

PANELBOARD: B (EXISTING)										FED FROM: MDP1 BUS AMPS: 225A AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR SERVES: LIGHTING MAIN SIZE/TYP: MLO MOUNTING: SURFACE VOLTS/PHASE: 208Y/120V, 3PH, 4W SECTION: 1 LOCATION: ELECTRICAL ROOM										LINE-SIDE LUGS: MECHANICAL EQUIPMENT GROUND BUS									
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.															
		A	B	C						A	B	C																	
1	LTO - DELICHEESE	420			12	20	1	1	20	12	1,344		LTO - WINE AND SPIRITS TRK 1	2															
3	LTO - DELICHEESE TRACK		147		12	20	1	1	20	12		1,554	LTO - WINE AND SPIRITS TRK 2	4															
5	LTO - PRODUCE TRIM			252	12	20	1	1	20	12			LTO - WINE AND SPIRITS VEST.	6															
7	LTO - MEAT/SEAFOOD				12	20	1	1	20	EX	1,200		SALES AREA LTG	8															
9	LTO - MEAT/SEAFOOD TRACK	732			12	20	1	1	20	EX		1,200	SALES AREA LTG	10															
11	LTO - MEAT/SEAFOOD TRACK		189		12	20	1	1	20	EX		1,200	SALES AREA LTG	12															
13	LTO - MEAT/SEAFOOD TRACK				12	20	1	1	20	EX	1,200		SALES AREA LTG	14															
15	LTO - PIZZAS/AMM TRACK			126	12	20	1	1	20	EX		1,200	SALES AREA LTG	16															
17	LTO - PIZZAS/AMM TRACK				12	20	1	1	20	EX		1,200	SALES AREA LTG	18															
19	LTO - FOOD SERVICE ROOM	348			12	20	1	1	20	EX	1,200		SALES AREA LTG	20															
21	LTO - KITCHEN/COMF FOODS		756		12	20	1	1	20	EX		1,200	SALES AREA LTG	22															
23	LTO - CONF FDS/MIKT EXP/USHI			105	12	20	1	1	20	EX		1,200	BACK ROOM LTG	24															
25	LTO - EXT HALL	294			12	20	1	1	20	EX	1,200		BACK RM CLO FAN & HEATER	26															
27	LTO - BAKERY 1		624		12	20	1	1	20	EX		1,200	ELEC ROOM LTG	28															
29	LTO - BAKERY 2			882	12	20	1	1	20	EX		1,200	TUNNEL LTG & BUNKER DEMO	30															
31	LTO - BAKERY 3	780			12	20	1	1	20	EX	500		SYS 9 BUNKER	32															
33	LTO - BAKERY/DECADENT TRACK		189		12	20	1	1	20	EX		500	SYS 11 BUNKER	34															
35	LTO - WINE ROOM FLR STRIPS			160	12	20	1	1	20	EX		180	LTO - WINE ROOM DWNLTS	36															
37	LTO - AISLES ONLINE	450			12	20	1	1	20	EX	646		LTO - DAIRY/FROZEN/HLTH TRK	38															
39	LTO - EXT. WALL PACKS				12	20	1	1	20	EX		1,000	LTO - CANDY CARDS TRACK 1	40															
41	EQUIPPED SPACE				1	1	20	12					LTO - CANDY CARDS TRACK 2	42															
SUBTOTAL		3,504	2,031	2,143							7,290	7,854	6,380	SUBTOTAL															
TOTAL PHASE A - VA		10,794			LOAD		CONN. VA		DF	LOAD		CONN. VA		DF															
AMPS		90			COOLING		1.00		1.00	REFRIG		1.00		1.00															
TOTAL PHASE B - VA		9,885			HEATING		1.730		1.25	SIGN/DISP		1.25		1.25															
AMPS		82			LIGHTING		15,002		1.25	KITCHEN		1.00		1.00															
TOTAL PHASE C - VA		8,523			RECEPTACLES		1,000		1.05	EXISTING		15,400		1.00															
AMPS		71			MOTORS		1.00		1.00	LGR MOTOR		1.25		1.25															
TOTAL PNLBD - VA		29,202			SUPP HEAT		1.00		1.00	SHOW WNDW		1.25		1.25															
AMPS		81			MISC EQUIP		1.00		1.00	LTG TRACK		1.00		35.14 VA															
PANELBOARD NOTES																													

PANELBOARD: E (EXISTING)										FED FROM: MDP1 BUS AMPS: 225A AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR SERVES: KITCHEN/DELI MOUNTING: RECESSED VOLTS/PHASE: 208Y/120V, 3PH, 4W SECTION: 1 LOCATION: DRY STORAGE										EQUIPMENT GROUND BUS									
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.															
		A	B	C						A	B	C																	
1		3,759					2	50	6	3,445			HICKORY HOUSE HOT CASE 2	2															
3	DELI BOOSTER HEATER		3,759		8	40	3				3,445				4														
5				3,759			1	20	12			720	KITCHEN ROTISSERIE		6														
7	HIBACHI 10" COLD CASE	270			12	20	1	1	20	EX	500			EXISTING LOAD		8													
9	PIZZA DEEP WELL		500		EX	20	1	1	20	EX		500		EXISTING LOAD		10													
11	PIZZA RCPT			500	EX	20	1	1	20	EX				EXISTING LOAD		12													
13	DELI DISPOSAL	500			EX	20	1	1	20	EX	1,400			KITCHEN REF TABLE		14													
15	DELI DISHWASHER EX FAN EFS		1,000		EX	20	1	1	20	EX		1,176		KITCHEN REF TABLE (BACK RM)		16													
17	WEST BAKERY FRZFR FANS			1,000	EX	20	1	1	20	EX			500	EXISTING LOAD		18													
19		1,000						1	20	EX	500			EXISTING LOAD		20													
21	BAKERY WEST COIL FRZR FANS		500		EX	20	1	1	20	EX		360		KITCHEN CONV RCPT 1		22													
23	JUICE BAR ISO GROUND			500	EX	20	1	1	20	EX		540		KITCHEN CONV RCPT 2		24													
25	JUICE BAR RCPT	500			EX	20	1	2	30	EX	2,496			HOT WELLS		26													
27	EXISTING LOAD		500		EX	20	1					2,496		DEL DISPOSAL		28													
29	EXISTING LOAD			500	EX	20	1	1	20	EX			500	DELI DISPOSAL		30													
31	HICKORY HOUSE HOT CASE 1	3,077			8	40	2	1	20	EX	500			DELI HALF WALL RCPTS		32													
33			3,077					1	20	EX		500		WINE TASTING RCPT		34													
35	CHINESE HOT WELL			7,475	3	100	2	1	20	EX		500		WINE TASTING RCPT		36													
37		7,475						1	20	10	1,920			KITCHEN HOLDING CABINET		38													
39	EXISTING LOAD		500		EX	20	1	1	20	EX		1,176		KITCHEN REF TABLE		40													
41	BAKERY FRZR LTS			500	EX	20	1	1	20	EX			500	PRODUCE COLUMN RCPT		42													
SUBTOTAL		16,581	9,836	14,234							10,761	9,653	3,760	SUBTOTAL															
TOTAL PHASE A - VA		27,342			LOAD		CONN. VA		DF	LOAD		CONN. VA		DF															
AMPS		228			COOLING		1.00		1.00	REFRIG		1.00		1.00															
TOTAL PHASE B - VA		19,489			HEATING		0		1.25	SIGN/DISP		1.25		1.25															
AMPS		162			LIGHTING		1.25		1.25	KITCHEN		34,656		0.65															
TOTAL PHASE C - VA		17,994			RECEPTACLES		900		1.05	EXISTING		17,992		1.00															
AMPS		150			MOTORS		11,277		1.00	LGR MOTOR		1.25		1.25															
TOTAL PNLBD - VA		64,825			SUPP HEAT		1.00		1.00	SHOW WNDW		1.25		52,695 VA															
AMPS		180			MISC EQUIP		1.00		1.00	LTG TRACK		1.00		146 A															
PANELBOARD NOTES																													

PANELBOARD: H (EXISTING)										FED FROM: MDP1 BUS AMPS: 225A AIC RATING: 10000 FULLY RATED SERVES: MEAT & SEAFOOD POWER MAIN SIZE/TYP: MLO MOUNTING: SURFACE VOLTS/PHASE: 208Y/120V, 3PH, 4W SECTION: 1 LOCATION: ELECTRICAL ROOM										EQUIPMENT GROUND BUS									
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.															
		A	B	C						A	B	C																	
1		1,921						1	20	EX	500		CORD DROP	2															
3	MEAT SAW		1,921		EX	20	3	1	20	EX		500	CORD DROP	4															
5				1,921				1	20				SPARE	6															
7		4,803						1	20				SPARE	8															
9	TRASH COMPACTOR		4,803		EX	50	3	1	20				SPARE	10															
11				4,803				1	20	12		360	SERVICE MEAT RCPT	12															
13	UH-4 (ELEC ROOM)	500			12	20	1	1	20	12	500		MEAT WRAPPER	14															
15	SPARE				20	1	1	1	20	12		500	MEAT TENDERIZER	16															
17	EXISTING LOAD			500	EX	20	1	1	20	12		540	MEAT SCALES	18															
19		367						1	20	EX	500		PNL Q CONTACTOR	20															
21	BAKERY VARIA PRO SLICER		367		12	20	3				4,491			22															
23				367				3	50	6		4,491		MAU-2 FANS	24														
25	RCPT - ALARM BY COMPACT	500			EX	20	1				4,491			MAU-2 FANS	26														
27	BAKERY SCREENS		360		12	20	1	1	20	12		725		DELICIOUS HEAT WRAP	28														
29	DELI CHEESE REF. TABLE			756	12	20	1	1	20	12		500		DELI CHEESE SLICER 1	30														
31		1,345						1	20	12	500			DELI CHEESE SLICER 2	32														
33	MAU-2 CONDENSERS 1		1,345		12	20	3	2	20	EX		500		MEAT & CHEESE RCPT	34														
35				1,345				2	20				1,000	PANINI PRESS	36														
37		2,570									1,000				38														
39	MAU-2 CONDENSERS 2		2,570		10	30	3	2	20	EX		500		DELI FLOOR RCPT	40														
41			2,570					2	20	EX		500		MEAT & CHEESE RCPT FLOOR	42														
	SUBTOTAL	12,006	11,386	12,262							7,491	7,216	7,391	SUBTOTAL															
TOTAL PHASE A - VA		19,497			LOAD		DF		LOAD			CONN. VA		DF															
AMPS		162			COOLING		1.00		REFRIG					1.00															
TOTAL PHASE B - VA		18,582			HEATING		0		SIGNSDISP					1.25															
AMPS		155			LIGHTING		1.25		KITCHEN		4,186			0.65															
TOTAL PHASE C - VA		19,653			RECEPTACLES	900	1.0/0.5		EXTENDING		26,928			1.00															
AMPS		164			MOTORS	25,216	1.00		LG MOTOR					1.25															
TOTAL PNLB-D - VA		57,732			SUPP HEAT	500	1.00		SHOW WNDW					1.25															
AMPS		160			MISC EQUIP	1,000	1.00		LTG TRACK					1.00															
TOTAL DEMAND															56,267 VA														
															156 A														
PANELBOARD NOTES																													

PANELBOARD: BB (NEW)				FED FROM: MDP1				EQUIPMENT GROUND BUS						
BUS AMPS: 225A				AIC RATING: 10000 FULLY RATED										
MAIN SIZE/TYPE: MLO				SERVICES: FRONT OF HOUSE										
VOLTS/PHASE: 208Y/120V, 3PH, 4W				MOUNTING: SURFACE										
SECTION: 1				LOCATION: CLINIC HALL										
CKT NO	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO	BKR AMP	P	BKR AMP	WIRE NO	VOLTAMPS/PHASE			DESCRIPTION	CKT NO
		A	B	C						A	B	C		
R 1	CHECKSTAND 3 DIRTY	500			12	20	1	20	12	500			CHECKSTAND 3 DIRTY	R 1
R 3	CHECKSTAND 10 DIRTY		500		12	20	1	20					SPARE	R 3
R 5	SELF CHECKOUT 1 DIRTY			500	12	20	1	20					SPARE	R 5
R 9	SELF CHECKOUT 4 DIRTY				12	20	1	20	12	500			SELF CHECKOUT 3 DIRTY	R 9
R 9	SELF CHECKOUT 2 DIRTY		500		12	20	1	20		500			CHECKSTAND 1 DIRTY	R 9
R 11	CHECKSTAND 2 DIRTY			500	EX	20	1	20			500		CHECKSTAND 3 DIRTY	R 11
R 13	LTG - PHARMACY	486			12	20	1	20	12	500			CHECKSTAND 4 DIRTY	R 13
R 15	LTG - PHARMACY SOFIST		144		12	20	1	20	12		500		CHECKSTAND 5 DIRTY	R 15
R 17	LTG - CLINIC			504	12	20	1	20	12		500		CHECKSTAND 6 DIRTY	R 17
R 19	DSW DIGITAL WALL 1	540			EX	20	1	20		500			CHECKSTAND 7 DIRTY	R 19
R 21	DSW/JF CHECKOUT RCPTS		360		12	20	1	20	12		1,200		E VESTIBULE CART STERILIZER	R 21
R 23	PREMIUM CANDY			1,000	12	20	1	20					SPARE	R 23
EX 25	PHARMACY TUBE BLOWER	2,496			EX	30	2	1	20				SPARE	EX 25
27			2,496										SPARE	27
29	WH-6			1,500	12	20	2	1	20				SPARE	29
31				1,500									SPARE	31
33	FLUORIDE SPACE						2	60	EX	4,160			EXISTING LOAD	33
35	FLUORIDE SPACE									4,160				35
37	PUP MACHINES		500		EX	20	2	1	20				SPARE	37
39	EXISTING LOAD			1,000	EX	20	2	1					EQUIPPED SPACE	39
41									1	20			SPARE	41
	SUBTOTAL	6,522	5,000	1,000						2,000	6,360	5,160	SUBTOTAL	42
	TOTAL PHASE A - VA	8,522			DF				LOAD					
	AMPS	71			COOLING	1,00			REFRIG				1,00	
	TOTAL PHASE B - VA	11,360			HEATING	0			SIGN/DISP			1,25		
	AMPS	95			LIGHTING	1,450	1,25		KITCHEN			1,00		
	TOTAL PHASE C - VA	10,480			RECTIFIERS	2,600	1,0 / 5		EXISTING	8,320		1,00		
	AMPS	67			MOTORS	1,00			LPG MOTOR			1,25		TOTAL DEMAND
	TOTAL PNLB - VA	30,362			SUPP HEAT	3,000	1,00		SHOW WNDW			1,25		30,725 VA
	AMPS	84			MISC EQUIP	14,992	1,00		LTG TRNG			1,25		85 A

PANELBOARD: LL (NEW)				FED FROM: PNLB D		EQUIPMENT GROUND BUS								
BUS AMPS: 100A				AIRC RATING: 10000 FULLY RATED										
MAIN SIZE/TYPE: 100A MCB				SERVES: FRONT OF HOUSE										
VOLTS/PHASE: 208Y/120V, 3PH, 4W				MOUNTING: RECESSED										
SECTION: 1				LOCATION: CUSTOMER SERVICE										
CKT NO.	DESCRIPTION	VOLTAMP/PHASE			WIRE NO.	BKR AMP	P BKR AMP	WIRE NO.	VOLTAMP/PHASE			DESCRIPTION	CKT NO.	
		A	B	C					A	B	C			
1	NEW COMM RACK RCPT	500			EX	20	1	20	12	360		CASH CASH COMPUTER	2	
3	FIRE ALARM PANEL		500		EX	20	1	20	12			EXISTING LOAD	3	
5	RCPT SECURITY ROOM			500	EX	20	1	20	12		120	EM LGT - AOL CANDO	5	
7	PHOTO CELL FOR R	500			EX	20	1	20	EX	200		EXISTING LOAD	8	
9	SPARE				EX	20	1	20	EX		500	SECURITY PANEL RCPT	10	
11	EXISTING LOAD		500		EX	20	1	20	12		288	EM LGT - CUST SERVICE/PH	12	
13	EXISTING LOAD	500			EX	20	1	20	12	630		EM LGT - CLINIC/PHARMACY	14	
15	AUTO DOOR OPENER N		500		EX	20	1	20	EX		800	CARRY OUT DOOR OPENER	16	
17	AUTO DOOR OPENER N			500	EX	20	1	20	EX		500	SAFE	18	
19	AUTO DOOR OPENER S	500			EX	20	1	20	EX	1,200		SECURITY ROOM LGT	20	
21	AUTO DOOR OPENER S		500		EX	20	1	20	EX			SPARE	22	
23	S DOOR SPARE			500	EX	20	1	20	EX			SPARE	24	
25	RED BOX LOTTO, COINSTAR		500		EX	20	1	20	EX			SPARE	26	
27	EXISTING LOAD		500		EX	20	1	2	EX	1,664		EMERGENCY POLE LIGHT	30	
				500	EX	20	1			1,664				
SUBTOTAL		2,500	2,000	2,500				2,690			3,164	2,572	SUBTOTAL	
TOTAL PHASE A - VA		5,190			LOAD	CONN VA	DF	LOAD		CONN VA	DF			
AMPS		43			COOLING		1.00	REFRIG			1.00			
TOTAL PHASE B - VA		5,164			HEATING		0	SIGNDISP			1.25			
AMPS		43			LIGHTS	1,328	1.25	KITCHEN			1.00			
TOTAL PHASE C - VA		5,072			RECEPTACLES	360	1.0/5	LODGE	14,028		1.00	EXISTING		
AMPS		42			MOTORING		1.00	LRG MOTOR			1.25	TOTAL DEMAND		
TOTAL PNLB - VA		15,426			SUPP HEAT		1.00	SHOW WNDW			1.25	15,686 VA		
AMPS		43			MISC EQUIP		1.00	LTG TRUCK			1.00	44 A		
PANELBOARD NOTES														

[illegible]

ABBREVIATIONS			
F	ARC FAULT CIRCUIT INTERRUPTER, CIRCUIT VIA LIGHTING CONTACTOR 3	LCK	HANDLE PADLOCKABLE-OFF DEVICE.
W	CIRCUIT VIA LIGHTING LIMITING DEVICE	LO	HANDLE ON CLAMP
	DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTLY TO SPARE AND TURN OFF	OL	PROVIDE NEW CIRCUIT BREAKER
	EMERGENCY LIGHTING HANDLE ON CLAMP EXISTING	PS	POWER-SWITCHING CIRCUIT BREAKER
	FUTURE LOAD, NOTE AS SPARE AND TURN OFF	PSE	EMERGENCY POWER-SWITCHING CIRCUIT BREAKER
	REDHANDLE ON CLAMP	R	REMOVE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD
	GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA)	ST	SHUNT TRIP CIRCUIT BREAKER
REF	GROUND-FAULT EQUIPMENT PROTECTION BREAKER (50 mA)	T	TURN OFF
	PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PER CODE	VD	BRANCH CIRCUIT HAS BEEN USED TO REDUCE VOLTAGE
W	UNLATCHED GROUND WIRE SIZE PER CODE		
	LIGHTING CONTROL SCHEME NUMBER	Z	CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT

PROFESSIONAL SEAL



VINCENT G. MASILIONIS
LICENSE # PE-2008008670

NORTH PLAN NORTH

ELECTRICAL PANEL SCHEDULES

PROJECT MANAGER SL	CHECKED BY: HEI
DRAWN BY: HENDERSON	DATE: 10/19/2020
SCALE: AS NOTED	JOB NUMBER: 62930547

E1.3



REPLACE EXISTING LAMP(S) IN THIS AREA WITH LED REPLACEMENT WITH INTEGRATED DRIVER OF SIMILAR LUMEN OUTPUT. LED REPLACEMENT SHALL BE PROVIDED WITH EXISTING WIRING (TESTS), SOCKETS AND CONTROLS. PROVIDE LED REPLACEMENT BY GE, PHILLIPS OR OTHER APPROVED NRTL LISTED PRODUCT. PROVIDE SUFFICIENT PROTECTION TO EXISTING WIRING AND LUMINAIRE OWNER FOR REVIEW PRIOR TO ORDER. REPAIR OR REPLACE ANY DAMAGED SOCKETS OR CONTROLS. ALL WORK SHALL BE IN ACCORDANCE WITH FINAL INSTALLATION SHALL MEET ALL CODE REQUIRED LIGHT LEVEL REQUIREMENTS AND SHALL FUNCTION PROPERLY WITH EXISTING CONTROLS.

2. CONNECT TO EXISTING AREA LIGHT FIXTURE CIRCUIT AND CONTROLS. MAINTAIN CONNECTION TO EXISTING NORMAL LIGHTING CIRCUIT. LIGHTING FIXTURES SHALL BE INSTALLED TO MATCH EXISTING RACEWAY, CIRCUITRY AND RELATED APPEARANCES. MAINTAIN EXISTING RACEWAY, CIRCUITRY AND RELATED APPEARANCES MAY BE REUSED IF IN GOOD CONDITION AND NEW DESIGN CRITERIA CAN BE MET. OTHERWISE REPLACE.

3. TRACK LIGHTING TO BE CONTROLLED VIA EXISTING LIGHTING CONTROL PANEL.

4. RELOCATE LIGHT FIXTURE(S) AS SHOWN AND VARY AND EXTEND EXISTING CIRCUITRY.

E3.0B

MARKET GRILLE and CASUAL DINING LIGHTING FIXTURE SCHEDULE							UPDATED 12-13-19			(NOT ALL FIXTURES LISTED MAY APPLY TO THIS PROJECT)	
SYMBOL	MARK	TYPE	MANUFACTURER MODEL #		LOCATION	VOLTAGE	DIMMER	MFR	NOTES		
TL TAPELIGHT		TAPELIGHT	FLEXIBLE STRIP		TUBE LIGHTING DSH HQ20V-XA-4-DSH DR60-24V	BAR	120v	STYLE- LINE SWITCH	SEE INTERIOR ELEVATION OF BAR FOR TAPELIGHT LOCATIONS		
RC RECESSED CAN		RC	RECESSED CAN		LIR620AN210VALR02084VALR0D	OVERHEAD	120v	SR1202TLUV	PHILIPS		
D1 D2 D3 D4		D1 D2 D3 D4	DRUM 19"x19" DRUM 24"x12" DRUM 34"x11" DRUM 30"x12" DRUM 30"x20" DRUM 48"x18"	CONTECH RLM5820RA1 CONTECH RLM5820RB1 CONTECH RLM5820DC1 CONTECH RLM5840RD1 CONTECH RLM5840RE1 CONTECH RLM5840RF1	OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD	120v 120v 120v 120v 120v 120v	SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE	(2) 15 WATT LAMPS, MAX. (2) 15 WATT LAMPS, MAX. (2) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX.			
S1 SPOT LIGHT		S1	SPOT LIGHT	CONTECH LIGHTING CTL 808V	OVERHEAD TRACK	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHTS			
F1 FLOOD LIGHT		F1	FLOOD LIGHT	CONTECH LIGHTING CTL 808V	OVERHEAD TRACK	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHTS AND METHODS			
P PENDANT		P	PENDANT	TECH LIGHTING 70MMOYLS MIN SIGNAL PENDANT	TABLE LIGHTS	120v	SR1000VA-WHITE	TECH LIGHTING			
CYL CYLINDER		CYL	CYLINDER	CONTECH CTL100MM102-P-M-CLR-S-CBK18-S	CYLINDER - PATH AND EMERGENCY LIGHTING	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHT			
RC4 SUSPENDED LIGHTING (2 INDIVIDUAL RUNS)		RC4	SUSPENDED LIGHTING (2 INDIVIDUAL RUNS)	TECH LIGHTING, INC. BPS-3078H-12-VWLED-FRSM-QD-BK-BX3	OVERHEAD AT BAR	120v	SR1202TLUV D-10 VOLT	SUSPEND LIGHTING STRINGS BETWEEN CORNERS OF FRAMEWORK WITH 3/16" DIAMETER STAINLESS STEEL SUSPENSION CABLE. INSTALL MODEL 1-1023-25-1 100W TRANSFORMER IN ACCESSIBLE LOCATION.			
RC4 PHILIPS LIGHT TOWER		RC4	PHILIPS LIGHT TOWER	LIR620AN210VALR10840VALR0D	OVERHEAD	120v	SR1202TLUV D-10 VOLT	100L LUMEN FIXTURE. PROVIDE DIMMER SWITCH.			
REFER TO ENERGY MANAGEMENT CONSULTANTS (EMC) DRAWINGS AND SCHEDULES FOR COMPLETE LIST OF LIGHTING REQUIREMENTS INCLUDING LAMP SPECIFICATIONS, BALLASTS, AND MISCELLANEOUS COMPONENTS.											
FOR THE RECESSED LIGHTING FIXTURES AND CYLINDER FIXTURES CONNECTED TO THE EMERGENCY LIGHTING PANEL, FURNISH AND INSTALL A PHILIPS BOONE GENERATOR TRANSFER DEVICE (GTD) TO POWER THE FIXTURE WHEN ENERGIZED FROM THE GENERATOR.											

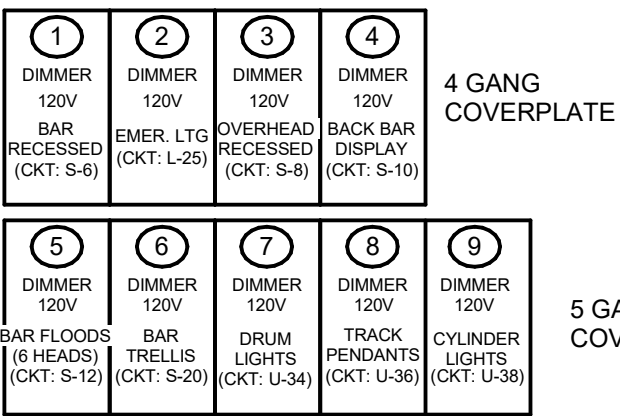
LIGHTING FIXTURE SCHEDULE									
SYMBOL	TYPE	EMC LABEL	MANUFACTURER MODEL #	WATTS	VA	VOLTAGE	LOCATION	NOTES	
A8	8' SALES LIGHTING FIXTURE - LED	GS08D	GE L-15-18-B-0-A2-D9-P-40-V-Q-C3-WHITE	101		120	SALES LIGHTING	LED FIXTURE	
B8	8' SALES LIGHTING FIXTURE	GS08	PHILIPS TRAC22-UNV-120-375-EB0B232PUNDPH400CQ-P218-WH-FA	146-27		120	SALES LIGHTING	OPEN CEILING 8"X16" HANGERS, 78870001 TKA END CAPS	
B4	4' SALES LIGHTING FIXTURE	GS04	PHILIPS TRAC22-UNV-120-102-EB0B232PUNDPH400CQ-P214-WH-FA	70-14		120	SALES LIGHTING	OPEN CEILING 8"X16" HANGERS, 78870001 TKA END CAPS	
C4	13X BACKROOM UTILITY FIXTURE	PG4	PHILIPS IS232-120-102-EB-8232UNVNP-N	58	64	120	BACKROOMS		
CP	LED CANOPY LUMINAIRE	LSI	CRUS-SC-LED-30V-3A-UE-WHT	38	40	120	AOL CANOPY	VERIFY ACCESSORIES AND FINISH	
CYLW	CYLINDER		CONTECH CYL103MM102-P-M-CLR-S-CBK18-S	21	23	120	FLORAL	VERIFY MOUNTING HEIGHT	
D1	2X4 LED FIXTURE	LED ENT	PHILIPS ZF5G42B-840-4-D-UNV-0RMFMA24	44	48	120	SEE PLAN	LED FIXTURE (W/7' CMT 607980)	
EM	WALL MOUNTED EMERGENCY LIGHT	EMH	SIGNIFY VLLI2	4	4	120	WINE AND SPIRITS	EMERGENCY BUGEYE	
F	2X4 LED FIXTURE	LED22 UP02	PHILIPS ZF5G42B-840-4-D-UNV-0RMFMA24	54	60	120	SEE PLAN	LED AREAS NOT VISIBLE TO CUSTOMER	
D	2X4 LED FIXTURE - FLAT PANEL		PHILIPS 2 FZF 42B 840 4 DS UNV DIM	38	42	120	SEE PLAN	LED FIXTURE - BACK OF HOUSE	
DL1	2" SQUARE RECESSED ADJUSTABLE DOWNLIGHT	TECH	E35-FF-LH-830-3-A-N-010E35-F15-B-0-W	18	20	120	WINE ROOM	25 DEGREE BEAM SPREAD AIMED AT 4' AFF	
DL1A	2" SQUARE RECESSED ADJUSTABLE DOWNLIGHT	TECH	E35-FF-LH-830-4-A-N-010E35-F15-B-0-W	18	20	120	WINE ROOM	40 DEGREE BEAM SPREAD AIMED AT 7' AFF	
FC	12W TEMP FREEZER/COOLER FIXTURE	HO	KINGSPAN LDX-VT-D-4-24	47	52	120	COOLERS FREEZERS	LED FIXTURE SEE DRAWING ES-0	
FL1	FLOOR MOUNT LINEAR GRAZING FIXTURE		COLORKINETICS 523-00095-417-108-00047-031-120-000124-00	32	35	120	WINE ROOM	FLOOR MOUNT. COORDINATE INSTALLATION WITH ARCHITECTURAL DRAWINGS	
L	MIRROR LIGHT	RW	WAC LIGHTING WS-822F-30-AL	22	24	120	RESTROOMS	ABOVE MIRROR	
X	EXIT LIGHT	E	MCPHILLEN DEBU VERVIEW	3.4	3.4	120	ALL AREAS		
RC	RECESSED CAN LIGHTING FIXTURE	LEDC	PHILIPS LIR620AN210VALR02084VALR0D	22	24	120	DEPARTMENTS	LED FIXTURE	
RR	RESTROOM RECESSED CAN FIXTURE	RR	PHILIPS LIR620AN210VALR02084VALR0D	22	24	120	MOTHERS ROOM/ RESTROOMS	LED FIXTURE	
PH	PHARMACY RECESSED CAN FIXTURE	LEDC	PHILIPS LIR620AN210VALR02084VALR0D	22	24	120	PHARMACY	LED FIXTURE	
P2	PENDANT LIGHT FIXTURE AT MEAT CASES	P	DAYBRITE VP110C-RAB-C100-A-BOX COVER L0700B0C0-308-2009-120V	9.5	10	120	MEAT DEPT	INSTALLED OVER CASES, E.C. TO PAINT COVER WITH GALVANNEED PAINT TO MATCH FIXTURE	
PT	PENDANT LIGHT FIXTURE - DSW & JOE FRESH	TECH LIGHTING	POWELL STREET PENDANT 7207PSP49WWW-LE030 LAIT TRACK CONNECTOR	150	160	120	DSW & JOE FRESH CHECKOUT	SEE PLAN FOR TRACK LENGTHS	
HEAT LAMPS (ABOVE ASIAN CASE)		HATCO	HL-700 (RADIANT RED)	250	275	120	ASIAN CASE	120 VOLT. MOUNT OVER CASE	
T1	BAKERY CAKE WALL / SEAFOOD TRACK LIGHTING	LED	CONTECH CTL8063MDD-S LA-10-S LA-2-S	21	23	120	SEAFOOD	LED SEE PLAN FOR TRACK LENGTHS	
T2	DEPARTMENT HEADER TRACK LIGHTING	LED	CONTECH CTL1103 H-4-S (SILVER)	35	38	120	DEPARTMENT TRACK LIGHTING	LED SEE PLAN FOR TRACK LENGTHS	
T3B	CANDY/CARDS TRACK LIGHTING	LED	CONTECH CTL8063MDD-S LA-10-S (STARTER)	21	23	120	DEPARTMENT TRACK LIGHTING	LED SEE PLAN FOR TRACK LENGTHS	
T3W	CANDY/CARDS TRACK LIGHTING	LED	CONTECH CTL8063MDD-W LT-6-P (WHITE TRACK) LA-10-WH (STARTER)	21	23	120	DEPARTMENT TRACK LIGHTING	LED	
T4	CANDY/CARDS	LED	SPUTNICK CUSTOM STEM FIXTURE CONTECH LA-117 CONNECTOR	60	60	120	DEPARTMENT	LED	
WP	EXTERIOR WALL PAK FIXTURE	LED	W SIGNIFY LPW32-78WZ	71	74	120	EXTERIOR	LED	
REFER TO ENERGY MANAGEMENT CONSULTANTS (EMC) DRAWINGS AND SCHEDULES FOR COMPLETE LIST OF LIGHTING REQUIREMENTS INCLUDING LAMP SPECIFICATIONS, BALLASTS, AND MISCELLANEOUS COMPONENTS.									

LIGHTING CONTROLS		(NOT ALL DEPARTMENTS LISTED MAY APPLY TO THIS PROJECT)	
AREA	CONTROLS		
MAIN SALES FLOOR	LIGHTING DIMMING PANEL		
WINE AND SPIRITS	LIGHTING DIMMING PANEL		
DINING AREAS and BAR	DIMMER SWITCHES (SEE SPECIFIC SCHEDULE AND DIAGRAMS FOR DIMMING CONTROLS)		
KITCHEN	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S)	PE-2008000670	ES-2008000670
ASIAN KITCHEN	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S)	PE-2008000670	ES-2008000670
BAKERY	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S) PROVIDE STYLE LINE WALL SWITCH FOR CAFE DECORATING TRACK LIGHTS	PE-2008000670	ES-2008000670
MEAT DEPT	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S) PROVIDE STYLE LINE WALL SWITCH FOR SEAFOOD TRACK LIGHTS	PE-2008000670	ES-2008000670
CHEESE ISLAND	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S)	PE-2008000670	ES-2008000670
PHARMACY	WATSTOPPER DT-300 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S) FOR 2X2 LIGHTING. PROVIDE STYLE LINE WALL SWITCH FOR RECESSED FIXTURES AT BLUEHEAD OVER PHARMACY COUNTER	PE-2008000670	ES-2008000670
PHARMACY CONSULT. ROOM	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
DEPT HEADS OFFICE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
ASSISTANT MANAGER OFFICE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
EMPLOYEE LOUNGE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
CASH ACCOUNTABILITY	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
PRODUCE PREPAC	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
SCAN ROOM OFFICE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
ACCOUNTING OFFICE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
COMMUNICATIONS CLOSET	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
WINE and SPIRITS STORAGE	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
CLINIC/EXAM ROOMS	WATSTOPPER DT-300 OCCUPANCY SENSOR WITH 82-50 POWER PACK	PE-2008000670	ES-2008000670
HOME COOKING ROOM	WATSTOPPER DT-300 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
HR OFFICE	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
DETITIAN OFFICE	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
DIRECTORS OFFICE	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
ACCOUNTING STORAGE	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
JANITORS CLOSET	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
MOTHERS ROOM	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
PHARMACY STORAGE	WATSTOPPER PW-100 WALL SWITCH WITH INTEGRAL 82-50 POWER PACK	PE-2008000670	ES-2008000670
BACK STOREROOM/DOCK (W/ SKYLIGHTS)	WATSTOPPER LS-102 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S)	PE-2008000670	ES-2008000670
INDIVIDUAL RESTROOMS	WATSTOPPER O-200-1 CEILING MOUNTED OCCUPANCY SENSOR (EACH RESTROOM OR HALL) WITH 82-50 POWER PACK AND OCCUPANCY WALL CONTROL.	PE-2008000670	ES-2008000670
FREEZERS and COOLERS (except BEER COOLER)	WATSTOPPER CB-100 OCCUPANCY SENSORS(S) WITH 82-50 POWER PACK(S) (VERIFY LOCATION OF 82-50 POWER PACK - INSIDE OR OUTSIDE OF FREEZER/COOLER)	PE-2008000670	ES-2008000670
BEER COOLER	STYLE LINE WALL SWITCH		
WINE TASTING ROOM	STYLE LINE WALL SWITCH		
FRONT ELECTRIC ROOM	STYLE LINE WALL SWITCH		
VESTIBULES	NO CONTROLS (TO BE SWITCHED BY PANELBOARD BREAKER)		
DEPT HEADER TRACK LIGHTS	NO CONTROLS (TO BE SWITCHED BY PANELBOARD BREAKER)		
NOTES			
1. COORDINATE ALL LIGHTING CONTROLS WITH DRAWINGS PREPARED BY ENERGY MANAGEMENT CONSULTANTS.			
2. ANY AREA NOT LISTED ABOVE SHALL BE CONTROLLED BY A STYLE LINE WALL SWITCH.			

CIRCUIT 'MARKET GRILLE' LIGHTING FIXTURES TO ELECTRICAL PANELS 'S', 'U', AND 'L' (EMER PANEL)

PROVIDE A PERMANENT PLASTIC PLAQUE LABEL FOR EACH SWITCH DESCRIBING ITS USE AND CIRCUIT NUMBER

PROVIDE DEEP BOXES FOR DIMMER SWITCHES

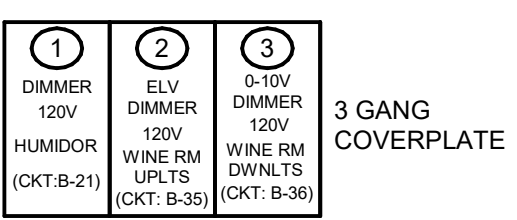


2 'MARKET GRILLE' LIGHTING SWITCH LAYOUT

E3.1 SCALE: NONE

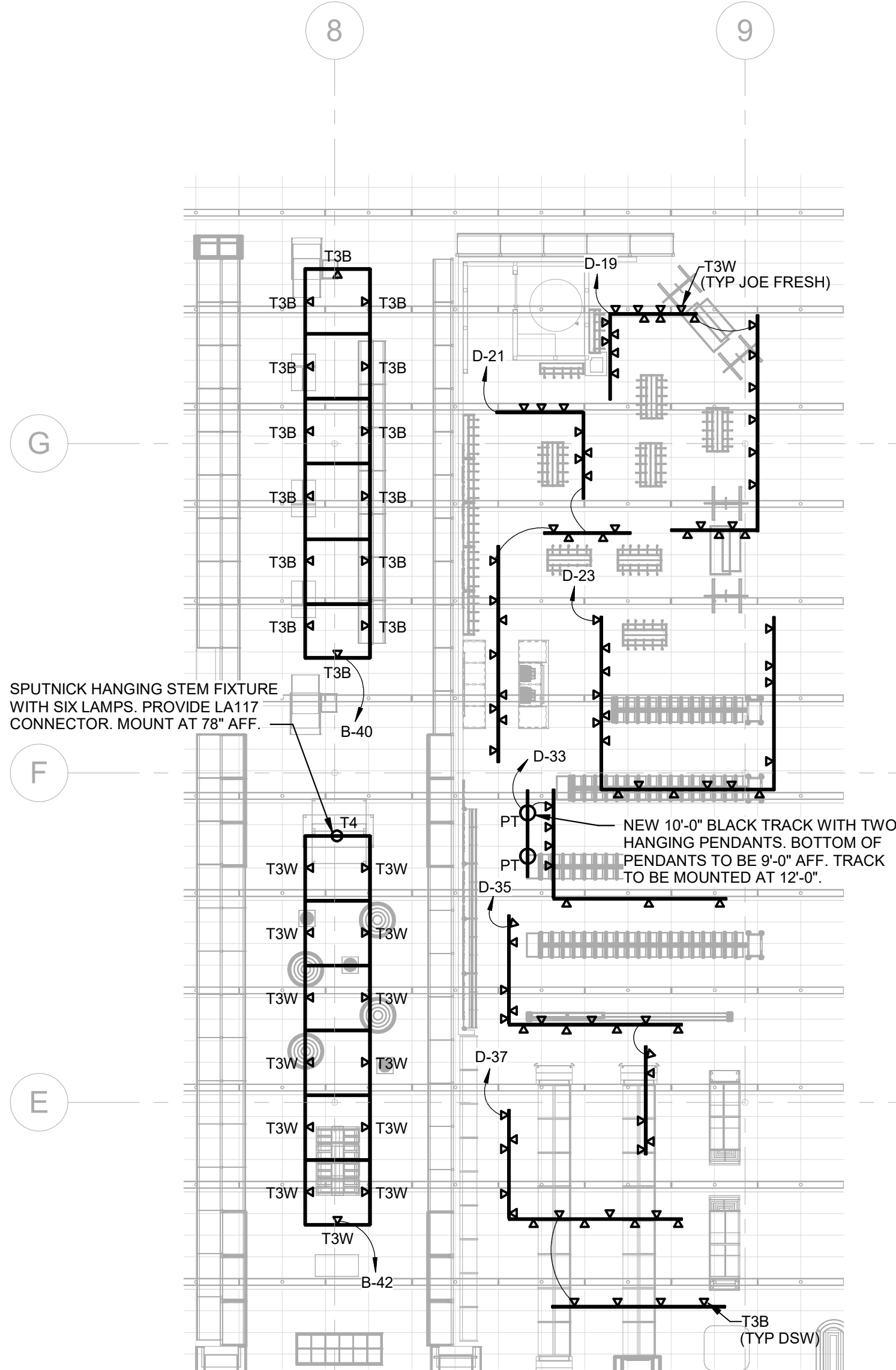
PROVIDE A PERMANENT PLASTIC PLAQUE LABEL FOR EACH SWITCH DESCRIBING ITS USE AND CIRCUIT NUMBER

PROVIDE DEEP BOXES FOR DIMMER SWITCHES



3 'WINE & SPIRITS' LIGHTING SWITCH LAYOUT

E3.1 SCALE: NONE



LIGHTING FLOOR PLAN - GREETING CARDS/CANDY/JOE FRESH/DSW
1/32" = 1'-0"

REVISION

2 ASI #5
3 ASI #5
7 ASI #7
8 ASI #5

DATE BY
01/07/21
04/16/21
04/16/21
05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM

1950003081
MO. CORPORATE NO. E-5560
EXPRESS 12/31/2021

PROFESSIONAL SEAL
STATE OF MISSOURI
VINCENT G. MASLIONS
NUMBER PE-2008000670
EXPIRATION DATE 12/31/2021

05/20/2021
VINCENT G. MASLIONS
LICENSE # PE-2008000670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD
HY-VEE INC.
5820 WEST TOWN PARKWAY
WEST DES MOINES, IOWA 50366
TEL 515.281.2600 FAX 515.267.4335

EMPLOYEE OWNED

NORTH
PLAN NORTH

LIGHTING SCHEDULES AND DETAILS

PROJECT MANAGER
SL

CHECKED BY
HEI

DRAWN BY
HENDERSON

DATE
10/19/2020

SCALE
AS NOTED

JOB NUMBER
62830547

E3.1