

IRC: duplex 3 stories or less

Building Code Brief Summary Area Table

First Floor	910sf
Second Floor	910sf
Third Floor	910sf
Mezzanine	133sf
TOTAL	2863sf
Garage area	294sf
Studio Unit	399sf
Townhouse Unit	1953sf

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

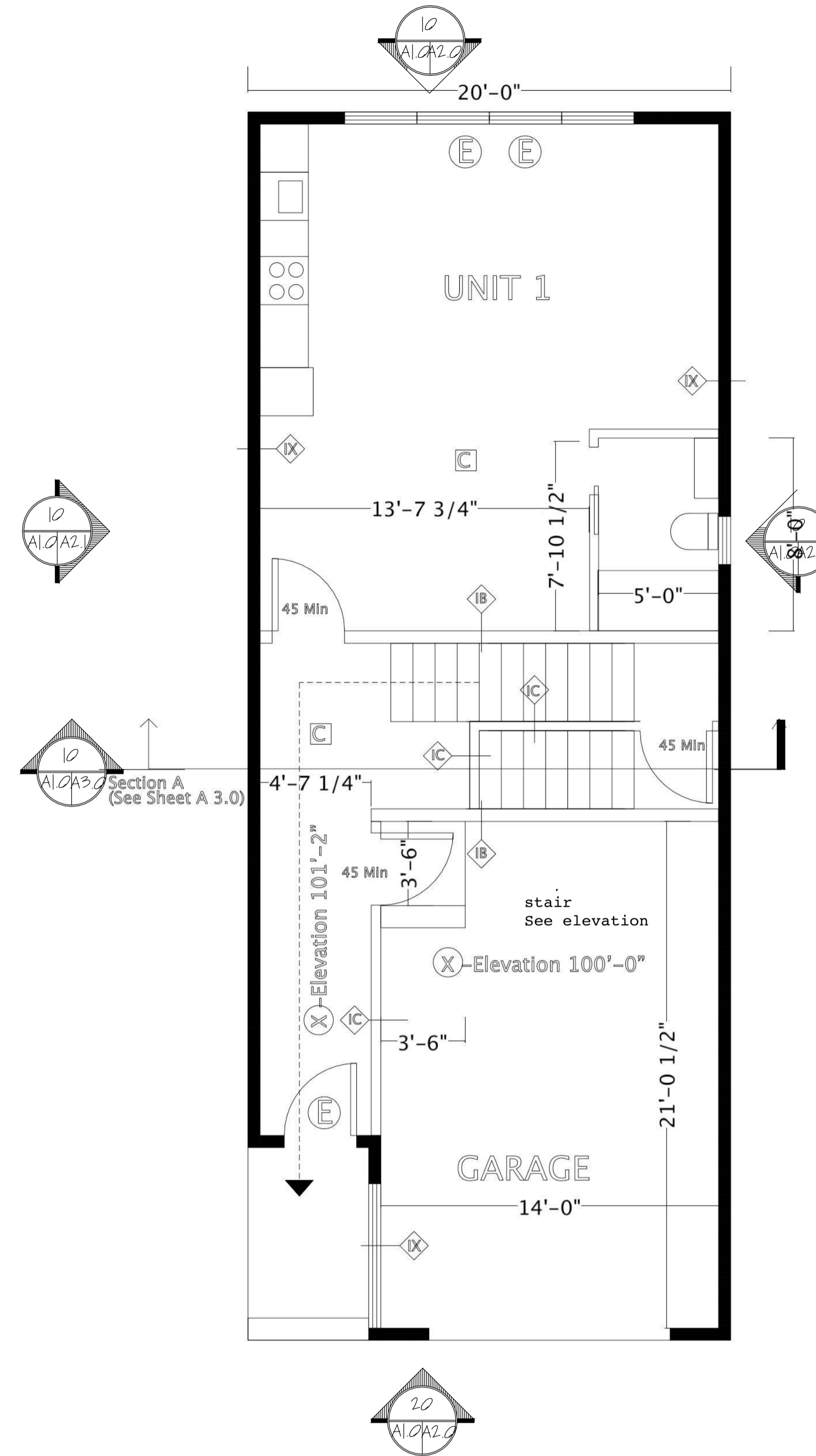
IECC - Climate Zone 6		
402.1.1 Fenestration U-Factor		0.35
Ceiling R-Value		49
Wall R-Value		20
Slab R-Value		10

NFPA 101		
3.3.32.5 New Building		
6.1.8.1 Residential Occupancy		20 occupants
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	

**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

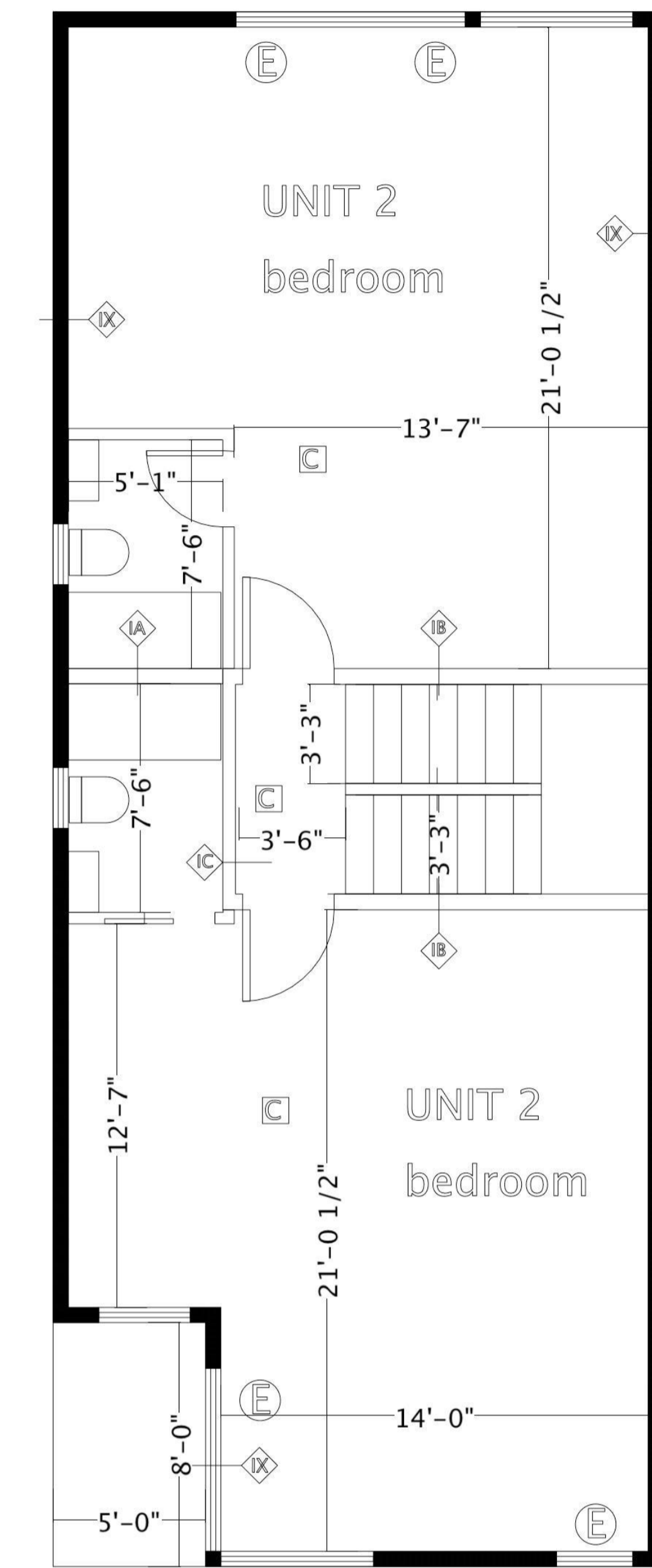


20 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY

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

- Wall Type IA (1-Hour Rated)
5/8" GWB
2X6 Wood Framing
- Wall Type IB (1-Hour Rated)
5/8" GWB
3/4" Plywood
2X4 Wood Framing
3/4" Plywood
5/8" GWB
- Wall Type IC (1-Hour Rated)
5/8" GWB
2X4 Wood Framing
5/8" GWB
- 1 Hour Rated Floor Assembly (UL-574) All Floors
- 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
- Egress Window or Door



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

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

REVISIONS
1 - 1/29/16
2 - 2/9/16
3 - 2/15/16
4 -
5 -

PERMITTING DOCUMENTS

ISSUE DATE **1/1/15**
SHEET SCALE **1/4" = 1'-0"**

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

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1.0