

PANELBOARD: MDP													
BUS AMPS 120A				AIC RATING 42000 FULLY RATED				EQUIPMENT GROUND BUS					
MAIN SIZE/TYPE MLO				SERVES: MAIN DISTRIBUTION				MOUNTING SURFACE					
VOLT/PHASE 208Y/120V, 3PH, 4W				LOCATION: ELECTRICAL ROOM				ELECTRICAL ROOM					
SECTION 1													
CIRCUIT NO.	DESCRIPTION	VOLT/PHASE			WIRE NO.	BKR NO.	P	WIRE NO.	VOLT/PHASE			DESCRIPTION	CIRCUIT NO.
		A	B	C					A	B	C		
1	RTU-3 (1)	4.667	1.053		8	45	3	50	5.153	1.153		RTU-2 (1)	2
5	RTU-1 (1)	4.353	1.360	4.953	8	45	3	225	4.353	1.360	4.953	LPA	14
13	MASTER BILT UNIT (1)	10.000							10.000			RPD	16
17		23.460							23.460			SPACE	20
21	RPA	31.350			OL	225	3		31.350			SPACE	22
23		11.550							11.550			SPACE	24
27	RPC	19.040			OL	225	3		19.040			SPACE	26
29		9.520							9.520			SPACE	28
31	WATER HEATER	3.900	3.900	3.000		8	30	3	3.900	3.900	3.000	SPACE	30
33												SPACE	32
37	SPACE											SPACE	34
41												SPACE	36
47												SPACE	38
	SUBTOTAL	61.072	71.802	85.378					61.072	71.802	85.378	SUBTOTAL	42
TOTAL PHASE A - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 915				COOLING 43,227				1.00				REFRIGERATION 92,387	1.00
TOTAL PHASE B - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 1917				HEATING 20,660				0				SIGN/SHED LIGHTING 1,265	1.25
TOTAL PHASE C - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 110,800				RECEPTACLES 7,340				1.0/5				EXISTING 1,265	1.00
AMPS 823				MOTORS 27,786				1.00				LARGE MOTOR 1.25	TOTAL DEMAND
TOTAL PHASE - VA				SUPP HEAT 3,000				SHOW WINDOW 1.25				MISC EQUIP 88,836	1.00
AMPS 951				MISC EQUIP 88,836				1.00				LTD TRACK 1.00	TOTAL DEMAND 28,040 VA

PANELBOARD: RPA													
BUS AMPS 225A				AIC RATING 22000 FULLY RATED				EQUIPMENT GROUND BUS					
MAIN SIZE/TYPE MLO				SERVES: KITCHEN				MOUNTING SURFACE					
VOLT/PHASE 208Y/120V, 3PH, 4W				LOCATION: ELECTRICAL ROOM				ELECTRICAL ROOM					
SECTION 1													
CIRCUIT NO.	DESCRIPTION	VOLT/PHASE			WIRE NO.	BKR NO.	P	WIRE NO.	VOLT/PHASE			DESCRIPTION	CIRCUIT NO.
		A	B	C					A	B	C		
1	BREAD TIMER	100			12	20	1	1	1,450	1,450		B1 SANDWICH STATION	2
3	C13 BAKERY DISPLAY	1,500	1,500	2,750	12	20	1	1	1,500	1,500	2,750	B4 WARMER/STOVE FREEZER	6
7	B9 HOT FOOD TABLE	2,750	2,750	2,500	10	30	1	1	2,750	2,750	2,500	B1 SANDWICH STATION	8
9	B2 COFFEE BREW #1	2,500	2,500	2,500	8	40	2	1	2,000	2,000		AIR CURTAINS	10
11	B2 COFFEE BREW #2	2,500	2,500	2,500	8	40	2	1	2,000	2,000		CG WARMERS#1	12
13	B2 COFFEE BREW #3	2,500	2,500	2,500	8	40	2	1	2,000	2,000		SPACE	14
15	B2 COFFEE BREW #4	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B14 TOASTER OVEN	16
17	B2 COFFEE BREW #5	2,500	2,500	2,500	8	40	2	1	2,000	2,000		SPACE	18
19	B2 COFFEE BREW #6	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B14 TOASTER OVEN 1	20
21	B2 COFFEE BREW #7	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B36 SMOOTHIE BLND	22
23	B2 COFFEE BREW #8	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B36 SMOOTHIE BLND	24
25	B2 COFFEE BREW #9	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B36 SMOOTHIE BLND	26
27	B2 COFFEE BREW #10	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B46 HOT HOLDING UNIT	28
29	B2 COFFEE BREW #11	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B14 TOASTER OVEN 2	30
31	B2 COFFEE BREW #12	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B46 HOT HOLDING UNIT	32
33	B2 COFFEE BREW #13	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B46 SMOOTHIE BLND	34
37	B2 COFFEE BREW #14	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B40 ESPRESSO MACH	36
41	B2 COFFEE BREW #15	2,500	2,500	2,500	8	40	2	1	2,000	2,000		B32 CONVCT OVEN	38
	SUBTOTAL	12,480	13,350	17,480					11,000	15,800	13,830	SUBTOTAL	42
TOTAL PHASE A - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 196				COOLING 1,000				1.00				REFRIGERATION 685	1.00
TOTAL PHASE B - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 289				HEATING 0				0				SIGN/SHED LIGHTING 1,265	1.25
TOTAL PHASE C - VA				LOAD CONN. VA				DF				LOAD CONN. VA	DF
AMPS 31,512				RECEPTACLES 1,015				1.0/5				EXISTING 1,015	1.00
AMPS 261				MOTORS 800				1.00				LARGE MOTOR 1.25	TOTAL DEMAND
TOTAL PHASE - VA				SUPP HEAT 1,000				SHOW WINDOW 1.25				MISC EQUIP 18,500	1.00
AMPS 328				MISC EQUIP 18,500				1.00				LTD TRACK 1.00	TOTAL DEMAND 160 VA

PANELBOARD: RPB													
BUS AMPS 225A				AIC RATING 22000 FULLY RATED				EQUIPMENT GROUND BUS					
MAIN SIZE/TYPE MLO				SERVES: REFRIGERATION/GENERAL POWER				MOUNTING SURFACE					
VOLT/PHASE 208Y/120V, 3PH, 4W				LOCATION: ELECTRICAL ROOM				ELECTRICAL ROOM					
SECTION 1													
CIRCUIT NO.	DESCRIPTION	VOLT/PHASE			WIRE NO.	BKR NO.	P	WIRE NO.	VOLT/PHASE			DESCRIPTION	CIRCUIT NO.
		A	B	C					A	B	C		
1	A1 FAN COIL UNITS	1,100			12	20	1	1	400	400		A2 FAN COIL UNIT	2
5	A1 DOOR HEATER#1	750			12	20	1	1	750	750		B40 RAZZLE BLENDER	4
9	A1 DOOR HEATER#2	750			12	20	1	1	750	750		B20 FREEZER	6
13	A1 DOOR HEATER#3	750			12	20	1	1	750	750		A2 DISPLAY DOOR HEAT	8
17	A1 DOOR HEATER#4	750			12	20	1	1	750	750		A4 FAN COIL UNIT	10
21	A1 DOOR HEATER#5	750			12	20	1	1	750	750		A4 FAN COIL UNIT	12
25	A1 DOOR HEATER#6	750			12	20	1	1	750	750		A4 FAN COIL UNIT	14
29	A1 DOOR HEATER#7	750			12	20	1	1	750	750		A4 FAN COIL UNIT	16
33	A1 DOOR HEATER#8	750			12	20	1	1	750	750		A4 FAN COIL UNIT	18
37	A1 DOOR HEATER#9	750			12	20	1	1	750	750		A4 FAN COIL UNIT	20
41	A1 DOOR HEATER#10	750			12	20	1	1	750	750		A4 FAN COIL UNIT	22
45	A1 DOOR HEATER#11	750			12	20	1	1	750	750		A4 FAN COIL UNIT	24
49	A1 DOOR HEATER#12	750			12	20	1	1	750	750		A4 FAN COIL UNIT	26
53	A1 DOOR HEATER#13	750			12	20	1	1	750	750		A4 FAN COIL UNIT	28
57	A1 DOOR HEATER#14	750			12	20	1	1	750	750		A4 FAN COIL UNIT	30
61	A1 DOOR HEATER#15	750			12	20	1	1	750	750		A4 FAN COIL UNIT	32
65	A1 DOOR HEATER#16	750			12	20	1	1	750	750		A4 FAN COIL UNIT	34
69	A1 DOOR HEATER#17	750			12	20	1	1	750	750		A4 FAN COIL UNIT	36
73	A1 DOOR HEATER#18	750			12	20	1	1	750	750		A4 FAN COIL UNIT	38
77	A1 DOOR HEATER#19	750			12	20	1	1	750	750		A4 FAN COIL UNIT	40
81	A1 DOOR HEATER#20	750			12	20	1	1	750	750		A4 FAN COIL UNIT	42
85	A1 DOOR HEATER#21	750			12	20	1	1	750	750		A4 FAN COIL UNIT	44
89	A1 DOOR HEATER#22	750			12	20	1	1	750	750		A4 FAN COIL UNIT	46
93	A1 DOOR HEATER#23	750			12	20	1	1	750	750		A4 FAN COIL UNIT	48
97	A1 DOOR HEATER#24	750			12	20	1	1	750	750		A4 FAN COIL UNIT	50
101	A1 DOOR HEATER#25	750			12	20	1	1	750	750		A4 FAN COIL UNIT	52
105	A1 DOOR HEATER#26	750			12	20	1	1	750	750		A4 FAN COIL UNIT	54
109	A1 DOOR HEATER#27	750			12	20	1	1	750	750		A4 FAN COIL UNIT	56
113	A1 DOOR HEATER#28	750			12	20	1	1	750	750		A4 FAN COIL UNIT	58
117	A1 DOOR HEATER#29	750			12	20	1	1	750	750		A4 FAN COIL UNIT	60
121	A1 DOOR HEATER#30	750			12	20	1	1	750	750		A4 FAN COIL UNIT	62
125	A1 DOOR HEATER#31	750			12	20	1	1	750	750		A4 FAN COIL UNIT	64
129	A1 DOOR HEATER#32	750			12	20	1	1	750	750		A4 FAN COIL UNIT	66
133	A1 DOOR HEATER#33	750			12	20	1	1	750	750		A4 FAN COIL UNIT	68
137	A1 DOOR HEATER#34	750			12	20	1	1	750	750		A4 FAN COIL UNIT	70
141	A1 DOOR HEATER#35	750			12	20	1	1	750	750		A4 FAN COIL UNIT	72
145	A1 DOOR HEATER#36	750			12	20	1	1	750	750		A4 FAN COIL UNIT	74
149	A1 DOOR HEATER#37	750			12	20	1	1	750	750		A4 FAN COIL UNIT	76
153	A1 DOOR HEATER#38	750			12	20	1	1	750	750		A4 FAN COIL UNIT	78
157	A1 DOOR HEATER#39	750			12	20	1	1	750	750		A4 FAN COIL UNIT	80
161	A1 DOOR HEATER#40	750			12	20	1	1	750	750		A4 FAN COIL UNIT	82
165	A1 DOOR HEATER#41	750			12	20	1	1	750	750		A4 FAN COIL UNIT	84
169	A1 DOOR HEATER#42	750			12	20	1	1	750	750		A4 FAN COIL UNIT	86
173	A1 DOOR HEATER#43	750			12	20	1	1	750	750		A4 FAN COIL UNIT	88
177	A1 DOOR HEATER#44	750			12	20	1	1	750	750		A4 FAN COIL UNIT	90
181	A1 DOOR HEATER#45	750											