

PANEL 1BR TP (TENANT WALL) SECTION 1 120/208 1PH 3W 100 AMP BUS - MLO 42K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	FRIDGE	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	4						0
5	KITCHEN COUNTER RECEIPT & OVEN FAN	20	1	5	0.50	3	6	GARBAGE DISPOSAL	20	1	12	0.50	6
7	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	8	DISHWASHER	20	1	12	0.50	6
9	BEDROOM RECEIPTS	20	1	9	0.50	5	10	LIVING & DINING ROOM RECEIPTS	20	1	9	0.50	5
11	BATHROOM RECEIPT	20	1	2	0.50	1	12	FIREPLACE	20	1	10	1.00	10
13							14	WASHER	20	1	12	0.50	6
15	DRYER	30	2	22	0.50	11	16	KITCHEN COUNTER RECEIPT	20	1	3	0.50	2
17							18						0
19	WATER HEATER	30	2	22	0.50	11	20	UNIT SCU & ALL SAC's	20	2	16	0.70	11
21	UNIT LIGHTING	20	1	12	0.70	8	22						0
23	SPACE						24	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 64.83
Demand Factor 59.05%
Total Amps/PH - Demand 38.28
Connected KVA 23.33
Demand KVA 13.78
Min. Panel Size (Demand x 1.25) - Amps 47.85

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
3. MOUNT PANEL IN ACCESSIBLE UNITS PER ADA REQUIREMENTS

PANEL 1BR wSTUDY TP (TENANT WALL) SECTION 1 120/208 1PH 3W 100 AMP BUS - MLO 42K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	FRIDGE	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	4						0
5	KITCHEN COUNTER RECEIPT & OVEN FAN	20	1	5	0.50	3	6	GARBAGE DISPOSAL	20	1	12	0.50	6
7	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	8	DISHWASHER	20	1	12	0.50	6
9	BEDROOM RECEIPTS	20	1	9	0.50	5	10	LIVING & DINING ROOM RECEIPTS	20	1	9	0.50	5
11	BATHROOM RECEIPT	20	1	2	0.50	1	12	FIREPLACE	20	1	10	1.00	10
13							14	WASHER	20	1	12	0.50	6
15	DRYER	30	2	22	0.50	11	16	KITCHEN COUNTER RECEIPT	20	1	3	0.50	2
17							18	STUDY RECEIPTS	20	1	9	0.50	5
19	WATER HEATER	30	2	22	0.50	11	20						0
21	UNIT LIGHTS	20	1	12	0.70	8	22	UNIT SCU & ALL SAC's	20	2	16	0.70	11
23	SPACE						24	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 67.83
Demand Factor 58.65%
Total Amps/PH - Demand 39.75
Connected KVA 24.41
Demand KVA 14.32
Min. Panel Size (Demand x 1.25) - Amps 49.73

NOTES:
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2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52
3. MOUNT PANEL IN ACCESSIBLE UNITS PER ADA REQUIREMENTS

PANEL 2BR TP (TENANT WALL) SECTION 1 120/208 1PH 3W 100 AMP BUS - MLO 42K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	FRIDGE	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	4						0
5	KITCHEN COUNTER RECEIPT & OVEN FAN	20	1	5	0.50	3	6	GARBAGE DISPOSAL	20	1	12	0.50	6
7	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	8	DISHWASHER	20	1	12	0.50	6
9	BEDROOM RECEIPTS	20	1	8	0.50	4	10	LIVING & DINING ROOM RECEIPTS	20	1	14	0.50	7
11	BATHROOM RECEIPT	20	1	2	0.50	1	12	FIREPLACE	20	1	10	1.00	10
13							14	MASTER BEDROOM RECEIPTS	20	1	11	0.50	5
15	DRYER	30	2	22	0.50	11	16	MASTER BATH RECEIPT	20	1	2	0.50	1
17							18	WASHER	20	1	12	0.50	6
19	WATER HEATER	30	2	22	0.50	11	20						0
21	UNIT LIGHTING	20	1	12	0.70	8	22	UNIT SCU & ALL SAC's	20	2	16	0.70	11
23	SPACE						24	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 68.83
Demand Factor 58.52%
Total Amps/PH - Demand 40.28
Connected KVA 24.77
Demand KVA 14.50
Min. Panel Size (Demand x 1.25) - Amps 50.35

NOTES:
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3. MOUNT PANEL IN ACCESSIBLE UNITS PER ADA REQUIREMENTS

PANEL 3BR TP (TENANT WALL) SECTION 1 120/208 1PH 3W 100 AMP BUS - MLO 42K AIC NEMA TYPE 1 (RECESSED)

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1	FRIDGE	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
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7	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	8	DISHWASHER	20	1	12	0.50	6
9	BEDROOM RECEIPTS	20	1	8	0.50	4	10	LIVING & DINING ROOM RECEIPTS	20	1	14	0.50	7
11	BATHROOM RECEIPT	20	1	2	0.50	1	12	FIREPLACE	20	1	10	1.00	10
13							14	MASTER BEDROOM RECEIPTS	20	1	11	0.50	5
15	DRYER	30	2	22	0.50	11	16	MASTER BATH RECEIPT	20	1	2	0.50	1
17							18	WASHER	20	1	12	0.50	6
19	WATER HEATER	30	2	22	0.50	11	20	BEDROOM RECEIPTS	20	1	8	0.50	4
21	UNIT LIGHTS	20	1	12	0.70	8	22						0
23	SPACE						24	UNIT SCU & ALL SAC's	20	2	16	0.70	11

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 71.33
Demand Factor 58.22%
Total Amps/PH - Demand 41.53
Connected KVA 25.67
Demand KVA 14.95
Min. Panel Size (Demand x 1.25) - Amps 51.92

NOTES:
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3. MOUNT PANEL IN ACCESSIBLE UNITS PER ADA REQUIREMENTS

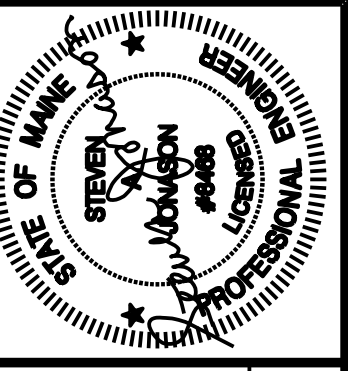
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7	KITCHEN COUNTER RECEIPT	20	1	2	0.50	1	8	DISHWASHER	20	1	12	0.50	6
9	BEDROOM RECEIPTS	20	1	8	0.50	4	10	LIVING & DINING ROOM RECEIPTS	20	1	14	0.50	7
11	BATHROOM RECEIPT	20	1	2	0.50	1	12	FIREPLACE	20	1	10	1.00	10
13							14	MASTER BEDROOM RECEIPTS	20	1	11	0.50	5
15	DRYER	30	2	22	0.50	11	16	MASTER BATH RECEIPT	20	1	2	0.50	1
17							18	WASHER	20	1	12	0.50	6
19	WATER HEATER	30	2	22	0.50	11	20	BEDROOM RECEIPTS	20	1	8	0.50	4
21	UNIT LIGHTS	20	1	12	0.70	8	22						0
23	SPACE						24	UNIT SCU & ALL SAC's	20	2	16	0.70	11

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Min. Panel Size (Demand x 1.25) - Amps 51.92

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3. MOUNT PANEL IN ACCESSIBLE UNITS PER ADA REQUIREMENTS



Prepared For:

Consultant:

Architect:

Project:

Revisions:

Date: 11/18/16

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

62 India Street

NEWBURY / HANCOCK ST., PORTLAND ME

ISSUED FOR PERMIT

PANEL SCHEDULES

E4.4