

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 Anyconstructiontype 1	

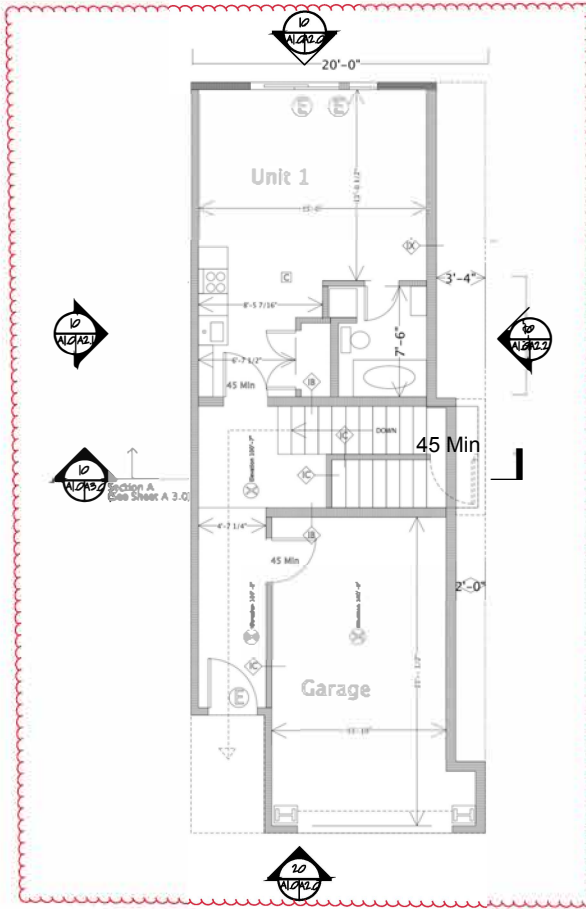
IECC - Climate Zone 6	
402.1.1 Penetration U-Factor	0.35
Ceiling R-Value	49
Wall R-Value	20
Slab R-Value	10

NFPA 101	
3.3.3.2.5 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 Occupancyload: 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	1000 ft2	52		44	0.011
Wall	Wood Frame, 16 OC	5182 ft2	38.1		32	0.018
Window	Fiberglass	576 ft2				0.35
Entry Door	Glass	24 ft2				0.35
Garage Door	Solid	90 ft2				0.15
Floor	Heated Slab-On-Grade	142 ft			12	0.096 25 ft
RESULTS	PASSED: 27.4%					
MAX UA: 0.17	YOUR UA: 0.48					

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

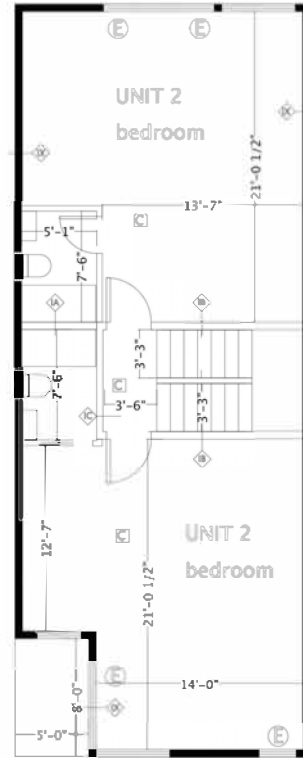


FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY

- EMERGENCY LIGHTING
- SMOKE DETECTOR
- CO/SMOKE DETECTOR
- EXIT DISCHARGE
- 1 HOUR RATED FLOOR ASSEMBLY (UL-51A ASSEMBLY)

- Wall Type IA (1-Hour Rated)
5/8" CWB
2X6 Wood Framing
5/8" CWB
- Wall Type IB (1-Hour Rated)
5/8" CWB
3/4" Plywood
2X4 Wood Framing
3/4" Plywood
5/8" CWB
- Wall Type IC (1-Hour Rated)
5/8" CWB
2X4 Wood Framing
5/8" CWB



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

- 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" CWB
2X6 Wood Framing
5.5" high density spray foam (R-35.75)
5/8" CWB
- Egress Window or Door

Sunny Time Solar
PO Box 15372
Portland, ME
04112
603.526.9450
sunnytime.com

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

REVISIONS
As Built DOCUMENTS

1	
2	
3	
4	
5	

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

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

A

1.0