDE FACE OF PLATE WITH CIRCUIT NUMBER AND PANEL DESIGNATION. I.E. "A-1". CIRCUIT SHALL BE WRITTEN WITH PERMANENT MARKER IN A CONTRASTING COLOR.

E. (IF APPLICABLE) REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF RECEPTACLES, DATA/TELEPHONE OUTLETS AND OTHER DEVICES. F. ALL EQUIPMENT SHALL BE U.L.C LISTED OR EQUIVALENT.

G. ALL EXPOSED CONDUIT, WHERE REQUIRED BY CODE, MUST BE RUN STRAIGHT AND PARALLEL/PERPENDICULAR TO STRUCTURE. RUN CONDUIT ADJACENT TO EXISTING STRUCTURE OR ROOF DECK WHERE POSSIBLE.

H. REVIEW ANY QUESTIONS REGARDING INSTALLATIONS WITH LULULEMON PROJECT MANAGER.

ELECTRICAL DEVICE MOUNTING HEIGHTS (UNLESS NOTED OTHERWISE): a. PANELBOARDS: 6'-6" AFF TO TOP

b. TOGGLE SWITCHES: 4'-0" AFF TO CENTERLINE RECEPTACLES: 1'-6" AFF TO CENTERLINE d. VOICE/DATA OUTLETS: 1'-6" AFF TO CENTERLINE

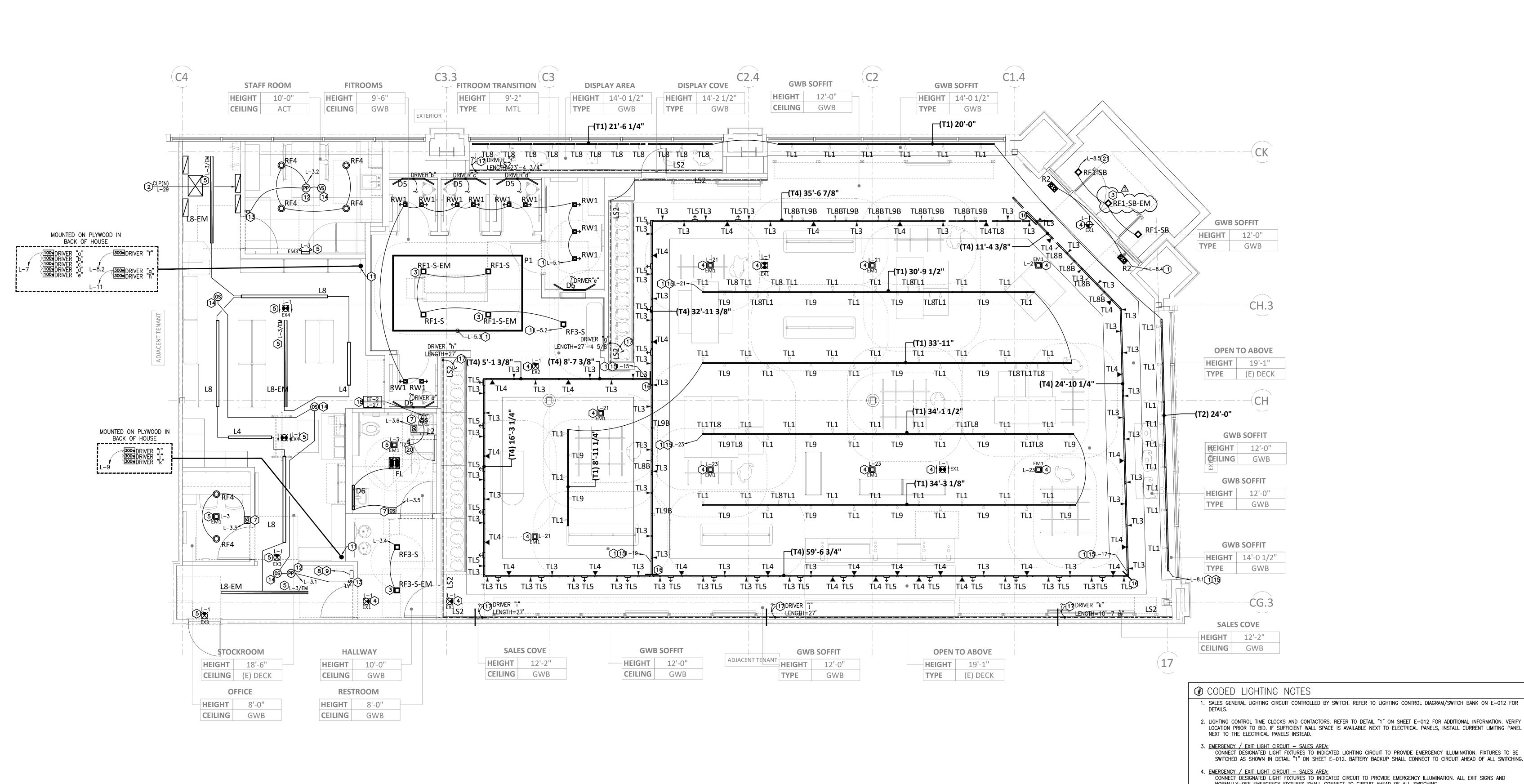
GENERAL POWER NOTES

INFORMATION ON THIS SHEET PERTAINING TO THE EXISTING ELECTRICAL SYSTEM IS BASED ON RECORD DRAWINGS AND SITE INFORMATION AVAILABLE AT THE TIME OF DESIGN. FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND. DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD

CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER, OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN THEIR BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER, OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BY IMPLEMENTED AT CONTRACTOR'S COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ORDINANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OR ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.



NORMALLY-OFF EMERGENCY FIXTURES SHALL CONNECT TO CIRCUIT AHEAD OF ALL SWITCHING. 5. <u>EMERGENCY / EXIT LIGHT CIRCUIT - NON-SALES AREA:</u>

CONNECT EMERGENCY BALLAST TO LOCAL LIGHTING CIRCUIT, AHEAD OF LOCAL SWITCHING, TO PROVIDE CONTINUOUS EGRESS, SECURITY AND EMERGENCY ILLUMINATION. 6. <u>EMERGENCY / EXIT LIGHT CIRCUIT - NON-SALES AREA:</u>

- CONNECT DESIGNATED LIGHT FIXTURES TO INDICATED LIGHTING CIRCUIT TO PROVIDE EMERGENCY ILLUMINATION. FIXTURES TO BE SWITCHED AS SHOWN IN DETAIL "1" ON SHEET E-012. BATTERY BACKUP SHALL CONNECT TO CIRCUIT AHEAD OF ALL SWITCHING. 7. OCCUPANCY MOTION SENSOR SWITCH MOUNTED @ 42" AFF. VERIFY EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN. COORDINATE WITH WALL FINISH & TRIM DESIGN. MOTION SENSOR SHALL BE EQUAL OR SIMILAR TO SENSOR SWITCH MODEL #: WSX-PDT. SET FOR 10 MINUTE OFF DELAY.

PROVIDE GANGED SWITCH LOCATION FOR LOCAL LIGHTING SWITCHES. PROVIDE UNDER COMMON FACEPLATE OR MULTIPLE FACEPLATES OF EQUAL WIDTHS. REFER TO DETAIL "2" ON SHEET E-012 FOR ADDITIONAL INFORMATION. 9. GENERAL LIGHTING TIMED OVERRIDE SWITCH. REFER TO DETAIL "1" & "2" ON SHEET E-012 FOR ADDITIONAL INFORMATION.

10. WALL MOUNTED DIMMING VACANCY SENSOR/MANUAL ON SWITCH MOUNTED @ 42" AFF. VERIFY EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN. COORDINATE WITH WALL FINISH & TRIM DESIGN.

11.LOCATION OF REMOTE LED DRIVERS FOR SALES LED STRIP/WALLWASH LIGHTING, FITTING ROOM MIRRORS, AND FITTING ROOM VALANCE LIGHTING. APPROXIMATE QUANTITIES: SEE LIGHTING FIXTURE SCHEDULE ON SHEET E-121 FOR ADDITIONAL INFORMATION ABOUT LOCATION, LENGTH OF LED'S, AND ADDITIONAL REQUIREMENTS. MOUNT DRIVERS AT 10'-0" A.F.F. ON A PLYWOOD BACKBOARD, PROVIDE ALL WIRING FOR A COMPLETE AND OPERATIONAL SYSTEM, MINIMUM WIRE SIZE BETWEEN LIGHT FIXTURE AND LED DRIVER SHALL BE DETERMINED BY VOLTAGE DROP CALCULATIONS BY CONTRACTOR. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROPERLY CONNECT ALL LED LIGHTING PER C.E.C. AND PROVINCIAL CODES.

12. FURNISH AND INSTALL CEILING MOUNTED POWER PACK WITH DIMMING CAPABILITY (ACUITY NPP16-D).

13. FURNISH & INSTALL WALL MOUNTED, LOW VOLTAGE DIMMING SWITCH (ACUITY NPODM-DX) FOR MANUAL ON & MULTI-LEVEL CONTROL OF LIGHTING IN THIS AREA. 14. FURNISH AND INSTALL CEILING MOUNTED VACANCY SENSOR (ACUITY NCMB-PDT-10). VACANCY SENSORS SHALL AUTOMATCIALLY

SHUT OFF LIGHTING WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.

15. FURNISH AND INSTALL NEW EATON TRACKEEPER CURRENT LIMITING PANEL MODEL #: TK16-120-x-S. FURNISH AND INSTALL CURRENT LIMITING BREAKERS IN PANEL. SEE CURRENT LIMITING BREAKERS SCHEDÜLE ON SHEET E-012 FOR CIRCUITS AND CURRENT LIMITING BREAKER SIZES.

16. BREAK LINE FOR BREAKING TRACK INTO MULTIPLE CIRCUITS. COORDINATE EXACT LOCATION IN FIELD. 17. REFER TO COVE & VALENCE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION ABOUT VOLTAGE DROP. MAX 30L/FT PER POWER FEED. TOTAL COMBINED LENGTH NOT TO EXCEED 54'-6" PER 300W DRIVER.

18. MOP SINK CONTROLLED TO BE CONTROLLED BY SCHEDULE C/W TIMER OVERRIDE. REFER TO LIGHTING CONTROL DIAGRAM FOR

19. COORDINATE INSTALLATION OF TRANSFER FAN "TF-1" WITH MECHANICAL. PROVIDE LINE VOLTAGE POWER AND THERMOSTAT CONTROL WIRING AS REQUIRED BY MECHANICAL. 20. SPRING WOUND TIMED OVERRIDE SWITCH FOR MOP SINK EXHAUST FAN 'T2'. PROVIDE LABEL "EXHAUST FAN OVERRIDE". 21. EXTERIOR LIGHTING TO BE CONTROLLED BY TIME CLOCK & PHOTO CELL. REFER TO LIGHTING CONTROL DIAGRAME-012 FOR

SUMMIT FAIR MALL

@ lululemon

1818 CORNWALL AVE. VANCOUVER, B.C., V6J1C7

910 NW BLUE PKWY, SUITE G, LEE'S SUMMIT MO 64086

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STRUCTURAL ENGINEER

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REVISED PER CITY COMMENTS

09/16/2025

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DRAWING INFORMATION PROJECT #: 2412106 CHECKED BY: JG

DRAWN BY: SW

ELECTRICAL LIGHTING PLAN

DRAWING NUMBER

GENERAL LIGHTING NOTES

A. LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS.

B. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHTING FIXTURES.

C. EMERGENCY AND EXIT LIGHTS SHALL BE INSTALLED AND CIRCUITED PER THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES.

D. ELECTRICAL CONTRACTOR IS TO ENSURE ACCESSIBILITY IS MAINTAINED PER N.E.C. REQUIREMENTS AN LOCAL CODES.

E. ALL EQUIPMENT TO BE U.L. LISTED OR EQUIVALENT.

3. ALL EXPOSED CONDUIT MUST BE RUN STRAIGHT AND PARALLEL/PERPENDICULAR TO STRUCTURE. RUN CONDUIT ADJACENT TO EXISTING STRUCTURE OR ROOF DECK WHERE POSSIBLE.

F. ALL LOW VOLTAGE WIRING MUST BE RUN IN CONDUIT CONCEALED IN WALLS (IF REQUIRED BY CODE). PLENUM RATED WIRING MAY BE RUN CONCEALED ABOVE CEILING WHEN ALLOWED BY

H. REVIEW ANY QUESTIONS REGARDING INSTALLATION WITH LULULEMON PROJECT MANAGER.

CABLE, RACEWAY, OR BOX INSTALLED IN EXPOSED OR CONCEALED LOCATIONS UNDER METAL-CORRUGATED SHEET ROOF DECKING SHALL BE INSTALLED AND SUPPORTED SO THERE IS NOT LESS THAN 1-1/2" MEASURED FROM THE LOWEST SURFACE OF THE ROOF DECKING TO THE TOP OF THE CABLE, RACEWAY, OR BOX. A CABLE, RACEWAY, OR BOX SHALL NOT BE INSTALLED IN CONCEALED LOCATIONS IN METAL-CORRUGATED, SHEET DECKING-TYPE ROOF.

INFORMATION ON THIS SHEET PERTAINING TO THE EXISTING ELECTRICAL SYSTEM IS BASED ON RECORD DRAWINGS AND SITE INFORMATION AVAILABLE AT THE TIME OF DESIGN. FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS. THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER, OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN THEIR BID ALL

COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER, OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BY IMPLEMENTED AT CONTRACTOR'S COST.

M. BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ORDINANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OR ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

ELECTRICAL LIGHTING PLAN

AN ADDITIONAL POWER FEED BACK TO THE DRIVER • LS1 = 16'-0''• LS2 = 30'-0"

18 AWG

16 AWG

14 AWG

12 AWG

 CHART ABOVE APPLIES TO 24V DC LED STRIPS. EACH LED STRIP HAS A MAXIMUM LENGTH OF BEFORE IT REQUIRES DRIVERS TO BE LOADED TO 80% OR LESS.

COVE & VALENCE LIGHTING

VOLTAGE DROP WIRE SIZE CHART

20W | 40W | 60W | 96W | 150W | 300W

| 210 ft. | 105 ft. | 70 ft. | 46 ft. | 28 ft. | 14 ft.

330 ft. | 175 ft. | 51 ft. | 70 ft. | 46 ft. | 23 ft.

525 ft. | 260 ft. | 82 ft. | 115 ft. | 75 ft. | 36 ft.

' 830 ft. | 420 ft. | 130 ft. | 175 ft. | 120 ft. | 58 ft

2016 ft. | 1025 ft. | 328 ft. | 460 ft. | 300 ft. | 150 ft.

WIRE GAUGE | LED DRIVER SIZE / MAXIMUM DISTANCE IN FEET

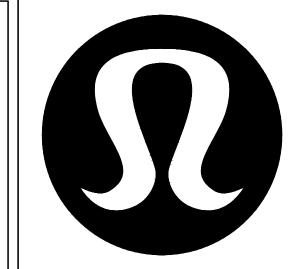
NAME & SYMBOL	PROCUREMENT QT	INSTALL	FIXTURE	LAMP	HEIGHT AFF	INSTALL DIRECTIONS / NOTES	NAME & SYMBOL	PROCUREMENT	QTY	INSTALL	FIXTURE	LAMP	HEIGHT AFF	INSTALL DIRECTIONS / NOTES	NAME & SYMBO	OL PROCUREME	NT QTY	INSTALL	FIXTURE	LAMP	HEIGHT AFF	INSTALL DIRECTIONS / NOTES
5 WALL	LLL 5	WALL MOUNTED	CORE LED LINEAR LSM-60-30K-PF-24V DC	6 WATTS/LF LED		MIRROR MILLWORK LIGHTS PROVIDED BY CSI	RF1-S	LLL	2	RECESSED	PRESCOLITE LTR-4SQD-H-SL-10L-DM1- LTR-4SQD-T-SL-30K-9-XW-SS-WT	12 WATT LED	CEILING HT.	HALLWAY: NON-DIMMING FITROOMS: DIMMABLE	TL1	LLL	63	TRACK MOUNTED	LUMENTURE T65-1500-30H-25-W-J WHITE TRACK HEAD - SPOT WITH T65-SNW SNOOT	16 WATT LED	TRACK MOUNTED	SEE PLANS FOR DIRECTION SE IN FIELD
6	LLL 1	WALL	WITH LED DRIVER WAC: WS-180327-30-BN	20 WATT LED	B/O FIXTURE		RF1-S-EM	LLL	2	RECESSED	4" SQUARE DOWN LIGHT - WHITE TRIM PRESCOLITE LTR-4SQD-H-SL-10L-DM1-EM	12 WATT LED	CEILING HT.	EM: PROVIDE 90 MIN	T//			TBACK MOUNTED	LUMIENTURE 765/1500-30H-40-W-1/ WHATE TRACK HEAD - FLOOD	18 WATT VED	TBACK MOUNTED	SÉE PLANS FOR DIBECTION SE
WALL		MOUNTED RECESSED	BROAN AE80BL	11 WATT LED	@ 6'-6" CEILING HT.	MOUNTED ABOVE THE MIRROR AND CENTERED FAN LIGHT COMBO TO BE					LTR-4SQD-T-SL-30K-9-XW-SS-WT 4" SQUARE DOWN LIGHT - WHITE TRIM			BATTERY BACKUP HALLWAY: NON-DIMMING FITROOMS: DIMMABLE	TL3	LLL	66	TRACK MOUNTED	LUMENTURE T65-1500-30H-25-B-J BLACK TRACK HEAD - SPOT	16 WATT LED	TRACK MOUNTED	SEE PLANS FOR DIRECTION SE IN FIELD
			DELUXE FAN LIGHT COMBO			CENTERED IN ROOM; FAN: 27 WATT / 80 CFM		LLL	2	RECESSED BLACK	PRESCOLITE LTR-4SQD-H-SL-10L-DM1 LTR-4SQD-T-SL-30K-9-XW-SS-BT	12 WATT LED	CEILING HT.		TL4	LLL	27	TRACK MOUNTED	WITH T65-SNB SNOOT LUMENTURE T65-1500-30H-40-B-J BLACK TRACK HEAD - FLOOD	16 WATT LED	TRACK MOUNTED	SEE PLANS FOR DIRECTION SE IN FIELD
	LLL 1	SURFACE MOUNTED OR SUSPENDED	HUBBELL COLUMBIA MPS4-30LW-CW-EDU	27.3 WATT LED	12'-0" U.N.O. SURFACE MT AT BOH HALL	·	RF1-SB-EM	LILL		RECESSED BLACK	4" SQUARE DOWN LIGHT - BLACK TRIM- PRESCOLITE LTR-4SQD-H-SL-10L-DM1-EM LTR-4SQD-T-SL-30K-9-XW-SS-BT	12 WATT LED	CEILING HT.	PROVIDE 90 MIN BATTERY BACKUP	J ^{1.5} ≜	LLL	26	TRACK MOUNTED	LUMENTURE TWW160-30H-1600-B-J TRACK HEAD - BLACK WALL WASHER	17 WATT LED	TRACK MOUNTED	DIRECT TOWARDS WALL
-EM	W////	SURFACE MOUNTED OR	HNBREIT COMMRIN MADA-301M-CM-EDN-ET174	27/3/WATT/LED	12-9	BACK ØF HOUSE STRIP					4" SQUARE DOWN LIGHT - BLACK TRIM							TBACK MOUNTED	LUMENTURE TWW 160-30H-2600-W-J TRACK HEAD - WHITE WALL WASHER	17/WA/T LED	TBACK MOUNTED	preject towards wall
<u>//////</u> 3	LLL 3	SURFACE MOUNTED OR	HUBBELL COLUMBIA MPS8-30LW-CW-EDU	54.6 WATT LED	12'-0"	SUSPENDED VINO /// BACK OF HOUSE LED STRIP LIGHT, SUSPENDED UNO	RW1 ♣			RECESSED	AMERLUX HORNET HDL-HP-S-NC-A17-T-12-120-0-10V HDL-HP-SLW-A17-T-MWW-309	12 WATT LED	CEILING HT.	FITROOM WALL WASHERS DIMMABLE	TL8	LILL	24	TRACK MOUNTED TRACK	LUMENTURE TWW 160-30H-2600-W-J3/ TRACK HEAD - WHITE STEM WALL WASH LUMENTURE: T80-200030H-25-W-J	17 WATT LED 20 WATT LED	TRACK MOUNTED TRACK	WITH CUSTOM STEM PRECT TOWARDS WALL SEE PLANS FOR DIRECTION SE
B-EM	LLL 3	SUSPENDED SURFACE	HUBBELL COLUMBIA	54.6 WATT LED	12'-0"	BACK OF HOUSE STRIP	RF3-S	LLL	2	RECESSED	3 1/2" SQUARE WALL WASH - WHITE PRESCOLITE LTR-4SQD-H-ML-20L-DM1	23 WATT LED	CEILING HT.	HALLWAY: NON-DIMMING	De TL8B	LLL	10	MOUNTED TRACK	HO WHT TRACK HEAD-SPOT WITH T80-SNW-SNOOT LUMENTURE: T80-200030H-25-B-J	20 WATT LED	MOUNTED TRACK	IN FIELD SEE PLANS FOR DIRECTION SE
		MOUNTED OR SUSPENDED SURFACE	MPS8-30LW-CW-EDU-ELL14 WAC: FM-07RN-930-WT	15 WATT LED	7'-9" @	LIGHT WITH EM, SUSPENDED UNO	RF3-S-EM	111	1	RECESSED	-LTR-4SQD-T-ML-30K-9-XW-SS-WT 4" SQUARE DOWN LIGHT - WHITE TRIM PRESCOLITE LTR-4SQD-H-ML-20L-DM-EM	22 WATT LED	CEILING HT.	FITROOMS: DIMMABLE EM: PROVIDE 90 MIN	TL9 .	LLL	20	MOUNTED TRACK	HO BLK TRACK HEAD-SPOT WITH T80-SNB-SNOOT LUMENTURE: T80-2000-30H-40-W-J	20 WATT LED	MOUNTED TRACK	IN FIELD SEE PLANS FOR DIRECTION SE
WALL		MOUNTED	//skg/y/postekbox/3/-/kg/g/x/post/y/ //skg/y/postekbox/3/-/kg/g/x/post/y/		CLOSET WALLS	/NITO ALONG LONG SIDE// OF BACK PAN RETURN OF				RECESSED	-LTR-4SQD-T-ML-30K-9-XW-SS-WT 4" SQUARE DOWN LIGHT - WHITE TRIM	23 WATT LED	CEILING HT.	BATTERY BACKUP HALLWAY: NON-DIMMING	TL9B	ш	7	MOUNTED TRACK MOUNTED	HO WHT TRACK HEAD - FLOOD LUMENTURE: T80-2000-30H-40-B-J HO BLK TRACK HEAD - FLOOD	20 WATT LED	MOUNTED TRACK MOUNTED	IN FIELD SEE PLANS FOR DIRECTION SE IN FIELD
		ASSEMBLY DEFENDENT	// PRONUTEL PONTER SUPPLIPER 18/// / MODULES, MENNITELL HUSZACH 24/ SYGON POSTERFON OF SUGOTIVE GOVERN		STØREFRONT ELEVATION	/ _ / . / . / . / . / _ / . / . / . / / / /	RF4	LLL	4	RECESSED	WAC: R4DRDN-F-WT LED DOWN LIGHT - WHITE TRIM	12W LED	CEILING HT.	FITROOMS: DIMMABLE STAFF ROOM RECESSED IN GWB CEILING	EX1 💮	LLL	5	RECESSED CEILING	BEST RELZXTE-1-R-C-W-EM EDGE LIGHT EXIT SIGN W/BATTERY BACK-UP	5 WATT FOR BATTERY	CEILING HT. 8'-6" TYP	EXIT SIGNS TO BE RED, CLEAR PLEXI AND RECESSED BATTER
		PANEL ASSEMBLY	/ STOKK POSKERSOK 3SHOK PROBO PROMDE LPOWER SUPPLYPER 18 MODILES: NEWWELL HLE-140H-14			MANELASSEMBIA	676-8///////////////////////////////////		V	RECESSED BLACK TRIM		26/WXX/\\$\\/	ennistri.	MOOR FORTON		LLL	1	SUSPENDED/	BEST ELXTEU-1-R-C-B-EM EDGE LIGHT	5 WATT FOR	13'-0" MAX SEE ELEVS 13'-0" MAX	TYPE. USED ONLY AT SALES EXIT SIGNS TO BE USED ONLY
52	LLL REF	SURFACE MOUNTED	CORE LED NEON: LNE-50-SB-35K-24V-XX-IP65EF-XX MAX 30LF PER POWER FEED, SEE	5.3 WATTS/LF LED 24V	12'-2" COVE	MTD IN COVE BUILT OUT ON SITE BY GC. REMOTE DRIVERS. SEE	9				/ HOL-HP-RA-AXT-T-MBB-MFL-309 / ROUND ADJUSTABLE MBHT			\	EX3 — —	LLL	2	WALL MOUNTED WALL	BEST EZXTEU-2-R-W-EM BEST EXIT SIGN	BATTERY BACKUP (EM) 3.8 WATT LED	SEE ELEVS 8'- 0" TYP	OPEN CEILINGS OR WALL MOUNTED AT SALES EXIT SIGNS TO BE WHITE WITH
			VOLTAGE DROP CHART ON E-121		14'-2 1/2" COVE	A-160 FOR COVE DETAIL. SEE A-151 FOR DRIVER	9			KELESSEN SKYER TRIM ENVERSENCY	AMERUX HORMET - BLACK TRUM MBI-MP-R-MC-M17,720,120-LEPTE HOLHP-RA-A27-T-MBB-MFL-309 ROUMD ADJUST ABLE LIGHT AMERUX HORMET - SILVER TRUM HOLHP-R-MC-A17,720-120-LEPTE-EN HOLHP-RA-A17,7-50-814-1-309		VEN MICHA	PROMOE 90 MM BATTERY BACKUP KOAMP RATEDY	EX4 — —	LLL	1	MOUNTED SUSPENDED	W/BATTERY BACK-UP BEST EZXTEU-2-R-W-EM BEST EXIT SIGN	3.8 WATT LED	13'-0" MAX SEE ELEVS 13'-0" MAX	RED LETTERS. USED ONLY IN BOH EXIT SIGNS TO BE WHITE WITH
1 —	LLL 1	SUSPENDED	LUMEN WERX - WHITE PENDANT	LED INCLUDED	8'-6"	CUSTOM SIZE LEAD TIME	R\$6,402			ŖĔĠĔŖŖŖ	31/2" ROLINIO ADIVISTABLE LIGHT AMERIUX HORNET - SILVER TRIKU HOL-HP-RAC-ALT T- SILVER TRIKU HOL-HP-RA-KLT T- SILV-MFL-389	18 XYATT (ED	CEKINGAT				//9//	/SURFACE///	W/BATTERY BACK-UP - GCTO SUSPEND BY RIGID CONDUIT EMERSI-LITE EDE-1-W-A/ULSINGLE FACE	/3.5/W/KTT\$//	SEE ELEVS	RED LETTERS. USED ONLY IN BOH JUSE THIS SPEC FOR ALL CAMA
			RIMSP-XX-XX-ULO-LED90-MEDIUM OUTPUT-30-UNV-D1-1-RDB-W -POC-60IN-W	7 WATTS/LF		3-4 WEEKS, SIZE ROUNDED TO THE CLOSEST FT INCREMENT, DIMMABLE				ICIBAMP RATEL	/			REOXINEDO	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			MOUNTED OR SUSPENDED SUBFACE	EXIZ	3/WATT\$	23'-96" N/AX	PROJECTS USE THIS SPEC FOR ALL CANA
2	LLL 2	SEMI-RECESSE	D SOLAIS LUCIE: SAR12-PW1-OF-PW-NFL-9 -30-1600-UNV-NCW	16 WATTS/ HEA TOTAL 32 WATT			T1	LLL		RECESSED	CON TECH LT-4-P, LT-6-P, LT8-P, LT-12-P, 1 CIRCUIT WHITE TRACK, SURFACE MOUNT WHEN RECESSED IN CEILING	-	CEILING HT.	TRACK TO BE RECESSED INTO GWB CEILING OR SURFACE MOUNTED AT	EM-CAN	LILL	1	MOUNTED OR SUSPENDED SURFACE MOUNTED OR	ELM6L-UVOLT-LTP-SDRT SUPPLY RIGID CONDUIT FOR SUSPENSION	10.6 WATTS	14'-0" TYP	USE THIS SPEC FOR CANADA PROJECTS WITH P-7 (LIGHT)
8///////		/ SEMI-HECESSE	6/AKNERILIX HORIVET/WHTE/Y3/\$PØT\$/	//38/N/A/75/1/5A	B/CEKKKACHA//						TROUGH, OTHERWISE RECESS INTO GWB CEILING, PROVIDE FRY REGLET DRYWALL REVEAL MOLDING DRM-625-150			GWB TROUGH. SEE PLANS FOR LENGTHS, PATTERNS, AND QTYS	EMI-CANS	/\\////		SUSPENDED SURFACE MOUNTED OR	AS REQUIRED ELMGK-B-0VØLT-/CTP/SDRT SUPPLY RIGID CONDUIT FOR SUSPENSION	10/6 WAT/S	14-0"/TYP	OPEN TO DECK WSETHIS SPECTOR ALL CAMAI PROJECTS WITH 1-1/1 OPE
0010				NOTAL S# WAY			T2	LLL	REF RCP	SUSPENDED	CON TECH LT-4-P, LT-6-P, LT8-P, LT-12-P, 1 CIRCUIT SUSPENDED WHITE TRACK,	-	SUSPENDED 12'-0"	HANG FROM STRUCTURE, VERIFY MOUNTING WITH	EM1 🗖	LILL	10	SUSPENDED / RECESSED	AS REQUIBED / / / / / / / / / / / / / / / / / / /	9 WATTS	CEILING HT.	USE THIS SPEC FOR GWB CEILINGS AT SALES
			6 AKNERIUX HORNET / WHITE W3/SPOTS MP-RISR-MC-FBAME-T-3-120-1271 1-10-5R-MC-TRIM-T-3-18-MT-120-271 MH2-MFI-MFI-309-1E/TE AKNERIUX HORNET / SILVER W2/SPOTS MP-RISR-MC-FBAME-T-2-120-1E/TE 1-18-8-MC-TBUM-T-2-28-51-120-2711	18 NVATTS VIEA 10 TAX 36 NV TA	B/CEXWIG HAT						SUSPEND ON 1/16" GALVANIZED CABLE (GI-16TRK-44-120") FROM LLL-V CANOPY (Q5-14-W), SEE DETAIL 7/A-520			DESIGNER PRIOR TO INSTALL. SEE PLANS FOR LENGTHS, PATTERNS, AND	PM2	/w///		SUSPENDED	DUAL LITE EV-2 WHITE ON STEM	2 × 1 × NATT LED	14 - 8" TAP	VISETHUS SPECTON PROJECTS WITH P/1 (VIGHT) OPEN TO D
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	//\X\XF\Z-XX\X\JC3\0\8-X\F4\X\F//////////////	/\/////////////////////////////////////	(X//////////	X/////////////////////////////////////	T4	LLL	REF	SUSPENDED	CON TECH LT-4-B, LT-6-B, LT8-B, LT-12-B,	-	SUSPENDED	QUANTITIES HANG FROM STRUCTURE,	ÉMŹB	/ Ku///		&USP ENDED	BY ACK ON STEIN	2/x 1/WeATZED	14' /6" /YP	USE THIS SPECTOR PROJECTS WITH P-1/P-12 OPEN 10,000
			AKNERILUX CYLHUGRIX -MHITE-X2-SPOTE C3KN64SR-NK-FRANNE-T-2-120/LE/TE C3MR-NC-T-2-2X-NM-120-217-NF-NMF-	TOTAL ATMATA					RCP		1 CIRCUIT SUSPENDED BLACK TRACK, , SUSPEND ON 1/16" GALVANIZED CABLE		12'-0"	VERIFY MOUNTING WITH DESIGNER PRIOR TO	EM3/			SURFACE/ MOUNTED	DUAL/LITE EV-2/ WHITE	2 X 1 XVAZT LED	99'- 6" AFF	BUG EYE EMERGENCY LIGHT
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>					(GI-16TRK-44-120") FROM LLL-V CANOPY (Q5-14-B), SEE DETAIL 7/A-520			INSTALL. SEE PLANS FOR LENGTHS, PATTERNS, AND QUANTITIES	EM8B			NOUNTED	BYACK BYACK	/ JXX JXW LED///	() 97 - 96" APFF	Y BUG FAF EMERGENCY LIGHT

LIGHTING FIXTURE SCHEDULE NOTES:

- A. PLEASE CONTACT CS ILLUMINATION FOR ALL LIGHTING PURCHASES & QUESTIONS.

 MICHELE MCBRIDE 760.477.1244 EXT. 215 OR

 MMCBRIDE@CSILLUMINATION.COM
- B. ALL FIXTURES ARE TO BE FURNISHED BY OWNER'S VENDOR, INSTALLED BY GC, UNLESS NOTED OTHERWISE.
- C. CONTRACTORS SHALL CONFORM TO ALL APPLICABLE LOCAL, PROVINCIAL AND NATIONAL CODES.
- D. ALL FIXTURES SHALL BE ULC LISTED.
- E. ALL FIXTURES SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- F. DO NOT SCALE DRAWINGS. FIELD VERIFY ALL DIMENSIONS. NOTIFY ARCHITECT OF AND DISCREPANCIES.



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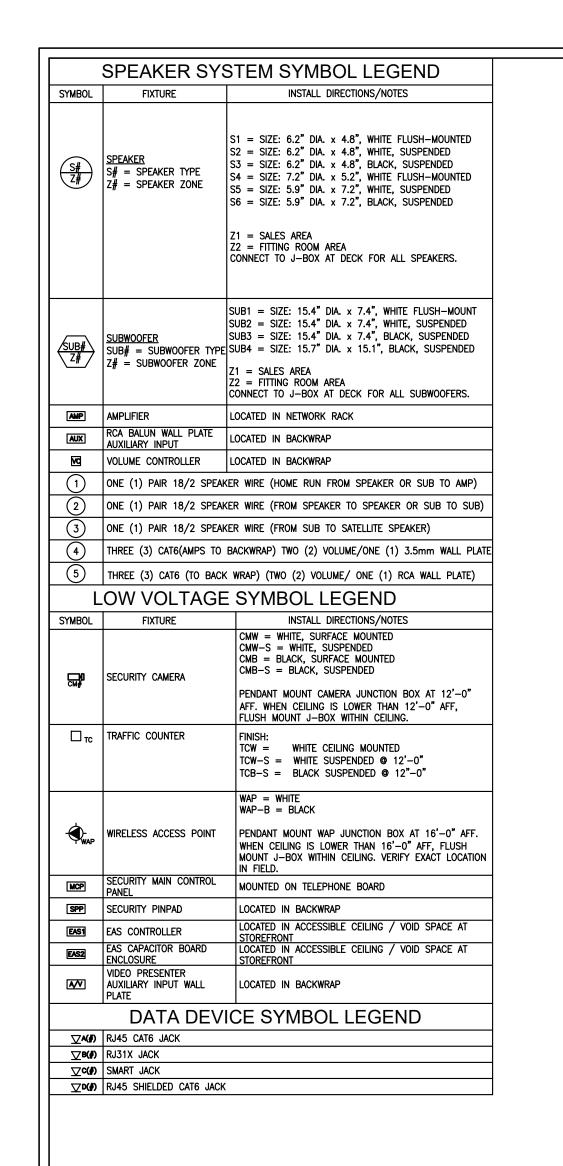
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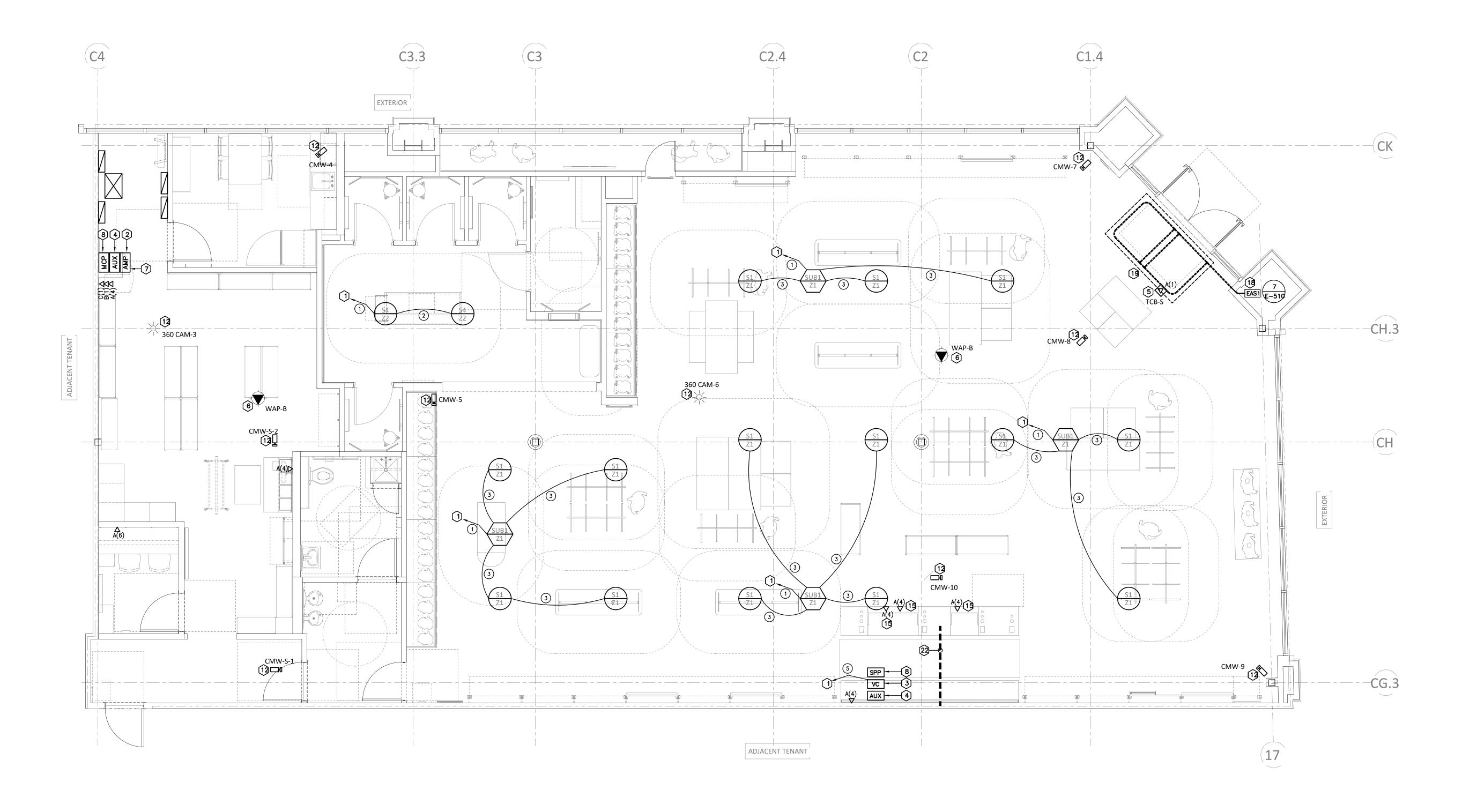
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DRAWN BY: SW

ELECTRICAL LIGHTING LEGEND

DRAWING NUMBER





⊕ CODED LOW VOLTAGE NOTES

WIRELESS ACCESS POINT (WAP):

- HOME RUN(S) FROM AMPLIFIER TO SUBWOOFER AS SHOWN ON PLAN. PROVIDE SPEAKER WIRE / 3/4" CONDUIT ROUTED FROM AMPLIFIER TO SUBWOOFER / SPEAKERS AS DIRECTED BY SPEAKER VENDOR. VERIFY ALL REQUIREMENTS WITH SPEAKER VENDOR, AS REQUIRED.
- 2. MUSIC SYSTEM AMPLIFIER LOCATED IN NETWORK RACK.
- PROVIDE ONE (1) DOUBLE GANG JUNCTION BOX FOR ZONE 1 AND ZONE 2 VOLUME CONTROLLERS. PROVIDE 3/4" CONDUIT FROM VOLUME CONTROLLER JUNCTION BOX WIRING FROM AMPLIFIER TO VOLUME CONTROL AS DIRECTED BY SPEAKER VENDOR-TWO (2) CAT6 CABLES. VERIFY EXACT LOCATIONS WITH MILLWORK CONTRACTOR.
- PROVIDE (2) SINGLE GANG JUNCTION BOXES FOR RCA WALL INPUT FOR PORTABLE MUSIC PLAYER AT BACKWRAP AND AMP INPUT IN NETWORK CLOSET. ROUTE 3/4" CONDUIT FROM JUNCTION BOX AT BACKWRAP TO JUNCTION BOX AT AMP WITH ONE (2) CAT6 DATA WIRE. VERIFY EXACT LOCATION OF THE RCA JUNCTION BOX WITHIN NETWORK CLOSET WITH SPEAKER VENDOR PRIOR
- STOREFRONT HEADCOUNT THERMAL SENSOR. CONFIRM EXACT LOCATION WITH ARCHITECT. SURFACE MOUNTED AT HARDLID CEILINGS LESS THAN 16'-0" AFF, AND SIDE-MOUNTED ON SOFFITS: RUN DATA CABLE OUT OF SMALL HOLE CEILING FINISHES. DEVICE TO MOUNT DIRECTLY TO SURFACE. AT OPEN CEILINGS AND CEILINGS ABOVE 16'-0" AFF: PROVIDE OCTAGONAL JUNCTION BOX AT DECK AND EXTEND 3/4" CONDUIT VERITCALLY DOWN TO ANOTHER OCTAGONAL BOX AT 12'-0" AFF".
- PROVIDE JUNCTION BOX AT DECK, EXTEND 3/4" CONDUIT TO SQUARE JUNCTION BOX AT 16'-0" AFF.
- 7. NETWORK LADDER LOCATION. VERIFY ALL REQUIREMENTS WITH LOW VOLTAGE VENDOR AS REQUIRED. 8. PROVIDE ROUGH-IN JUNCTION BOXES FOR SECURITY DEVICES AT MAX. 42" A.F.F. SECURITY DEVICES AND WIRING BY OTHERS.
- VERIFY EXACT LOCATIONS WITH MILLWORK CONTRACTOR.
- 9. PROVIDE JUNCTION BOX 54" AFF, PLASTER RING, AND 1/2" CONDUIT WITH PULL STRING FROM TEMPERATURE SENSOR TO THERMOSTAT. FINAL CONNECTION BY MECHANICAL CONTRACTOR.

10. PROVIDE 1" CONDUITS IN OR UNDER SLAB AND ROUTE CONCEALED IN WALL UP TO DECK AND BACK TO IT CLOSET FOR FUTURE

LANDLORD FOR SLAB TRENCHING REQUIREMENTS. REFER TO DETAIL "1" ON SHEET E-510 FOR ADDITIONAL INFORMATION. 1. PROVIDE FIRE-RATED PLYWOOD TELEPHONE BACKBOARD. EXTEND ANY EXISTING CONDUIT TO THIS LOCATION FOR TELEPHONE

USE WITH PULL STRINGS. REFER TO SHEET E-110 FOR ADDITIONAL POWER CONDUITS AT THIS AREA. COORDINATE WITH

- SERVICE. COORDINATE WITH LANDLORD AND OWNER REPRESENTATIVE. REFER TO DETAIL "4" ON SHEET E-511 FOR BACKBOARD SIZE AND ADDITIONAL INFORMATION. 2. PROVIDE JUNCTION BOX FOR FUTURE USE FOR SECURITY CAMERAS. AT HARDLIDS: PROVIDE OCTAGONAL JUNCTION BOX. DEVICE
- MOUNTS DIRECTLY TO JUNCTION BOX. AT OPEN CEILING: PROVIDE OCTAGONAL JUNCTION BOX AT DECK WITH SWIVEL-MOUNT VERTICAL 3/4" CONDUIT DOWN TO 12'-0" AFF". DEVICE MOUNTS DIRECTLY TO CONDUIT. FOR OPEN CEILINGS PROVIDE A 3/4" CONDUIT DROP, NO JUNCTION BOX REQUIRED.
- 13. REFER TO MOUNTING DETAILS ON ARCHITECT'S DETAIL DRAWINGS FOR ADDITIONAL INFORMATION.
- 14. DATA OUTLET FOR DIGITAL FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 15. DATA OUTLET FOR POINT OF SALE (POS) STATION.

LANDLORD FOR SLAB TRENCHING/CORING REQUIREMENTS.

- 16. FIRE ALARM PANEL. COORDINATE FINAL LOCATION WITH FIRE/SAFETY CONTRACTOR PRIOR TO ROUGH—IN:
- 17. ACCESS PANEL BY GC TO BE USED AS ACCESS TO EQUIPMENT LOCATED ABOVE CEILING OR WALL CAVITY.

21. DATA OUTLET FOR INTERACTIVE MIRROR FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT.

- 18. ELECTRONIC ARTICLE SURVEILLANCE (EAS) EQUIPMENT. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
- 19. ELECTRONIC ARTICLE SURVEILLANCE (EAS) ANTENNAS. REFER TO DETAIL FOR ADDITIONAL INFORMATION. 0. PROVIDE ONE (1) SINGLE GANG JUNCTION BOX FOR AUXILIARY VIDEO PRESENTER CONNECTION. PROVIDE 3/4" CONDUIT AND
- PULL STRING FROM VIDEO PRESENTER JUNCTION BOX TO NETWORK CLOSET. VERIFY EXACT LOCATIONS WITH MILLWORK
- 22. PROVIDE 1" CONDUITS IN OR UNDER SLAB AND ROUTE CONCEALED IN WALL UP TO DECK AND BACK TO IT CLOSET FOR FUTURE USE WITH PULL STRINGS. REFER TO SHEET E-110 FOR ADDITIONAL POWER CONDUITS AT THIS AREA. COORDINATE WITH
- 23. BUZZER SYSTEM: INSTALL A DELIVERY BUZZER SYSTEM AS SHOWN ON DRAWINGS, REFER TO DETAIL "5" ON SHEET E-510. 24. DATA FOR FUTURE DIGITAL FIXTURE AT COMMUNITY WALL LOCATED ABOVE CEILING AT ACCESS PANEL NEAR AMBASSADOR FIXTURE. FURNISH AND INSTALL 6' WHIP ABOVE CEILING.

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ELECTRICAL LOW VOLTAGE PLAN

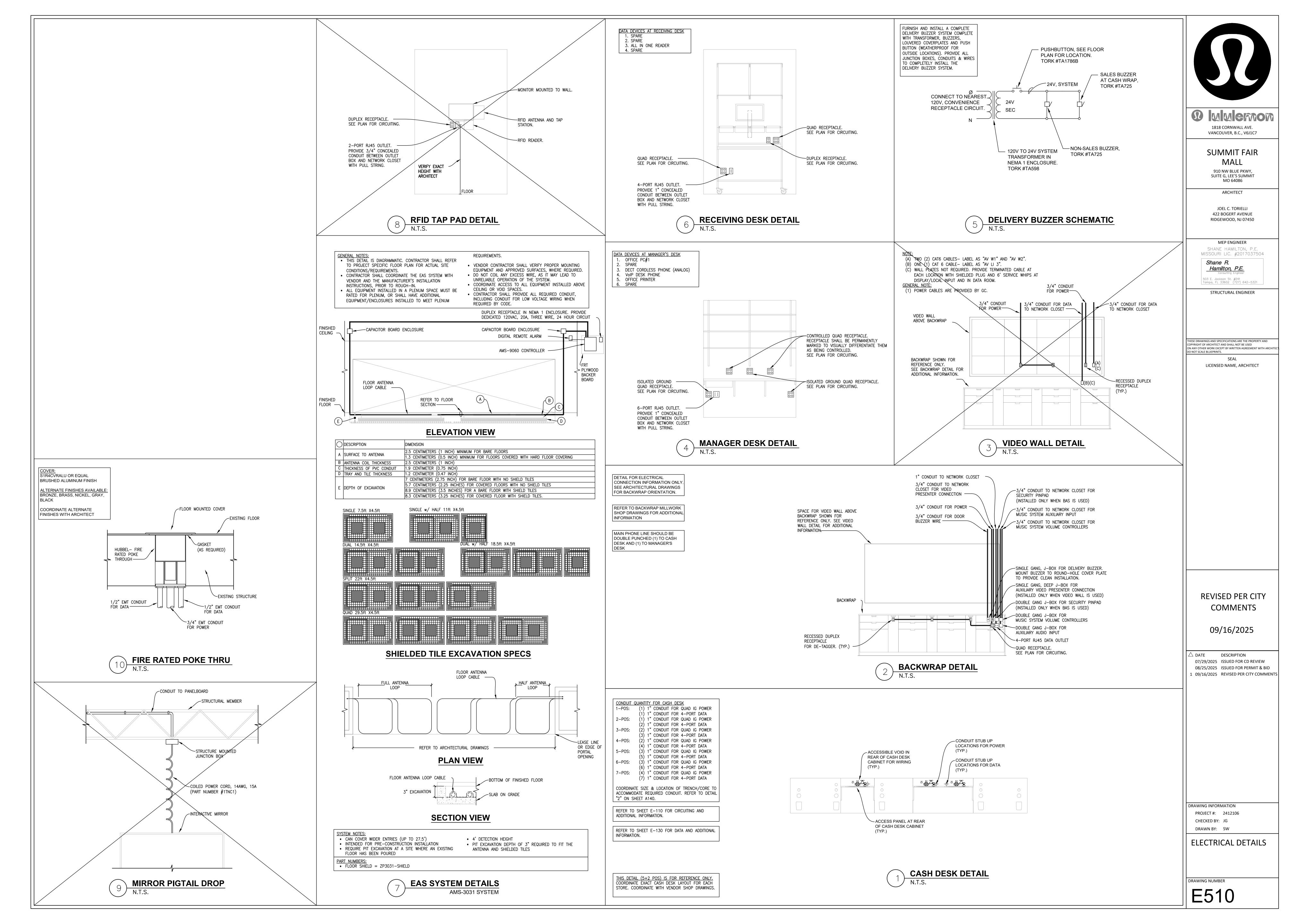
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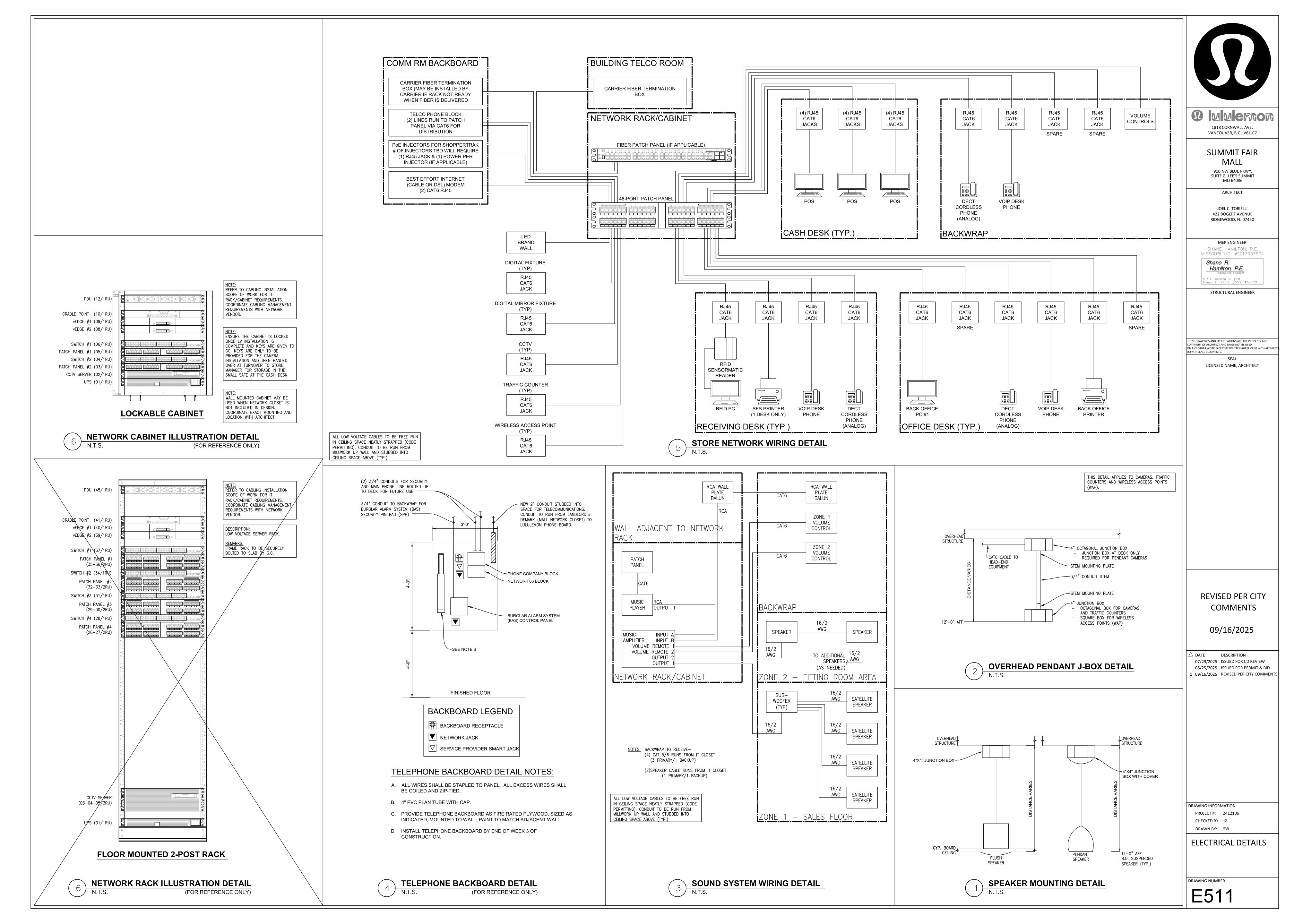
GENERAL LOW VOLTAGE NOTES

DUCTS, OR OTHER POTENTIALLY DAMAGING ITEMS.

- A. ALL LOW VOLTAGE WIRING SHALL ONLY BE IN CONDUIT IN WALLS AND AT DROP LOCATIONS, UNLESS REQUIRED BY CODE. B. ALL EXPOSED LOW VOLTAGE WIRING SHALL BE PLENUM RATED CABLE AND SHALL MATCH CEILING COLOR, UON. INSTALL EXPOSED CABLE PARALLEL AND PERPENDICULAR TO SURFACES OR EXPOSED STRUCTURAL MEMBERS, AND FOLLOW SURFACE CONTOURS, WHERE POSSIBLE. CABLE SHALL NOT BE RUN THROUGH STRUCTURAL MEMBERS OR IN CONTACT WITH PIPES,
- C. SECURE AND SUPPORT CABLE AT INTERVALS NOT EXCEEDING 60 INCHES AND NOT MORE THAN 6 INCHES FROM CABINETS, BOXES, FITTINGS, OUTLETS, RACKS, FRAMES, AND TERMINALS.
- D. ALL CONDUIT, WHERE REQUIRED BY CODE, WILL BE 3/4" EMT AND ROUTED UP TO DECK UNLESS NOTED OTHERWISE.
- E. ALL CONDUIT, WHERE REQUIRED BY CODE, IS TO BE RUN IN NEAT AND ORDERLY GROUPS.
- F. ALL CONDUITS SHALL HAVE POLY PULL STRING INSTALLED AND TIED AT EACH END.
- G. CONDUIT FOR DATA/TELEPHONE OUTLETS, WHERE REQUIRED BY CODE, SHALL HAVE NO MORE THAN THREE 90° BENDS. IF THE CONDUIT RUN REQUIRES MORE THAN THREE 90° BENDS, PROVIDE A PULL/JUNCTION BOX AFTER EACH SET OF THREE 90°
- H. INSTALL CABLE USING TECHNIQUES, PRACTICES, AND METHODS THAT ARE CONSISTENT WITH THE RATING OF COMPONENTS, AND TEST EACH LOW VOLTAGE CABLE TO ENSURE THE PERFORMANCE OF COMPLETED AND LINKED SIGNAL PATHS, END TO END. ANY CABLES THAT ARE KINKED, HAVE A BROKEN CABLE SHEATH, DAMAGED DURING INSTALLATION, OR FAIL TESTING MUST BE REPLACED AT NO ADDITIONAL COST TO OWNER. THE OWNER RESERVES THE RIGHT TO HAVE A REPRESENTATIVE PRESENT DURING ALL OR A PORTION OF THE TESTING PROCESS.
- INSTALL A MINIMUM 10-FOOT LONG SERVICE LOOP ON EACH CABLE.
- MAINTAIN SEPARATION OF WIRES FOR UNSHIELDED COPPER COMMUNICATION CABLES FROM POTENTIAL EMI SOURCES, INCLUDING ELECTRICAL POWER WIRING AND EQUIPMENT. COORDINATE EXACT REQUIREMENTS WITH SYSTEM VENDOR.
- K. ALL TELEPHONE JACKS ARE BY OTHERS.
- L. DEPENDING ON SERVICE AVAILABILITY, SOME STORES WILL HAVE EITHER CABLE OR DSL INTERNET SERVICE, NOT BOTH. M. REFER TO SHEET A-170 FOR SPEAKER, CAMERA, WAP AND TRAFFIC COUNTER LOCATION DIMENSIONS. COORDINATE EXACT
- LOCATION FOR HEAD-END SYSTEM EQUIPMENT.
- N. ALL CONDUIT SHALL BE INSTALLED AND SECURED TO SUPPORT WEIGHT OF INTENDED SPEAKER.
- O. SPEAKER WIRING JUNCTION BOX SHALL BE FULLY ACCESSIBLE.
- P. ALL COMPONENTS SHALL BE CONNECTED TO AN AC SURGE PROTECTOR STRIP.

ELECTRICAL LOW VOLTAGE PLAN





ELECTRICAL SPECIFICATIONS

GENERAL CONDITIONS:

- A. THE REQUIREMENTS AS SET FORTH UNDER GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND GENERAL REQUIREMENTS ARE A PART OF THIS CONTRACT.
- B. BIDS SHALL BE BASED ON A COMPLETE/FULL SET OF DRAWINGS.
- C. CONTRACTOR MUST READ THE ENTIRE SPECIFICATIONS COVERING OTHER BRANCHES OF WORK AND IS RESPONSIBLE FOR COORDINATION OF THE WORK WITH WORK PERFORMED BY OTHER TRADES.

SCOPE OF WORK:

- A. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. ALL REQUIREMENTS INCLUDING MODIFICATIONS WHICH ARE REQUIRED TO MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO BE OBTAINED BY ELECTRICAL CONTRACTOR PRIOR TO AND INCLUDED IN BID PRICE. FIELD VERIFY ALL EXISTING ELECTRICAL AND TELEPHONE EQUIPMENT, LOCATIONS, CONDITIONS ETC. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THE CONTRACTOR FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE ELECTRICAL WORK.
- B. FURNISH ALL LABOR, MATERIALS, TESTING, EQUIPMENT, INCIDENTALS AND TOOLS TO PERFORM ELECTRICAL WORK SHOWN, NOTED OR SCHEDULED FOR A COMPLETE AND FINISHED INSTALLATION.
- 1. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND AS SUCH APPEAR ON THE UNDERWRITERS LABORATORIES LIST OF APPROVED ITEMS AND SHALL BE SIZED IN CONFORMITY WITH REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES, WHICHEVER ARE MORE STRINGENT.
- C. THE WORK IS TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.
- D. INCLUDE ANY LABOR AND MATERIALS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO PROVIDE A COMPLETE AND FULLY OPERATIVE ELECTRICAL

PERMITS:

SYSTEMS.

- A. SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, ASSESSMENTS AND INSPECTION CERTIFICATES THAT RELATE TO THE ELECTRICAL CONTRACT.
- B. FURNISH APPROVED CERTIFICATE OF FINAL INSPECTION, AND TURN OVER TO OWNER AT COMPLETION OF PROJECT.

DRAWINGS AND SPECIFICATIONS:

A. THIS ELECTRICAL PLANS ARE DIAGRAMMATIC, NOT SHOWING EVERY ITEM IN EXACT LOCATION OR DETAIL. MEASUREMENTS AND LOCATIONS MUST BE FIELD VERIFIED AND COORDINATED WITH ARCHITECTURAL, PLUMBING, HVAC, FIRE PROTECTION, FIRE ALARM, STRUCTURAL, AND OTHER BUILDING DRAWINGS.

SHOP DRAWINGS:

- A. SUBMIT FIVE COPIES OF MATERIAL LISTS AND SHOP DRAWINGS FOR MAJOR EQUIPMENT TO THE OWNER'S CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO ORDERING EQUIPMENT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS EARLY ENOUGH IN PROJECT TO ALLOW AMPLE TIME FOR OWNER'S REVIEW WITHOUT CAUSING TIME DELAYS OR CONFLICTS IN THE JOB PROGRESS. SUBMITTALS SHALL BE IN ACCORDANCE WITH GENERAL CONDITIONS AND THE MANUFACTURERS LISTED ON THE DRAWINGS AND SHALL BEAR THE STAMP OF THE CONTRACTOR SHOWING THAT HE HAS REVIEWED AND APPROVED THEM AND THAT THEY ARE IN CONFORMANCE WITH THE CONTRACT DRAWINGS. LACK OF SUCH CONTRACTOR'S APPROVAL WILL BE CAUSE FOR REJECTION WITHOUT REVIEW BY THE
- B. WHERE TRADE NAMES, BRANDS OF MANUFACTURERS OF EQUIPMENT OR MATERIALS ARE SHOWN ON THE DRAWINGS OR SPECIFICATIONS THE EXACT EQUIPMENT SHALL BE USED ON THE PROJECT. THE USE OF ANY UNAUTHORIZED EQUIPMENT SHALL BE SUBJECT TO REMOVAL/REPLACEMENT AT THE REQUEST OF THE OWNER'S CONSTRUCTION MANAGER (AT THE ELECTRICAL CONTRACTOR'S EXPENSE).

CONDUITS:

- A. CONDUIT SHALL BE STANDARD STEEL RIGID, IMC OR EMT (THIN WALL)
 ACCORDING TO LOCAL CODE AND LANDLORD REQUIREMENTS. CONDUIT
 SHALL BE CONCEALED IN FINISHED AREAS, EXCEPT AS OTHERWISE
 APPROVED BY ARCHITECT. EMT CONNECTIONS SHALL BE COMPRESSION
 OR SET SCREW TYPE.
- B. FLEXIBLE CONDUIT OR TYPE MC CABLE SHALL BE USED FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS AND VIBRATING EQUIPMENT ONLY; AND WHERE SO USED TO BE GROUNDED WITH A SEPARATE FULL SIZED GREEN GROUNDING CONDUCTOR. FINAL TYPE MC/FLEX CONNECTIONS SHALL BE LIMITED TO 6'-0" IN LENGTH. (ARRANGE CIRCUITS SO AS TO AVOID THE USE OF JUNCTION BOXES ABOVE DRYWALL CEILING AREAS, JUNCTION BOXES LOCATED ABOVE LAY-IN CEILINGS ARE ACCEPTABLE.)
 - MINIMUM SIZES OF CONDUITS SHALL BE 3/4" FOR STANDARD CONDUIT, AND 1/2" FOR FLEX CONDUIT (1/2" STANDARD CONDUIT AND 3/8" MC CABLE MAY BE USED AS SPECIFIED ABOVE, IF ACCEPTABLE WITH LANDLORD AND LOCAL CODES, ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH LANDLORD & INSPECTION AGENCIES PRIOR TO INSTALLATION). ELECTRIC METALLIC TUBING (EMT) SHALL BE GALVANIZED OR ELECTRO-GALVANIZED. FITTINGS SHALL BE SET SCREW OR COMPRESSION TYPE, FITTING SHALL BE AS MANUFACTURED BY REGEL, STEEL CITY, RACO, T & B, EFCOR OR EQUAL. EMT SHALL BE USED FOR FEEDERS AND BRANCH CIRCUITS RUN ABOVE SUSPENDED CEILINGS OR CONCEALED IN INTERIOR PARTITIONS.
 - 2. PAINTING OF ELECTRICAL CONDUITS, ETC., IF REQUIRED, WILL BE BY GENERAL CONTRACTOR.

C. THE USE OF ROMEX OR BX IS NOT PERMITTED.

D. MAXIMUM CONDUIT HANGER SPACING SHALL BE 8'-0" FOR 3/4" THRU 1 1/4" AND 10'-0" FOR 1 1/2" THRU 4" CONDUITS. DO NOT SUPPORT CONDUIT FROM THE CEILING SYSTEM.

- E. LEAVE A #10 AWG PULL WIRE OR NYLON PULL STRING IN ALL EMPTY
- F. SECURE ALL RACEWAYS TO THE BUILDING STRUCTURE IN A RIGID AND SECURE MANNER, USING FASTENERS SUCH AS "CADDY CLIPS" OR EQUAL.
- G. FLASH AND COUNTERFLASH ALL RACEWAYS WHICH PENETRATE THE ROOF OR USE PITCH POCKETS. INSURE THAT PENETRATIONS ARE COMPLETELY WEATHERPROOF. ALL RACEWAY SYSTEMS EXPOSED TO THE WEATHER SHALL BE WEATHERPROOF. PRIOR APPROVAL BY LANDLORD IS REQUIRED TO ADD ADDITIONAL EQUIPMENT LOADS TO STRUCTURE OR TO MAKE HOLES IN EXISTING ROOF. NOTIFY LANDLORD'S ROOFING CONTRACTOR AT LEAST 72 HOURS PRIOR TO ANY REQUIRED ROOF WORK.

WIRE

A. WIRE SHALL BE SINGLE CONDUCTOR COPPER WITH 600 VOLT INSULATION. MINIMUM WIRE SIZE SHALL BE #12 AWG, ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE BROUGHT TO THE SITE IN UNBROKEN PACKAGES. ALL WIRING OF ANY TYPE SHALL BE IN CONDUIT. NO STRANDED WIRE ALLOWED FOR #10 AND #12 AWG.

MINIMUM WIRE SIZE - 20 AMP BRANCH CIRCUIT SHALL BE AWG LISTED SIZE PER DISTANCE SHOWN BELOW. DISTANCE SHALL BE MEASURED FROM THE PANELBOARD CIRCUIT BREAKER TO THE FARTHEST OUTLET.

- a. #12 LESS THAN 100 FEET
- b. #10 BETWEEN 100-150 FEET
- c. #8 BETWEEN 150-250 FEET
- d. #6 OVER 250 FEET
- 1. GENERAL WIRING SHALL BE THW OR THHN. (ALUMINUM CONDUCTORS ARE NOT PERMITTED.)
- B. WIRE CONNECTORS SHALL BE EQUAL TO SCOTCHLOCK FOR #8 AND SMALLER, AND EQUAL TO T & B "LOCK-TITE" FOR #6 AND LARGER.
- C. THE SHARING OF NEUTRAL'S IN THE SALES AREA IS ACCEPTABLE, PROVIDED THAT HANDLE TIES OR MULTIPLE POLE CIRCUIT BREAKERS ARE USED PER NEC 210.4(B). ALL OTHER EQUIPMENT REQUIRING A NEUTRAL CONDUCTOR SHALL HAVE A DEDICATED FULL SIZE NEUTRAL.
- D. ALL WIRING TO BE COLOR CODED AS FOLLOWS:

120/208 VOLT SYSTEM277/480 VOLT SYSTEMNEUTRAL - WHITENEUTRAL - WHITE WITH TRACER OR GRAYPHASE A OR L1-BLACKPHASE A OR L1-BROWNPHASE B OR L2-REDPHASE B OR L2-ORANGEPHASE C OR L3-BLUEPHASE C OR L3-YELLOWGROUND-GREENGROUND-GREEN WITH TRACER

LIGHTING:

- A. LIGHTING FIXTURES AND LAMPS SHALL BE FURNISHED AS SCHEDULED ON THE LIGHTING FIXTURE SCHEDULE. ELECTRICAL CONTRACTOR SHALL INSTALL ALL FIXTURES AND LAMPS. FLUORESCENT FIXTURES SHALL HAVE HPF BALLASTS WITH EFFICIENCY FACTORS IN ACCORDANCE WITH THE LOCALLY ADOPTED ENERGY CODE.
- B. LIGHT FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURAL 12GA WIRE SUPPORT TO OPPOSING CORNERS OF EACH RECESSED LIGHTING FIXTURE IN SUSPENDED CEILINGS. INSTALLATION SHALL CONFORM TO UBC NO 25.213 AND 25.214.

WIRED GROUND SYSTEM:

- A. FURNISH AND INSTALL A COMPLETE WIRED GROUNDING SYSTEM FOR ELECTRICAL EQUIPMENT AND CIRCUITS AS SHOWN ON THE DRAWINGS AND DESCRIBED GENERALLY BELOW.
- B. ALL GROUNDING CONDUCTORS SHALL BE GREEN, WHERE EXPOSED IN PANEL, SWITCHBOARD, OUTLET, BOXES, ETC.
- C. ALL ENCLOSURES AND NON-CURRENT CARRYING METALS TO BE GROUNDED. CONDUIT SYSTEM TO BE ELECTRICALLY CONTINUOUS. ALL LOCK NUTS MUST CUT THROUGH ENAMELED OR PAINTED SURFACES ON ENCLOSURES. WHERE ENCLOSURES AND NON-CURRENT CARRYING METALS ARE ISOLATED FROM THE CONDUIT SYSTEM, USE BONDING JUMPERS WITH APPROVED CLAMPS.
- D. RUN A SEPARATE GROUNDING CONDUCTOR IN EACH CONDUIT, #12
 MINIMUM, OR AS SHOWN ON DRAWINGS. FOR PANEL FEEDERS BOND THE
 GROUNDING CONDUCTOR TO THE CONDUIT, WHERE ENTERING AND
 LEAVING THE CONDUIT. ALL GROUND CLAMPS SHALL BE PENN-UNION OR
 EQUAL, SIMILAR TO "GPL" TYPE. CONDUIT GROUND BUSHINGS SHALL BE
 THOMAS & BETTS OR EQUAL, SIMILAR TO #3800 SERIES WITH NYLON
 INSULATED THROAT.
- E. ALL DEVICES SHALL BE BONDED TO THE CONDUIT SYSTEM. USE A BONDING JUMPER BETWEEN THE OUTLET BOX AND THE DEVICE GROUNDING TERMINAL. METAL-TO-METAL CONTACT BETWEEN THE DEVICE YOKE AND THE OUTLET BOX IS NOT ACCEPTABLE AS A BOND FOR EITHER SURFACE MOUNTED BOXES OR FLUSH TYPE BOXES. ALL JUNCTION BOXES, OUTLET BOXES AND PULL BOXES SHALL BE BONDED TO THE CONDUIT SYSTEM. ALL FLEXIBLE CONDUIT SHALL BE JUMPERED WITH A GROUND CONDUCTOR.

WIRE DEVICES: A. COLOR OF WIRING

- A. COLOR OF WIRING DEVICES AND COVERPLATES SHALL BE SELECTED BY ARCHITECT. (SEE PLAN NOTES FOR ADDITIONAL INFORMATION).
- 1. RECEPTACLES SHALL BE 20 AMP, 3-WIRE GROUNDING TYPE EQUAL TO HUBBELL 5362.
- SWITCHES SHALL BE 20 AMP SPECIFICATION GRADE, RATED AT 120 OR 277 VOLT, AS REQUIRED.
- 3. SPECIAL DEVICES SHALL BE A SPECIFICATION GRADE.
- 4. FLOOR BOXES TO BE HUBBELL #B-2527/29 WITH S-3925 BRASS COVER (OR EQUAL BY "STEEL CITY") AND HUBBELL 5362 RECEPTACLE (UNLESS OTHERWISE NOTED)
- 5. EQUAL BY ARROW-HART, GENERAL ELECTRIC, BRYANT, PASS & SEYMOUR, OR SIERRA.

PANELBOARDS AND SAFETY SWITCHES:

- A. PROVIDE BRANCH CIRCUIT PANELS WHICH SHALL BE OF THE BOLTED CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSSING FULL SIZED NEUTRAL, 25% GROUND BUSSING, OVERALL HINGED/LOCKABLE DOOR, AND TYPEWRITTEN DIRECTORY INSIDE DOOR. ALL SERVICE ENTRANCE EQUIPMENT SHALL BEAR THE MANUFACTURER'S LABEL WHICH SHALL STATE THAT THE EQUIPMENT IS RATED FOR SERVICE ENTRANCE APPLICATION IN ACCORDANCE WITH N.E.C. #230-70. LOAD BALANCE ALL ELECTRICAL PHASES AT PANELS AND SWITCHBOARDS. TWO AND THREE POLE BREAKERS SHALL BE COMMON TRIP TYPE. WHEN USED AS SWITCHES IN 120V. AND 277V. LIGHTING CIRCUITS, FURNISH TYPE "SWD" BREAKERS IN ACCORDANCE WITH N.E.C. #240-83B. SQUARE D OR EQUAL BY SIEMENS ITE, CUTLER-HAMMER, OR GENERAL ELECTRIC (OR APPROVED EQUAL).
- B. PROVIDE SAFETY AND DISCONNECT SWITCHES, FUSED OR NONFUSED, AS CALLED FOR ON DRAWINGS AND AS REQUIRED BY CODE. (FUSES AS MANUFACTURED BY BUSSMAN, CHASE SHAWMUT, ECONOMY FUSE CO., OR LITTLE FUSE CO. ARE ACCEPTABLE). DISCONNECT SWITCHES THAT ARE INSTALLED AT AIR CONDITIONING EQUIPMENT, HEAT PUMPS, ETC SHALL BE FUSED IN ACCORDANCE WITH THE EQUIPMENT'S NAME PLATE REQUIREMENTS PER N.E.C. 440-21 & 110-3B. SWITCHES SHALL BE HEAVY DUTY, QUICK MAKE/QUICK BREAK TYPE, FUSIBLE OR NON-FUSIBLE, WEATHERPROOF AS INDICATED ON THE DRAWINGS, OR AS REQUIRED BY LOCAL CODES. LOAD AND HORSEPOWER RATED AS MANUFACTURED BY SQUARE D, SIEMENS ITE, CUTLER HAMMER, OR GENERAL ELECTRIC (OR APPROVED EQUAL).
- MANUAL MOTOR STARTERS WITH OVERLOAD PROTECTION MAY BE USED FOR FRACTIONAL HORSEPOWER MOTORS THAT DO NOT REQUIRE AUXILIARY CONTROL. SINGLE PHASE STARTERS SHALL BE SQUARE D OR EQUAL. THREE PHASE STARTERS SHALL BE PROVIDED WITH OVERLOAD DEVICE IN EACH PHASE MATCHED TO MOTOR NAMEPLATE RATING. MAGNETIC MOTOR STARTERS (MINIMUM SIZE #1) SHALL BE USED FOR ALL SINGLE PHASE AND THREE PHASE MOTORS RATED ABOVE 1/2 HP OR THAT REQUIRE AUXILIARY CONTROL. PROVIDE CONTROL DEVICES (CONTACTS, TRANSFORMERS, ETC.) IN STARTERS AS REQUIRED FOR INTERLOCKS, COORDINATE WITH MECHANICAL AND/OR TEMPERATURE CONTROL CONTRACTORS. COMBINATION STARTERS, WHEN USED, SHALL CONTAIN FUSIBLE SWITCHES.

BOXES:

GAUGE SIZE.

- A. OUTLET BOXES AND COVERS SHALL BE GALVANIZED, ONE-PIECE PRESSED STEEL KNOCKOUT.
- B. JUNCTION, PULL BOXES AND COVERS SHALL BE GALVANIZED STEEL, CODE
- C. INSTALL BOXES RIGIDLY ON BUILDING STRUCTURE AND SUPPORT INDEPENDENTLY OF THE CONDUIT SYSTEM. ALSO PROVIDE SUITABLE/PROPER BOX EXTENSIONS TO EXTEND BOXES TO FINISHED FACES OF WALLS ETC. ALL OUTLET BOXES TO HAVE SUITABLE BLOCKING BEHIND THEM TO MINIMIZE THE DEFLECTION THAT OCCURS WHEN PLUGGING/UNPLUGGING INTO THESE DEVICES.
- D. WHERE A 277 VOLT LIGHT SWITCH IS GANGED WITH A 120 VOLT RECEPTACLE PROVIDE A SUITABLE DIVIDER OR SEPARATE JUNCTION BOXES IN ACCORDANCE WITH NEC AND LOCAL CODES.

SERVICES:

- A. ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE FROM LANDLORD'S DESIGNATED LOCATION AND PROVIDE LIGHTING, POWER AND WIRING AS REQUIRED TO FACILITATE APPLICABLE TEMPORARY NEEDS, AND FURNISH EXTENSION CORDS. ANY TEMPORARY WIRING, FUSES, ETC., SHALL BE REMOVED UPON COMPLETION OF THE PROJECT. PROVIDE GROUND FAULT PROTECTION AS REQUIRED BY N.E.C. AND LOCAL CODES.
- B. PROVIDE ELECTRICAL SERVICE AS SHOWN ON THE DRAWINGS, FIELD VERIFY EXACT REQUIREMENTS PRIOR TO BIDS. ALL WORK NOT SPECIFICALLY NOTED AS BEING BY THE LANDLORD OR POWER COMPANY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. CLOSELY COORDINATE ENTIRE INSTALLATION WITH LANDLORD AND POWER COMPANY AS REQUIRED. (PROVIDE EQUIPMENT THAT IS COMPATIBLE WITH AVAILABLE FAULT CURRENT LEVELS, PROVIDE "CABLE LIMITERS" IF NECESSARY FOR SYSTEM COORDINATION). FIELD VERIFY EXACT TYPE, SIZE, LOCATION, REQUIREMENTS, ETC. OF EXISTING POWER AND TELEPHONE FACILITIES PRIOR TO BIDDING PROJECT.
- C. MAKE PROVISIONS FOR NEW TELEPHONE SERVICE AS REQUIRED, AND AS INDICATED ON THE DRAWINGS.
- D. CONDUIT SYSTEM FOR TELEPHONE DISTRIBUTION WITHIN TENANT'S PREMISES SHALL BE PROVIDED AS REQUIRED FOR A COMPLETE TELEPHONE SYSTEM. OUTLET BOXES SHALL BE 4" SQUARE MINIMUM WITH SINGLE DEVICE COVER AND TELEPHONE PLATE. CLOSELY FIELD COORDINATE WITH TENANTS CONSTRUCTION MANAGER TO AVOID CONFLICTS.

STEP-DOWN TRANSFORMER:

A. PROVIDE DRY-TYPE TRANSFORMER AS MANUFACTURED BY SQUARE "D", HEAVY DUTY, ACME, GENERAL ELECTRIC, SIEMENS ITE OR OTHER EQUIVALENT MANUFACTURERS, OF THE ENCLOSED VENTILATED TYPE WITH KVA AND VOLTAGE RATINGS AS CALLED FOR ON THE DRAWINGS WITH COILS DESIGNED FOR 150 DEGREE C RISE ABOVE A 40 DEGREE C AMBIENT WITH 100% OF RATED LOAD CONNECTED TO THE SECONDARY, CLASS 220 DEGREE C INSULATION AND A MINIMUM OF SIX STANDARD FULL CAPACITY TAPS (TWO ABOVE AND FOUR BELOW NORMAL). SOUND LEVEL/DECIBELS SHALL BE IN ACCORDANCE WITH "NEMA" STANDARDS, AND INSTALLATION SHALL INCLUDE "KORFOUND" OR EQUAL VIBRATION-DAMPENING MOUNTS AND FLEXIBLE STEEL CONDUIT FOR PRIMARY AND SECONDARY CONNECTIONS TO MINIMIZE SOUND TRANSMISSION. MOUNT TRANSFORMER ON SEPARATE VIBRATION ISOLATORS. THESE ARE ADDITIONAL VIBRATION ISOLATORS AND ARE USED IN CONJUNCTION WITH ANY INTEGRAL FACTORY INSTALLED VIBRATION ISOLATORS.

FIRE ALARM:

A. ELECTRICAL CONTRACTOR TO HIRE LANDLORD REQUIRED FIRE ALARM CONTRACTOR FOR ALL WORK RELATED TO THE FIRE ALARM SYSTEM, INCLUDING ANY SUBMITTALS, APPROVALS, INSPECTIONS, TIE INS, DEVICES, ETC.

LIGHTING CONTACTORS AND TIMER CLOCKS:

- A. CONTACTORS FOR CONTROL OF LIGHTING AND SIGNS SHALL BE SQUARE "D", CLASS 8903, TYPE "L", ELECTRICALLY HELD. EQUIVALENT PRODUCTS BY OTHER MANUFACTURERS ARE PERMITTED.
- B. ELECTRONIC DIGITAL TIME CLOCKS SHALL BE USED FOR CONTROL OF SHOW WINDOW LIGHTING, SIGNS, AND IF REQUIRED/DESIRED OTHER LIGHTING. THE ELECTRONIC DIGITAL TIME CLOCK SHALL BE A TORK DIGITAL E100 SERIES MODEL EW101 OR EQUIVALENT WITH A 7-DAY FORMAT, 365 DAY ADVANCED HOLIDAY SCHEDULE, CAPABLE OF DIFFERENT SETTINGS EACH DAY OF THE WEEK, AND HAVE AN ASTRONOMIC FEATURE.

INSTALLATIO

- A. ALL ELECTRIC WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL SUCH AS CHANNELS, RODS, ETC., NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE FASTENED TO BUILDING STEEL, CONCRETE OR MASONRY, BUT NOT PIPING OR DUCTWORK. ALL CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE. EXPOSED CONDUITS SHALL BE IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES OR BEAMS AND SEPARATED AT LEAST 3 INCHES FROM WATER LINES WHEREVER THEY RUN ALONGSIDE OR ACROSS SUCH LINES. ALL CONDUCTORS SHALL BE IN CONDUIT, DUCTS OR OTHER CODE APPROVED RACEWAYS.
- B. ALL LINE AND LOW VOLTAGE POWER AND CONTROL WIRING (EXCEPT HVAC LOW VOLTAGE WIRING) INCLUDING CONNECTIONS TO MOTORS, DAMPERS, INTERLOCKING, ETC., SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. (ALL LINE VOLTAGE WIRING, CONDUIT, AND FINAL CONNECTIONS FROM THE POWER SOURCE THRU THE STARTER/DISCONNECT ETC. TO THE MOTOR OR EQUIPMENT IS THE RESPONSIBILITY OR THE ELECTRICAL CONTRACTOR. ALL HVAC RELATED LOW VOLTAGE CONTROL WIRING, CONDUIT AND FINAL CONNECTIONS IS THE RESPONSIBILITY OF THE MECHANICAL/TEMPERATURE CONTROL CONTRACTOR, UNLESS OTHERWISE NOTED ON THE PLANS).
- C. THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING, CHASING OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THE ELECTRICAL DIVISION, ANY CUTTING SHALL HAVE PRIOR APPROVAL OF THE LANDLORD. SLEEVES SHALL EXTEND AT LEAST TWO (2") INCHES ABOVE FINISHED FLOOR AND ALL SLEEVES, OPENINGS, ETC., THROUGH FIRE RATED WALLS AND FLOORS SHALL BE FIRE SEALED WITH CALCIUM SILICATE, SILICONE "RTV" FOAM, "3M" FIRE RATED SEALANTS OR EQUAL BY HILTI AFTER CONDUIT/CABLES INSTALLATION SO AS TO RETAIN THE FIRE
- D. THE ELECTRICAL CONTRACTORS, INSOFAR AS THE WORK IS CONCERNED, SHALL AT ALL TIMES KEEP THE PREMISES IN A NEAT AND ORDERLY CONDITION AND, AT THE COMPLETION OF THE WORK, SHALL PROPERLY CLEAN UP AND CART AWAY ANY DEBRIS AND EXCESS MATERIAL.
- E. THE FOLLOWING EQUIPMENT SHALL BE IDENTIFIED WITH ENGRAVED BAKELITE NAMEPLATES AS TO NAME AND/OR FUNCTION; DISTRIBUTION PANELS, LIGHTING PANELS, MOTOR STARTERS AND DISCONNECT SWITCHES. NAMEPLATES TO BE APPROXIMATELY 1" X 2" IN SIZE AND BE FASTENED WITH POP RIVETS OR SCREWS.
- F. THE LOCATION OF OUTLETS AND EQUIPMENT SHOWN ON THE DRAWINGS ARE APPROXIMATE AND THE ARCHITECT/TENANT CONSTRUCTION MANAGER SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLETS OR FIXTURES BEFORE THEY ARE INSTALLED WITHOUT ADDITIONAL COST.

G. ELECTRICAL CONTRACTOR SHALL RECORD ALL FIELD CHANGES IN THE

- WORK AS THE JOB PROGRESSES, AND TURN THIS "AS BUILT" INFORMATION OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.

 H. ELECTRICAL CONTRACTOR SHALL PROTECT ALL FIXTURES/EQUIPMENT
- AGAINST DAMAGE FROM LEAKS, ABUSE, ETC., AND PAY COST OF REPAIR OR REPLACEMENT OF FIXTURES OR EQUIPMENT MADE NECESSARY BY FAILURE TO PROVIDE SUITABLE SAFEGUARDS OR PROTECTION.

 I. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.

AFTER ALL EQUIPMENT HAS BEEN INSPECTED AND APPROVED,

PRIOR TO COMPLETION OF PROJECT.

J. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ANY/ALL NECESSARY ELECTRICAL DEMOLITION WORK THAT IS REQUIRED TO FACILITATE THE NEW INSTALLATION, FIELD COORDINATE PRIOR TO BIDS. REMOVE AND/OR MODIFY EQUIPMENT, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. ANY EQUIPMENT OR DEVICE REMAINING IN USE AFTER PART OF THE EQUIPMENT OR DEVICES HAVE BEEN REMOVED ARE TO BE RECONNECTED TO EXISTING OR NEW CIRCUITS AND LEFT IN WORKING ORDER. FEEDERS TO PANELS AND WIRING TO OTHER EQUIPMENT TO BE ROUTED CONCEALED IN FINISHED AREAS. COORDINATE ANY DISRUPTION OF ELECTRICAL OR TELEPHONE SERVICES WITH LANDLORD AND TENANT CONSTRUCTION MANAGER TO AVOID CONFLICTS.

THOROUGHLY CLEAN ALL EQUIPMENT PROVIDED UNDER THIS WORK JUST

GUARANTEE:

- A. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THE ELECTRICAL CONTRACTOR'S EXPENSE.
- B. FOR THE SAME PERIOD, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY THE ELECTRICAL CONTRACTOR.

FINALLY

- A. IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED.
- B. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL TYPED PANEL SCHEDULES FOR ALL PANEL BOARDS. PROVIDE AND INSTALL BLACK PLASTIC, WHITE ENGRAVED NAMEPLATES ON EXTERIOR OF ALL PANELBOARDS. GC TO PROVIDE ONE COMPLETE SET OF STAMPED PLANS TO BE CONTAINED IN A PVC TUBE MOUNTED ON PHONE BOARD.



1 Mululemon

1818 CORNWALL AVE.

VANCOUVER, B.C., V6J1C7

SUMMIT FAIR MALL

910 NW BLUE PKWY, SUITE G, LEE'S SUMMIT MO 64086

ARCHITECT

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MISSOURI LIC. #2017037504

Shane R.
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SEAL LICENSED NAME, ARCHITECT

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COMMENTS

△ DATE DESCRIPTION

07/29/2025 ISSUED FOR CD REVIEW

08/25/2025 ISSUED FOR PERMIT & BID

1 09/16/2025 REVISED PER CITY COMMENTS

09/16/2025

RAWING INFORMATION
PROJECT #: 2412106
CHECKED BY: JG

DRAWN BY: SW

ELECTRICAL SPECIFICATIONS

DRAWING NUMBER



COMcheck Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Project Information

Energy Code:

2015 IECC

Project Title:

Lululemon Summit Fair Mall

Project Type:

Alteration

Construction Site: 910 NW Blue Pkwy Suite G

Lee's Summit, MO 64086

Owner/Agent:

Designer/Contractor: Shane Hamilton

Engineering Professionals, Inc. 912 W. Dr. Martin Luther King Jr

Total Allowed Watts =

Blvd

Tampa, FL 33603 (813) 251-6848 x213 hamilton@engrpros.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Stockroom (Common Space Types:Storage >=50 - <=1000 sq.ft.)	484	0.63	305
2-Staff Room (Common Space Types:Lounge/Breakroom)	139	0.73	101
3-Exit Corridor (Common Space Types:Corridor/Transition <8 ft wide)	91	0.66	60
4-Office (Common Space Types:Office - Enclosed)	58	1.11	64
5-Mop Closet (Common Space Types:Storage <50 sq.ft.)	7	1.24	9
6-Restroom (Common Space Types:Restrooms)	75	0.98	74
7-Fitrooms (Retail:Dressing/Fitting Room)	380	0.71	270
8-Sales Area (Retail:Sales Area)	2635	1.59	4190
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: Track lighting 1	2635 (a)	1.40	3689 (b)
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: LS2 DRIVERS	2635 (a)	1.40	1800 (b)
9-Hallway (Common Space Types:Corridor/Transition <8 ft wide)	78	0.66	51
	Supplemental /	Allowed Watts (null) =	= 500

- (a) Area claimed may exceed total floor area when Retail Merchandise Highlighting allowance(s) are specified.
- (b) Allowance is (B x C) or the actual wattage of the fixtures given in Proposed Power section, whichever is less.
- (c) Supplemental watts must be associated with retail merchandise highlighting fixtures.

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	(C X D)
Stockroom (Common Space Types:Storage >=50 - <=1000 sq.ft. 484 sq.ft.)				
L4: Other:	1	2	27	55
L8: Other:	1	5	55	273
Staff Room (Common Space Types:Lounge/Breakroom 139 sq.ft.) RF4: Other:	1	4	12	48
Exit Corridor (Common Space Types:Corridor/Transition <8 ft wide 91 sq.ft.) L8: Other:	1	1	55	55

Project Title: Lululemon Summit Fair Mall Report date: 08/21/25 Data filename: E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 ELEC Page 1 of 8 Dwgs\25133 - COMCHECK.cck

A Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Office (Common Space Types:Office - Enclosed 58 sq.ft.) RF4: Other:	1	2	12	24
Mop Closet (Common Space Types:Storage <50 sq.ft. 7 sq.ft.) L2: Other:	1	1	15	15
Restroom (Common Space Types:Restrooms 75 sq.ft.) D6: Other: FL: Other:	1 1	1 1	20 11	20 11
Fitrooms (Retail:Dressing/Fitting Room 380 sq.ft.) RW1: Other: RF1-S: Other: P1: Other:	1 1 1	11 4 1	12 12 266	132 48 266
RF3-S: Other: Sales Area (Retail:Sales Area 2635 sq.ft.)	1	1	23	23
R2: Other: Track lighting 1: Wattage based on current limiting device capacity LS2 DRIVERS: Other:	2 0 1	2 0 6	32 5640 300	64 5640 1800
Hallway (Common Space Types:Corridor/Transition <8 ft wide 78 sq.ft.) RF3-S: Other:	1	2 Total Propos	23 sed Watts =	46 8519

Interior Lighting PASSES

Interior Lighting Compliance Statement

Project Title: Lululemon Summit Fair Mall

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Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Data filename: E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 ELEC Page 2 of 8

@ lululemon VANCOUVER, B.C., V6J1C7

SUMMIT FAIR 910 NW BLUE PKWY, SUITE G, LEE'S SUMMIT MO 64086

JOEL C. TORIELLI **422 BOGERT AVENUE** RIDGEWOOD, NJ 07450

MEP ENGINEER SHANE HAMILTON, P.E. MISSOURI LIC. #2017037504 Shane R. Hamilton, P.E.

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LICENSED NAME, ARCHITECT

REVISED PER CITY COMMENTS

09/16/2025

 \triangle date \Box description 07/29/2025 ISSUED FOR CD REVIEW 08/25/2025 ISSUED FOR PERMIT & BID 1 09/16/2025 REVISED PER CITY COMMENTS

PROJECT #: 2412106 CHECKED BY: JG

DRAWN BY: SW

Report date: 08/21/25

LIGHTING **ALLOWANCES**



COM*check* Software Version 4.1.5.3

Exterior Lighting Compliance Certificate

Project Information

2015 IECC **Energy Code:**

Lululemon Summit Fair Mall **Project Title:**

Project Type: **Alteration**

Exterior Lighting Zone 2 (Neighborhood business district (LZ2))

Construction Site:

910 NW Blue Pkwy Suite G Lee's Summit, MO 64086

Owner/Agent

Designer/Contractor: Shane Hamilton

Engineering Professionals, Inc. 912 W. Dr. Martin Luther King Jr

Tampa, FL 33603

(813) 251-6848 x213 hamilton@engrpros.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Entry canopy	90 ft2	0.25	Yes	22
		Total Tradab	le Watts (a) =	22
		Total All	owed Watts =	22
	Total All	owed Supplement	al Watts (b) =	600
(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.(b) A supplemental allowance equal to 600 watts may be applied toward or	ompliance of b	oth non-tradable a	and tradable are	eas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Entry canopy (90 ft2): Tradable Wattage				
RF1-SB: Other:	1	3	12	36
	Total Trad	dable Propos	ed Watts =	36

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title	Signature	Date

Project Title: Lululemon Summit Fair Mall Report date: 08/21/25

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COM*check* Software Version 4.1.5.3

Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.

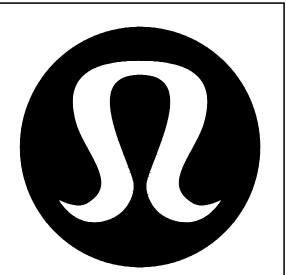
Additional Comments/Assumptions:

Project Title:	Lululemon Summit Fair Mall	Report date:	08/21/2
Data filename:	E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 EL	_EC Page	4 of 8
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2 Medium Impact (Tier 2)

3 Low Impact (Tier 3)

1 High Impact (Tier 1)



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VANCOUVER, B.C., V6J1C7

SUMMIT FAIR MALL

> 910 NW BLUE PKWY, SUITE G, LEE'S SUMMIT MO 64086

> > ARCHITECT

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09/16/2025

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> PROJECT #: 2412106 CHECKED BY: JG

DRAWN BY: SW

LIGHTING **ALLOWANCES**

Section #	Pough In Floatrical Increastion	Compliant	Commonts/Assumptions
# & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] ¹	reduce the lighting load by at least	□Complies □Does Not	Requirement will be met.
	50%.	□Not Observable □Not Applicable	
C405.2.1 [EL18] ¹	Occupancy sensors installed in required spaces.	□Complies □Does Not	Requirement will be met.
		□Not Observable □Not Applicable	
C405.2.1, C405.2.2.	per approved lighting plans and all	□Complies □Does Not	Requirement will be met.
5 [EL23] ²	manual controls readily accessible and visible to occupants.	□Not Observable □Not Applicable	
1	Automatic controls to shut off all building lighting installed in all	□Complies □Does Not	Exception: Lighting controlled by occupancy sensors.
[EL22] ²	buildings.	□Not Observable □Not Applicable	
C405.2.3 [EL16] ²	Daylight zones provided with individual controls that control the	\square Complies \square Does Not	Exception: Requirement does not apply.
	lights independent of general area lighting.	□Not Observable □Not Applicable	
C405.2.3, C405.2.3.	Primary sidelighted areas are equipped with required lighting controls.	□Complies □Does Not	Requirement will be met.
1, C405.2.3. 2		□Not Observable □Not Applicable	
[EL20] ¹		 	
C405.2.3, C405.2.3.	Enclosed spaces with daylight area under skylights and rooftop monitors	□Complies □Does Not	Exception: Requirement does not apply.
1, C405.2.3. 3	are equipped with required lighting controls.	□Not Observable □Not Applicable	
[EL21] ¹			1 1 1 1 1
C405.2.4 [EL4] ¹	Separate lighting control devices for specific uses installed per approved	□Complies □Does Not	Requirement will be met.
	lighting plans.	□Not Observable □Not Applicable	
C405.2.4 [EL8] ¹	Additional interior lighting power allowed for special functions per the	□Complies □Does Not	Requirement will be met.
	approved lighting plans and is automatically controlled and separated from general lighting.	□Not Observable □Not Applicable	
C405.2.5 [EL25] ^{null}	Automatic lighting controls for exterior lighting installed. Controls will be	□Complies □Does Not	Requirement will be met.
	daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	□Not Observable □Not Applicable	
C405.3 [EL6] ¹	Exit signs do not exceed 5 watts per face.	□Complies □Does Not	Requirement will be met.
		□Not Observable □Not Applicable	

Additional Comments/Assumptions: 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Lululemon Summit Fair Mall

Data filename: E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 ELEC Page 5 of 8

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Project Title: Lululemon Summit Fair Mall

Data filename: E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 ELEC Page 6 of 8

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Q WWW ALL AVE.

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ARCHITECT

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LICENSED NAME, ARCHITECT

REVISED PER CITY
COMMENTS

09/16/2025

DATE DESCRIPTION

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1 09/16/2025 REVISED PER CITY COMMENTS

DRAWING INFORMATION
PROJECT #: 2412106
CHECKED BY: JG

DRAWN BY: SW

LIGHTING ALLOWANCES

DRAWING NUMBER

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5. 2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C405.4.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Complies □Does Not □Not Observable □Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 [FI19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Complies □Does Not □Not Observable □Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.5. 1 [FI16] ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

2 Medium Impact (Tier 2) 1 High Impact (Tier 1) 3 Low Impact (Tier 3)

Project Title: Lululemon Summit Fair Mall Report date: 08/21/25 Data filename: E:\Current Projects\25133 LULULEMON SUMMIT FAIR LEES SUMMIT MO\300 Design\301 ELEC Page 7 of 8 Dwgs\25133 - COMCHECK.cck Project Title: Lululemon Summit Fair Mall Report date: 08/21/25

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