

### Branch Panel: K1

Location: PREP AREA 97  
Supply From: MDP  
Mounting: FLUSH  
Enclosure: Type 1

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

A.I.C. Rating: 65K (SERIES RATED)  
Mains Type: M.L.O.  
Mains Rating: 400 A  
MCB Rating:

Notes:  
(#1.) GROUND FAULT CIRCUIT INTERRUPT CIRCUIT BREAKER. (#2.) LOCK ON BREAKER. (#3.) SMART TYPE GFCI BREAKER.

CKT	Circuit Description	ITEM	Trips	Pole s	A	B	C	Pole s	Trips	ITEM	Circuit Description	CKT	
1	DISH MACHINE	E236	70 A	3	6720	1000				E166	FIRE SUPPRESSION SYSTEM (#2)	2	
3						6720	180			E166	BLENDER (#1)	4	
5								6720	1000	E94	MIXER (#3)	6	
7	BOOSTER HEATER	E237	90 A	3	8640	720				E102	SALAD DRYER (#1)	8	
9						8640	1000			E98	REC. UTILITY (#1)	10	
11								8640	230	E116	SODA SYSTEM (#1)	12	
13	OVEN (#1)	E221	20 A	2	1872	180				E121	BEER BLAST	14	
15						1872	0				Spares	16	
17	COFFEE BREWER (#1)	E214	20 A	1			1670	180		E119	REMOTE BEER BLAST SYSTEM (#1)	18	
19	iced TEA BREWER (#1)	E216	20 A	1	1775	180				E124	REC. - CLOCK (#1)	20	
21	REC. GLASS WASHER	E39	50 A	2		3244	504			EF-1		22	
23						3244	504				Spares	24	
25	MECH ROOM HEATER		20 A	3	1665	504				EF-2		26	
27						1665	912			EF-2		28	
29							1665	912				30	
31	EFB		20 A	1	456	912						32	
33	MAU-1 CONDENSER 1		20 A	3		1741	372			EF-3		34	
35						1741	372					36	
37						1741	372					38	
39	MAU-1 CONDENSER 2		30 A	3		2090	300			EF-4		40	
41						2090	300					42	
43						2090	300					44	
45	FUTURE SITE LIGHTING		20 A	1		500	1175			EF-5 AND EF-6		46	
47	FUTURE SITE LIGHTING		20 A	1			500	1309		MAU-1		48	
49	FUTURE SITE LIGHTING		20 A	1	500	1309						50	
51	FUTURE SITE LIGHTING		20 A	1		500	1309					52	
53	FUTURE SITE SIGNAGE		20 A	1			500	500		Spares		54	
Total Load:					30936 VA	32724 VA		32077 VA					
Total Amps:					258 A	274 A		289 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	16818 VA	100.00%	16818 VA	
Receptacle	11492 VA	93.51%	10746 VA	Total Conn. Load: 95737 VA
Spares	3000 VA	100.00%	3000 VA	Total Est. Demand: 72442 VA
Kitchen Equipment	64427 VA	65.00%	41879 VA	Total Conn.: 266 A
				Total Est. Demand: 201 A

Notes:

### Branch Panel: C

Location: KITCHEN 101  
Supply From: MDP  
Mounting: Recessed  
Enclosure: Type 1

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

A.I.C. Rating: 65K (SERIES RATED)  
Mains Type: M.L.O.  
Mains Rating: 225 A  
MCB Rating:

Notes:  
1. PROVIDE ISOLATED GROUND

CKT	Circuit Description	ITEM	Trips	Pole s	A	B	C	Pole s	Trips	ITEM	Circuit Description	CKT	
1	LG.T. - BUILDING SIGN		20 A	1	1200	360					REC. - OFFICE	2	
3	LG.T. - BUILDING SIGN		20 A	1		1200	360				REC. - OFFICE	4	
5	LG.T. - BUILDING SIGN		20 A	1			1200	360			REC. - OFFICE MUSIC SYSTEM	6	
7	LG.T. - BUILDING ADDRESS SIGN		20 A	1	1200	900					RECS. - OFFICE	8	
9	LG.T. - TAKE AWAY SIGN		20 A	1			480	360			REC. - OFFICE FAX / SECURITY...	10	
11	LG.TS. - ROOF COVE LED		20 A	1				720	360		RECS. - OFFICE IT ELEC. RACK	12	
13	LG.TS. - KITCHEN EMPLOYEE R.R. EF-7		20 A	1	100	180					RECS. - UTILITY TAKE OUT	14	
15	RECS. LANDSCAPE LIGHTING		20 A	1			1600	400			RECS. - UTILITY TAKE OUT	16	
17	LG.TS. - EXTERIOR		20 A	1				765	300		RECS. - HOSTESS PAGERS	18	
19	LG.TS. - EXTERIOR UP/DOWN LITS		20 A	1	180	400					RECS. CHEFS TABLE P.O.S.	20	
21	LG.TS. - EXTERIOR PORCH COLUMN...		20 A	1			53	360			RECS. - VEST DINING	22	
23	FANS - EXTERIOR CANOPY		20 A	1				200	180		RECS. - UTILITY EXTERIOR	24	
25	LG.TS. & FANS - EXTERIOR CANOPY		20 A	1	641	610					RECS. UTILITY EXTERIOR	26	
27	KDS SYSTEM RECS.		20 A	1			600	600		E37.2	RECS. CHEFS TABLE P.O.S.	28	
29	LG.TS. - EXTERIOR COVE		20 A	1				500	200		E37.1	RECS. P.O.S. TERMINAL	30
31	LG.TS. - KITCHEN		20 A	1	927	200					E37.1	RECS. - P.O.S. TERMINAL	32
33	LG.TS. - KITCHEN		20 A	1			726	540		E44.40	RECS. P.O.S. TERMINAL	34	
35	RECS. - (3) DINING TVS	E03	20 A	1				600	360		E44.40	RECS. - P.O.S. TERMINAL	36
37	RECS. - DINING TV	E03	20 A	1	180	400					E07	RECS. - BAR USB	38
39	RECS. - (2) BAR TVS	E04	20 A	1			400	200			E04	RECS. - BAR USB	40
41	RECS. - RESTROOM SINKS		20 A	1				720	400		E07	RECS. - BAR USB	42
43	SECURITY DEVICE		20 A	1	180	200					E35.37	RECS. - P.O.S. BAR	44
45	CCTV CAMERAS POWER		20 A	1			180	180			E82	REC. - PREP TABLE	46
47	RECS. - SECURITY MONITORS		20 A	1				900	360			REC. - TAKE OUT PRINTER	48
49	RECS. - JVP DINING		20 A	1	360	720						RECS. - ROOF TOP UNITS	50
51	RECS. - JVP DINING		20 A	1			360	500				AIR CURTAIN	52
53	REC. - BOH PRINTER		20 A	1			960	180			E45	RECS. - CAR TOPPERS	54
Total Load:					8918 VA	9099 VA		9345 VA					
Total Amps:					74 A	76 A		76 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	100 VA	100.00%	100 VA	
Lighting - Retail	2882 VA	125.00%	3602 VA	Total Conn. Load: 27362 VA
Other	180 VA	100.00%	180 VA	Total Est. Demand: 25511 VA
Receptacle	10130 VA	99.36%	10065 VA	Total Conn.: 76 A
Kitchen Equipment	7160 VA	65.00%	4654 VA	Total Est. Demand: 71 A

Notes:

REFER TO SHEET  
E202 FOR PANEL "DH"

### BRANCH PANEL AIC RATING STATEMENT

THE FOLLOWING MUST BE MARKED ON EQUIPMENT : "CAUTION - FULL COMBINATION SYSTEM RATED 65,000 AMPERE REPLACEMENT COMPONENTS REQUIRED."

### Switchboard: MDP

Location: BUMPSTEERIOR  
Supply From: UTILITY  
Mounting: SURFACE  
Enclosure: NEMA 3R

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

A.I.C. Rating: 65K (SERIES RATED)  
Mains Type: MCB  
Mains Rating: 1200 A  
MCB Rating: 1200 A

Notes:

CKT	Circuit Description	Poles	Frame Size	Trips Rating	Load	WIRE AND CONDUIT	
1	RTU-1	3	100 A		24192 VA	3#1, #6G, 1 1/2" C	
2	RTU-2	3	100 A		24192 VA	3#1, #6G, 1 1/2" C	
3	Space	--	--	--	0 VA	--	
4	RTU-3	3	100 A		15552 VA	3#3, #6G, 1 1/2" C	
5	RTU-4	3	100 A		15552 VA	3#3, #6G, 1 1/2" C	
6	PANEL 'C'	3	225 A		27362 VA	4#3, #6G, 2 1/2" C	
7	PANEL 'K-2'	3	225 A		41511 VA	4#3, #6G, 2 1/2" C	
8	PANEL 'K-1'	3	400 A		95737 VA	4#500, #6G, 2 1/2" C	
9	PANEL 'P' (SHUNT TRIP BREAKER)	3	150 A		28480 VA	3#3, #6G, 2 1/2" C	
10	PANEL 'DH'	3	225 A		4068 VA	4#1, #6G, 1 1/2" C	
11	E168.1 CHEFS TABLE	3	225 A		150 A	3360 VA	4#10, #6G, 1 1/2" C
12	Space	--	--	--	0 VA	--	
13	Space	--	--	--	0 VA	--	
14	Space	--	--	--	0 VA	--	
Total Conn. Load:						310274 VA	
Total Est. Demand:						247198 VA	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	6223 VA	100.00%	6223 VA	
HVAC	9236 VA	100.00%	9236 VA	Total Conn. Load: 310274 VA
Lighting - Retail	125.00%	6175 VA		Total Est. Demand: 247198 VA
Other	100.00%	300 VA		Total Conn.: 861 A
Receptacle	34520 VA	65.32%	22626 VA	Total Est. Demand: 666 A
Spares	7500 VA	100.00%	7500 VA	
HEATER	1440 VA	100.00%	1440 VA	
Spares	1440 VA	65.00%	936 VA	
Load Classification	0 VA	0.00%	0 VA	
Kitchen Equipment	15280 VA	65.00%	9933 VA	

Notes:

### Branch Panel: K2

Location: RECEIVING AREA 104  
Supply From: MDP  
Mounting: FLUSH  
Enclosure: Type 1

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

A.I.C. Rating: 65K (SERIES RATED)  
Mains Type: M.L.O.  
Mains Rating: 225 A  
MCB Rating:

Notes:  
(#1.) PROVIDE GROUND FAULT TYPE CIRCUIT BREAKER (#2.) HACR - U.S. LISED 'HACR' TYPE BRANCH CIRCUIT BREAKER

CKT	Circuit Description	ITEM	Trips	Pole s	A	B	C	Pole s	Trips	ITEM	Circuit Description	CKT	
1	WALK-IN COOLER COIL (#2)	E56	20 A	2	315	936				E77	WALK-IN FREEZER CONDENSER (#2)	2	
3						315	936					4	
5	DELIVERY MONITOR	E69	20 A	1			200	936				6	
7	Spares		20 A	1	0	1416				E71	WALK-IN COOLER CONDENSER (#2)	8	
9	WALK-IN FREEZER COIL (#2)	E76	20 A	2		1144	1416					10	
11						1144	1416					12	
13	LG.TS. - WALK-IN COOLER & KEG (#1)	E56.L	20 A	1	1440	1404				E59	KEG COOLER CONDENSER (#2)	14	
15	LG.TS. - WALK-IN FREEZER (#1)	E73	20 A	1		640	1404					16	
17	ICE MACHINE	E223	20 A	1			260	1591		E224	ICE MACHINE CONDENSER (#2)	18	
19	ICE MACHINE	E223	20 A	1	260	1591						20	
21	REFRIGERATOR (#1)	E126	20 A	1		805	1591			E224	ICE MACHINE CONDENSER (#2)	22	
23	Spares		20 A	1		0	1591					24	
25	REC. - GLASS STORAGE (#1)	E12	20 A	1	500	1980				E18	REC. - BLENDER	26	
27	REC. - GLASS FROSTER (#1)	E24	20 A	1		1080	1980			E18	REC. - BLENDER	28	
29	REC. - GLASS FROSTER (#1)	E22	20 A	1			1080	1000		E12	REC. - BLENDER	30	
31	REC. - BAR COOLER (#1)	E34	20 A	1	360	500				E27	REC. - UTILITY (#1)	32	
33	WATER SOFTNER (#1)		20 A	1		500	500					34	
35	REC. - WATER FILTER (#1)		20 A	1			180	500		E33	REC. - WATER FILTER (#1)	36	
37	HV REGR. PUMP		20 A	1	180	180				E209	COOLED DROPPING CONDENSER (#1)	38	
39	WATER HEATER		20 A	1		720	180			E209	COOLED DROPPING CONDENSER (#1)	40	
41	WATER HEATER		20 A	1			720	180				42	
43	Spares		20 A	1	500	250						44	
45	UNDER SHELF TASK LIGHT		20 A	1		360	1000					46	
47	BACK BAR COOLER		20 A	1			840	1000				48	
49	REC. - BLENDER		20 A	1	1000	288						50	
51	WALK-IN COOLER COIL (#1)		20 A	2		288	288					52	
53							288	360				54	
Total Load:					13100 VA	14145 VA		13750 VA					
Total Amps:					109 A	117 A		117 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	6148 VA	100.00%	6148 VA	
Receptacle	2490 VA	99.00%	2490 VA	Total Conn. Load: 41531 VA
Spares	1500 VA	100.00%	1500 VA	Total Est. Demand: 30767 VA
HEATER	1440 VA	100.00%	1440 VA	Total Conn.: 115 A
Kitchen Equipment	1440 VA	65.00%	936 VA	Total Est. Demand: 85 A
Kitchen Equipment	20313 VA	65.00%	19053 VA	

Notes:

### Branch Panel: P

Location: RECEIVING AREA 104  
Supply From: MDP  
Mounting: FLUSH  
Enclosure: Type 1

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

A.I.C. Rating: 65K (SERIES RATED)  
Mains Type: M.L.O.  
Mains Rating: 150 A  
MCB Rating:

Notes:  
(#1.) GROUND FAULT CIRCUIT INTERRUPT CIRCUIT BREAKER. (#2.) LOCK ON DEVICE FOR CRITICAL LOAD. (#3.) SMART TYPE MCB MAIN BREAKER

CKT	Circuit Description	ITEM	Trips	Pole s	A	B	C	Pole s	Trips	ITEM	Circuit Description	CKT
1	POTATO STEAMER	E96	30 A	3	2040	1440				E140	CONVECTION OVEN (#1)	2
3							2667	590		E147	CONVECTION OVEN (#1)	4
5										E144	REFRIGERATOR (#1)	6
7	FUTURE HOT/COLD CABINET		20 A	2	1530	590</						