

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																											
EQUIPMENT IDENTIFICATION			EQUIPMENT ELECTRICAL CHARACTERISTICS							EQUIPMENT CIRCUIT					EQUIPMENT DISCONNECT												
TAG	TYPE	EQUIPMENT NAME	PHASE	WIRES W/ GND	VOLTS	MAX HP	FLA / RLA	KW	MCA	OCP			BRANCH CIRCUIT SIZE		WIRE		CONDUIT		TYPE		NEMA		LOCATION		SUPPLIED BY	INSTALLED BY	NOTES
										TIME-DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	EQUIPMT	REMOTE	PANEL BOARD						
B-223	O	WATER HEATER IGNITION	1	3	120		4	0.48	4	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	MCCB	20							EC	EC	8	
B-381	O	CO2 CARBON DIOXIDE SENSOR/WARNING	1	3	120		0.3	0.04	0.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
C-079	KR	DUAL FRYER W/ UNDER FRYER FILTER SYSTEM	1	3	115		7.2	0.828	7.2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
C-107	O	RETHEMALIZER	1	3	115		2	0.23	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
C-203	KR	SPLIT LID CLAM SHELL TOASTER	1	3	120		19.2	2.3	24	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	5-30						ES	ES		
C-254	KR	CHEESE MELTER (SINGLE)	1	3	208		16	3.3	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	6-20						ES	ES		
C-400	O	COOK TIMER	1	3	120		3.5	0.42	4.4	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15						ES	ES	2	
E-107	O	STRAVENT 6'-3" EXHAUST HOOD	1	3	120		9.8	1.18	12.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20						ES	ES	8	
E-272	O	HOOD FIRE SUPPRESSION SYSTEM	1	3	120		6.3	0.76	7.9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20						ES	ES	8	
F-040	O	OFFICE COMPUTER	1	3	120		2.5	0.3	3.1	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
F-050	O	ALTERNATE PAYMENT ROUTER BOX	1	3	120																			ES	ES		
F-060	O	MONITOR-OFFICE	1	3	120					20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P								ES	ES		
F-080	O	OFFICE PRINTER/COPIER/FAX/SCANNER	1	3	120		2	0.24	2.5	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15						ES	ES	2	
F-090	O	UPS (UN-INTERRUPTABLE POWER SUPPLY)	1	3	120		4	0.48	5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
F-102	O	MONEY COUNTER	1	3	120																			ES	ES		
F-131	O	MUSIC SYSTEM (MUZAK)	1	3	120		4.2	0.5	5.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	8	
F-174	O	SAFE WITH TOUCH SCREEN CONTROLS	1	3	120		3	0.36	3.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
L-043	O	INTERIOR MENU BOARD PACKAGE	1	3	120		9	1.08	11.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
N-043	O	3-COMP POWER SOAK 102" Lx 31" D (R TO L)	1	3	208		11.4	2.372	14.25	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	6-15						ES	ES	2	
P-362	KR	DUAL LINE, 157" READY TO ACCEPT EVO CABINETS	3	4	208				45		200	200	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	MCCB	200	-								
P-417	O	8-CHANNEL TIMER	1	3	120		0.5	0.06	0.625	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	-	20	5-20						ES	ES	2
P-452	KR	HOT WATER DISPENSER	1	3	208		19.5	4.08	24.4	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	6-30						ES	ES	2	
R-207	KM	FULL HT FREEZER	1	3	115		9	1.035	11.25	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-15						ES	ES	2	
S-023	KM	WARMER, EVO TACO TOWER, TB, 208V, L TO R UNIT	1	3	208		24	2.496																			
S-024	KM	WARMER, EVO TACO TOWER, TB, 208V, R TO L UNIT	1	3	208		24	2.496																			
S-026	KR	HEATED CABINET-FULL HEIGHT (RH)	1	3	120		16	1.92	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-027	KR	HEATED CABINET-FULL HEIGHT (LH)	1	3	120		16	1.92	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-065	KR	DESSERT TOWER	1	3	120		6.8	0.82		20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-15						ES	ES	2	
S-204	O	DT/TIMING SYSTEM	1	3	120		7.2	0.86	9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-284	KM	BEVERAGE DISPENSER - SELF SERVE	1	3	120		9.3	1.116	11.6	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-285	KM	BEVERAGE DISPENSER - DRIVE THRU	1	3	120		10.8	1.296	12.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-286	O	WATER FILTER SYSTEM	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	-	20	5-20						ES	ES	2
S-489	KR	DIGITAL SCALE																									
S-513-1	KM	ICE MAKER S/S & DT (2)	1	3	120		2.3	0.26	2.9	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15						ES	ES	2	
S-513-2	KM	ICE MAKER CONDENSER	1	3	208		13.2	2.61	16.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	F	20	5-20						ES	ES	5,8	
S-240	O	ORDER CONFIRMATION BOARD/SWITCHBOX	1	3	120		1.1	0.13	1.4	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-540	KM	PEPSI BOOSTER TANK/CO2 MONITOR	1	3	120		4.7	0.54	5.9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-546	O	ICED TEA BREWER	1	3	120		14.8	1.78	18.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
S-547	O	BUNN POD BREWER	1	3	120		11.9	1.43	14.9	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15						ES	ES	2	
S-739	KM	FROZEN BEVERAGE DISPENSER, REMOTE	1	3	208		24	5	30	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	6-30						ES	ES	2	
S-740	KM	FROZEN BEVERAGE CONDENSER, REMOTE	1	3	208		12	2.5	15	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	-						ES	ES	5,8	
U-011	O	BASE STATION - D/T COMMUNICATION SYSTEM	1	3	120		2	0.24	2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
U-035	O	CCTV DVR & MONITOR	1	3	120		5	0.6	5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15						ES	ES	2	
U-061	O	CREDIT CARD READER (VSTAT)	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
U-063	O	SECURITY SYSTEM	1	3	120		2.5	0.3	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
U-070	O	RECEIPT PRINTER	1	3	120		2	0.24	2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
U-100	O	POS/ORDER ENTRY	1	3	120		3	0.36	3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20										
U-238	O	KITCHEN MONITOR	1	3	120		5	0.6	5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20						ES	ES	2	
W-059-1	KM	WALK-IN COOLER	3	4	208		14.2	4.86	17.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	15-20						ES	ES	8	
W-059-2	KM	WALK-IN FREEZER	3	4	208		11.6	3.96	14.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	30	15-20						ES	ES	8	

TYPE: H-HEATING, C-COOLING, R-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

- NOTES:
- REQUIRES SHUNT TRIP PROTECTION
  - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE
  - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC.
  - CORD, PLUG, & RECEPTACLE SUPPLIED AND INSTALLED BY EC.
  - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE PHASE CONDUCTORS AND GROUND
  - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND
  - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC
  - HARD WIRED CONNECTION BY EC.

BRANCH CIRCUIT WIRING SCHEDULE							
TO BE USED FOR BRANCH CIRCUIT WIRING UNLESS NOTED OTHERWISE							
OC RATING	POLES	CONDUCTOR AND CONDUIT SIZE					
		HOT		NEUTRAL		GROUND	
		N.O.	AWG	N.O.	AWG	N.O.	CONDUIT
15A	1	1	12	1	12	12	3/4"
	2	2	12	-	-	12	3/4"
	3	3	12	-	-	12	3/4"
20A	1	1	12	1	12	12	3/4"
	2	2	12	-	-	12	3/4"
	3	3	12	-	-	12	3/4"
25A	1	1	10	1	10	10	3/4"
	2	2	10	-	-	10	3/4"
	3	3	10	-	-	10	3/4"
30A	1	1	10	1	8	10	3/4"
	2	2	10	-	-	-	-
	3	3	10	-	-	-	-
35A	1	1	8	1	8	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
40A	1	1	8	1	8	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
50A	1	1	6	1	6	10	1"
	2	2	6	-	-	10	1"
	3	3	6	-	-	10	1"

NOTES:  
1. THE ABOVE SCHEDULE IS BASED ON COPPER, 75 DEGREE CONDUCTORS

VOLTAGE DROP SCHEDULE						
120V BRANCH CIRCUITS: MAXIMUM CIRCUIT LENGTH, 3% MAX VOLTAGE DROP						
BRANCH CIRCUIT WATTAGE	WIRE GAUGE					
	#12	#10	#8	#6	#4	#3
3840	N/A	N/A	69	110	174	220
3500	N/A	N/A	76	120	191	242
3250	N/A	N/A	82	130	206	...
3000	N/A	N/A	88	140	223	...
2880	N/A	58	92	146	233	...
2500	N/A	66	106	169	268	...
2250	N/A	74	118	187	298	...
1920	54	87	138	220	...	...
180						