

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT IDENTIFICATION		EQUIPMENT ELECTRICAL CHARACTERISTICS					EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT						
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/FLA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	SUPPLIED BY	INSTALLED BY	NOTES
B-223	O	B-223 WATER HEATER IGNITION	120 V/1-744 VA	6.2	7.2	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
B-381	O	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
C-079	KR	DUAL FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
C-107	O	REHEATING RACK	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
C-400	O	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"	CU ST	C&P	15	5-15	ES	ES	2	
DCL	O	DUAL COOK LINE	208 V/3-52000 VA	145	145	200	200	1	4#3/0 W/#6 G IN 2"	CU ST	DIRECT	200	J-BOX	ES	ES	8	
E1AN	O	TBANS SHUNT PANEL	120 V/1-500 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	DIRECT	20	1	ES	ES	8	
E-107	O	HOOD FIRE SUPPRESSION SYSTEM	120 V/1-760 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	DIRECT	20	1	ES	ES	2	
F-040	O	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
F-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-360 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
F-090	O	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
F-174	O	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
IR-01	O	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	DIRECT	20	1	ES	ES	8	
L-043	O	INTERIOR ROTATING MENU BOARD & REMOTE ALARM LT	120 V/1-500 VA	9.0	11.8	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
N-043	KR	POWER SOAK	208 V/2-2372 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"	CU ST	DIRECT	20	J-BOX	ES	ES	8	
N-044	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
P-417	O	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"	CU ST	C&P	30	6-30	ES	ES	2	
R-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-026	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-027	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-204	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-286	O	WATER FILTRATION SYSTEM	120 V/1-400 VA	2.0	2.4	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"	CU ST	C&P	15	5-15	ES	ES	2	
S-540	KM	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-544	O	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-546	O	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"	CU ST	C&P	15	5-15	ES	ES	2	
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"	CU ST	C&P	30	6-30	ES	ES	2	
SCL	O	SINGLE COOK LINE (OPTIONAL)	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"	CU ST	DIRECT	200	J-BOX	ES	ES	8	
U-011	O	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	2.4	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
U-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-360 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
U-061	O	RECEIPT PRINTER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
U-070	O	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU ST	C&P	20	5-20	ES	ES	2	
W-XX1	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"	CU ST	DIRECT	20	J-BOX	ES	ES	2	

TYPE: H-HEATING, C-COOLING, KR-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, LC&P-LOCKING CORD & PLUG, F-FUSED, NF-NON-FUSED, MCCB-MOLDED CASE CIRCUIT BREAKER SUPPLIED/INSTALLED BY: EC-ELECTRICAL CONTRACTOR, HC-HVAC CONTRACTOR, PC-PLUMBING CONTRACTOR, ES-EQUIPMENT SUPPLIER *VOLTAGE DROP CALCULATION FORMULAS COURTESY OF COOPER BUSSMANN.

NOTES: 1 - REQUIRES SHUNT TRIP PROTECTION
 2 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE.
 3 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC.
 4 - CORD, PLUG & RECEPTACLE SUPPLIED AND INSTALLED BY EC.
 5 - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.
 6 - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.
 7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.

REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ALL KITCHEN EQUIPMENT AND FINAL COORDINATION

Branch Panel: D

Location: 120/208 Wye
 Supply From: MSB
 Mounting: Recessed
 Enclosure: Type 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: SERIES
 Mains Type: M.L.O.
 Mains Rating: 400 A
 MCB Rating:

Notes:

CKT	Circuit Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Circuit Description	CKT		
1	CARBONATOR	12	15 A	1	276 VA	500 VA		1	20 A	12	TANKLESS WATER HEATER	2		
3	B-223 WATER HEATER IGNITION	12	20 A	1		744 VA	1000 VA	1	20 A	12	ALT PAY ROUTER BOX AND REC	4		
5	OFFICE RECEPTACLE	12	20 A	1			180 VA	680 VA	1	20 A	12	IRRIGATION TIMER AND RECEPTACLE	6	
7	S-540 PEPSI TANK [GF]	12	20 A	1	564 VA	500 VA			1	20 A	12	MUSIC SYSTEM J-BOX AND RECEPTACLE	8	
9	RECEPTACLES - ROOF	12	20 A	1		540 VA	1560 VA		2	30 A	10	S-737 FROZEN BEV. DISP. [GF]	10	
11	CONVIENCE RECEPTACLES	12	20 A	1			720 VA	1560 VA					12	
13	GENERAL PURPOSE RECEPTACLES	12	20 A	1	1440 VA	1600 VA			2	20 A	12	ICE MAKER CONDENSER D/T	14	
15	CARBONATOR & DISPENSER [GF]	12	20 A	1		1254 VA	1600 VA						16	
17	ICE MAKER CONDENSER	12	20 A	2	1600 VA	1600 VA	1600 VA	1600 VA	2	20 A	12	ICE MAKER CONDENSER	18	
19	S-286 WATER FILTER SYSTEM [GF]	12	20 A	1		400 VA	1186 VA						20	
21	B-381 AMPROBE CO2 MONITOR [GF]	12	20 A	1			156 VA	1186 VA	2	20 A	12	POWER SOAK [GF]	22	
23					4623 VA	500 VA			1	20 A	12	TANKLESS WATER HEATER	24	
25	RTU-1	8	50 A	3		4623 VA	1620 VA	4623 VA	1620 VA	3	20 A	12	WALK-IN COOLER	26
27					9835 VA	1620 VA							28	
29	RTU-2	1	100 A	3		9835 VA	1393 VA						30	
31							9835 VA	1393 VA	3	20 A	12	WALK-IN FREEZER	32	
33	Spare	20 A	1	0 VA	1393 VA								34	
35	Spare	20 A	1			0 VA	0 VA						36	
37	Spare	20 A	1				0 VA	0 VA	1	20 A		Spare	38	
39	Spare	20 A	1						1	20 A		Spare	40	
41	Spare	20 A	1						1	20 A		Spare	42	
Total Load:					26051 VA		25755 VA	25153 VA						
Total Amps:					218 A		215 A	210 A						
Load Classification					Connected Load	Demand Factor	Estimated Demand	Panel Totals						
HVAC					13868 VA	100.00%	13868 VA	Total Connected Load: 76958 VA						
Kitchen					7022 VA	65.00%	4564 VA	Total Estimated Demand: 74500 VA						
Other					29505 VA	100.00%	29505 VA	Total Connected Current: 214 A						
Power					6124 VA	100.00%	6124 VA	Total Estimated Demand Current: 207 A						
Receptacle					1800 VA	100.00%	1800 VA	System Voltage: 120/208 Wye						
Refrigeration					18639 VA	100.00%	18639 VA							

Notes: [GF] - GROUND FAULT CIRCUIT INTERRUPTER BREAKER



18048.20003

1		

CONTRACT DATE:
 BUILDING TYPE: END. MED40
 PLAN VERSION: MARCH 2020
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 615 METROPOLITAN AVE
 LEAVENWORTH, KS 66048



ENDEAVOR 1.0
 ELECTRICAL
 SCHEDULES

E2.2

PLOT DATE: 9/30/2020 2:29:06 PM

BC PROJECT #: 20684
 KANSAS PE COA #E-359
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