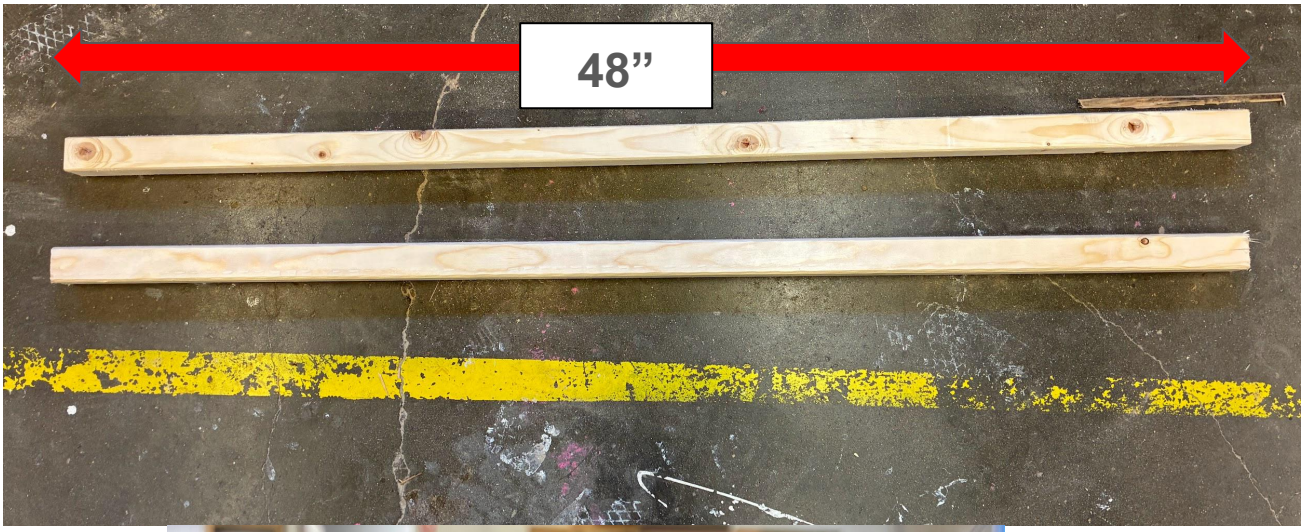
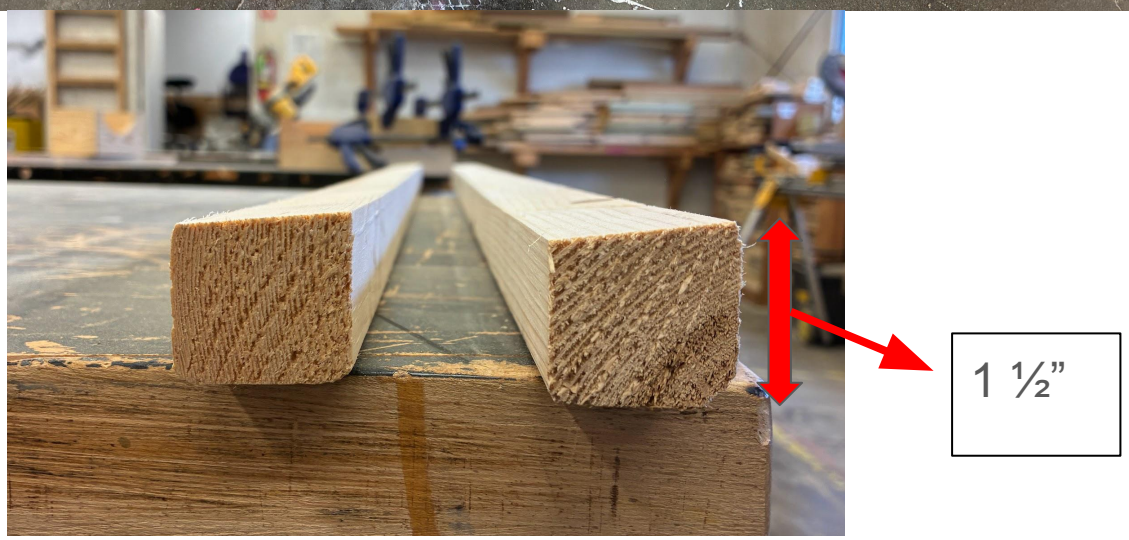
The Collapsible Deer Stand

<u>Material List</u>
45-2x2x8’ Pine boards
3-2x6x8’ Treated Pine Boards
2-1x4x8’ Treated Pine Boards
1-Sheet of ¾” Treated plywood
2-Sheets of ⅜” Treated Plywood
1 large box of 2” wood screws
1 large box of 3” wood Screws
1-Small box of 2 ½” Screws

Pre-Cut Lumber (See first page of plan)
2- 2x2x4’ pieces of lumber with a 5 degree rip on one side

Pre Cut Lumber Preparation



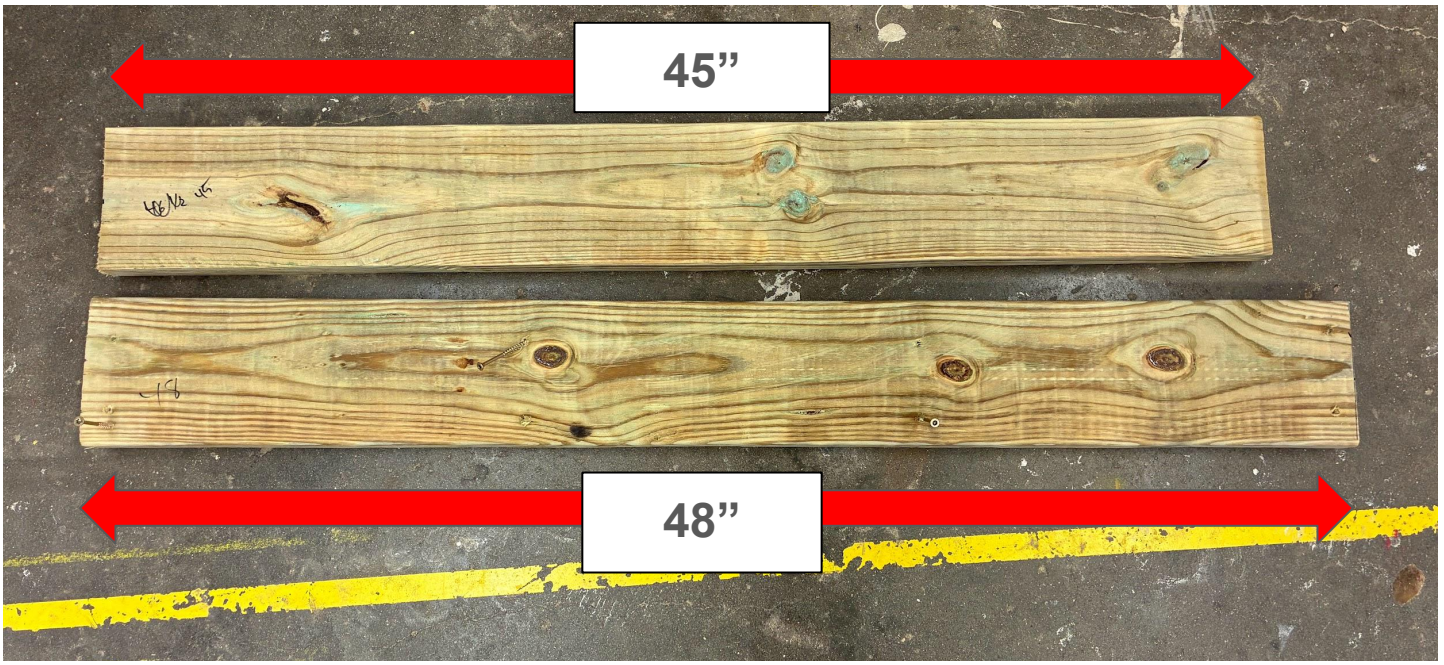


At your Ag Department cut 2 pieces of 2x2 lumber 48” long. Then rip a 5 degree angle on one side of each piece keeping the original 1 ½” dimension of the board on one side.

Step 1- Cut Subfloor

First, cut a 48”x48” piece out of the treated ¾” plywood sheet.

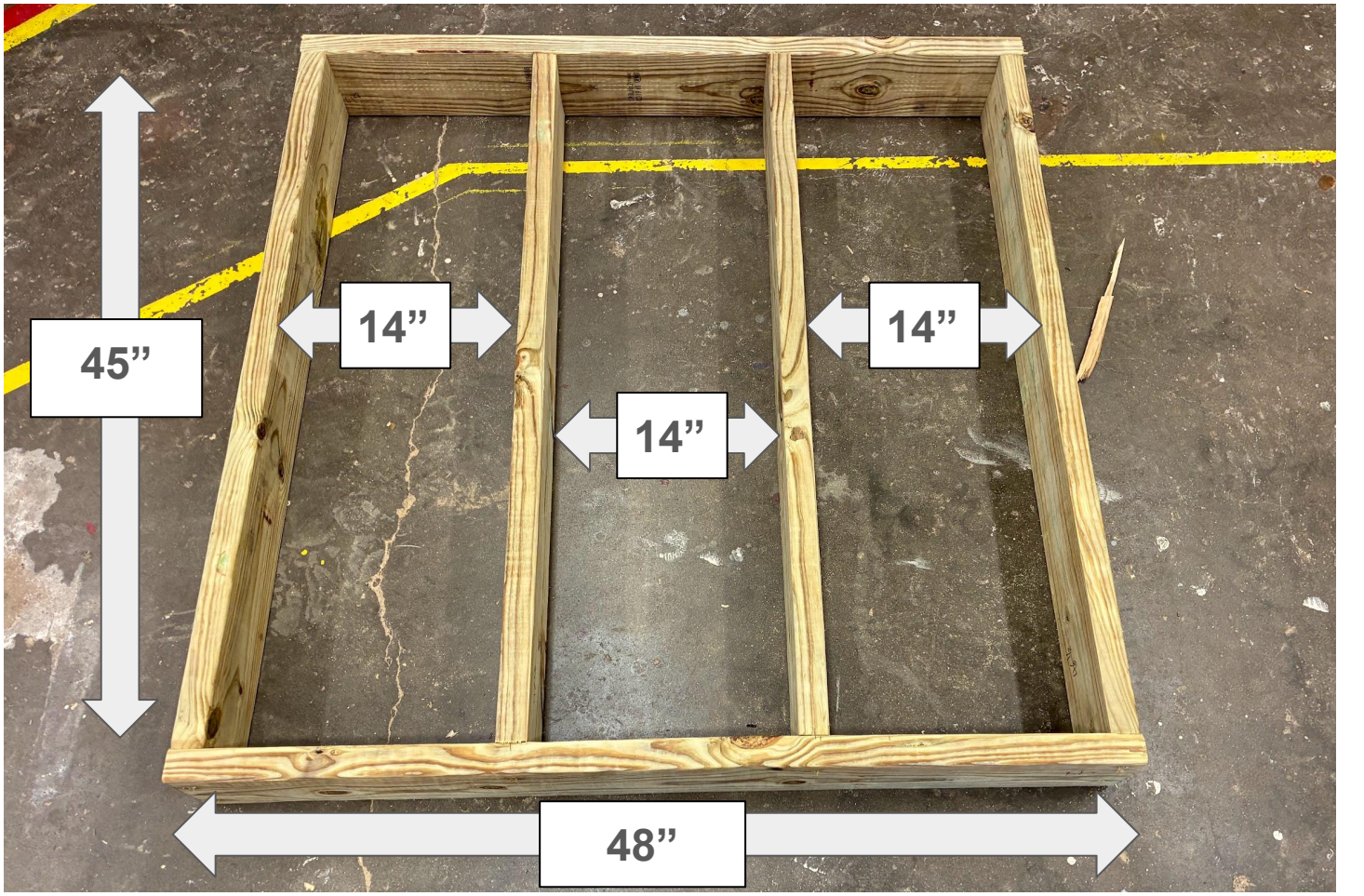
Step 2- Cut and assemble floor assembly.



Cut 2- 48” pieces from the treated 2x6s

Cut 4- 45” pieces from the remaining treated pieces.

Step 2- Cut and assemble floor assembly continued.

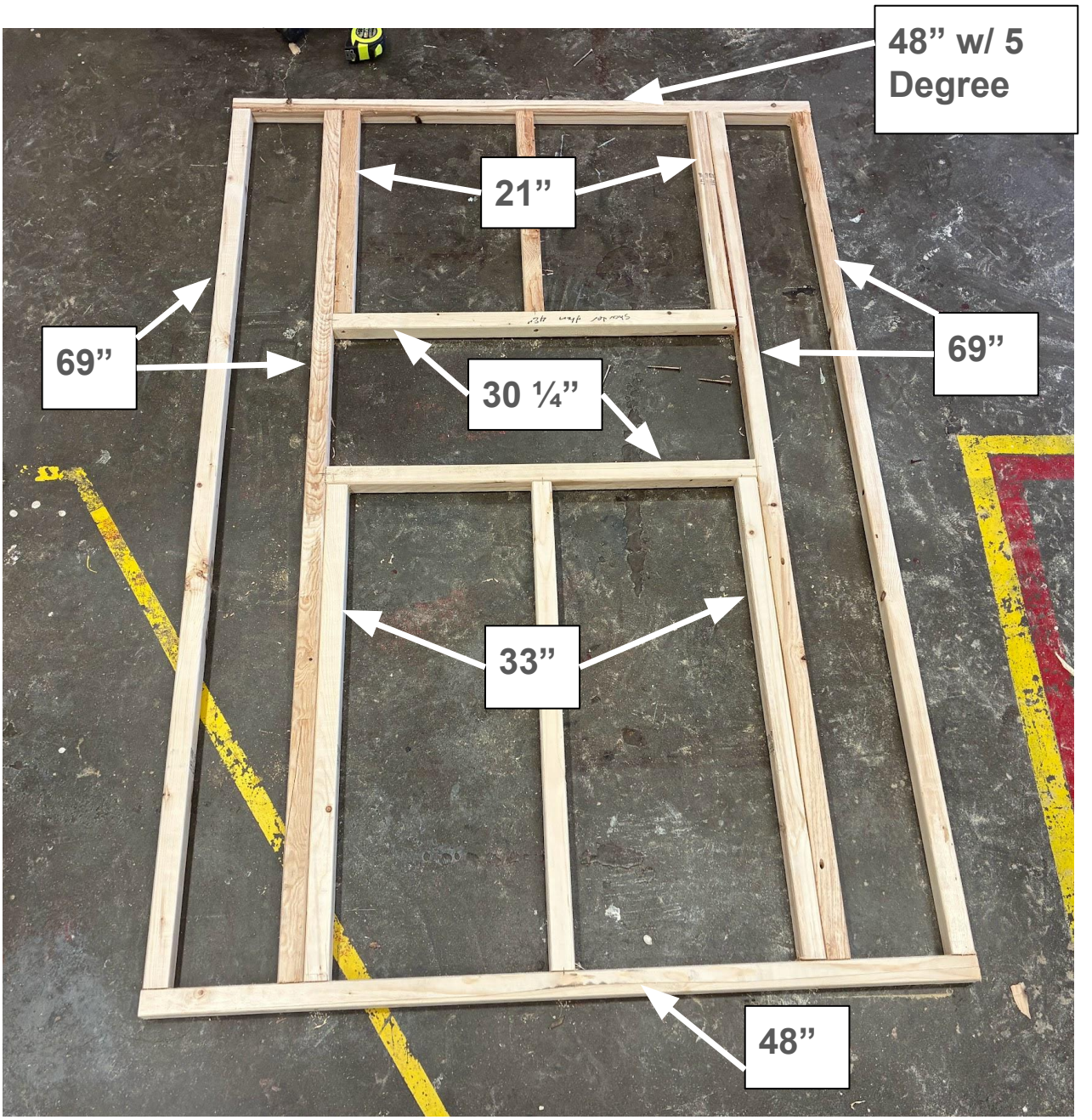


Layout your floor assembly according to the diagram and attach together with 3” screws.

Step 3-Attach Subfloor

Take your cut out Subfloor and attach it to the floor assembly using the 2” screws.

Step 4- Front Wall Assembly

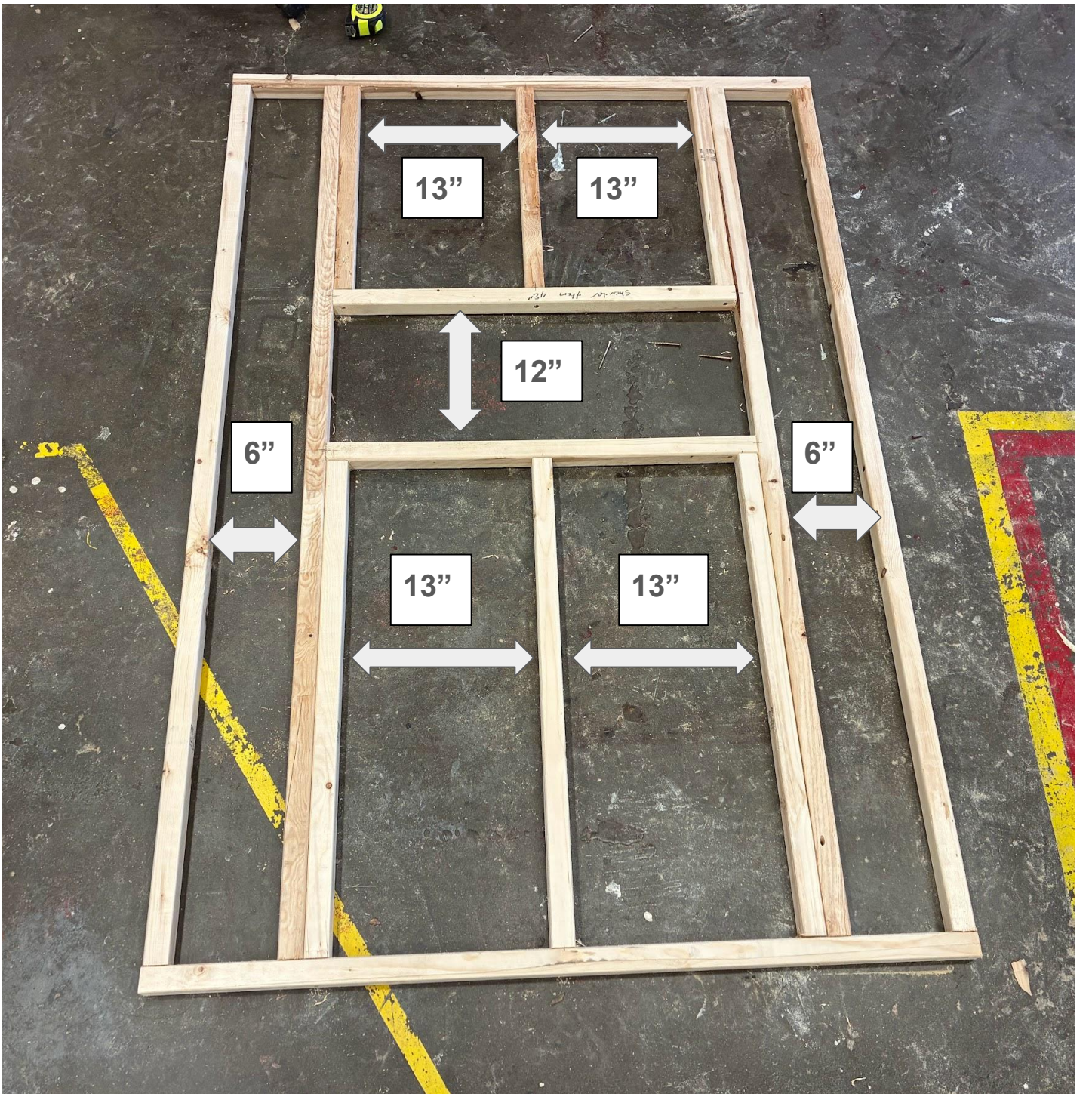


Begin by cutting the following pieces out of your 2x2s:

1-48” soleplate
4-69” Studs
2-30 ¼” Window Frames
3-21” top window cripple studs
3-33” Bottom window cripple studs

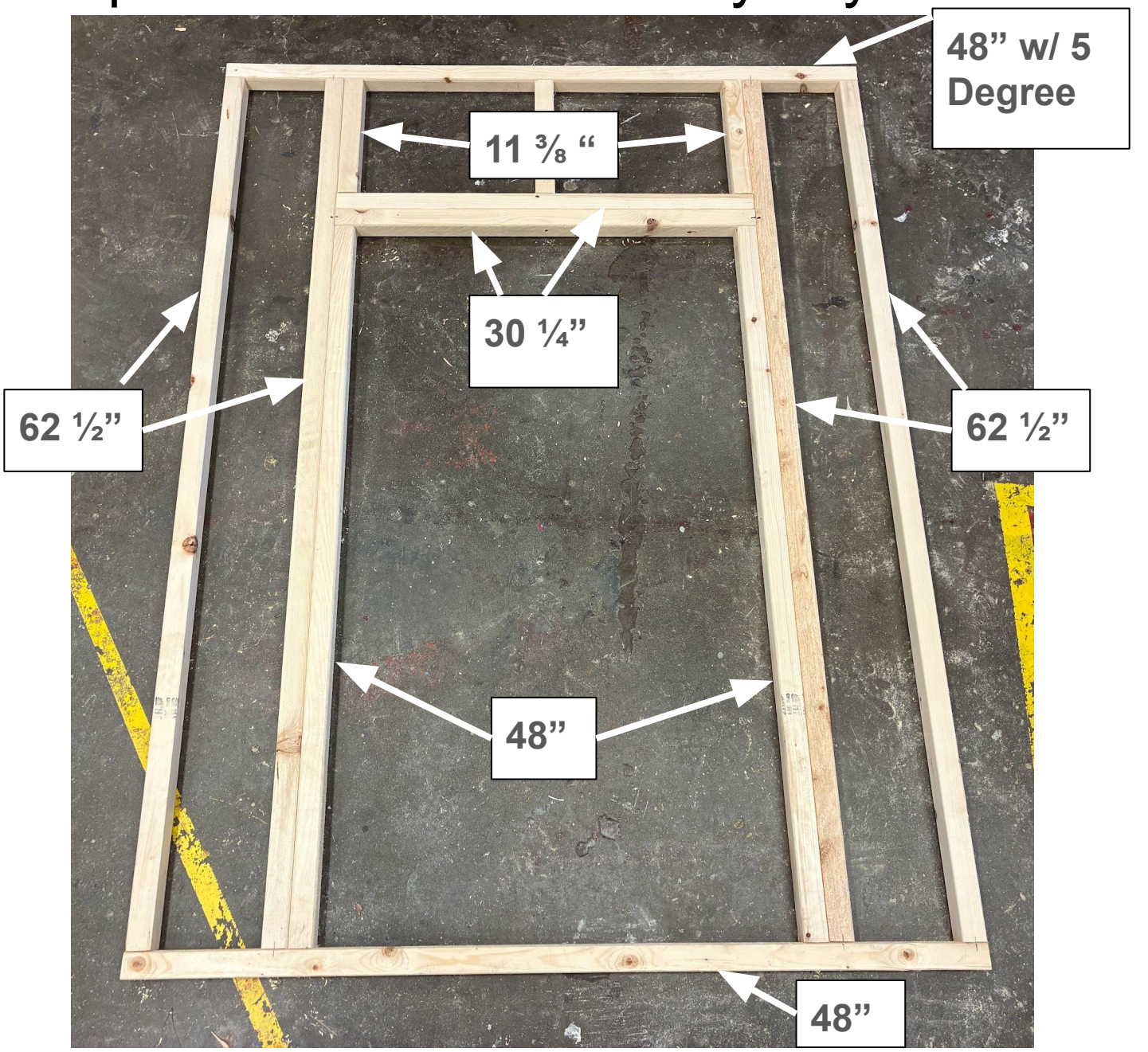
Use one of your precut 48” pieces with a 5 degree rip as the top plate.

Step 4- Front Wall Assembly continued (Gaps for Layout).



Layout boards according to these gaps and attach boards together using 3” and 2” screws. The 5 degree angled side of the precut 48” top plate should be faced up when installed.

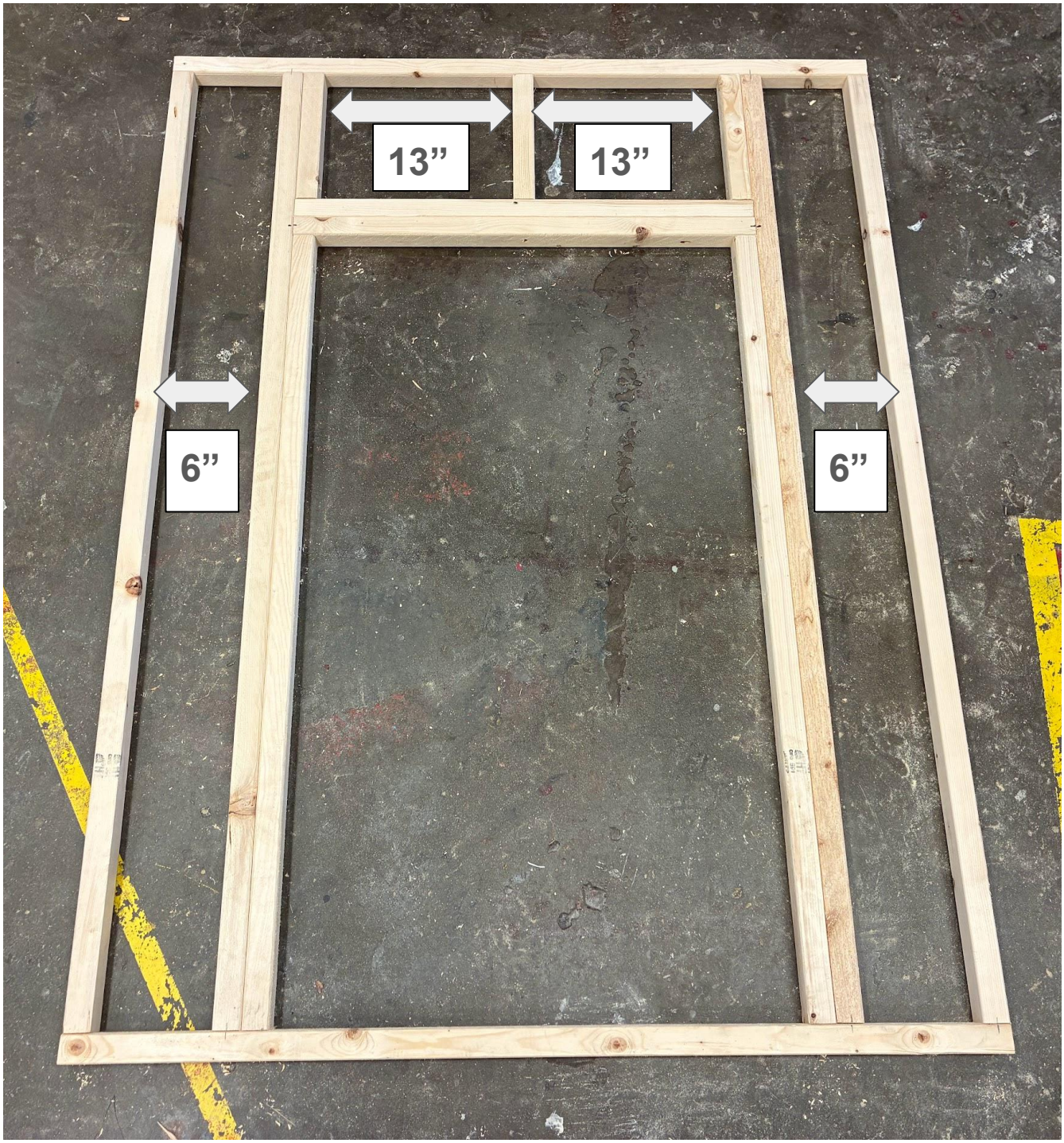
Step 5- Back Wall Assembly Layout



Begin by cutting the following pieces out of your 2x2s:
1-48” soleplate
4-62 ½” Studs
2-30 ¼” Door Frame Headers
3-10 ⅜” top of door cripple studs
2-48” trimmer studs

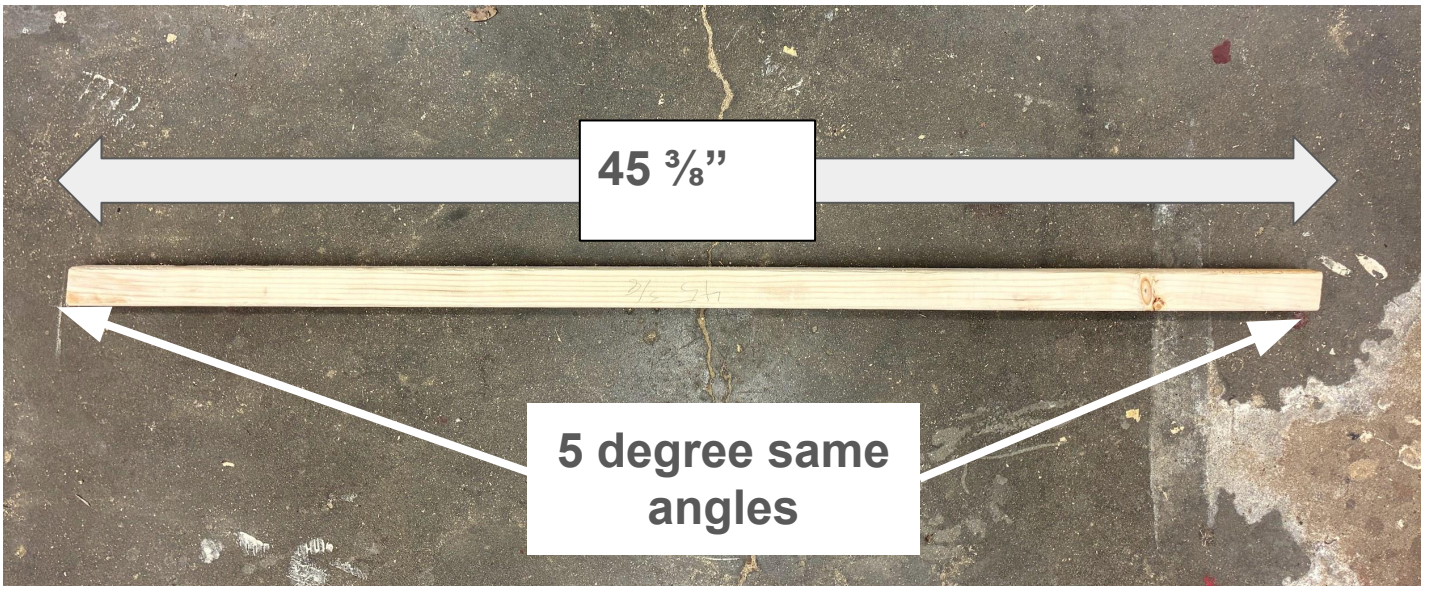
Use one of your precut 48” pieces with a 5 degree rip as the top plate.

Step 5- Back Wall Assembly Layout



Layout boards according to these gaps and attach boards together using 3” and 2” screws. The 5 degree angled side of the precut 48” top plate should be faced up when installed.

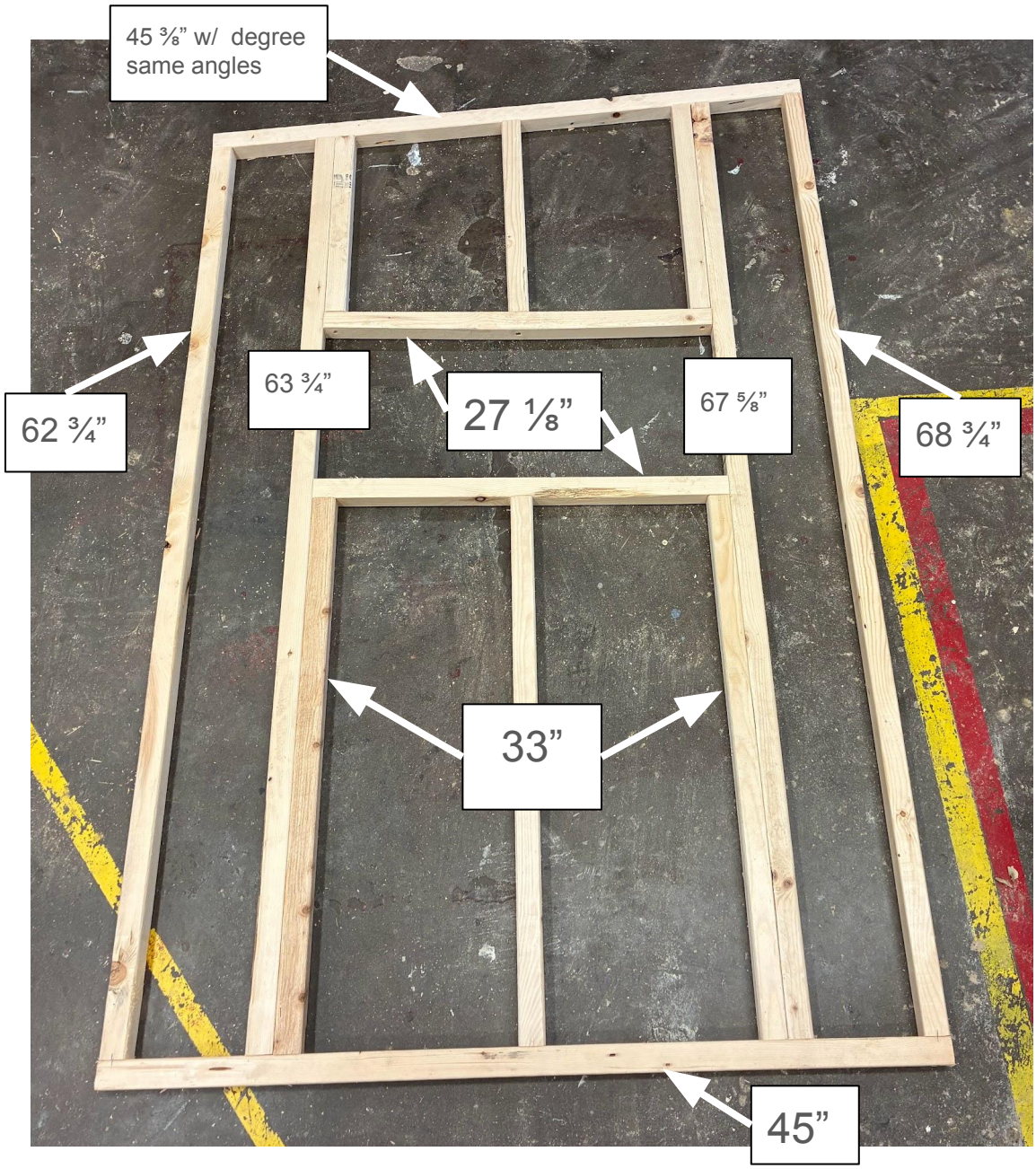
Step 6- Side Wall Assemblies Specialty Cuts



The Top plate for both walls is a 45 ⅜” long piece of 2x2 that has 5 degree same angles cut on each end.

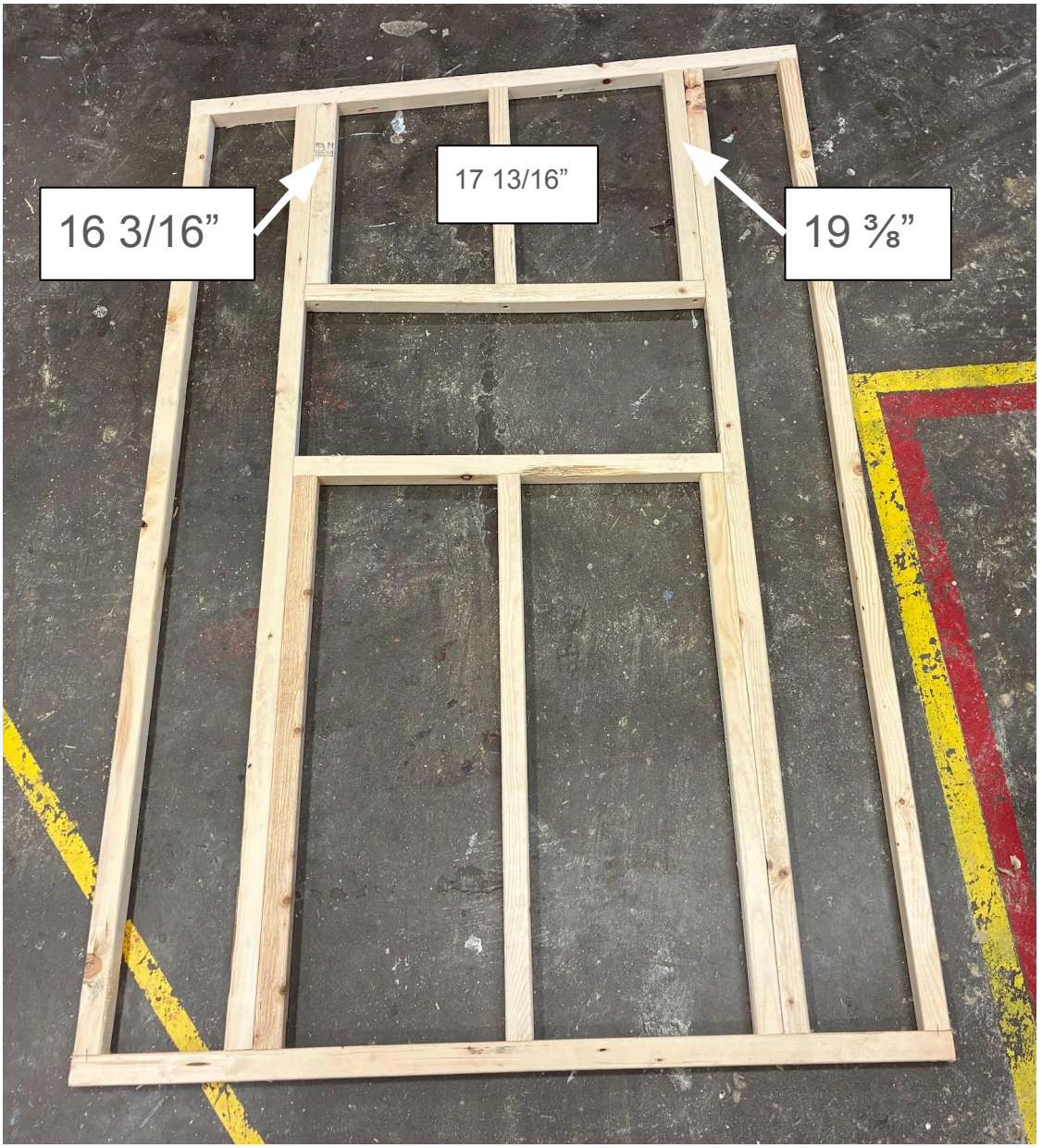
All above widow cripple studs and full length studs will have a 5 degree cut on one side.

Step 6-Side Wall Assemblies



Begin by cutting 2 sets of the following pieces out of your 2x2s:
2-45” soleplate
2-45 ⅜” Top plates w/ 5 degree same angles on each end.
2-27 ⅛” Window Frame pieces
3-33” bottom of window cripple studs
1-62 3/4” stud w/ 5 degree angle top
1-63 ¾” stud w/ 5 degree angle top
1-67 ⅝” stud w/ 5 degree angle top
1-68 ¾” stud w/ 5 degree angle top

Step 6-Side Wall Assemblies Continued

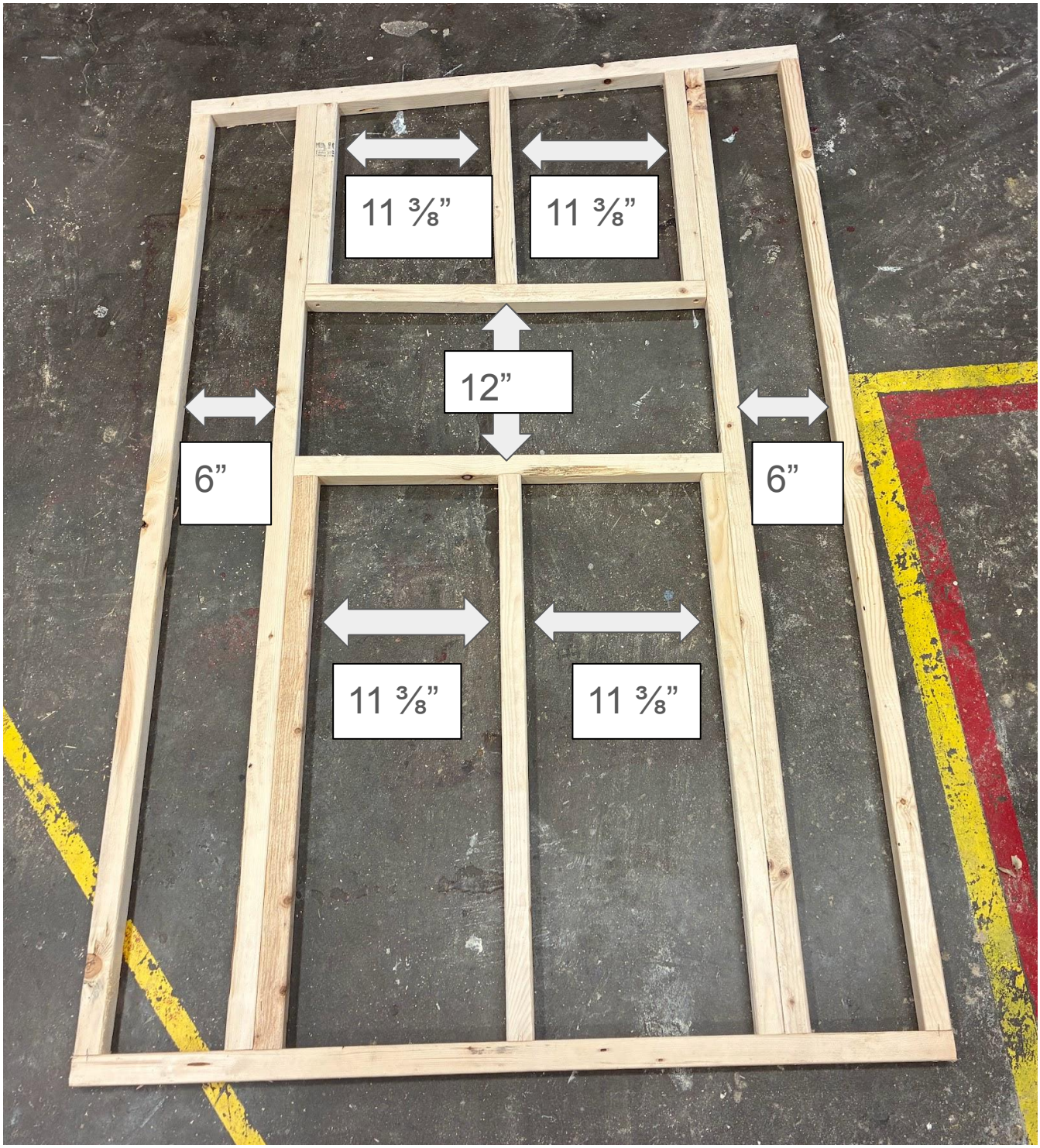


Cut list continued

1- 16 3/16” Cripple Stud with 5 degree angle top
1-17 13/16” cripple stud with 5 degree angle top
1-19 ⅜” cripple stud with 5 degree angle top

*Both side walls will match each other the cut list is the same for the other wall.

Step 6-Side Wall Assemblies



Layout boards according to these gaps and attach boards together using 3” and 2” screws. The 5 degree angled side of the precut 48” top plate should be faced up when installed. Follow the same pattern for both side walls

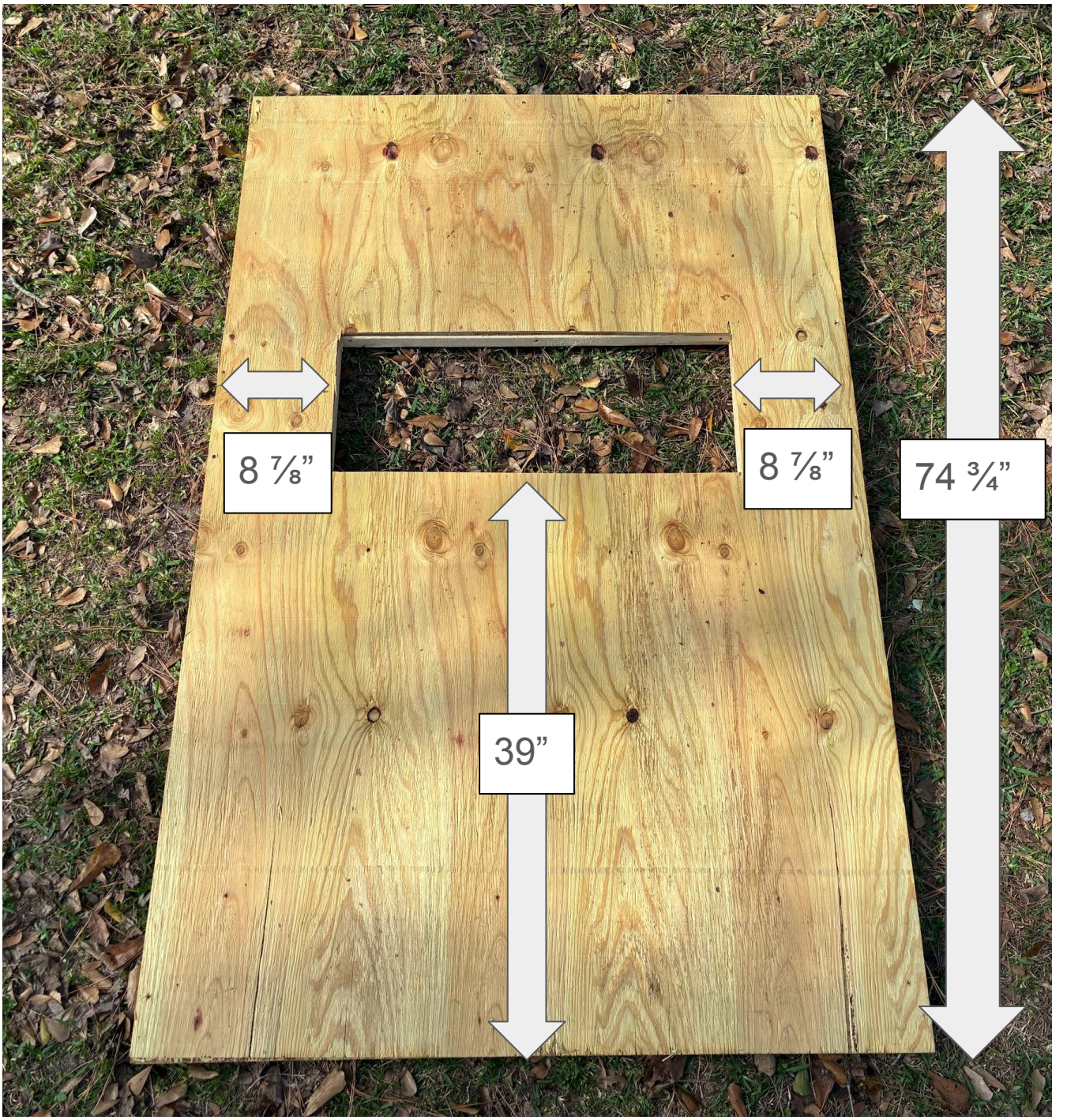
Step 7- Attach Back and Left Side wall Assembly to Floor Assembly.

First Take the back wall assembly and line it up with the edge of the floor assembly. Attach the back wall assembly to the floor assembly using no less than 5-3” screws spaced out evenly.

Step 7- Attach Back and Left Side wall Assembly to Floor Assembly.

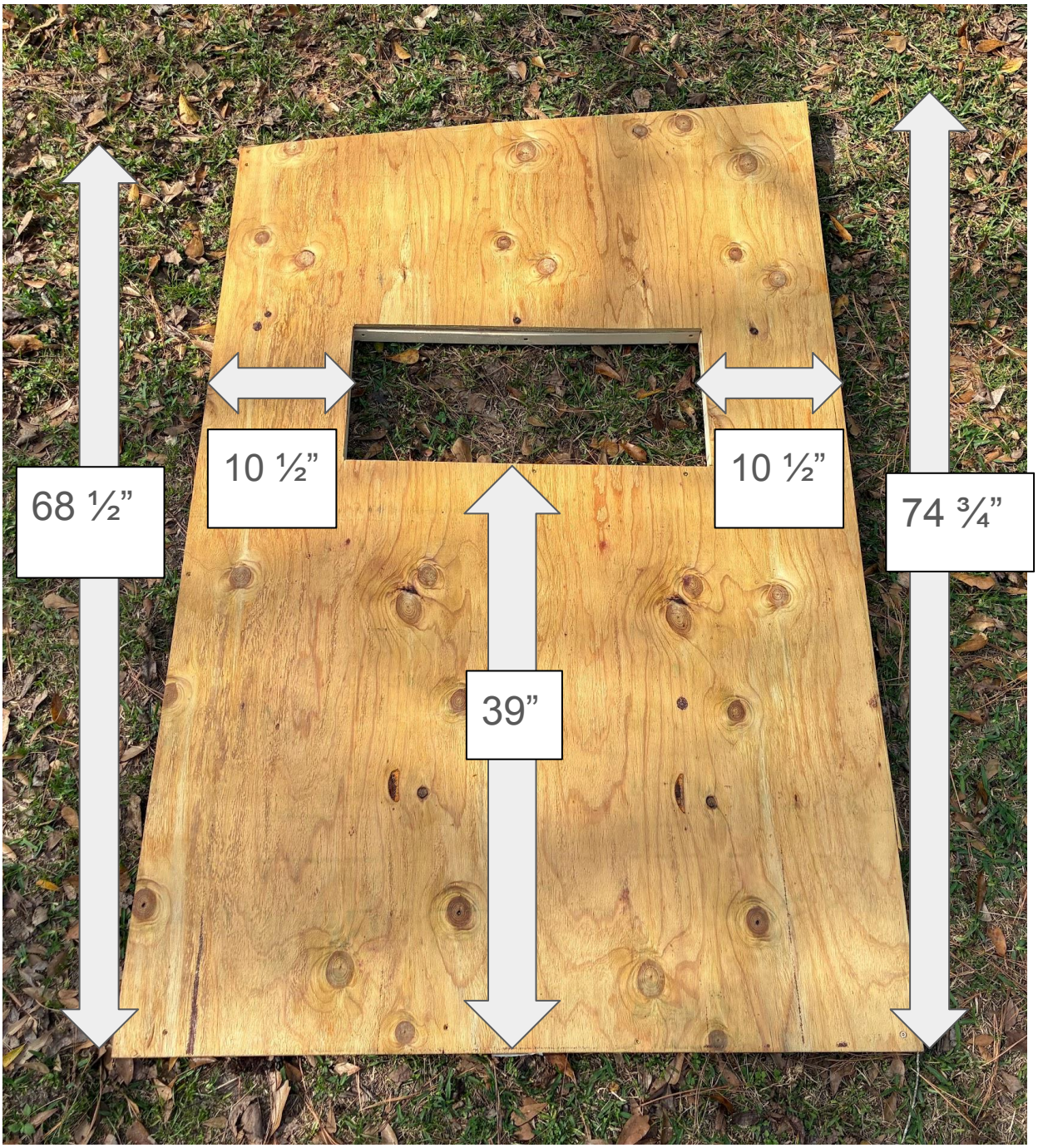
Next, line up the left side wall assembly (When looking from the back wall) with the edge of the floor assembly and secure it to the floor using no less than 5-3” screws spaced evenly. Use 5-2 ½” screws to attach the corner studs of both walls together.

Step 8- Prepping Sheathing for the Front and Right Wall Assemblies.



Take one sheet of your ⅜” Treated plywood and cut the sheet according to the above specifications for the front wall assembly.

Step 8- Prepping Sheathing for the Front and Right Wall Assemblies continued.



Take the other sheet of your ⅜” Treated plywood and cut the sheet according to the above specifications for the right side wall assembly.

Step 9-Install Sheathing on Front Wall Assembly and Install Front Wall

Lay Sheathing for the front wall assembly on top on top of the assembly and line up the top corners and sides. Install on the wall assembly using 2” screws.

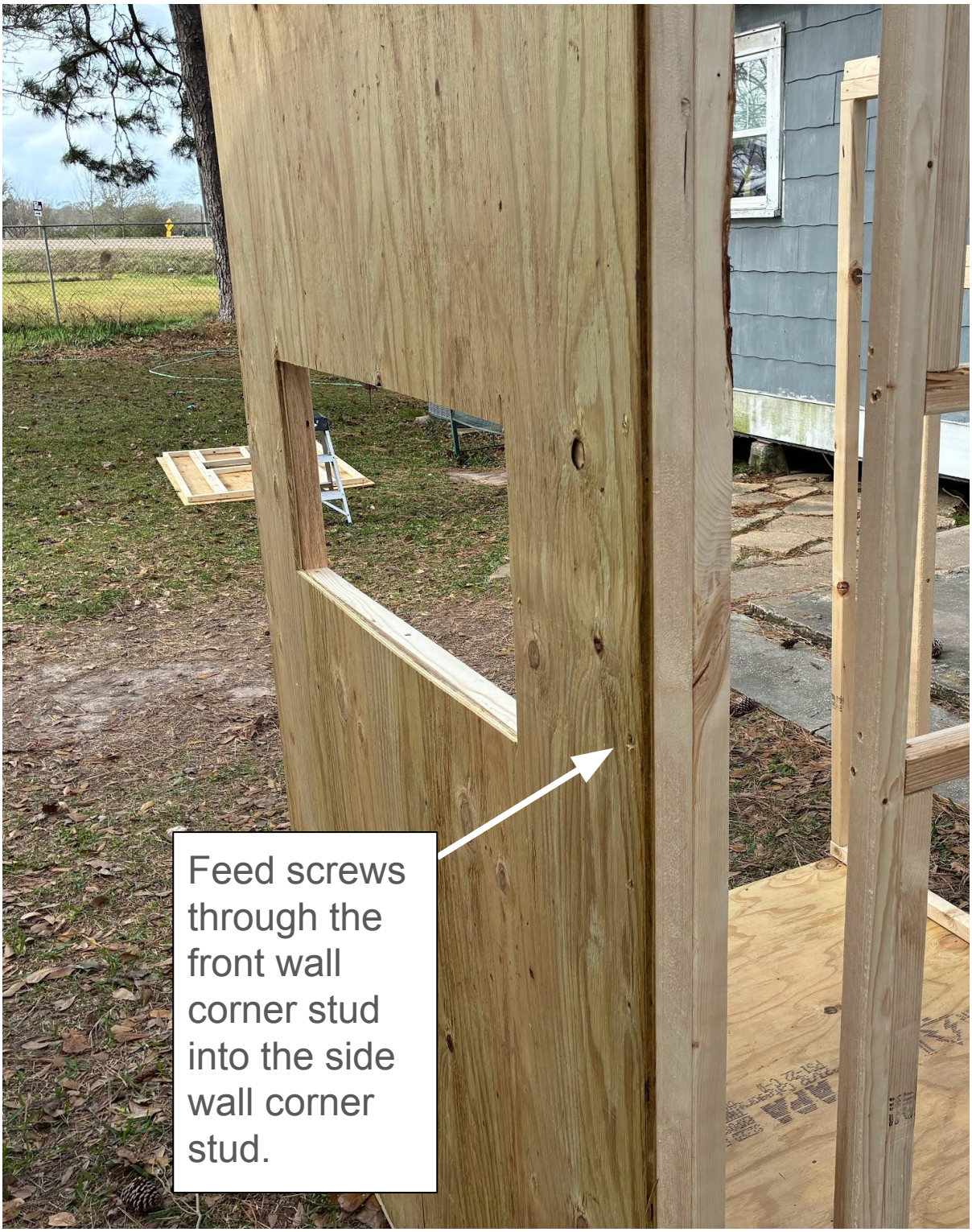
Step 9-Continued

You should have a 3” overhang on the bottom of the wall assembly.

Step 9-Continued

Line up the soleplate of the front wall assembly on the floor assembly and secure the soleplate to the floor using at least 5-3” screws evenly spaced.

Step 9- Continued

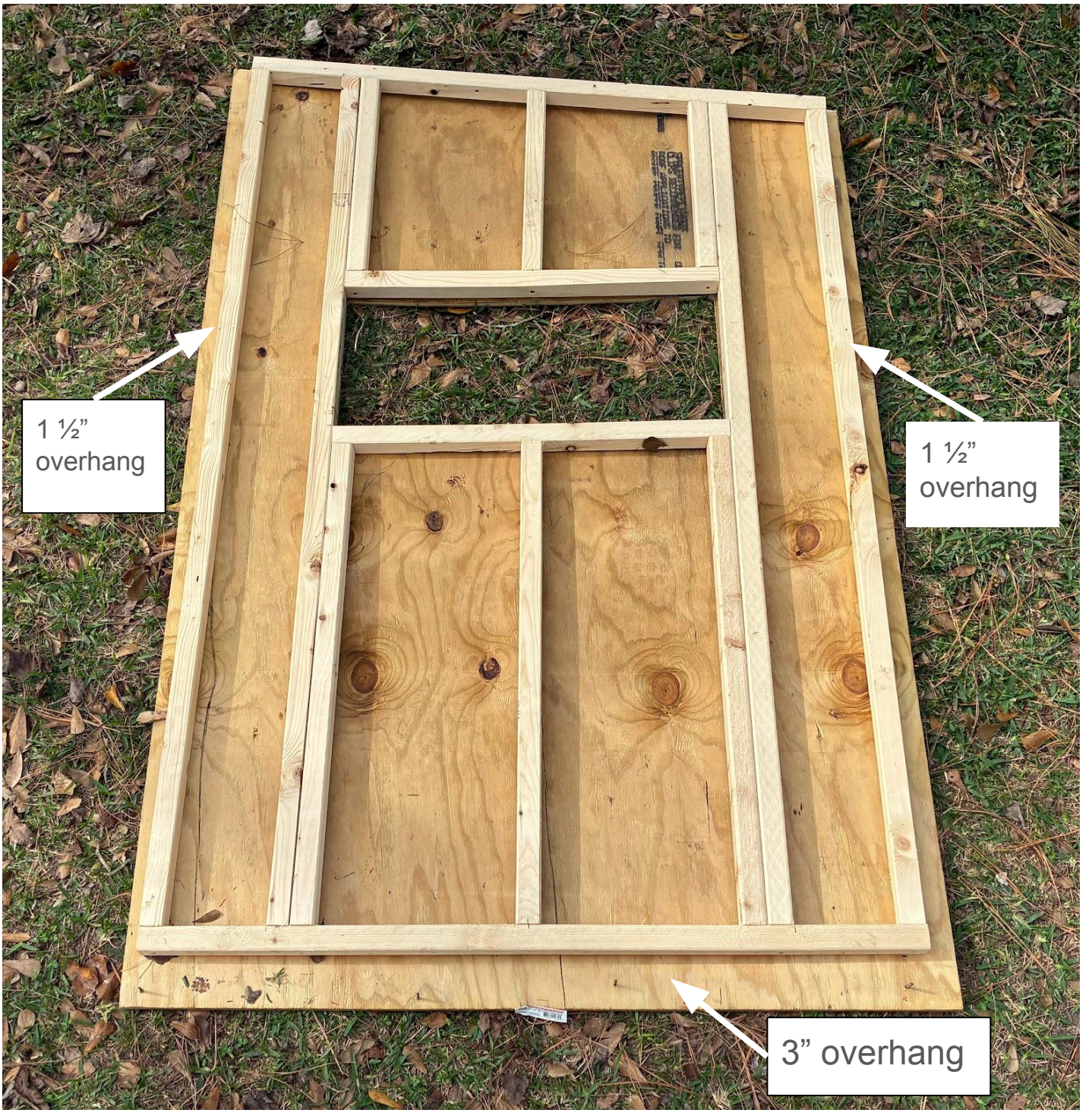


Using at least 5-3” screws attach the corners of the front and side wall assemblies from the outside of the plywood. Space screws evenly.

Step 10-Install Sheathing on Right Side Wall Assembly and Install the Right Side Wall

A line the sheathing for the right wall assembly by lining up window with the window from and with the top plate. Attach sheathing using 2” screws.

Step 10-Continued



You should have a 3” overhang on the bottom of the wall assembly and a 1 ½” overhang on each side of the assembly.

Step 11-Install the Sheathed Side Wall Assembly.

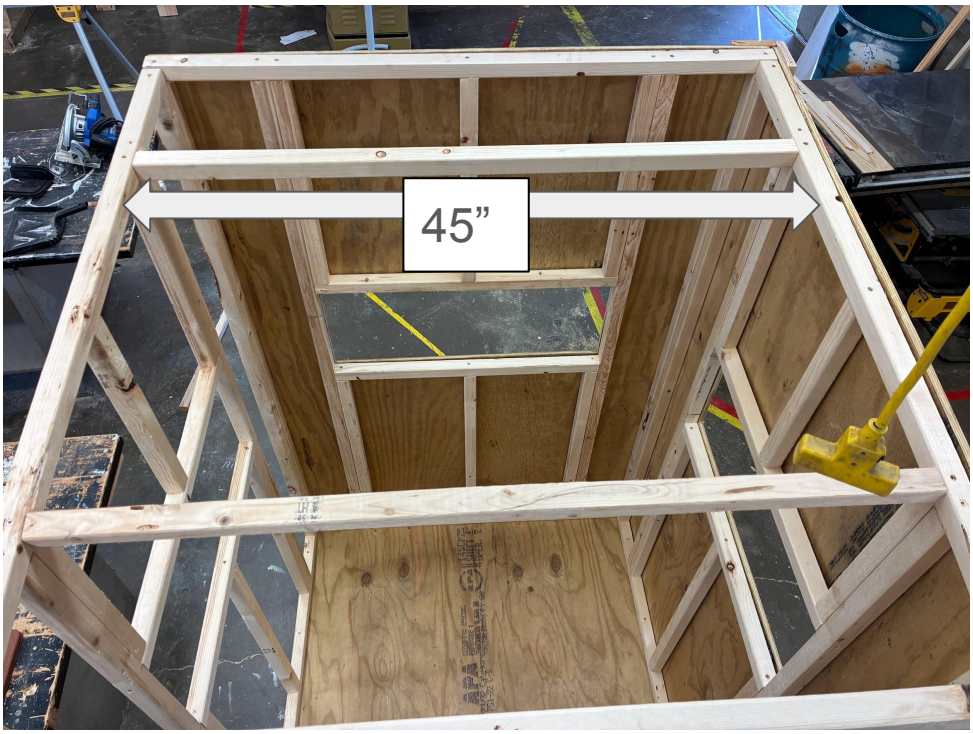
Attach screws through the front of the front wall. Do the same on the back wall.

Attach wall to the floor assembly using no less than 5-3” screws spaced evenly. Attach the corner of the side wall to the back wall and front wall by using no less than 5-2 ½’” screws driven from the front a back wall side spaced evenly.

Step 11-Continued

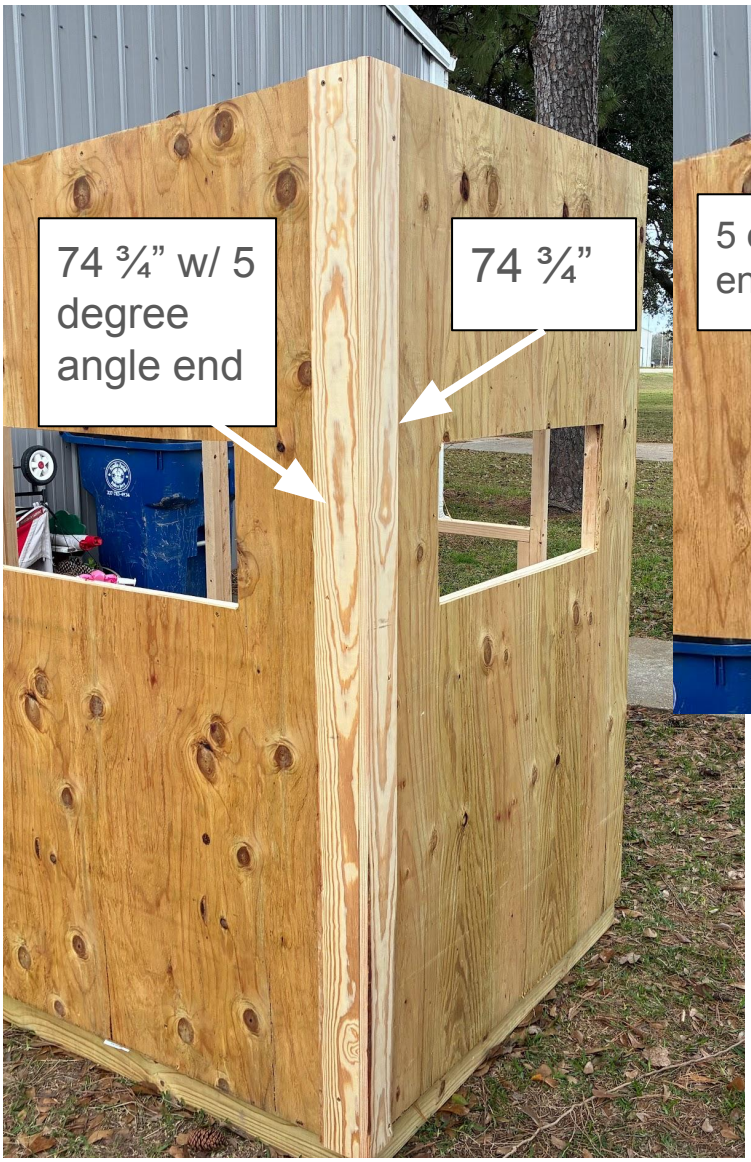
View of project once all walls are installed.

Step 12-Corner Trim Boards and Roof Braces.



Cut 2-45” roof braces from your 2x2s and attach them using 3” screws above the first and third crippler studs as shown in the diagram.

Step 12- Continued



Cut 1- 74 ¾” piece from your treated 1x4s that has a square cut on both ends.

Cut 1-74 ¾” piece from your treated 1x4s that has a square end and a 5 degree angled end.

Install on the corner shared by the sheathed sides with the double square end piece overlapping the board with the 5 degree end. Install using 2 ½” screws.

Step 13- Final Product

View of Final Product.