

**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.

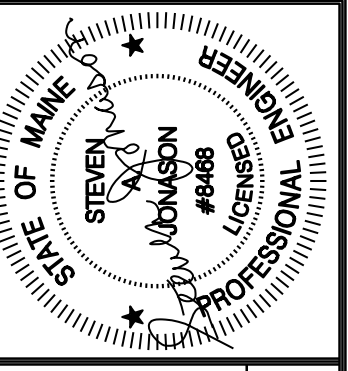
**SECOND FLOOR PLAN**  
 SCALE: 1/4"=1'-0"

PANEL UNIT TP (BEDROOM WALL) 120/208 1PH 3W 100 AMP BUS - MLO 22K A/C 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 RECEIPT AND RANGE HOOD	20	1	5	0.50	3	4				32	0.50	16
5	COUNTER RECEIPT	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 RECEIPT	20	1	2	0.50	1
9	RECEPTS	20	1	6	0.50	3	10	SPACE					0
11	SPACE					0	12	SPACE					0

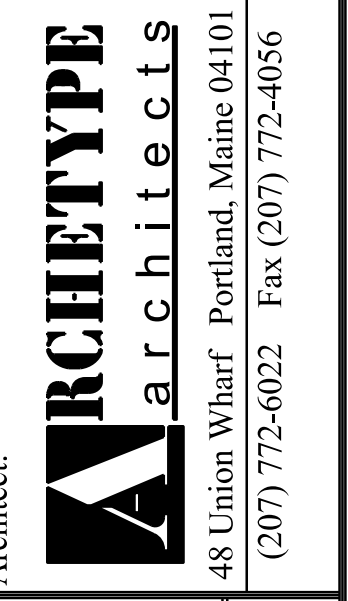
AT - Amp Trip  
 P - Poles  
 A - Amps  
 CA - Connected Amperes  
 DF - Demand Factor (1 - .1)  
 DA - Demand Amperes  
 MLO - Main Lug Only

**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.



Prepared For:



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

Revisions:  
 10/17/14 - BID SET

Date: Oct. 17, 2014  
 Scale: As Noted  
**SECOND FLOOR POWER PLAN**

**E302**