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PANELBOARD A										225 A MLO										LOCATION: OFFICE									
208Y/120; 3-PHASE										225 MAIN BUS										MOUNT: FLUSH									
WITH EQUIPMENT GROUND BUS										100% NEUTRAL BUS										TYPE: NEMA 1									
										65 IA/C BUS AND BRACING																			
NOTE	L	R	M	K	O	C.B.	POLE	LOAD AREAS			Ø	Ø	Ø	LOAD AREAS			POLE	C.B.	O	K	M	R	L	NOTE					
										AND LOCATION										AND LOCATION									
GF			420			20/1	1	S-285 BEVERAGE DISPENSER D/T					S-546 ICE TEA EQUIPMENT	2	20/1	1780									GF				
GF			1060			20/1	3	BEVERAGE DISPENSER (SELF-SERVICE)					U-100 & U-070 POS(2) & RECEIPT PRINTER (2)	4	20/1	1200									GF				
GF			1080			20/1	5	R-009 FULL HEIGHT FREEZER					F-174 SAFE W/ TOUCH SCREEN CONTROLS	6	20/1	360									GF				
						20/1	7	SPARE					S-570 CARBONATOR	8	20/1	860									GF				
					20/10	30/2	9	P-452 HOT WATER DISPENSER					F-090, U-061, U-070 UPS (2), PRINTER & C. CARD READER	10	20/1	960									GF				
					20/10	-	11	-					RECEPTACLES - POS	12	20/1								540		GF				
GF					1920	20/1	13	S-005 HEATED CABINET					F-080 OFFICE PRINTER/COPIER/FAX/SCANNER	14	20/1	240										GF			
					300	20/1	15	F-040 OFFICE COMPUTER					U-100 & F-090 POS (2) & UPS (2)	16	20/1	1200									GF				
1					360	15/1	17	U-052 SECURITY SYSTEM					C-400 & P-417 TIMERS (2)	18	20/1	720									GF				
					360	20/1	19	RECEPTACLES - OFFICE					S-570 CARBONATOR	20	20/1	860									GF				
					130	20/1	21	S-240 ORDER CONFIRMATION BOARD/SWITCHBOX					U-011 BASE STATION - D/T COMM. SYSTEM	22	20/1	240										GF			
GF					360	20/1	23	U-054 CCTV AND MONITOR					C-107 RETHERMALIZER	24	20/1	360										DF			
GF					540	20/1	25	S-540 PEPSI BOOSTER TANK/CO2 MONITOR					SHUNT TRIP BREAKER	26	ST														
						20/1	27	SPARE					SPARE	28	20/1														
						20/1	29	SPARE					SPARE	30	20/1														
						20/1	31	SPARE					U-238 KITCHEN MONITOR - IG	32	20/1	180										GF			
						20/1	33	SPARE					S-204 D/T TIMING SYSTEM	34	20/1	860										GF			
					20/10	30/2	35	P-452 HOT WATER DISPENSER					S-547 BUN POD BREWER	36	15/1	1430										DF			
					20/10	-	37	-					SHUNT TRIP BREAKER	38	ST														
						20/1	39	SPARE					C-046 DUAL VAT FRYER	40	20/1											DF			
GF					1920	20/1	41	S-004 HEATED CABINET					SHUNT TRIP BREAKER	42	ST														

PANELBOARD B										225 A MLO										LOCATION: OFFICE									
208Y/120; 3-PHASE										225 MAIN BUS										MOUNT: FLUSH									
WITH EQUIPMENT GROUND BUS										100% NEUTRAL BUS										TYPE: NEMA 1									
										65 IA/C BUS AND BRACING																			
NOTE	L	R	M	K	O	C.B.	POLE	LOAD AREAS			Ø	Ø	Ø	LOAD AREAS			POLE	C.B.	O	K	M	R	L	NOTE					
										AND LOCATION										AND LOCATION									
2			750			20/1	1	LTG - KITCHEN					SPARE	2	20/1														
					180			UTILITY RECEPTACLE					LTG - DINING ROOM	4	20/1									704	2				
2			800			20/1	5	LTG - COOLER & FREEZER					TACO BELL COMBINED CONTROL BOX	6	20/1	500													
2			100			20/1	7	LTG - EXTERIOR LIGHTS					REMOTE ALARM LT	8	20/1									360					
2			800			20/1	9	LTG - EXTERIOR LIGHTS					S-240 ORDER CONFIRMATION BOARD/SWITCHBOARD	10	20/1	130													
					200			RECEPTACLES - UTILITY					SPARE	12	20/1														
2			1000			20/1	13	LTG - LANDSCAPE					L-015 MENU BOARDS	14	20/1								1080						
2			230			20/1	15	LTG - MENUBOARD					LTG - BUILDING - SIGN	16	20/1														
						20/1	17	S-286 WATER FILTER SYSTEM					LTG - BUILDING - SIGN	18	20/1									1200	2				
						20/1	19	LTG - SHOW WINDOW					LTG - BUILDING - SIGN	20	20/1									1200	2				
						20/1	21	LTG - SHOW WINDOW					LTG - MENU ORDER CANOPY	22	20/1									1000					
						20/1	23	LTG - SHOW WINDOW					SPARE	24	20/1														
2			600			20/1	25	LTG - SHOW WINDOW					SPARE	26	20/1														
2			410			20/1	27	LTG - DRIVE THRU SIGN					SPARE	28	20/1														
2			500			20/1	31	LTG - CLEARANCE BAR					SPARE	30	20/1														
2			500			20/1	33	LTG - DIRECTIONAL SIGN					SPACE	32															
						20/1	35	LTG - FUTURE PREVIEW BOARD					SPACE	34															
						20/1	37	SPARE					SPACE	36															
2			840			20/1	39	LTG - POLE LIGHTS					SPACE	38															
2			210			20/1	41	LTG - POLE LIGHTS					SPACE	40															
						20/1	41	LTG - POLE LIGHTS					SPACE	42															

CONNECTED KVA 3Ø				DEMAND AMPS				PER NEC 220-42				CONNECTED 3Ø LOAD CALCULATIONS			
LIGHTING	0.0	0.0	N/A	0.0				9.2	TOTAL KVA (ØA) =	76.4	AMPS				
RECEPTACLE	0.9	0.9	100%	2.5				8.8	TOTAL KVA (ØB) =	73.1	AMPS				
MOTOR	3.1	3.1	100%	8.6				11.2	TOTAL KVA (ØC) =	92.8	AMPS				
KITCHEN	12.7	8.3	65%	22.9											
OTHER	12.4	12.4	100%	34.4				80.8	TOTAL CONNECTED 3Ø AMPS						
SPARE	0.0	0.0	N/A	0.0				18.3	NEUTRAL AMPS						
TOTAL	29.1	24.7		68.4				23%	IMBALANCE						
FEEDER AMPACITY ADJUSTMENTS															
LIGHT AMPS				0.0											
MOTOR AMPS				2.2											
REMARKS:															
BOTTOM FED PANEL															

CONNECTED KVA 3Ø				DEMAND AMPS				PER NEC 220-42				CONNECTED 3Ø LOAD CALCULATIONS			
LIGHTING	15.0	15.0	100%	41.6				6.2	TOTAL KVA (ØA) =	51.5	AMPS				
RECEPTACLE	1.5	1.5	100%	4.1				6.8	TOTAL KVA (ØB) =	56.5	AMPS				
MOTOR	0.0	0.0	N/A	0.0				4.4	TOTAL KVA (ØC) =	36.3	AMPS				
KITCHEN	0.0	0.0	65%	0.0											
OTHER	0.9	0.9	100%	2.4				48.1	TOTAL CONNECTED 3Ø AMPS						
SPARE	0.0	0.0	N/A	0.0				18.2	NEUTRAL AMPS						
TOTAL	17.3	17.3		48.1				38%	IMBALANCE						
FEEDER AMPACITY ADJUSTMENTS															
LIGHT AMPS				10.4											
MOTOR AMPS				0.0											
REMARKS:															
BOTTOM FED PANEL															

PANELBOARD D										400 A MLO										LOCATION: OFFICE									
208Y/120; 3-PHASE										400 MAIN BUS										MOUNT: FLUSH									
WITH EQUIPMENT GROUND BUS										100% NEUTRAL BUS										TYPE: NEMA 1									
										65 IA/C BUS AND BRACING																			
NOTE	L	R	M	K	O	C.B.	POLE	LOAD AREAS			Ø	Ø	Ø	LOAD AREAS			POLE	C.B.	O	K	M	R	L	NOTE					
										AND LOCATION										AND LOCATION									
						20/3	1	W-075 WALK-IN COOLER					SPARE	2	20/1														
							3	-					SPARE	4	20/1														
							5	-					SPARE	6	20/1														
						20/3	7	W-075 WALK-IN FREEZER					F-131 MUSIC SYSTEM (MUZAK)	8	20/1	500													
							9	-					S-513 ICE MAKER S/S & D/T (2)	10	15/1										GF				
							11	-																					