GENERAL NOTE

1. CONTRACTOR SHALL WIRE EF-4 FOR CONTINUOUS LOW SPEED OPERATION WITH RAMP UP WHEN RECIRC HOOD IS TURNED ON. REFER TO MANUFACTURERS WIRING DIAGRAM.

SECOND FLOOR PLAN

SCALE: 1/4"=1'-0"

PANEL UNIT TP (BEDROOM WALL) 120/208 1PH 3W 100 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 RECEPT AND RANGE HOOD	20	1	5	0.50	3	4				32	0.50	16
5	COUNTER RECEPT	20	1	2	0.50	1	6	UNIT LIGHTS	20	1	2	1.00	2
7	RECEPTS	20	1	5	0.50	3	8	BATHROOM RECEPT	20	1	2	0.50	1
9	RECEPTS	20	1	6	0.50	3	10	SPACE					0
11	SPACE					0	12	SPACE					0

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

Tot Amps/PH - Connected Load	**49.50**
Demand Factor	**58.08%**
Total Amps/PH - Demand	**28.75**
Connected KVA	**10.30**
Demand KVA	**5.98**
Min. Panel Size (Demand x 1.25) - Amps	**35.94**

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.

CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 07/27/15

Prepared For:

Consulting Engineer:
BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

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

Project:
134 WASHINGTON AVENUE
1 FOLEY FARM ROAD
SCARBOROUGH, MAINE

Revisions:
10/17/14 - BID SET

Scale: As Noted

Date: Oct. 17, 2014

SECOND FLOOR POWER PLAN

E302