

PANELBOARD SCHEDULE – PANEL-A														PE1701
PANELBOARD DESCRIPTION							BREAKER OPTIONS					LOADS		
PANELBOARD NAME: A							ARC-FAULT: AF					KVA PHASE A 40.91		
MANUFACTURER / TYPE: 208 Y 120							GROUND FAULT: GF					KVA PHASE B 39.95		
VOLTS: 3 / 4							HACR: HA					KVA PHASE C 40.59		
PHASE / WIRE: MLO							HID LTG RATED: HD					AMPS PHASE A 340.9		
MAIN TYPE / CU BUS AMPS: 65,000							HIGH MAG LOAD: HM					AMPS PHASE B 333		
AIC SERIES RATING: 65,000							ISOLATED GROUND: IG					AMPS PHASE C 338.3		
MOUNTING: FLUSH							LOCK-ON: LO					KVA CONNECTED 121.5		
NEMA RATING: 1							SHUNT TRIP: ST					KVA DIVERSIFIED 105.2		
QUANTITY OF SECTIONS: 1							SWITCH RATED: SW					AMPS CONNECTED 337.1		
												AMPS DIVERSIFIED 292		
PHI	CIR	LOAD	EQ	LOAD	LOAD	CIR BKR	PHI	CIR BKR	LOAD	LOAD	EQ	LOAD	CIR	PHI
Notes	NO.	DESCRIPTION	NO	TYPE	KVA	*A/P/O		*A/P/O	KVA	TYPE	NO	DESCRIPTION	NO.	Notes
	1	WIC DISPLAY LITS/MENU/ID	L		0.614	20/1		20/1	1.080	R		OFFICE OUTLETS	2	
	3	HOOD CONTROL PANEL	M4	MS	0.500	20/1	B	20/1	0.720	R		MUSIC, DVD, MONITOR	4	
	5	POS EQUIPMENT	M6A	R	1.100	20/1	C	20/1	0.540	R	83A	COMPUTER	6	
A	7	DT POS EQUIPMENT	M6A	R	1.100	20/1/GF	A	20/1	0.132	X	10J	ICE MACHINE	8	
	9	CARBONATOR(4B) & 95-4-53	R		0.540	20/1	B		3.050	HT			10	
	11	RICE WARMER	M4A	K	0.105	20/1	C	40/2	3.050	HT	CHF-25	HEATED AIR CURTAIN	12	
A	13	REFRIG PREP TABLE	M4A	X	1.440	20/1/GF	A	20/1	0.500	M1	M8A	REAR DOOR FLY FAN	14	
A	15	REFRIG PREP TABLE	M40	X	1.080	20/1/GF	B		0.250	X			16	
A	17	L/C FREEZER	M30K	X	0.792	20/1/GF	C	20/2	0.250	X	32M	WIF EVAP COIL	18	
	19	ICE & BEVERAGE DISP	M4B/10J	X	1.248	20/1	A	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	20	
	21	SERVING COUNTER	R		0.180	20/1	B	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	22	
	23	TEA BREWER	M0	K	1.776	20/1	C	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	24	
	25	FOOD PROCESSOR	M3	K	0.336	20/1	A	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	26	
	27	SPACE				1 POLE	B	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	28	
	29	WIC EVAP COIL	M1M	X	0.500	20/1	C	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	30	
B,C	31	RICE HOLDING CABINET	M2H	K	1.778	20/1/ST	A	20/1/GF	1.300	K	3J/3K	INDUCTION WELLS	32	
	33						B	20/1	1.100	K	152B2	TOP RADIANT HTR	34	
B,C	35	INDUCTION COOKER	M2	K	1.800	20/1/ST	C	20/1	0.840	K	152B1	TOP RADIANT HTR	36	
	37						A	20/1	1.100	K	152B2	TOP RADIANT HTR	38	
A	39	HEAT WRAP TAPE	M3-ST	K	0.500	20/1/GF	B	20/1	1.100	K	152B2	TOP RADIANT HTR	40	
	41	FLY LIGHT	R		0.180	20/1	C	20/1	0.840	K	152B1	TOP RADIANT HTR	42	
	43	DUCT DETECTORS	MS		0.540	20/1	A	40/2	3.000	HT	P3	WATER HEATER (ELEC)	44	
	45	FOOD PREP LTG & L100	L		1.646	20/1	B		3.000	HT			46	
	47	DINING AREA LTG	L		1.427	20/1	C	15/2	0.900	K	55A	MICROWAVE OVEN	48	
	49	SHOW WINDOW OUTLETS	R		0.540	20/1	A		0.900	K			50	
	51	GEN RECEP OUTLETS	R		0.720	20/1	B	20/1	0.180	R		FUTURE EQUIPMENT	52	
	53	EXT RECEP OUTLETS	R		0.360	20/1	C	20/1	0.720	R	96-3B	DINING TVs	54	
	55	RR HAND DRYERS	MS		0.780	20/1	A	20/2	1.228	X	10J	ICE MACHINE CONDENSER	56	
	57	HME/SECURITY MONITORS	R		0.540	20/1	B	20/2	1.228	X			58	
A	59	WATER HEATER (GAS)	M2	MS	0.050	20/1/GF	C	20/2	1.040	X	32-S1	WIF CONDENSER	60	
	61	TEA BREWER	M0	K	1.776	20/1	A	20/2	1.040	X			62	
	63	RR LTG & L101 INVERTER	L		0.100	20/1	B		1.040	X	31-S1	WIC CONDENSER	64	
A	65	SOUP WARMER	M10	K	0.804	20/1/GF	C	20/2	1.040	X			66	
	67	DT WINDOW	M10	MS	0.600	20/1	A		5.160	HV			68	
A	69	INDUCTION WELL	M10	K	1.300	20/1/GF	B	50/3	5.160	HV	RTU-3	10 TON ROOFTOP AC UNIT	70	
	71	INDUCTION WELL	M10	K	1.300	20/1/GF	C		5.160	HV			72	
	73						A		5.160	HV			74	
	75						B	50/3	5.160	HV	RTU-2	10 TON ROOFTOP AC UNIT	76	
	77	ELECTRIC GRILL	M3	K	3.000	40/3/ST	C		5.160	HV			78	
	79						A		3.960	HV			80	
A	81	INDUCTION WELL	M10	K	1.300	20/1/GF	B	45/3	3.960	HV	RTU-1	5 TON ROOFTOP AC UNIT	82	
A	83	INDUCTION WELL	M10	K	1.300	20/1/GF	C		3.960	HV			84	
*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY														
PANELBOARD LOAD SUMMARY														
LOAD DESCRIPTION	TYPE	(KVA) X	DEMAND FACTOR	=	DIVERSIFIED KVA									
LIGHTING	L	3.787	1.25		4.734									
EXTERIOR LIGHTING & SIGNAGE	EL	0.000	1		0.000									
RECEPTACLES	R	8.500	PER(>10KVA@50%)		8.500									
MISCELLANEOUS	MS	2.470	1.25		3.088									
HVAC	HV	42.840	1		42.840									
HEAT	HT	12.100	1		12.100									
SINGLE PHASE MOTOR	M1	0.500	1.25		0.625									
THREE PHASE MOTOR	M3	0.000	1		0.000									
KITCHEN EQUIPMENT	K	38.955	0.65		25.321									
KITCHEN REFRIG EQUIPMENT	X	12.308	0.65		8.000									
TOTAL					121.460						TOTAL			105.207

PANELBOARD SCHEDULE – PANEL-B															PE1701
PANELBOARD DESCRIPTION							BREAKER OPTIONS					LOADS			
PANELBOARD NAME: B							ARC-FAULT: AF					KVA PHASE A 12.78			
MANUFACTURER / TYPE: /							GROUND FAULT: GF					KVA PHASE B 12.69			
VOLTS: 208 Y 120							HACR: HA					KVA PHASE C 9.992			
PHASE / WIRE: 3 / 4							HID LTG RATED: HD					AMPS PHASE A 106.5			
MAIN TYPE / CU BUS AMPS: MLO / 225 AMP							HIGH MAG LOAD: HM					AMPS PHASE B 105.7			
AIC SERIES RATING: 65,000							ISOLATED GROUND: IG					AMPS PHASE C 83.27			
MOUNTING: FLUSH							LOCK-ON: LO					KVA CONNECTED 35.46			
NEMA RATING: 1							SHUNT TRIP: ST					KVA DIVERSIFIED 35.74			
QUANTITY OF SECTIONS: 1							SWITCH RATED: SW					AMPS CONNECTED 98.42			
												AMPS DIVERSIFIED 99.22			
PHI	CIR	LOAD	EQ	LOAD	LOAD	CIR BKR	PHI	CIR BKR	LOAD	LOAD	EQ	LOAD	CIR	PHI	
Notes	NO.	DESCRIPTION	NO	TYPE	KVA	*A/P/O		*A/P/O	KVA	TYPE	NO	DESCRIPTION	NO.	Notes	
	1	LOGO & ID SIGNS		EL	1.080	20/1	A	20/2	1.228	X	10J-S1	ICE MACHINE CONDENSER	2		
	3	EXTERIOR LIGHTING		EL	1.150	20/1	B		1.228	X			4		
	5	EXTERIOR LIGHTING		EL	1.150	20/1	C						6	B,C	
	7	IRRIGATION SYS OUTLET		R	0.180	20/1	A	20/1/ST	0.960	K		FRYER CONTROLS	8		
	9	BEVERAGE DISPENSER	44B	K	1.116	20/1	B	1 POLE				SPACE	10		
	11	SECURITY/POS MONITORS		R	0.360	20/1	C	1 POLE				SPACE	12		
	13	TIMER SYSTEM	94-1A	MS	0.500	20/1	A	1 POLE				SPACE	14		
	15	DINING TVs	96-3B	R	0.360	20/1	B	1 POLE				SPACE	16		
	17	SPACE				20/1	C	1 POLE				SPACE	18		
	19	SPACE				1 POLE	A	1 POLE				SPACE	20		
	21	MONUMENT SIGN		EL	0.500	20/1	B	1 POLE				SPACE	22		
	23	BUILDING LIGHTING		EL	0.610	20/1	C	1 POLE				SPACE	24		
	25	MENUBOARD		MS	1.500	20/1	A		0.708	M3			26		
	27	DT ORDERING STATION		MS	1.000	20/1	B	15/3	0.708	M3	EF-1	HOOD EXHAUST FAN	28		
	29	ROOFTOP UNIT OUTLETS		R	0.540	20/1	C		0.708	M3			30		
	31	SPACE				1 POLE	A		0.708	M3			32		
	33	SPACE				1 POLE	B	15/3	0.708	M3	EF-2	HOOD EXHAUST FAN	34		
	35	SPACE				1 POLE	C		0.708	M3			36		
	37			HV	4.872		A		1.044	M3			38		
	39	OPTIONAL MAKE-UP AIR CONDENSER	CU-1	HV	4.872	60/3	B	15/3	1.044	M3	MUA-1	HOOD MAKE-UP AIR UNIT	40		
	41			HV	4.872		C		1.044	M3			42		
*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY															
PANELBOARD LOAD SUMMARY															
LOAD DESCRIPTION			TYPE	(KVA)	X	DEMAND FACTOR	=	DIVERSIFIED KVA							
LIGHTING			L	0.000		1.25		0.000							
EXTERIOR LIGHTING & SIGNAGE			EL	4.490		1.25		5.613							
RECEPTACLES			R	1.440		PER(>10KVA@50%)		1.440							
MISCELLANEOUS			MS	3.000		1.25		3.750							
HVAC			HV	14.616		1		14.616							
HEAT			HT	0.000		1		0.000							
SINGLE PHASE MOTOR			M1	0.000		1.25		0.000							
THREE PHASE MOTOR			M3	7.380		1		7.380							
KITCHEN EQUIPMENT			K	2.076		0.65		1.349							
KITCHEN REFRIG EQUIPMENT			X	2.456		0.65		1.596							
TOTAL				35.458			TOTAL	35.744							