

Project Description: Build a 499SF single level 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
 Slab R-Value 15
 Zoning- Land Use Code Chapter 14
 Zone: R-6
 Side Setback: 5'
 Rear Setback: 10'
 Front Setback: 1' = the average depth of the front yards
 43 Chapel St = 2' and o Chapel St = 0'

- List of Drawings
 A1.0 - Architectural Plans- Elevations- Life Safety
 S1.0-Structural
 S1.1 - Structural
 C1.0 -Site Plan
 SR1.0 - Survey
 SR1.1- Street Documentation
 RES-REScheck

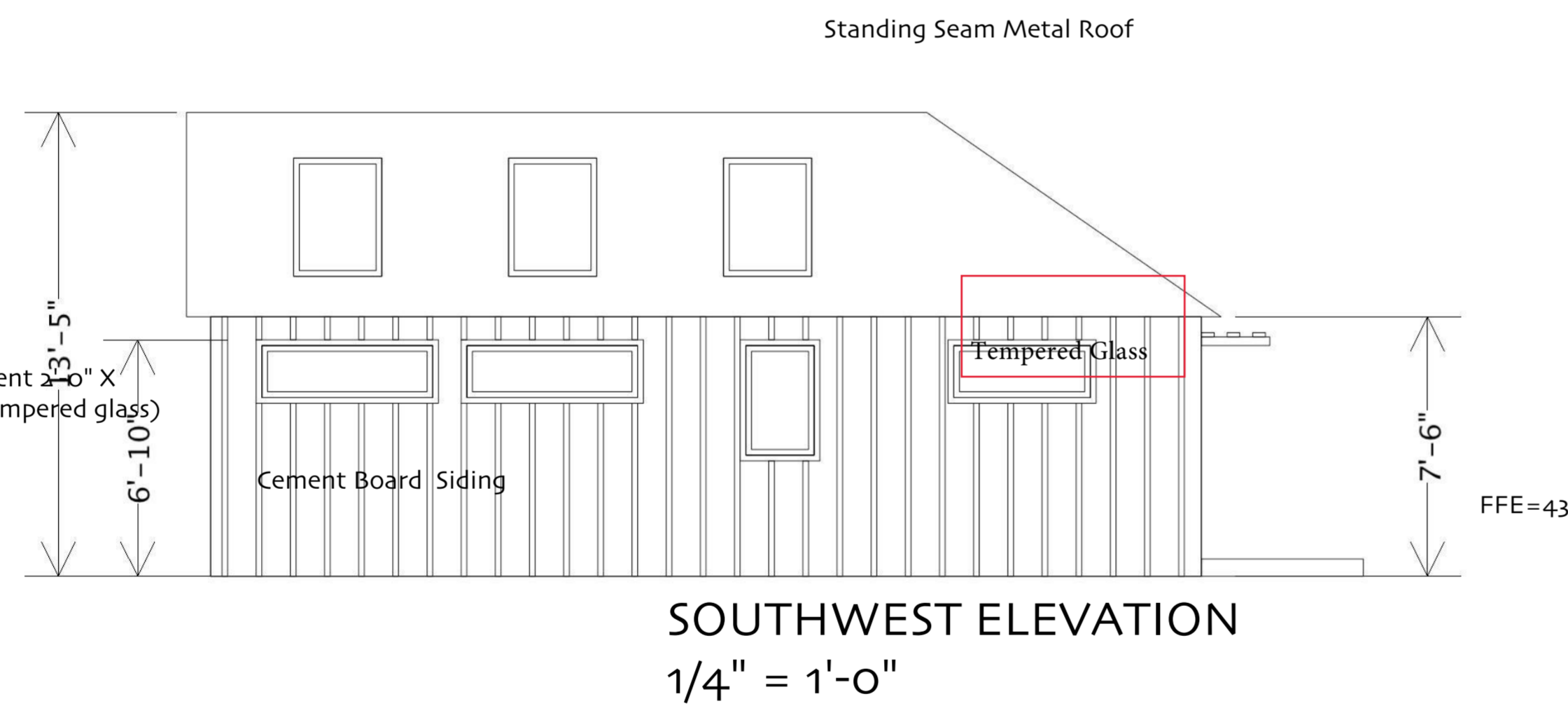
Component	Assembly	Gross Area or Slab Perimeter	Cavity Insulation R-Value	Continuous Insulation R-Value	U-Factor	Depth of Insulation
1 Wall	Wood Frame, 16in. o.c.	765 ft ²	33	0	0.047	
2 Window	Vinyl Frame, 2 Pane w/ Low-E	156 ft ²			0.35	
3 Door	Class	40 ft ²			0.35	
4 Ceiling	Cathedral	714 ft ²	55	0	0.019	
5 Skylight	Vinyl Frame, 2 Pane w/ Low-E	40 ft ²			0.55	
6 Floor	Heated Slab-On-Grade	110 ft ²		15	0.665	4.5 ft

Additional R-5 insulation required for heated slabs

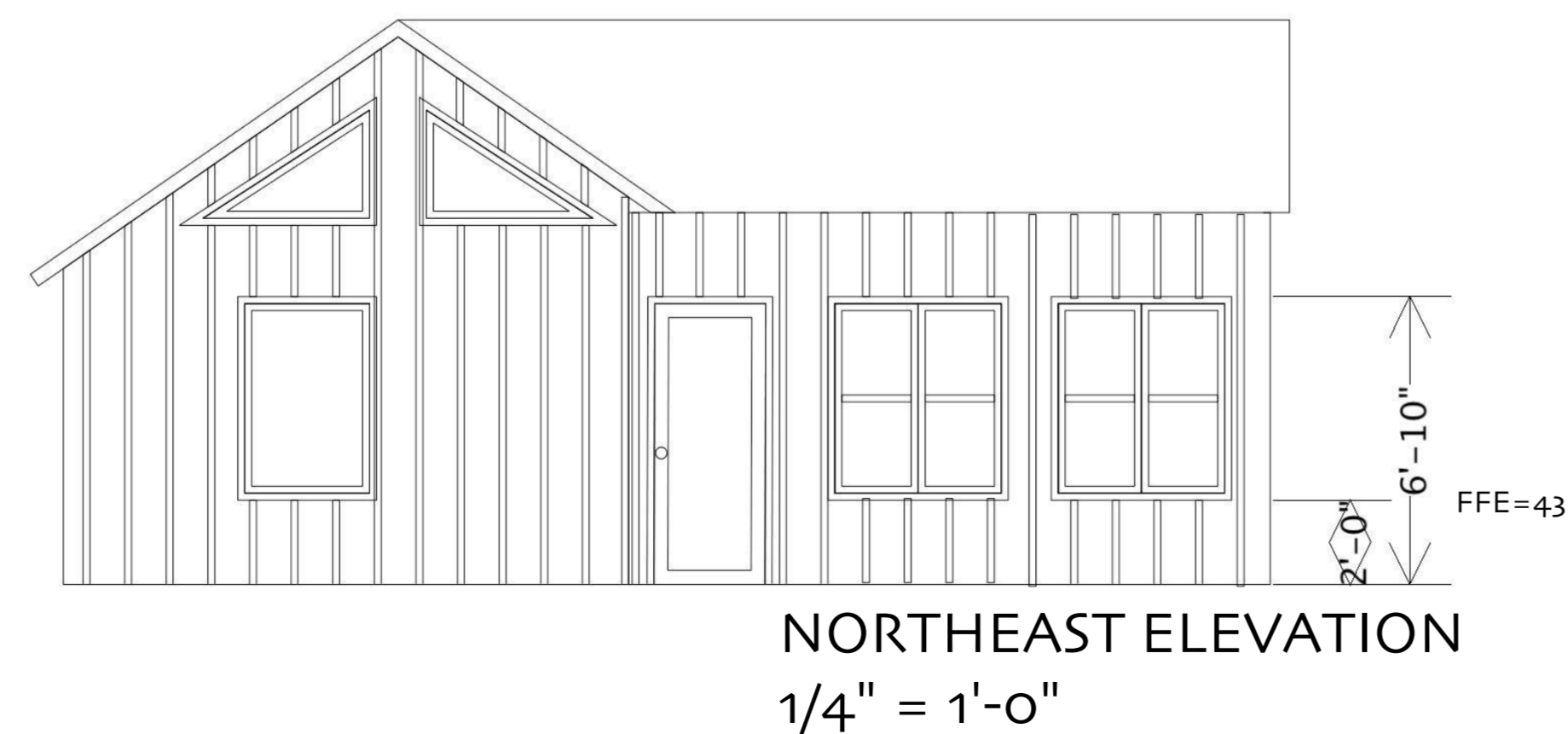
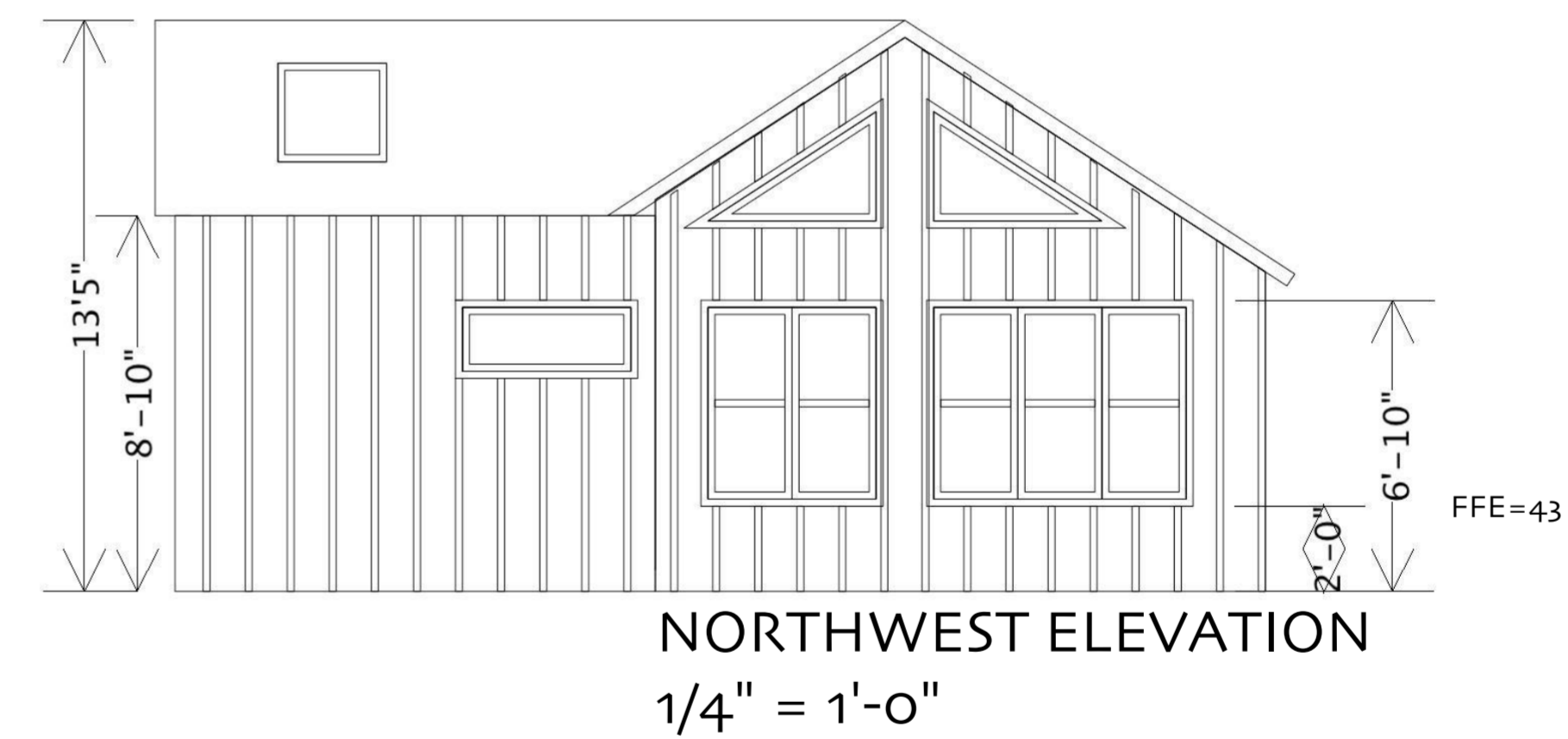
Slab in dr: show as r

Combination smoke and carbon monoxide detectors

Show with Tempered Glass as per R308.4

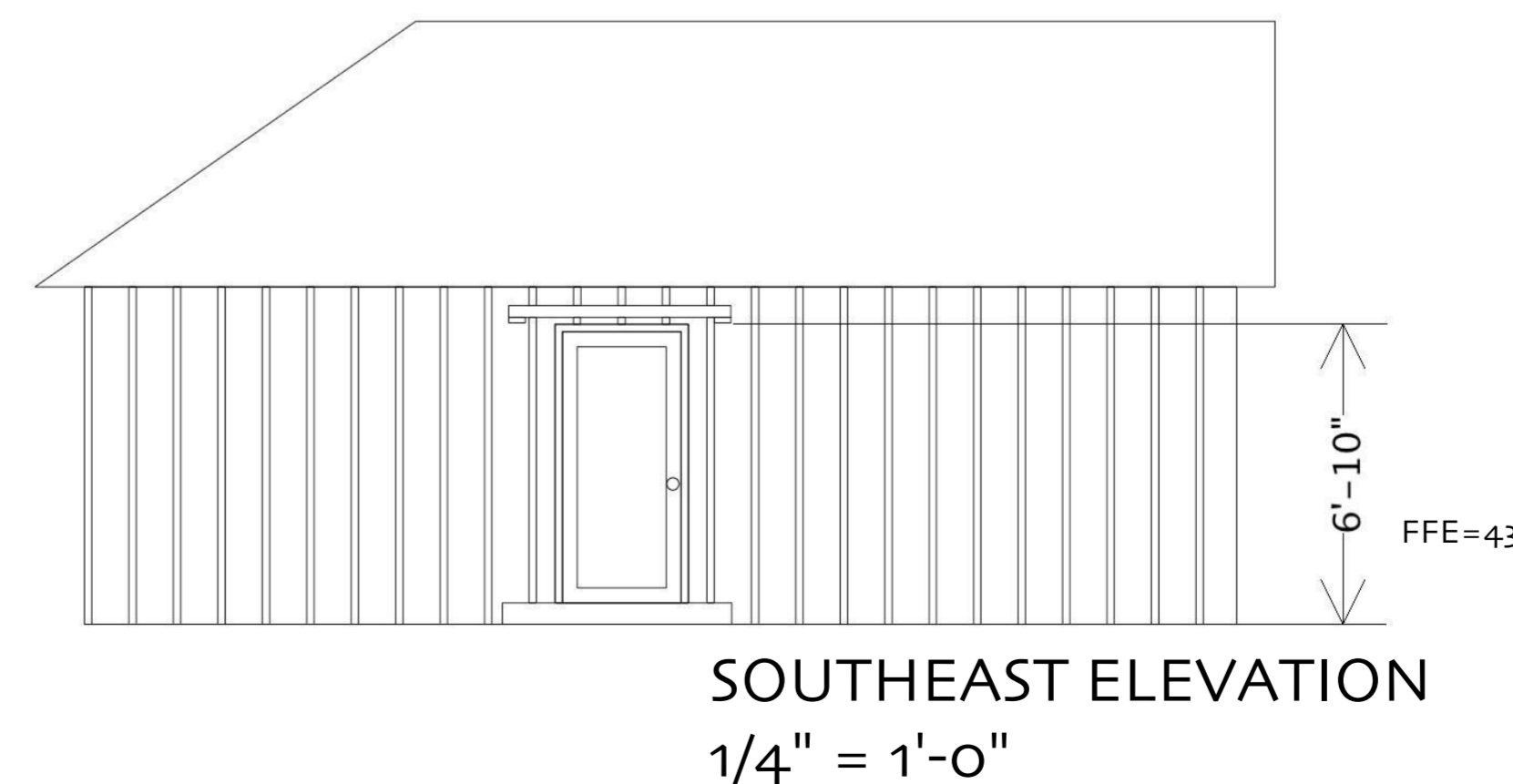


- Skylights:
 (1) fixed 31" X 47"
- Windows:
 (1) fixed 4'-0" X 1'-6"
 (2) triangle fixed, 4'-0" X 3'-0"
 (6) double hung 2'-0" X 4'-8"



- Windows:
 (2) triangle fixed, 4'-0" X 3'-0"
 (1) casement (egress) 3'-0" X 4'-8"
 (4) double hung 2'-0" X 4'-8"
 Door:
 (1) 3'-0" X 6'-8"

- Door:
 (1) 3'-0" X 6'-8"



"The Cottage on Chapel"

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Date: 4/10/17
 Rev1 6/6/17
 Rev2 6/12/17
 Rev3 6/23/17

A1.0