PANEL TP201, TP301 (LAUNDRY WALL) 120/208 1PH 3W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	REFRIGERATOR	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	COUNTER RECEPTS	20	1	3	0.50	2	4				32	0.50	16
5	COUNTER RECEPT & RANGE HOOD	20	1	5	0.50	2	6	DISHWASHER	20	1	12	0.50	6
7	GARBAGE DISPOSAL	20	1	10	0.50	5	8	KITCHEN, FOYER, DECK & DINING RECEPTS	20	1	9	0.50	5
9	PRIMARY BEDROOM RECEPTS	20	1	12	0.50	6	10	DINING & LIVING RM RECEPTS	20	1	9	0.50	5
11	PRIMARY BATH RECEPTS	20	1	2	0.50	1	12	GUEST ROOM RECEPTS	20	1	9	0.50	5
13	RECEPT	20	1	2	0.50	1	14	BATH ROOM RECEPT	20	1	2	0.50	1
15	SPACE					0	16	RADIANT HEAT	15	2	5	0.50	3
17	LAUNDRY COUNTER RECEPT	20	1	2	0.50	1	18				5	0.50	3
19	DRYER	30	2	22	0.50	11	20	WATER HEATER & CP-1	20	1	3	0.70	2
21				22	0.50	11	22	SPACE					0
23	WASHER & DBF	20	1	15	0.50	8	24	SPACE					0
25	FIERPLACE	20	1	4	1.00	4	26	UNIT LIGHTS	20	1	12	1.00	12
27	SCU-201A & SAC-201A SCU-301A & SAC-301A	40	2	28	0.50	14	28	UNIT LIGHTS	20	1	12	1.00	12
29				28	0.50	14	30	SCU-201B & SAC-201B SCU-301B & SAC-301B	40	2	31	0.50	16
31	HC-201A & HC-301A	30	2	24	0.70	17	32				31	0.50	16
33				24	0.70	17	34	HC-201B & HC-301B	50	2	30	0.50	15
35	SPACE					0	36				30	0.50	15
37	SPACE					0	38	KSH-1 KITCHEN ISLAND	20	1	10	0.50	5
39	SPACE					0	40	SPACE					0
41	SPACE					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

Tot Amps/PH - Connected Load	**244.50**
Demand Factor	**56.38%**
Total Amps/PH - Demand	**137.85**
Connected KVA	**58.68**
Demand KVA	**33.08**

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. INSTALL PER ADA REQUIREMENTS IN ALL ADA UNITS.

PANEL TP202, TP302 (BEDROOM WALL) 120/208 1PH 3W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	REFRIGERATOR	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	COUNTER RECEPTS	20	1	3	0.50	2	4				32	0.50	16
5	COUNTER RECEPT & RANGE HOOD	20	1	5	0.50	2	6	DISHWASHER	20	1	12	0.50	6
7	GARBAGE DISPOSAL	20	1	10	0.50	5	8	KITCHEN, FOYER, & HALL RECEPTS	20	1	14	0.50	7
9	PRIMARY BEDROOM RECEPTS	20	1	11	0.50	5	10	LIVING RM & DECK RECEPTS	20	1	9	0.50	5
11	PRIMARY BATH RECEPTS	20	1	2	0.50	1	12	GUEST ROOM RECEPTS	20	1	9	0.50	5
13	BATHROOM RECEPT	20	1	2	0.50	1	14	BATH ROOM RECEPT	20	1	2	0.50	1
15	ISLAND RECEPT	20	1	2	0.50	1	16	ELECTRIC RADIANT HEAT	15	2	5	0.50	3
17	LAUNDRY COUNTER RECEPT	20	1	2	0.50	1	18				5	0.50	3
19	DRYER	30	2	22	0.50	11	20	WATER HEATER & CP-1	20	1	8	0.70	6
21				22	0.50	11	22	SPACE					0
23	WASHER & DBF	20	1	15	0.50	8	24	SPACE					0
25	FIERPLACE	20	1	4	1.00	4	26	UNIT LIGHTS	20	1	12	1.00	12
27	SPACE					0	28	UNIT LIGHTS	20	1	12	1.00	12
29	SPACE					0	30	SCU-202 & SAC-202 SCU-302 & SAC-302	40	2	31	0.50	16
31	SPACE					0	32				31	0.50	16
33	SPACE					0	34	HC-202B & HC-302B	50	2	30	0.50	15
35	HC-202A & HC-302A	30	2	24	0.70	17	36				30	0.50	15
37				24	0.70	17	38	SPACE					0
39	SPACE					0	40	SPACE					0
41	SPACE					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

Tot Amps/PH - Connected Load	**216.55**
Demand Factor	**57.43%**
Total Amps/PH - Demand	**124.38**
Connected KVA	**51.97**
Demand KVA	**29.85**

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. INSTALL PER ADA REQUIREMENTS IN ALL ADA UNITS.

PANEL TP203, TP303 (BEDROOM WALL) 120/208 1PH 3W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1.00	REFRIGERATOR	20.00	1.00	14.00	1.00	14.00	2.00	RANGE	50.00	2.00	32.00	0.50	16.00
3.00	COUNTER RECEPTS	20.00	1.00	3.00	0.50	1.50	4.00				32.00	0.50	16.00
5.00	COUNTER RECEPT & RANGE HOOD	20.00	1.00	4.50	0.50	2.25	6.00	DISHWASHER	20.00	1.00	12.00	0.50	6.00
7.00	GARBAGE DISPOSAL	20.00	1.00	10.00	0.50	5.00	8.00	KITCHEN, FOYER, & HALL RECEPTS	20.00	1.00	12.00	0.50	6.00
9.00	PRIMARY BEDROOM RECEPTS	20.00	1.00	10.50	0.50	5.25	10.00	DINING & LIVING ROOM RECEPTS	20.00	1.00	6.00	0.50	3.00
11.00	PRIMARY BATH RECEPTS	20.00	1.00	1.50	0.50	0.75	12.00	DINING & LIVING ROOM RECEPTS	20.00	1.00	6.00	0.50	3.00
13.00	PRIMARY BATH KSH-2	20.00	1.00	9.40	0.50	4.70	14.00	GUEST BEDROOM RECEPTS	20.00	1.00	8.00	0.50	4.00
15.00	ISLAND RECEPT	20.00	1.00	1.50	0.50	0.75	16.00	SPACE					-
17.00	LAUNDRY COUNTER RECEPT	20.00	1.00	1.50	0.50	0.75	18.00	SPACE					-
19.00	DRYER	30.00	2.00	22.00	0.50	11.00	20.00	WATER HEATER & CP-1	20.00	1.00	8.00	0.70	5.60
21.00				22.00	0.50	11.00	22.00	BATH ROOM RECEPTS	20.00	1.00	3.00	0.50	1.50
23.00	WASHER & DBF	20.00	1.00	15.00	0.50	7.50	24.00	BATH ROOM KSH-2	20.00	1.00	9.40	0.50	4.70
25.00	FIERPLACE	20.00	1.00	4.00	1.00	4.00	26.00	UNIT LIGHTS	20.00	1.00	12.00	1.00	12.00
27.00	SCU-203A & SAC-203A SCU-303A & SAC-303A	40.00	2.00	27.70	0.50	13.85	28.00	UNIT LIGHTS	20.00	1.00	12.00	1.00	12.00
29.00				27.70	0.50	13.85	30.00	SPACE					-
31.00	KSH-1 KITCHEN ISLAND	20.00	1.00	10.00	0.50	5.00	32.00	SPACE					-
33.00	KSH-2 BATHROOM	20.00	1.00	13.00	0.50	6.50	34.00	HC-203B & HC-303B	50.00	2.00	30.00	0.50	15.00
35.00	HC-203 & HC-303	30.00	2.00	24.00	0.70	16.80	36.00				30.00	0.50	15.00
37.00				24.00	0.70	16.80	38.00	HC-203C & HC-303C	20.00	2.00	15.00	0.70	10.50
39.00	ELECTRIC RADIANT HEAT	15.00	2.00	5.00	0.50	2.50	40.00				15.00	0.70	10.50
41.00				5.00	0.50	2.50	42.00	SPACE					-

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

Tot Amps/PH - Connected Load	**248.85**
Demand Factor	**0.58**
Total Amps/PH - Demand	**143.53**
Connected KVA	**59.72**
Demand KVA	**34.45**

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. INSTALL PER ADA REQUIREMENTS IN ALL ADA UNITS.

PANEL TP401 (LAUNDRY RM WALL) 120/208 1PH 3W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	REFRIGERATOR	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	COUNTER RECEPTS	20	1	3	0.50	2	4				32	0.50	16
5	COUNTER RECEPT & RANGE HOOD	20	1	7	0.50	4	6	DISHWASHER	20	1	12	0.50	6
7	GARBAGE DISPOSAL	20	1	10	0.50	5	8	KITCHEN & DINING RECEPTS	20	1	12	0.50	6
9	PRIMARY BEDROOM RECEPTS	20	1	9	0.50	5	10	LIVING RM RECEPTS	20	1	6	0.50	3
11	PRIMARY BATHROOM RECEPTS	20	1	3	0.50	2	12	GUEST ROOM RECEPTS	20	1	9	0.50	5
13	BED/ OFFICE/ EXERCISE RM RECEPTS	20	1	8	0.50	4	14	GUEST BATHROOM RECEPT	20	1	2	0.50	1
15	FOYER & HALL RECEPTS	20	1	5	0.50	3	16	DEN / OFFICE RECEPTS	20	1	9	0.50	5
17	POWDER RM RECEPT	20	1	3	0.50	2	18	RADIANT HEAT	20	1	7	0.50	4
19	DRYER	30	2	22	0.50	11	20	WATER HEATER	20	1	6	0.70	4
21				22	0.50	11	22	MEZZ KSH-1	20	1	13	0.50	7
23	WASHER	20	1	15	0.50	8	24	MEZZ KSH-2	20	1	10	0.50	5
25	FIERPLACE	20	1	4	1.00	4	26	UNIT LIGHTS	20	1	12	1.00	12
27	MEZZ RECEPTS	20	1	6	0.50	3	28	UNIT LIGHTS	20	1	12	1.00	12
29	MEZZ MINI FRIDGE	20	1	10	1.00	10	30	MEZZ BATHROOM RECEPT	20	1	2	0.50	1
31	MEZZ COUNTER RECEPT	20	1	2	0.50	1	32	SCU-401B & SAC-401B	40	2	31	0.50	16
33	SCU-401A & SAC-401A	40	2	28	0.50	14	34				31	0.50	16
35				28	0.50	14	36	SCU-401C & SAC-401C	40	2	29	0.50	15
37	KITCHEN ISLAND KSH-1	20	1	13	0.50	7	38				29	0.50	15
39	HC-401A & HC-401B	100	2	76	0.70	53	40	ISLAND RECEPT	20	1	2	0.50	1
41				76	0.70	53	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

Tot Amps/PH - Connected Load	**330.75**
Demand Factor	**58.71%**
Total Amps/PH - Demand	**194.18**
Connected KVA	**79.38**
Demand KVA	**46.60**

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. INSTALL PER ADA REQUIREMENTS IN ALL ADA UNITS.

PANEL TP402 (POWDER RM WALL) 120/208 1PH 3W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)

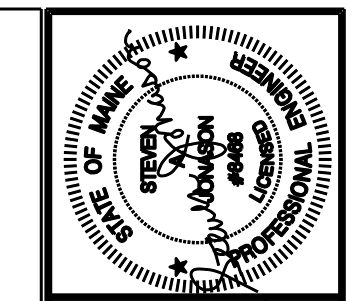
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	REFRIGERATOR	20	1	14	1.00	14	2	RANGE	50	2	32	0.50	16
3	COUNTER RECEPTS	20	1	3	0.50	2	4				32	0.50	16
5	COUNTER RECEPT & RANGE HOOD	20	1	7	0.50	4	6	DISHWASHER	20	1	12	0.50	6
7	GARBAGE DISPOSAL	20	1	10	0.50	5	8	DINING RECEPTS	20	1	8	0.50	4
9	PRIMARY BEDROOM RECEPTS	20	1	9	0.50	5	10	LIVING RM & DECK RECEPTS	20	1	9	0.50	5
11	PRIMARY BATHROOM RECEPTS	20	1	3	0.50	2	12	GUEST ROOM RECEPTS	20	1	9	0.50	5
13	BED/ OFFICE/ EXERCISE RM RECEPTS	20	1	8	0.50	4	14	GUEST BATHROOM RECEPT	20	1	2	0.50	1
15	FOYER & HALL RECEPTS	20	1	5	0.50	3	16	DEN / OFFICE RECEPTS	20	1	9	0.50	5
17	POWDER RM RECEPT	20	1	3	0.50	2	18	RADIANT HEAT & KSH-1	20	1	7	0.50	4
19	DRYER	30	2	22	0.50	11	20	WATER HEATER	20	1	6	0.70	4
21				22	0.50	11	22	MEZZ KSH-1	20	1	13	0.50	7
23	WASHER	20	1	15	0.50	8	24	MEZZ KSH-2	20	1	10	0.50	5
25	FIERPLACE	20	1	4	1.00	4	26	UNIT LIGHTS	20	1	12	1.00	12
27	MEZZ RECEPTS	20	1	6	0.50	3	28	UNIT LIGHTS	20	1	12	1.00	12
29	MEZZ MINI FRIDGE	20	1	10	1.00	10	30	MEZZ BATHROOM RECEPT	20	1	2	0.50	1
31	MEZZ COUNTER RECEPT	20	1	2	0.50	1	32	SCU-402B & SAC-402B	40	2	31	0.50	16
33	SCU-402A & SAC-402A	40	2	28	0.50	14	34				31	0.50	16
35				28	0.50	14	36	SCU-402C & SAC-402C	40	2	29	0.50	15
37	BATHROOM KSH-2	20	1	10	0.50	5	38				29	0.50	15
39	HC-402A, HC-402B, HC-402C & HC-402D	100	2	68	0.70	48	40	RECEPT	20	1	2	0.50	1
41				68	0.70	48	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

Tot Amps/PH - Connected Load	**320.75**
Demand Factor	**58.48%**
Total Amps/PH - Demand	**187.58**
Connected KVA	**76.98**
Demand KVA	**45.02**

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. INSTALL PER ADA REQUIREMENTS IN ALL ADA UNITS.



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Revisions:
06-11-15 ADDENDUM #1

Scale: As indicated

Date: 22 May, 2015

UNIT PANELS

E3.2