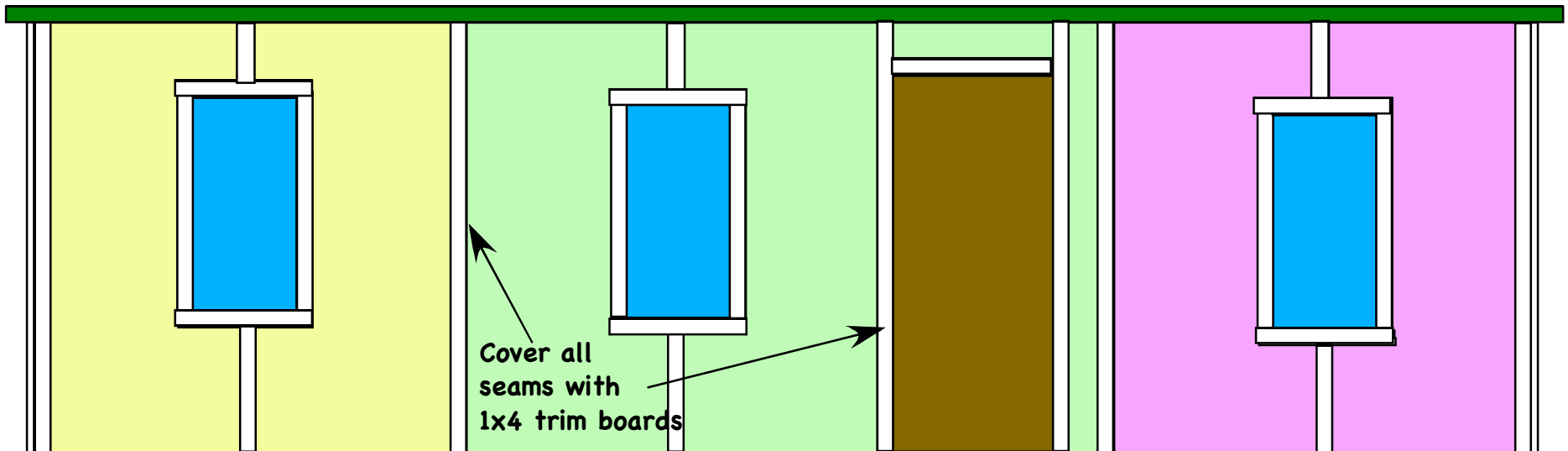


8' Section w/window

12' Section w/Window & Door

8' section w/window

Front View of 11 x 28 house with studs showing

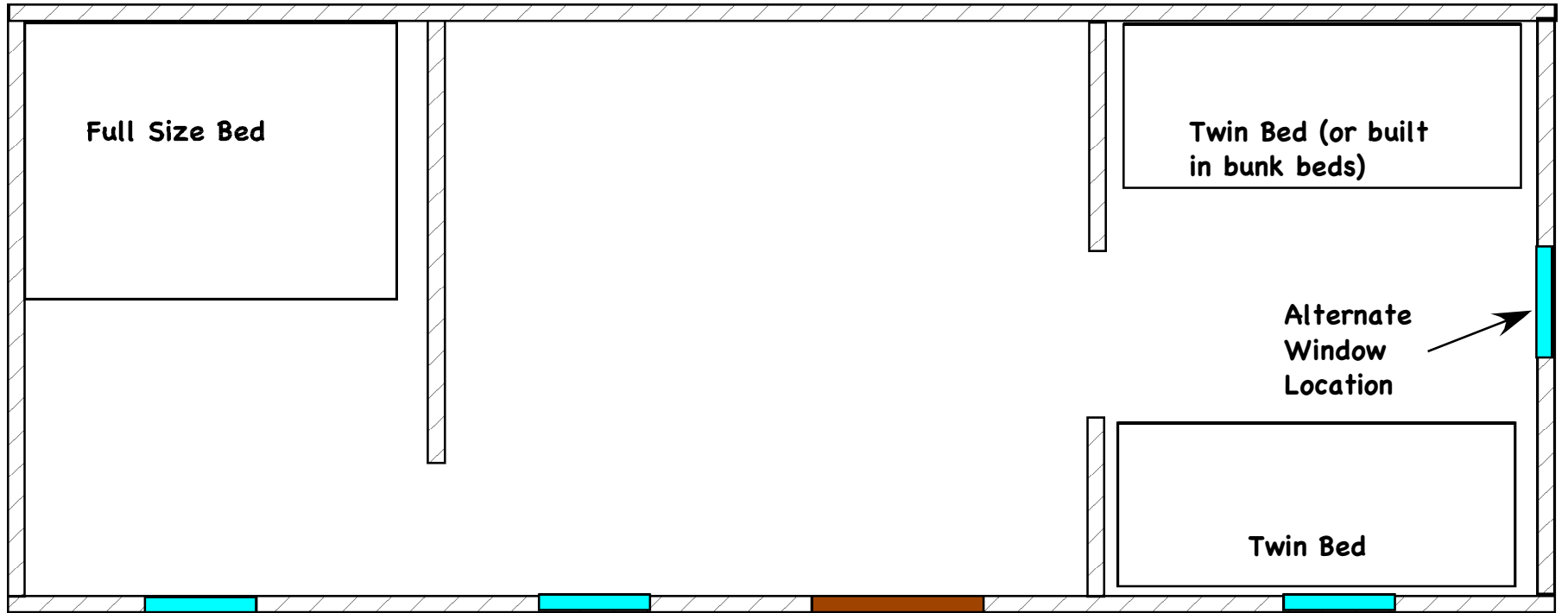


8' Section w/window

12' Section w/Window & Door

8' section w/window

Front View of 11 x 28 house with Trim strips
(Concrete pad should be 11 x 28 minimum)



Full Size Bed

Twin Bed (or built
in bunk beds)

Alternate
Window
Location

Twin Bed

8' base plate and top plate

- Lumber List:
2x4x8': 2 (top & bottom)
2x4x93": 8
2x4x12': 2 (for window pieces)

Install
Window
assy flush
with outside
of wall

Even with
Inside of wall
for Sheetrock
installation

Even with
Inside of wall
for Sheetrock
installation

Even
with
End

16"
Center

32"
Center

48"
Center

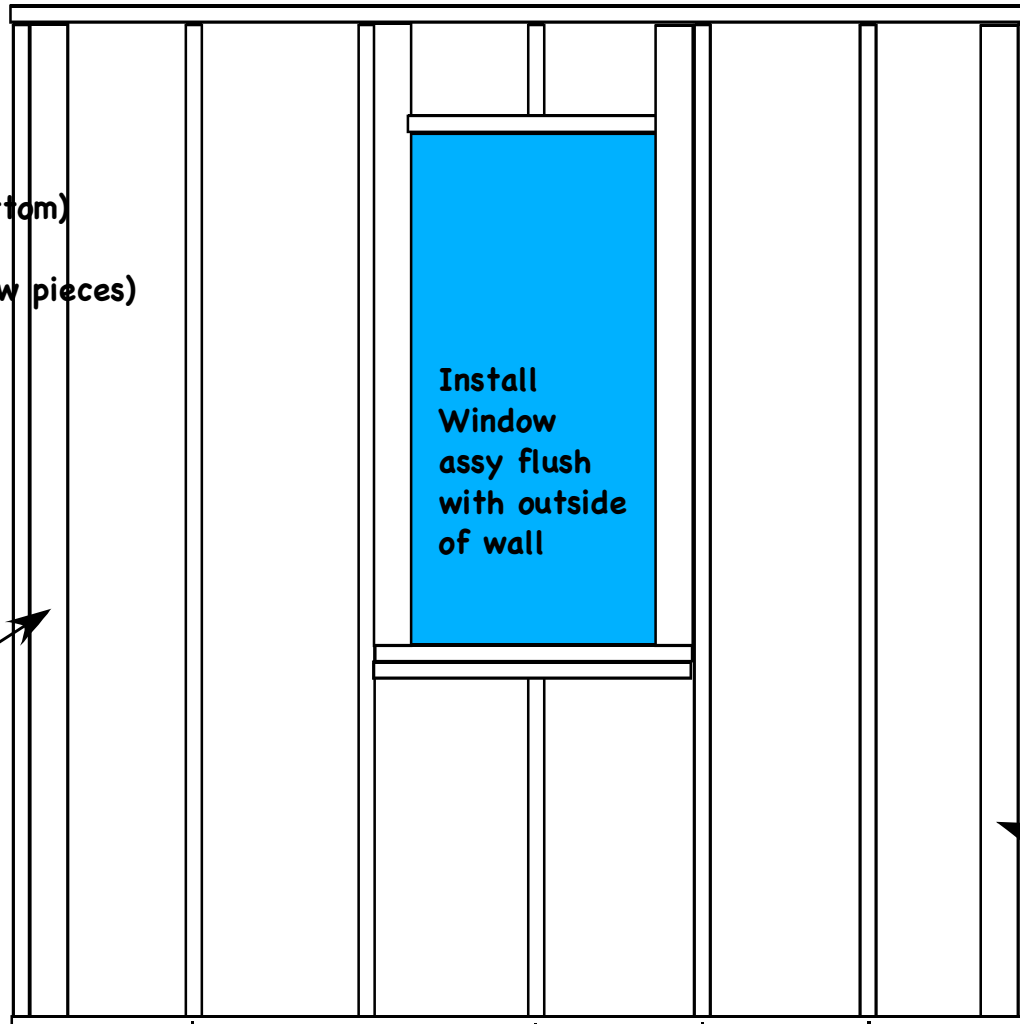
Abutt to
Window
Assy

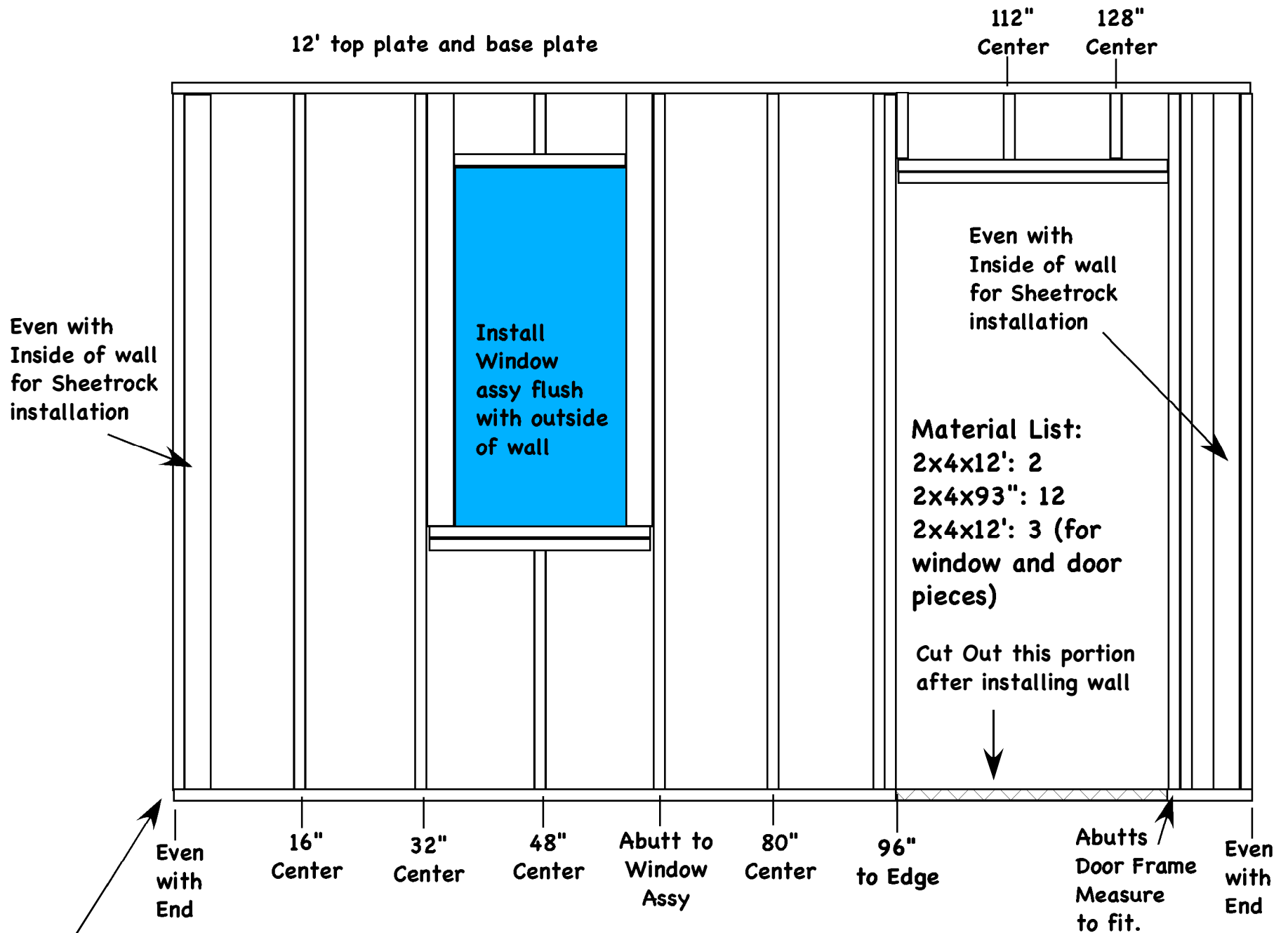
80"
Center

Even
with
End

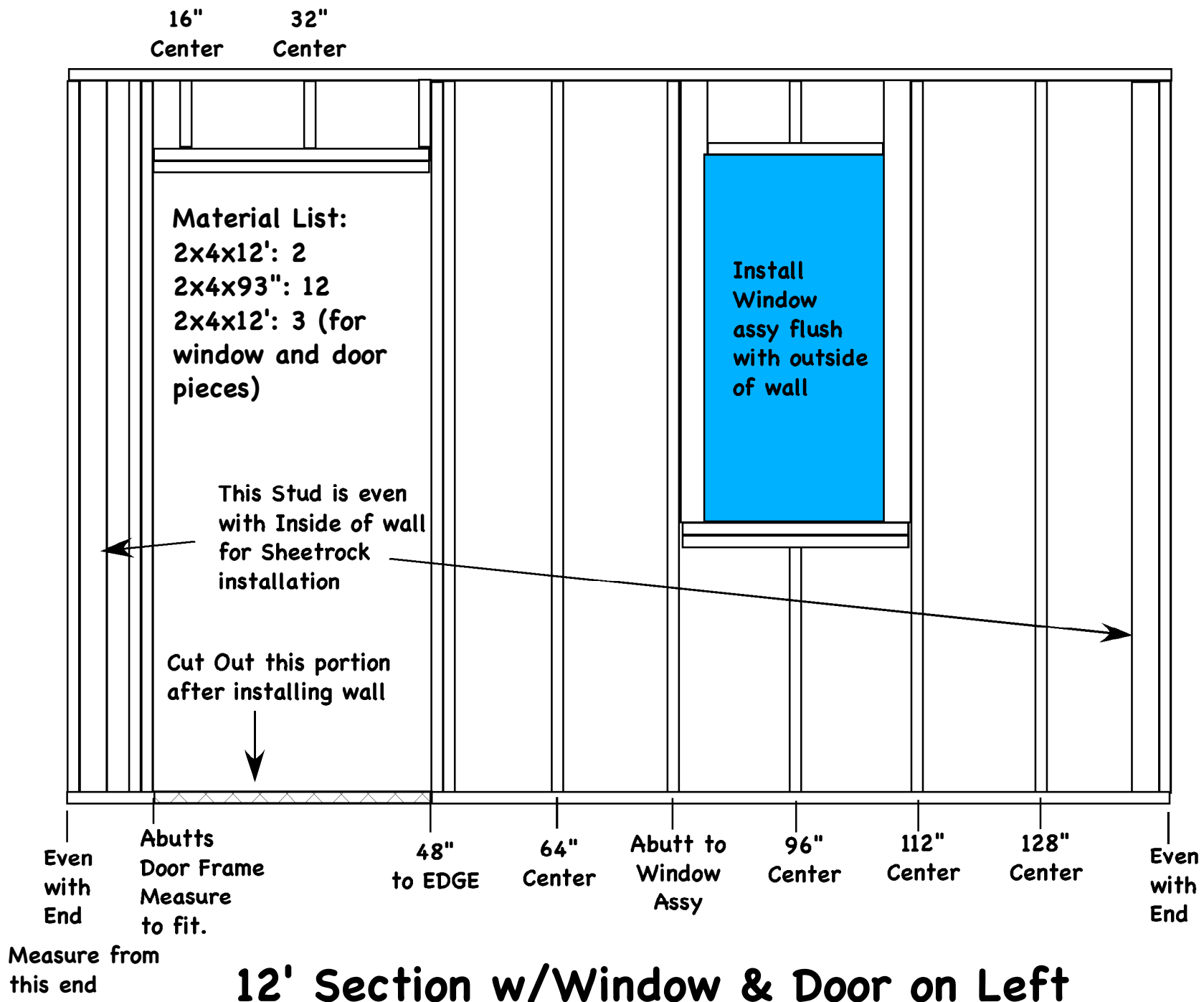
Measure from
this end

8' Left Wall Section w/Window

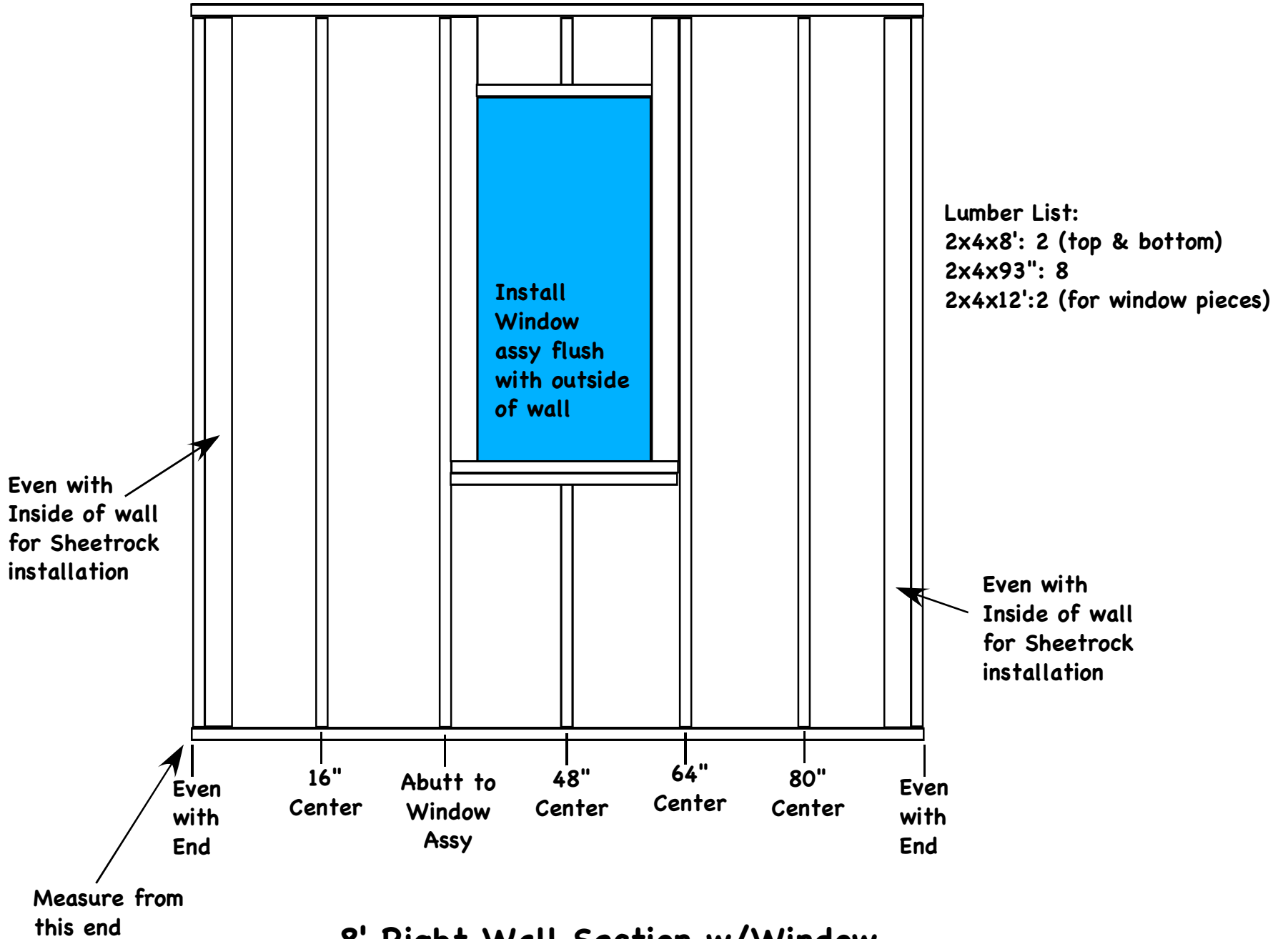




12' Section w/Window & Door on Right



8' base plate and top plate



8' Right Wall Section w/Window

Window Assembly



Top View

Notch out this board to fit above window

Shave 2x4's and slide window down to pre-built base

For a window of 3 foot tall, I would suggest placing the bottom of the window at 3'4". For this height, cut side pieces to 4'6". For shorter people, maybe 3' height. Adjust as necessary.

Add this piece last to lock in window (see notch above)

Build base out of 2x4's

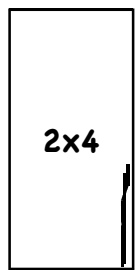
Side View

Aluminum Channel

View From Top Of Window

Position studs as needed under and over window after installed in wall

Window Assembly, Place between studs on wall (need to position studs appropriately)



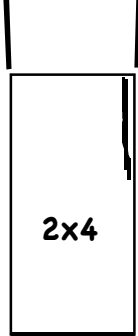
2x4

Front

Rear



Shave 2x4 using circular saw so window will slide onto boards

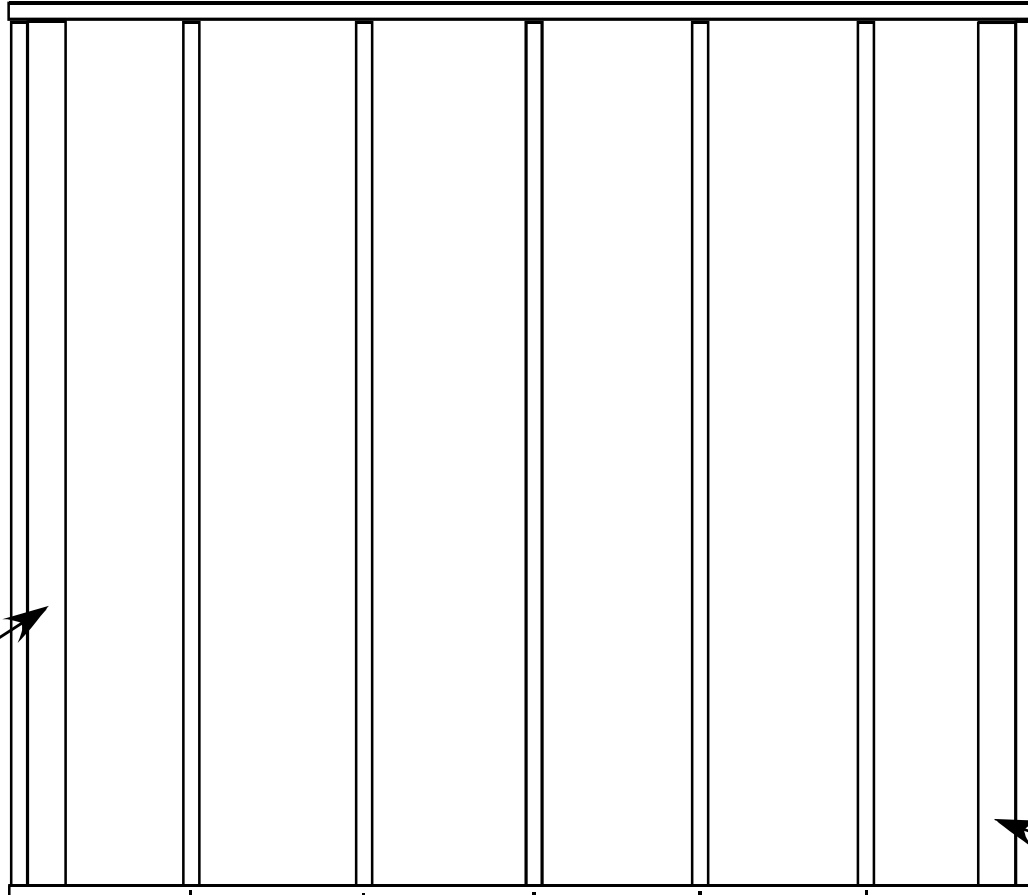


2x4

Front

Rear

8' base plate and top plate



Lumber List:

2x4x8': 2

2x4x81": 9

Double for 2 sections

Even with
Inside of wall
for Sheetrock
installation

Even
with
End

Measure from
this end

16"
Center

32"
Center

48"
Center

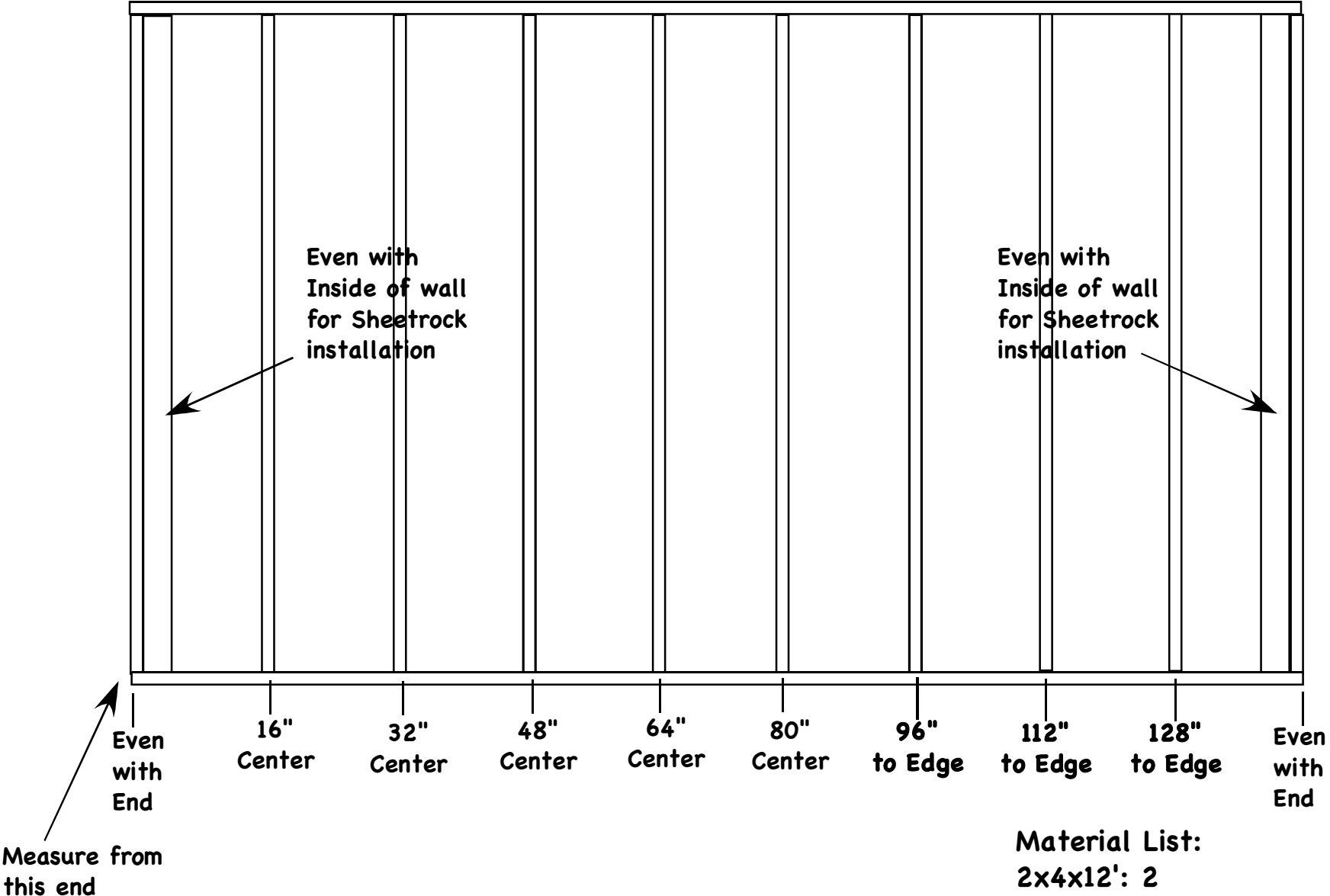
64"
Center

80"
Center

Even
with
End

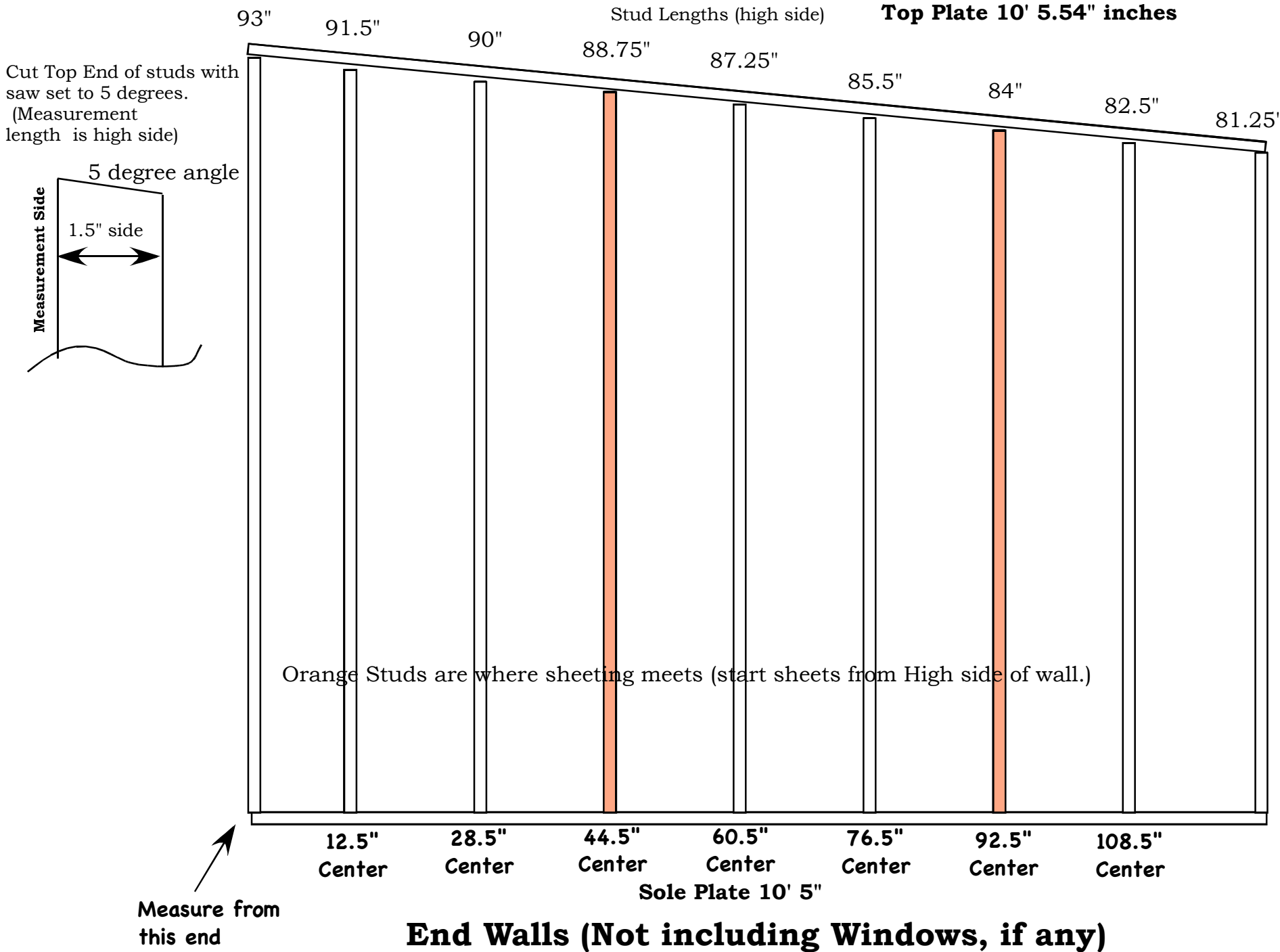
8' Rear Wall Section (2 required)

12' top plate and base plate



12' Rear Wall Section

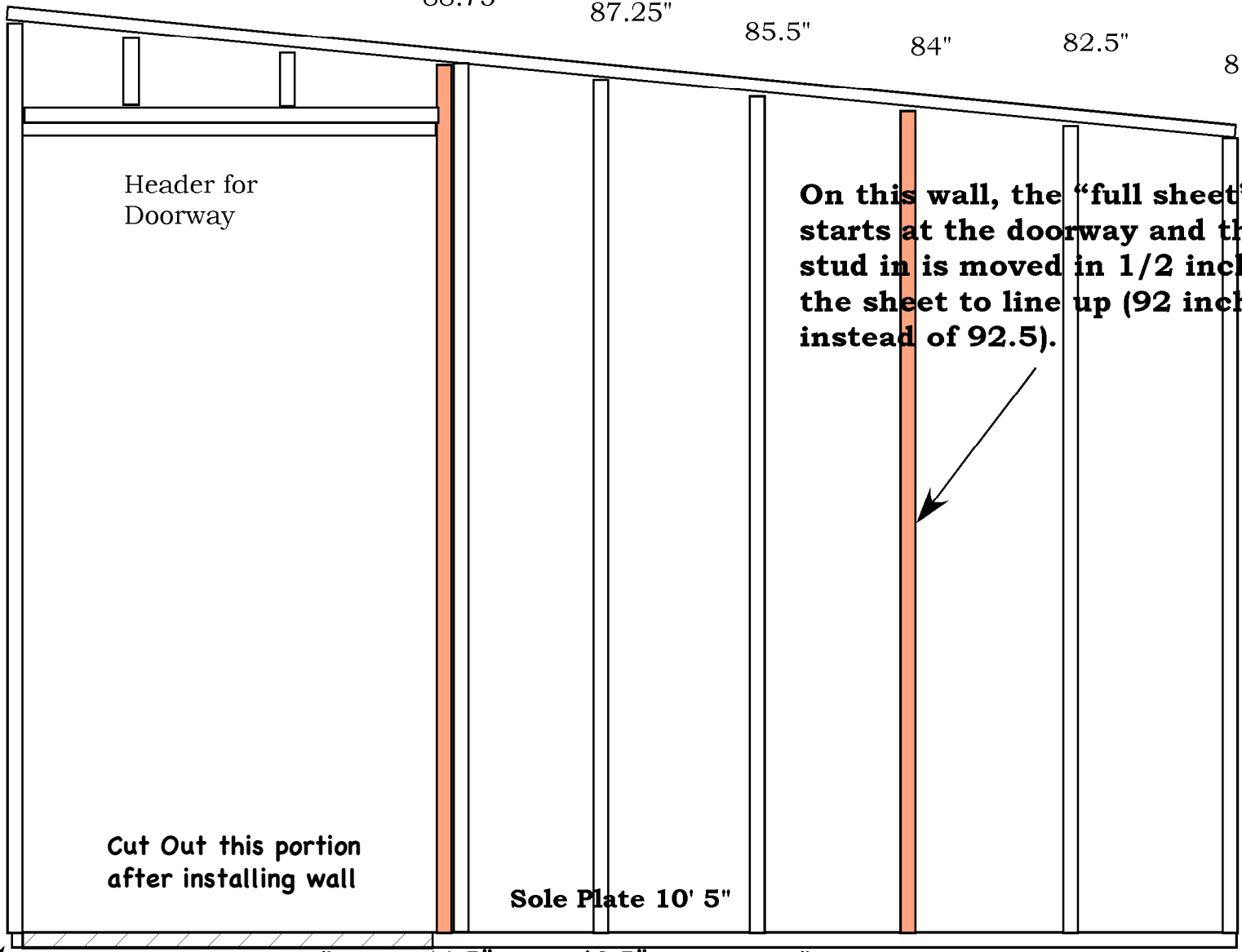
Material List:
2x4x12': 2
2x4x81": 12



93" Cut Header Pieces to Fit

Top Plate 10' 5.54" inches

88.75" 87.25" 85.5" 84" 82.5" 81.25"



Header for Doorway

On this wall, the "full sheet" starts at the doorway and the 3rd stud in is moved in 1/2 inch for the sheet to line up (92 inches instead of 92.5).

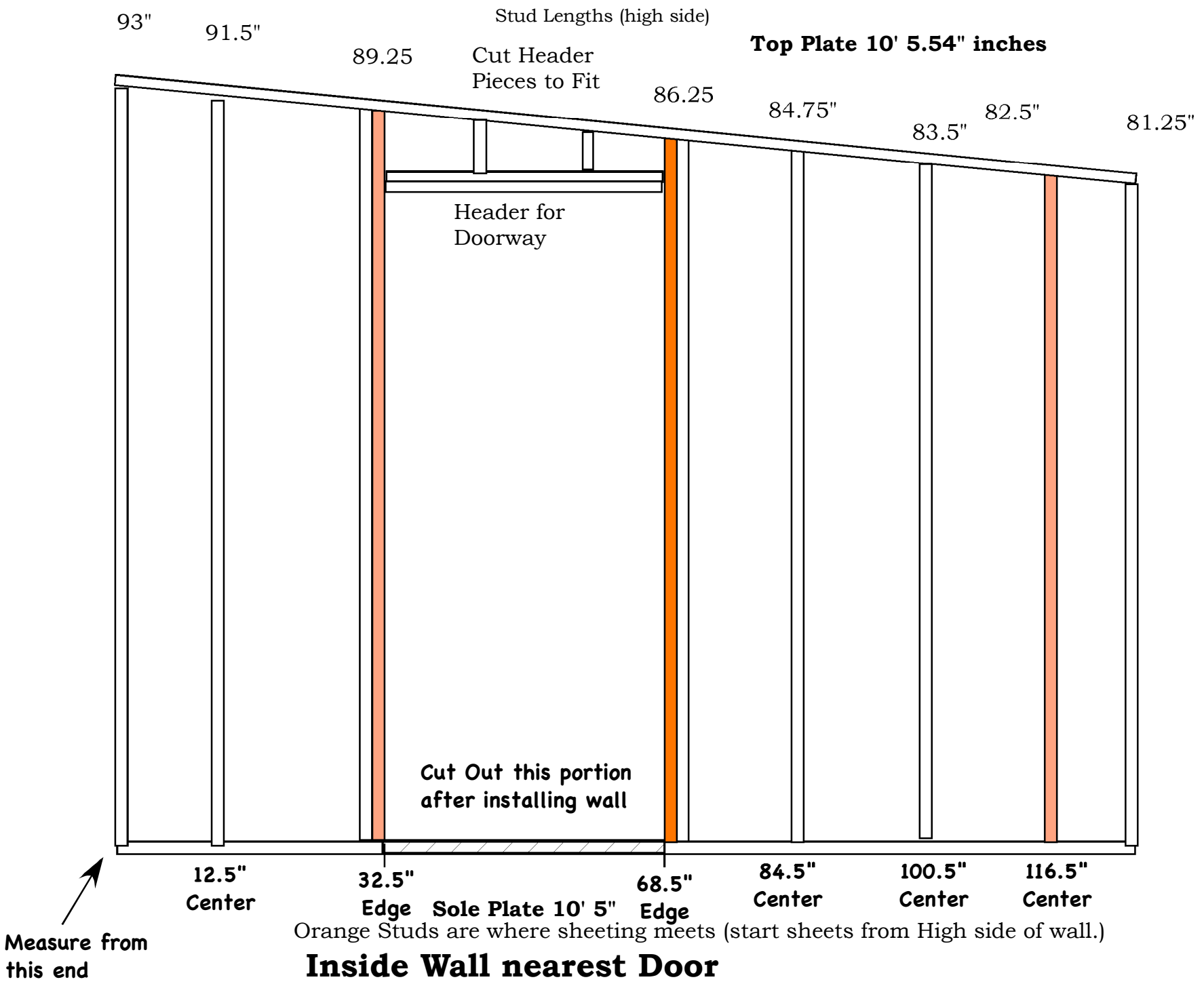
Cut Out this portion after installing wall

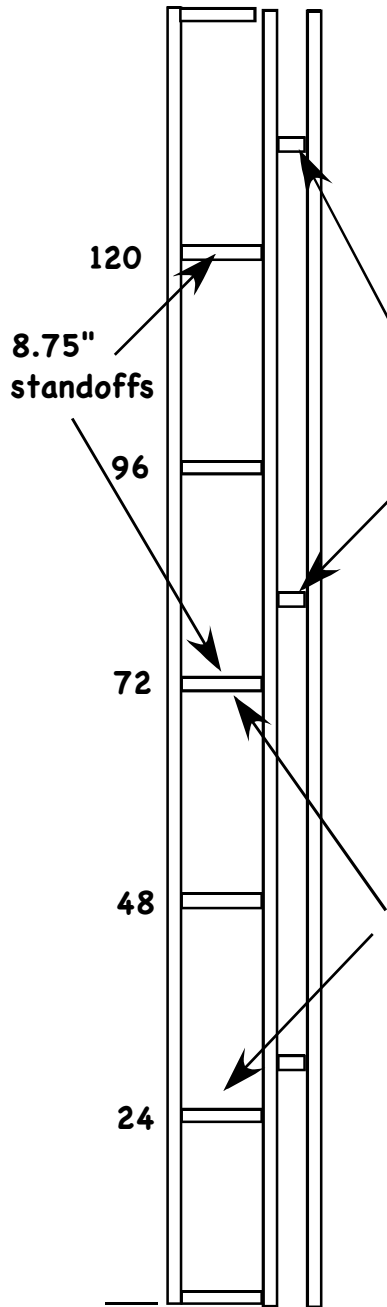
Sole Plate 10' 5"

12.5" Center 28.5" Center 44.5" Center 60.5" Center 76.5" Center 92" Center 108.5" Center

Measure from this end

Inside Wall Away from Door

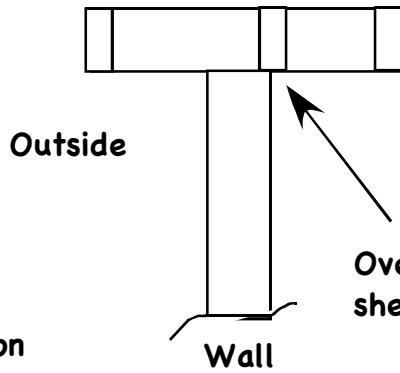




Left Roof Rafter end

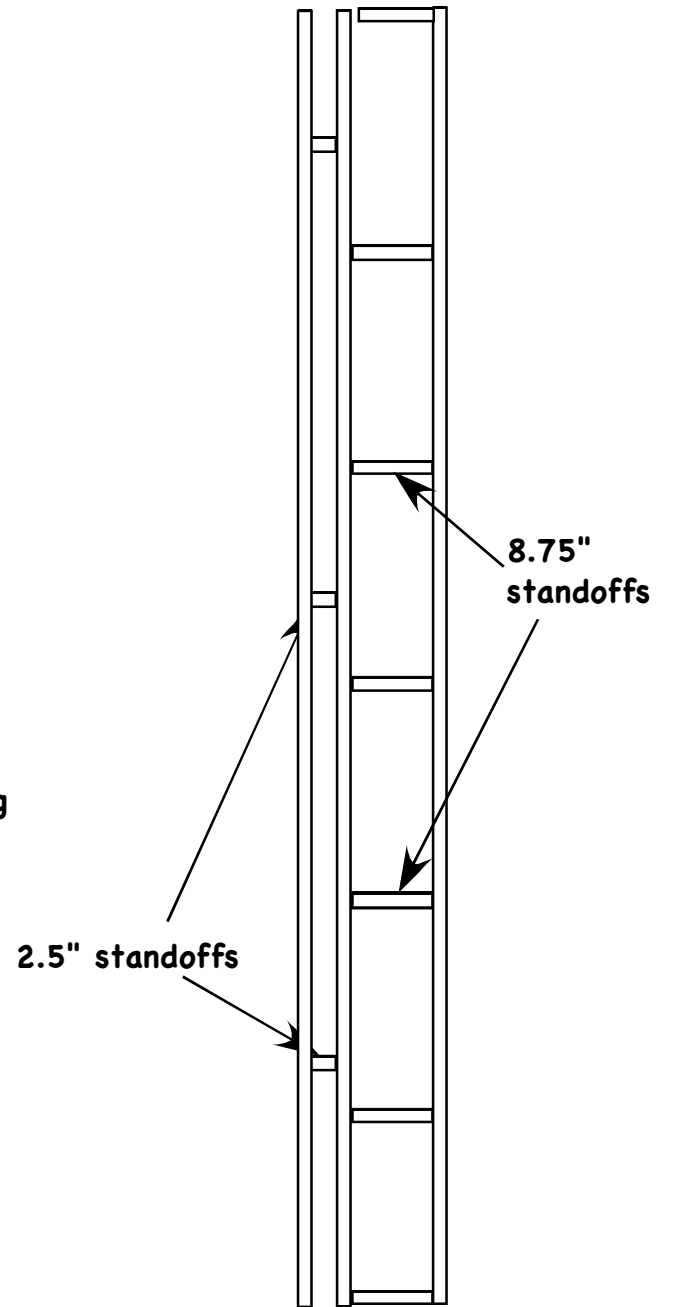
Build up these sections on the ground and set on walls to form ends of roof. Line up center rafter where 1/2 sticks out into room so there is a place to nail sheetrock.

3.5" standoffs



Place on 2' centers for nailing soffit underneath

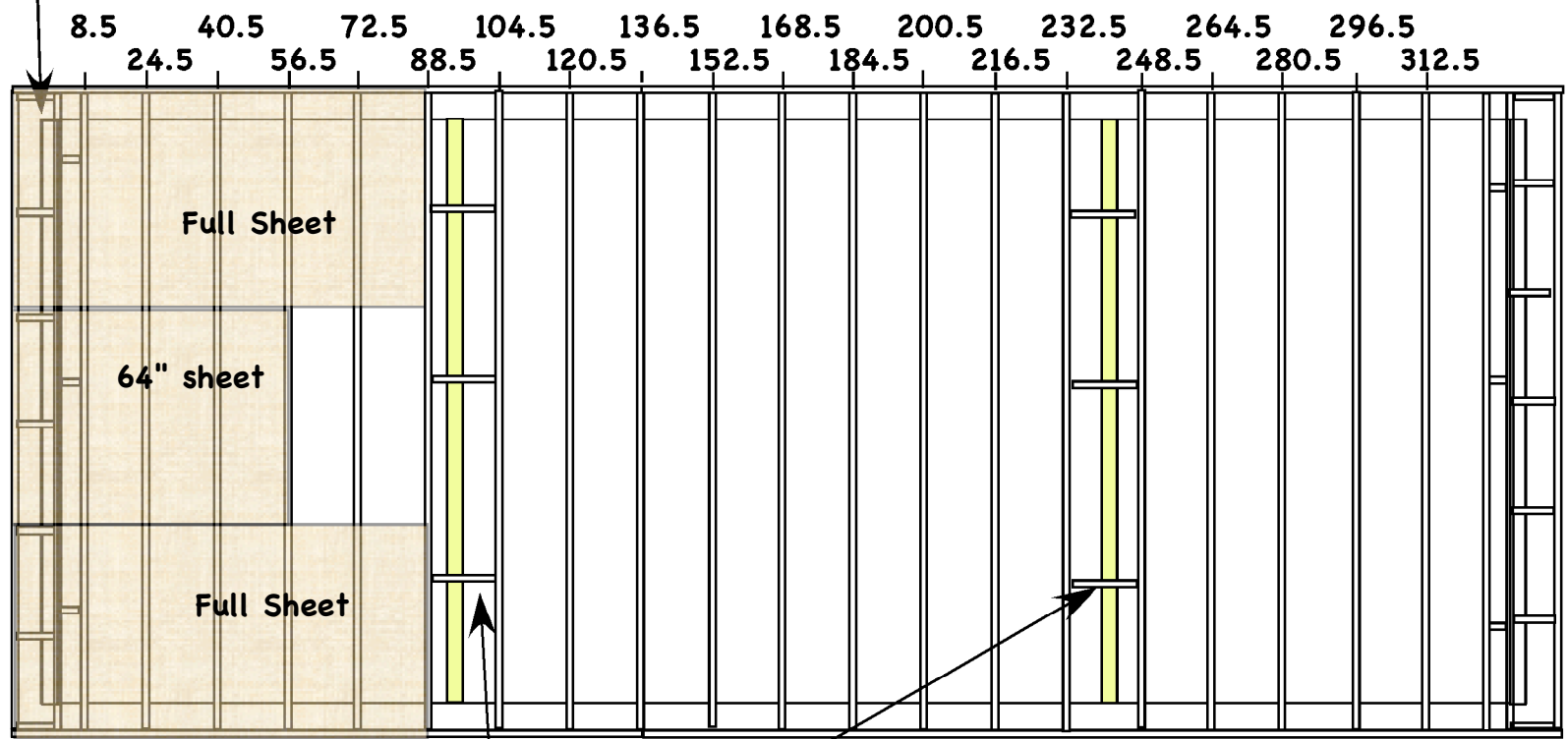
Rafter Sections on Each End



Right Roof Rafter end

Measure rafters
position from outside
edge of wall

Rafter Positions

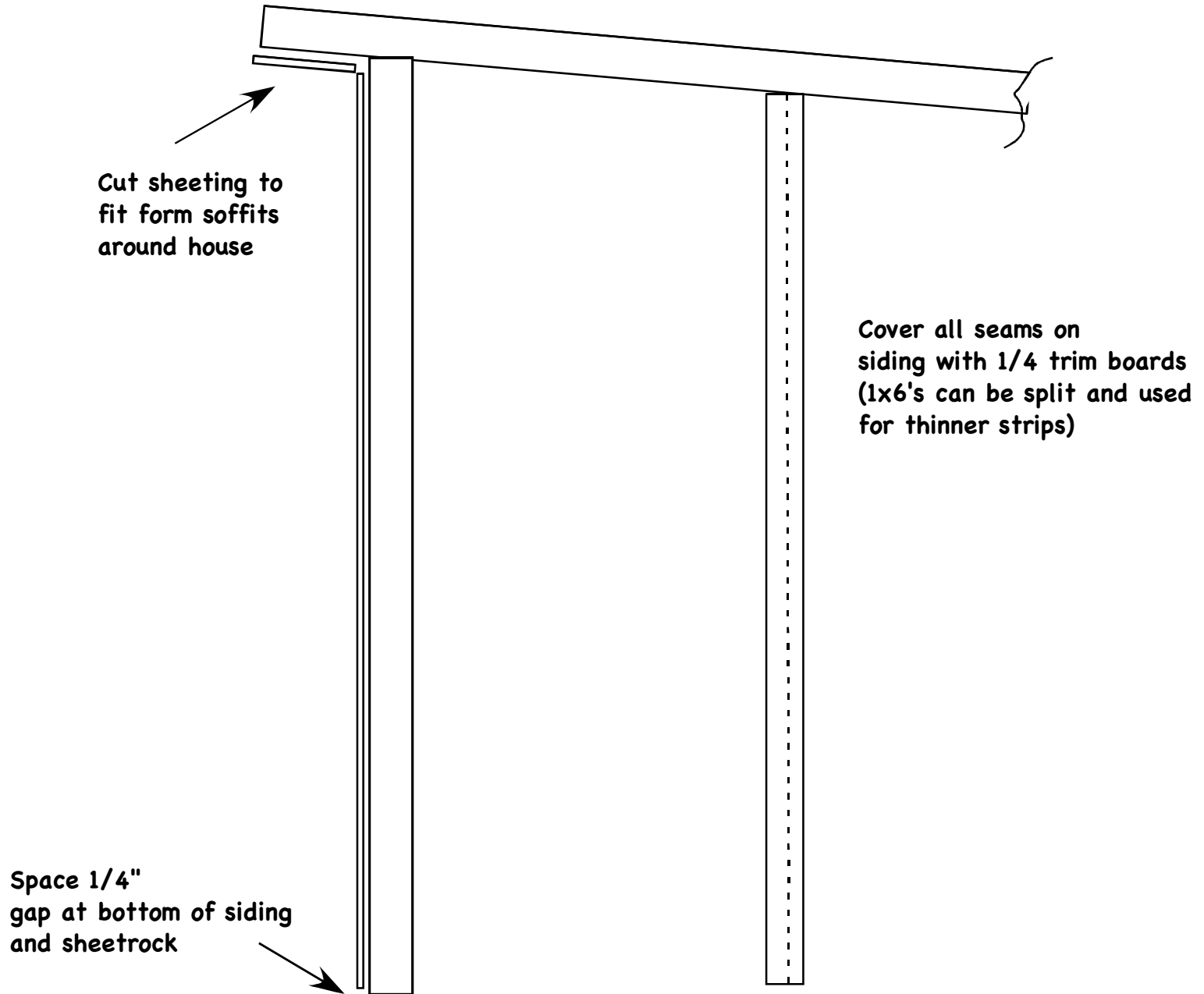


Start Decking
from this end.
Start middle run
with 64" sheet to
offset seams. Continue
across roof and cut off excess
at other end.

14.5" Support
over walls to give
roof strength

Cut List for Roof:
Rafters 11'10": 24
Spacers 8.75": 15
3.5" spacers: 3
2.5" spacers: 3
14.5" supports: 6
4x8 decking: 12
Perimeter boards: 59' total

Cut Off Excess
Decking From
this end



Cut sheeting to
fit form soffits
around house

Cover all seams on
siding with 1/4 trim boards
(1x6's can be split and used
for thinner strips)

Space 1/4"
gap at bottom of siding
and sheetrock

Cut List for end walls and inside walls:

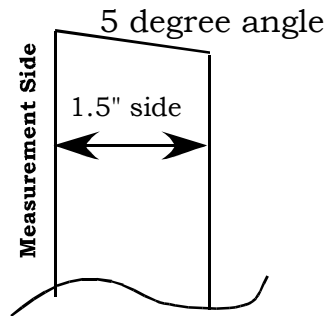
top piece is 10' 5.54" (4 each)
bottom piece 10' 5" (4 each)

The following cut with 5 degree angle measured on high side:

End walls

93" (2 each)
91.5" (2 each)
90" (2 each)
88.75" (2 each)
87.25 (2 each)
85.5 (2 each)
84" (2 each)
82.5 (2 each)
81.25 (2 each)

Cut Top End of studs with
saw set to 5 degrees.
(Measurement
length is high side)



For inside walls nearest door:

93"
91.5
89.5
89.25
86.25
86
84.75
83.5
82.5
81.25

For inside wall away from door:

93"
88.75
88.5
87.25
85.5
84
82.5
81.25

Other Cut Items:

Rafters (2x4): 11'10":24
Front studs (93"):28
Rear studs (81"):30

Material List:

2x4x12':36
2x4x8': 66
2x4x10': 16
1x4x10': 6 (perimeter of roof)
1x4x8': 36 (trim boards)
4'x8' sheets: 35
sheet rock (4x8): 36 sheets
(40 if rocking both sides of inside w