

PANEL A				VOLTAGE FEEDER AMP LUGS		208/120 3 PH 4W		MOUNTING: ENCLOSURE: NEMA 1		ARC RATING: E		65K SERIES		REMARKS		
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR						
20/1		S-285 BEVERAGE DISPENSER D/T	644	1	A	2	1776	S-548 ICE TEABREWER (@COUNTER)		20/1						
20/1		S-284 BEVERAGE DISPENSER S/S	1158	3	B	4	1200	(2) U-238 RCTU-375 PRINTERS (@COUNTER)	KG	20/1						
20/1	G	R-333 FULL HEIGHT FREEZER	1140	5	C	6	360	F-174 SAFE TOUCH SCREEN CNTRL (UNDER COUNTER)		20/1						
20/1		HOOD CONTROL RELAY	300	7	A	8	864	S-570 CARBONATOR (@D/T)		20/1						
20/2	LF	P-452 HOT WATER DISPENSER (OFFICE/KITCHEN WALL)	2328	9	B	10	1200	(2) F-950 (1) U-281 (1) U-470 UPS (2) (@COUNTER)	KG	20/1						
20/1		S-327 HEATED CABINET (KITCHEN)	1920	11	A	12	1200	RECEPTACLES PDS		20/1						
20/1	IG	F-340 OFFICE COMPUTER	300	16	B	14	1200	F-380 OFFICE PRINTER/COPIER/SCANNER (OFFICE)	KG	20/1						
20/1	G, IG, LO	U-283 SECURITY SYSTEM/REMOTE ALARM LIGHT	300	17	C	16	1200	(2) U-199 (2) F-580 (@D/T)	KG	20/1						
20/1		OFFICE RECEPTACLES	360	19	A	18	720	C-430 SP4457 TIMERS (HOOD)	G	20/1						
20/1		L-380 CRUIER CONFR BRD/SWITCH BOX S-240	840	21	B	20	864	S-570 CARBONATOR (@S/S)		20/1						
20/1		U-354 CCTV & MONITOR	360	23	C	22	240	U-213 BASE STAT KIN-D/T COMM SYSTEM		20/1						
20/1		S-540 PEPSI BOOST TANK / S-381 CO2 SENSOR	864	25	A	24	300	C-107 RETHERMALIZER	G	20/1						
20/1		USB CHARGING PORT	0	27	B	26	0	SPARE		20/1						
20/1		SPARE	0	29	C	30	180	S-750 FAT4 FUEL TANK		20/1						
20/1		SPARE	0	31	A	32	600	(1) U-238 RCTU-375 MONITOR (@D/T)	KG	20/1						
20/1		N-143 AUTOMATIC FAUCETS	200	33	B	34	864	S-204 D/T TANKING SYSTEM	KG	20/1						
20/2	LF	P-452 HOT WATER DISPENSER	2328	36	C	36	1428	S-547 PDC BREWER (@D/T)		20/1						
20/1				37	A	38	1116	(2) F-950 (CC ROUTER) (2) U-281 (CC READER) (@COUNTER)	KG	20/1						
20/1	IG	L-343 MENU BRD	840	39	B	40	816	C-225 DUAL VLT FRYER	G	20/1						
20/1	G	S-328 HEATED CABINET (KITCHEN)	1920	41	C	42	0	SPARE		20/1						
Connected Load Per Phase			PH A:	12330	PH B:	10944	PH C:	12624								
Connected VA	Lighting	HVAC	Motors	Recept	Refrig	Kitchen	Misc	Total VA		Amps						
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00	35804		98.4						
Demand VA								28495		75.1						

PANEL B				VOLTAGE FEEDER AMP LUGS		208/120 3 PH 4W		MOUNTING: ENCLOSURE: NEMA 1		ARC RATING: E		65K SERIES		REMARKS		
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR						
20/1	LR	KITCHEN / OFFICE / RESTROOM LTS	525	1	A	2	100	LIGHTING CONTROLS INTERIOR		20/1						
20/1		SPARE	0	3	B	4	1075	DINING ROOM LIGHTS & LIGHT WALL	LF	20/1						
20/1	LR	COOLER / FREEZER LIGHTS	900	5	C	6	200	POWER SOAK ALERT LIGHT		20/1						
20/1	LO	LIGHTING CONTROLS (OUTSIDE OFFICE)	500	7	A	8	0	SPARE		20/1						
20/1	LO	OUTSIDE LIGHTS	1281	9	B	10	840	SPARE		20/1						
20/1		SPARE	0	11	C	12	1500	SPARE		20/1						
20/1		SPARE	0	13	A	14	1500	BUILDING SIGNS	LC	20/1						
20/1	LC	MENU BOARD @ D/T	500	15	B	16	1500	BUILDING SIGNS	LC	20/1						
20/1		S-285 WATER FILTER SYSTEM (KITCHEN)	180	17	C	18	840	BUILDING SIGNS	LC	20/1						
20/1		SHOW WINDOW	1200	19	A	20	0	SPARE		20/1						
20/1		SPARE	0	21	B	22	482	PARKING LIGHTING		20/1						
20/1		SHOW WINDOW	1200	23	C	24	482			20/1						
20/1		SHOW WINDOW	1200	25	A	26	482	PARKING LIGHTING		20/1						
20/1		SPARE	1200	27	B	28	482			20/1						
20/1	LC	MONUMENT / PYLON SIGN	480	29	C	30	0	SPARE		20/1						
20/1		SPARE	1200	31	A	32	0	SPARE		20/1						
20/1	LC	DIRECTIONAL SIGNAGE	1200	33	B	34	0	SPARE		20/1						
20/1		SPARE	0	35	C	36	0	SPARE		20/1						
20/1		SPARE	0	37	A	38	0	SPARE		20/1						
20/1		SPARE	0	39	B	40	0	SPARE		20/1						
20/1		SPARE	1200	41	C	42	0	SPARE		20/1						
Connected Load Per Phase			PH A:	6707	PH B:	7901	PH C:	7882								
Connected VA	Lighting	HVAC	Motors	Recept	Refrig	Kitchen	Misc	Total VA		Amps						
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00	22150		81.5						
Demand VA								27618		76.4						

PANEL D				VOLTAGE FEEDER AMP LUGS		208/120 3 PH 4W		MOUNTING: ENCLOSURE: NEMA 1		ARC RATING: E		65K SERIES		REMARKS		
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR						
20/3		W-859 WALK-IN COOLER (OFF KITCHEN AREA)	1704	1	A	2	180	RECEPTACLES-ELECTRICAL SERVICE EQUIPMENT		20/1						
20/1			1704	3	B	4	0	SPARE		20/1						
20/1			1704	5	C	6	0	SPARE		20/1						
15/3		W-859 WALK-IN FREEZER (OFF KITCHEN AREA)	1392	7	A	8	540	F-131 MUSHC SYSTEM (MUSHC)	(OFFICE)	20/1						
20/1			1392	9	B	10	276	(2) S-513 ICE MAKERS (S/S & D/T)		15/1						
20/1			1392	11	C	12	1300	S-513 ICE MACHINE CONDENSER (ON ROOF)		20/2						
20/1		SPARE	0	13	A	14	1300			20/1						
20/1		SPARE	0	15	B	16	1300	S-513 ICE MACHINE CONDENSER (ON ROOF)		20/2						
20/1		SPARE	0	17	C	18	1300			20/1						
15/2		M-343 POWER SOAK (KITCHEN)	1248	19	A	20	696	SF-2 (REST ROOMS) (ON ROOF)		20/1						
20/1			1248	21	B	22	0	SPARE		20/1						
20/1	LO	E-187 HOOD FIRE SUPPRESSION SYSTEM (KITCHEN)	756	23	C	24	0	SPARE		20/1						
20/1		IRRIGATION TIMER (KITCHEN)	360	25	A	26	180	RECEPTACLES-UTILITY (DINING / KITCHEN)		20/1						
20/1		RECEPTACLES-ROOF	360	27	B	28	1176	E-107 HOOD EXHAUST FAN (EF-1) (ON ROOF)		20/1						
20/1		B-223 WATER HEATER IGNITION (KITCHEN)	180	29	C	30	1082	S-740 FROZEN BEV REMOTE CONDENSER (ON ROOF)		15/2						
20/3	V	(RTU-1) ROOFTOP UNIT (ON ROOF)	4104	31	A	32	1082			20/1						
20/1			4104	33	B	34	1260	RECEPTACLES-UTILITY (DINING / KITCHEN)		20/1						
20/1			4104	35	C	36	180	RECEPTACLES-UTILITY KITCHEN (DINING / KITCHEN)		20/1						
20/3	V	(RTU-2) ROOFTOP UNIT (ON ROOF)	7382	37	A	38	100	GAS SHUT OFF VALVE		20/1						
20/1			7382	39	B	40	2184	S-739 FROZEN BEV BASE DISPENSER (@D/T)		20/2						
20/1			7382	41	C	42	2184			20/2						
Connected Load Per Phase			PH A:	20288	PH B:	22396	PH C:	21584								
Connected VA	Lighting	HVAC	Motors	Recept	Refrig	Kitchen	Misc	Total VA		Amps						
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00	64266		173.4						
Demand VA								51266		133.4						

PANEL C				VOLTAGE FEEDER AMP LUGS		208/120 3 PH 4W		MOUNTING: ENCLOSURE: NEMA 1		ARC RATING: E		65K SERIES		REMARKS		
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR						
20/2		(3) HEAT ELEMENTS, HFT	1560	1	A	2	1560	(3) HEAT ELEMENTS, HFT		20/2						
20/1			1560	3	B	4	1560			20/1						
20/1		(1) 5-30R SINGLE CLAM SHELL GRILL	2304	5	C	6	1080	(2) 5-15R DESSERT TOWER TAPSCALES 2A		15/1						
20/1		(1) 5-30R SINGLE CLAM SHELL GRILL	2304	7	A	8	1520	(1) REFRIGERATED BASE		20/1						
20/2		(1) SPLIT DUPLEX RECEPTACLE MELTER	168	9	B	10	1248	(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR		15/2						
20/1			168	11	C	12	1248			20/1						
20/1		(4) DUP ISO GND RECEPT. MONOREPOS	1800	13	A	14	1800	(1) 2-20R DUPLEX RECEPTACLE FUTURE USE		20/1						
15/2		(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR	1248	15	B	16	1864	(1) SPLIT DUPLEX RECEPTACLE MELTER		20/2						
20/1			1248	17	C	18	1864			20/1						
15/1		(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR	1440	19	A	20	1248	(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR		15/2						
20/2		(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR	1248	21	B	22	1248			20/1						
20/1			1548	23	C	24	1864	(1) SPLIT DUPLEX RECEPTACLE MELTER		20/2						
20/1		SPARE	0	25	A	26	1864			20/1						
15/2		(1) 1.5-1.5R SPLIT CARTER HOFFMAN AIR SCR	1248	27	B	28	1864	(1) SPLIT DUPLEX RECEPTACLE MELTER		20/2						
20/1			1248	29	C	30	1864			20/1						
Connected Load Per Phase			PH A:	16296	PH B:	14893	PH C:	16333								
Connected VA	Lighting	HVAC	Motors	Recept	Refrig	Kitchen	Misc	Total VA		Amps						
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00	45382		125.7						
Demand VA								37447		103.9						

LOAD SUMMARY		TACO BELL	
LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND LOAD (VA)	
GENERAL LIGHTING	21470	26838	
HVAC	34488	34488	
MOTORS	0	0	
GENERAL RECEPTACLES	5100	5100	
REFRIGERATION	45352	45352	
KITCHEN EQUIPMENT	43266	28123	
MISCELLANEOUS	17828	17828	
TOTALS			
CALCULATED FACILITY LOAD (VA) =	167504	157728	
LOAD AMPS AT SYSTEM VOLTAGE (SELECT BELOW) = 208/120 3-PH	465.0	437.8	

PANEL SCHEDULE NOTES	
E	EXISTING CIRCUIT TO REMAIN
G	GFI CIRCUIT BREAKER
IG	ISOLATED GROUND CIRCUIT
LC	ROUTE CIRCUIT HOMERUN VIA LIGHTING CONTACTOR REFER TO DETAIL ON E6.0
LF	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
ST	SHUNT-TRIP CIRCUIT BREAKER
LR	CIRCUIT SHALL BE WIRED THRU THE LIGHTING CONTROL RELAY. REFER TO DETAIL ON E6.0
V	EXISTING CIRCUIT TO REMAIN

Order Plans @

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