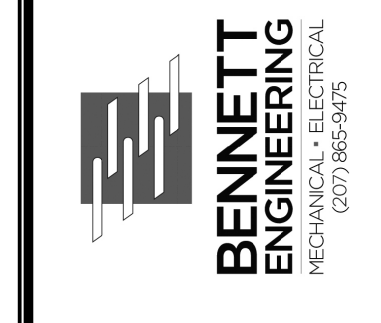


Prepared For:



Consultant:

Architect:

Project: 62 India Street

NEWBURY / HANCOCK ST., PORTLAND ME

Revisions:

Scale: 1/8" = 1'-0" or AS NOTED

Date: 11/18/16

ISSUED FOR PERMIT

PANEL SCHEDULES

E4.3

PANEL A (MIXED USE RM A) 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	BATHROOM RECEP	20	1			0
3	LIGHTS	20	1	15	1.00	15	4	SPARE	20	1			0
5	SPARE	20	1			0	6	SPARE	20	1			0
7	SPARE	20	1			0	8	SPARE	20	1			0
9	SPARE	20	1			0	10	SPARE	20	1			0
11	SPARE	20	1			0	12	SPARE	20	1			0
13	SPARE	20	1			0	14	SPARE	20	1			0
15	SPARE	20	1			0	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	30	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

Section 1
 Tot Amps/PH - Connected Load 10.00
 Demand Factor 100.00%
 Total Amps/PH - Demand 10.00
 Connected KVA 3.60
 Demand KVA 3.60
 Min. Panel Size (Demand x 1.25) - Amps 12.50

PANEL A (MIXED USE RM A) 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	SPARE	20	1			0	44	SPARE	20	1			0
45	SPARE	20	1			0	46	SPARE	20	1			0
47	SPARE	20	1			0	48	SPARE	20	1			0
49	SPARE	20	1			0	50	SPARE	20	1			0
51	SPARE	20	1			0	52	SPARE	20	1			0
53	SPARE	20	1			0	54	SPARE	20	1			0
55	SPARE	20	1			0	56	SPARE	20	1			0
57	SPARE	20	1			0	58	SPARE	20	1			0
59	SPARE	20	1			0	60	SPARE	20	1			0
61	SPARE	20	1			0	62	SPARE	20	1			0
63	SPARE	20	1			0	64	SPARE	20	1			0
65	SPARE	20	1			0	66	SPARE	20	1			0
67	SPARE	20	1			0	68	SPARE	20	1			0
69	SPARE	20	1			0	70	SPARE	20	1			0
71	SPARE	20	1			0	72	SPARE	20	1			0
73	SPARE	20	1			0	74	SPARE	20	1			0
75	SPARE	20	1			0	76	SPARE	20	1			0
77	SPARE	20	1			0	78	SPARE	20	1			0
79				80	0.70	56	80	SPARE	20	1			0
81	CENTRAL HVAC ON ROOF	100	3			0	82	SPARE	20	1			0
83						0	84	SPARE	20	1			0

AT - Amp Trip
 P - Poles
 A - Amps
 CA - Connected Amperes
 DF - Demand Factor (1 - .1)
 DA - Demand Amperes
 MLO - Main Lug Only
 MCB - Main Circuit Breaker

Section 2
 Tot Amps/PH - Connected Load 26.67
 Demand Factor 70.00%
 Total Amps/PH - Demand 18.67
 Connected KVA 9.60
 Demand KVA 6.72
 Min. Panel Size (Demand x 1.25) - Amps 23.33

Total Combined Load
 Tot Amps/PH - Connected Load 36.67
 Demand Factor 142.86%
 Total Amps/PH - Demand 28.67
 Connected KVA 13.19
 Demand KVA 10.32
 Min. Panel Size (Demand x 1.25) - 35.83

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

PANEL B (MIXED USE RM B) 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	SPARE	20	1			0
3	LIGHTS	20	1	15	1.00	15	4	SPARE	20	1			0
5	SPARE	20	1			0	6	SPARE	20	1			0
7	SPARE	20	1			0	8	SPARE	20	1			0
9	SPARE	20	1			0	10	SPARE	20	1			0
11	SPARE	20	1			0	12	SPARE	20	1			0
13	SPARE	20	1			0	14	SPARE	20	1			0
15	SPARE	20	1			0	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	30	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

Section 1
 Tot Amps/PH - Connected Load 10.00
 Demand Factor 100.00%
 Total Amps/PH - Demand 10.00
 Connected KVA 3.60
 Demand KVA 3.60
 Min. Panel Size (Demand x 1.25) - Amps 12.50

PANEL B (MIXED USE RM B) 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	SPARE	20	1			0	44	SPARE	20	1			0
45	SPARE	20	1			0	46	SPARE	20	1			0
47	SPARE	20	1			0	48	SPARE	20	1			0
49	SPARE	20	1			0	50	SPARE	20	1			0
51	SPARE	20	1			0	52	SPARE	20	1			0
53	SPARE	20	1			0	54	SPARE	20	1			0
55	SPARE	20	1			0	56	SPARE	20	1			0
57	SPARE	20	1			0	58	SPARE	20	1			0
59	SPARE	20	1			0	60	SPARE	20	1			0
61	SPARE	20	1			0	62	SPARE	20	1			0
63	SPARE	20	1			0	64	SPARE	20	1			0
65	SPARE	20	1			0	66	SPARE	20	1			0
67	SPARE	20	1			0	68	SPARE	20	1			0
69	SPARE	20	1			0	70	SPARE	20	1			0
71	SPARE	20	1			0	72	SPARE	20	1			0
73	SPARE	20	1			0	74	SPARE	20	1			0
75	SPARE	20	1			0	76	SPARE	20	1			0
77	SPARE	20	1			0	78	SPARE	20	1			0
79				80	0.70	56	80	SPARE	20	1			0
81	CENTRAL HVAC ON ROOF	100	3			0	82	SPARE	20	1			0
83						0	84	SPARE	20	1			0

AT - Amp Trip
 P - Poles
 A - Amps
 CA - Connected Amperes
 DF - Demand Factor (1 - .1)
 DA - Demand Amperes
 MLO - Main Lug Only
 MCB - Main Circuit Breaker

Section 2
 Tot Amps/PH - Connected Load 26.67
 Demand Factor 70.00%
 Total Amps/PH - Demand 18.67
 Connected KVA 9.60
 Demand KVA 6.72
 Min. Panel Size (Demand x 1.25) - Amps 23.33

Total Combined Load
 Tot Amps/PH - Connected Load 36.67
 Demand Factor 142.86%
 Total Amps/PH - Demand 28.67
 Connected KVA 13.19
 Demand KVA 10.32
 Min. Panel Size (Demand x 1.25) - 35.83

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

PANEL C (MIXED USE RM C) 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	SPARE	20	1			0
3	LIGHTS	20	1	15	1.00	15	4	SPARE	20	1			0
5	SPARE	20	1			0	6	SPARE	20	1			0
7	SPARE	20	1			0	8	SPARE	20	1			0
9	SPARE	20	1			0	10	SPARE	20	1			0
11	SPARE	20	1			0	12	SPARE	20	1			0
13	SPARE	20	1			0	14	SPARE	20	1			0
15	SPARE	20	1			0	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	30	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

Section 1
 Tot Amps/PH - Connected Load 10.00
 Demand Factor 100.00%
 Total Amps/PH - Demand 10.00
 Connected KVA 3.60
 Demand KVA 3.60
 Min. Panel Size (Demand x 1.25) - Amps 12.50

PANEL C (MIXED USE RM C) 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