

MAIN PANELBOARD 'MP'					
TYPE: DQMB		MAIN: MLO		NEMA 3R	
VOLTS: 120/208V. 3Ø, 4W. BUS: 800A					
CCT	SERVES	SWITCH	P	FUSE	FEEDER
1	PANEL 'P'	200	3	150	4 #1/0 - 2" c.
2	PANEL 'L'	100	3	100	4 #3 - 1 1/4" c.
3	PANEL 'A'	200	3	150	4 #1/0 - 2" c.
4	PANEL 'K'	200	3	200	4 #3/0 - 2" c.
5	PANEL 'C'	60	3	40	5 #8 - 1" c.
6	PANEL 'DP'	400	3	400	4 #500mm - 3 1/2" c.

CONNECTED LOAD = 220.1 KVA  
DEMAND LOAD = 188.3 KVA

DISTRIBUTION PANEL 'DP'					
TYPE: DQMB		MAIN: MLO		NEMA 3R	
VOLTS: 120/208V. 3Ø, 4W. BUS: 400A					
CCT	SERVES	SWITCH	P	FUSE	FEEDER
1	RTU #1	60	3	50	3#8 - 3/4" c.
2	RTU #2	60	3	50	3#8 - 3/4" c.
3	RTU #3	60	3	50	3#8 - 3/4" c.
4	RTU #4	200	3	125	3#1 - 1/2" c.
5	RTU #5	60	3	60	3#6 - 1" c.
6	PANEL 'M'	200	3	175	4#2/0 - 2" c.
7	SPACE	100	3	-	-
8	SPACE	100	3	-	-

CONNECTED LOAD = 113.2 KVA  
DEMAND LOAD = 113.2 KVA

PANEL 'A'												
BY KITCHEN EQUIPMENT SUPPLIER			VOLTS: 120/208V. 3Ø, 4W.			MAIN: MLO			MOUNTING: AS REQ'D.			DQNOOD PNLBOARD 10,000 A.I.C.
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES
ITEM 'B'	1	592	-	-	20/2	A	B	20/2	-	850	2	ITEM 'J'
(--)	3	592	-	-	20/2	A	B	20/2	-	850	4	(--)
ITEM 'E'	5	200	-	-	20/2	A	C	20/2	-	850	6	ITEM 'I'
(--)	7	200	-	-	20/2	A	B	20/2	-	850	8	(--)
ITEM 'H'	9	1200	-	-	20/2	A	B	20/2	-	1450	10	ITEM 'K'
(--)	11	1200	-	-	20/2	A	B	20/2	-	1450	12	(--)
ITEM 'F'	13	1200	-	-	20/2	A	B	20/2	-	-	14	SPARE
(--)	15	1200	-	-	20/2	A	B	20/2	-	-	16	(--)
ITEM 'G'	17	700	-	-	20/1	A	C	20/1	-	1700	18	ITEM 'F'
(--)	19	700	-	-	20/1	A	B	20/1	-	1700	20	ITEM 'F'
ITEM 'D'	21	900	-	-	20/1	A	B	20/1	-	1000	22	ITEM 'L'
(--)	23	900	-	-	20/1	A	C	20/1	-	1000	24	ITEM 'L'
ITEM 'D'	25	900	-	-	20/1	A	B	20/1	-	1000	26	ITEM 'L'
(--)	27	900	-	-	20/1	A	B	20/1	-	700	28	ITEM 'M'
ITEM 'D'	29	700	-	-	20/1	A	C	20/1	-	-	30	SPARE
(--)	31	2700	-	-	30/3	A	B	40/2	-	3016	32	ITEM 'P'
(--)	33	2700	-	-	-	A	B	C	-	3016	34	(--)
(--)	35	2700	-	-	20/1	A	B	20/1	-	-	36	SPARE
ITEM 'N'	37	900	-	-	20/1	A	B	20/1	-	-	38	SPARE
(--)	39	900	-	-	20/1	A	B	20/1	-	-	40	SPACE
SPACE	41	-	-	-	-	-	-	-	-	-	42	SPACE

CONNECTED LOAD = 40.4 KVA  
DEMAND LOAD = 24.3 KVA

NOTE: PANEL IS PREWIRED WITH EQUIPMENT COUNTER.

PANEL 'C'													
VOLTS: 120/208V. 3Ø, 5W.			MOUNTING: FLUSH			MAIN: MLO			BUS: 100A.			DQNOOD PNLBOARD 10,000 A.I.C.	
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES	
WORK STATION	1	500	12	1/2	20/1	A	B	20/1	1/2	12	400	2	CASH REGISTER ITEM 26
SPACE	3	-	-	-	20/1	A	B	20/1	1/2	12	400	4	CASH REGISTER ITEM 32
SPACE	5	-	-	-	20/1	A	B	20/1	1/2	12	400	6	CASH REGISTER ITEM 37
SPACE	7	-	-	-	20/1	A	B	20/1	1/2	12	400	8	SPACE
SPACE	9	-	-	-	20/1	A	B	20/1	1/2	12	400	10	SPACE
SPACE	11	-	-	-	20/1	A	B	20/1	1/2	12	400	12	SPACE

CONNECTED LOAD = 1.3 KVA  
DEMAND LOAD = 1.3 KVA

WITH ISOLATED GROUND BUS

PANEL 'K' LEFT SECTION													
VOLTS: 120/208V. 3Ø, 4W.			MOUNTING: FLUSH			MAIN: MLO			BUS: 225A.			DQNOOD PNLBOARD 10,000 A.I.C.	
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES	
ITEM 02	1	1800	12	1/2	20/1	A	B	20/2	1/2	12	1414	2	ITEM 04
ITEM 03	3	1800	12	1/2	20/1	A	B	20/2	1/2	12	1414	4	(--)
ITEM 05	5	1800	12	1/2	20/1	A	C	20/1	1/2	12	698	6	ITEM 06 (1/4 HP)
ITEM 05	7	800	12	1/2	20/1	A	B	40/2	3/4	8	3175	8	ITEM 09
KITCHEN RECEPTACLES ITEM 17	9	800	12	1/2	20/1	A	B	40/2	3/4	8	3175	10	(--)
ITEM 04	11	1414	12	1/2	20/2	A	C	20/1	1/2	12	200	12	ITEM 07
(--)	13	1414	12	1/2	20/1	A	B	20/1	1/2	12	1880	14	ITEM 08
ITEM 08	15	1080	12	1/2	20/1	A	B	20/1	1/2	12	1200	16	ITEM 08
ITEM 10	17	698	12	1/2	20/1	A	C	20/1	1/2	12	1200	18	ITEM 08
ITEM 11	19	500	12	1/2	20/1	A	B	20/1	1/2	12	1020	20	ITEM 14
ITEM 12	21	360	12	1/2	20/1	A	B	20/1	1/2	12	240	22	ITEM 15
ITEM 20	23	360	12	1/2	20/1	A	C	20/1	1/2	12	1500	24	ITEM 16
ITEM 21	25	200	12	1/2	20/1	A	B	20/1	1/2	12	1320	26	ITEM 21
ITEM 23	27	450	12	1/2	20/1	A	B	20/1	1/2	12	300	28	ITEM 22
ITEM 24	29	450	12	1/2	20/1	A	C	20/2	1/2	12	770	30	ITEM 27
ITEM 25	31	200	12	1/2	20/1	A	B	20/1	1/2	12	775	32	(--)
ITEM 29	33	1800	12	1/2	20/1	A	B	40/2	3/4	8	2600	34	ITEM 28
SPACE	35	-	-	-	20/1	A	B	40/2	3/4	8	2600	36	(--)
SPACE	37	-	-	-	20/1	A	B	40/2	3/4	8	2600	38	SPACE
SPACE	39	-	-	-	20/1	A	B	40/2	3/4	8	2600	40	SPACE
SPACE	41	-	-	-	20/1	A	B	40/2	3/4	8	2600	42	SPACE

PANEL 'K' RIGHT SECTION													
VOLTS: 120/208V. 3Ø, 4W.			MOUNTING: FLUSH			MAIN: MLO			BUS: 225A.			DQNOOD PNLBOARD 10,000 A.I.C.	
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES	
ITEM 30	43	1800	12	1/2	20/1	A	B	20/1	1/2	12	1500	44	ITEM 31
ITEM 39	45	1560	12	1/2	20/2	A	B	20/1	1/2	12	1800	46	ITEM 33
(--)	47	1560	12	1/2	20/1	A	C	20/1	1/2	12	1600	48	ITEM 34
ITEM 44	49	872	12	1/2	20/1	A	B	20/1	1/2	12	1800	50	ITEM 34
ITEM 34	51	1600	12	1/2	20/1	A	B	20/1	1/2	12	1600	52	ITEM 35
ITEM 36	53	912	12	1/2	20/1	A	C	20/2	1/2	12	1560	54	ITEM 39
ITEM 38	55	700	12	1/2	20/1	A	B	20/1	1/2	12	1560	56	ITEM 39
ITEM 45	57	1600	12	1/2	20/1	A	B	20/1	1/2	12	-	58	SPARE
ITEM 18	59	2460	10	3/4	30/3	A	B	20/1	-	-	-	60	SPACE
(--)	61	2460	10	-	-	A	B	C	-	-	-	62	SPACE
(--)	63	2460	10	-	-	A	B	C	-	-	-	64	SPACE
SPACE	65	-	-	-	20/1	A	B	20/1	-	-	-	66	SPACE
SPACE	67	-	-	-	20/1	A	B	20/1	-	-	-	68	SPACE
SPACE	69	-	-	-	20/1	A	B	20/1	-	-	-	70	SPACE
SPACE	71	-	-	-	20/1	A	B	20/1	-	-	-	72	SPACE
SPACE	73	-	-	-	20/1	A	B	20/1	-	-	-	74	SPACE
SPACE	75	-	-	-	20/1	A	B	20/1	-	-	-	76	SPACE
SPACE	77	-	-	-	20/1	A	B	20/1	-	-	-	78	SPACE
SPACE	79	-	-	-	20/1	A	B	20/1	-	-	-	80	SPACE
SPACE	81	-	-	-	20/1	A	B	20/1	-	-	-	82	SPACE
SPACE	83	-	-	-	20/1	A	B	20/1	-	-	-	84	SPACE

CONNECTED LOAD = 70.5 KVA  
DEMAND LOAD = 52.9 KVA

\* G.F.I. C/BREAKER

PANEL 'M'													
VOLTS: 120/208V. 3Ø, 4W.			MOUNTING: FLUSH			MAIN: MLO			BUS: 225A.			DQNOOD PNLBOARD 10,000 A.I.C.	
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES	
SUPPLY FAN #1 (2 HP)	1	900	12	1/2	20/3	A	B	20/3	1/2	12	386	2	EXHAUST FAN #1 (3/4 HP)
(--)	3	900	12	1/2	20/3	A	B	20/3	1/2	12	386	4	(--)
SUPPLY FAN #2 (1/2 HP)	7	264	12	1/2	20/3	A	B	20/3	1/2	12	718	8	EXHAUST FAN #2 (1 1/2 HP)
(--)	9	264	12	1/2	20/3	A	B	20/3	1/2	12	718	10	(--)
ITEM 42 - COOLER REM. COND. ((2) 1/2 HP)	13	552	12	1/2	20/3	A	B	20/3	1/2	12	386	14	EXHAUST FAN #3 (3/4 HP)
(--)	15	552	12	1/2	20/3	A	B	20/3	1/2	12	386	16	(--)
ITEM 41 - FREEZER REM. COND. (2 HP)	17	552	12	1/2	20/3	A	B	20/3	1/2	12	386	18	EXHAUST FAN #4 (3/4 HP)
(--)	19	552	12	1/2	20/3	A	B	20/3	1/2	12	386	20	(--)
TRASH COMPACTOR	21	938	12	-	-	A	B	20/1	1/2	12	386	24	(--)
(--)	23	938	12	-	-	A	B	20/1	1/2	12	386	28	EXHAUST FAN #6 (1/4 HP)
SPACE	25	3000	10	3/4	30/3	A	B	20/1	1/2	12	696	26	SPACE
(--)	27	3000	10	-	-	A	B	20/1	1/2	12	1176	28	AIR CURTAIN
(--)	29	3000	10	-	-	A	B	20/1	1/2	12	1176	30	SPACE
SPACE	31	-	-	-	-	A	B	C	-	-	-	32	SPACE
SPACE	33	-	-	-	-	A	B	C	-	-	-	34	SPACE
SPACE	35	-	-	-	-	A	B	C	-	-	-	36	SPACE
SPACE	37	-	-	-	-	A	B	C	-	-	-	38	SPACE
SPACE	39	-	-	-	-	A	B	C	-	-	-	40	SPACE
SPACE	41	-	-	-	-	A	B	C	-	-	-	42	SPACE

CONNECTED LOAD = 23.2 KVA  
DEMAND LOAD = 23.2 KVA

PANEL 'P'													
VOLTS: 120/208V. 3Ø, 4W.			MOUNTING: FLUSH			MAIN: MLO			BUS: 225A.			DQNOOD PNLBOARD 10,000 A.I.C.	
SERVES	CCT	LOAD	WIRE	COND	BRKR	PHASE	BRKR	COND	WIRE	LOAD	CCT	SERVES	
EMERGENCY LIGHTS	1	800	12	1/2	20/1	A	B	20/1	1/2	12	750	2	KITCHEN LIGHTS
ROOF LIGHTING	3	580	12	1/2	20/1	A	B	20/1	1/2	12	1000	4	KITCHEN LIGHTS
ILLUMINATED SIGN	5	1200	12	1/2	20/1	A	C	20/1	1/2	12	1200	6	OUT. BLDG. LIGHTS
OUT. BLDG. LIGHTS	7	1500	12	1/2	20/1	A	B	20/1	1/2	12	1050	8	OUT. BLDG. LIGHTS
ROOF LIGHTING	9	1050</											