

PANEL "C" LOCATION: PANTRY FED FROM: UTILITY		OC DEVICE TYPE: BREAKER DEVICE FAMILY: BOLT ON				ENCLOSURE: NEMA 1 MOUNTING: SURFACE VOLTAGE: 208/120				MAINS(A): 400 MCB WIRING: 3-PHASE 4-WIRE		CONTINUOUS(A): 400 BUS SC RATING(A) 35000 FAULT CURRENT(A): 0			
OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE A	LOADS B	VA C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P	
20 1	-	INTERIOR LIGHTING	LTG	1077	1	2914			2	1837	REC	KITCHEN EQUIPMENT - 2A	-	20 1	
20 1	-	INTERIOR LIGHTING	LTG	750	3		2577		4	1827	REC	KITCHEN EQUIPMENT - 2B	-	20 1	
20 1	-	INTERIOR RECEPTACES	REC	900	5			2424	6	1524	REC	KITCHEN EQUIPMENT - K3	-	20 1	
20 1	-	INTERIOR RECEPTACES	REC	360	7	2160			8	1800	REC	KITCHEN EQUIPMENT - K4	-	20 1	
30 2	-	KITCHEN EQUIPMENT - K10	REC	5034	9		4125		10	1608	REC	KITCHEN EQUIPMENT - K5	-	20 1	
-	-	-	-	-	11			3165	12	648	REC	KITCHEN EQUIPMENT - K6A	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K11A	REC	1440	13	2088			14	648	REC	KITCHEN EQUIPMENT - K6B	-	20 1	
30 2	-	KITCHEN EQUIPMENT - K11B	REC	4992	15		3648		16	1152	REC	KITCHEN EQUIPMENT - K7A	-	20 1	
-	-	-	-	-	17			3648	18	1152	REC	KITCHEN EQUIPMENT - K7B	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K19	REC	1080	19	2080			20	1000	REC	KITCHEN EQUIPMENT - 17	-	20 1	
20 1	-	KITCHEN EQUIPMENT - E1A	REC	1200	21		1546		22	346	REC	KITCHEN EQUIPMENT - 18	-	15 1	
20 1	-	KITCHEN EQUIPMENT - E1B	REC	1200	23			2700	24	1500	REC	KITCHEN EQUIPMENT - K15	-	20 1	
20 1	-	KITCHEN EQUIPMENT - E1C	REC	1200	25	4032			26	8496	COOL	RTU-PH-1	-	40 3	
20 1	-	KITCHEN EQUIPMENT - E1D	REC	1200	27		4032		28	-	-	-	-	-	
60 2	-	RTU-PH-2	COOL	14112	29			7536	30	-	-	-	-	-	
-	-	-	-	-	31	7536			32	11232	COOL	RTU-PH-3	-	50 3	
-	-	-	-	-	33		7536		34	-	-	-	-	-	
50 3	-	RTU-PH-4	COOL	11232	35			7488	36	-	-	-	-	-	
-	-	-	-	-	37	4176			38	1260	GEN	KEF-PH-1	-	20 2	
-	-	-	-	-	39		4176		40	-	-	-	-	-	
20 1	-	IWH-HP-1	GEN	87	41			3831	42	-	-	-	-	-	
20 1	-	KSF-PH-1	MTR	600	43	2100			44	3000	GEN	UH-PH-1	-	20 2	
20 1	-	FLOOR RECEPTACLE	REC	1200	45		2700		46	-	-	-	-	-	
20 1	-	FLOOR RECEPTACLE	REC	1200	47			2200	48	1000	REC	KITCHEN EQUIPMENT - E1E	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	49	2200			50	1000	REC	KITCHEN EQUIPMENT - E1F	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	51		2200		52	1000	REC	KITCHEN EQUIPMENT - E1G	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	53			2200	54	1000	REC	KITCHEN EQUIPMENT - E1H	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	55	1180			56	1000	REC	KITCHEN EQUIPMENT - E1I	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	57		680		58	500	LTG	EXTERIOR LTG CONTACTOR	-	20 1	
20 1	-	EXTERIOR RECEPTACES	REC	360	59			860	60	500	LTG	EXTERIOR LIGHTING	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	61	1380			62	1200	REC	KITCHEN EQUIP - E1J & E1K	-	20 1	
20 1	-	KITCHEN EQUIP - E1S & E1T	REC	1200	63		2400		64	1200	REC	KITCHEN EQUIP - E1L & E1M	-	20 1	
20 1	-	KITCHEN EQUIPMENT E1U	REC	1200	65			2400	66	1200	REC	KITCHEN EQUIP - E1N & E1P	-	20 1	
20 1	-	KITCHEN EQUIPMENT E1V	REC	1200	67	2400			68	1200	REC	KITCHEN EQUIP - E1Q & E1R	-	20 1	
20 1	-	KITCHEN EQUIPMENT E1W	REC	1200	69		1200		70	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	71			0	72	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	73	0			74	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	75		0		76	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	77			0	78	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	79	0			80	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	81		0		82	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	83			0	84	0	SPR	SPARE	-	20 1	
ALL CONNECTED		KVA	MAX AMPS	* PHASE TOTALS			VA	AMPS			BUS TOTALS			KVA	
TOTAL CONNECTED		88.33	245.4	* A-N			34346.0	286.2			CONNECTED			108.62	
TOTAL DEMAND		88.33	245.4	* B-N			36820.0	306.8			DEMAND (125% LTG)			3.53	
TOTAL DESIGN		88.33	245.4	* C-N			38542.0	321.2			DEMAND (100% HVAC)			47.12	
														DEMAND (65% KIT)	37.68
														DEMAND	88.33
														DESIGN	88.33
NOTES: 1. PROVIDE A NEMA 4X PANELBOARD COVER.															

PANELBOARD NOTES ONLY	
1.	EXISTING CIRCUIT BREAKER AND LOAD(S) TO REMAIN AS IS.
2.	DISCONNECT AND REMOVE EXISTING "BLANK" FILLER TO ALLOW NEW CIRCUIT BREAKER AS INDICATED.
3.	PROVIDE A NEW CIRCUIT BREAKER AS INDICATED. MATCH EXISTING MANUFACTURER AND AIC RATING.
4.	PROVIDE AN UPDATE PANELBOARD SCHEDULE.

LIGHT FIXTURE SCHEDULE								
MARK	TYPE OF LUMINAIRE	MANUFACTURE / CATALOG NUMBER	QTY-TYPE OF LAMP	MAXIMUM INPUT WATTS	INPUT VOLTAGE	ALLOCATED FIXTURE LOAD(VA)	MOUNTING	NOTES
A	LED PENDANT LIGHT	WAC LIGHTING # PD-42918-BK	LED (2400 LUMENS)	41	120	41	PENDANT	1
B	LED PENDANT LIGHT	WAC LIGHTING # PD-72718-BK	LED (2450 LUMENS)	33.5	120	33.5	PENDANT	1
C	6" APERATURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120	LED	26	120	26	RECESSED	1
CE	6" APERATURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120 EL	LED	26	120	26	RECESSED	1,2
D	6" APERATURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120	LED	26	120	26	RECESSED	1
DE	6" APERATURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120 EL	LED	26	120	26	RECESSED	1,2
G	2 x 2 FLAT PANEL LIGHT	LITHONIA LIGHTING # EPANL2X2 3400LM 80CRI 35K ZT 120	LED	31	120	31	RECESSED	1
GE	2 x 2 FLAT PANEL LIGHT	LITHONIA LIGHTING # EPANL2X2 3400LM 80CRI 35K E10WCP ZT 120	LED	31	120	31	RECESSED	1,2
H	VANITY LIGHT	WAC LIGHTING # WS-77624-35-BK	LED	20.5	120	20.5	WALL	1
J	4'-0" LED STRIPLIGHT	LITHONIA LIGHTING # ZLIN L48 ASR 3000LM ASR 120 30K 80 CRI WH HC36M12	LED	25	120	25	SUSPENDED	1
JE	4'-0" LED STRIPLIGHT	LITHONIA LIGHTING # ZLIN L48 ASR 3000LM ASR 120 30K 80 CRI E10WLCP WH HC36M12	LED	25	120	25	SUSPENDED	1,2
K	WALL SCONCE	COOPER LIGHTING # 605-25-WP-L3/830-UNV-BM	LED	20	120	20	WALL	1
L	LIGHT BOLLARD	MATCH EXISTING BOLLARDS	LED	20	120	20	GRADE	1
M	ACCENT LIGHT	LITHONIA LIGHTING # DSXF1-LED-P1-WFL-MVOLT-THK	LED	21	120	21	GRADE	1
N	6" APERATURE DOWNLIGHT WITH GLASS LENS	TBD	LED	26	120	26	RECESSED	1
(RR)	EXISTING LIGHT FIXTURE	EXISTING RELOCATED LIGHT FIXTURE	-	-	120	-	GRADE	1
(NL)	EXISTING RELOCATED LIGHT FIXTURE	EXISTING RELOCATED LIGHT FIXTURE	-	-	120	-	GRADE	1
X1	EXIT SIGN W/EMERGENCY BUG-EYES	LITHONIA LIGHTING # LHQM LED R M6	LED	4.3	120	4.3	UNIVERSAL	1
EBU	EMERGENCY BATTERY UNIT	COOPER LIGHTING SURE-LITE # AEL2-31-BK	LED	2.2	120	2.2	WALL	1
GENERAL NOTES: 1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND TRIM. 2. RE: 1/E0.3 EMERGENCY BALLAST/DRIVER SWITCHING DETAIL FOR ADDITIONAL INFORMATION.								

MECHANICAL EQUIPMENT / ELECTRICAL SCHEDULE BY SYMBOL "##"												
NO.	DESCRIPTION	UNIT SERVES	LOAD				DISCONNECT AT UNIT		CIRCUIT		NOTES	
			MCA	MOCP	KW OR HP	FLA	VOLTS/PH	TYPE	MOUNTING	NUMBER		WIRE SIZE
(RTU-PH-1)	ROOF TOP UNIT - PH - 1	KITCHEN AREA	29.5	40A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-26,28,30	1"C - 3#8, 1#10G	1
(RTU-PH-2)	ROOF TOP UNIT - PH - 2	EXIST. FACILITY	49.0	60A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-29,31,33	1-1/4"C - 3#4, 1#10G	1
(RTU-PH-3)	ROOF TOP UNIT - PH - 3	CONNECTOR	39.0	50A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-32,34,36	1"C - 3#6, 1#10G	1
(RTU-PH-4)	ROOF TOP UNIT - PH - 4	CONNECTOR	39.0	50A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-35,37,39	1"C - 3#6, 1#10G	1
(UH-PH-1)	UNIT HEATER - PH - 1	RISER ROOM	14.5	20A	-	-	208 / 1	30A/NF/NEMA 1	ADJACENT TO UNIT	C-44,46	3/4"C - 3#12, 1#12G	1
(EF-PH-1)	EXHAUST FAN - PH - 1	EXIST TOILETS	-	20A	0.3 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4"C - 2#12, 1#12G	1
(EF-PH-2)	EXHAUST FAN - PH - 2	TOILETS	-	20A	85W	-	120 / 1	BY DIVISION 23	BY DIVISION 23	C-3	3/4"C - 2#12, 1#12G	1
(EF-PH-3)	EXHAUST FAN - PH - 3	CRAWL SPACE	-	20A	0.17 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4"C - 2#12, 1#12G	1
(EF-PH-4)	EXHAUST FAN - PH - 4	CRAWL SPACE	-	20A	0.17 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4"C - 2#12, 1#12G	1
(KEF-PH-1)	KITCHEN EXHAUST FAN - PH - 1	KITCHEN HOOD	-	20A	0.75 HP	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-38,40,42	3/4"C - 3#12, 1#12G	1
(KSF-PH-1)	KITCHEN SUPPLY FAN - PH - 1	KITCHEN HOOD	-	20A	0.33 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	C-43	3/4"C - 2#12, 1#12G	1
(IWH-1)	INSTANTANEOUS WATER HTR - 1	-	-	20A	3 KW	-	120 / 1	LOCKABLE C.B.	IN PANELBOARD	C-41	3/4"C - 2#12, 1#12G	1
(IWH-2)	INSTANTANEOUS WATER HTR - 2	-	-	20A	3 KW	-	208 / 1	LOCKABLE C.B.	IN PANELBOARD	B1-2,4	3/4"C - 2#12, 1#12G	1
(WH-PH-1)	WATER HEATER - HP - 1	-	-	20A	3 KW	-	208 / 1	LOCKABLE C.B.	IN PANELBOARD	B1-6,8	3/4"C - 2#12, 1#12G	1
GENERAL NOTES APPLY TO ALL: VERIFY MOUNTING REQUIREMENTS WITH EQUIPMENT INSTALLER. VERIFY ACTUAL EQUIPMENT LOADS AND CONNECTION REQUIREMENTS WITH EQUIPMENT BEING INSTALLED. NOTES: 1. WIRE SIZED IS BASED ON NEC 310.16 75 DEGREE WIRE AND COPPER.												

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BUILDING

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MANSFIELD, TX 76063

BID SET

Drawing Title:

PANELBOARD & LIGHT
FIXTURE SCHEDULES

Project No.

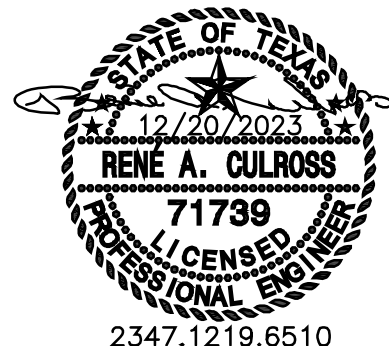
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