



PANEL MDP							800A MLO	
120/208V - 3PH - 4W - S/N							18 POLE	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.
1			44652	A	50510			2
3	400/3	PANEL A	42880	B	50850	PANEL C	400/3	4
5			40970	C	50510			6
7			3720	A	-			8
9	45/3	RTU-1	3720	B	-	SPACE		10
11			3720	C	-			12
13			2880	A	6240			14
15	30/3	RTU-2	2880	B	6240	RTU-3	60/3	16
17			2880	C	6240			18
CONNECTED LOAD			A: 108002 VA		318892 VA	TOTAL LOAD		885.2
			B: 106570 VA		236875 VA	DEMAND LOAD		657.5
			C: 104320 VA					

PANEL A							400A MLO	
120/208V - 3PH - 4W - S/N							54 POLE	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.
1	*	20/1 KITCHEN LIGHTING	285	A	84	TOILET ROOM DOWNLIGHTS / EF-3	20/1	2
3	*	20/1 CUSTOMER LIGHTING	250	B	-	SPARE	20/1	4
5	*	20/1 MENU / SERVICE / ORDER LIGHTING	125	C	360	EMERGENCY NIGHT LIGHTS	20/1	6
7	*	20/1 DECORATIVE LIGHTING	33	A	200	BACKLIT POP DOUBLE	20/1	8
9		20/1 SPARE	-	B	680	UNDERCOUNTER REFRIGERATORS	20/1	10
11	*	20/1 DT PEDESTAL/MENU BOARD	600	C	1600		20/1	12
13	G	20/1 HOOD CONTROLS	1000	A	1600	WH5	20/3	14
15	G	20/1 HOOD CONTROLS	1000	B	1600		20/3	16
17	G	20/1 KITCHEN RECEPTACLES/BUZZER	900	C	1600		20/3	18
19	G	20/1 FILTER MACHINE	1200	A	1600	WH6	20/3	20
21			1080	B	1600		20/3	22
23	20/3	WALK-IN COOLER CONDENSING UNIT	1080	C	180	KITCHEN RECEPTACLE	20/1	24
25			1080	A	1560	HOLDING CABINET	20/1	26
27	20/1	EF-1	1820	B	1800	WALK-IN LIGHTS/HEATER	20/1	28
29	20/1	EF-2	1180	C	600	MUSIC VIDEO SYSTEM	20/1	30
31	20/1	CONDENSATE HOOD	1000	A	2520	ICE MACHINE	30/1	32
33	20/1	SPARE	-	B	-	SPARE	20/1	34
35	20/1	AIR CURTAIN	1440	C	500	HEAT TAPE	20/1	36
37	G	20/1 BLENDER	1800	A	-	SPARE	20/1	38
39	20/1	OFFICE RECEPTACLES	720	B	-	SPARE	20/1	40
41	LO	20/1 SHUNT-TRIP POWER	360	C	-	SPARE	20/1	42
43	20/1	SPARE	-	A	1600		20/3	44
45	20/1	SPARE	-	B	1600	WH2	20/3	46
47	20/1	SPARE	-	C	1600		20/3	48
49	20/1	SPARE	-	A	900		20/3	50
51	20/1	SPARE	-	B	800	MUA-1	15/3	52
53	20/1	SPARE	-	C	900		15/3	54
CONNECTED LOAD			A: 44652 VA		128502 VA	TOTAL LOAD		356.1
			B: 42880 VA		99400 VA	DEMAND LOAD		275.9
			C: 40970 VA					

PANEL C							400A MLO	
120/208V - 3PH - 4W - S/N							18 POLE	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.
1			8000	A	8000			2
3	70/3	ELECTRIC FRYER	8000	B	8000	ELECTRIC FRYER	70/3	4
5			8000	C	8000			6
7	@	SHUNT TRIP	-	A	-	SHUNT TRIP	@	8
9			5670	B	5670			10
11	60/3	ELECTRIC FRYER	5670	C	5670	ELECTRIC FRYER	60/3	12
13			5670	A	5670			14
15	@	SHUNT TRIP	-	B	-	SHUNT TRIP	@	16
17			5670	C	5670			18
19	60/3	ELECTRIC FRYER	5670	A	5670	ELECTRIC FRYER	60/3	20
21			5670	B	5670			22
23	@	SHUNT TRIP	-	C	-	SHUNT TRIP	@	24
25	G	20/1 THERMOC REFRIG	-	A	5670			26
27	@	SHUNT TRIP	-	B	5670			28
29	G	20/1 THERMOC REFRIG	960	C	5670	ELECTRIC FRYER	60/3	30
31	@	SHUNT TRIP	-	A	5670			32
33	G	20/1 BROILER	600	B	700	COUNTER TOP WARMER / UIC FRIG.	20/1	34
35	@	SHUNT TRIP	-	C	-	SHUNT TRIP	@	36
37			3600	A	1600			38
39	40/3	STEAMER	3600	B	1600	WH4	20/3	40
41			3600	C	1600			42
CONNECTED LOAD			A: 50510 VA		151870 VA	TOTAL LOAD		421.5
			B: 50850 VA		98956 VA	DEMAND LOAD		274.7
			C: 50510 VA					

PANEL B							400A MLO	
120/208V - 3PH - 4W - S/N							54 POLE	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.
1	*	20/1 SITE LIGHTING	665	A	8000			2
3	20/1	SPARE	-	B	8000	WH1	80/3	4
5	G	20/1 DT COUNTER RECEPTACLE	1080	C	8000		20/1	6
7	*	20/1 BUILDING / CANOPY / AWNING LIGHTS	580	A	1000	DRINK SIGNS	20/1	8
9	G	20/1 DRINK DISPENSER	240	B	720	DRINKING RECEPTACLES	20/1	10
11	G	20/1 MENU BOARD POWER	600	C	1700	TOASTER	20/1	12
13	20/1	SPARE	-	A	-	SPARE	20/1	14
15	G	20/1 ROOF RECEPTACLES	360	B	360	OUTLET RECEPTACLES	20/1	16
17	20/1	SPARE	-	C	600	DRINK DISPENSER	20/1	18
19	60/2	PANEL D	8450	A	200	READER BOARD/PRE-SALE BOARD	20/1	20
21			2520	B	200	SITE SIGN	20/1	22
23	20/1	SPARE	-	C	-	ICE MAKER AT DRINK DISPENSER	30/1	24
25	IG	20/1 CASH REGISTERS/FUTURE REGISTER	360	A	500	TELEPHONE BOARD	20/1	26
27	IG	20/1 CASH REGISTERS	540	B	400	BAG N BOX CARBONATOR	20/1	28
29	40/2	DISHWASHER	1175	C	550	DUAL TEMP REACH-IN	20/1	30
31			120	A	1200	SITE SIGN	20/1	32
33	20/2	MICROWAVE	1730	B	360	MONITOR RECEPTACLES	20/1	34
35			1730	C	-	SPARE	20/1	36
37			1920	A	540	OFFICE CPU/COMPUTER	20/1	38
39	20/3	WALK-IN FREEZER CONDENSING UNIT	1920	B	790	SANDWICH TOP REFRIGERATOR	20/1	40
41			1920	C	1300	HEAT LAMP	20/1	42
43	20/1	SPARE	-	A	-	SPARE	20/1	44
45	G	20/1 COFFEE/TEA WARMER	1880	B	720	MONITOR RECEPTACLES / PRINTER	20/1	46
47	20/1	MONITOR RECEPTACLES	1680	C	360	MONITOR RECEPTACLES	20/1	48
49	20/1	SPARE	-	A	1600		20/3	50
51	20/2	MICROWAVE	1730	B	1600	WH3	20/3	52
53	20/2	MICROWAVE	1730	C	1600		20/3	54
CONNECTED LOAD			A: 28190 VA		55865 VA	TOTAL LOAD		238.3
			B: 29730 VA		66542 VA	DEMAND LOAD		184.7
			C: 27945 VA					

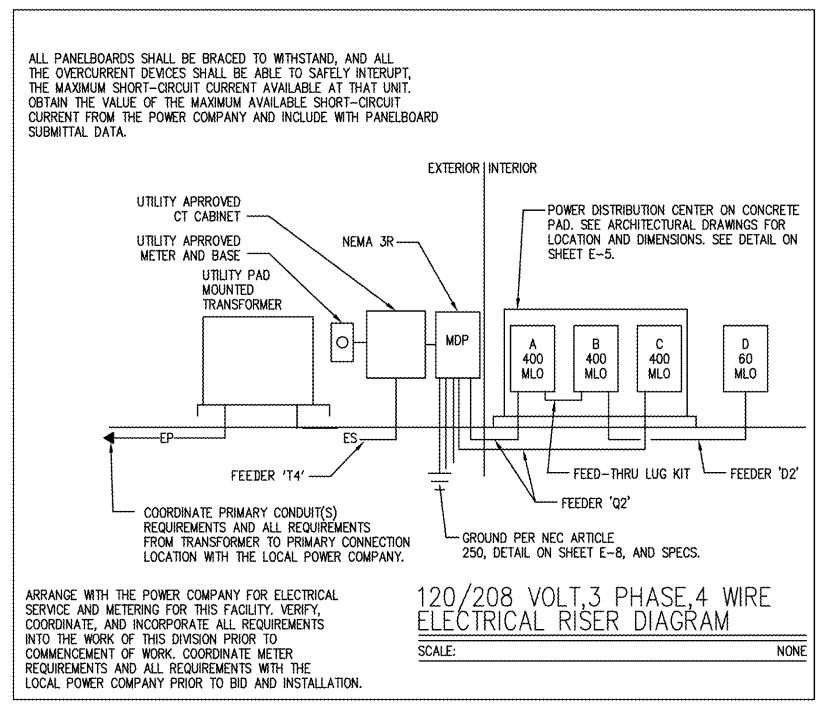
PANEL D - PROVIDED BY KITCHEN EQUIPMENT SUPPLIER							60A MLO	
120/208V - 1PH - 3W - S/N							18 POLE	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.
1	G	20/2 THERMOGLO HEATER	1410	A	620	WELSS DROP-IN MOD	15/2	2
3	G	20/2 THERMOGLO HEATER	1410	B	620		15/2	4
5	G	15/1 DROP IN WARMER	610	A	1550	HOLDING CABINET	20/1	6
7	G	15/1 DROP IN WARMER	610	B	780	TURBO 48 REFRIGERATOR	20/1	8
9	G	15/1 TURBO 28 REFRIGERATOR	300	A	500	DRAWER WARMER	15/1	10
11			1730	B	500	DRAWER WARMER	15/1	12
13	20/2	MICROWAVE	1730	A	1730	MICROWAVE	20/2	14
15			-	B	1730		20/2	16
17			-	A	-	SPACE	-	18
CONNECTED LOAD			A: 8450 VA		15830 VA	TOTAL LOAD		76.1
			B: 7380 VA		10290 VA	DEMAND LOAD		49.5

Order Plans

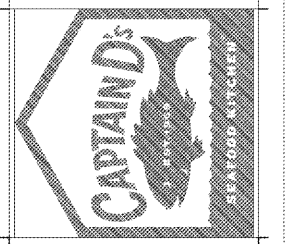
PANEL SCHEDULE NOTES

- G = GFCI BREAKER PROTECTION REQUIRED.
- LO = LOCK ON CIRCUIT BREAKER
- IG = DEDICATED ISOLATED GROUND CIRCUIT
- * = ROUTE CIRCUIT THROUGH CONTACTOR
- @ = SHUNT-TRIP BREAKER FOR ANSUL SYSTEM

BRANCH CIRCUIT AND FEEDER LEGEND	
FEEDER NO.	CONDUIT AND WIRE
A2	3/4" - 2 #12 & 1 #12 GND.
A3	3/4" - 3 #12 & 1 #12 GND.
B1	3/4" - 2 #10 & 1 #10 GND.
B2	3/4" - 3 #10 & 1 #10 GND.
C2	1" - 3 #8 & 1 #10 GND.
D1	1" - 2 #6 & 1 #10 GND.
D2	1" - 3 #6 & 1 #10 GND.
D3	1" - 4 #6 & 1 #10 GND.
D4	1" - 2 #6 & 1 #6 GND.
E2	1-1/4" - 3 #4 & 1 #8 GND.
N2	2-1/2" - 4 #4/0 & 1 #4 GND.
Q2	4" - 4 #600MCM & 1 #3 GND.
T4	2 PARALLEL 4" - 4 #600MCM



A NEW LOCATION FOR
CAPTAIN D'S
 7525 STATE AVENUE
 KANSAS CITY, KS 66112
CAPTAIN D'S, LLC
 624 GRASSMERE PARK DRIVE,
 SUITE 30
 NASHVILLE, TN 37211



Job Number: _____

Revisions: _____

E-4

**ELECTRICAL
PANELBOARDS & RISER**