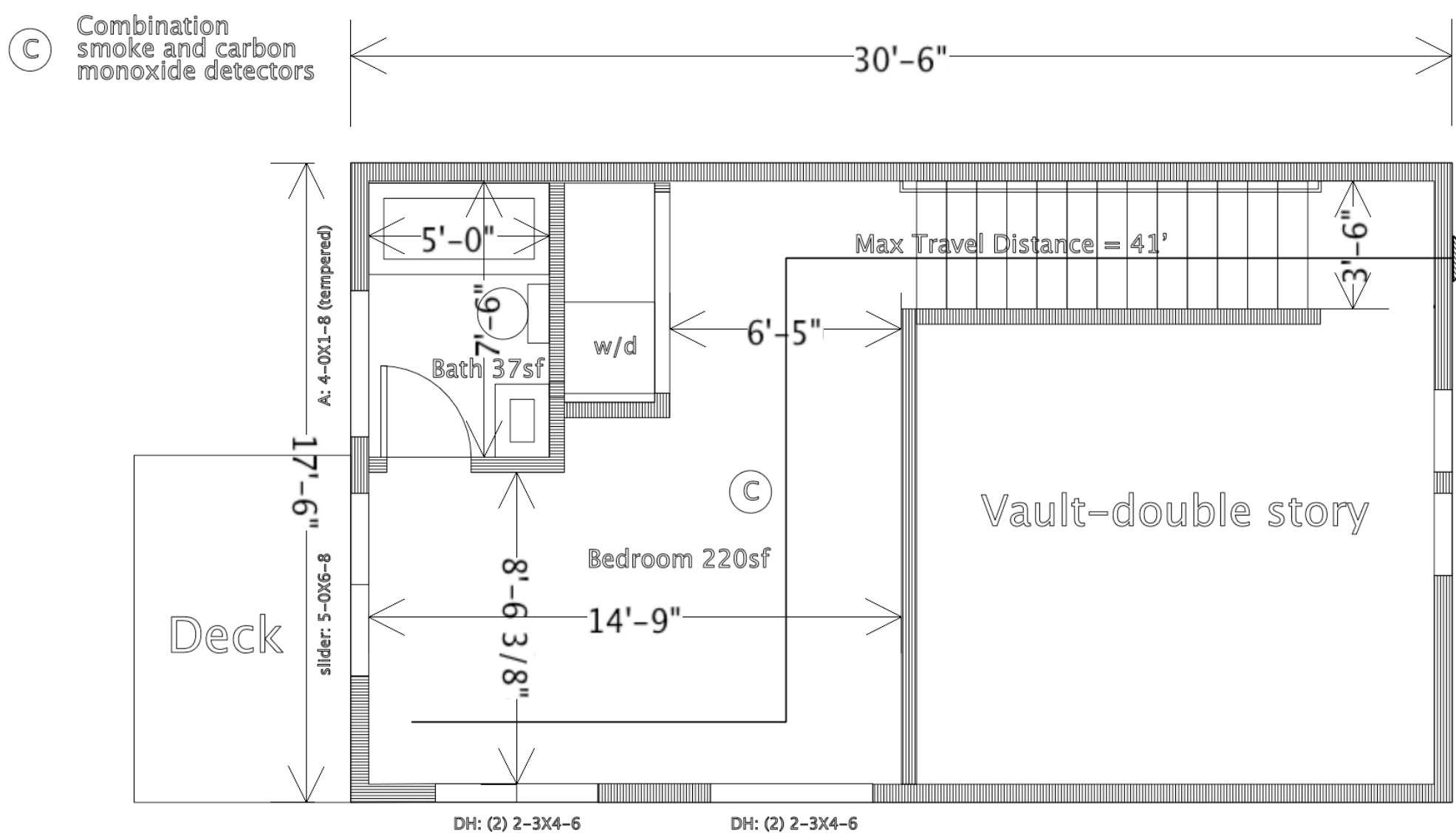


FIRST FLOOR PLAN 1/4" = 1'-0"



SECOND FLOOR PLAN 1/4" = 1'-0"

Project Description: Build a 498SF single family
 CODES:
 IRC 2009 - Single Family
 NFPA 2009 - Sprinkler System 13D
 NFPA 101
 3.3.32.5 New Building
 6.1.8.1 Residential Occupancy
 6.1.8.1.1 Single Family Dwelling Unit
 6.2.2.3 Ordinary Hazard of Contents
 7.3.1 Occupancy load: 200
 Gross 501sf = 3 Occupants
 Number of Exits = 2
 IECC - Climate Zone 6
 402.1.1 Fenestration U-Factor 0.35
 Ceiling R-Value 49
 Wall R-Value 21
 Basement R-Value 15
 Zoning- Land Use Code Chapter 14
 Zone: R-6
 Side Setback: 5', or 0' if combined = 10', with easement
 Rear Setback: 10'
 Front Setback: 9"= the average depth of the front yards
 1 Monument St = 1'-6" and 7 Monument St = 0'-0"

List of Drawings
 AR - Architectural
 ST - Structural
 SITE-Site Plan
 SUR - Survey
 RES-REScheck

Project 5 Monument Street
 Energy Code: 2009 IECC
 Location: Portland, Maine
 Construction Type: Single-family
 Project Type: New Construction
 Conditioned Floor Area: 498 ft2
 Glazing Area: 22%
 Climate Zone: 6 (7378 HDD)
 Permit Date:
 Permit Number:
 Construction Site: Owner/Agent: Designer/Contractor:

Compliance: Passes using UA trade-off
 Compliance: 19.7% Better Than Code Maximum UA: 218 Your UA: 175
 The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules.
 It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

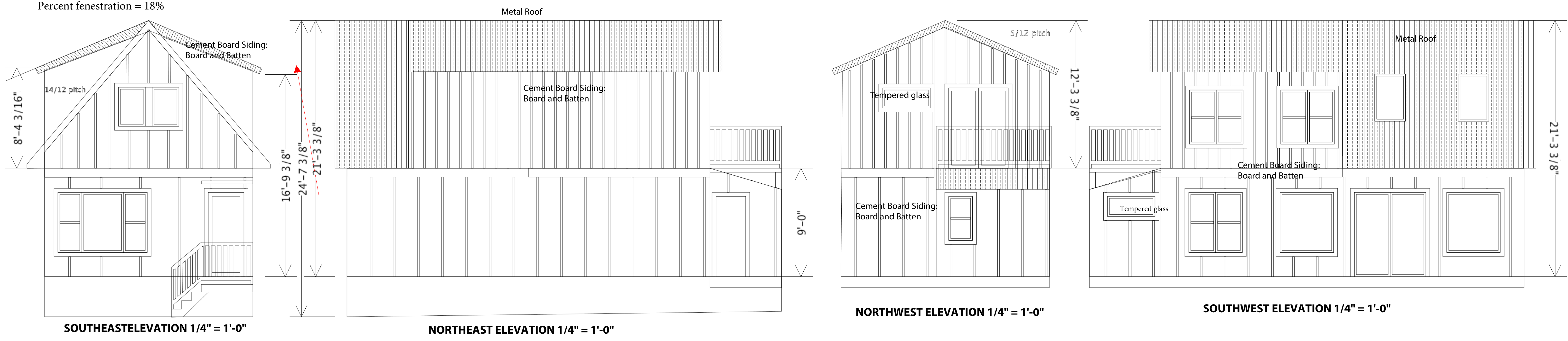
Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling: Cathedral Ceiling (no attic)	671	55.0	49.0	0.010	7
Skylight: Vinyl Frame	21			0.550	12
Wall: Wood Frame, 16" o.c.	1,328	29.2	23.1	0.021	22
Door: Glass Door (over 50% glazing)	114			0.350	40
Window: Vinyl Frame	182			0.350	64
Basement: Solid Concrete or Masonry	498	0.0	10.0	0.060	30
Wall height: 6.0'					
Depth below grade: 6.0'					
Insulation depth: 6.0'					



Entry Awning Detail- to be prefabricated and purchased.

*Note: Southeast Elevation = 376sf
 Glass door = 16.5sf, window = 52.5sf
 Percent fenestration = 18%



New Single Family
 AMENDMENT
 5 Monument Street Portland, Maine
 Rockwood Design Studio
 PO Box 520
 Mount Desert, ME 04660
 rockwooddesignstudio@gmail.com
 Date: 10/24/17

AR