

IRC: duplex 3 stories or less

**Building Code Brief Summary Area Table**

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

TOTAL 2742sf

Garage area	258sf
Studio Unit	326sf
Townhouse Unit	1953sf

NFPA Residential, Duplex	
Sprinkler System	NFPA 13R
Number of exits	1
NFPA 13R 20 people Any construction type 1	

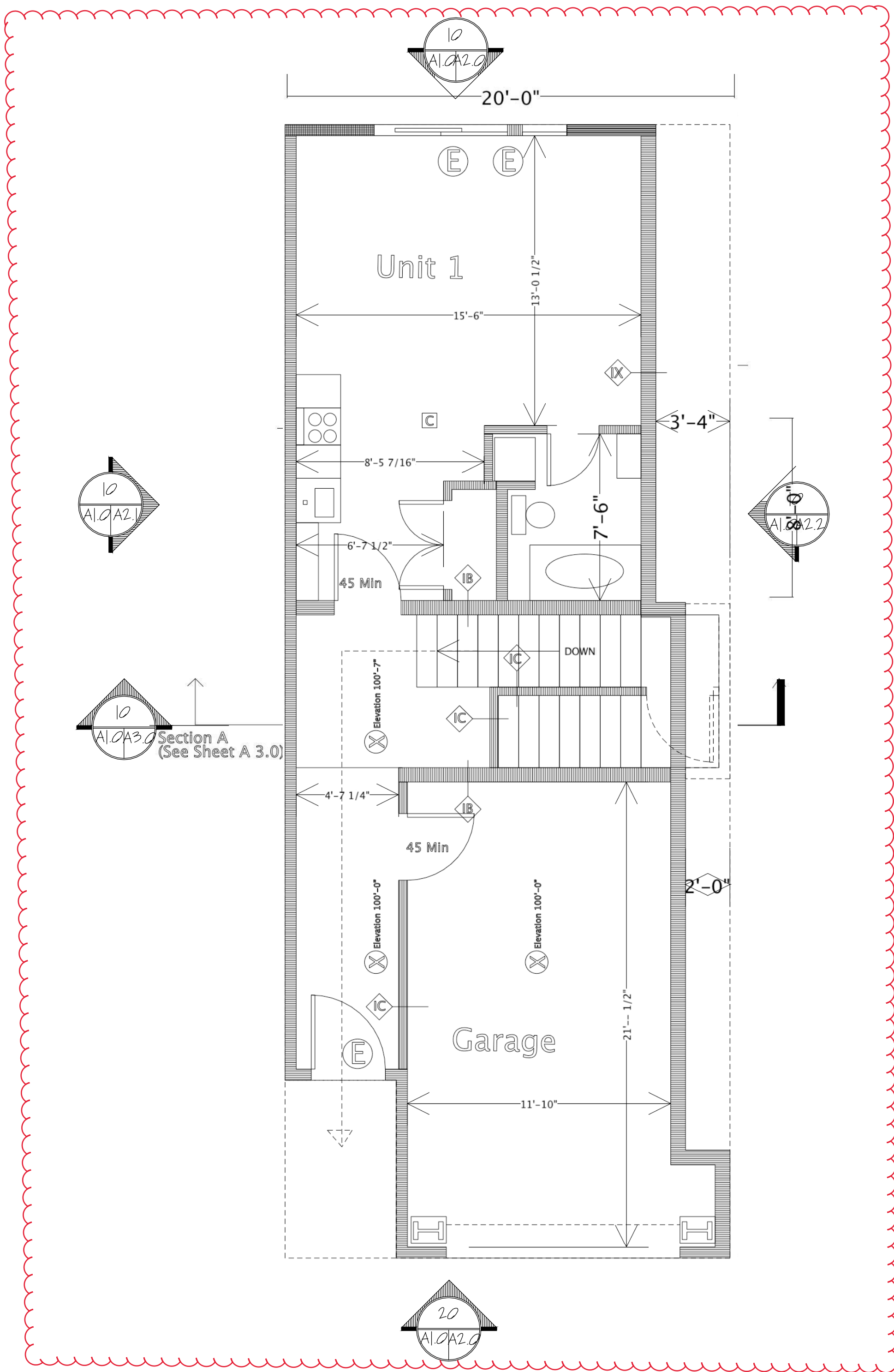
IECC - Climate Zone 6	
402.1.1 Fenestration U-Factor	0.35
Ceiling R-Value	49
Wall R-Value	20
Slab R-Value	10

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	20 occupants
2863sf	

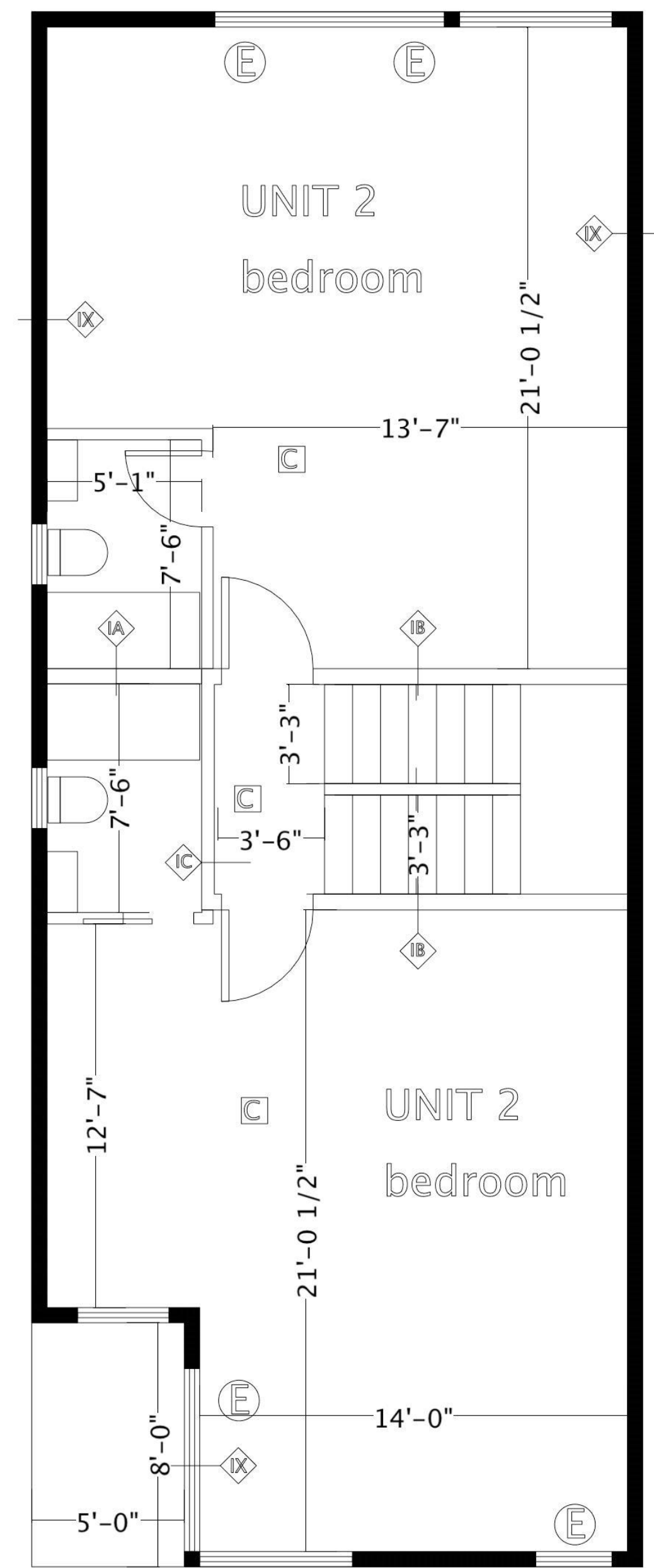
\*\*REScheck: 48 Hancock St.

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



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



10 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
- IB** Wall Type IB (1-Hour Rated)  
5/8" GWB  
3/4" Plywood  
2X4 Wood Framing
- IC** Wall Type IC (1-Hour Rated)  
5/8" GWB  
2X4 Wood Framing
- 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**  
PO Box 15372  
Portland, ME 04112  
707.522.0345  
ivchase@yahoo.com

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

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REVISIONS  
1 -  
2 -  
3 -  
4 -  
5 -

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As Built DOCUMENTS

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DRAWN BY **LRC** SHEET TITLE **PLANS**

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

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**A**

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**1.0**