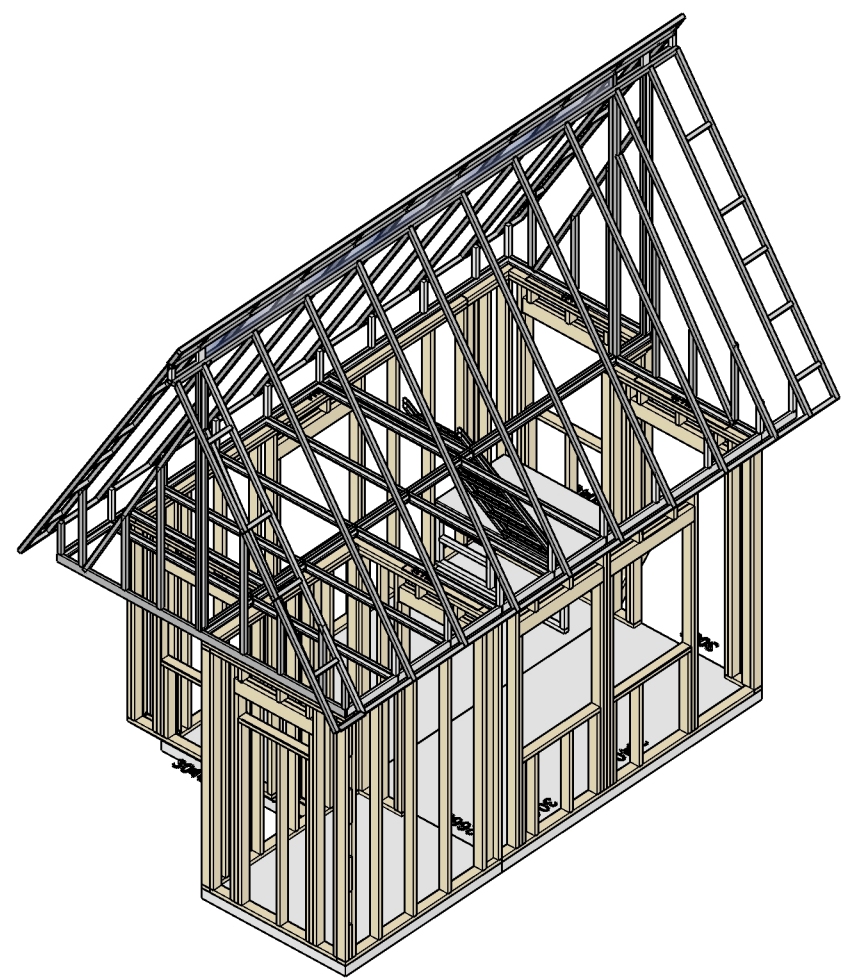
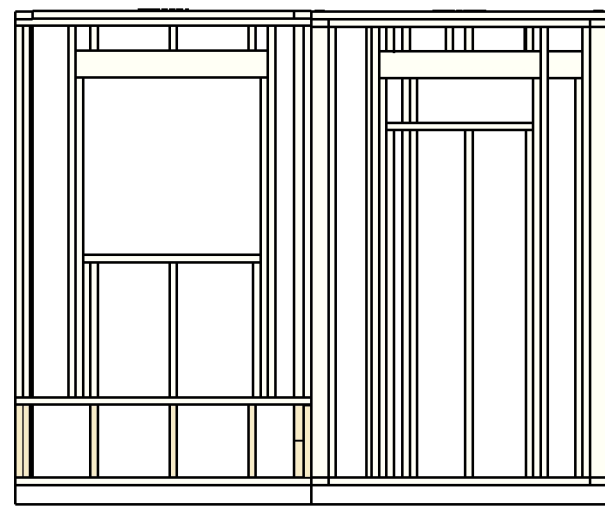
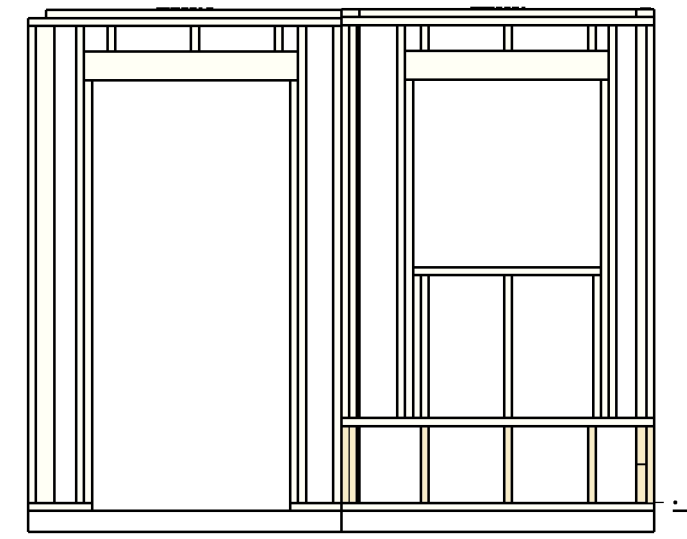
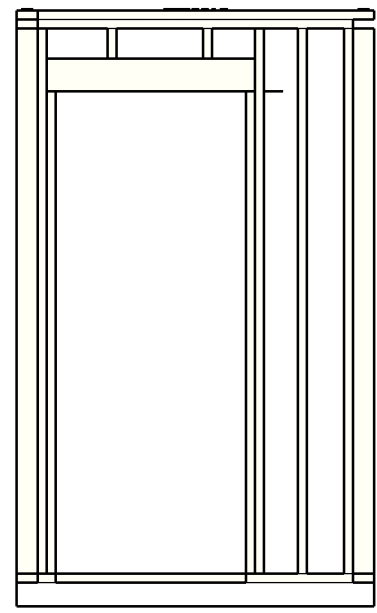
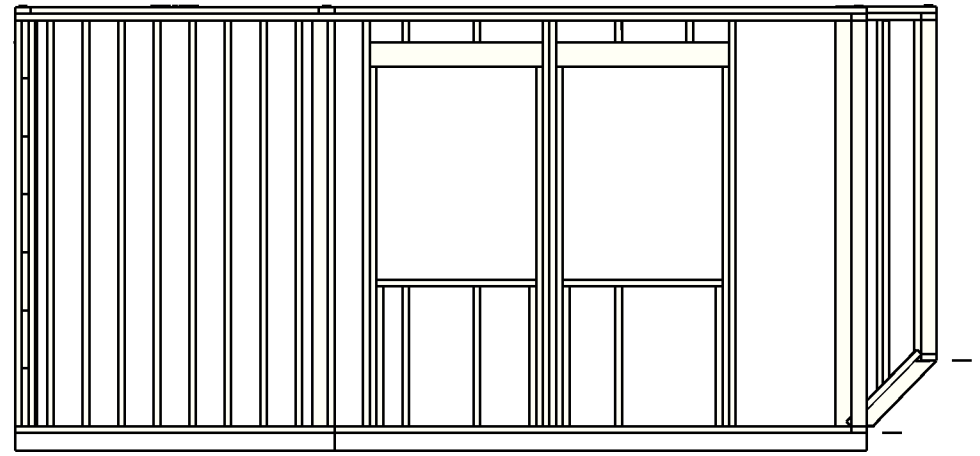
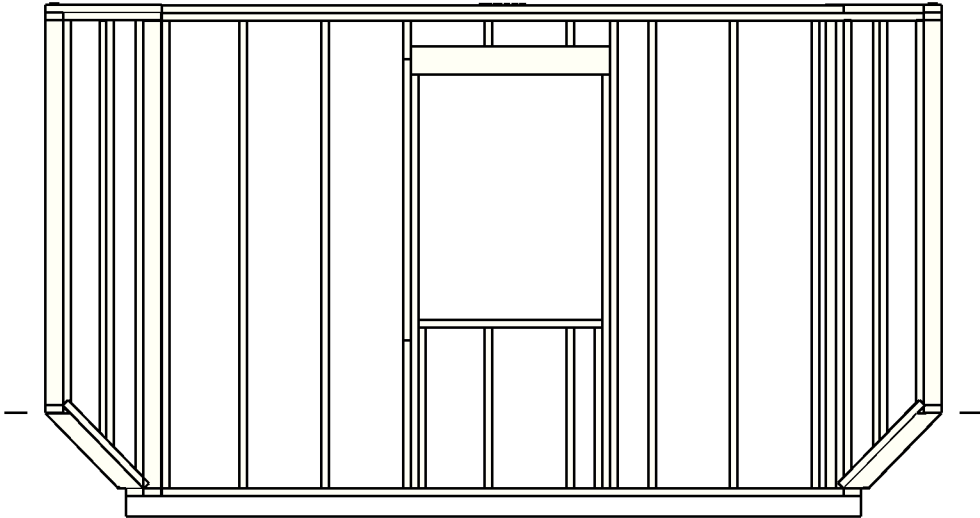


# As-Built Sketchup Models

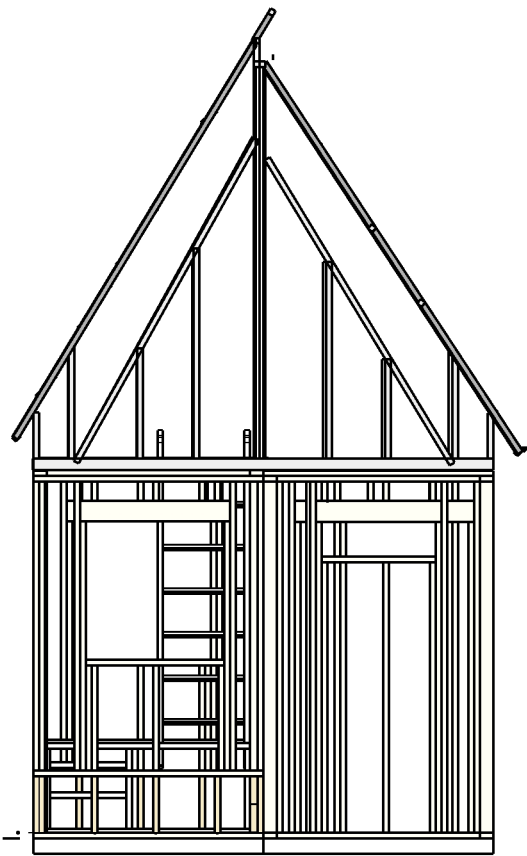
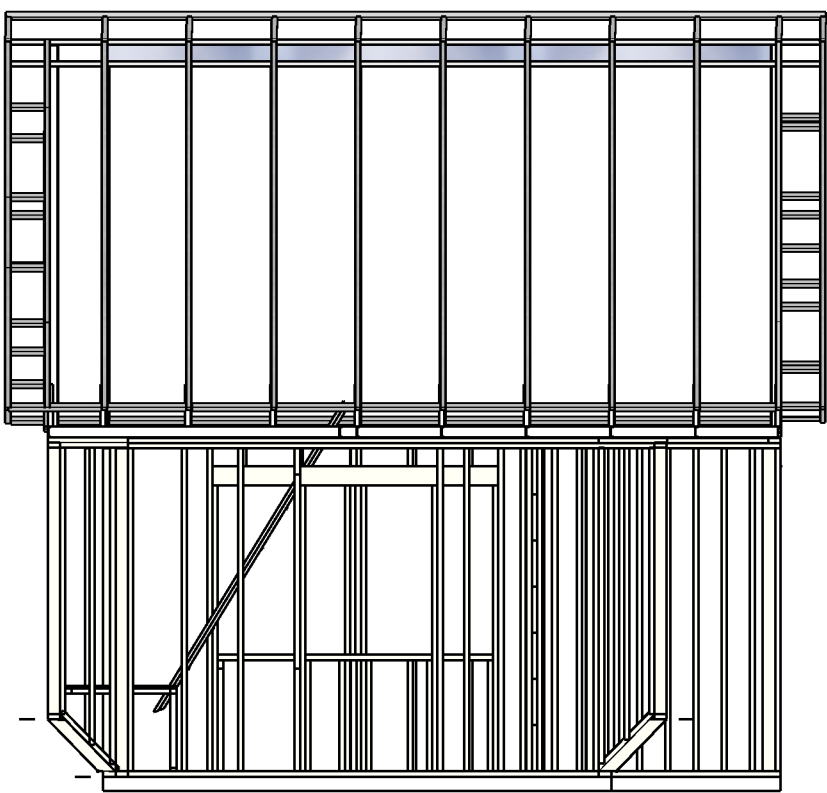
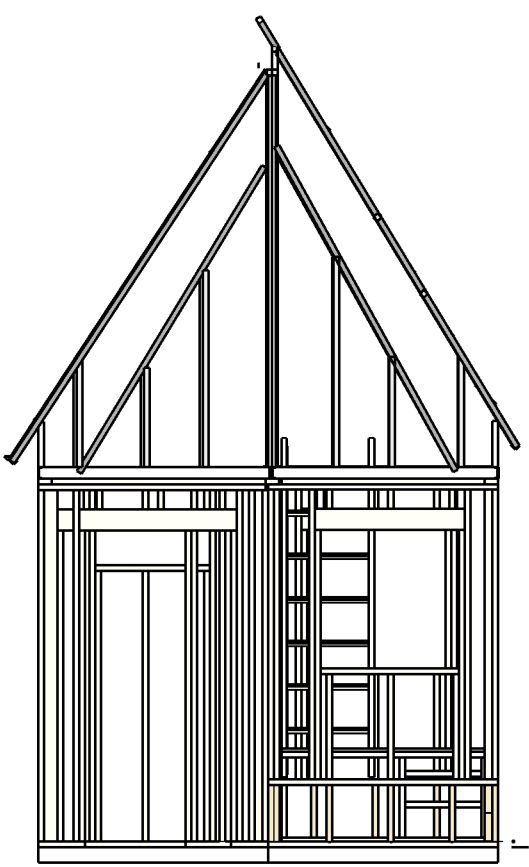
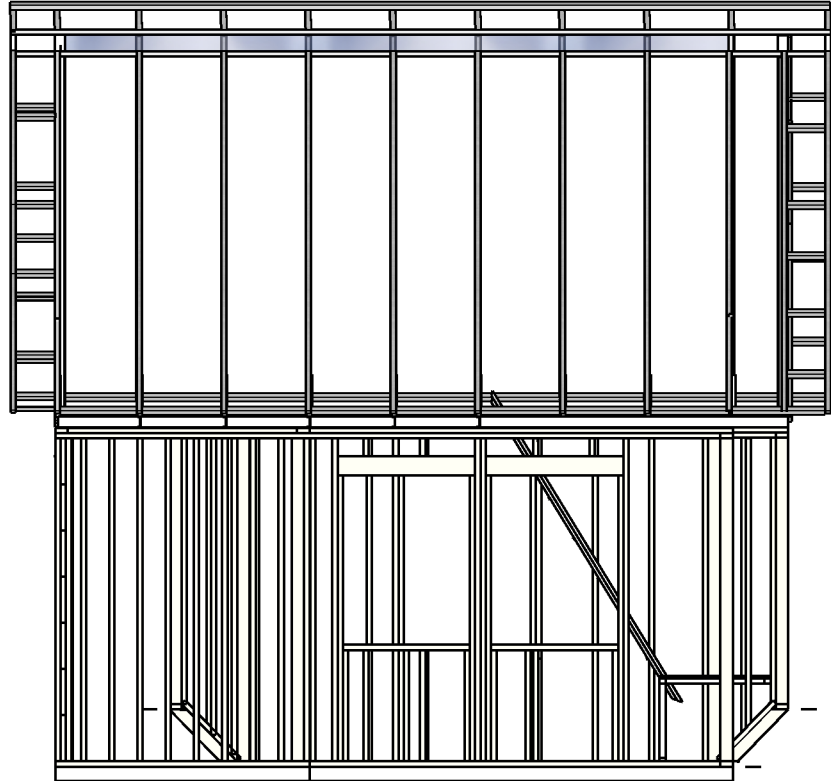
Team 2  
BCS 1126-B  
2 February 2024



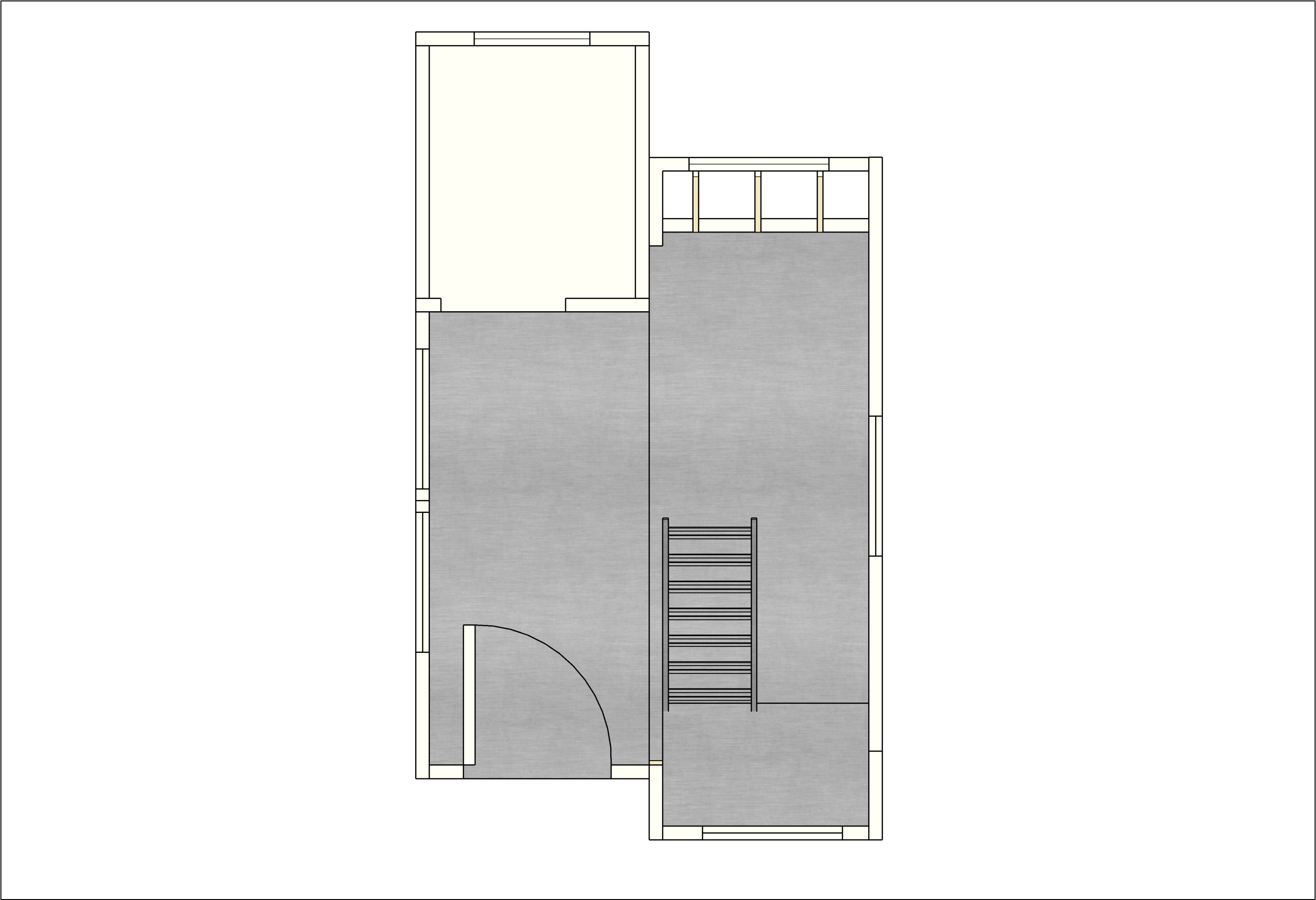


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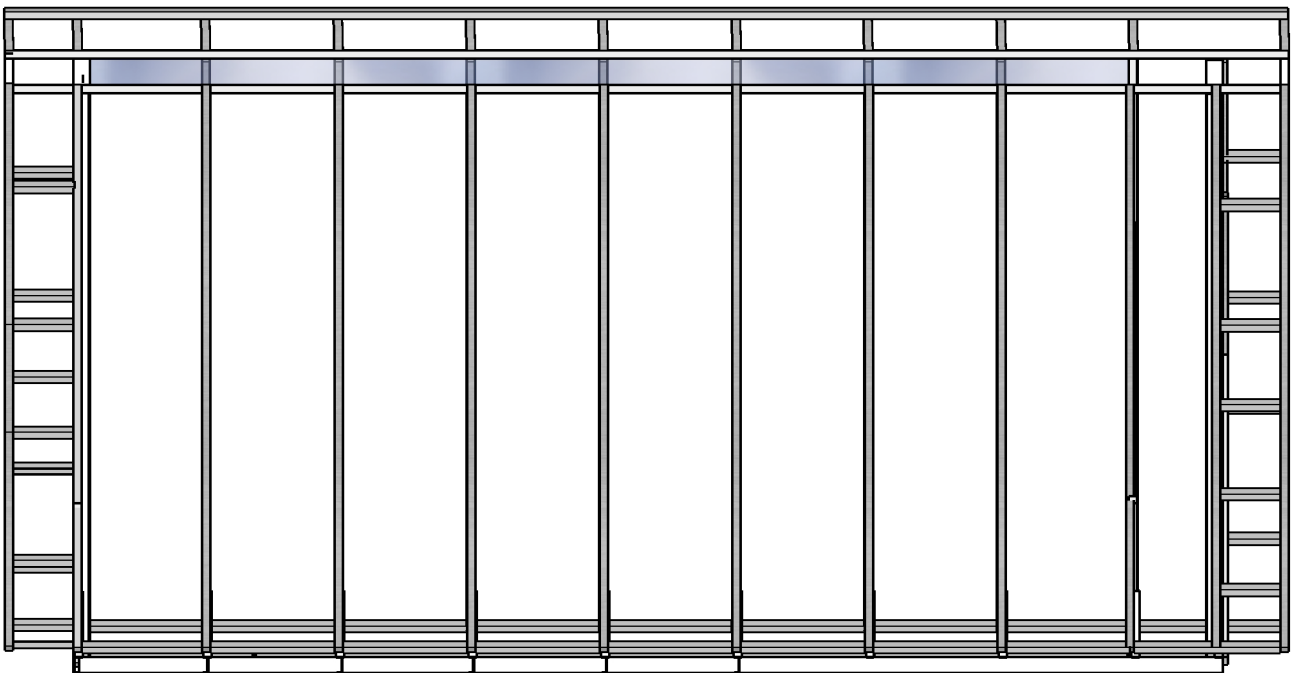
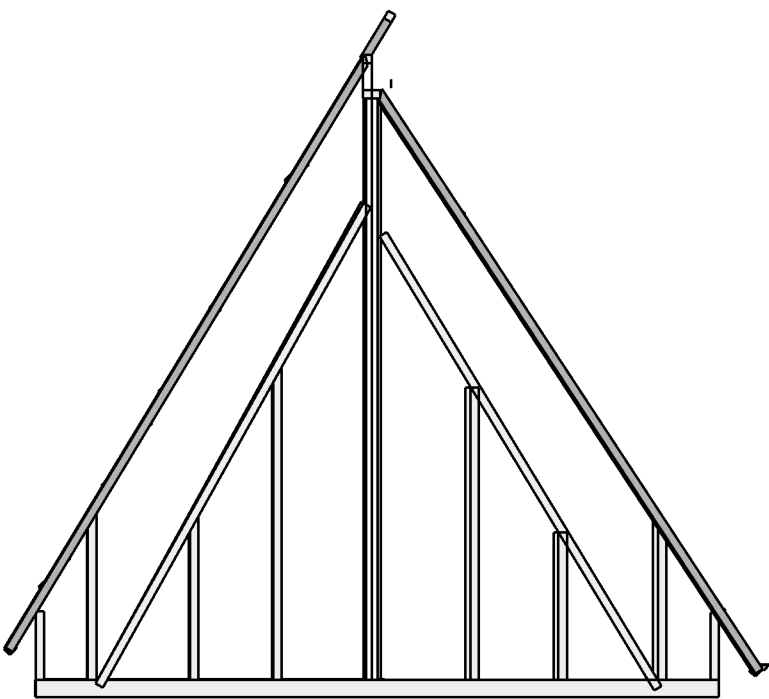
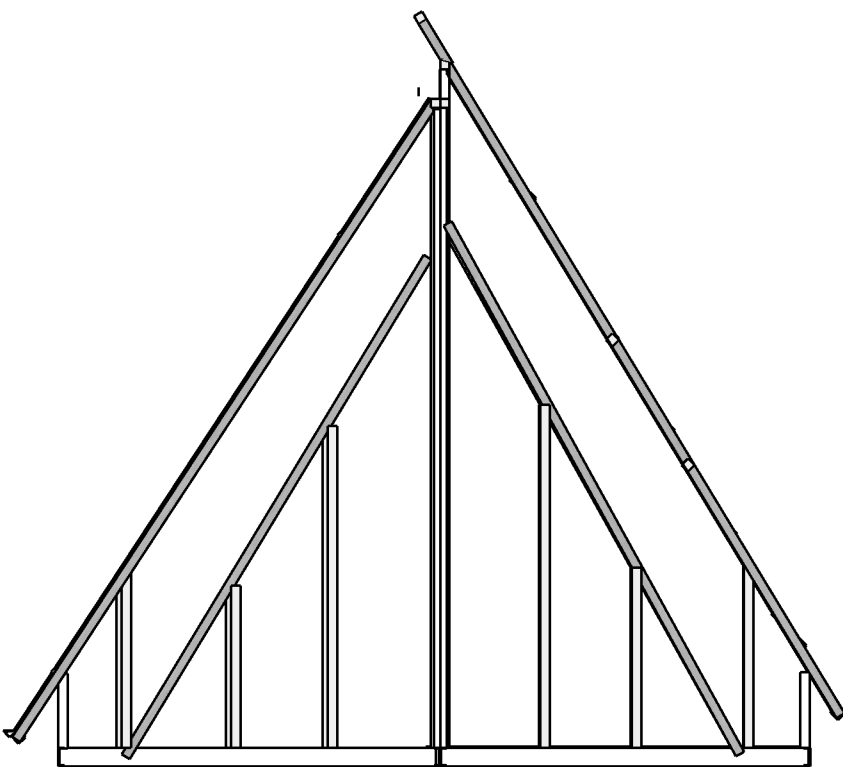




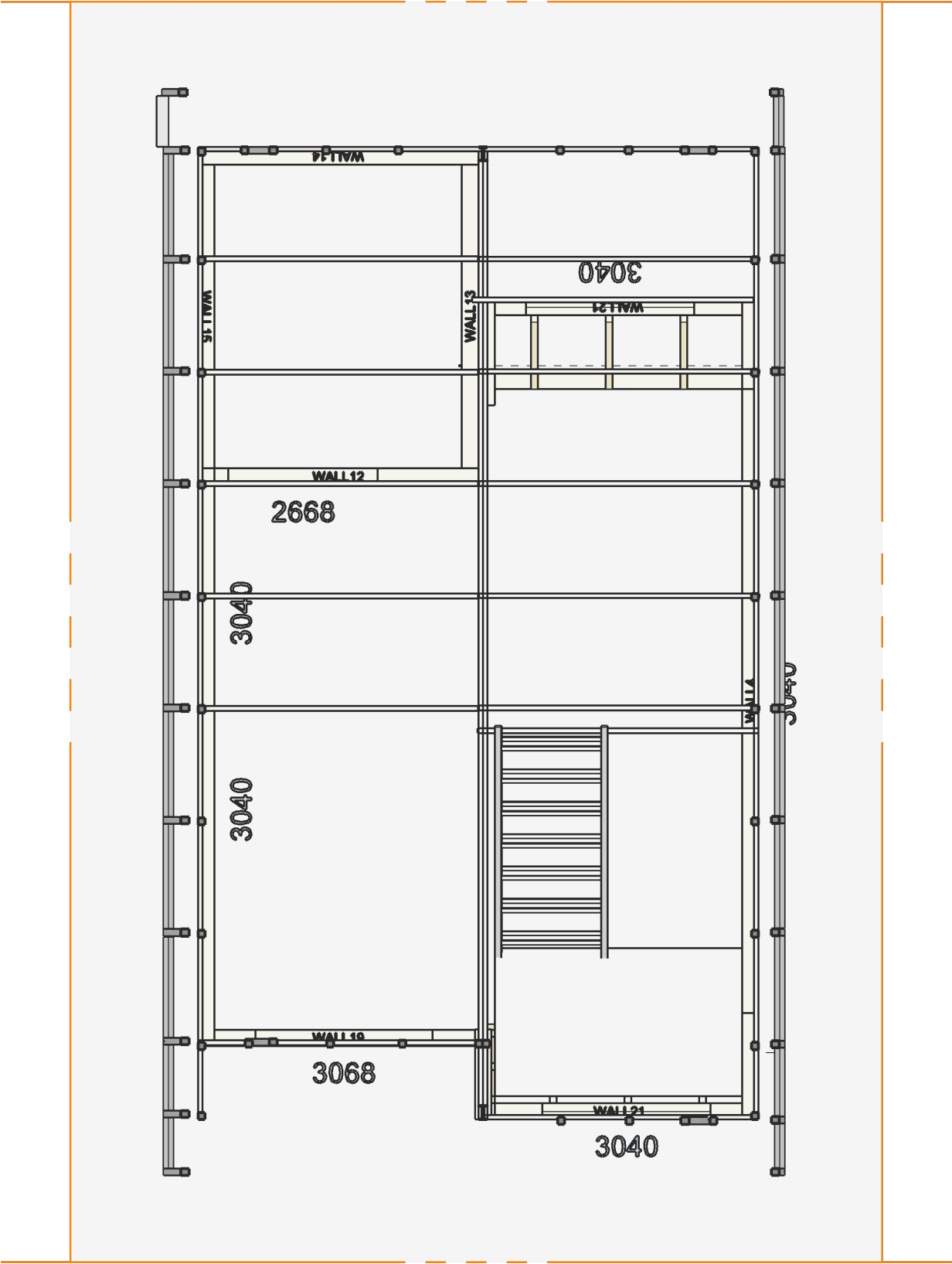
Team 2		Professor Mahdi Ghafoori	
2/04/2024		As-Built Sketchup Models	Total Elevations
		BCS 1126-B	



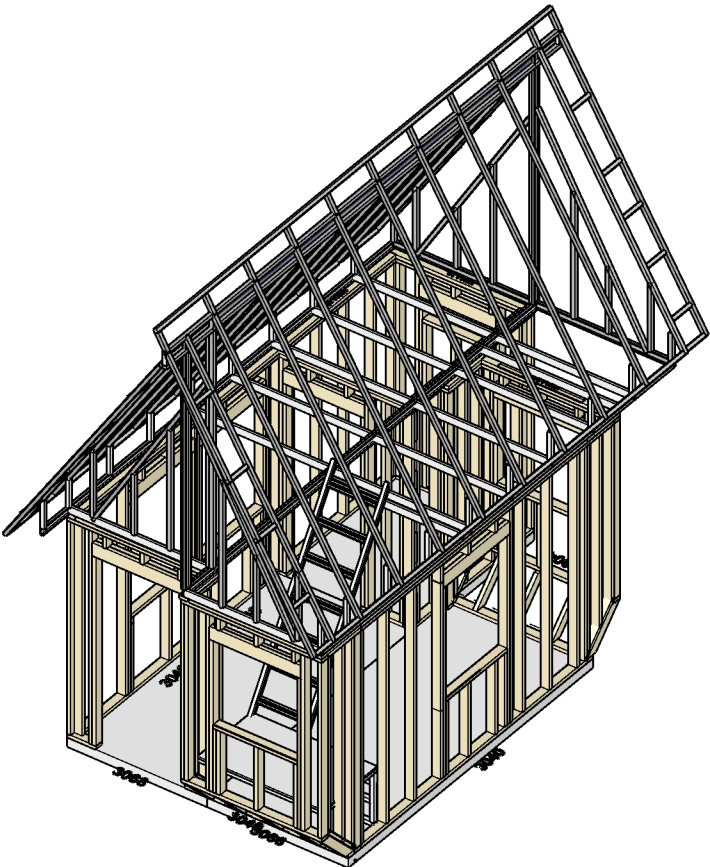
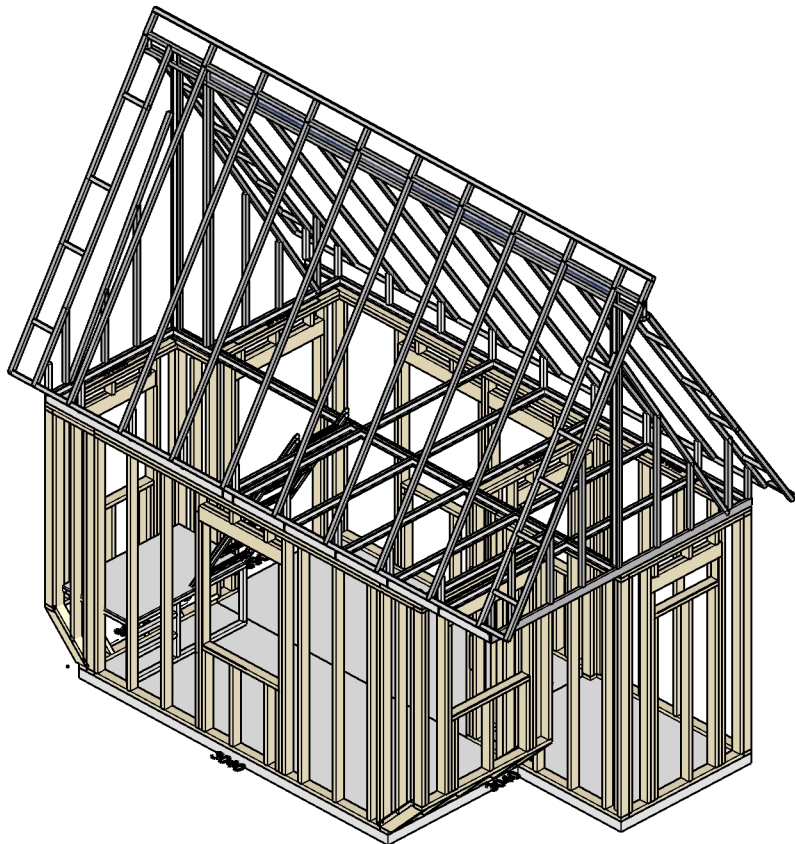
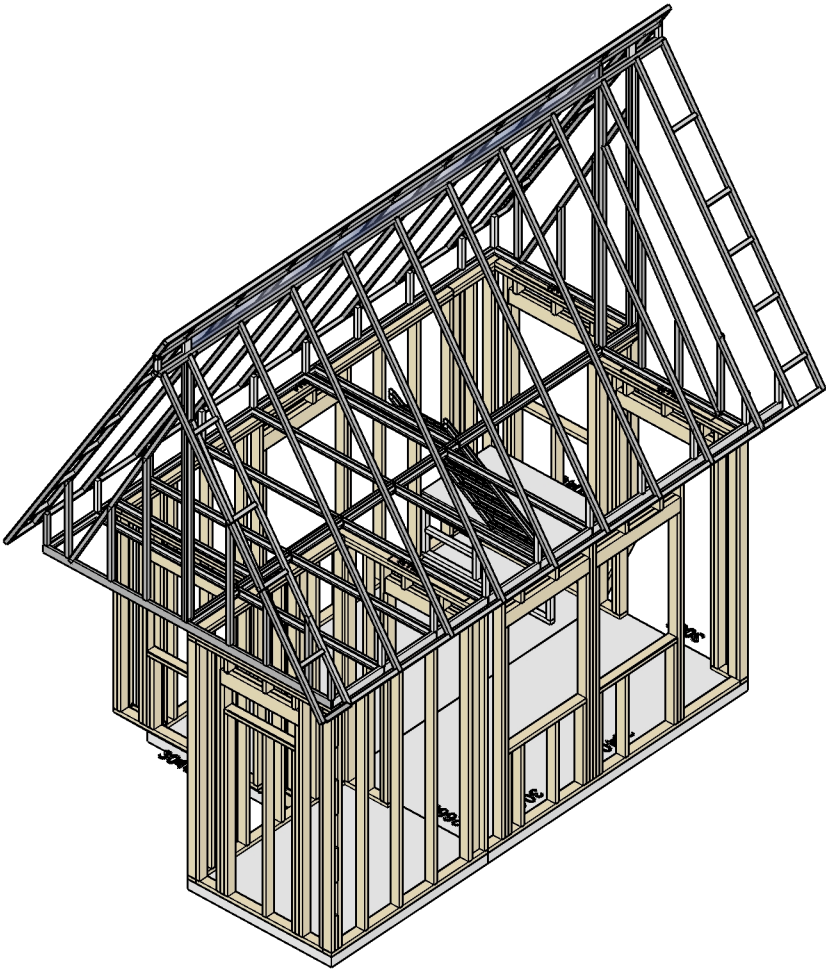
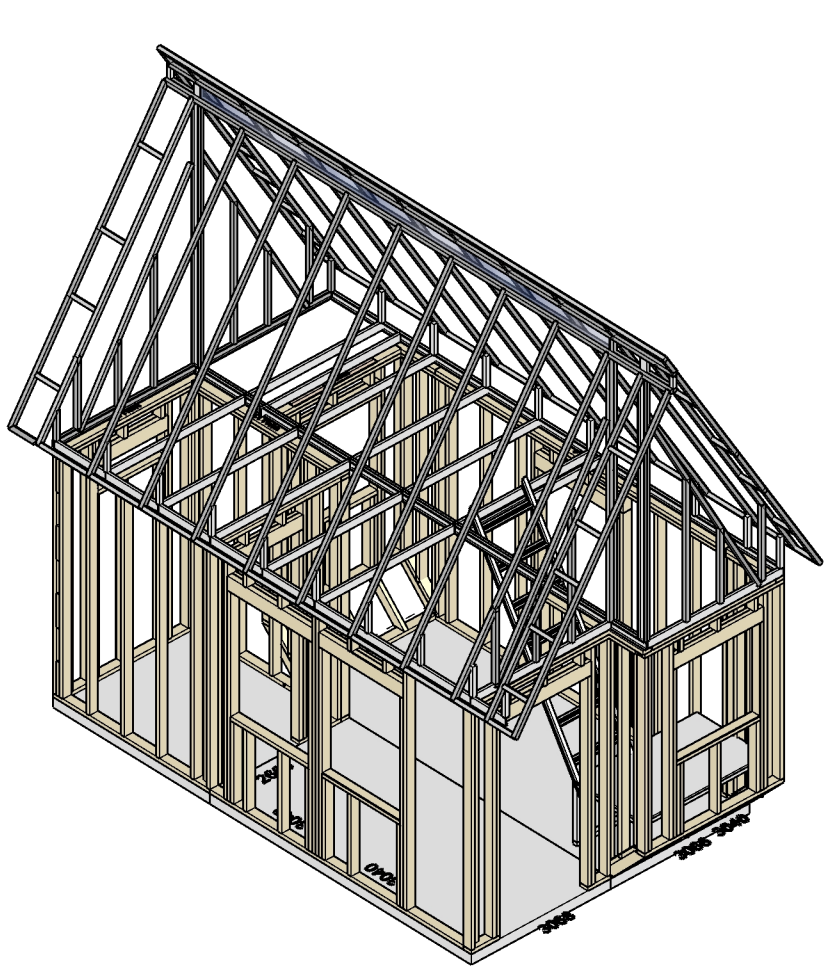
Pg. 78	Team 2	As-Built Sketchup Models	Professor Mahdi Ghafoori
	2/04/2024	BCS 1126-B	Downstairs Floorplan



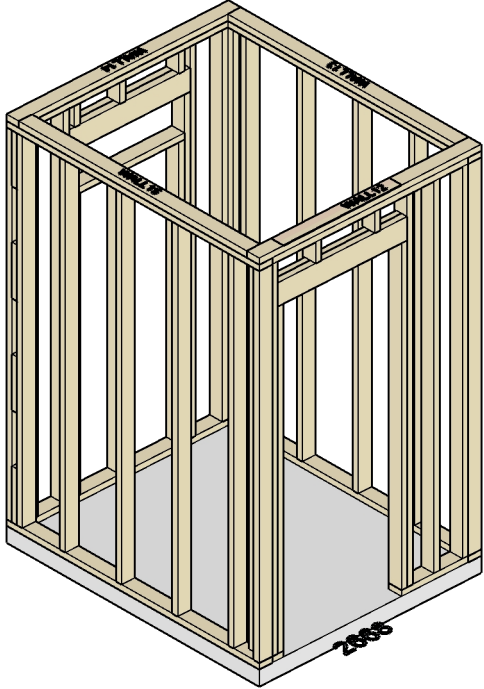
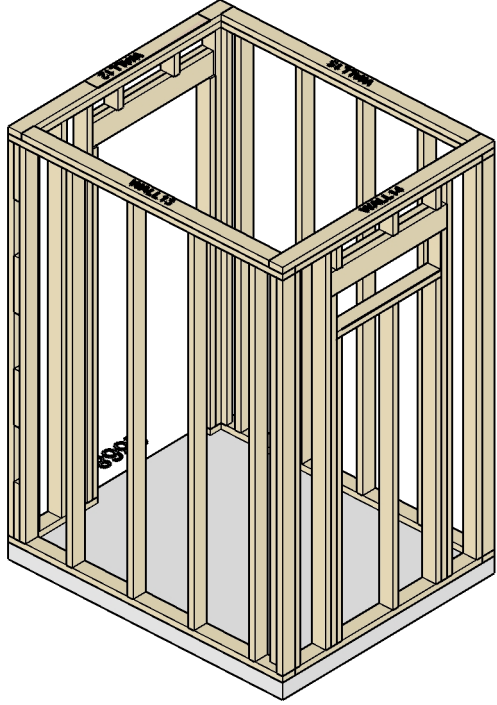
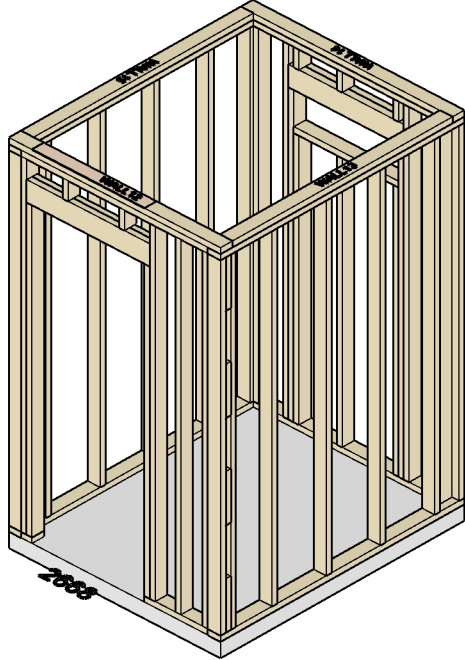
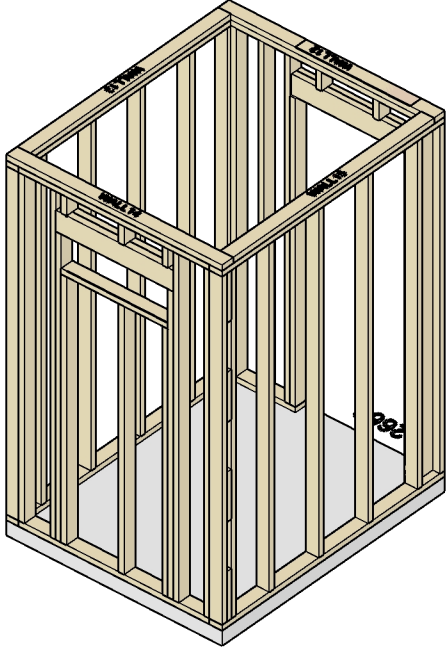
Team 2	As-Built Sketchup Models	Professor Mahdi Ghafoori
2/04/2024	BCS 1126-B	Upstairs Elevations

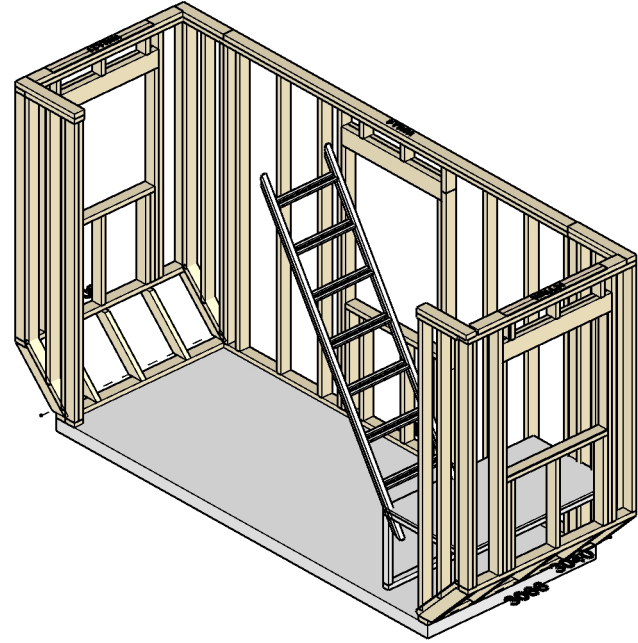
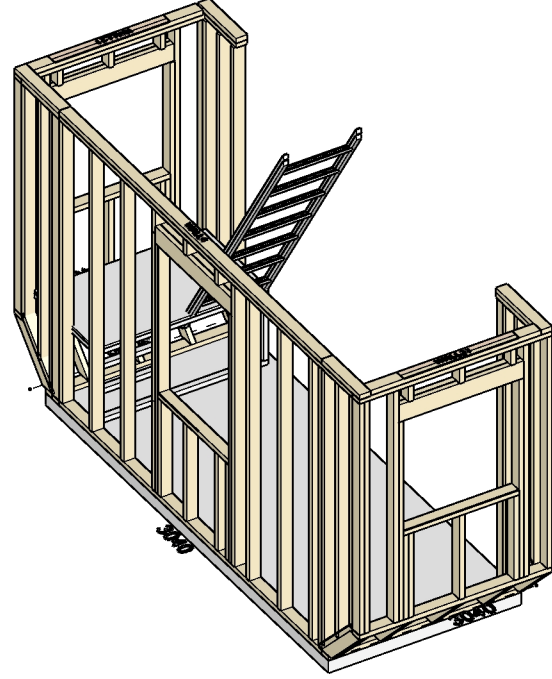
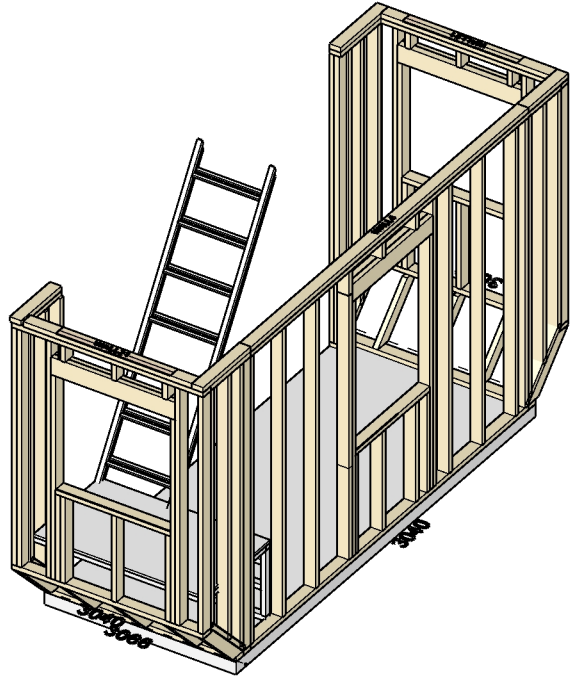
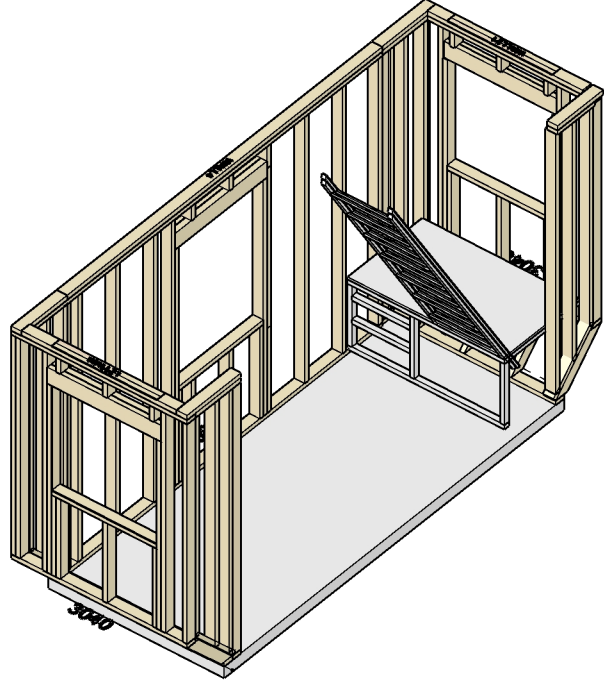


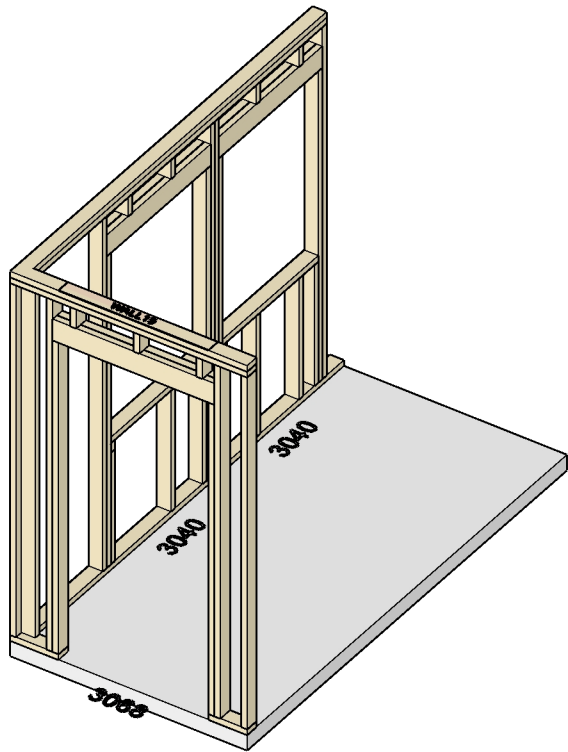
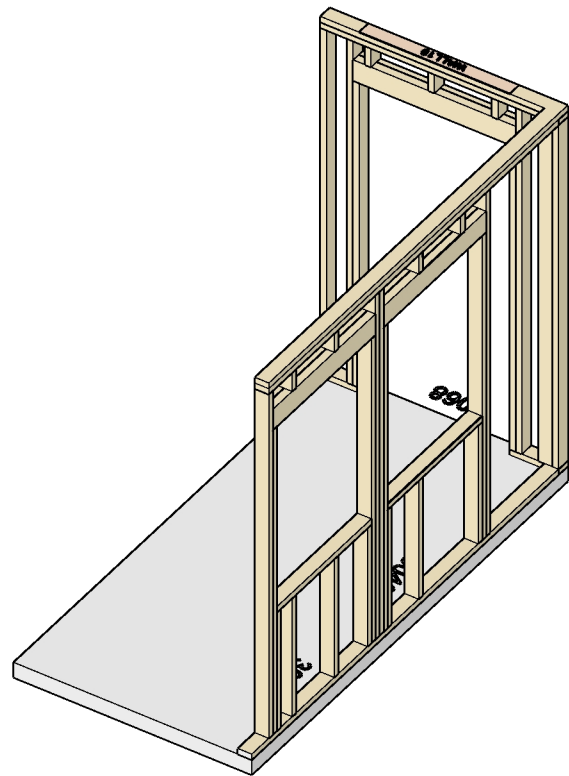
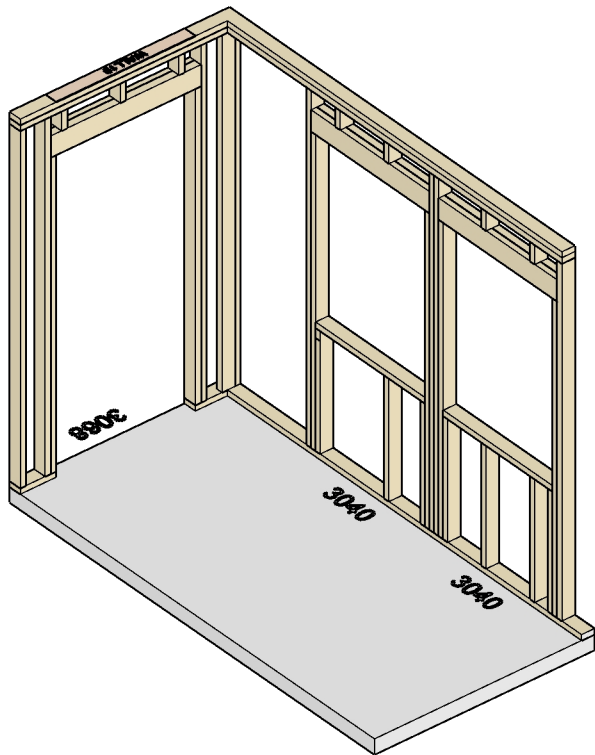
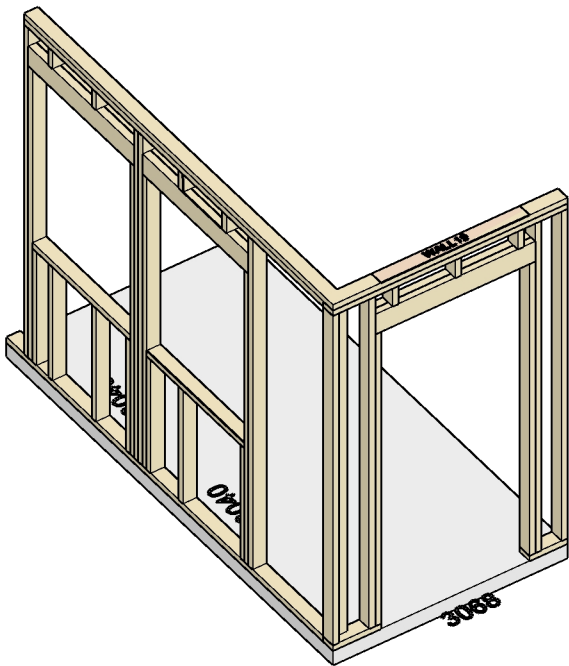
Pg. 80	Team 2	As-Built Sketchup Models	Professor Mahdi Ghafoori
	2/04/2024	BCS 1126-B	Upstairs Floorplan



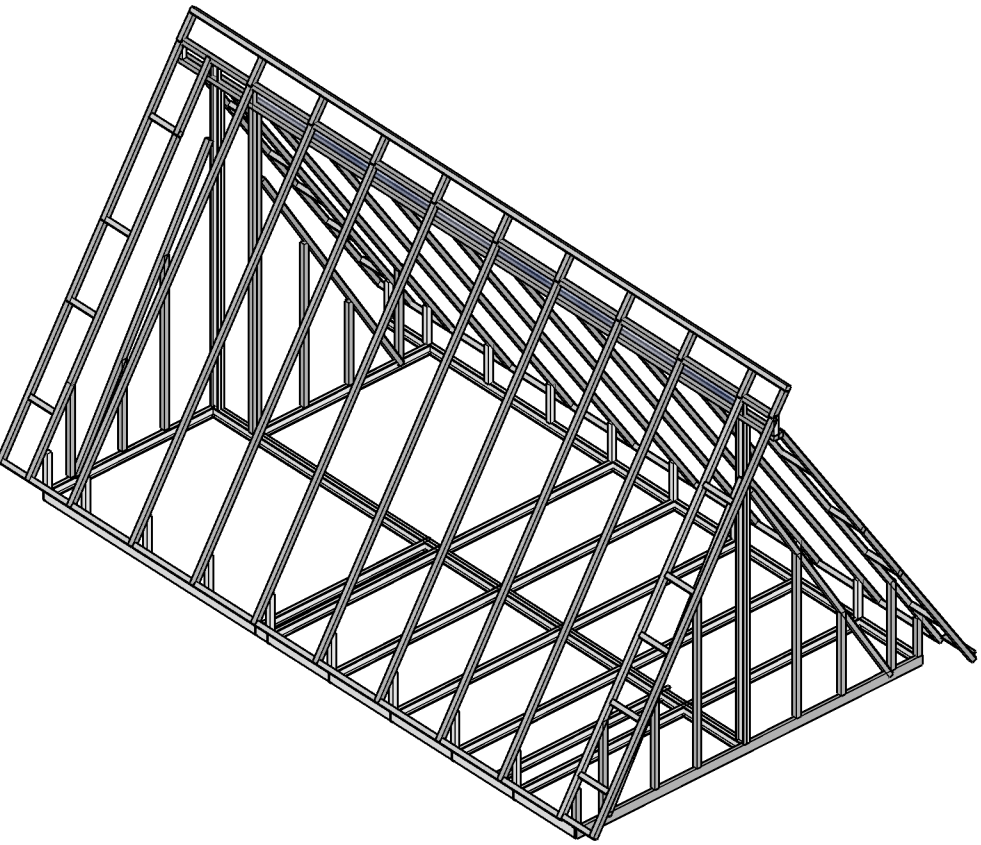
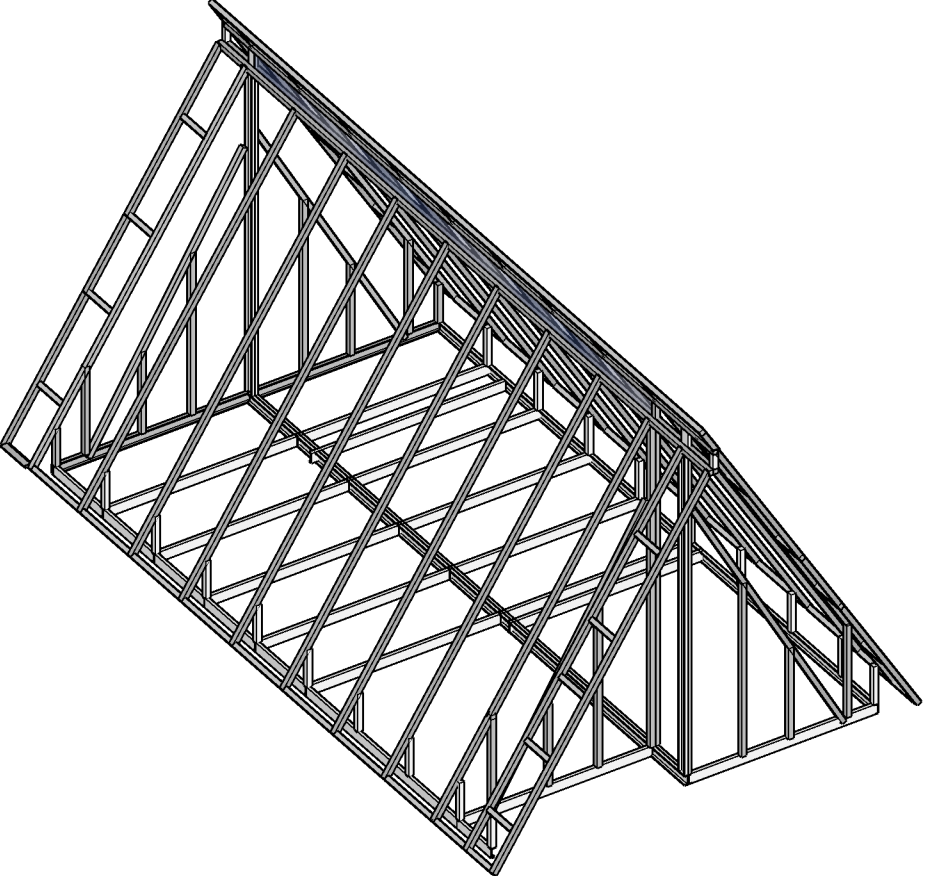
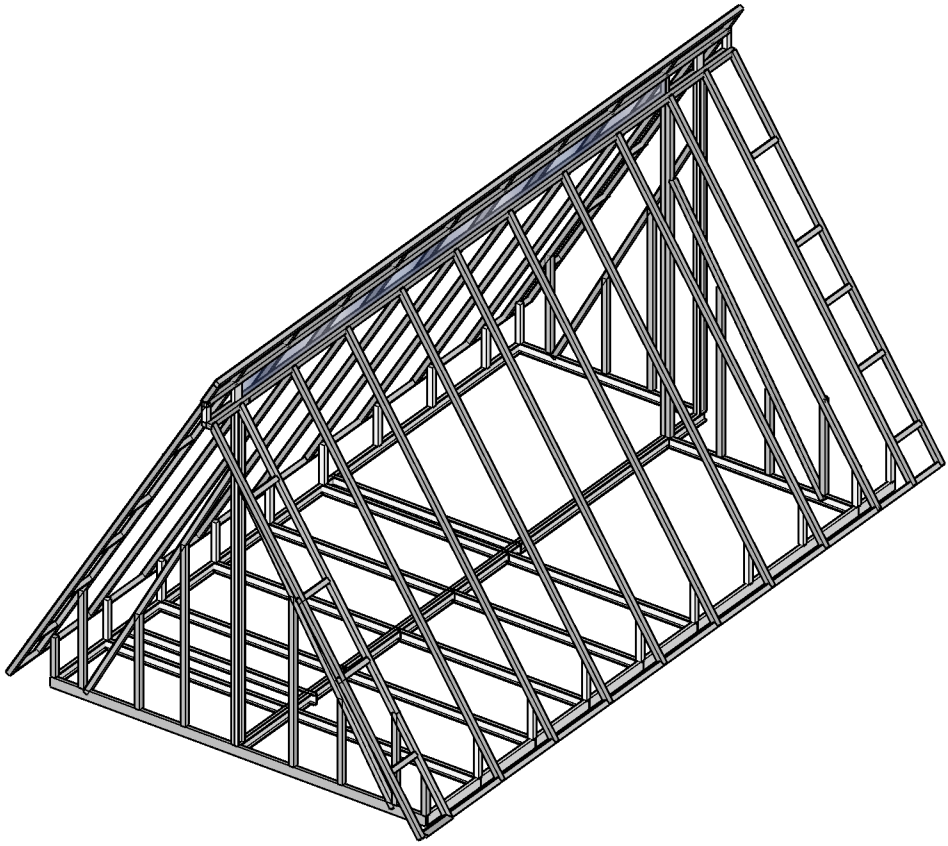
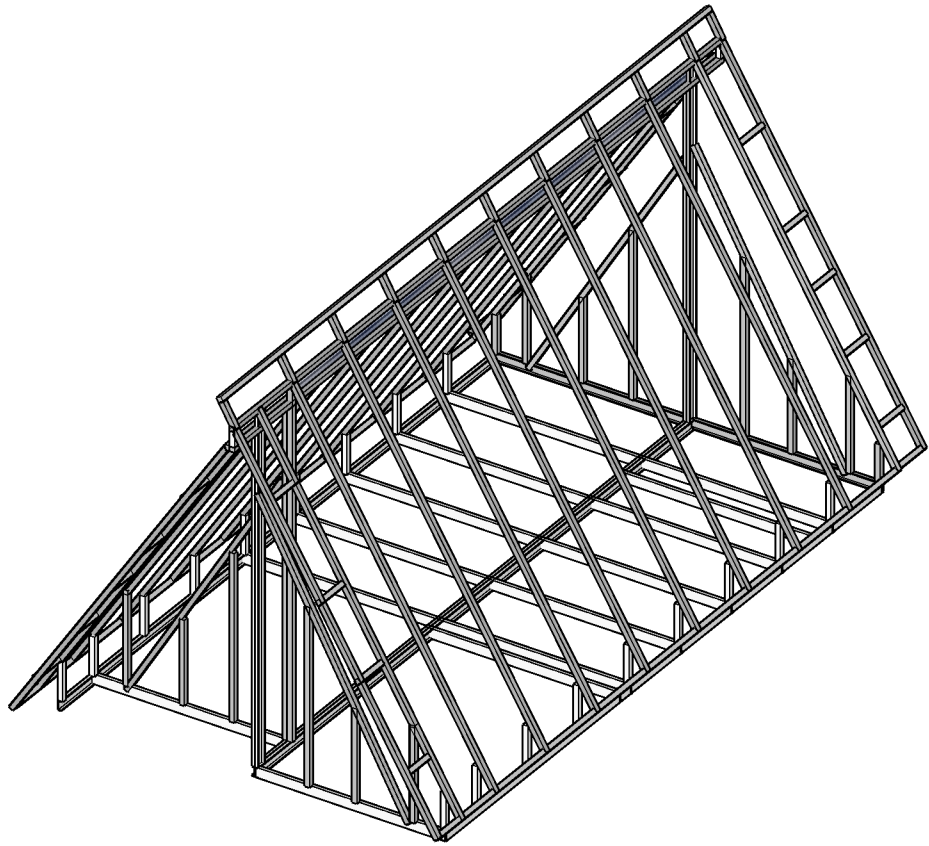






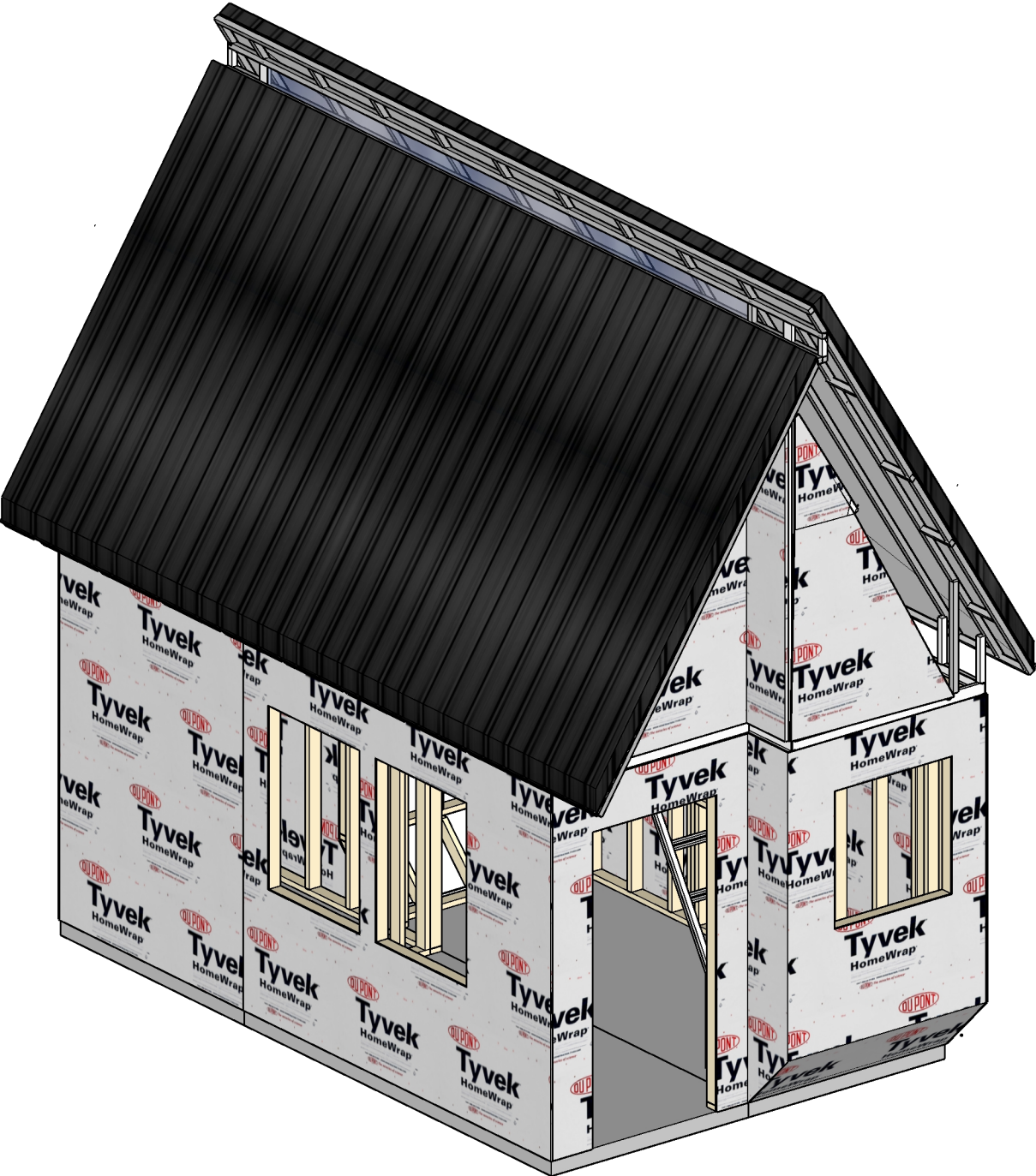






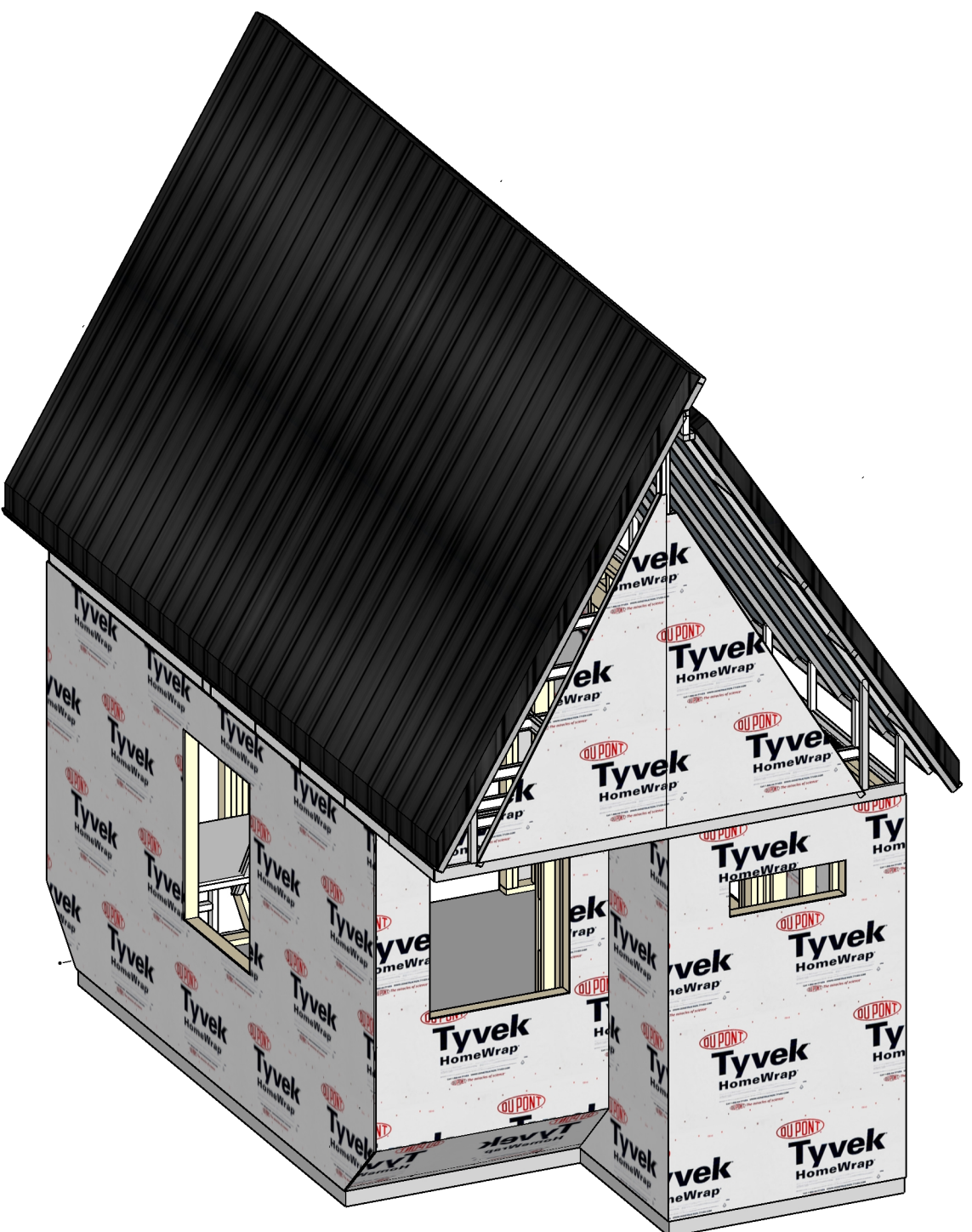
# Roofing System Shop Drawings

Team 2  
BCS 1126-B  
February 9, 2024



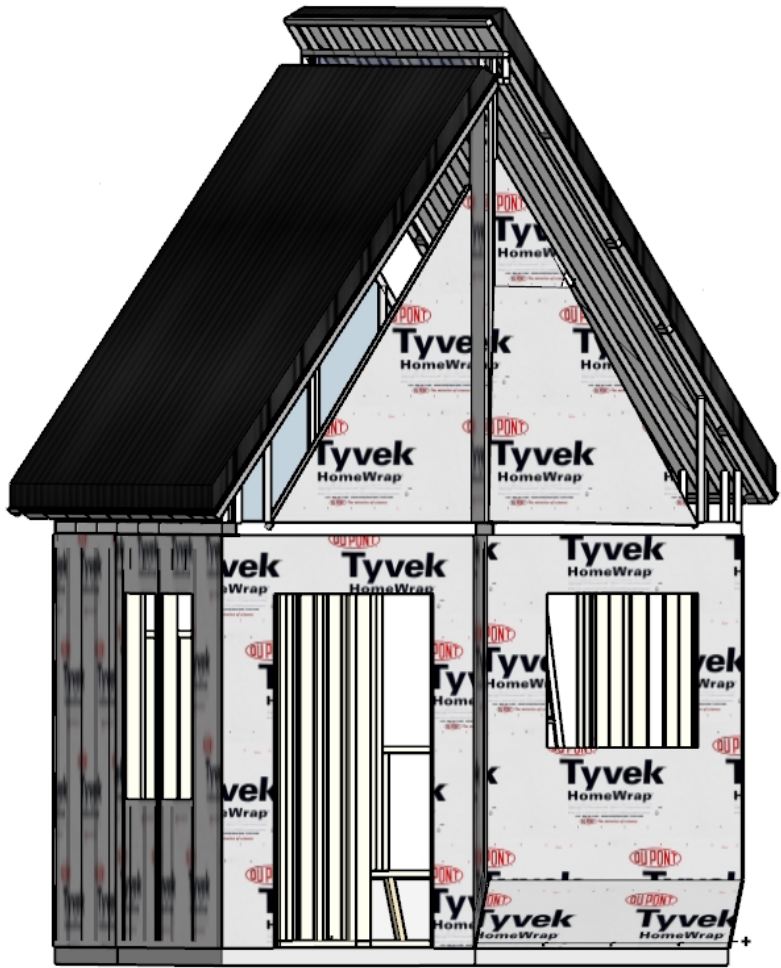
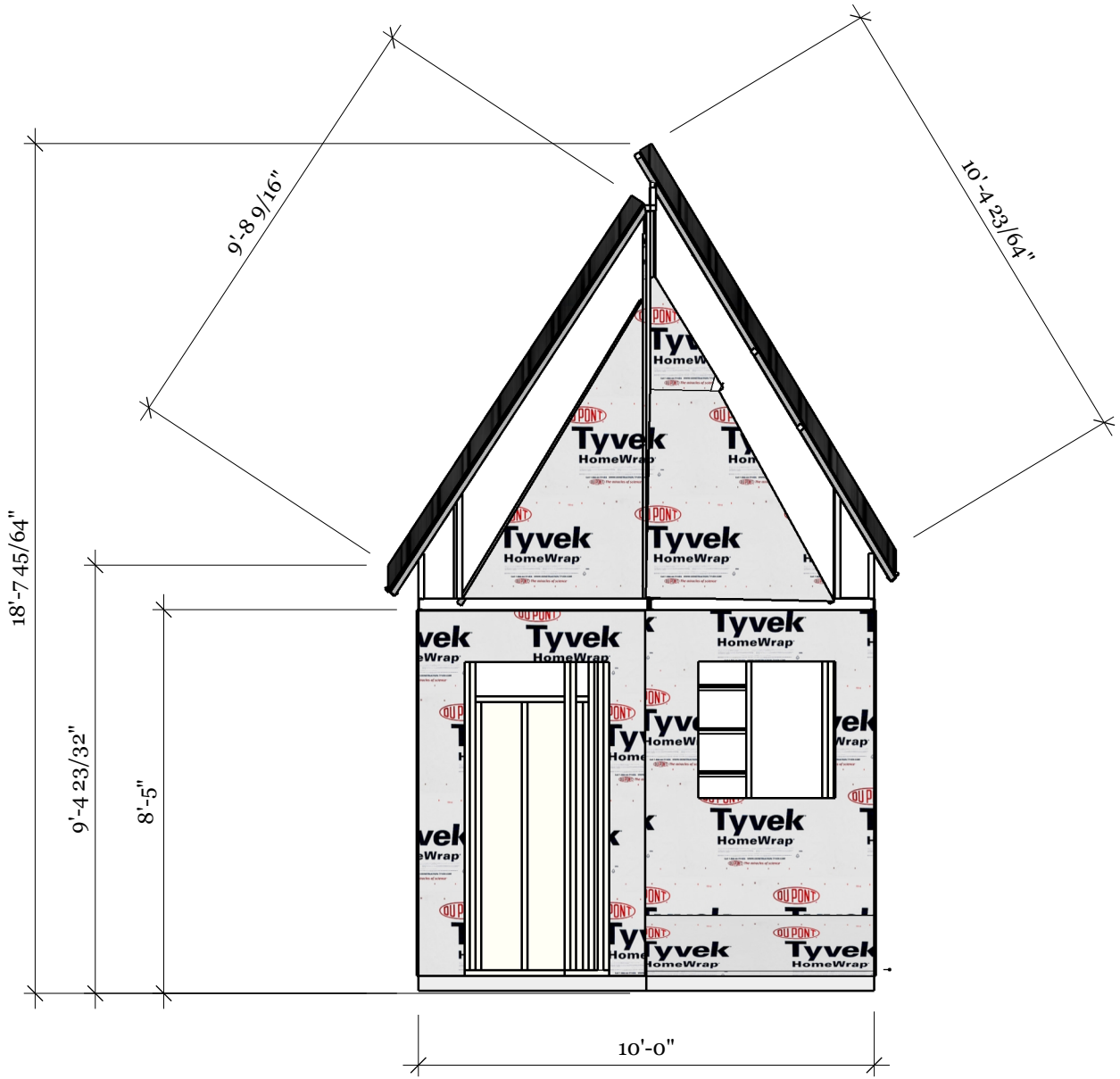




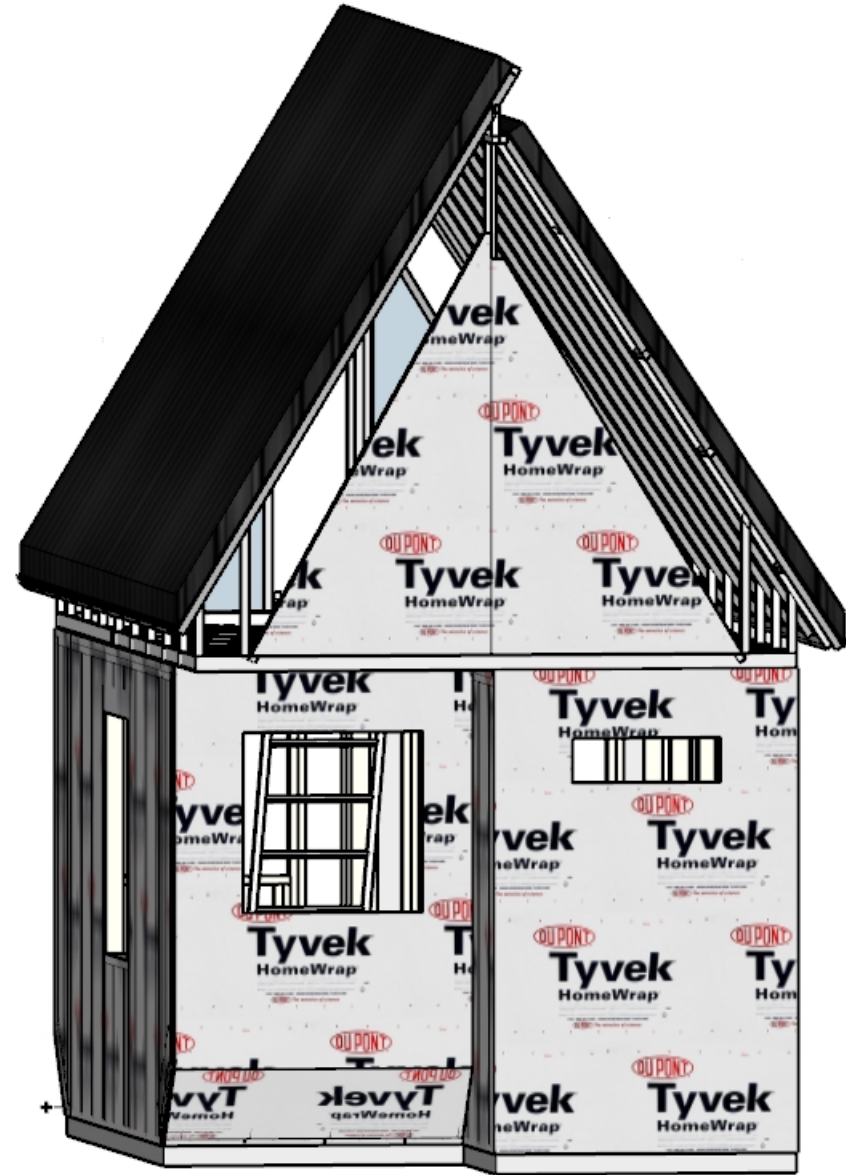
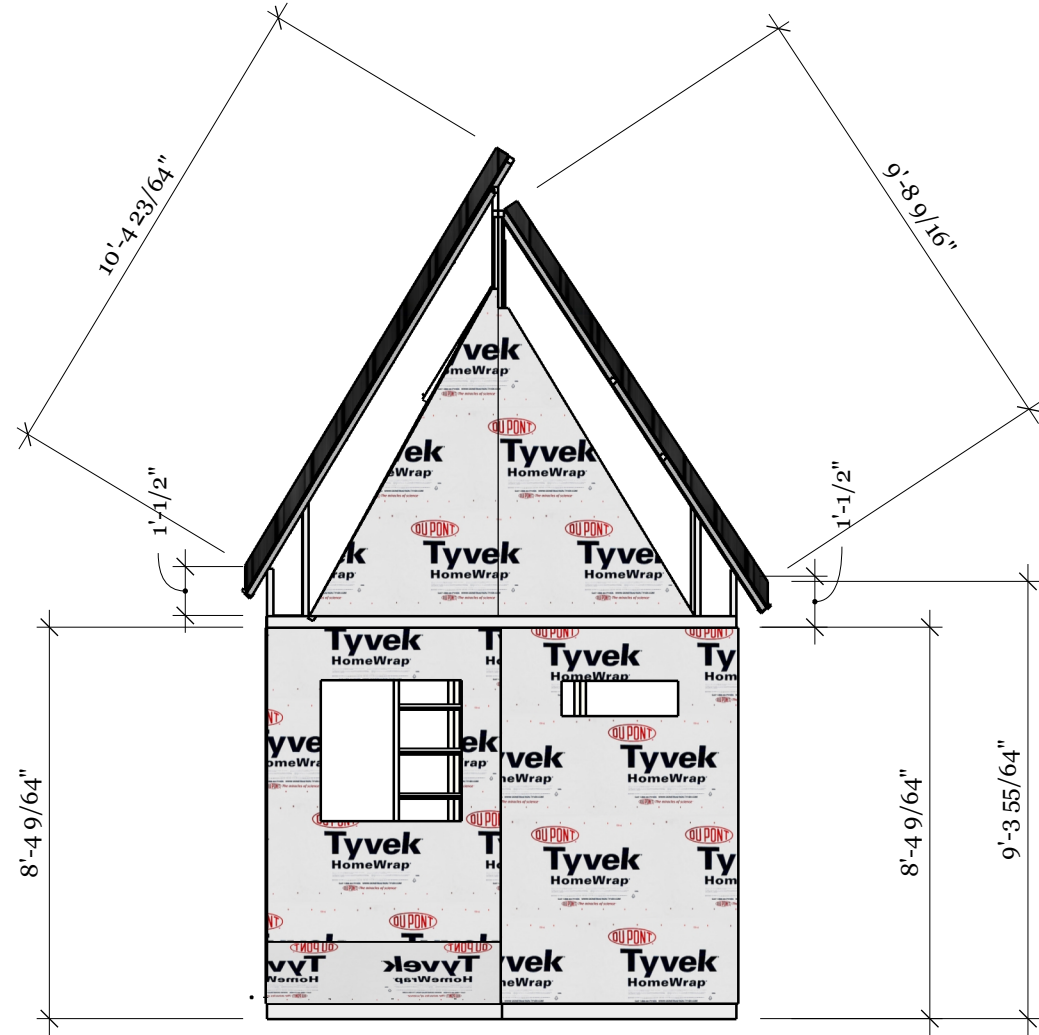




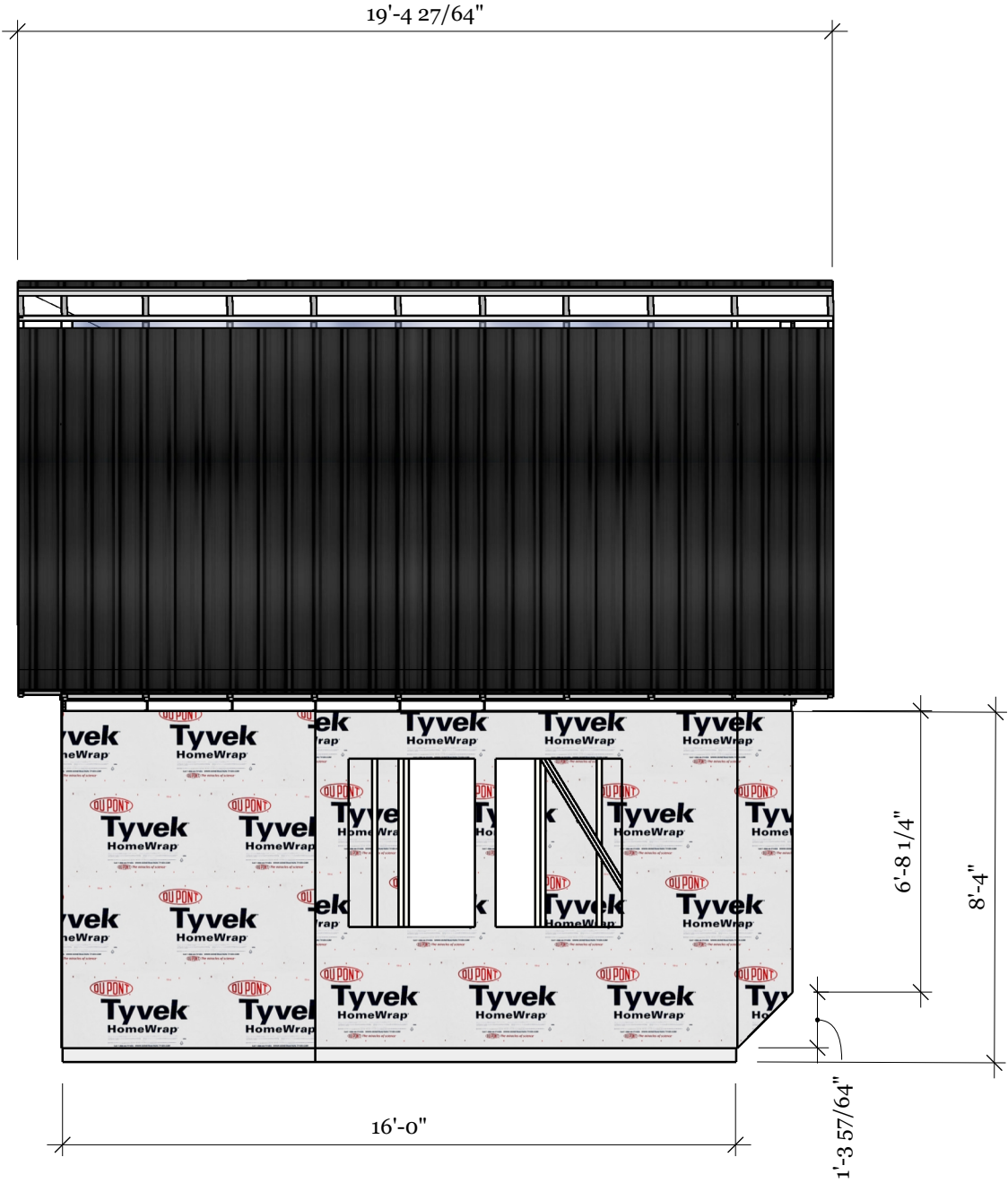


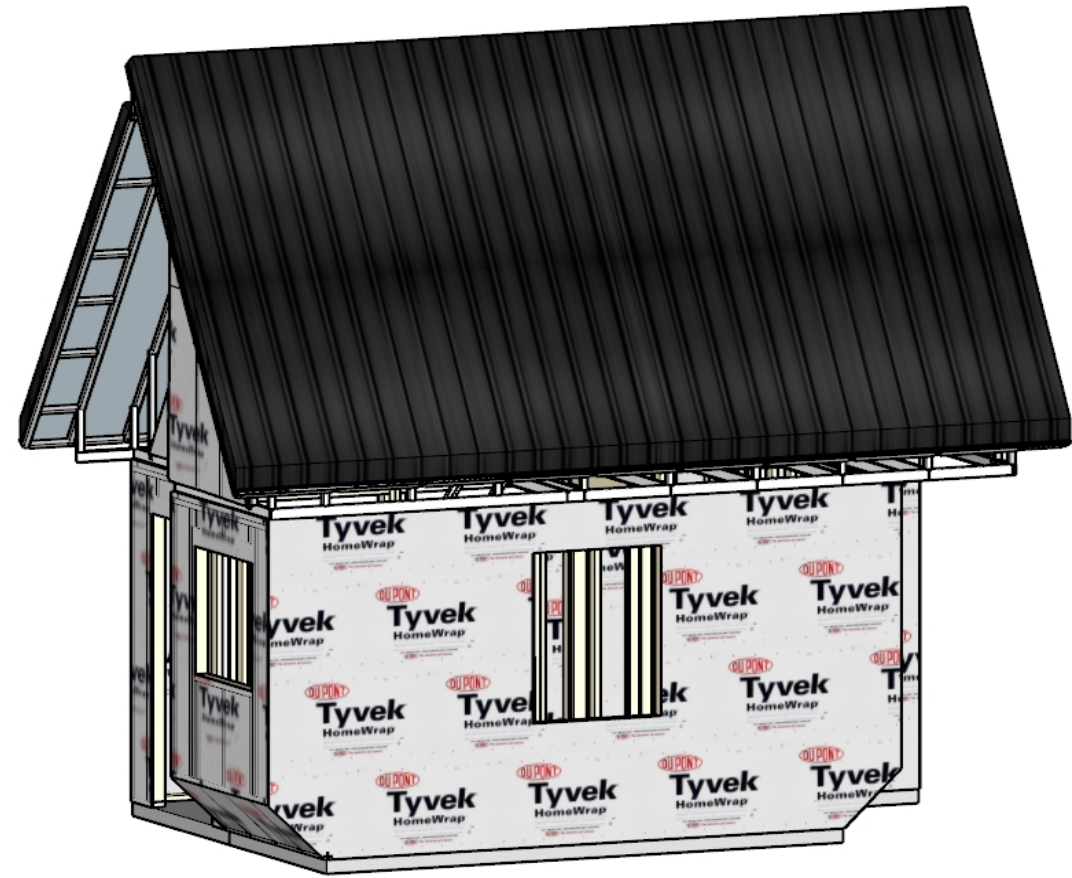
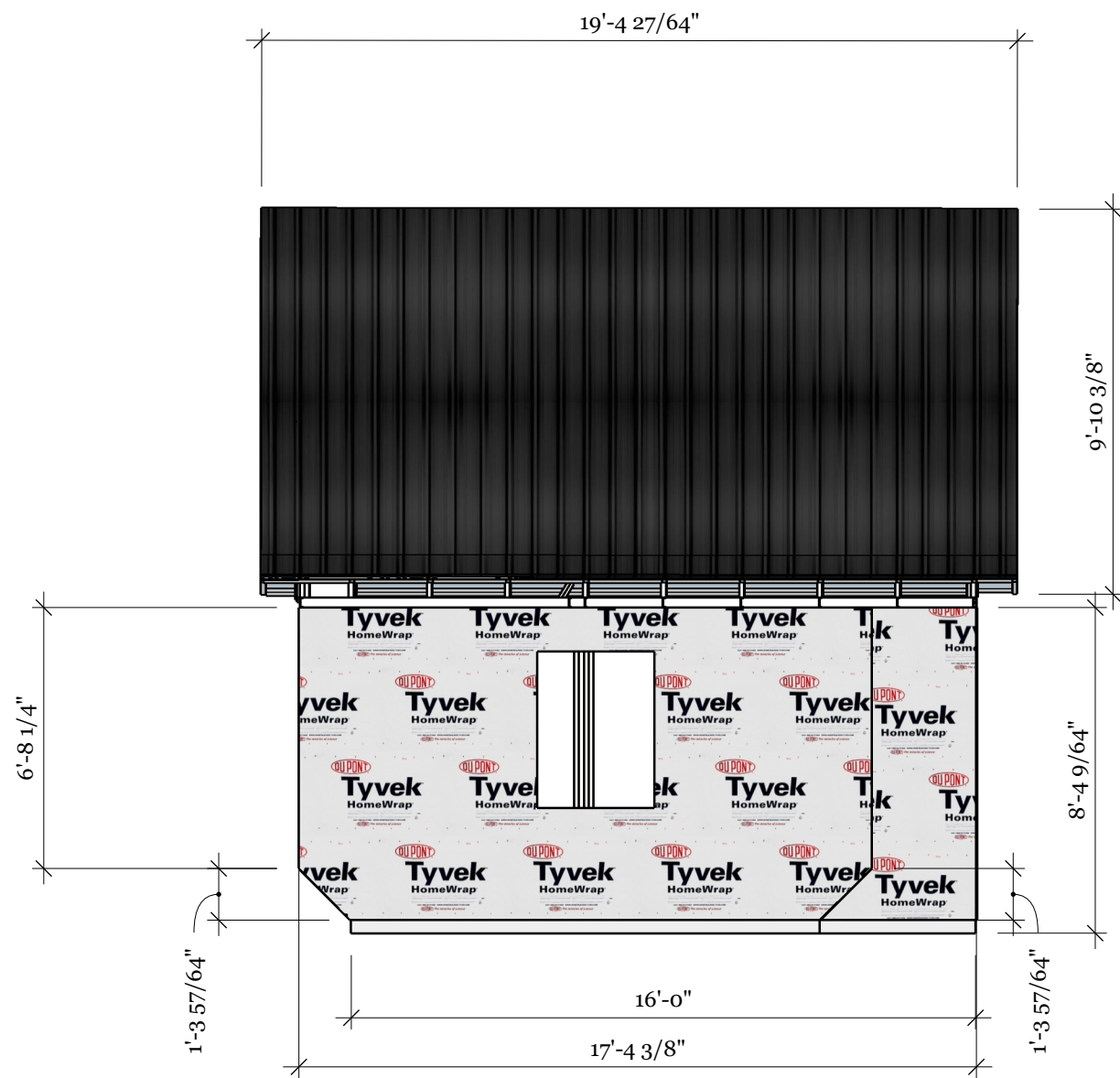


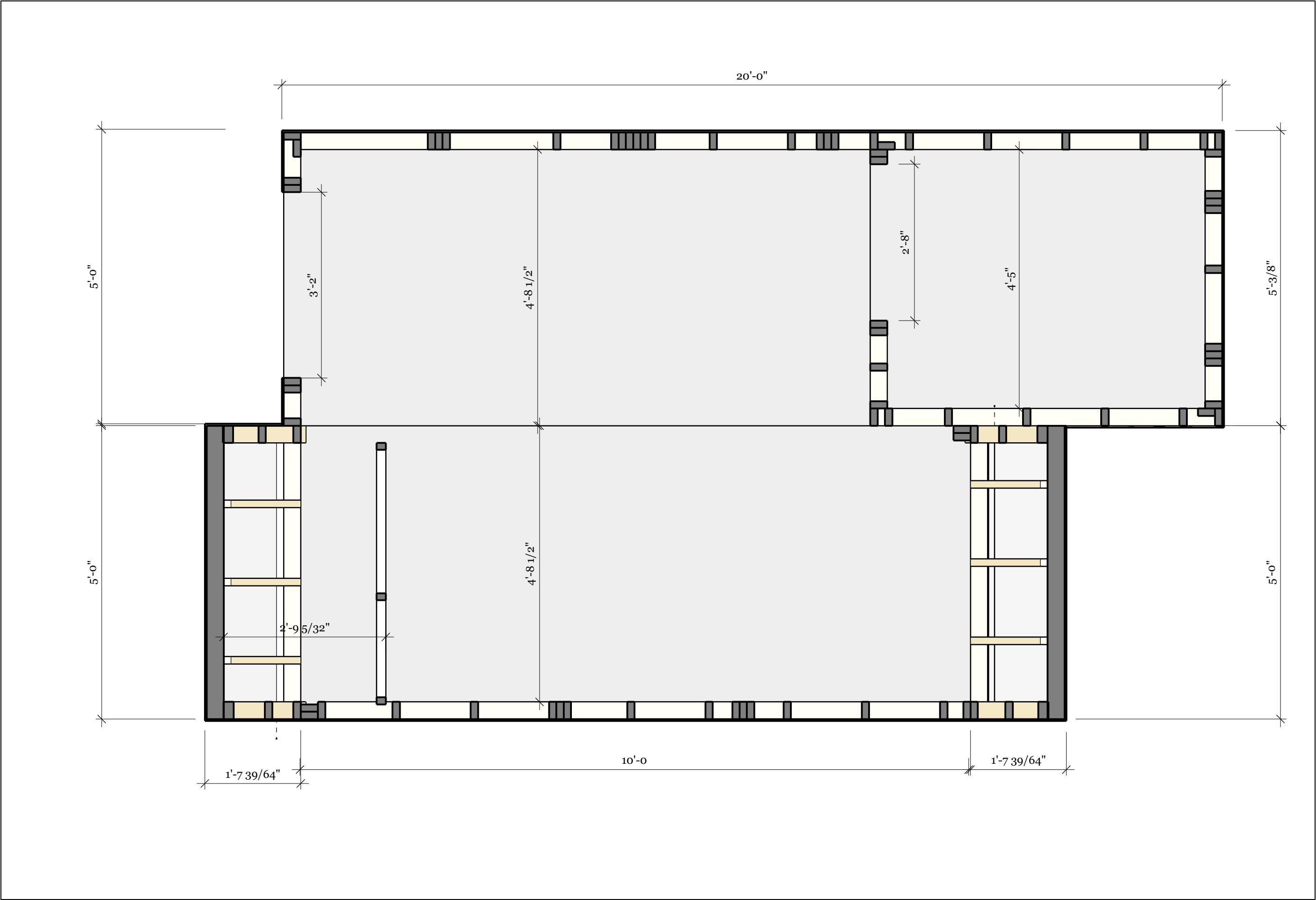
Pg. 91		Hank Chauffe	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
		02/09/2024	BCS 1126-B	Front Elevation

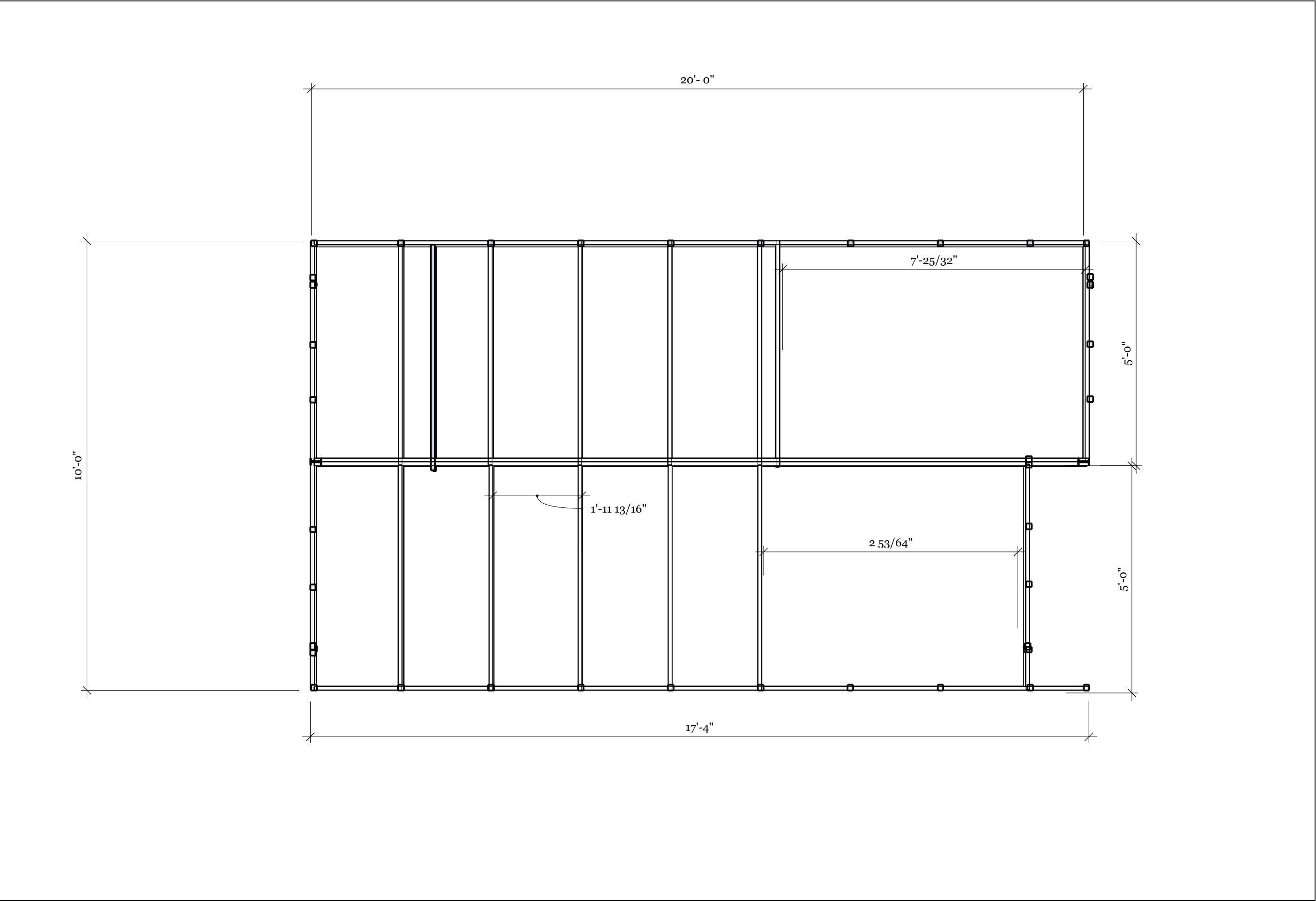


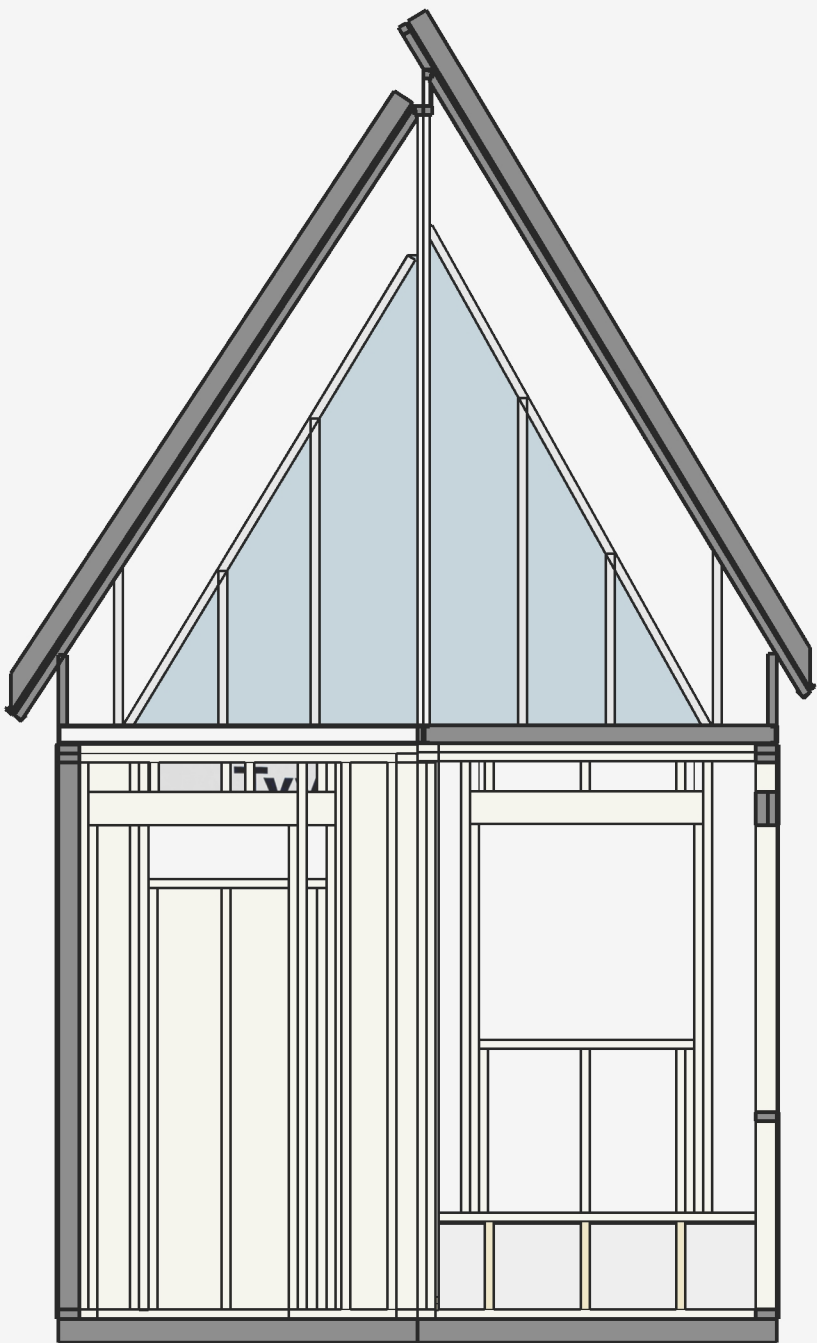
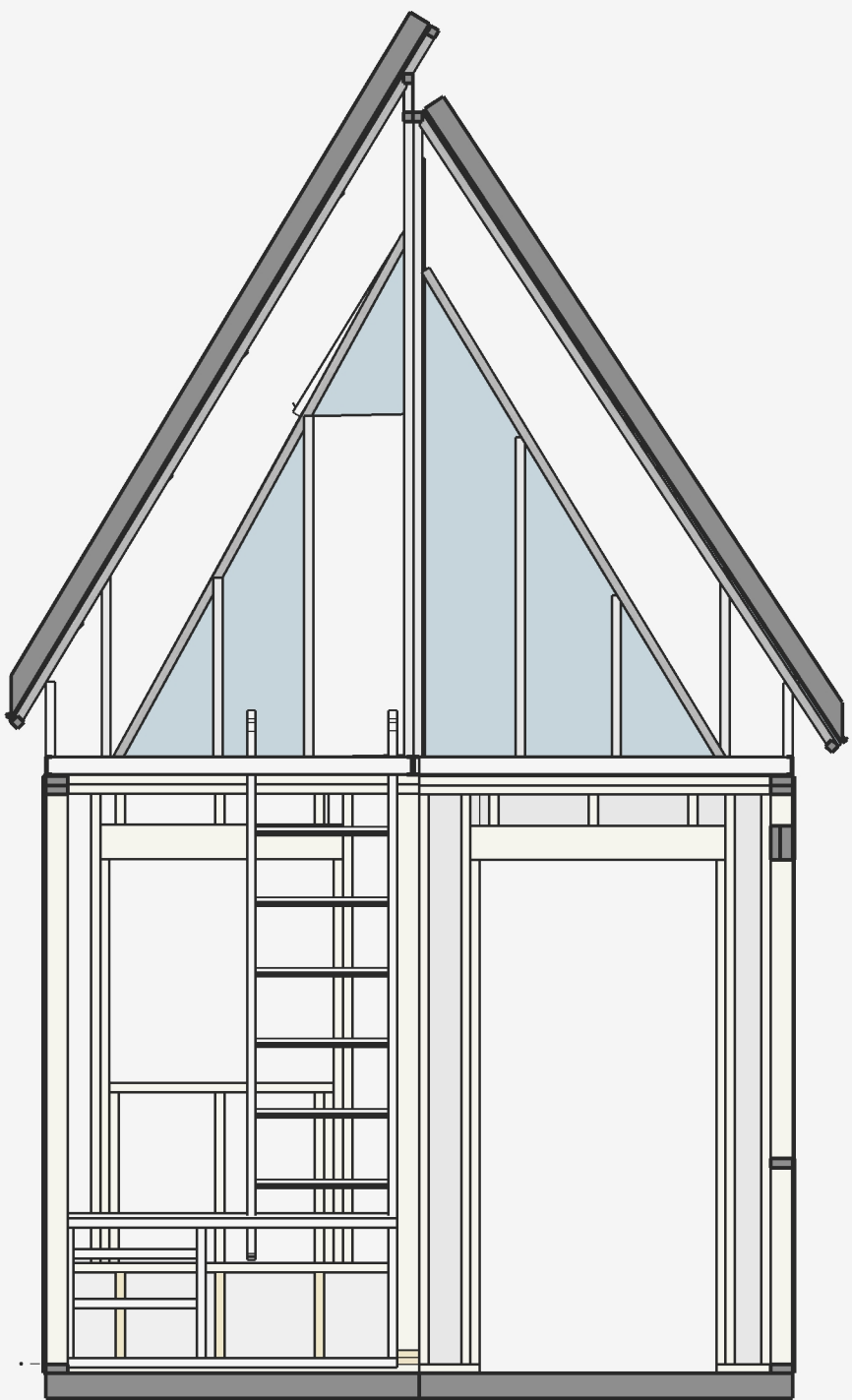






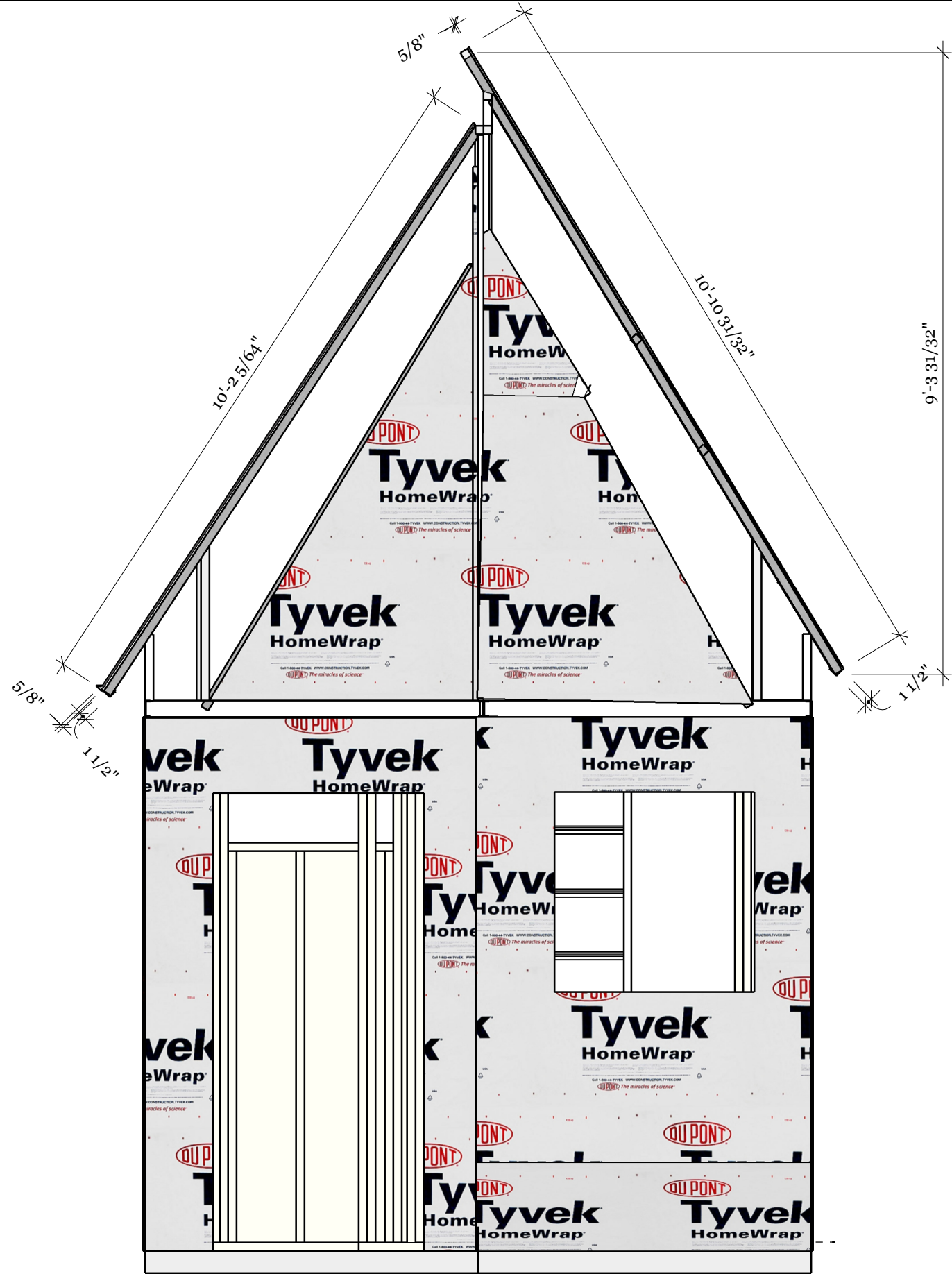


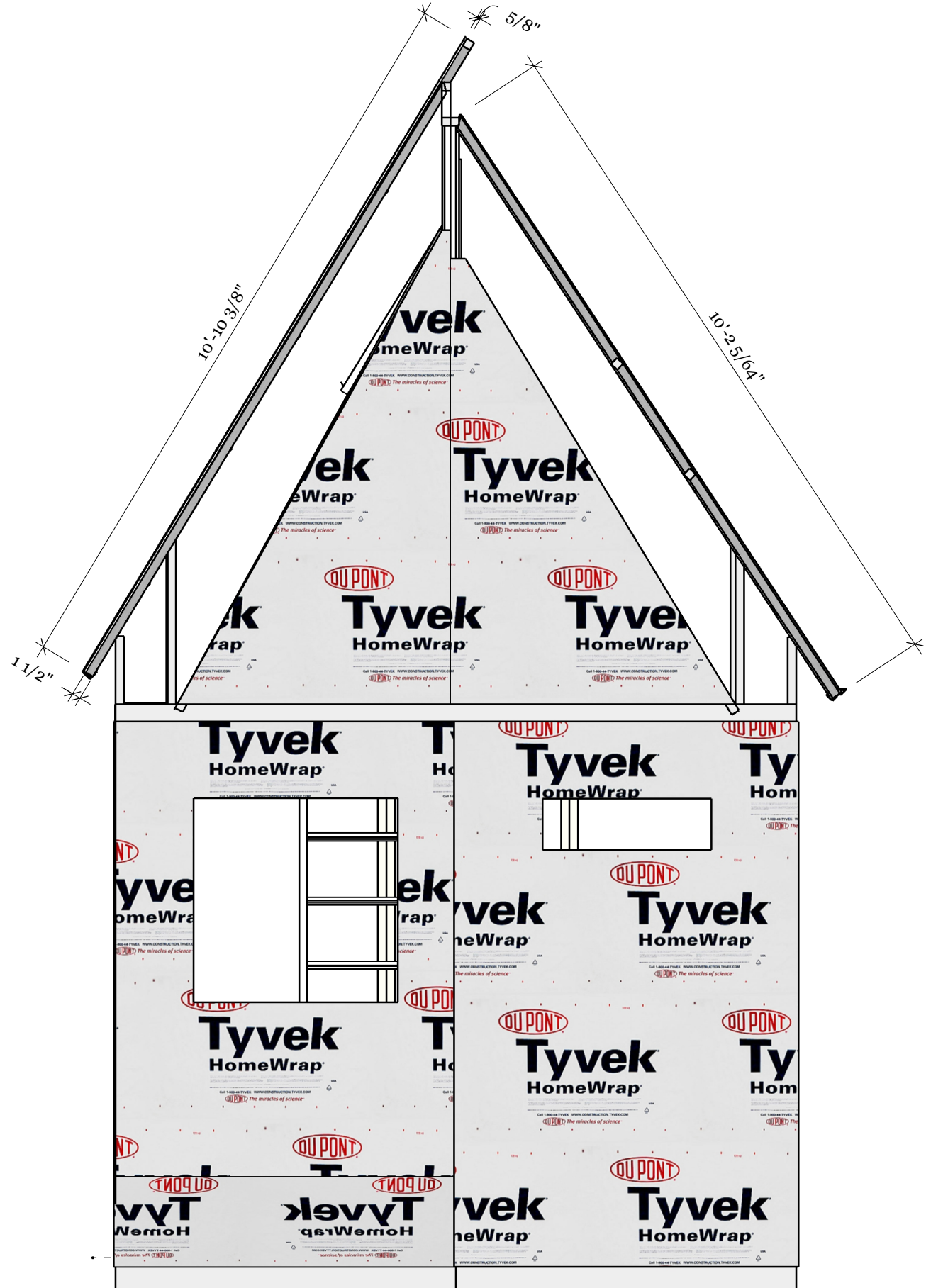






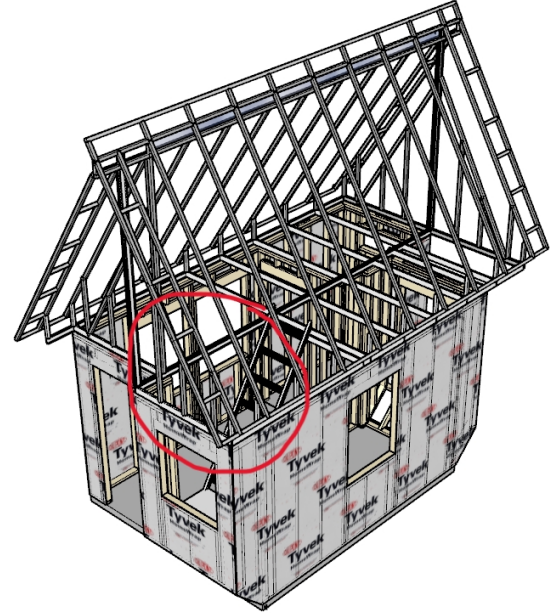
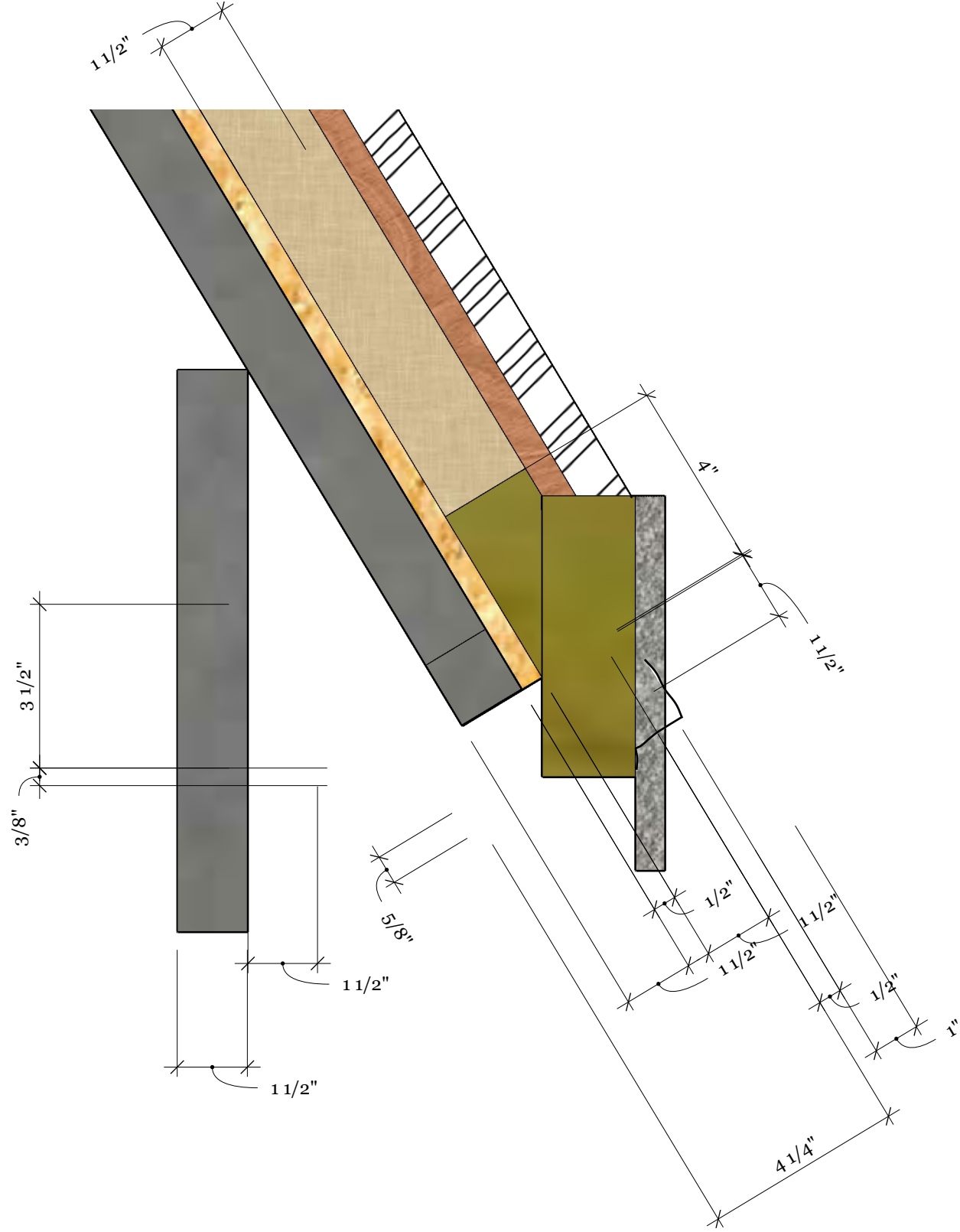






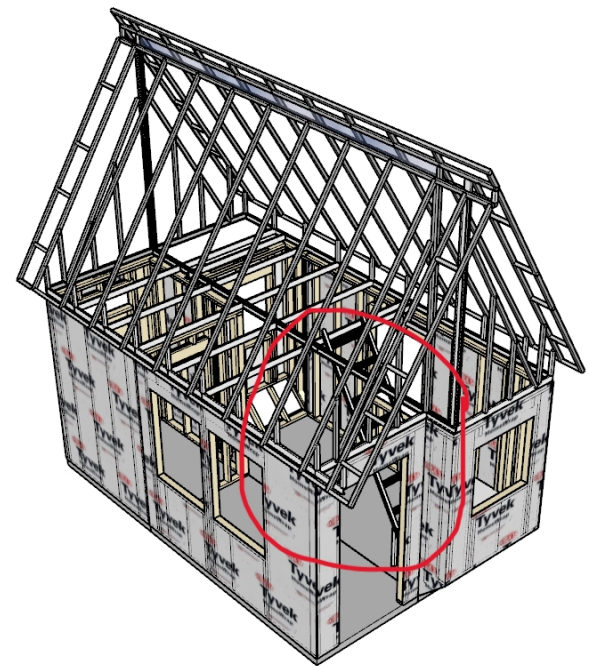
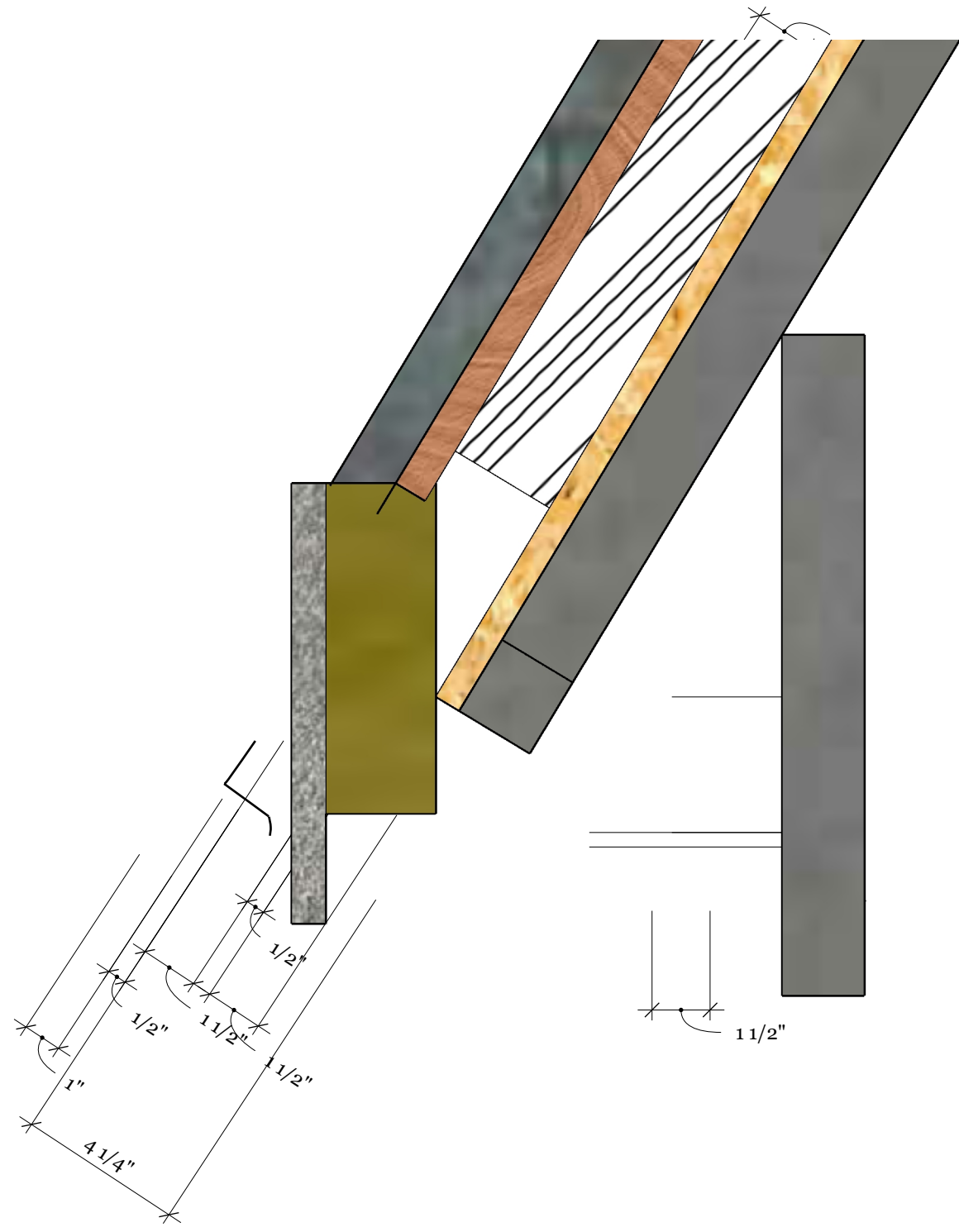
Pg. 100	Tanner Peterson	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
	02/09/2024	BCS 1126-B	Roof Elevation 2



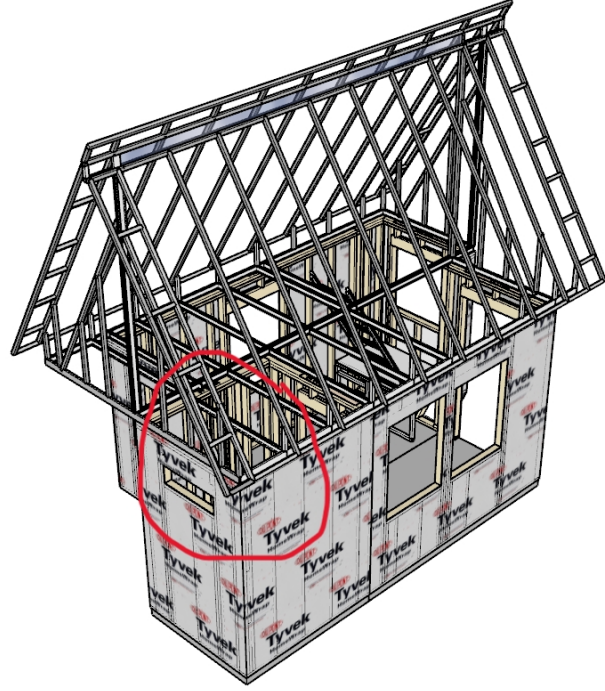
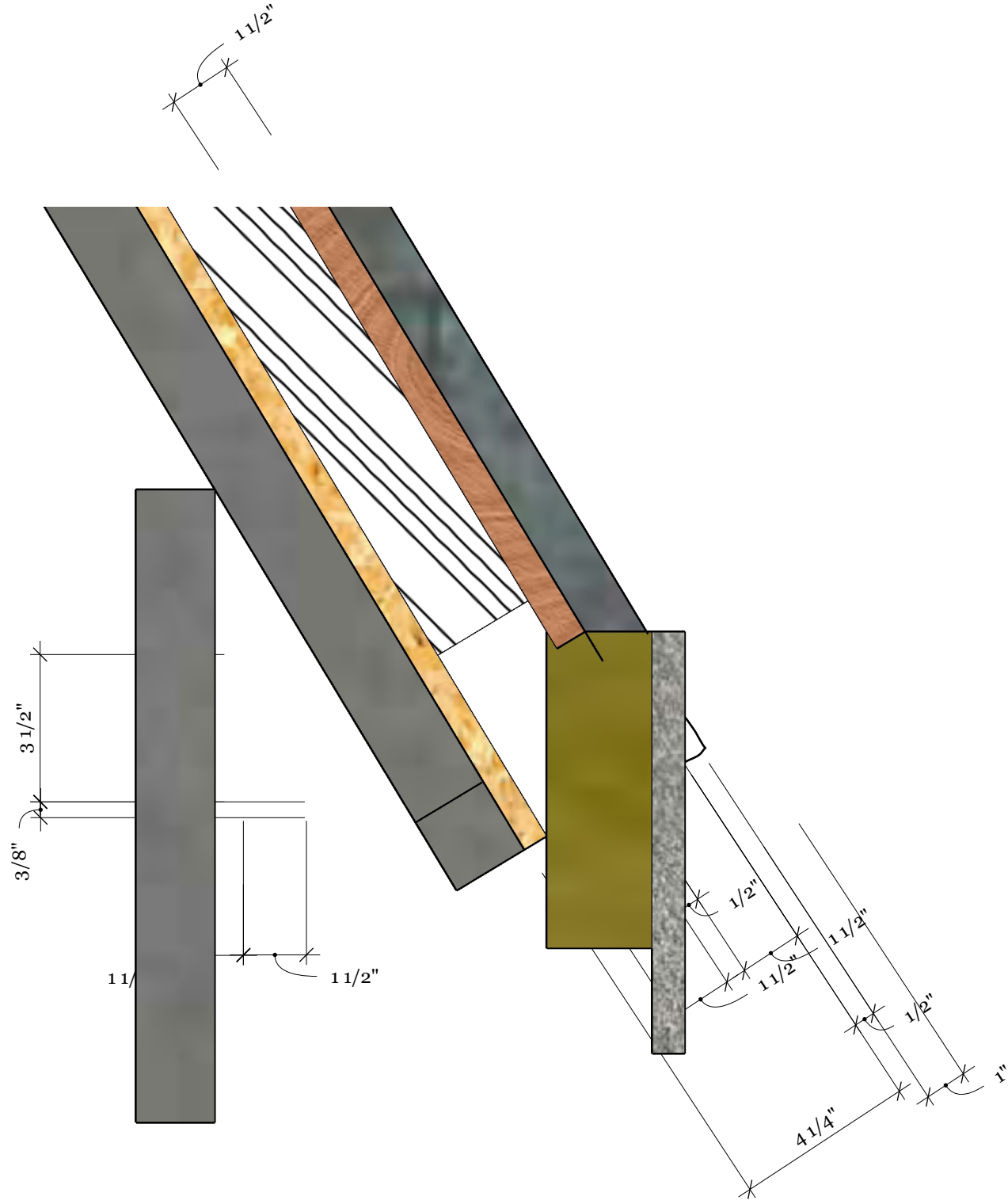


Aden Byrd	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
02/09/2024	BCS 1126-B	Roof Detail 1

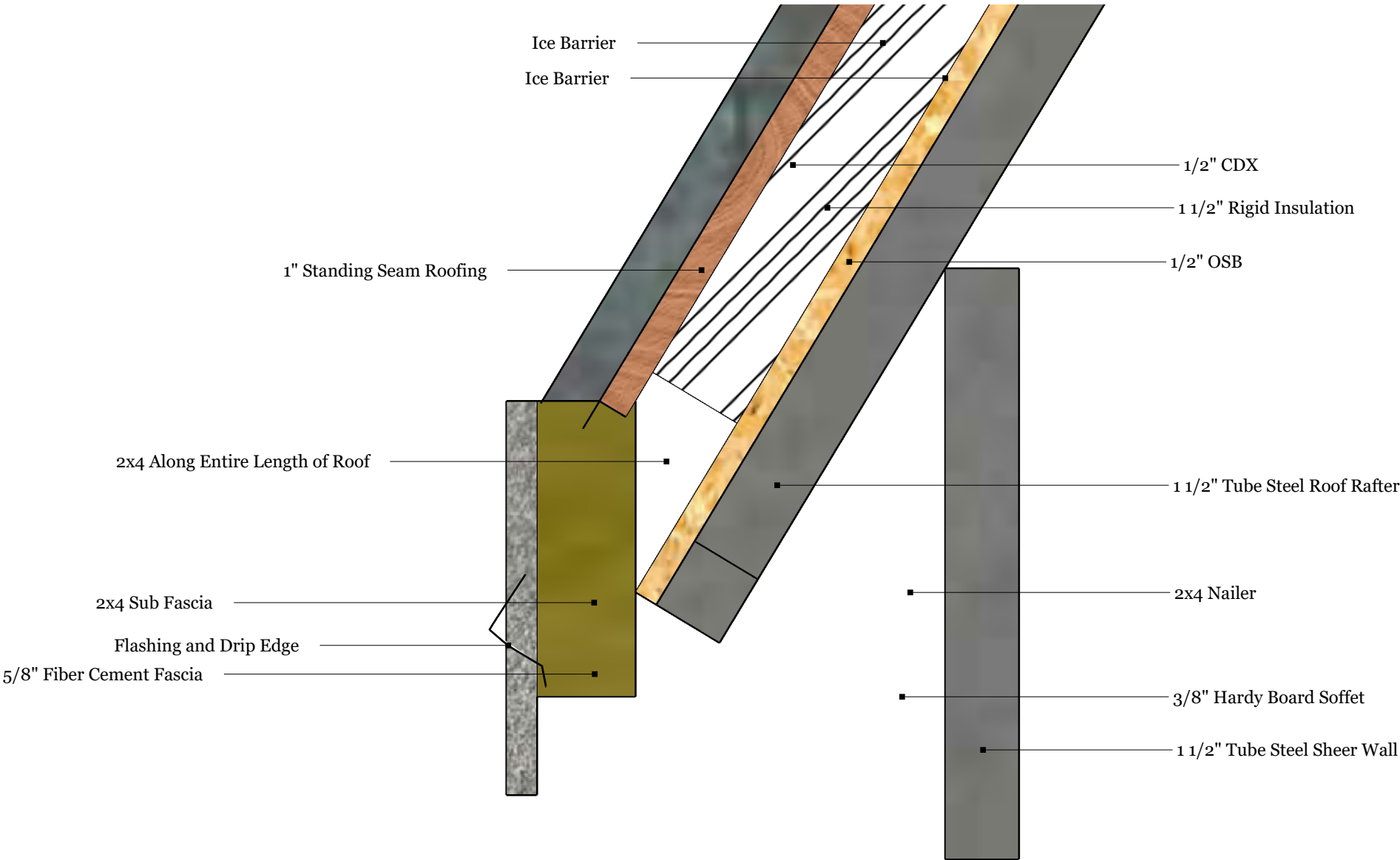




Pg. 103	Aden Byrd	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
	02/09/2024	BCS 1126-B	Roof Detail 3



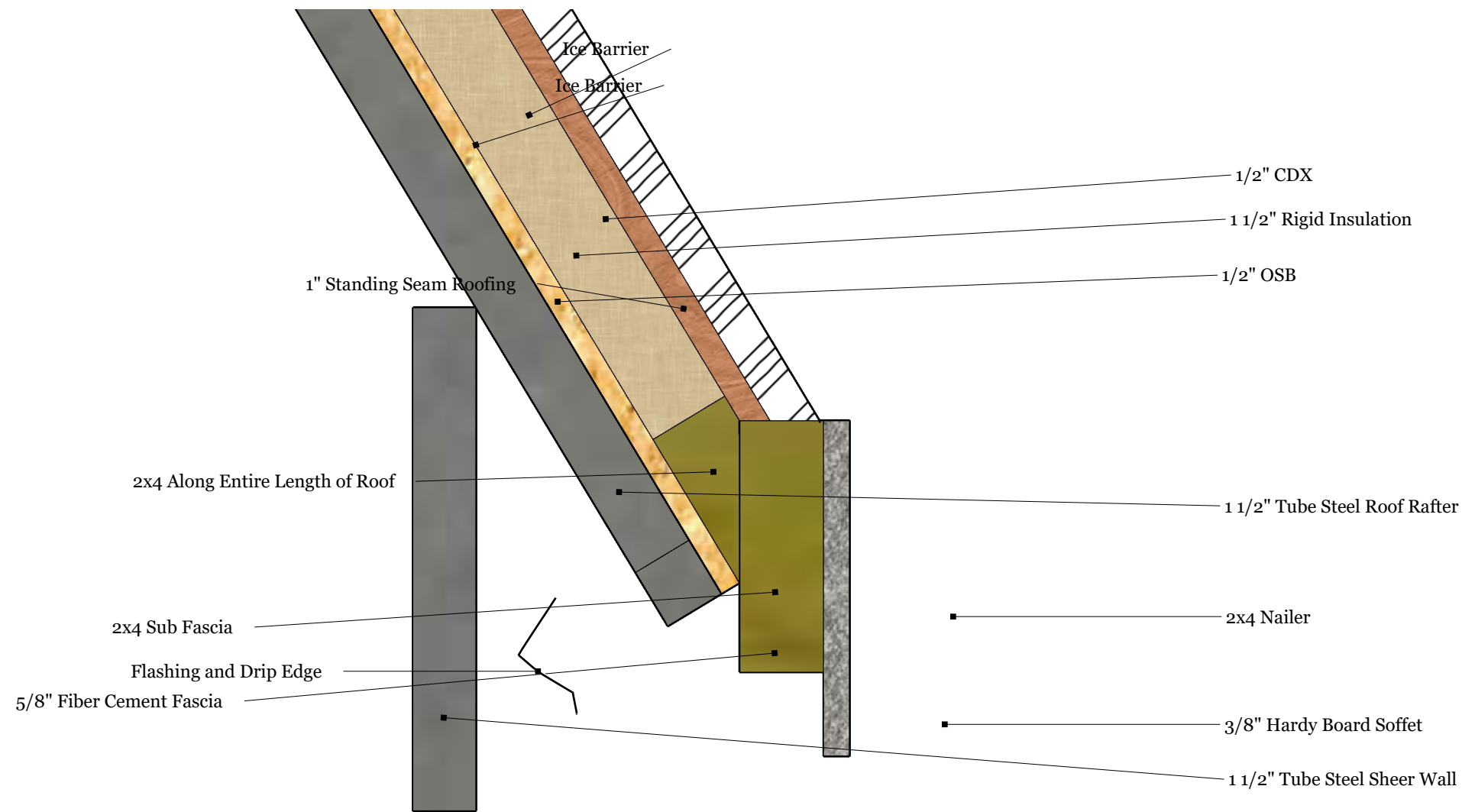




All materials and installation processes are the same.

- Installation Process:
1. Nail a 2x4 along the length of the roof.
  2. Install sub Fascia.
  3. Install 1 1/2" rigid insulation.
  4. Install Ice barrier on top of insulation and sub fascia.
  5. Install fiber cement fascia.
  6. Lay down the CDX plywood.
  7. Install flashing and drip edge.
  8. Install standing seam.
  9. Attach 2x4 nailer.
  10. Install the soffet.

Clayton Jeenkins	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
	02/09/2024	Roof Detail 5
Pg. 105		



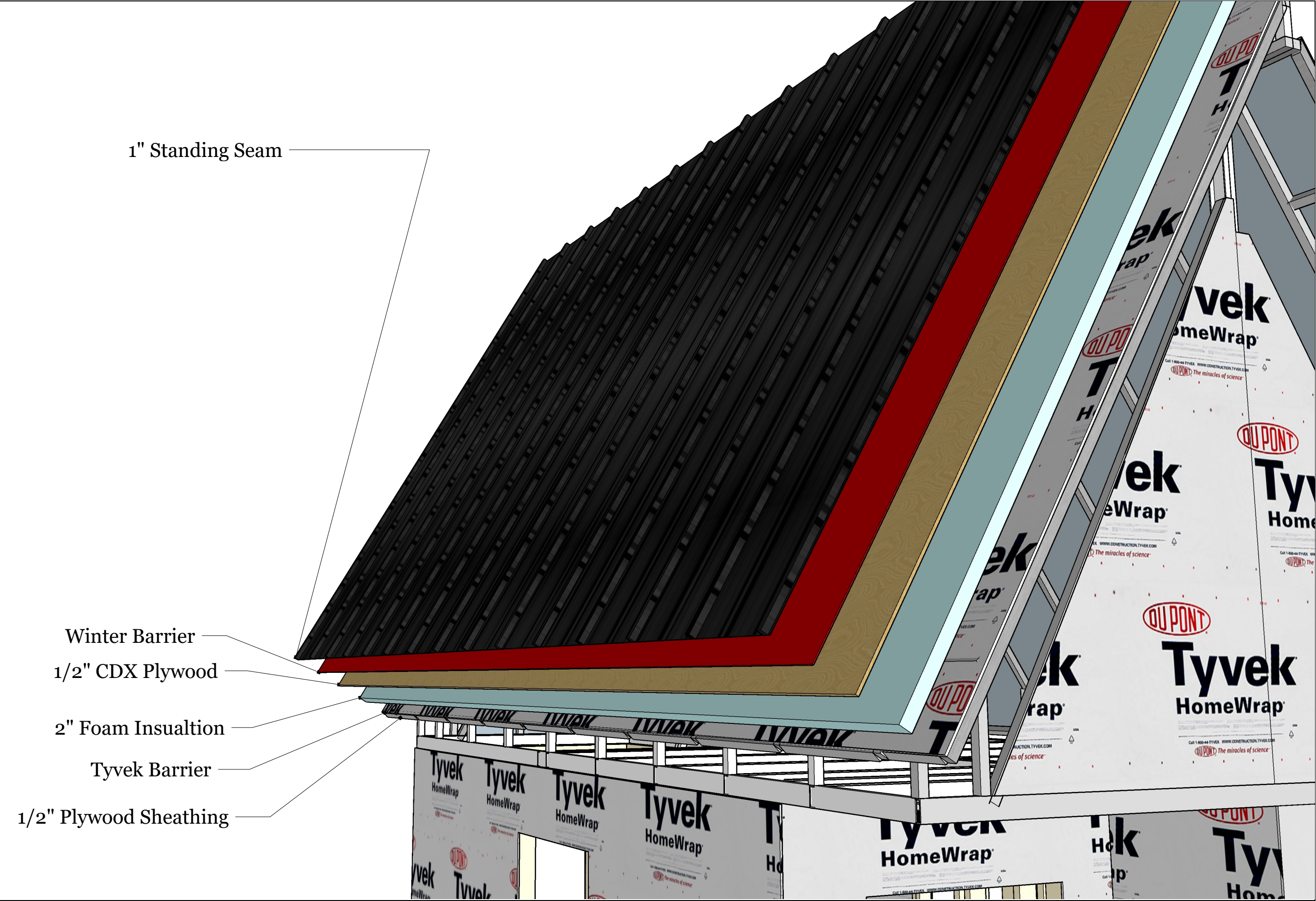
All materials and installation processes are the same.

- Installation Process:
1. Nail a 2x4 along the length of the roof.
  2. Install sub Fascia.
  3. Install 1 1/2" rigid insulation.
  4. Install Ice barrier on top of insulation and sub fascia.
  5. Install fiber cement fascia.
  6. Lay down the CDX plywood.
  7. Install flashing and drip edge.
  8. Install standing seam.
  9. Attach 2x4 nailer.
  10. Install the soffet.

Clayton Jeenkins	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
	02/09/2024	Roof Detail 6

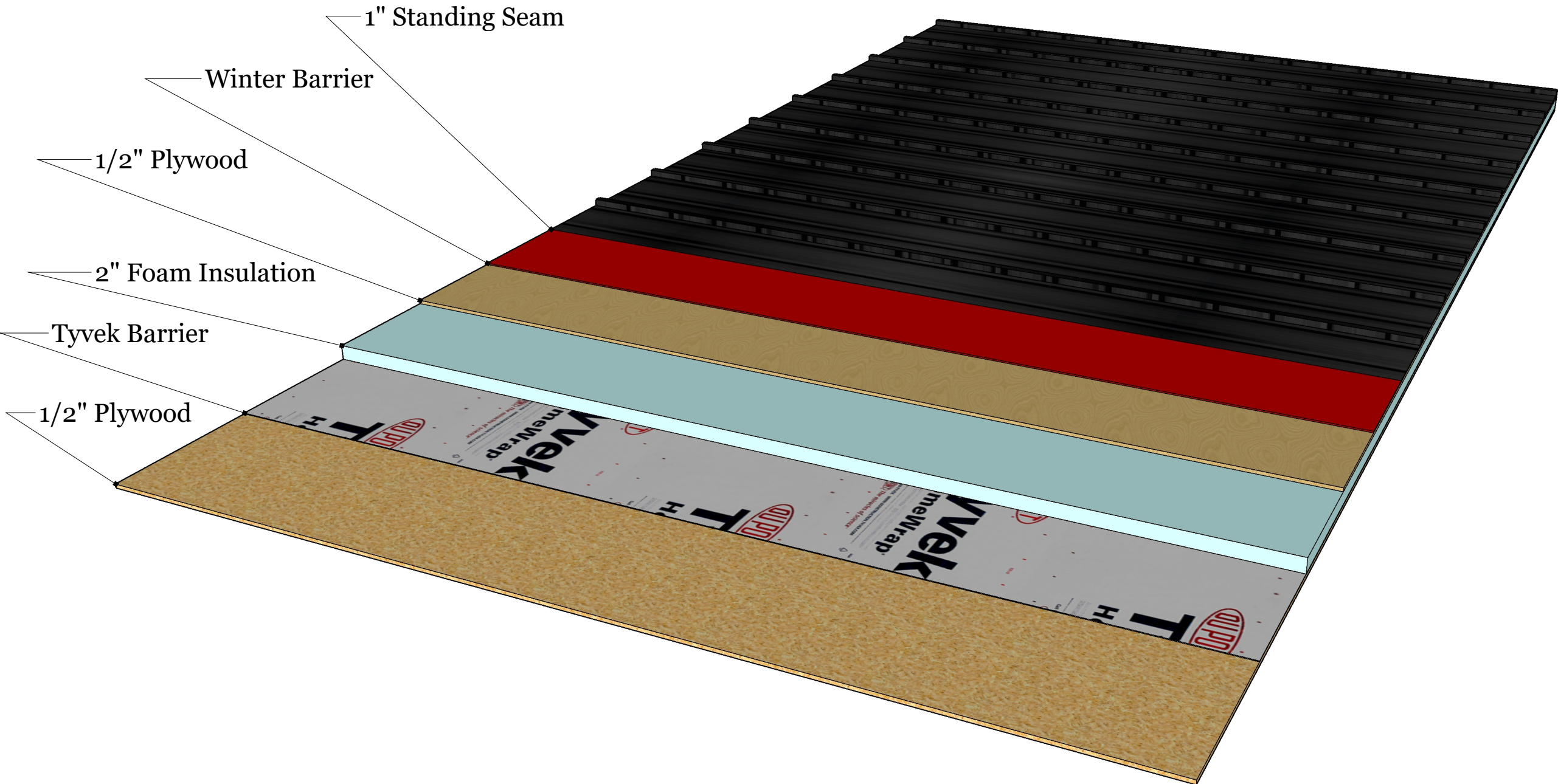
Pg. 106





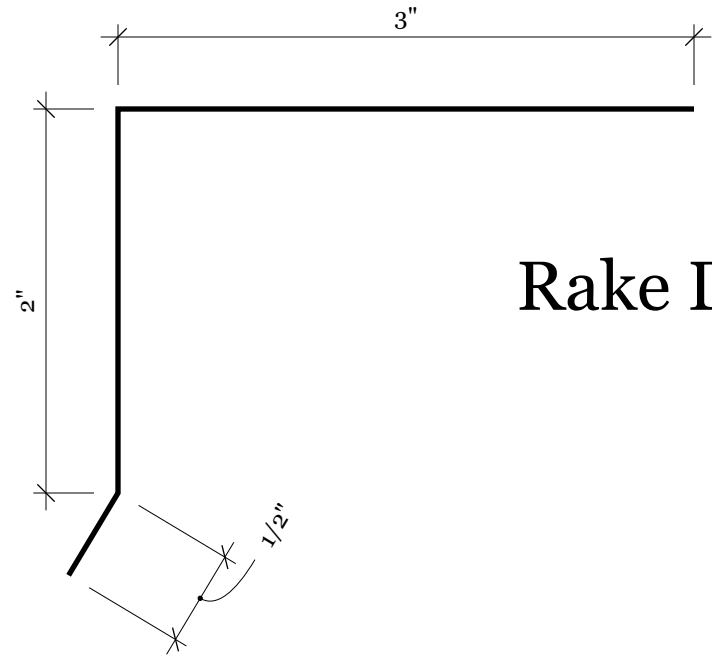
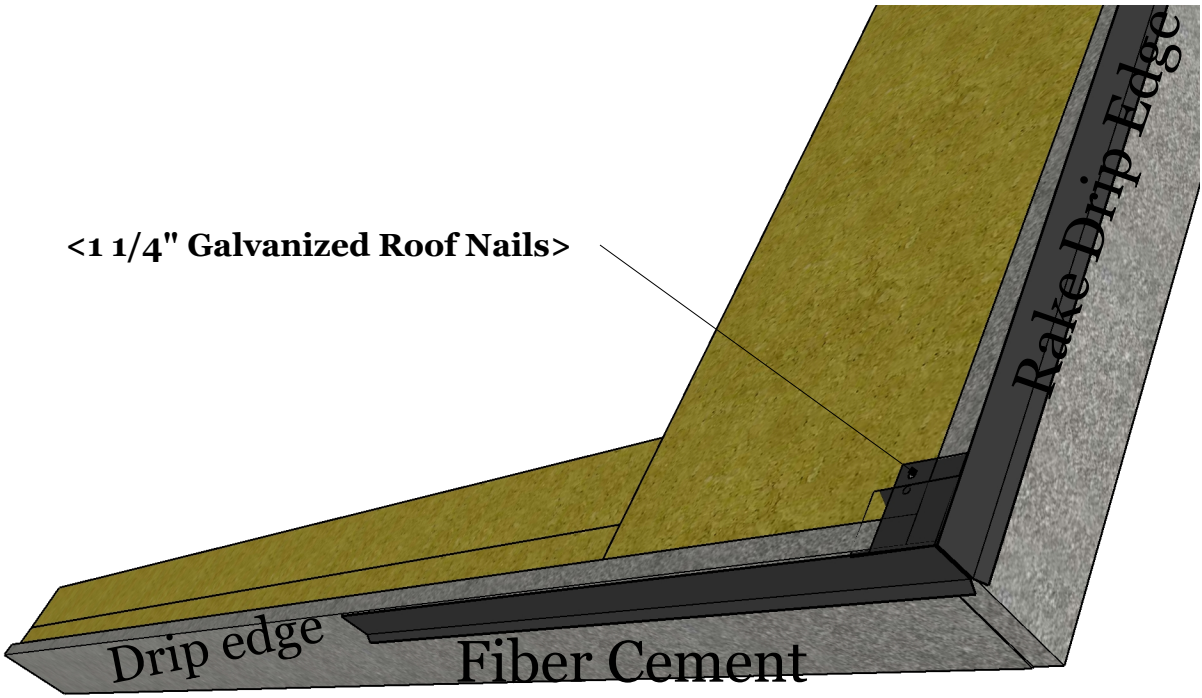
Professor Mahdi Ghafoori	Roof Layers 1
Roofing System Shop Drawings 2	BCS 1126-B
Philip Patrolia	02/09/2024
Pg. 107	



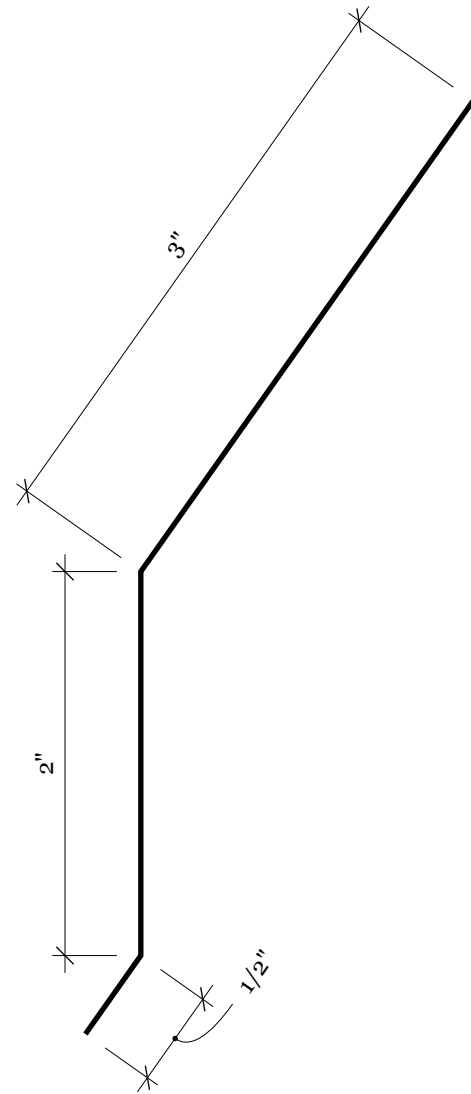


Pg. 108	Philip Patrolia	Roofing System Shop Drawings 2	Professor Mahdi Ghafoori
	02/09/2024	BCS 1126-B	Roof Layers 2

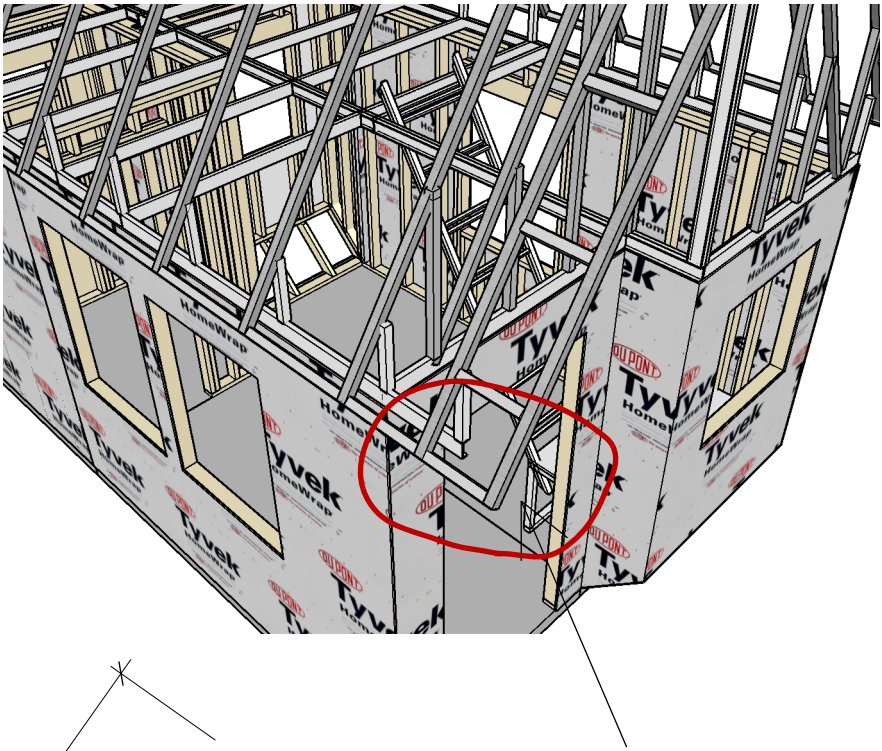


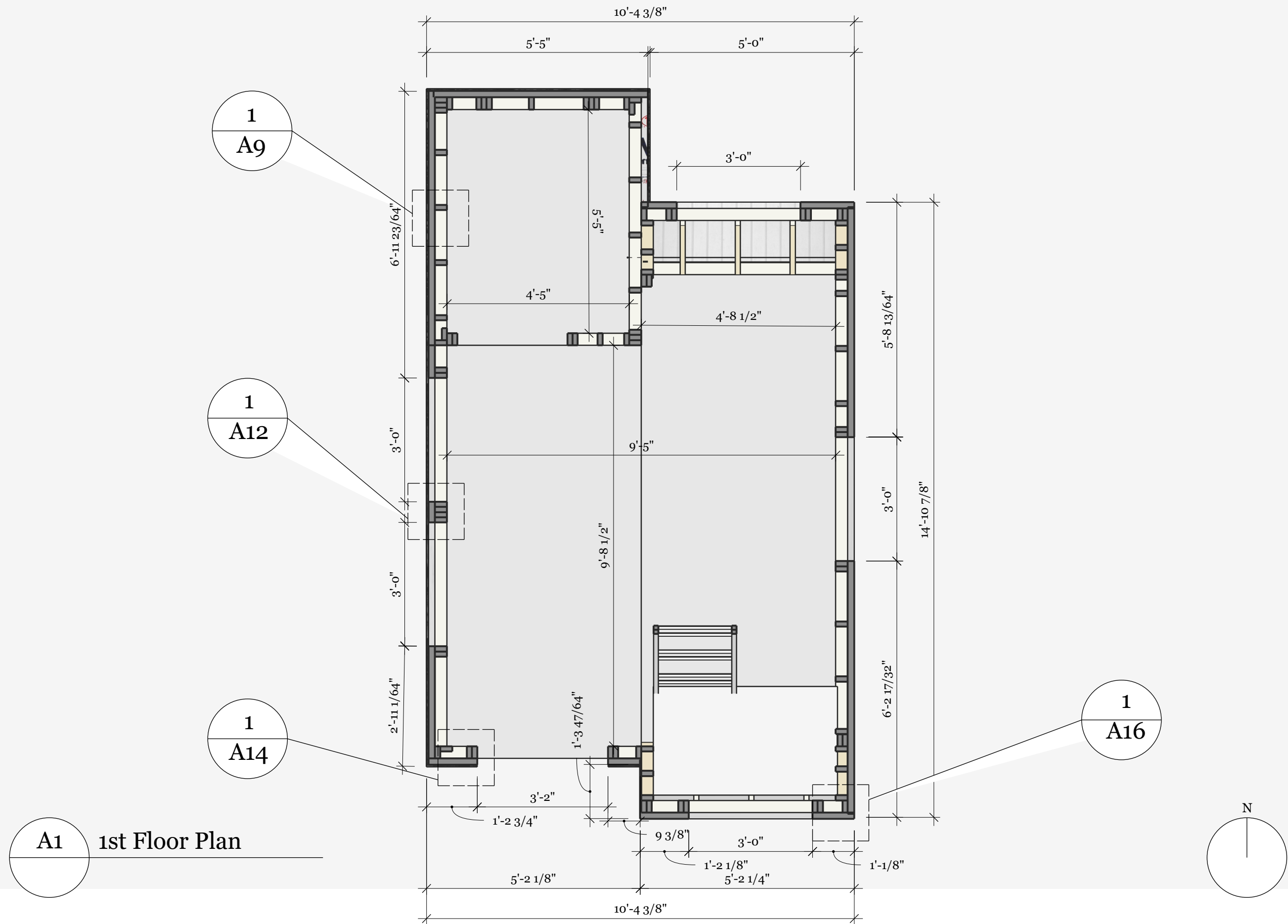


Rake Drip Edge Profile



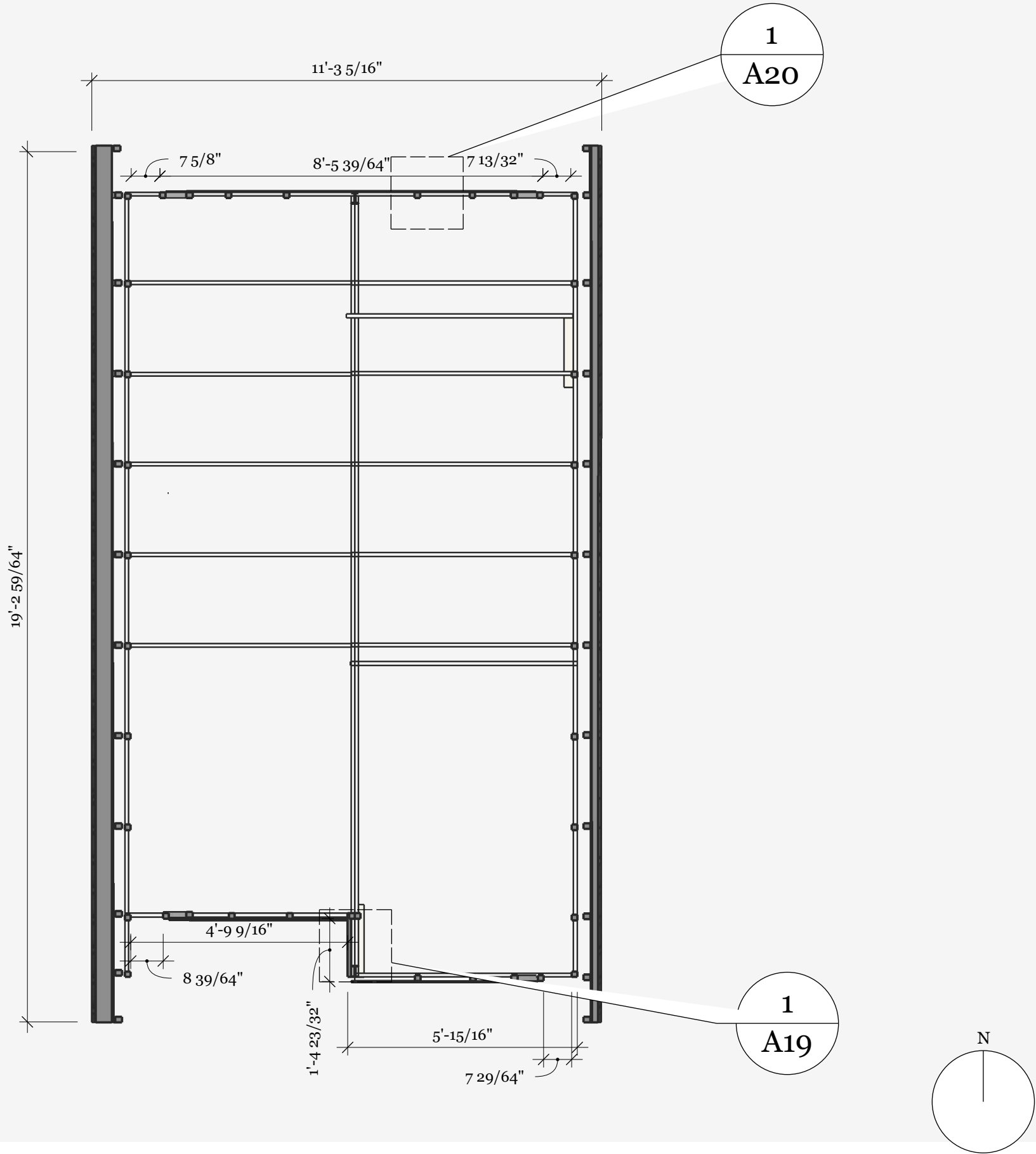
Drip Edge Profile



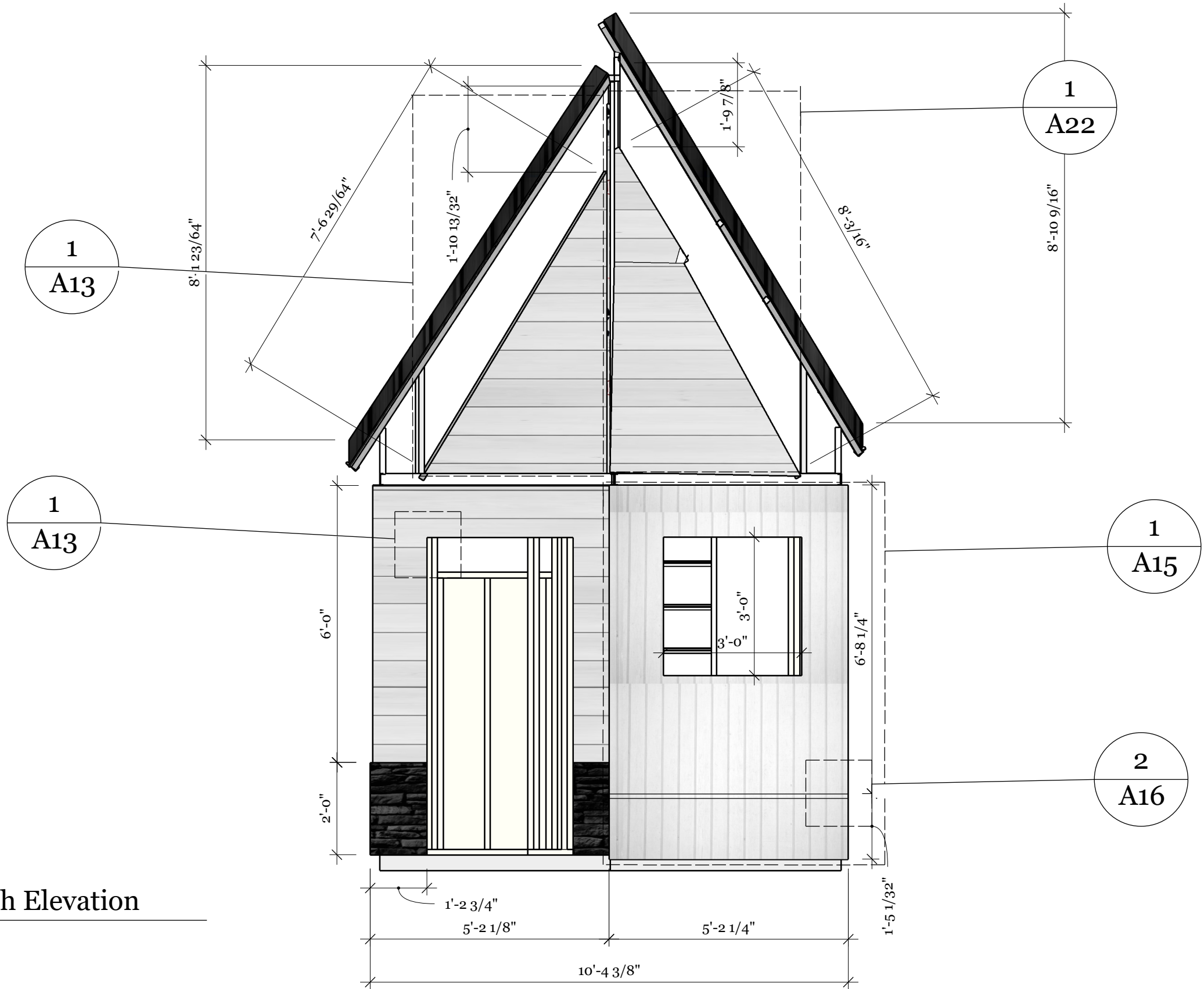


A2

2nd Floor Plan

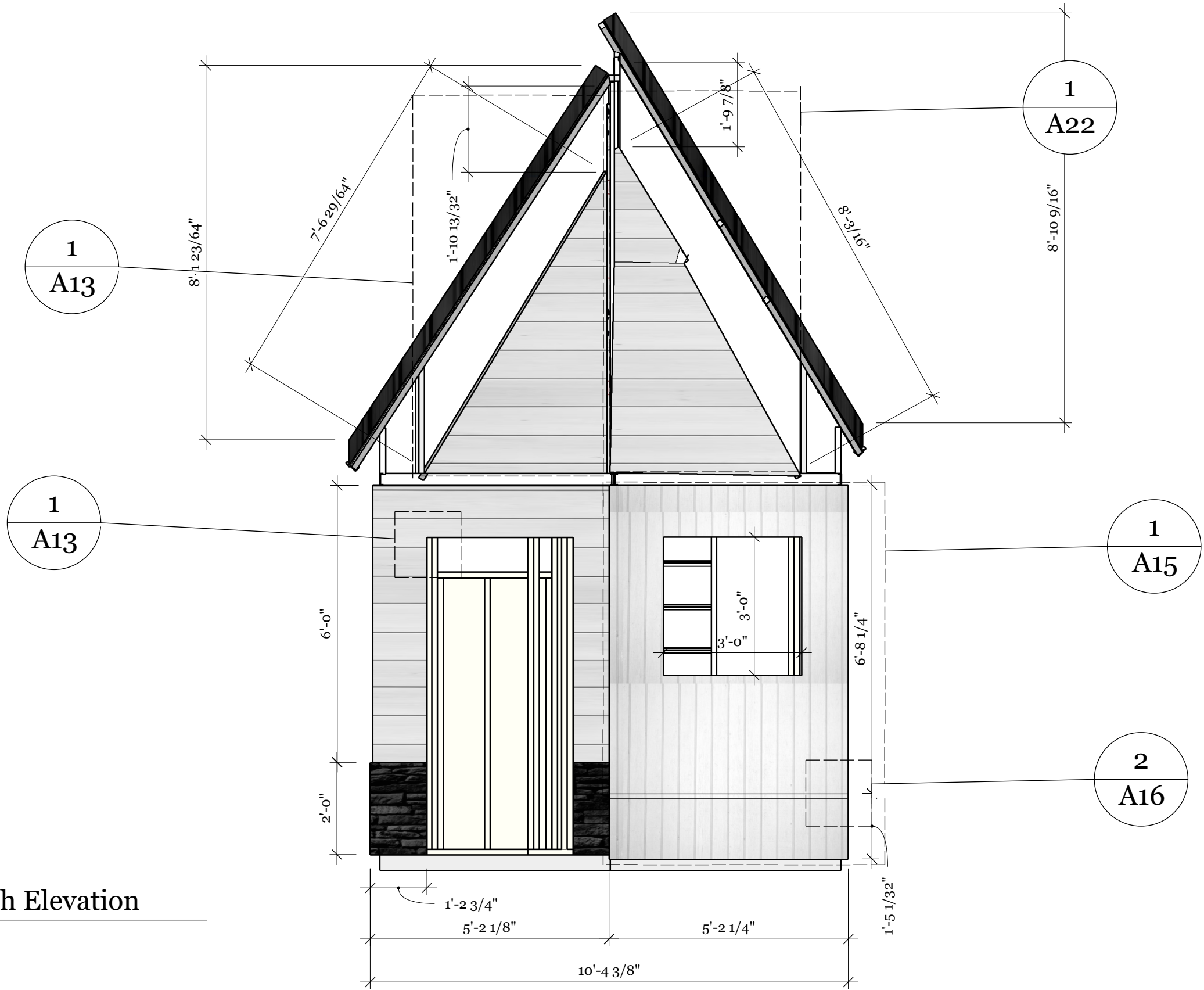


A3 North Elevation

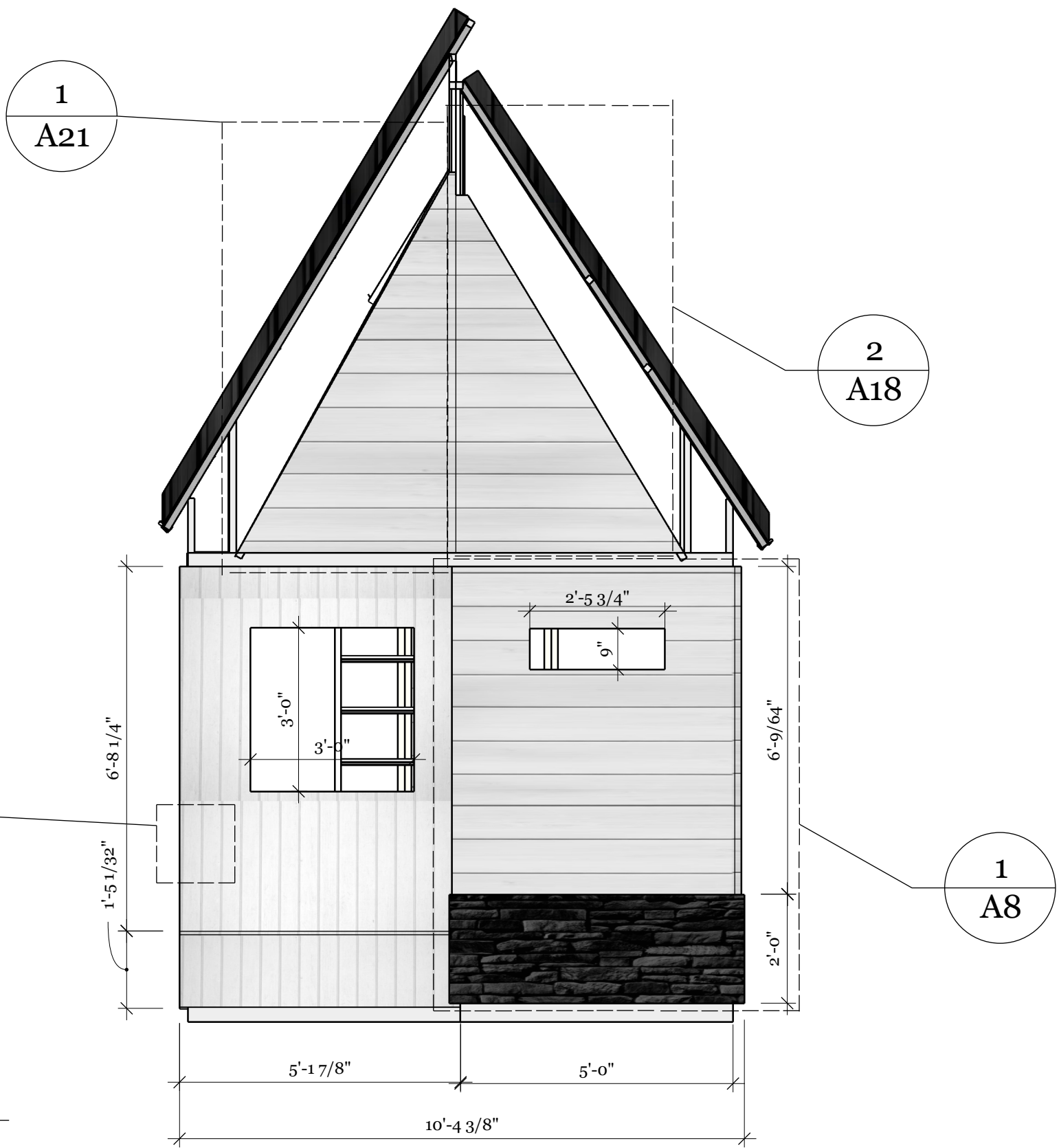




A3 North Elevation



A4 South Elevation



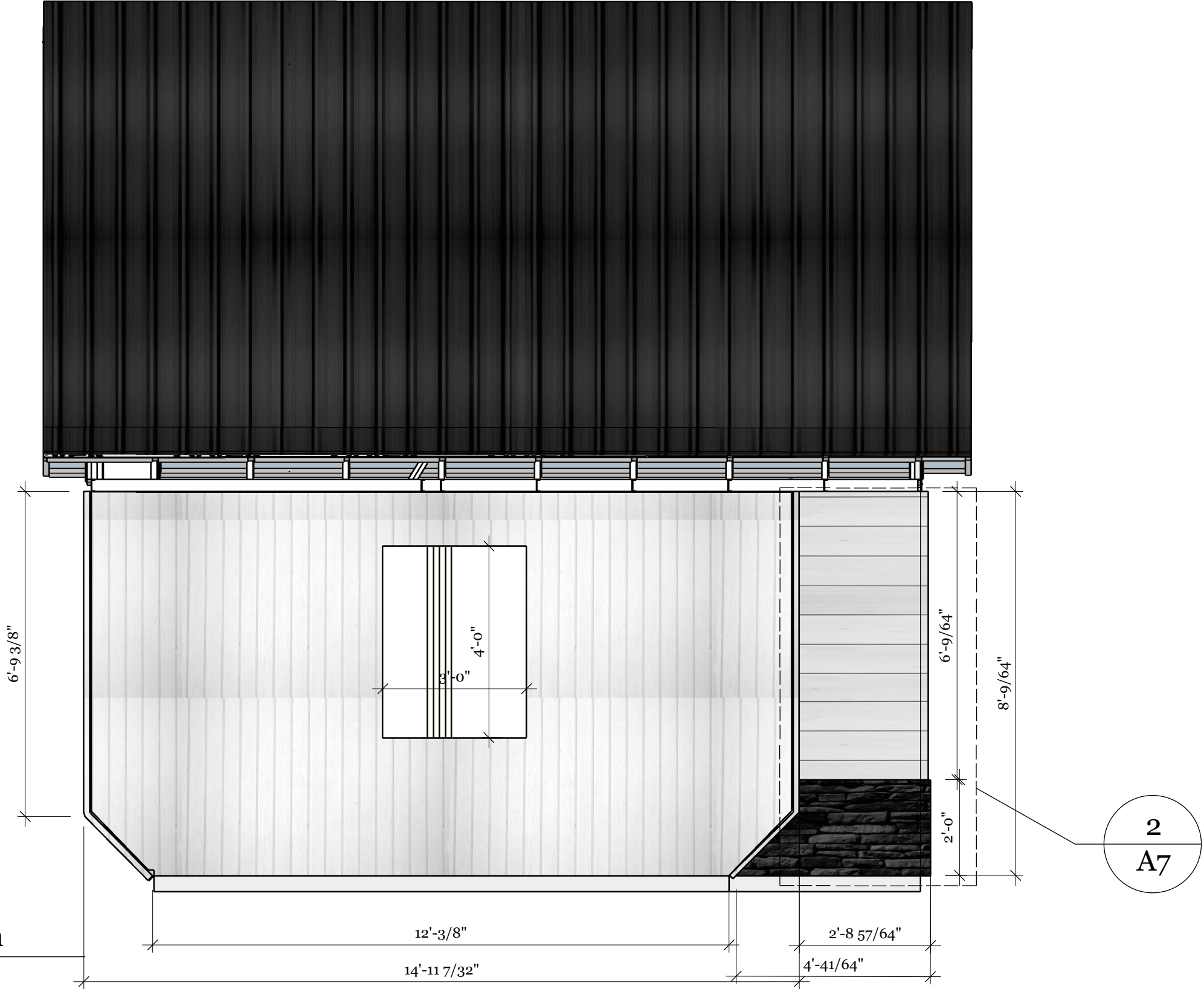
A5 East Elevation

1  
A7



A6

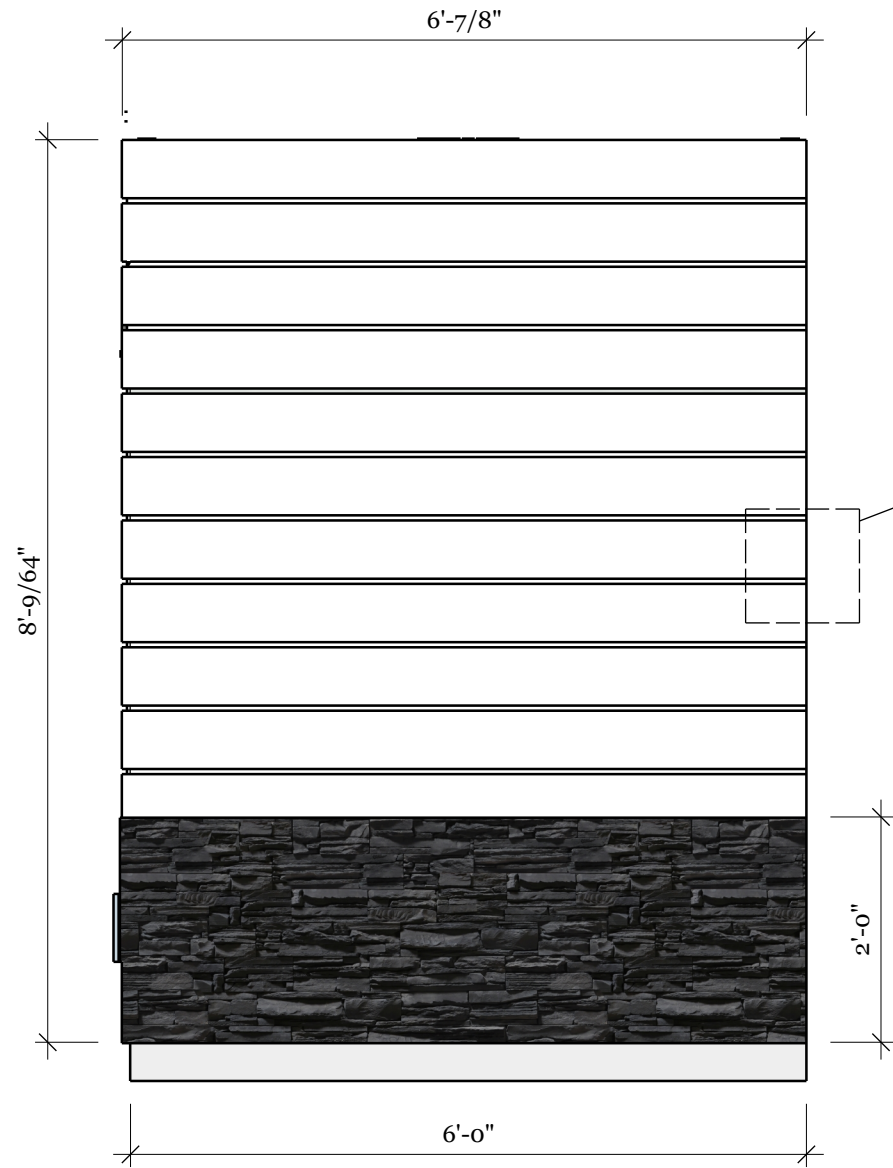
West Elevation





1  
A7

East 5'x6' Elevation

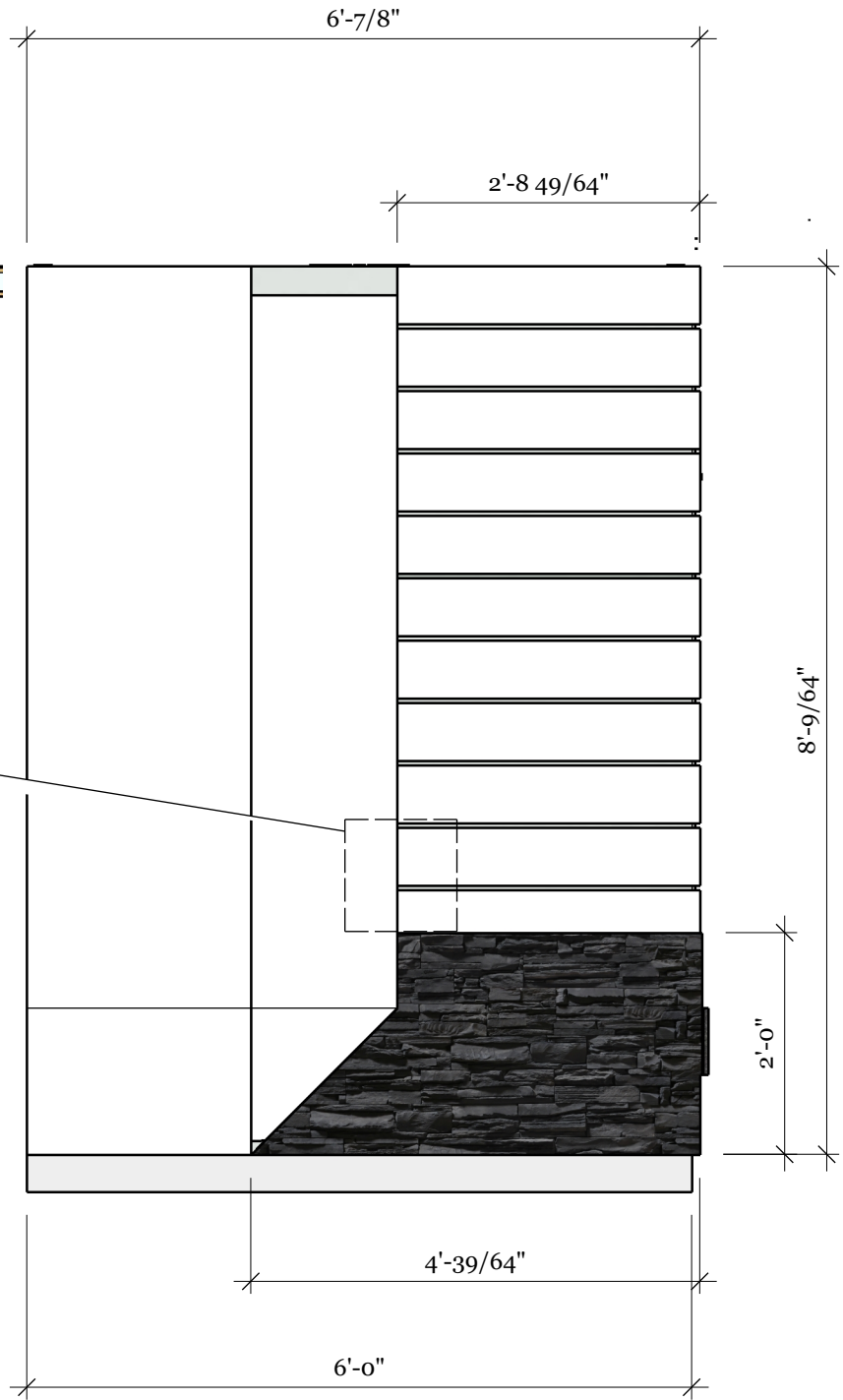


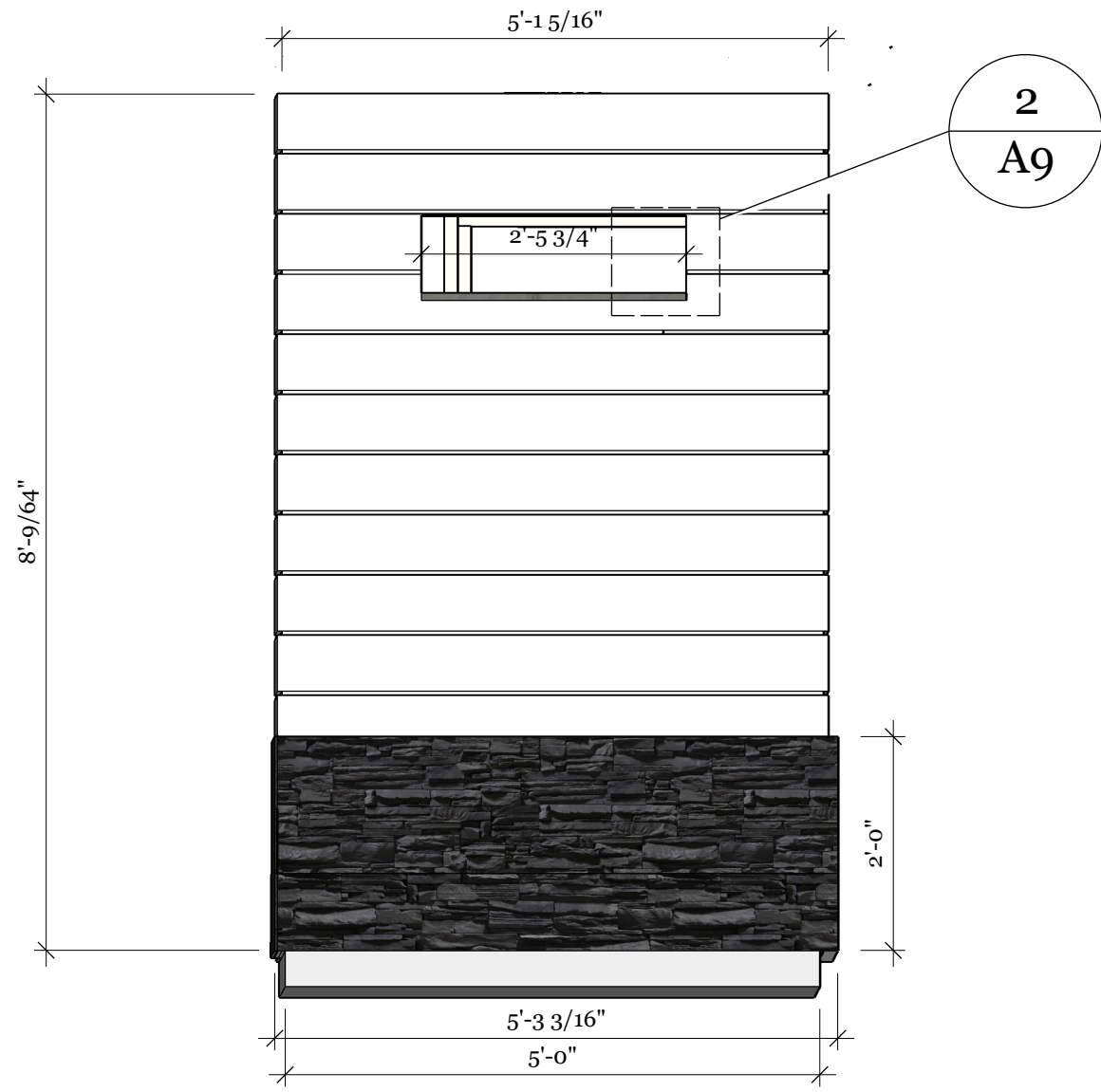
1  
A9

1  
A10

2  
A7

West 5'x6' Elevation

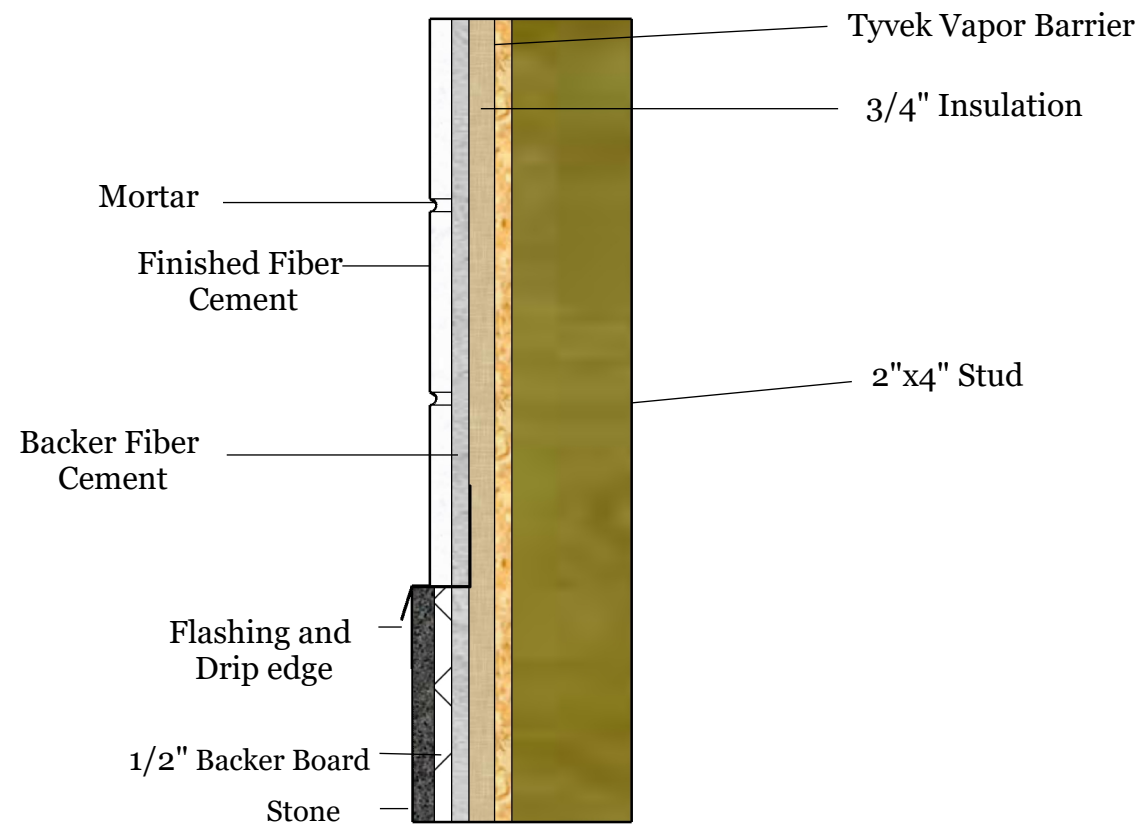




1  
A8

South 5'x6' Elevation

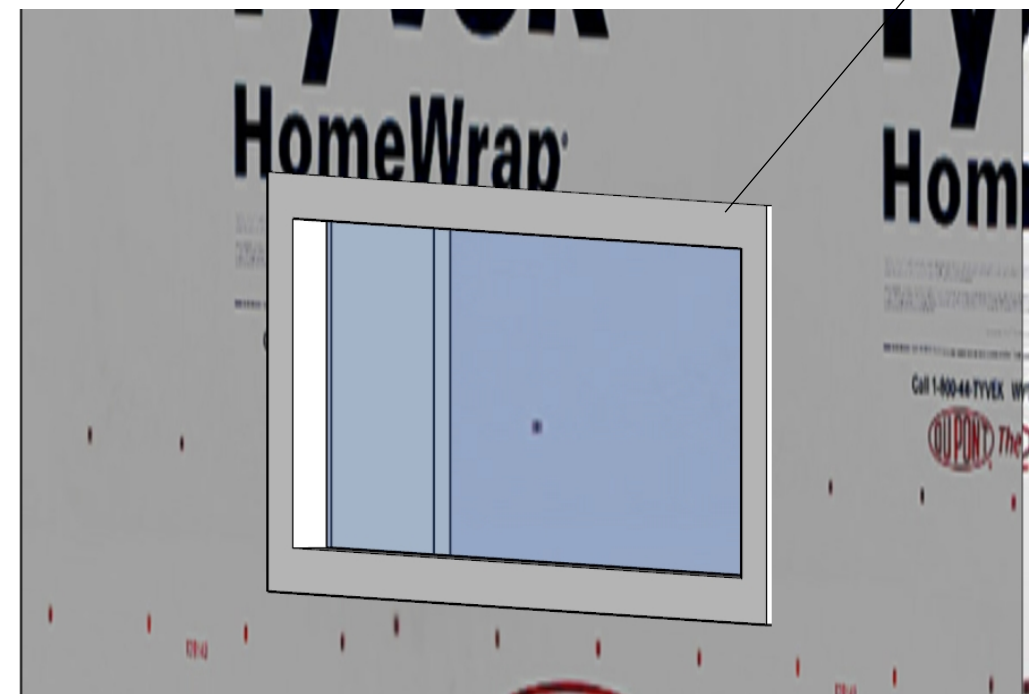
Pg. 118	Hank Chauffe	Wall Systems Final Shop Drawings	Professor Mahdi Ghafoori
	03/03/2024	BCS 1126-B	5'x6' Window Elevation



1  
A9  
Wall Detail



Window Punch out



2  
A9  
Window Details



Flashing

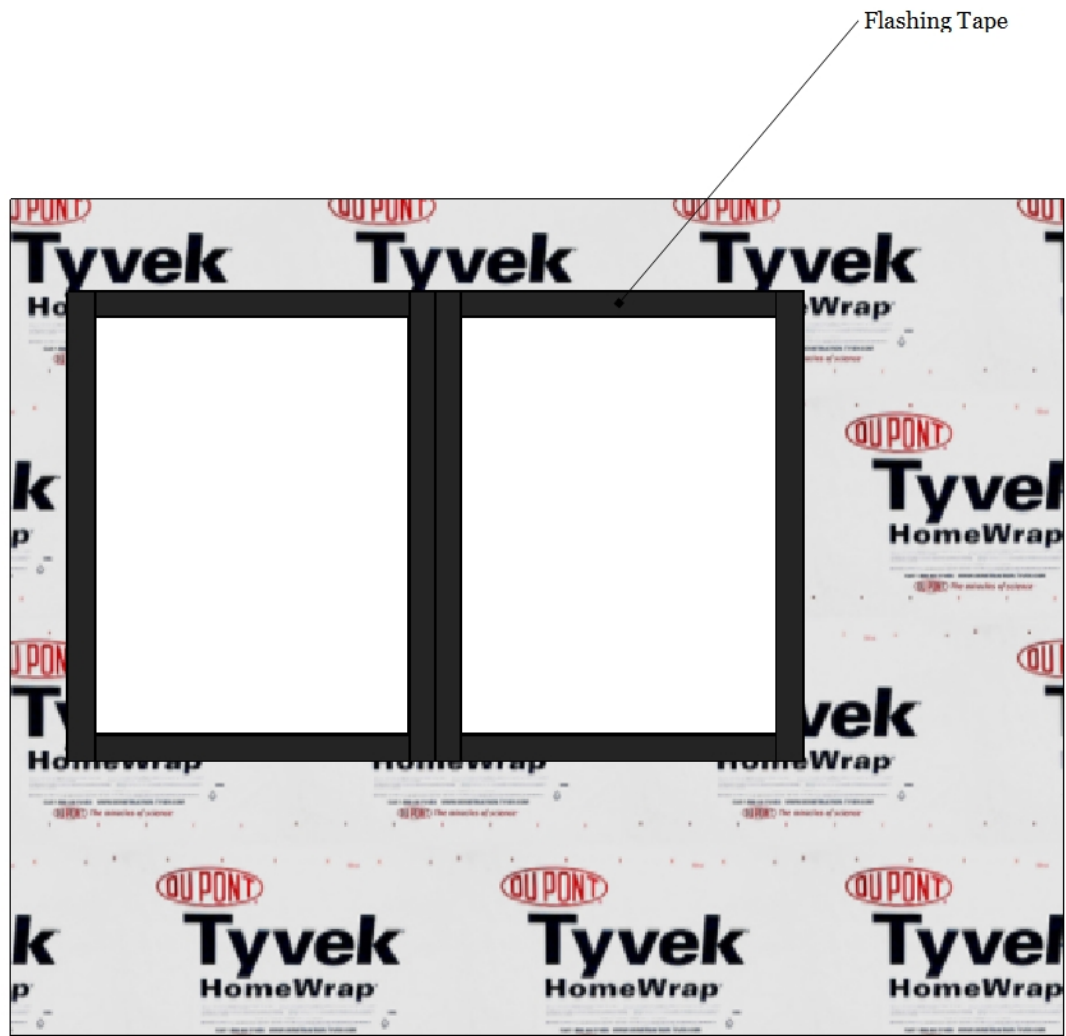


3" on both sides of  
flashing

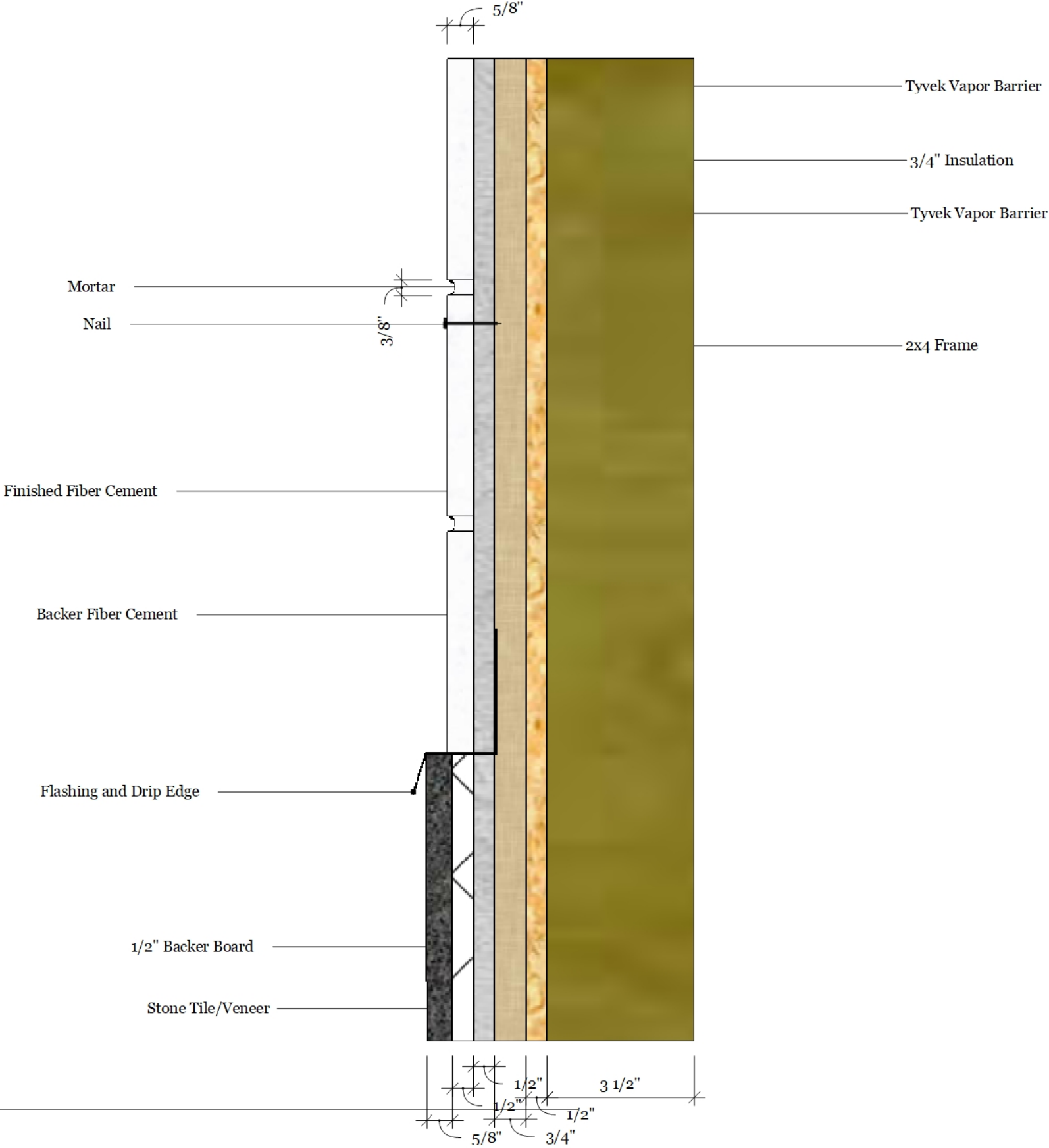
Bump Out flashing

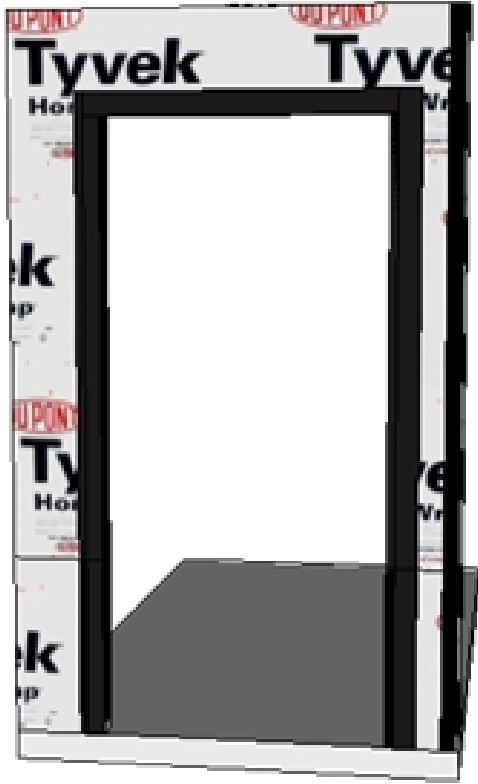
Pg. 120		Hunter Green	Wall Systems Final Shop Drawings	Professor Mahdi Ghafoori
		03/03/2024	BCS 1126-B	Flashing Details



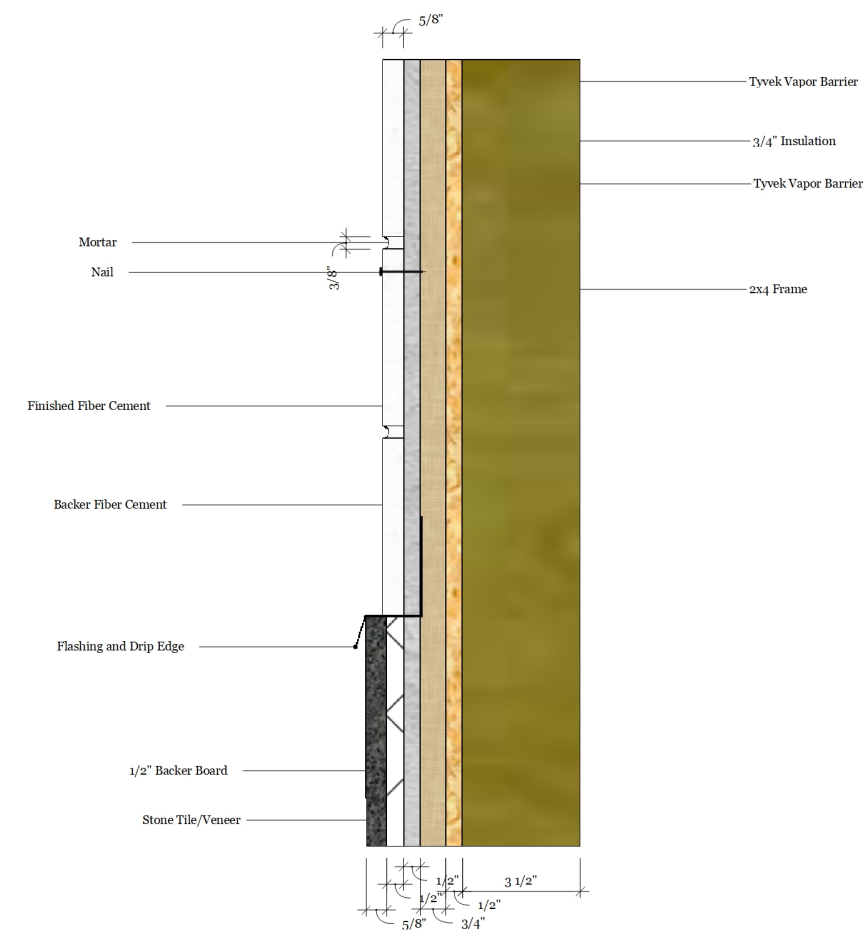
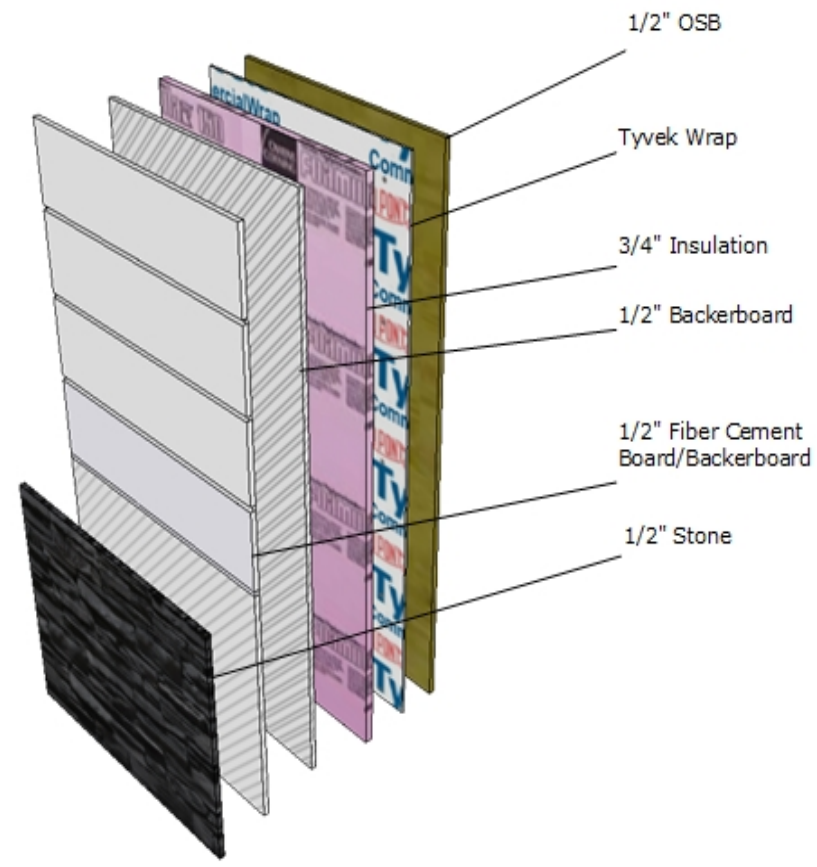


Fold the tape over the edges and over the corners.



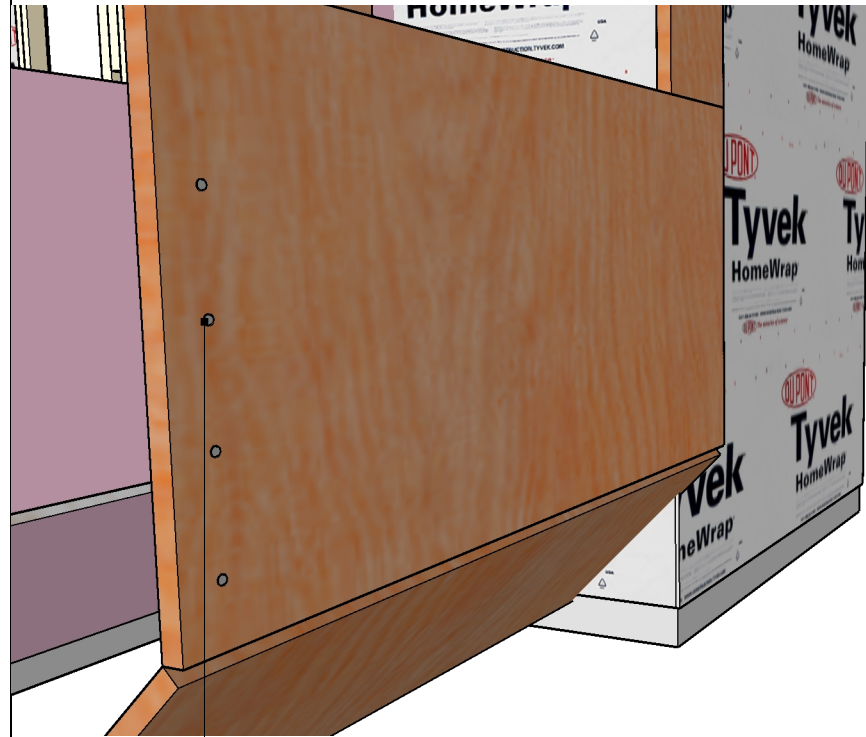


Pg. 123	Clayton Jenkins	Wall Systems Final Shop Drawings	Professor Mahdi Ghafoori
	03/03/2024	BCS 1126-B	Door Details



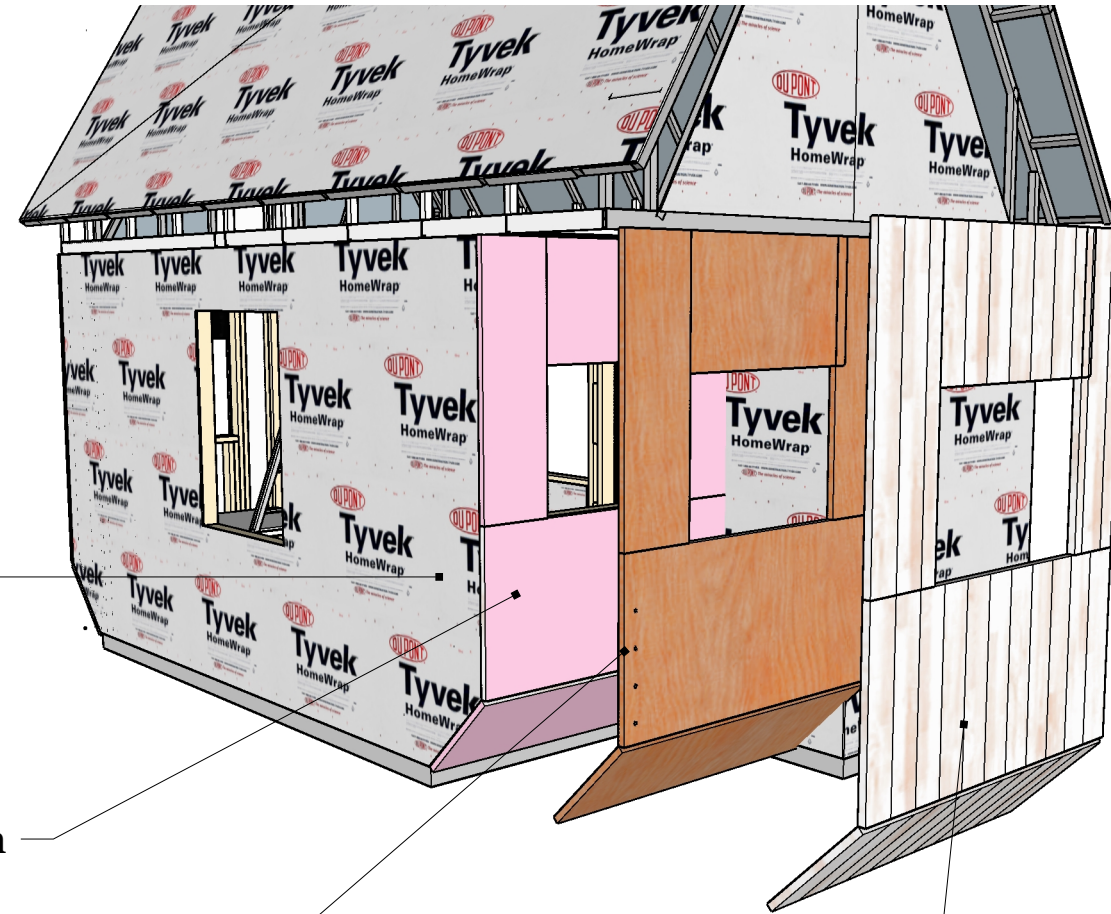
Pg. 124	Clayton Jenkins	Wall Systems Final Shop Drawings	Professor Mahdi Ghafoori
	03/03/2024	BCS 1126-B	Door Layers and Details





3 1/2" screws

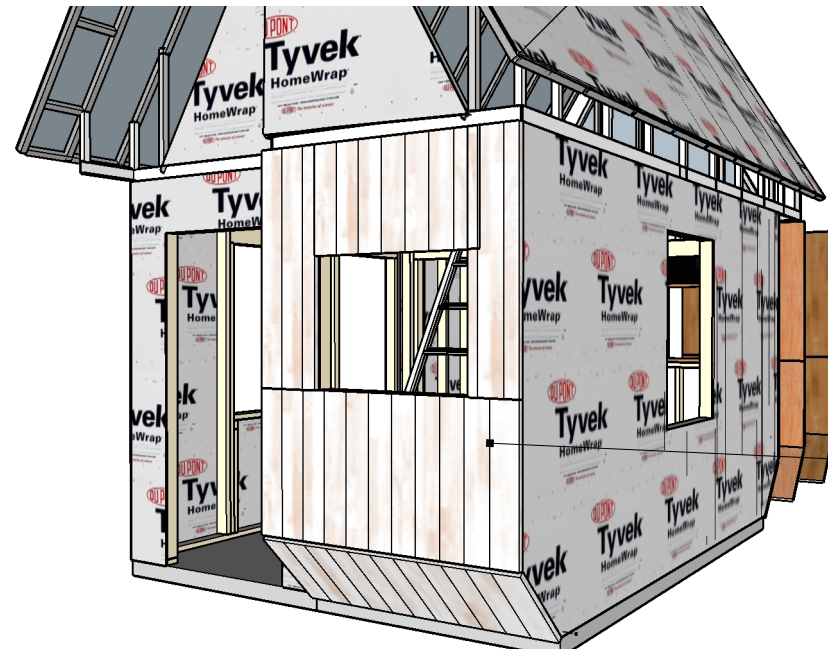
Plywood and Tyvek are already installed on house.



3/4" insulation

Fiber Cement or Hardie Board

White 1x6 Board

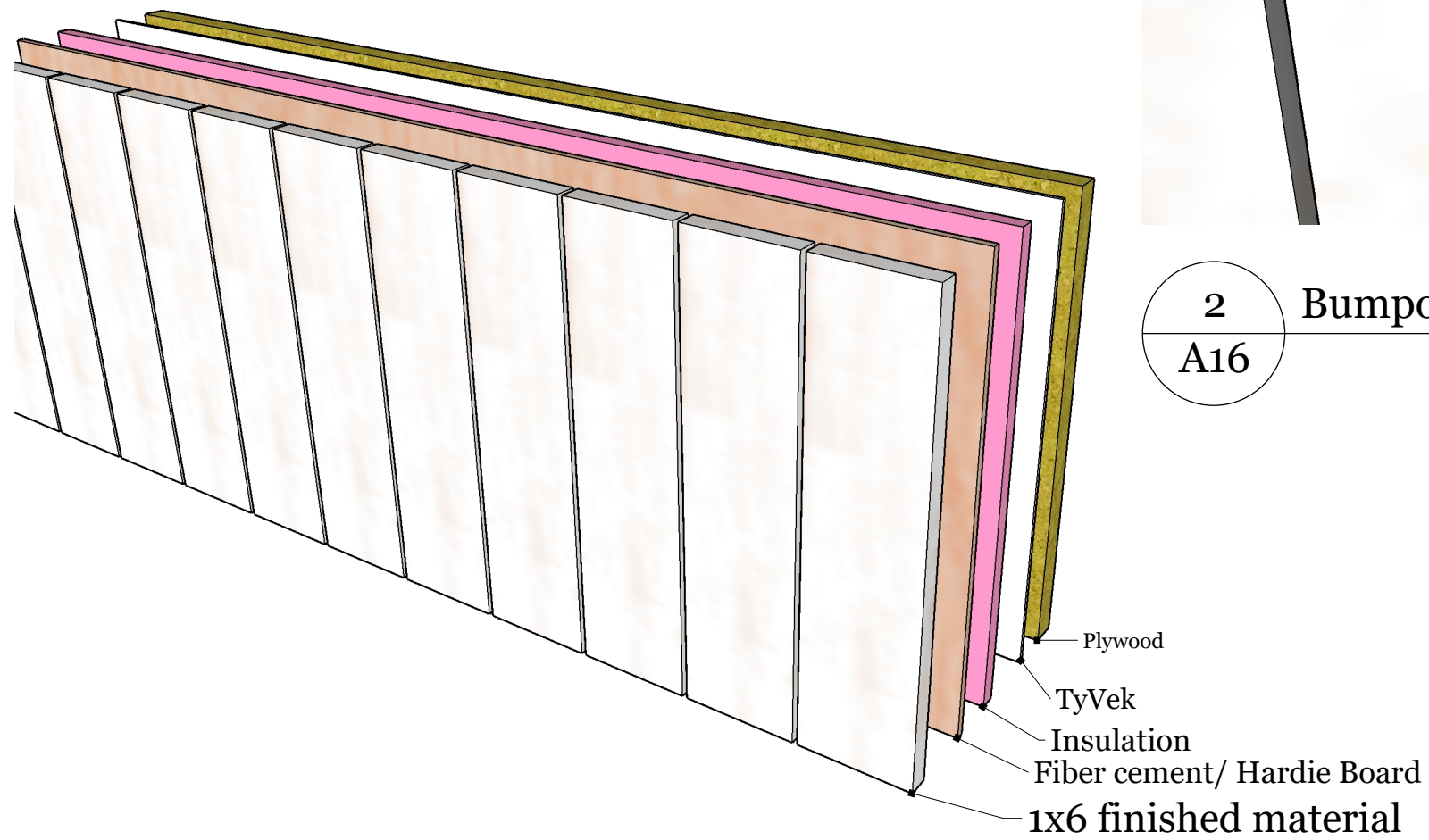


Front of House with finished material

1

A15

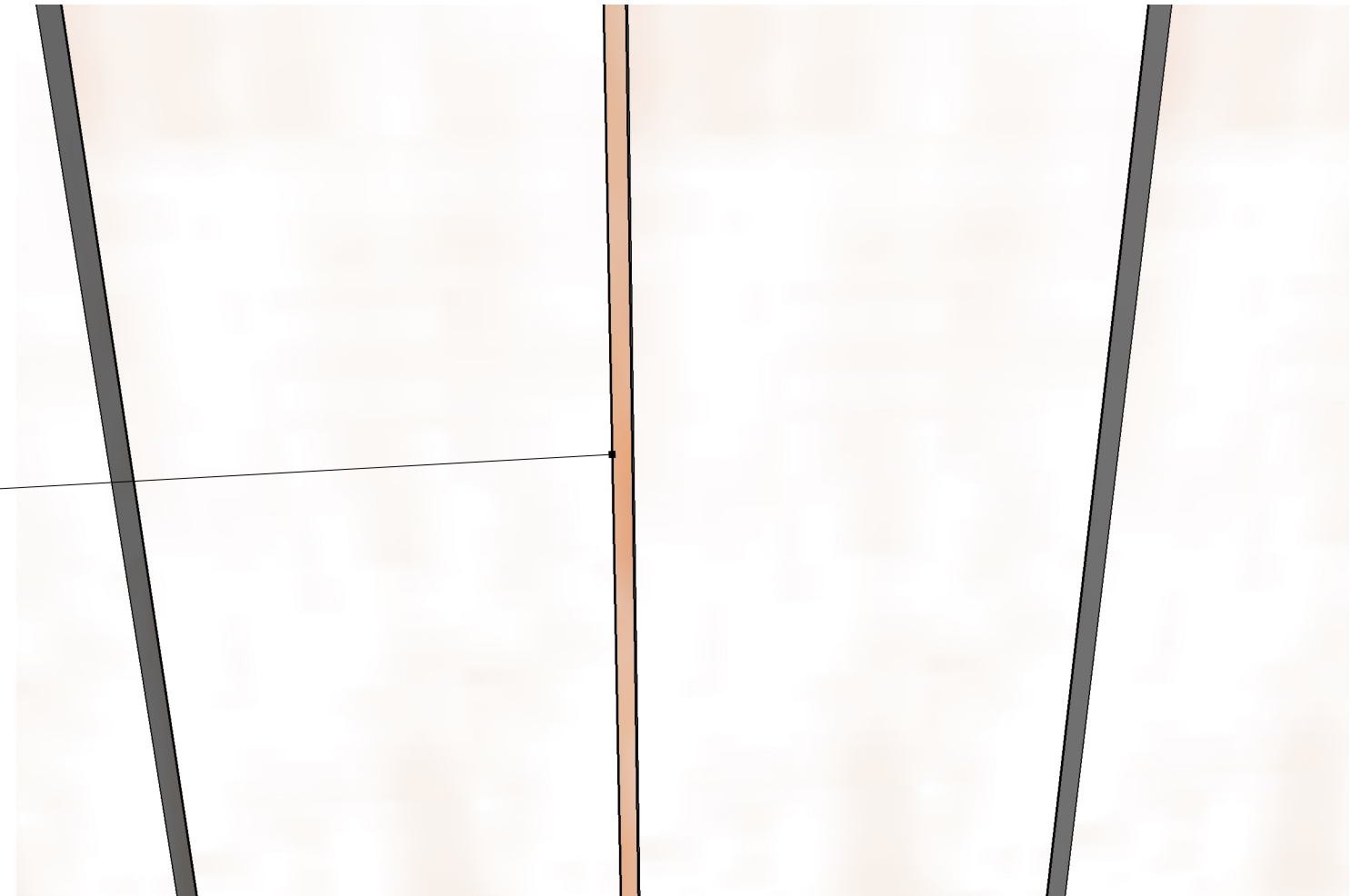
Bumpout Layers and Materials



Wood Spaced 1/2"

2  
A16

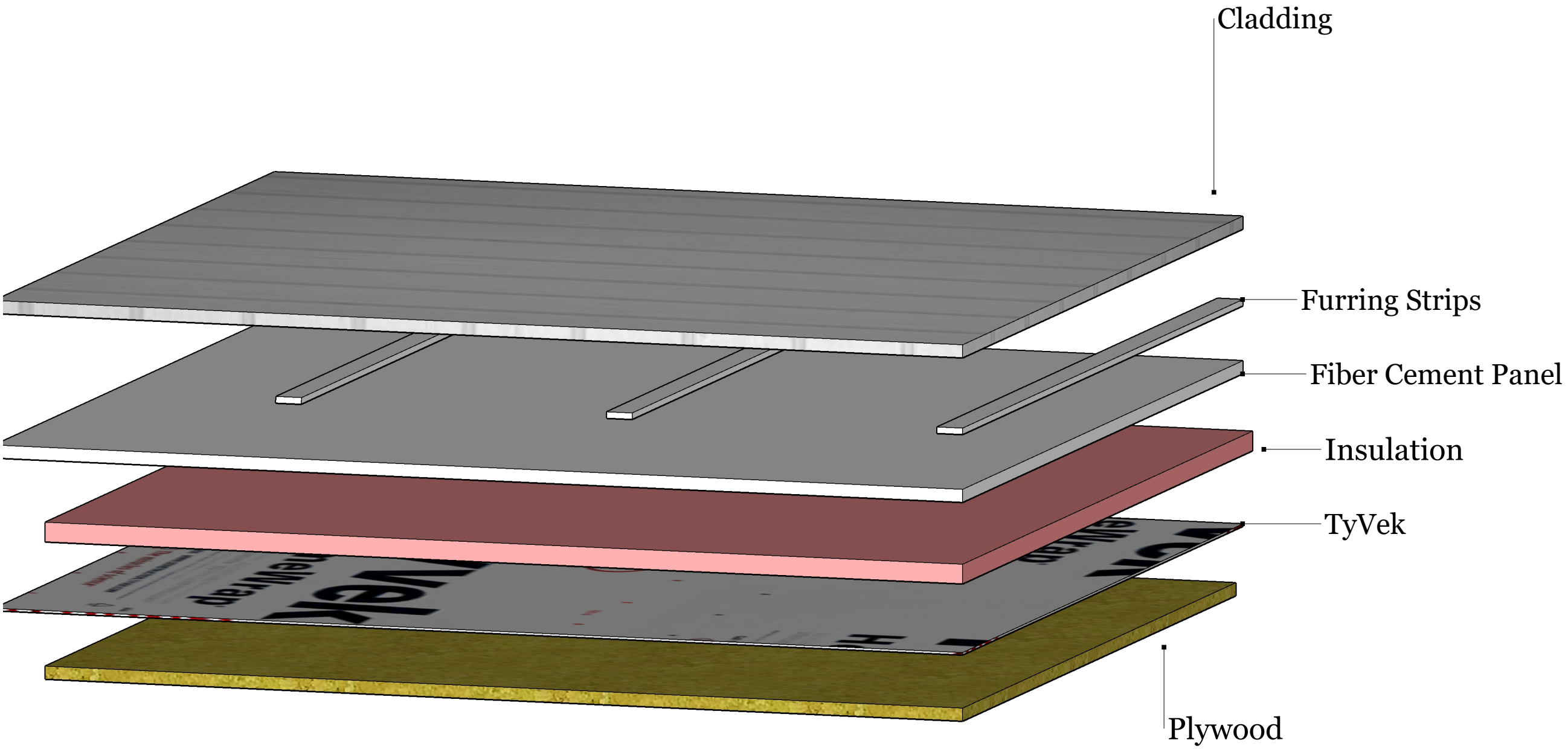
Bumpout Wood Spacing



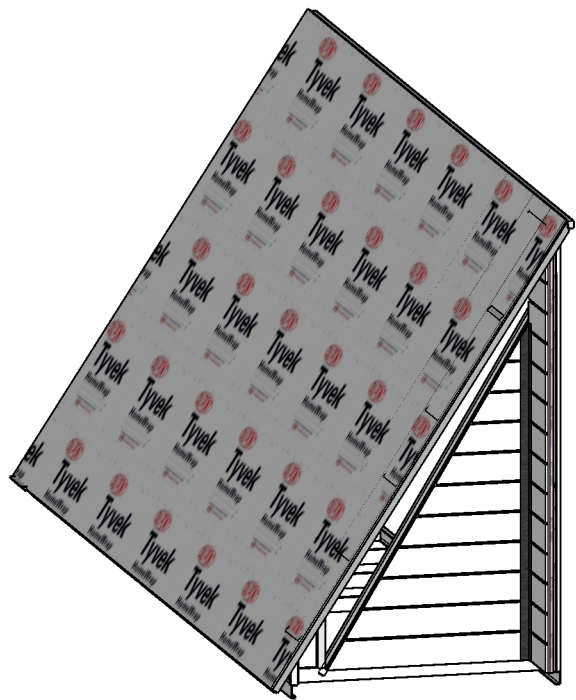
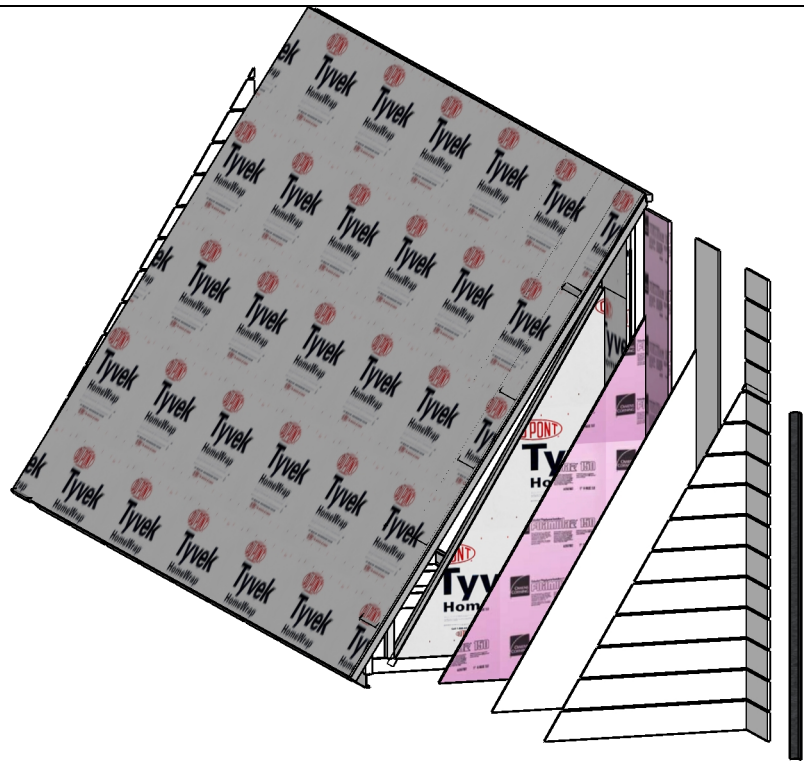
1  
A16

Bumpout Details

Professor Mahdi Ghafoori	Wall Systems Final Shop Drawings	Nathaniel Edwards	Pg. 126
Bumpout Details	BCS 1126-B	03/03/2024	

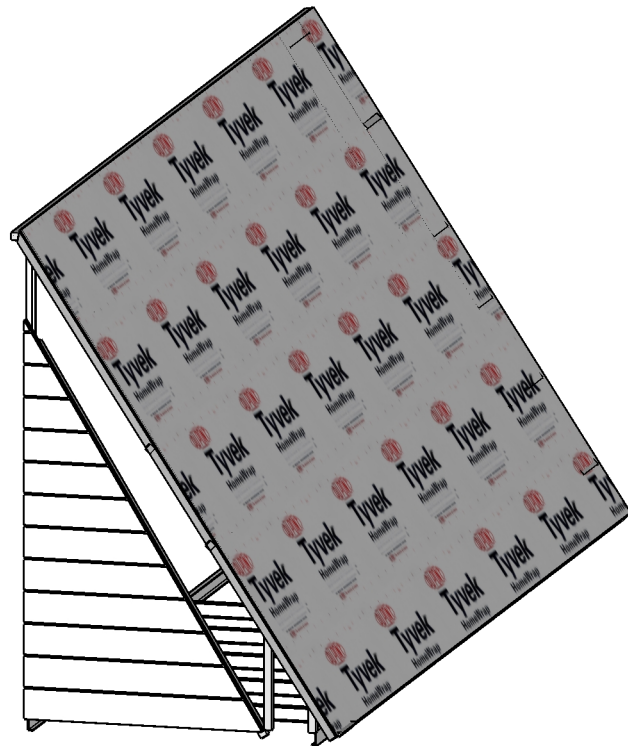
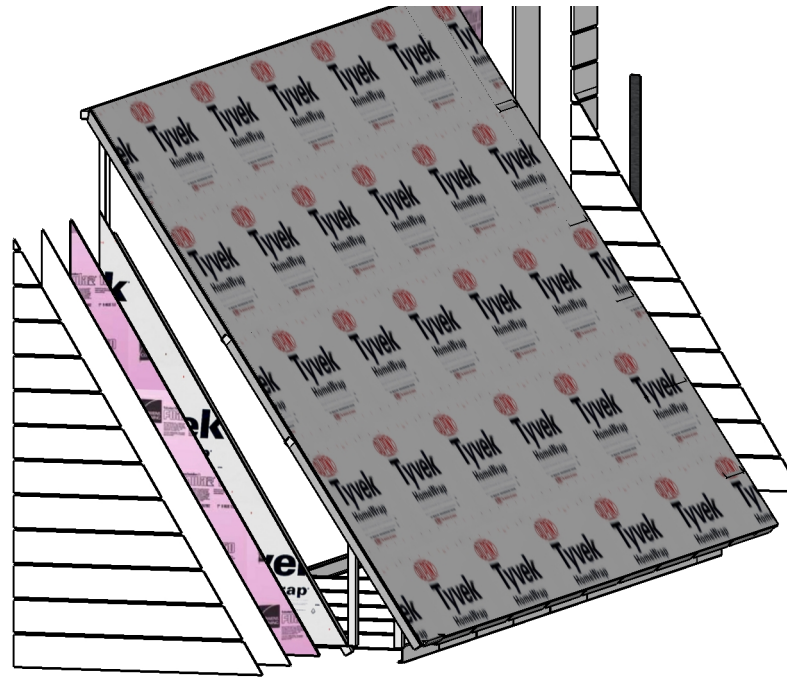






1  
A18

North Elevation Upper Module 1



2  
A18

South Elevation Upper Module 1

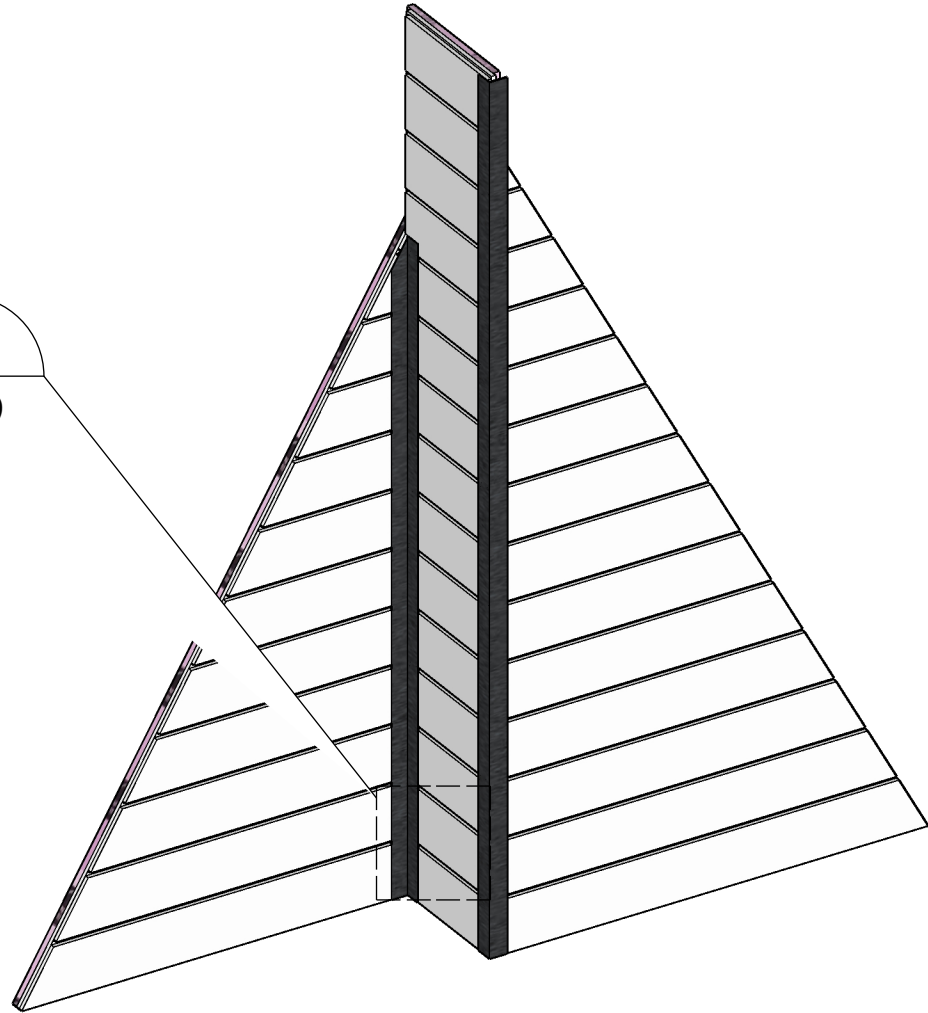
Pg. 128	Ben Blake	Wall Systems Final Shop Drawings	Professor Mahdi Ghafoori
	03/03/2024	BCS 1126-B	Upper Module 1



1  
A19

Flashing Corners

2  
A19



2  
A19

Flashing Section

