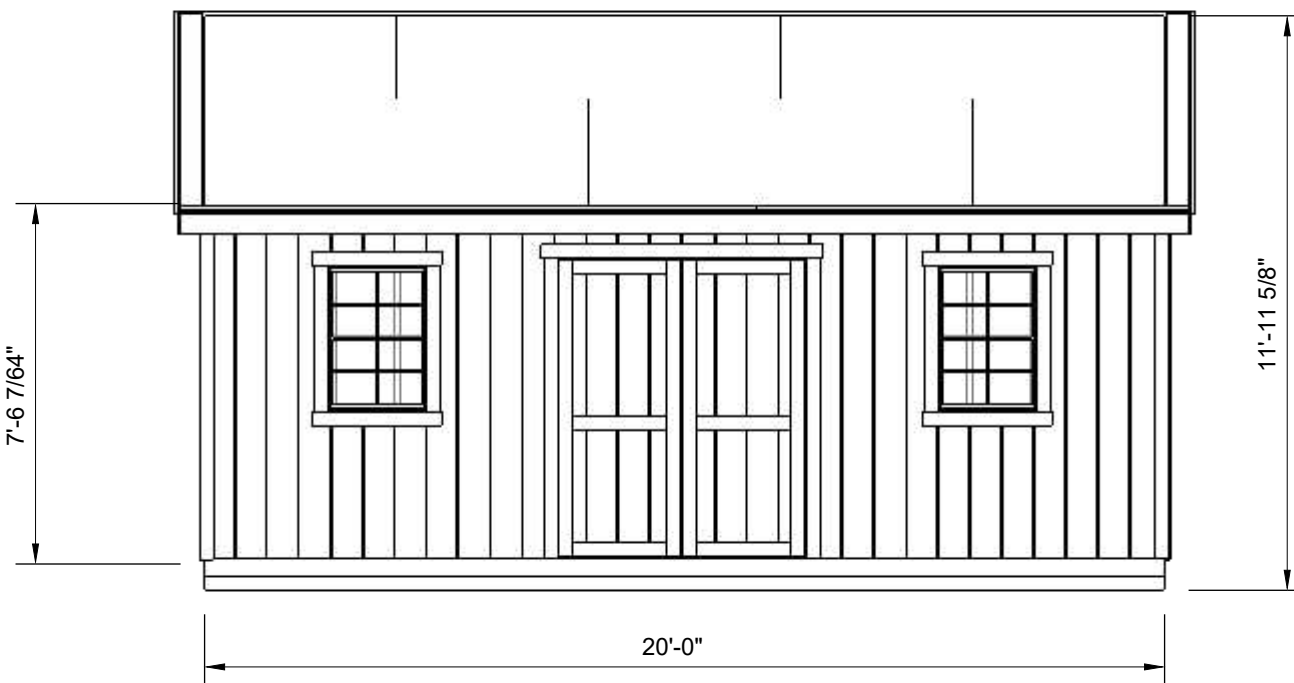




Shed wall will be 7ft from avg. grade



Shed will be anchored at all four corners with mobile home anchors and strap

Scale: 1/4" = 1' - 0"

Carolina Yardbarns LLC
CLIENT William Bousman
 134 Grand Griffon Way
 Lillington, NC
PROJECT 12 x 20 PSTM
 240sq.ft
ISSUE 09/19/24
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PROJECT NO. 26135

Front Elevation

A.01

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Raleigh, NC 27603

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William Bousman
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Lillington, NC

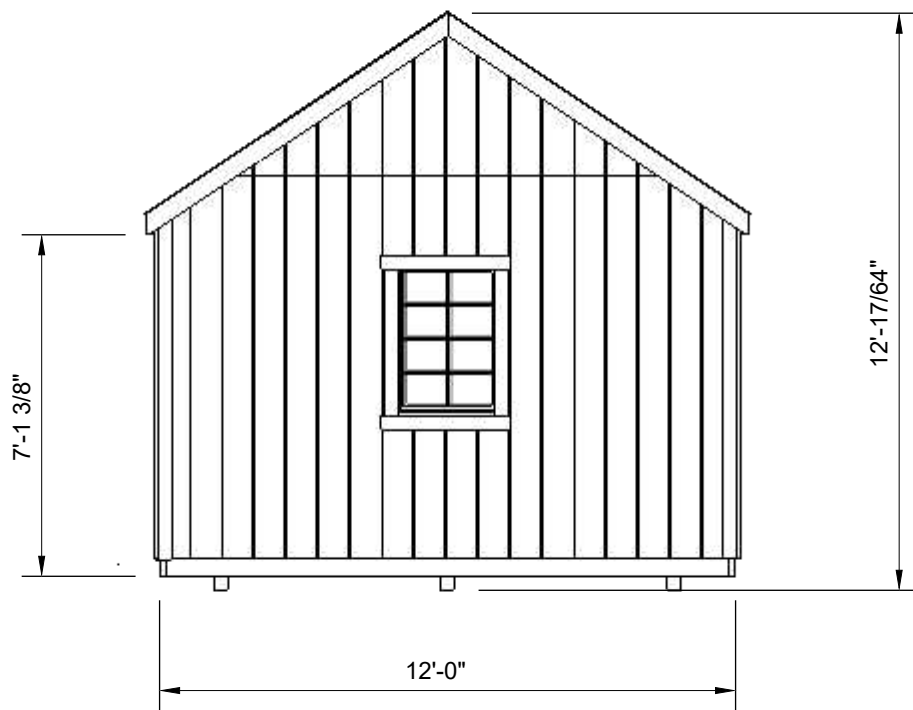
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**Right
Elevation**

A.02

**Shed wall will be
7ft from average
grade**



**Shed will be anchored at all four
corners with mobile home anchors
and strap**

Scale: 1/4" = 1' - 0"

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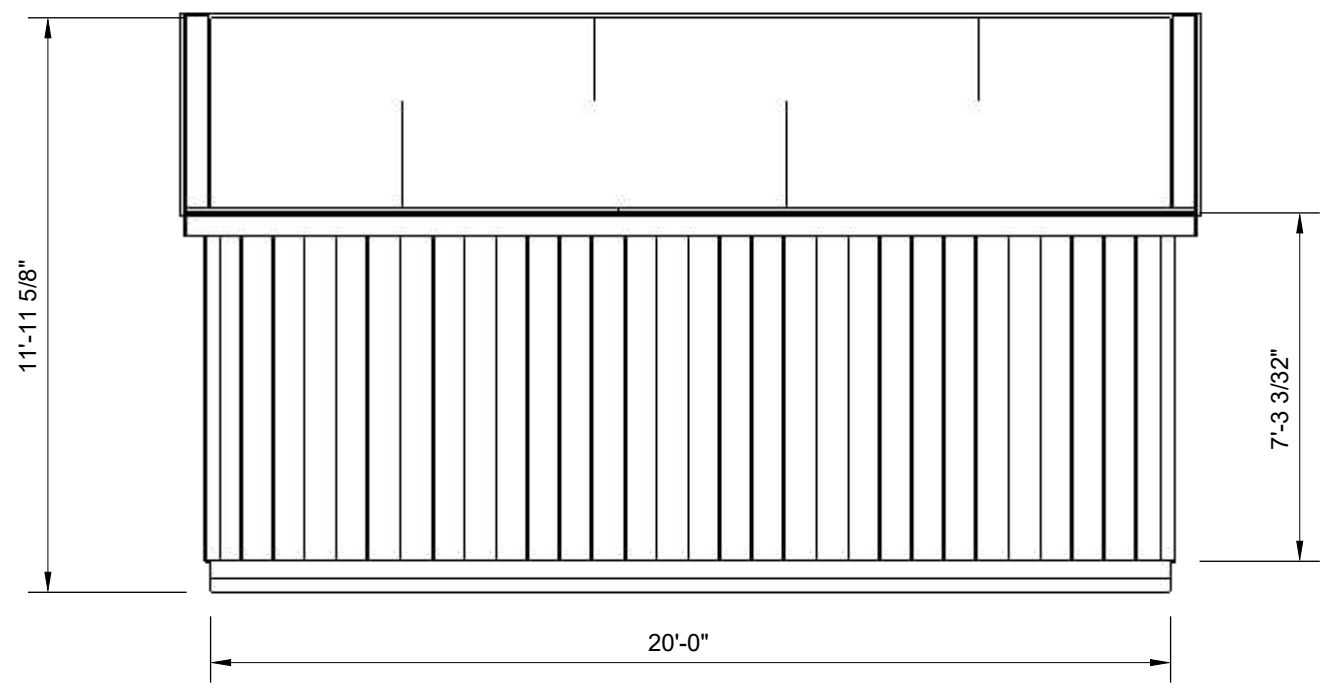
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**Rear
Elevation**

A.03



**Shed wall
will be 7ft
from
average
grade**

**Shed will be anchored at all four corners with
mobile home anchors and strap**

Scale: 1/4" = 1' - 0"

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CLIENT
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 Lillington, NC

PROJECT
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 240sq.ft

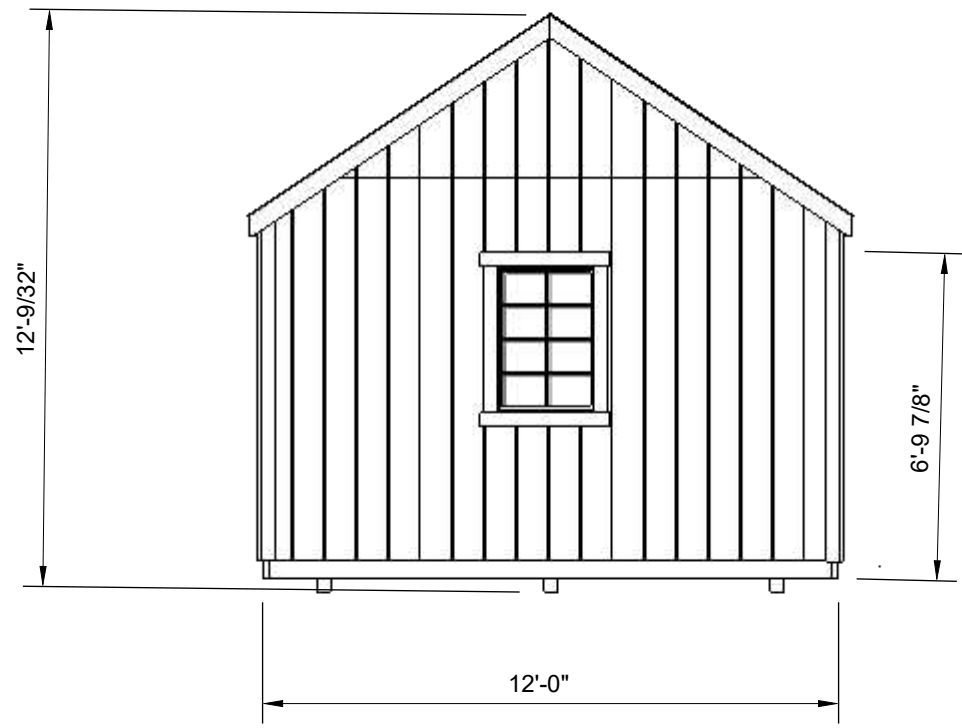
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**Left
Elevation**

A.04



**Shed wall will be
7ft from average
grade**

**Shed will be anchored at all four
corners with mobile home anchors
and strap**

Scale: 1/4" = 1' - 0"

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PROJECT
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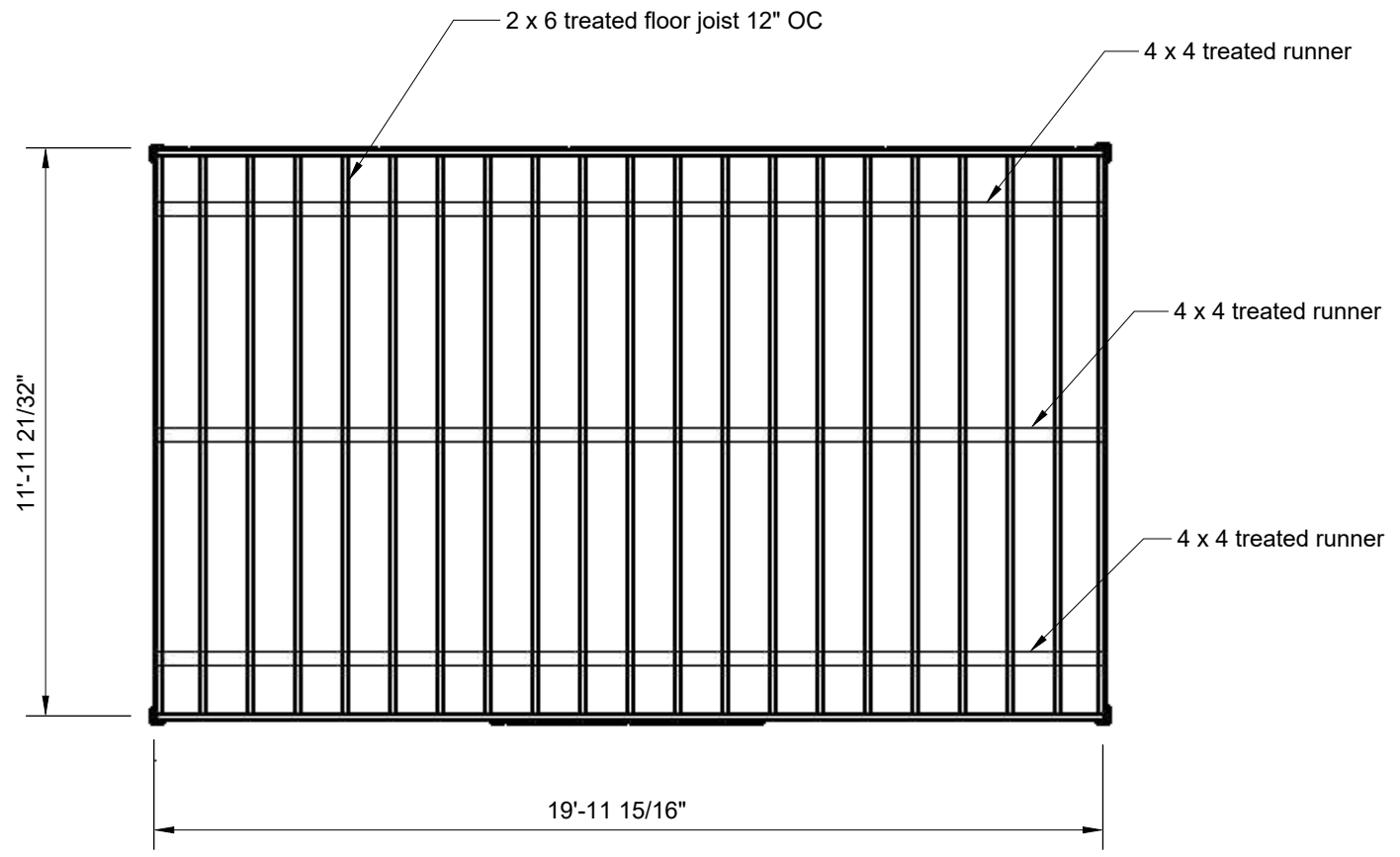
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Floor Framing Section view

A.05



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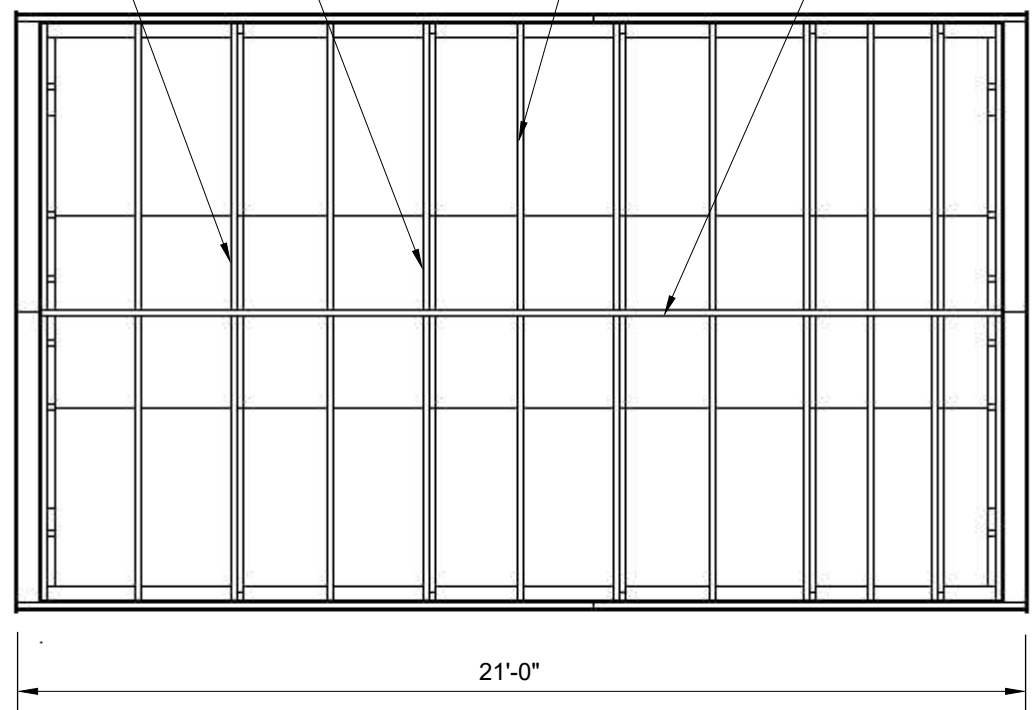
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Roof Framing
Section view

2 x 4 collar tie 48" OC
2 x 6 ceiling joist 48" OC
2 x 6 rafter 24" OC
2 x 8 ridge



12'-6 1/4"

21'-0"

Scale: 1/4" = 1' - 0"

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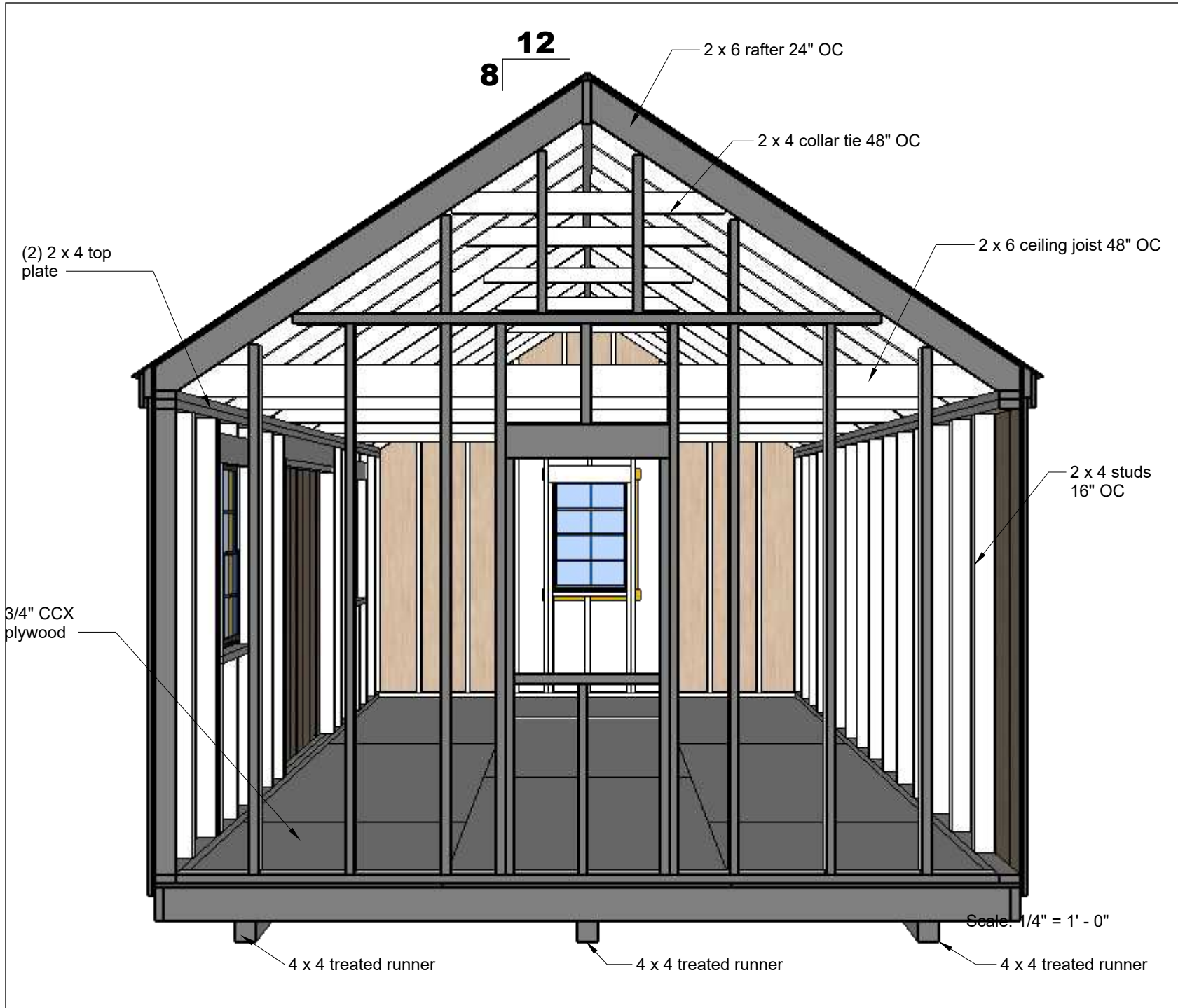
PROJECT
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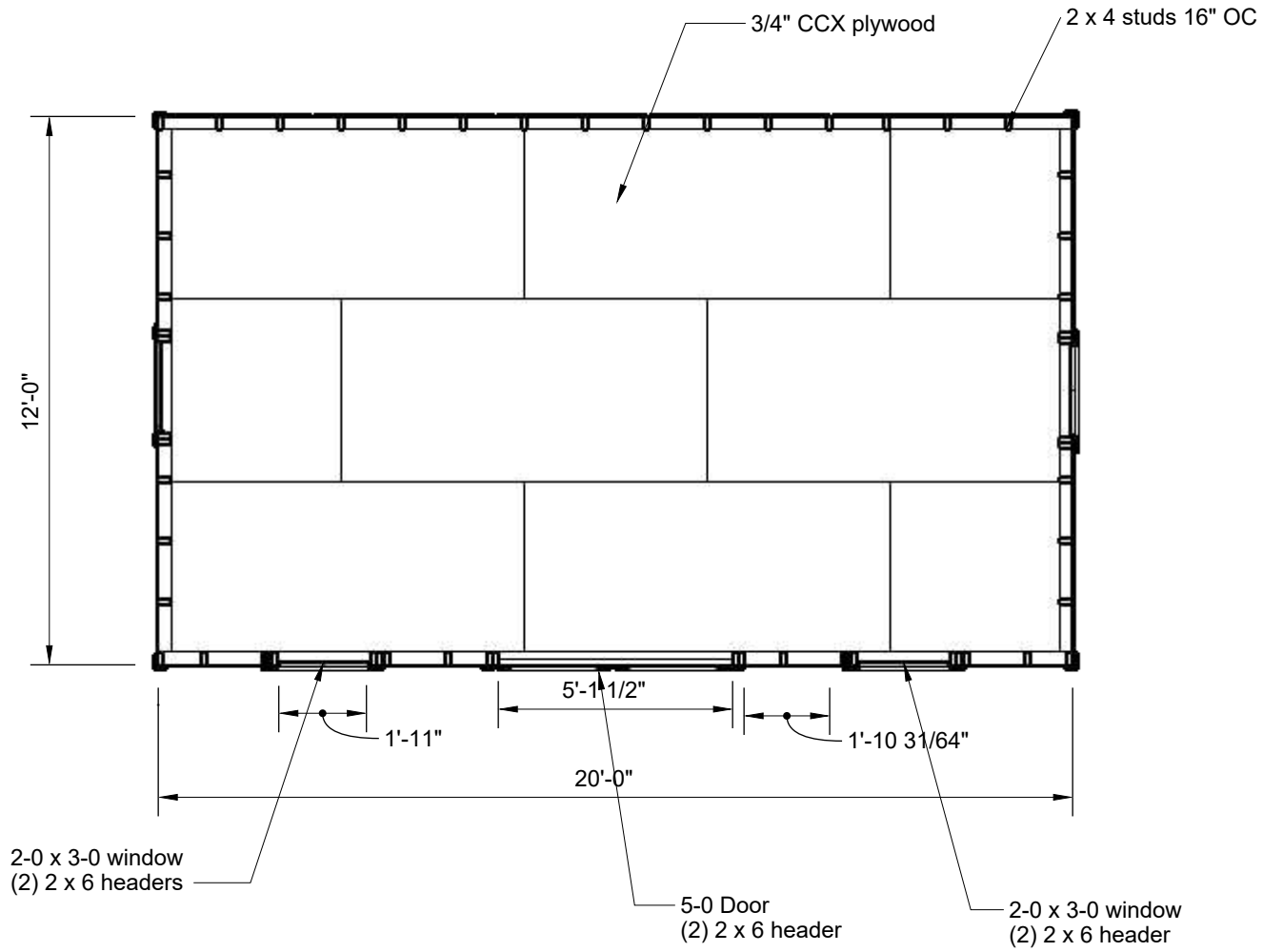
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**Structure
Detail**





Scale: 1/4" = 1' - 0"

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Floor Plan

Carolina Yard Barns, Inc.

823A Purser Drive

Raleigh, NC 27603

919-365-5555

Pier Spacing and Cantilever Joist Design Chart:

12' Wide Prefabricated Storage Shed

	Allowable Block Spacing Center to Center		Allowable End Cantilever of Floor Joist Size and Spacing		
	4X4 Runner	4x6 Runner	2x4 – 12"oc	2x6 – 12"oc	2x6-16"oc
Interior	7'	9'			
Exterior 1 story	5'	7'	15"	24"	24"
Exterior 2 story	n/a	5'	3"	15"	12"

16' Wide Prefabricated Storage Shed

	Allowable Block Spacing Center to Center		Allowable End Cantilever of Floor Joist Size and Spacing		
	4 X4 Runner	4 x 6 Runner	2x4 – 12"oc	2x6 – 12"oc	2x6-16"oc
Interior	6.67'	7.33'			
Exterior 1 story	5.33'	6.33'	12"	16"	16"
Exterior 2 story	n/a	4.33'	3"	12"	5"

Maximum Height of Dry-stacked CMU Piers is Four Times the Least Horizontal Dimensions, not to exceed 48".

Construction: 2x6 Roof framing, 8' Max Height per story, 2x4 walls, (4) 2x treated Runners, 8x16 CMU Piers, Min. PSF Soil Bearing Capacity and Uplift Anchors per Code.

Design in Accordance with the NC State Residential Building Code 2018 Edition.

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