



PANEL PP (KITCHEN WALL) SECTION 1 120/208 3PH 4W 400 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	LIGHTS	20	1	15	1.00	15	2	ITEM 20 2 DOOR FREEZER	15	2	4	1.00	4
3	BAR GLASS WASHER	20	2	15	0.70	11	6	ITEM 20 2 DOOR FREEZER	15	2	4	1.00	4
5						0	8						
7	ITEM 40.5 HEAT LAMP	20	1	10	0.70	7	10	RECEPTS	20	1	15	0.50	8
9	RECEPTS	20	1	15	0.50	8	12	RECEPTS	20	1	15	0.50	8
11	RECEPTS	20	1	15	0.50	8	14	RECEPTS	20	1	15	0.50	8
13	RECEPTS	20	1	15	0.50	8	16	BAR ITEM 7 POS	20	1	15	0.50	8
15	BAR ITEM 14 LIQUOR DISPLAY LIGHTS	20	1	15	0.50	8	18	UNDER BAR FRIDGE ITEM 3	20	1	5	1.00	5
17	ITEM 74 PRETZELA WARMER	20	1	8	0.70	6	20	UNDER BAR FRIDGE ITEM 2	20	1	4	1.00	4
19	ITEM 74 PIZZA WARMER	20	1	8	0.70	6	22	ITEM 68 PEPSI FOUNTAIN	20	1	6	1.00	6
21	ITEM 72 ICE UNIT	20	1	14	1.00	14	24	ITEM 60 & 61 MICROS TERM & PRINT	20	1	7	0.70	5
23	ITEM 66 SERVER BEEPER CHARGING	20	1	3	1.00	3	26	ITEM 65 MICROWAVE	20	1	14	0.50	7
25	ITEM 64 COFFEE MAKER	20	1	13	1.00	13	28	ITEM 63 TORTILLA PRESS	20	1	15	0.50	8
27	ITEM 60 & 61 MICROS TERM & PRINT	20	1	7	0.70	5	30	ITEM 55	20	1	14	0.70	10
29	ITEM 57	20	1	13	0.50	7	32	ITEM 53 (OTHER)	20	1	12	0.70	8
31	ITEM 49	50	3	30	0.50	15	34	ITEM 47 (OTHER)	20	1	10	0.70	7
33							0	36	ITEM 49	50	3		
35					0	38						0	
37	ITEM 48	20	1	8	1.00	8	40	ITEM 47 (OTHER)	20	1	8	0.70	6
39	ITEM 43 COFFEE MAKER	20	1	14	0.50	7	42	ITEM 40.5 HEAT LAMP	20	1	10	0.70	7
41	ITEM 41 FREEZER	20	1	8	1.00	8							

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

Section 1
 Tot Amps/PH - Connected Load 139.73
 Demand Factor 64.77%
 Total Amps/PH - Demand 90.50
 Connected KVA 50.28
 Demand KVA 32.57
 Min. Panel Size (Demand x 1.25) - Amps 113.13

PANEL PP (KITCHEN WALL) SECTION 2 120/208 3PH 4W 400 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA			
43	ITEM 39 (OTHER)	20	1	15	0.70	11	44	ITEM 40.5 HEAT LAMP	20	1	10	0.70	7			
45	ITEM 37	20	1	8	0.70	6	46	ITEM 38	20	1	13	0.70	9			
47	ITEM 36	20	1	5	1.00	5	48	ITEM 28 ICE MACHINE	20	2	12	1.00	12			
49	ITEM 35	20	1	9	0.50	5	50			20	2	14	1.00	14		
51	ITEM 8	40	3	30	0.70	21	52	RECEPTS	20	1	15	0.50	8			
53							0	54	ITEM 22	20	1	9	0.70	6		
55					0	56	ITEM 16 WATER HEATER	20	1	15	0.70	11				
57	ITEM 19 LIGHTING	20	1	1	15.00	15	58	ITEM 19 HEAT TAPE	20	1	15	1.00	15			
59	ITEM 19	20	2	14	1.00	14	60	ITEM 19 EVAP	20	2	14	1.00	14			
61							0				62					0
63	ITEM 1 LIGHTING	20	1	1	15.00	15	64	ITEM 1 HEAT TAPE	20	1	15	1.00	15			
65	ITEM 1	20	2	14	1.00	14	66	ITEM 1 EVAP	20	2	14	1.00	14			
67							0				68					0
69	ITEM 34 COOKING HOOD	20	1	15	0.70	11	70	ITEM 34 LIGHTING	20	1	15	0.70	11			
71	SHUNT TRIP SPACE					0	72	SHUNT TRIP SPACE					0			
73	ITEM 29 RATIONAL OVEN	20	1	5	0.70	4	74	ITEM 31.5 CHIEF BASE	20	1	8	1.00	8			
75	SHUNT TRIP SPACE					0	76	SHUNT TRIP SPACE					0			
77	ITEM 28 PIZZA OVEN	60	3	50	0.70	35	78	ITEM 28.5 PIZZA OVEN	60	3	50	0.70	35			
79							0				80					0
81											0	82				
83	SHUNT TRIP SPACE					0	84	SHUNT TRIP SPACE					0			

Section 2
 Tot Amps/PH - Connected Load 124.00
 Demand Factor 85.35%
 Total Amps/PH - Demand 105.83
 Connected KVA 44.82
 Demand KVA 38.08
 Min. Panel Size (Demand x 1.25) - Amps 132.29

NOTES:
 1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
 2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52

Total Combined Load
 Tot Amps/PH - Connected Load 263.73
 Demand Factor 0.758836
 Total Amps/PH - Demand 196.33
 Connected KVA 94.90
 Demand KVA 70.65
 Min. Panel Size (Demand x 1.25) - 245.42

YANKEE LANES RENOVATIONS
 PORTLAND, MAINE
 POWER PLAN

Date Drawn -
 Drawn By -
 Revised - 03/24/16 - PERMIT
 Project # 3871
 Scale - AS NOTED
 Sheet Number - E100