

Outside Cat Shelter Made with Repurposed Political Signs

Materials

13 feet of 2"x 2" wood

18" x 24" Political Signs (Fluted Polypropylene Recommended) – 24 required for one shelter (4 sandwiched together to make each side, floor, and roof)

1- $\frac{1}{4}$ " wood screws – 44 required per shelter

2- $\frac{1}{4}$ " wood screws – 8 required per shelter

Approximately $\frac{1}{3}$ tube of silicone (10 oz tube)

Step 1 – Make Components of Shelter Frame

- Rip/Cut 2"x4"x8' wood to create two 2"x2"x8' sections of wood, or purchase two 2"x2"x8' sections of wood. 2"x2" dimensions do not need to be exact.
- Use one 2"x2" stick to create four 22- $\frac{3}{4}$ " pieces.
- Use one 2"x2" stick to create four 13- $\frac{3}{4}$ " pieces.

Step 2 – Build Shelter Frames

- With uncut face, face down, lay uncut edge of each piece to form top frame per figure 1 below:

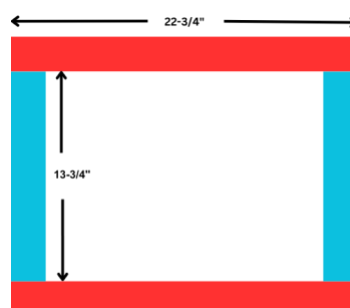


Figure 1

b. Using 2- $\frac{1}{4}$ " wood screws, attach pieces as shown below in figure 2.

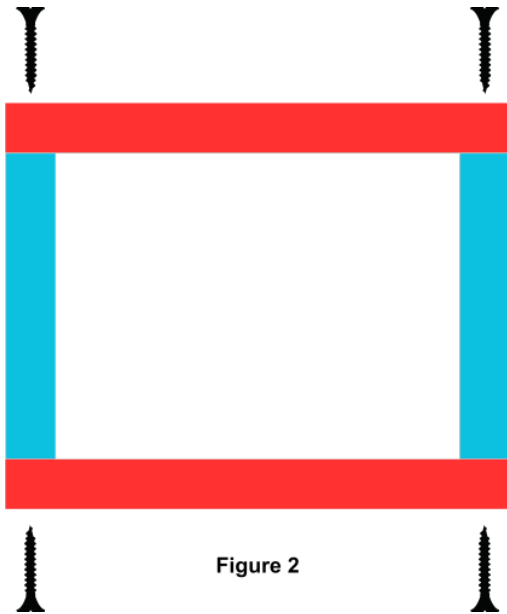


Figure 2



Step 3 – Make Side Components

- Divide signs into six groups of 4 signs each.
- With one group, trim long side and short side of signs by 1- $\frac{3}{8}$ "
- With second group of signs trim long side by 7- $\frac{1}{8}$ "
- With third group of signs trim long side by 7- $\frac{1}{8}$ "
- The fourth, fifth, and sixth sign groups will be used full size (18"x24")

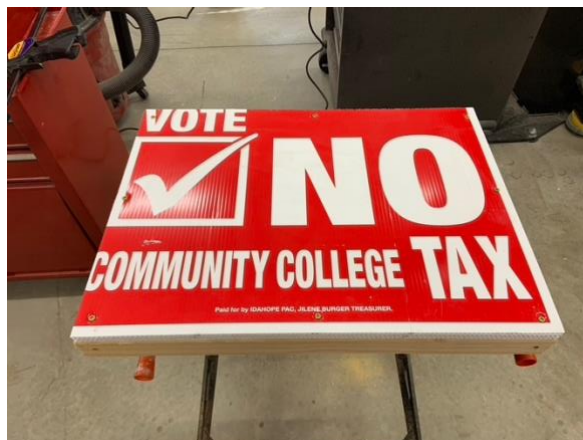
Step 4 – Making entrance/exit hole.

Using one of the groups made in steps 3c or 3d, make shelter entrance/exit hole approximately seven inches in diameter, centered and with the bottom of the hole approximately 9” from the bottom (post cut short edge).



Step 5 – Assembly

- a. Attach group of signs created in step 3b to uncut surface (level/flat side) of bottom frame, using eight 1-1/4” screws.



- b. Attach long side of sign group four or five to long side of bottom frame with equal lengths of the sign group extending beyond each edge of the frame edge. Use four 1-1/4" screws.



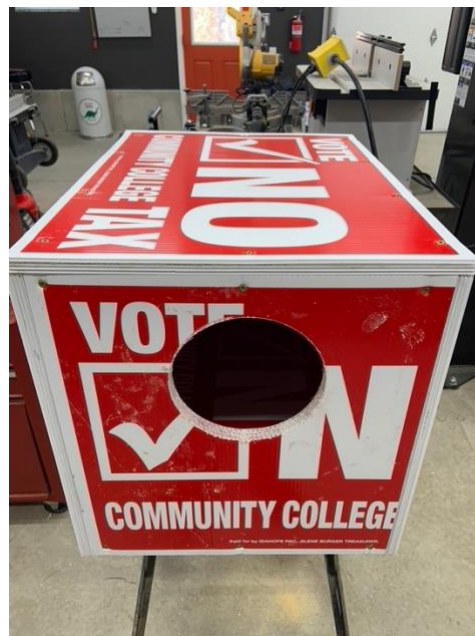
- c. Flip over and repeat step 5b for the second sign group. Attach long side of sign group four or five to long side of bottom frame with equal lengths of the sign group extending beyond each edge of the frame edge. Use four 1-1/4" screws.
- d. Place top frame, with uncut/level/flat side pointed up and attach the top frame. Ensure equal lengths of the sign group extending beyond each edge of the frame edge. Use four 1-1/4" screws.



- e. Flip over and repeat step 5d for opposite side of shelter, again, ensuring equal lengths of the sign group extending beyond each edge of the frame edge.
- f. Attach front and back sides created from 3c and 3d using six 1-1/4" screws for each side.



- g. Attach top by securing full-size group of signs in step 3e using ten 1-1/4" screws.



Step 6 – Silicone

Use silicone to seal inner entrance hole.



Use silicone to seal/fix together interfacing sides.



Step 7 – Straw

Fill shelter with straw once silicone has dried to the touch.