Branch Panel: M

Location: DRY GOODS RECEIVING
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	NON-ALCH COOLER CONDENSER #4115	30 A	3	2522	2522		3	30 A	BEER COOLER CONDENSER #4113	2	
	3					2522	2522				4	
	5						2522				6	
EM	7	WALK-IN COOLER EVAP. #4119	20 A	1	972	972		1	20 A	WALK-IN COOLER EVAP. #4119	8	EM
EM	9	WALK-IN COOLER EVAP. #4119	20 A	1		972	972	1	20 A	WALK-IN COOLER EVAP. #4119	10	EM
	11	BEAN TO CUP MACHINE #3017	20 A	2			2080	3	25 A	BULLET SANDWICH COOLER CONDENSER #4114	12	
	13				2080	1768					14	
	15	BEAN TO CUP MACHINE #3017	20 A	2		2080	1768				16	
	17						2080	1	20 A	WALK-IN COOLER EVAP. #4119	18	EM
	19	FREEZER EVAPORATOR #4118	20 A	2	486	330		2	20 A	ICE MAKER REMOTE CONDENSER (CUBER) #4012	20	
	21					486	330				22	
	23	ICE MAKER REMOTE CONDENSER (CRUSHED NUGGET) #4014	20 A	2			330	3	20 A	YOGURT CHILLER PAK#4096	24	
	25				330	2762					26	
	27	FREEZER (STORAGE) REMOTE CONDENSER #4116	25 A	3		2882	2762				28	
	29						2882	1	20 A	SPARE	30	
	31				2882	0		1	20 A	SPARE	32	
	33	DUMPSTER EQUIPMENT	20 A	3		0	0	--	--	SPACE	34	--
	35						0	3	20 A	BULLET IMPULSE COOLER CONDENSER #4117	36	
	37				0	1768					38	
	39	SPARE	20 A	1		0	1768				40	
	41	SPARE	20 A	1			0	1	20 A	HEAT TRACE	42	G
				Total Load:	19394 VA	19064 VA	20186 VA					
				Total Amps:	162 A	159 A	169 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	500 VA	100.00%	500 VA		
Kitchen Equipment	58144 VA	65.00%	37794 VA	**Total Conn. Load:**	58644 VA
				Total Est. Demand:	38294 VA
				Total Conn.:	163 A
				Total Est. Demand:	106 A

Notes:

PANEL SCHEDULE NOTES:

L - CIRCUIT REQUIRES A BREAKER LOCKING DEVICE.

P - CIRCUIT IS PREWIRED BY POWER WALL PRE-FABRICATER TO ITS POINT OF UTILIZATION WITHIN THE POWER WALL.

D - PREWIRED FROM BREAKER THRU CONTACTOR TO TERMINAL STRIP. CONTACTOR IS CONTROLLED BY THE MP/DISPENSER CONTROL SYSTEM.

M - MOTOR OVERLOAD PROTECTION IS TO BE INTEGRAL TO MOTOR OR PROVIDED BY OTHERS. MOTOR OVERLOAD PROTECTION IS NOT PROVIDED BY PRE-FABRICATOR.

GB - CIRCUIT REQUIRES A GROUND FAULT (GFCI) BREAKER.

GR - CIRCUIT REQUIRES A GROUND FAULT (GFCI) RECEPTACLE.

EM - (ADJACENT TO PANEL CIRCUIT NUMBERS) DENOTES EACH CIRCUIT THAT SHALL BE OPERATIONAL WHEN THE EMERGENCY GENERATOR IS IN USE. ALL OTHER CIRCUIT BREAKERS SHALL BE SWITCHED "OFF", AND THE PANEL DOORS SHALL BE CLOSED AND LOCKED.

-ALL WORK PERTAINING TO THE CONNECTION AND OPERATION OF THE PORTABLE EMERGENCY GENERATOR SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. THIS INCLUDES THE SWITCHED "OFF", AND PROTECTION OF ALL CIRCUIT BREAKERS NOT DESIGNATED 'EM' ON THE PANEL SCHEDULES.

CIRCUITS SHOWN WITH (***) ARE CONTROLLED LIGHTING CIRCUITS. REFER TO SHEET E001 FOR CONTACTOR SCHEDULE.

MAXIMUM 4800 WATTS PER 208 VOLT, 20 AMP LIGHTING CIRCUIT.
MAXIMUM 1800 WATTS PER 120 VOLT, 20 AMP LIGHTING CIRCUIT.

...BREAKER SIZE AND LOAD WITH MANUFACTURER'S LITERATURE IN FIELD.

Branch Panel: E

Location: DRY GOODS RECEIVING 109
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
	1	SOFT SERVE FREEZERS #4025	20 A	2	1248	360		1	20 A	SERVICE AREA RECEPTACLE	2	
	3					1248	1664				4	
	5	SOFT SERVE FREEZERS #4025	20 A	2			1248	2	20 A	HOLDING CABINET #5069	6	GB
	7				1248	360		1	20 A	DATA CLOSET RECEPTACLE	8	EM
	9	SOFT SERVE FREEZERS #4025	20 A	2		1248	360	1	20 A	DATA CLOSET RECEPTACLE	10	EM
	11						1248	1	20 A	COFFEEMAN (COFFEE PREP) #5034	12	
	13	SOFT SERVE FREEZERS #4025	20 A	2	1248	1000		1	20 A	FOOD WARMER - PUMP #5014	14	GB
	15					1248	0	1	20 A	SPARE	16	
EM, GB	17	KITCHEN EQ. #0125, #4065, #5059	20 A	1			920	1	20 A	POST BULLET SANDWICH #4105	18	
	19	KITCHEN EQ. #3004, #5021	20 A	1	1116	444		1	20 A	UNDER COUNTER WINE COOLER #5083	20	
	21	KITCHEN EQ. #3004, #5022	20 A	1			1284	1	20 A	FOOD LABEL PRINTER #5086	22	
GB	23	KITCHEN EQ. #5059, #5064	20 A	1				1	20 A	ROLLER GRILL #5025	24	GB
GB	25	KITCHEN EQ. #5067, #5078	20 A	1	1236	200		1	20 A	LEER ICE MERCHANDISER #5097	26	GB
GB	27	KITCHEN EQ. #5046, #5125	20 A	1			1884	2	25 A	MICROWAVE OVEN #5026	28	GB
GB	29	KITCHEN EQ. #5019, #5040, #5085	20 A	1				2	25 A	MICROWAVE OVEN #5026	30	GB
GB	31	PASTRY CASE #5015	20 A	1	1476			1	20 A	ROLLER GRILL #5025	32	GB
GB	33	TURBO CHEF OVEN #5111	30 A	2		1560	0	1	20 A	SPARE	34	
	35						1560	1	20 A	SPARE	36	
GB	37	#5084 DOUBLE BATCH OVEN	20 A	2	3000	3000		3	35 A	WATER HEATER #3013	38	
	39						3000				40	
GB	41	KITCHEN EQ. #5028, #5065, #5085	20 A	1			1505	3000				42	
GB	43	ROLLER GRILL #5026	20 A	1	1535	0		1	20 A	SPARE	44	
	45	SPARE	20 A	1		0	0	1	20 A	SPARE	46	
	47	SPARE	20 A	1			0	1	20 A	SPARE	48	
	49	SPARE	20 A	1	0	0		1	20 A	SPARE	50	
	51	SPARE	20 A	1		0	0	1	20 A	SPARE	52	
	53	SPARE	20 A	1			0	0	1	20 A	SPARE	54	
				Total Load:	22206 VA	21000 VA	18169 VA					
				Total Amps:	189 A	179 A	151 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	10560 VA	100.00%	10560 VA		
Power	1500 VA	100.00%	1500 VA	**Total Conn. Load:**	61375 VA
Receptacle	1860 VA	100.00%	1860 VA	**Total Est. Demand:**	44766 VA
Kitchen Equipment	47455 VA	65.00%	30846 VA	**Total Conn.:**	170 A
				Total Est. Demand:	124 A

Notes:

Branch Panel: M1

Location: DRY GOODS RECEIVING
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	FCB VIPER #3014	30 A	2	2000	1752		1	20 A	POST MIX SYSTEM #3005	2	
	3						2000	1752	1	20 A	POST MIX SYSTEM #3005	4	
	5	FCB VIPER #3014	30 A	2					2000	1752	1	20 A	POST MIX SYSTEM #3005	6	
	7				2000	2080						8	
	9	SPARE	20 A	1			0	2080	2	20 A	BEAN TO CUP MACHINE #3017	10	
	11	TEA BREWER #3002	20 A	1					1680	0	1	20 A	SPARE	12	
	13	GRANITA MACHINE #3007	20 A	1	1440	1440					1	20 A	GRANITA MACHINE #3007	14	
	15	ICE MAKER (CUBED) #4011	20 A	2			1529	0			1	20 A	SPARE	16	
	17								1529	0	1	20 A	SPARE	18	
	19	ICE MAKER (CRUSHED/NUGGET) #4013	20 A	2	1591	0					1	20 A	SPARE	20	
	21						1591	1800			1	20 A	CAPPUCCINO DISPENSER #3008	22	
	23	SPARE	20 A	1					0	2080	2	20 A	BEAN TO CUP MACHINE #3017	24	
	25	SPARE	20 A	1	0	2080						26	
	27	BEAN TO CUP MACHINE #3017	20 A	2			2080	936			1	20 A	#5091 PIZZA FREEZER BASE	28	GB
	29								2080	0	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0	1104					1	20 A	TWO DOOR REFRIGERATOR #4033	32	EM
EM	33	TWO DOOR REFRIGERATOR #4033	20 A	1			1104	2150				34			
	35								2150	2150	3	30 A	COMBI OVEN #3011	36	GB
GB	37	COMBI OVEN #3011	30 A	3	2150	2150						38			
	39						2150	0			1	20 A	SPARE	40	
	41	TEA BREWER #3002	20 A	1					1680	0	1	20 A	SPARE	42	
				Total Load:	19786 VA		19171 VA		17100 VA						
				Total Amps:	168 A		162 A		142 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Kitchen Equipment	56057 VA	65.00%	36437 VA		
				Total Conn. Load:	56057 VA
				Total Est. Demand:	36437 VA
				Total Conn.:	156 A
				Total Est. Demand:	101 A

Notes:

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5780 PEACHTREE PKWY
PEACHTREE CORNERS, GA

RACETRAC STORE NUMBER
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SHEET NUMBER
E431
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