ELECTRICAL LOAD ANALYSIS

RREEZER-1 (@ 14.5A, 120V		. COFFEE MAKER-1 @ 13A 120V	. 25% OF LARGEST MOTOR25 X 1,920W	PROPOSED RESTAURANT BUILDOUT: LIGHTING-1.500 SO FT X 2 W/SO FT X 125%
1,740 W = 1,320 W = 1,320 W = 1,320 W	= 1,920 W = 500 W = 3,360 W		-= 480 W -= 1,875 W -= 1,440 W	= 3,750 W -= 4,320 W -= -0-

SUMMARY AMPS @ 277/480V,3PH,4W

SUBTOTAL CONNECTED LOAD--

= 66,701 W

PHASE A 82.5A	I. TOTAL CONNECTED LOAD AMPS:		BLENDER	FREEZER	MEAT GRINDER	WIC CU	. HOOD LTS	HOOD SUPP FAN	HOOD EXH FAN	WIC EVAP	. COFFEE MAKER	MICROWAVE	STORE FRNT SGN	OTHER LOAD	25% LARGEST MTR	HVAC-HTG > AC	RECEPTACLES	LIGHTING	P
^ N	AD AM	0	4 8 O	÷	þ	7 0A	þ	þ	4.0A	þ	5.6A	5.2A	o		1.0A	45.2A	5.2A	4.5A	PHASE A
PHASE B 80.3A	PS:	4.3A	- o	6.3A	þ	o	¢	4.0A	4.0A	þ	0	0	6.8A		þ	45.2A	5.2A	4.5A	PHASE B
PHASE C 82.6A		þ,	4 8 A	÷	5.2A	7.0A	1.8A	4.0A	þ	3.9A	0	o	o		1.0A	45.2A	5.2A	4.5A	PHASE C
NEUTRAL 58.4A		4.3A	4.8A	6.3A	5.2A	þ	1.8A	þ	þ	3.9A	5.6A	5.2A	6.8A		þ	þ	5.2A	4.5A	NEUTRAL

LUMINARIES SCHEDULE

LIGHT FIXTURE SCHEDULE

DESCRIPTION

-----METALUX #2HB-332-A-UNV 120/277V-EB81, CHAIN HUNG FLUORESCENT FIXTURE, 2' X 4';- WITH 2-32W, T8 LAMPS AND 120/277V UNV BALLAST. CHAIN HANG 10' AFF TO BOTTOM OF FIXTURE.

----METALUX "OPTICA SERIES" 2X2 LAYIN PARABOLIC FIXTURE #2EP3GAX-2U15/8(31WT8)ST36M1-120/277V(UNV) BALLAST, RECESSED 2X2, 18 CELL PARABOLIC, 2-U15/8(31W T8) LAMPS, WIRED FOR 120/277V OPERATION.

----METALUX#2GR8-332A-UNIV-EB81-2X4 FLUORESCENT LAYIN FIXTURE, ACRYLIC LENS, 2F32CW ES LAMPS, 120V/277V UNIVERSAL ES BALLAST.

----100W VAPORPROOF INCANDESCENT LIGHT BULB, UL LISTED, 120V OR APPROVED EQUAL.

L ——EMERGENCY EGRESS LIGHT EXTURE WITH BATTERY BACK-UP-SURCLITEBUMS-I NICANDESCENT LIGHT EXTURE: (2027) BALLAST, UNIVERSAL MOUNT, APPROYED FOR WET LOCATIONS, 2-8W INCANDESCENT SEALED BEAM LAMPS AND 90 MINUTE LEAD CALCIUM BATTERY BACKUP.

—SURELITE# UNH-1-SRWDH-DUAL VOLTAGE 120277/, UNIVERSAL MOUNT (WALL/CELING/END MOUNT)-EXIT IGHT FIXTURE WITH BATTERY BACKUP, RED LETTERS ON WHITE BACKGROUND, 220W, 15-12 INTERNEDIATE BASE LAMPS AND SEALED LEAD CALCIUM BATTERY.

17	15	13	=	9	7	5	3	1	CKT. W NO. SIZE	MCB AIC =	M	6	MAIN	é	PANEL
1	-	1	ō	5	ō	10	1 0	10	W SIZE	AC = 18	TYPE	LOCATION	~	VOLTAGE	臣
SPACE	SPACE	SPACE	1/2°C	3#10,1#10(G),	RTU2-15KW,480V,3PH	1/2"C	3#10,1#10(G),	RTU1-15KW,480V,3PH	LOAD DESCRIPTION	MCB AIC = 18,000 (18KAIC) BCB'S AIC = 14,000 (14KAIC)	MTG./TYPE SURFACE/NEMA 1	KITCHEN	200AF,150/3	277/480V,3PH,4W	Ή"
1	-	-	←	F	30	<u></u>	F	30	с/в						
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የ	SPACE	SPACE	0	SPACE	0,00	0.0		0 0 00	↑ C/B	50A & &	A B C TOTAL	PHASE C	ETER PHASE B	EED FROM: PHASE A	AIN BUSS: 150A CONNECTED LOAD
<u>የ</u> 		6 6 6 - SPACE	000	SPACE	0 0 -	0 0 0 0	3#6,1#10(c),	0 0		50A 0 0	A B C TOTAL 14,880	PHASE C 14,958			_

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	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPARE	SPARE	W.I.C. EVAPARATOR-1080W	3 REC'S-540W	*SHUNT-TRIP	MAU-1-1920W	EF-3-1920W	*SHUNT-TRIP	20 LTS- 200W	7C,1EGL,1X1,LTS-574W	3B,1C,1X1 LTS, 2EF-504W	18A,1EGL,1X1 LTS-648W	LOAD DESCRIPTION	MCB AIC = 22,000 (22KAIC) BCB'S AIC = 10,000 (10KAIC)	MTG./TYPE SURFACE/NEMA 1	KITCHEN	200AF,125/3	120/208V,3PH,4W	
1	ı	ı	-	-	-	-	-	20	20	20	20	1	20	20	-	20	20	20	20	С/в						
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	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPARE	SPARE	1D LTS-100W	4 REC'S-720W	2#12,1#12(G),1/2"C	W,I,C. CU-14A,240V,1/0	3 REC'S-540W	1WP/GFI REC-180W	4 REC'S-720W	3 REC'S-540W	3 REC'S-540W	3 REC'S-540W	LOAD DESCRIPTION		TAL	PHASE C	PHASE B	PHASE A	CONNECTED LOAD
										OOW	720W	,1/2"c	240V,1/0	40W	:-180W	720W	540W	340W	340W	RIPTION		14,880	4,920	3,000	6,960	VA
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ELECTRICAL **SCHEDULES**

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PRO. NO. SCALE ELECTRICAL PLAN FOR A LEASE SPACE LOCATED AT

04/25/2011 DATE

M.A. DRAWN BY M.A. CHECK BY 7219 FAIRMOND SUITE 185 PASADENA TX 77505