

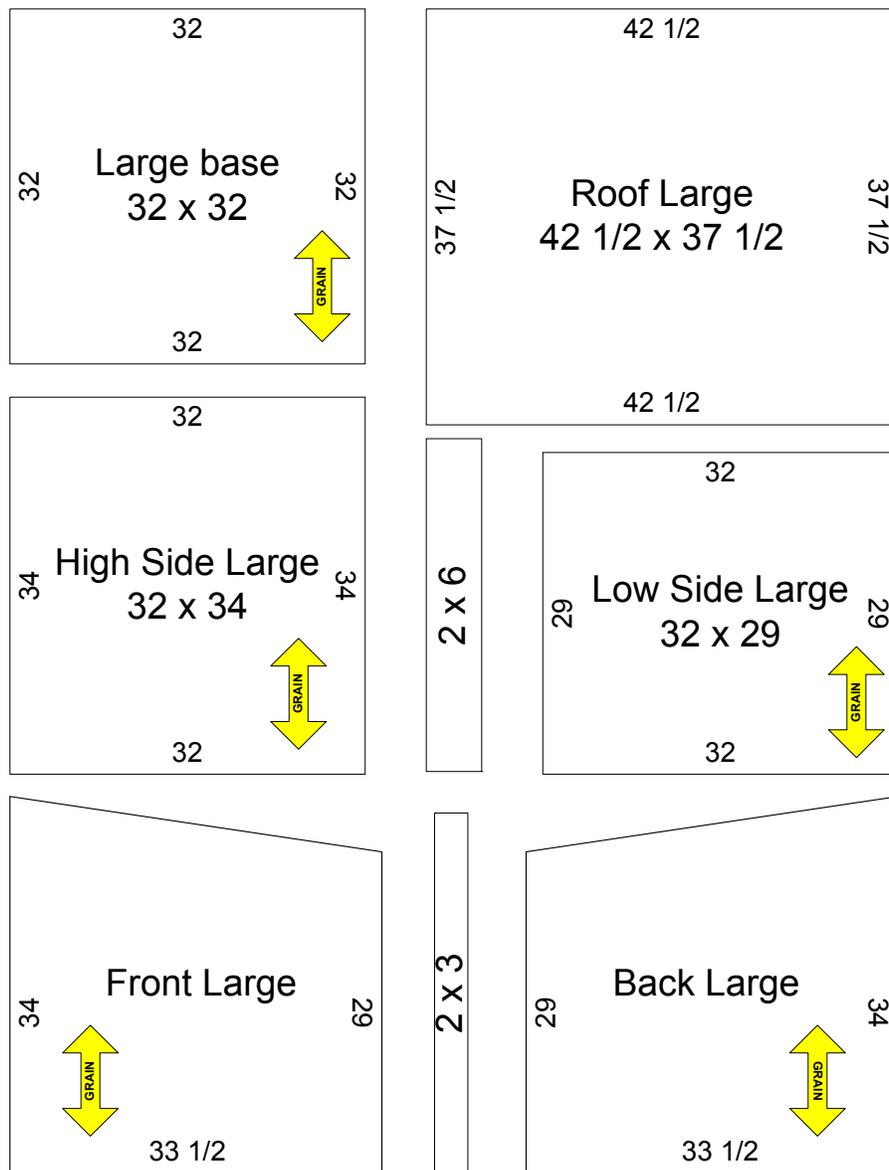
Troop 1028 HOWS Doghouse Instructions 2013: LARGE DOGHOUSE

1. Read the safety rules

Before you begin, read the handout “Know How to Use Your Tools” and make sure you know the rules for using each tool and the required personal safety gear for each tool. **Scouts may NOT use the power saws** (only older Scouts may use the jigsaw for cutting out the door).

2. Lay out your parts

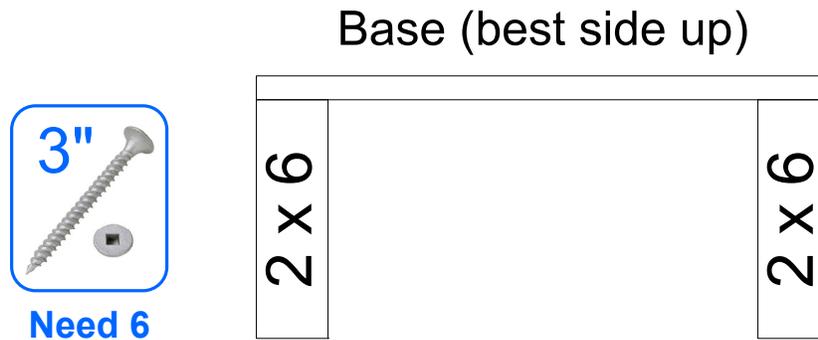
The first step is to layout your parts to make sure you know where everything goes. Here are the parts you should have for a Large sized doghouse (there will be multiple 2x6 and 2x3 parts):



Large Doghouse Parts

6. Assemble the base

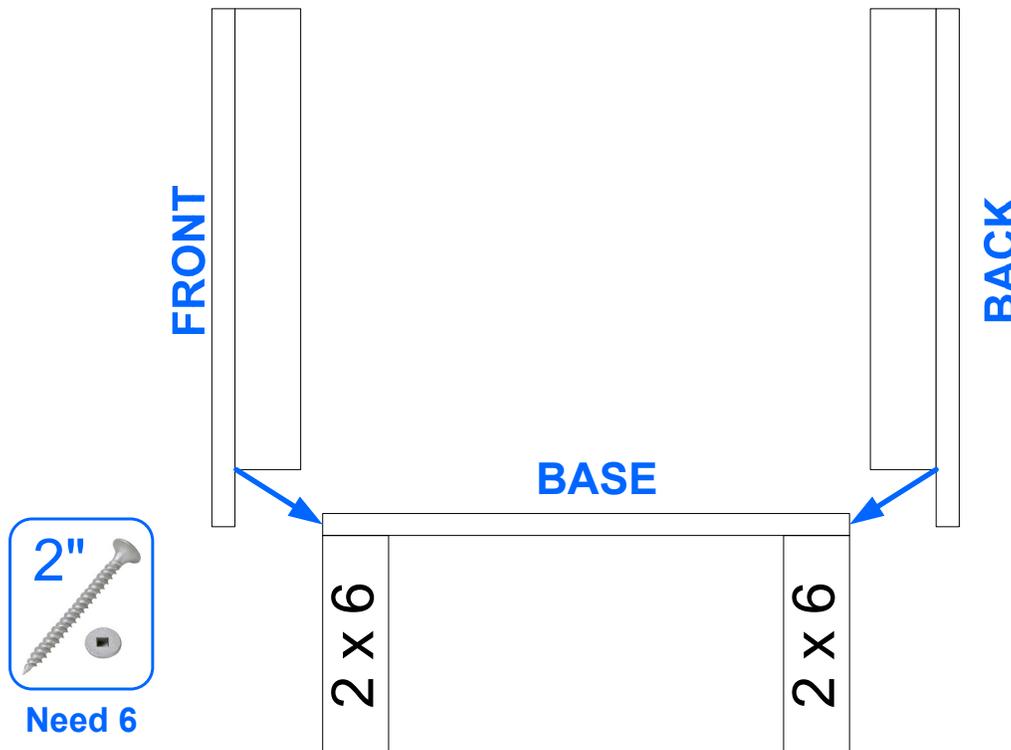
Next place two 2x6 runners under opposite edges of the square base as shown, mark the correct length, and have them cut. Be sure the best side of the base is facing upwards. Attach with three 3" screws (evenly spaced) into each runner.



Assembling the Base

7. Attach the front and back to the base

Position the front of the doghouse onto the base as shown, resting it on the bottom of the corner braces installed earlier. Attach to the base using three 2" screws (evenly spaced). Repeat this step to attach the back of the doghouse.

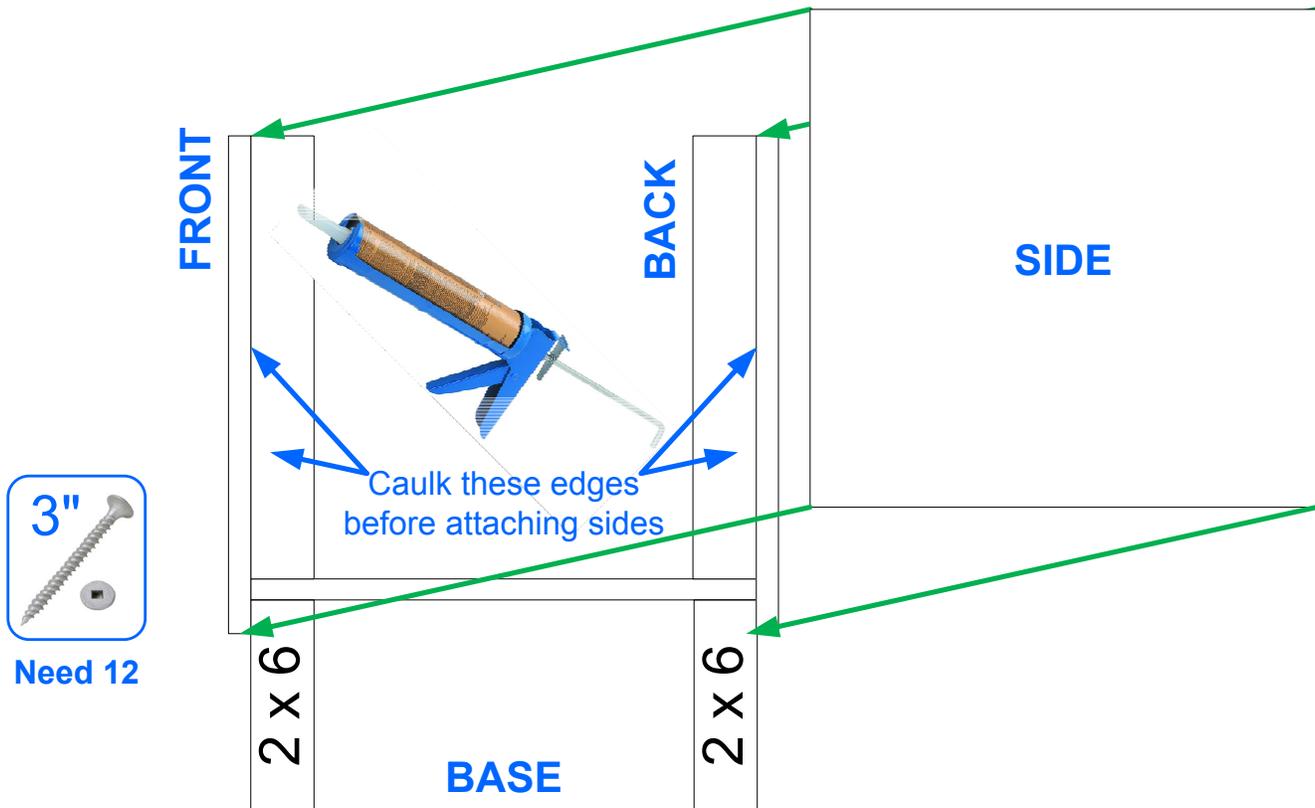


Attaching the Front and Back

8. Attach the sides

We will now attach the high side and low side parts to the doghouse. **Roll over the doghouse so that the low side is facing up as shown below.** Test fit the low side part - you may need to loosen the front and back screws to get it to fit. After you are sure it will fit, lay it aside and apply caulk to the joints on the front/back and front/back braces. Place the low side in position and align the top with the front and back tops. Attach with three 3" screws (evenly spaced) through the side and into the corner braces. Using a putty knife, neatly scrape off any excess caulk that squeezes out.

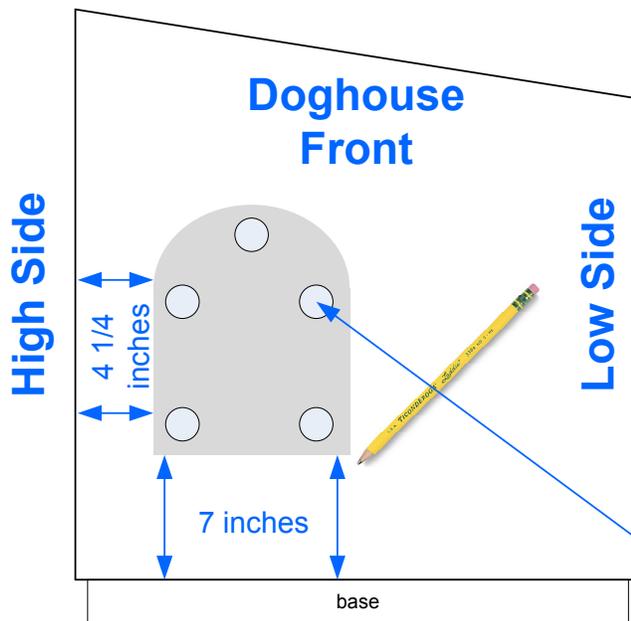
Repeat this process to install the high side.



Attaching the Sides

9. Cut the door opening

Lay the doghouse down with the front facing upwards. Find the door template for the Large house and place it on the front as shown. Trace around with a pencil and then use a drill and a jigsaw to carefully cut the opening per the directions below. When you get near the end of the cutting, have someone carefully support the door with their hands (or better yet a piece of scrap wood) far from the blade to keep it from falling and splintering.



Cutting the Door Opening

- Place template as shown, measure two points on side and bottom to get it straight, and trace outline
- Drill five 1/2" holes as shown inside door tracing, about an inch from the line
- Insert jigsaw blade in any hole and then cut to each of the holes to remove most of the door material
- Cut neatly along lines to clean up the final door opening

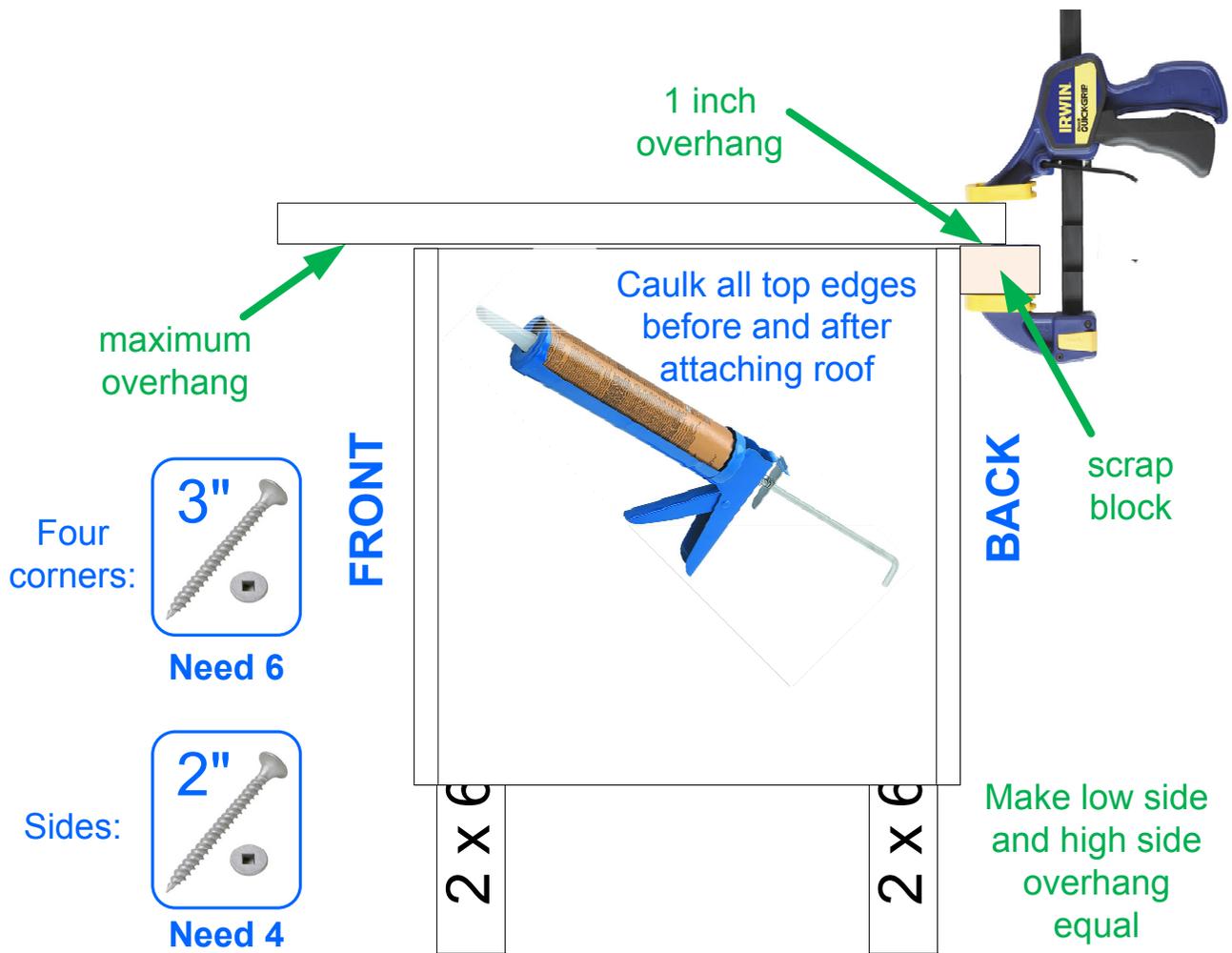
Cutting the Door Opening

10. Attach the roof

Lay the roof on top of the doghouse and make sure the size looks OK (have it trimmed with a power saw if needed). Using a ruler, position the roof to get a 1 inch overhang in the back and then clamp three scrap blocks as shown to allow easy repositioning of the roof. Make sure that the high side and low side overhangs are equal. Remove the roof and apply caulk all along the top edges. Replace the roof using the back clamp blocks as a guide to get it in the right place.

Attach with four 3" screws through the roof and into each corner brace (four 3" screws total). Then add one 2" screw in the center of each side for additional strength (four 2" screws total).

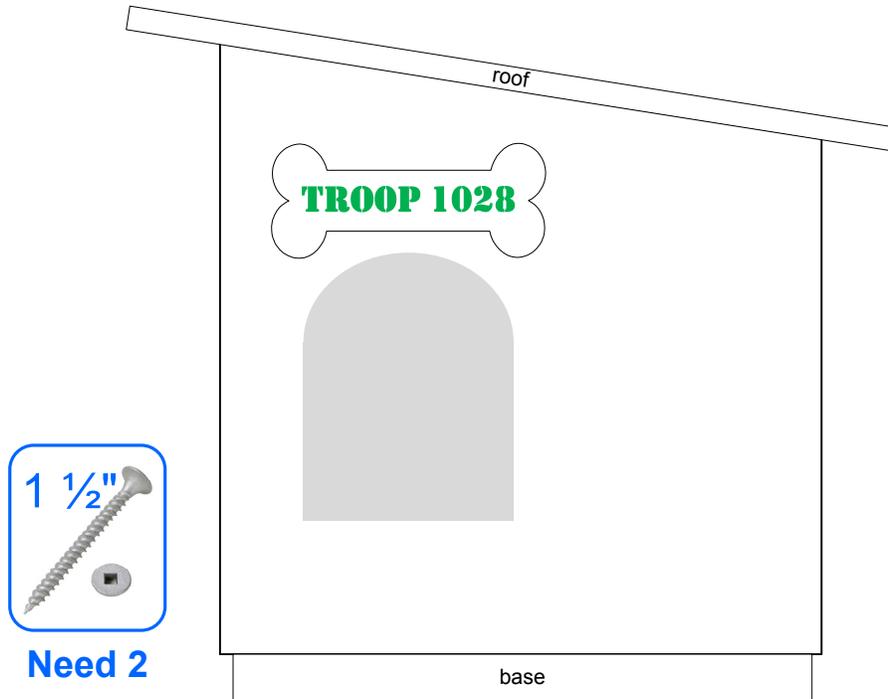
Using a putty knife, neatly scrape off any excess caulk that squeezes out. After the roof is in place, apply a bead of caulk all along the bottom/side joints and smooth with your finger.



Attaching the roof

11. Attach the Troop 1028 bone

Using two 1 1/2" screws, attach the Troop 1028 dog bone centered over the doghouse door.



Attaching the Troop 1028 Bone

12. Apply waterproofing sealant to outside of entire doghouse

After the caulk has dried completely, apply waterproofing sealant to the outside of the entire doghouse.