

IRC: duplex 3 stories or less

THIS IS AN AMENDMENT TO THE ORIGINAL PERMIT APPLICATION. THE AMENDMENT IS TO MOVE UNIT #1 FROM THE FIRST FLOOR TO THE SECOND FLOOR AND TO MAKE THE FIRST FLOOR A COMMON SPACE FOR BOTH UNITS. THE REASON FOR THIS AMENDMENT IS BECAUSE UNIT #1 BECAME VERY SMALL WHEN THE BUILDING FOOTPRINT WAS REDUCED IN SIZE. I AM APPLYING FOR THIS AMENDMENT TO MOVE UNIT #1 TO THE NEXT FLOOR WHERE IT WILL HAVE MORE SPACE AND LIGHT. ALL OTHER FLOORS TO REMAIN THE SAME.

Building Code Brief Summary Area Table

First Floor	789sf
Second Floor	910sf
Third Floor	910sf
Mezzanine	133sf
TOTAL	2742sf

Garage area	238sf
Common Space	326sf
Studio Unit	395sf
Townhouse Unit	1558sf

Sprinkler System NFPA 13R
Number of exits 1

NFPA
Residential, Duplex
NFPA 13R
20 people
Any construction type 1

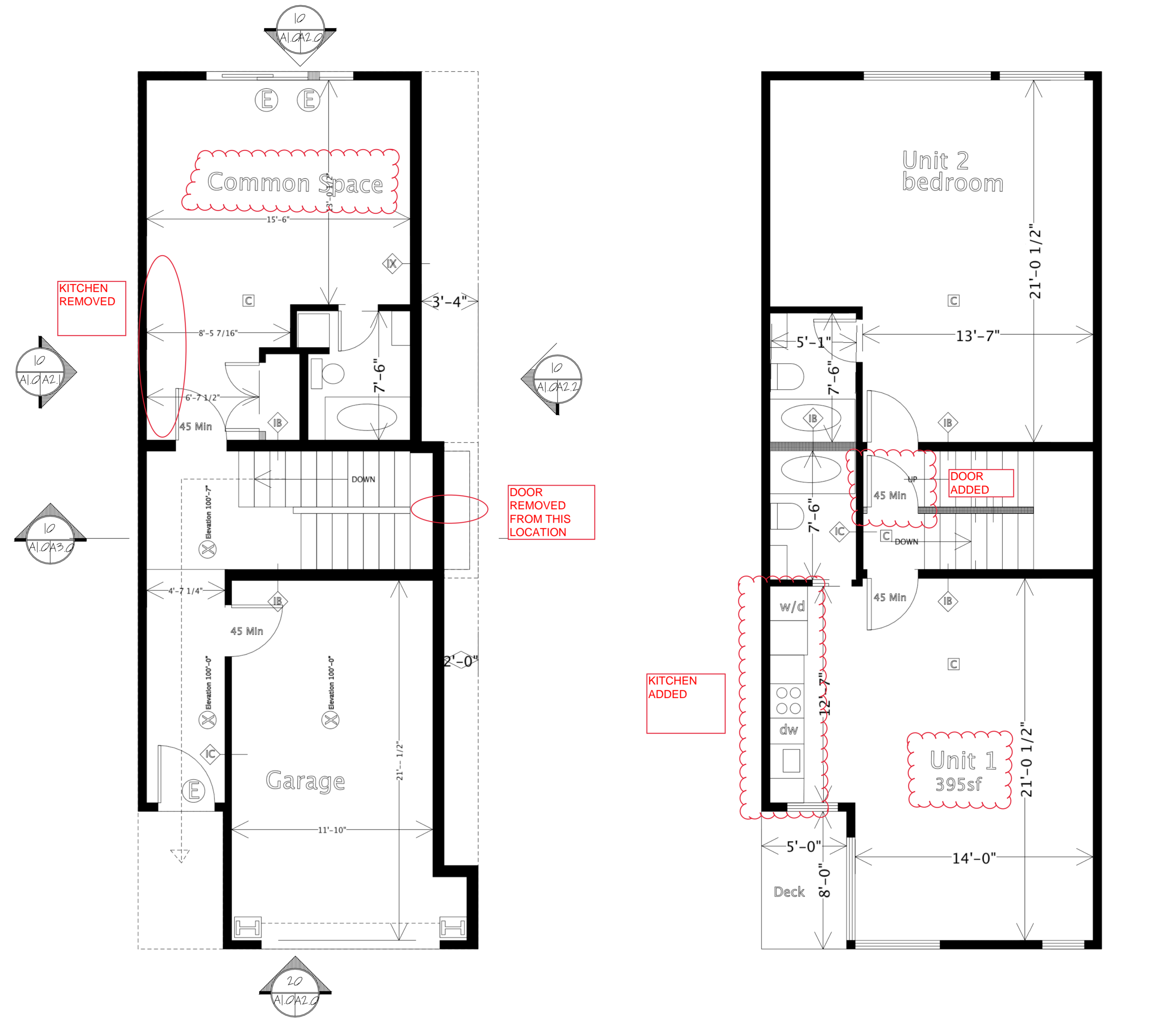
IECC - Climate Zone 6
402.1.1 Fenestration U-Factor 0.35
Ceiling R-Value 49
Wall R-Value 20
Slab R-Value 10

NFPA 101
3.3.32.5 New Building
6.1.8.1 Residential Occupancy
6.1.8.1.1 Two-Family Dwelling Unit
6.2.2.3 Ordinary Hazard of Contents
7.3.1 Occupancy load: 200
gross 2863sf
20 occupants

**REScheck: 48 Hancock St.

Component	Assembly	Gross Area/ Slab Perimeter	Cavity Insulation R-Value	Continuous Insulation R-Value	U-Factor	Depth of Insulation
Ceiling	Flat or Scissor Truss	1020 ft2		52	44	0.011
Wall	Wood Frame, 16 OC	5182 ft2	38.1		32	0.016
Window	Fiberglass	576 ft2				0.35
Entry Door	Glass	24 ft2				0.35
Garage Door	Solid	90 ft2				0.13
Floor	Heated Slab-On-Grade	142 ft			12	0.998 .25 ft
RESULTS	PASSES: 27.4%					
MAX UA: 617	YOUR UA: 448					

**Complete report as an attached document to this permit application



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY

	EMERGENCY LIGHTING
	SMOKE DETECTOR
	CO/SMOKE DETECTOR
	EXIT DISCHARGE
	1 HOUR RATED FLOOR ASSEMBLY (UL-574 ASSEMBLY)

- IA** Wall Type IA (1-Hour Rated)
5/8" GWB
2X6 Wood Framing
5/8" GWB
- IB** Wall Type IB (1-Hour Rated)
5/8" GWB
3/4" Plywood
2X4 Wood Framing
3/4" Plywood
5/8" GWB
- IC** Wall Type IC (1-Hour Rated)
5/8" GWB
2X4 Wood Framing
5/8" GWB
- IX** Wall Type IX (1-Hour Rated, R-38.1)
Metal Siding
1/2" Plywood Sheathing
5/8" GWB
2X6 Wood Framing
5.5" high density spray foam (R-35.75)
5/8" GWB
- E** Egress Window or Door
- 1 Hour Rated Floor Assembly (UL-574) All Floors

Sunny Time Solar
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PROJECT NO. **14035**
PROJECT NAME **48 HANCOCK STREET PORTLAND, MAINE**

REVISIONS

1	-	3/2/17
2		
3		
4		
5		

Amendment DOCUMENTS

DRAWN BY **LRC**
DATE **9/29/16**
SHEET SCALE **1/4" = 1'-0"**

PLANS
A
1.0