

ELECTRICAL EQUIPMENT SCHEDULE							
ITEM	QUAN.	ITEM DESCRIPTION	VOLTS	PHASE	LOAD KW AMPS	POWER CONNECTION	COMMENTS
1	-	POS	120	1	-	-	-
2	1	12-HEAD DRINK DISPENSER	120	1	0.6	5.2	NEMA 5-20R
8	1	8-HEAD DRINK DISPENSER	120	1	1.1	9.3	NEMA 5-20R
12	1	SHAKE MACHINE	120	1	1.9	16.0	NEMA 5-20R
15	1	SAFE	120	1	0.1	1.0	NEMA 5-15R
16	4	COOK AND HOLD	120	1	0.8	6.7	NEMA 5-15R
17	2	CONVECTION OVEN	208	1	2.7	11.3	NEMA 6-15R
22	1	DISHWASHER	208	1	5.3	25.5	DIRECT
27	2	TANKLESS WATER HEATER	120	1	0.1	0.8	NEMA 5-15R
30A	1	UNDERCOUNTER REFRIGERATOR	120	1	0.4	3.3	NEMA 5-15R
32	1	WALK-IN FREEZER CONDENSER UNIT	208	3	5.4	20.0	DIRECT
33	1	WALK-IN COOLER CONDENSER UNIT	208	3	5.4	15.0	DIRECT
39	1	DRIVE-THRU ORDER SYSTEM	120	1	0.4	3.3	DIRECT
41	1	FRY DUMP	208	1	3.1	14.8	NEMA 6-20R
43	1	GAS FRYER	120	1	1.2	10.0	NEMA 5-15R
45	1	MENU BOARD	120	1	-	-	AMPS GIVEN PER FRY POT
46	1	PRODUCTION COUNTER	208	3	22.8	125.0	DIRECT
49	1	COFFEE MAKER	120	1	1.7	14.0	NEMA 5-15R
51	1	SLICER	120	1	0.4	3.0	NEMA 5-15R
63	1	MUSIC SYSTEM (MNGR'S DESK)	120	1	0.6	5.0	NEMA 5-15R
75	1	AUTOMATIC DRIVE THRU WINDOW	120	1	0.1	0.8	DIRECT
80	1	REACH-IN FREEZER	120	1	0.7	6.0	NEMA 5-15R
92C	2	SELF-CONTAINED ICE CUBE MACHINE	208	1	2.3	11.1	DIRECT
96	1	GREASE STORAGE TANK	120	1	0.1	1.1	DIRECT
99	1	AIR CURTAIN	208	1	7.2	34.6	DIRECT
126	1	CO2 MONITORING SYSTEM	120	1	0.1	1.0	NEMA 5-15R

NOTE: COORDINATE MOUNTING HEIGHTS AND CONNECTIONS WITH ARBY'S CM PRIOR TO ROUGH-IN.

PANEL NAME		VOLTAGE	PHASE	WIRES	LOCATION	22,000 A/C															
SOURCE: (E) TEHANT DISCONNECT		208	3	4	REAR KITCHEN	403/MCF															
#	K	L	R	M	X	H	C	DESCRIPTION	KVA/PHASE	DESCRIPTION	BREAKER	K	L	R	M	X	H	C	#		
1								13.0	1.4	RTU-2	70								7.7	2	
3								6.1	6.1	RTU-1	20								7.7	4	
5								6.1	6.1	RTU-1	20								6.3	6	
7								20	1	RTU-1	20								8	8	
9	7.6							1.4	8.8	22C BEV STATION ICE COND UNIT	20							1.2	11	11	
11	7.6							125	3	46- PROD CNTR PANEL	20							1.2	12	12	
13	7.6							20	1	SPARE	20							1.2	14	14	
15								20	1	SPARE	20								16	16	
17								20	2	WALK IN FREEZER EVAP	30							2.7	18	18	
19								20	1	WALK IN COOLER EVAP	30							2.7	20	20	
21	1.0							20	1	SITE LIGHTING	20							1.2	22	22	
23	1.0							20	1	SITE LIGHTING	20							1.2	24	24	
25	1.0							20	1	SITE LIGHTING	20							1.2	26	26	
27	1.0							20	1	SITE LIGHTING	20							1.2	28	28	
29								0.0	1.2	22C BEV STATION ICE COND UNIT	20							1.2	30	30	
31								0.0	0.0	SPACE									32	32	
33								0.0	0.0	SPACE										34	34
35								0.0	0.0	SPACE										36	36
37	6.0	0.1	1.2	0.0	0.2	0.0	0.0	18.7	18.7	PANEL B	150							0.0	38	38	
39	6.0	0.1	1.2	0.0	0.2	0.0	0.0	18.7	18.7	PANEL C	150							0.0	40	40	
41	6.0	0.1	1.2	0.0	0.2	0.0	0.0	18.7	18.7	PANEL C	150							0.0	42	42	
TOTAL CONNECTED LOAD/PH									46.1	45.1	47.2										
TOTAL CONNECTED LOAD									140.99												
KITCHEN DEMAND 65%									31.3												
LIFE DEMAND 125%									9.0												
RCPT FIRST 10KVA AT 100% AND REMAINING AT 50%									11.2												
MOTOR DEMAND 100%									0.0												
MISC DEMAND 100%									1.0												
HEAT DEMAND 100% IF H>C, 0.5% IF H=C									0.0												
COOL DEMAND 100% IF C>H, 0.5% IF C=H									0.0												
TOTAL PANEL DEMAND									124.7												
									346.4												

PANEL NAME		VOLTAGE	PHASE	WIRES	LOCATION	22,000 A/C														
SOURCE: PANEL A		208	3	4	REAR KITCHEN	150 MLO														
#	K	L	R	M	X	H	C	DESCRIPTION	KVA/PHASE	DESCRIPTION	BREAKER	K	L	R	M	X	H	C	#	
1	0.4	0.1						20	1	VESTIBULE	G20								2	2
3	0.4							G20	1	30- UNDERCOUNTER FRIDGE	G20								4	4
5	0.4	0.2						20	1	DRIVE THRU ORDER SYSTEM	20								6	6
7								20	1	SPARE	20								8	8
9								20	1	75- DRIVE THRU WINDOW OPENER	40								10	10
11	1.6							20	2	41- FRY DUMP	40								12	12
13								20	1	1/2- COOK AND HOLD CABINET	20								14	14
15	0.7							G20	1	49- COFFEE MAKER	20								16	16
17	1.7							G20	1	MENU BOARD	20								18	18
19								20	1	136- CO2 MONITORING SYSTEM	G20								20	20
21	1.2	0.4						G20	1	43- TWO BANK FRYER	G20								22	22
23								20	1	SPARE	20								24	24
25	1.2							G20	1	43- TWO BANK FRYER	G20								26	26
27	1.2							20	1	SPARE	20								28	28
29								20	1	HEAT TRACE	G20								30	30
31		0.3						20	1	SPARE	G20								32	32
33								20	1	SPARE	G20								34	34
35		0.5						20	1	BAGS IN BOX	G20								36	36
37	0.2							20	1	GREASE STORAGE	20								38	38
39	0.4	0.4						20	1	RESTROOM AUTO SENSORS	20								40	40
41	0.6							20	1	2- 12 HEAD DRINK DISPENSER	20								42	42
TOTAL CONNECTED LOAD/PH									6.9	8.8	6.8									
TOTAL CONNECTED LOAD									22.49											
KITCHEN DEMAND 100%									18.1											
LIFE DEMAND 100%									0.3											
RCPT DEMAND 100%									3.6											
MOTOR DEMAND 100%									0.0											
MISC DEMAND 100%									0.5											
HEAT DEMAND 100% IF H>C, 0.5% IF H=C									0.0											
COOL DEMAND 100% IF C>H, 0.5% IF C=H									0.0											
TOTAL PANEL DEMAND									22.5											
									62.5											

PANEL NAME		VOLTAGE	PHASE	WIRES	LOCATION	22,000 A/C														
SOURCE: PANEL A		208	3	4	REAR KITCHEN	150 MLO														
#	K	L	R	M	X	H	C	DESCRIPTION	KVA/PHASE	DESCRIPTION	BREAKER	K	L	R	M	X	H	C	#	
1								15	3	33- WALK IN COOLER COND UNIT	30								2	2
3								15	3	33- WALK IN COOLER COND UNIT	30								4	4
5								15	3	33- WALK IN COOLER COND UNIT	30								6	6
7								G20	1	DRIVE-THRU TIMER SYSTEM	20								8	8
9								20	1	63- MUSIC SYSTEM	20								10	10
11								20	1	EQ POS LIFE REC'VEK	G20								12	12
13								20	1	RECEPTACLES	G20								14	14
15								G20	1	EQ POS/MONITOR (FRY DUMP)	20								16	16
17								20	1	MENS RR - HAND DRYER	20								18	18
19								20	1	WOMENS RR - HAND DRYER	20								20	20
21		0.5						20	1	DINING LIGHTING	20								22	22
23		0.5						20	1	DINING LIGHTING	20								24	24
25		0.5						20	1	SERVICE LIGHTING	20								26	26
27		0.6						20	1	KITCHEN LIGHTING	20								28	28
29								20	1	SHOW WINDOW RECT/INFR	20								30	30
31		0.8						20	1	ARBY'S SIGN	20									