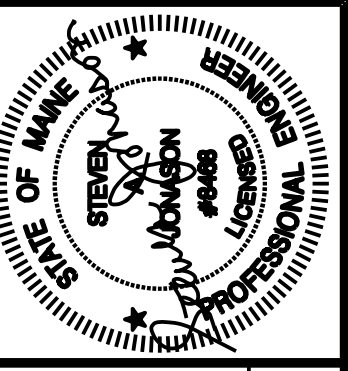
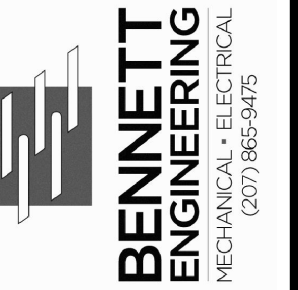


BREAKERS FOR PANELS SP AND SP2 SUPPLIED BY OTHERS



Prepared For:



Consultant:

Architect:
ARCHETYPE
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**THOMPSON'S POINT -
BRUCK SOUTH**
THOMPSON'S POINT,
PORTLAND ME

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PANEL SCHEDULES

E107

PANEL WH (WEARHOUSE WALL) SECTION 1 277/480 3PH 4W 800 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	DTT FOR PANEL HP	300	3	269	0.70	189	2	WEARHOUSE LIGHTING CIRCUIT	20	1	15	0.70	11
3				269	0.70	189	4	WEARHOUSE LIGHTING CIRCUIT	20	1	15	0.70	11
5				269	0.70	189	6	WEARHOUSE & BAR LIGHTING CIRCUIT	20	1	15	0.70	11
7				0		0	8		20	1	21	0.70	15
9				0	0.00	0	10	CUH-1 (WEARHOUSE)	25	3	21	0.70	15
11				0	0.00	0	12				21	0.70	15
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	20	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

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 1
Tot Amps/PH - Connected Load **305.23**
Demand Factor **70.28%**
Total Amps/PH - Demand **214.53**
Connected KVA **253.47**
Demand KVA **178.14**
Min. Panel Size (Demand x 1.25) - Amps **268.16**

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 HP (WAREHOUSE WALL) SECTION 1 120/208 3PH 4W 600 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	WEARHOUSE RECEIPTS	20	1	14	0.50	7	2	WEARHOUSE RECEIPTS	20	1	12	0.50	6
3	WEARHOUSE FAN	20	1	10	0.70	7	4	WEARHOUSE FAN	20	1	10	0.70	7
5	WEARHOUSE FAN	20	1	10	0.70	7	6	WEARHOUSE FAN	20	1	10	0.70	7
7	WEARHOUSE FAN	20	1	10	0.70	7	8	ROOF EQUIPMENT RECEIPTS	20	1	15	0.50	8
9	HVAC-4	30	3	23	0.70	16	10	ERV-2	100	3	99	0.70	69
11				23	0.70	16	12				99	0.70	69
13				23	0.70	16	14				99	0.70	69
15	GFUH-1 (2)	20	1	13	0.70	9	16	GFUH-1 (2)	20	1	13	0.70	9
17	GFUH-1 (2)	20	1	13	0.70	9	18	EXTERIOR BUILDING LIGHTS	20	1	15	0.70	11
19	ERV-3	100	3	99	0.70	69	20	ERV-4	100	3	99	0.70	69
21				99	0.70	69	22				99	0.70	69
23				99	0.70	69	24				99	0.70	69
25	WEARHOUSE RECEIPTS	20	1	15	0.50	8	26	ERV-5	100	3	99	0.70	69
27	WEARHOUSE RECEIPTS	20	1	15	0.50	8	28				99	0.70	69
29	SPARE	20	1			0	30				99	0.70	69
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	PANEL PP FEEDER	225	3	143	0.75	107	38	SPARE	20	1			0
39				143	0.75	107	40	SPARE	20	1			0
41				143	0.75	107	42	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 1
Tot Amps/PH - Connected Load **619.70**
Demand Factor **70.32%**
Total Amps/PH - Demand **435.77**
Connected KVA **222.89**
Demand KVA **156.81**
Min. Panel Size (Demand x 1.25) - Amps **544.71**

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 WH (WEARHOUSE WALL) SECTION 1 277/480 3PH 4W 400 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA		
1	DTT FOR PANEL SP2	100	3	0		0	2	SPACE					0		
3				0	0.00	0	4	SPACE					0		
5				0	0.00	0	6	SPACE					0		
7				SPACE	20	1			0	8	SPACE				0
9				SPACE	20	1			0	10	SPACE				0
11	SPACE	20	1			0	12	SPACE				0			
13	SPACE	20	1			0	14	SPACE				0			
15	SPACE	20	1			0	16	SPACE				0			
17	SPACE	20	1			0	18	SPACE				0			
19	SPACE	20	1			0	20	SPACE				0			
21	SPACE	20	1			0	22	SPACE				0			
23	SPACE	20	1			0	24	SPACE				0			
25	SPACE	20	1			0	26	SPACE				0			
27	SPACE	20	1			0	28	SPACE				0			
29	SPACE	20	1			0	30	SPACE				0			
31	SPACE	20	1			0	32	SPACE				0			
33	SPACE	20	1			0	34	SPACE				0			
35	SPACE	20	1			0	36	SPACE				0			
37	SPACE	20	1			0	38	SPACE				0			
39	SPACE	20	1			0	40	SPACE				0			
41	SPACE	20	1			0	42	SPACE				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 1
Tot Amps/PH - Connected Load **0.00**
Demand Factor **#DIV/0!**
Total Amps/PH - Demand **0.00**
Connected KVA **0.00**
Demand KVA **0.00**
Min. Panel Size (Demand x 1.25) - Amps **0.00**

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 SP2 (WAREHOUSE HALL) SECTION 1 120/208 3PH 4W 225 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	SPACE					0	2	SPACE					0
3	SPACE					0	4	SPACE					0
5	SPACE					0	6	SPACE					0
7	SPACE					0	8	SPACE					0
9	SPACE					0	10	SPACE					0
11	SPACE					0	12	SPACE					0
13	SPACE					0	14	SPACE					0
15	SPACE					0	16	SPACE					0
17	SPACE					0	18	SPACE					0
19	SPACE					0	20	SPACE					0
21	SPACE					0	22	SPACE					0
23	SPACE					0	24	SPACE					0
25	SPACE					0	26	SPACE					0
27	SPACE					0	28	SPACE					0
29	SPACE					0	30	SPACE					0
31	SPACE					0	32	SPACE					0
33	SPACE					0	34	SPACE					0
35	SPACE					0	36	SPACE					0
37	SPACE					0	38	SPACE					0
39	SPACE					0	40	SPACE					0
41	SPACE					0	42	SPACE					0

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

Section 1
Tot Amps/PH - Connected Load **0.00**
Demand Factor **#DIV/0!**
Total Amps/PH - Demand **0.00**
Connected KVA **0.00**
Demand KVA **0.00**
Min. Panel Size (Demand x 1.25) - Amps **0.00**

PANEL SP2 (WAREHOUSE HALL) SECTION 2 120/208 3PH 4W 225 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	SPACE					0	44	SPACE					0
45	SPACE					0	46	SPACE					0
47	SPACE					0	48	SPACE					0
49	SPACE					0	50	SPACE					0
51	SPACE					0	52	SPACE					0
53	SPACE					0	54	SPACE					0
55	SPACE					0	56	SPACE					0
57	SPACE					0	58	SPACE					0
59	SPACE					0	60	SPACE					0
61	SPACE					0	62	SPACE					0
63	SPACE					0	64	SPACE					0
65	SPACE					0	66	SPACE					0
67	SPACE					0	68	SPACE					0
69	SPACE					0	70	SPACE					0
71	SPACE					0	72	SPACE					0
73	SPACE					0	74	SPACE					0
75	SPACE					0	76	SPACE					0
77	SPACE					0	78	SPACE					0
79	SPACE												