

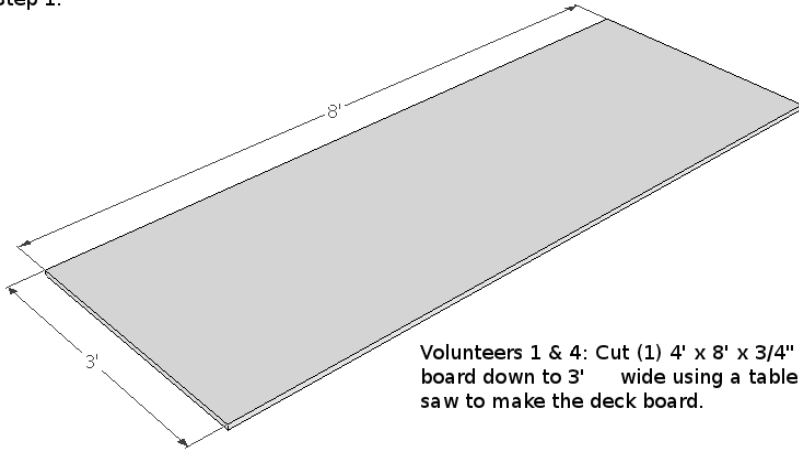
Volunteers (4):

- Volunteer 1: Adult with expertise in woodworking
- Volunteer 2: Adult with experience in woodworking
- Volunteer 3: Youth with experience in construction
- Volunteer 4: Youth with experience in construction & painting

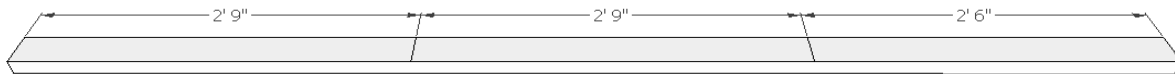
Note: When rounding with a router, using the quarter rounding setting.

Denver attachment:

Step 1:



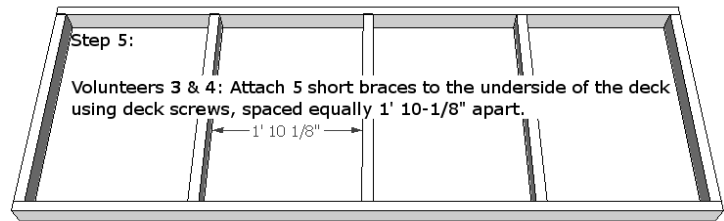
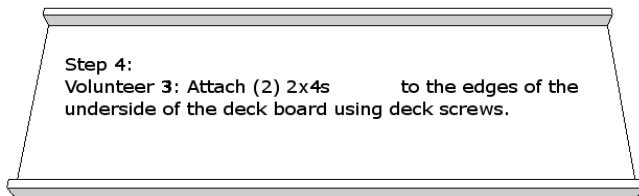
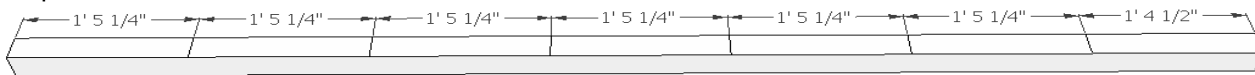
Step 2:



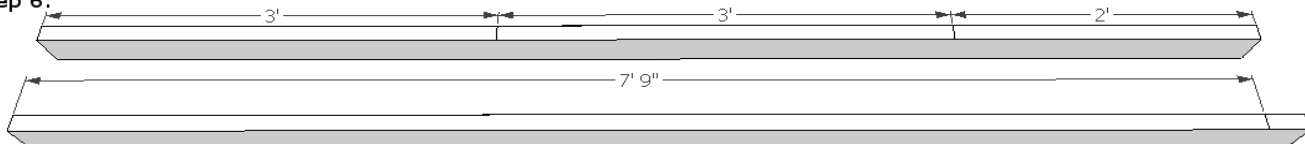
Step 2 (continued):



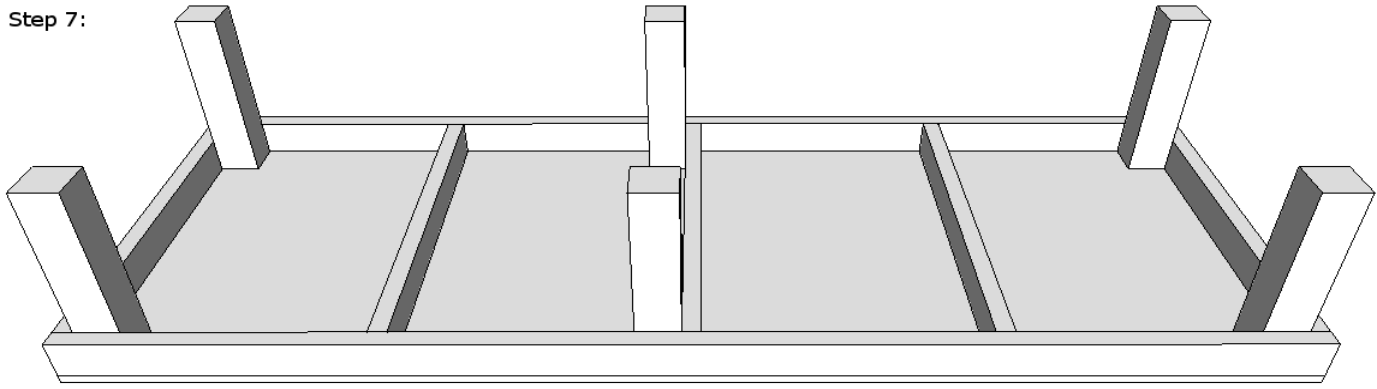
Step 3:



Step 6:

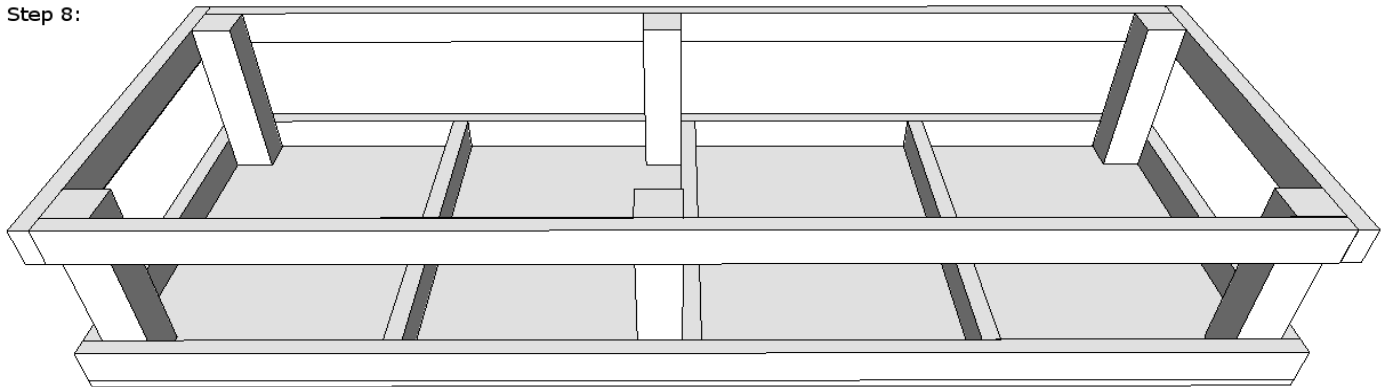


Step 7:



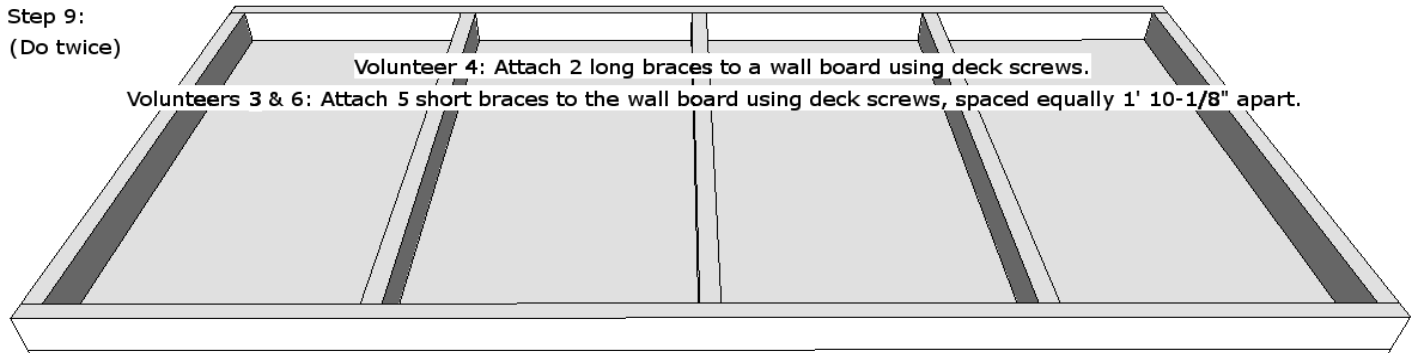
Volunteer 3: Attach the deck supports to the braces on the underside of the deck, using 2 lag bolts per support.

Step 8:



Volunteer 3: Attach base long braces and base short braces to the base of the deck supports using deck screws.

Step 9:
(Do twice)

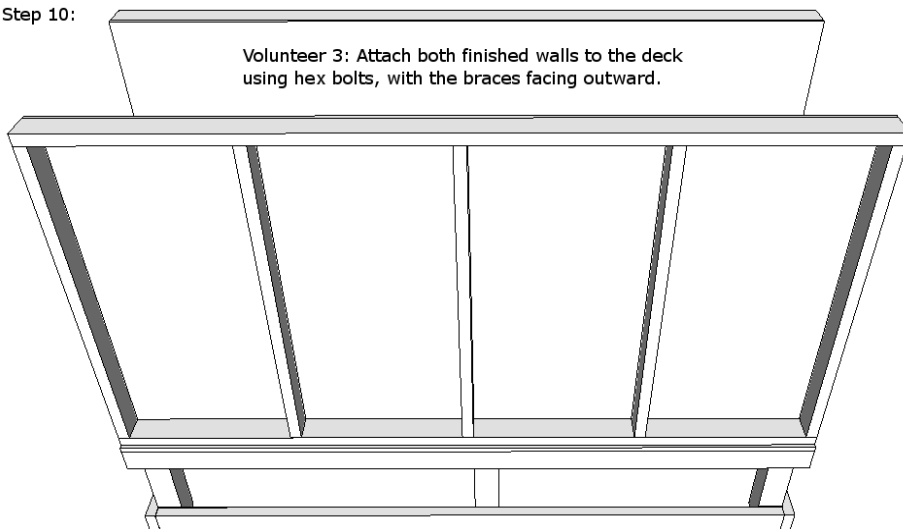


Volunteer 4: Attach 2 long braces to a wall board using deck screws.

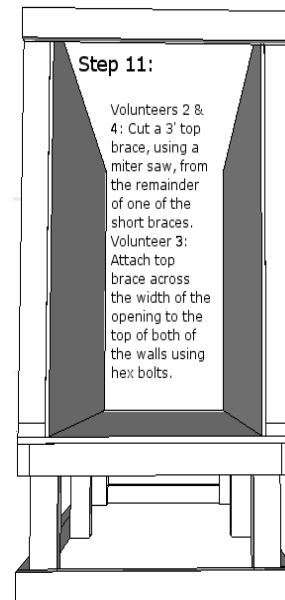
Volunteers 3 & 6: Attach 5 short braces to the wall board using deck screws, spaced equally 1' 10-1/8" apart.

Volunteers 2 & 3: Using a router and a sander, round the outer edges of both walls.

Step 10:



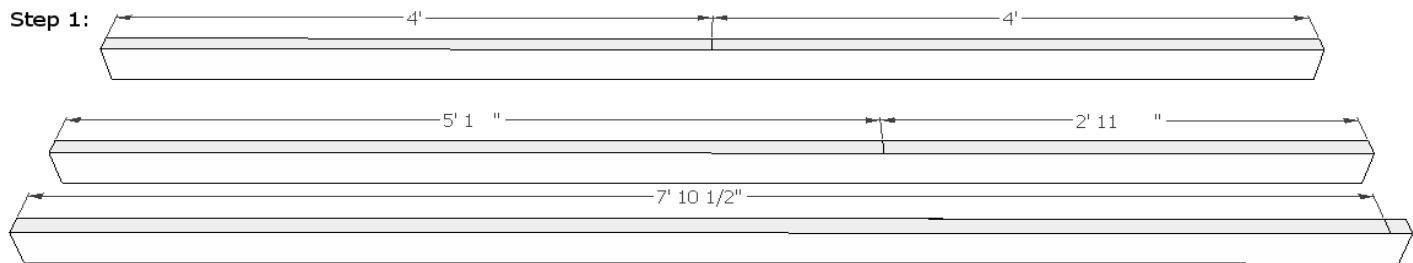
Step 11:



Volunteer 3: Remove the walls from the deck and the top brace from the walls.

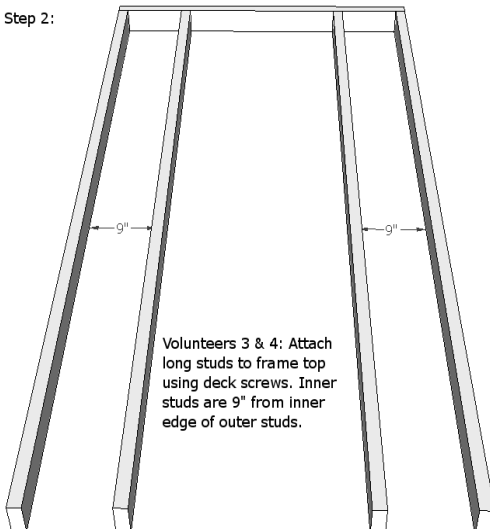
Volunteers 3 & 4: Apply varnish to the inner faces & the outer edges of both walls & to the top & sides of the deck.

Main wall:

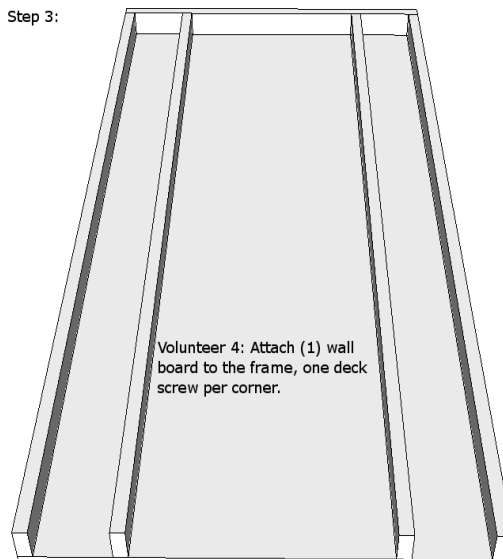


Volunteers 1 & 4: Cut (4) 2x4s to 7' 10-1/2", (1) 2x4 to 5' 1/2", and (1) 2x4 to 4' using a miter saw.

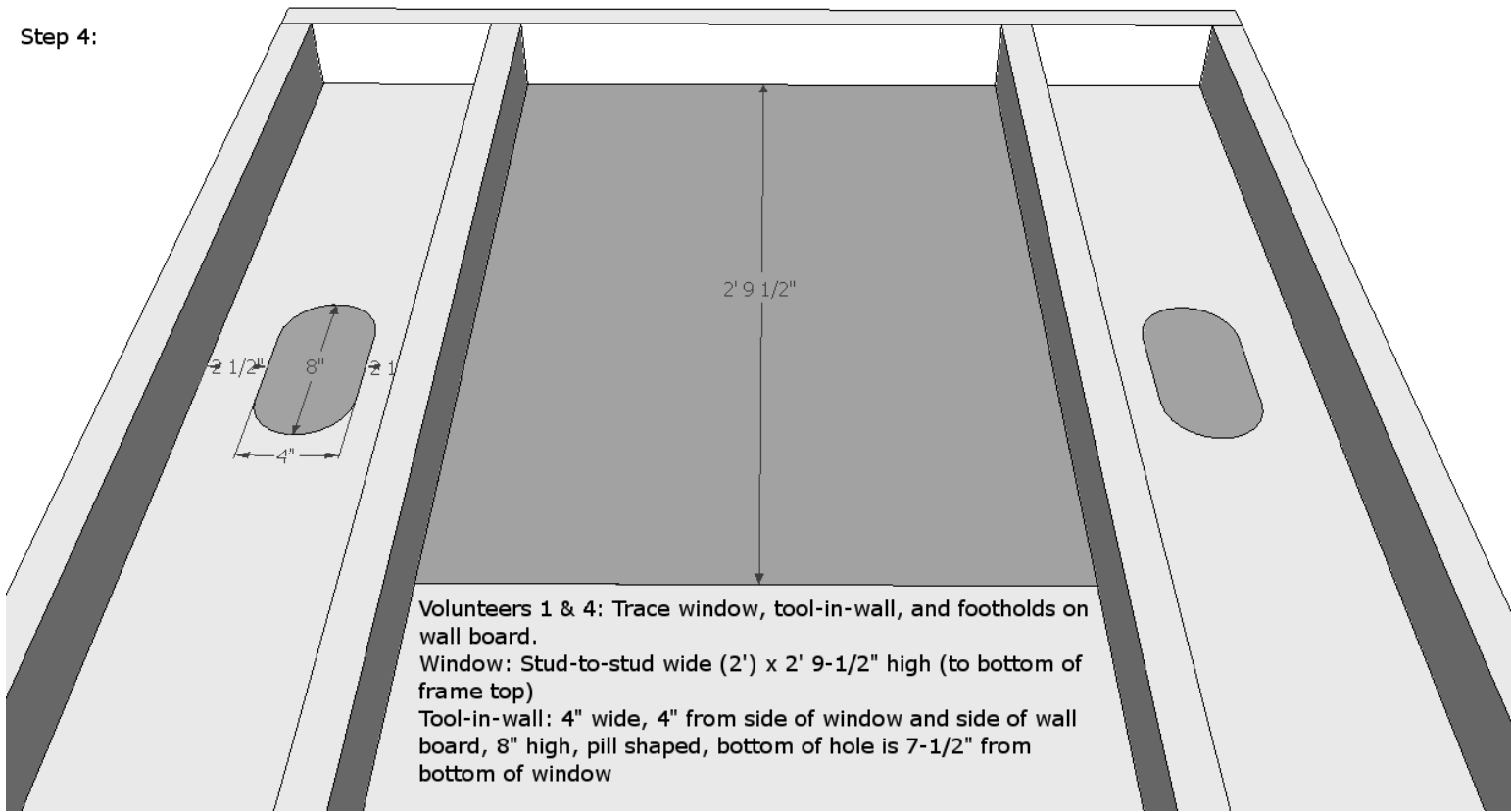
Step 2:



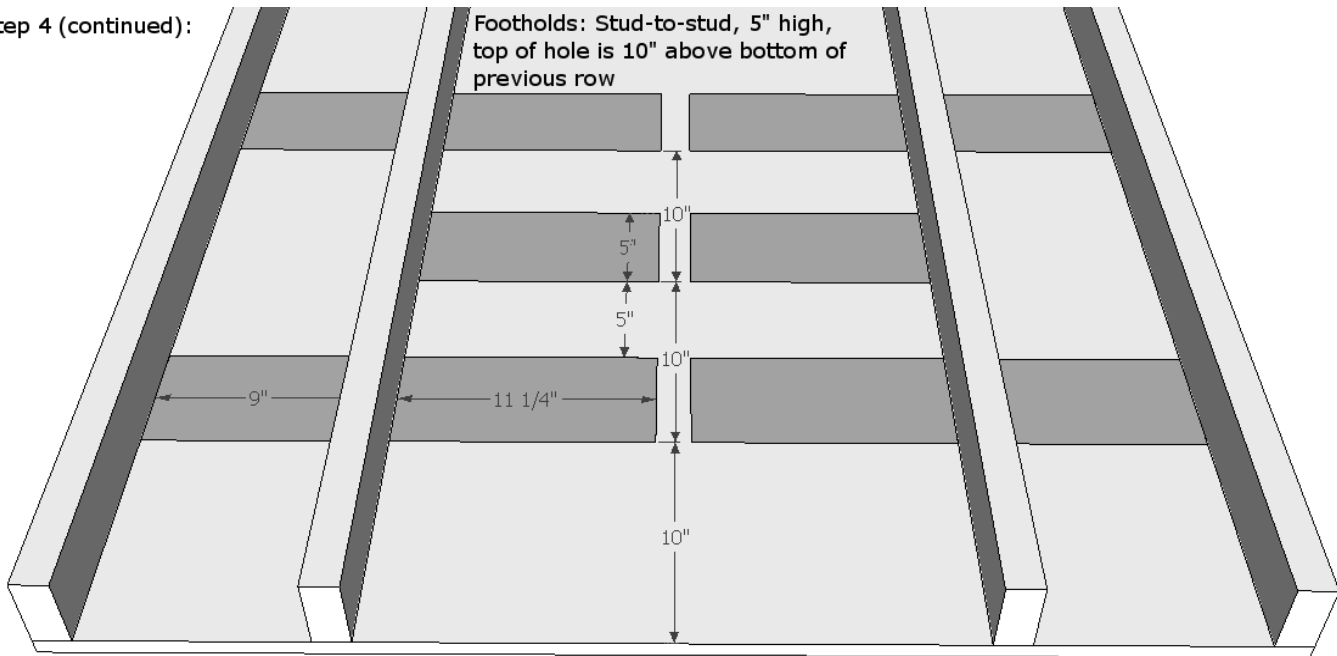
Step 3:



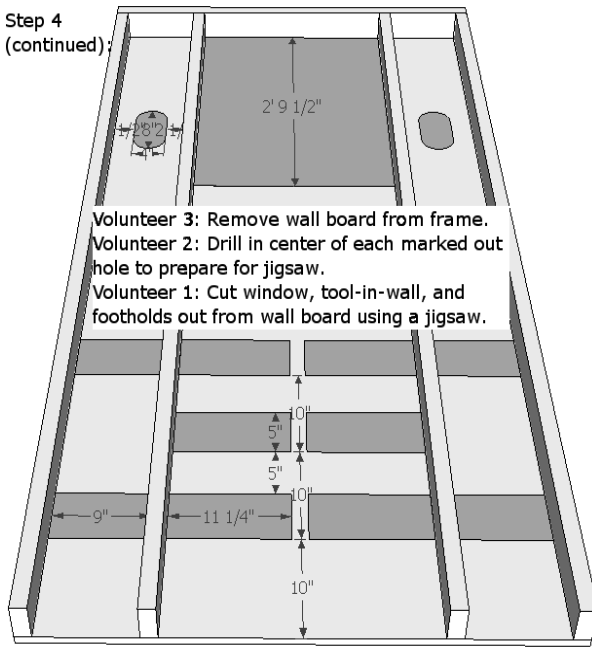
Step 4:



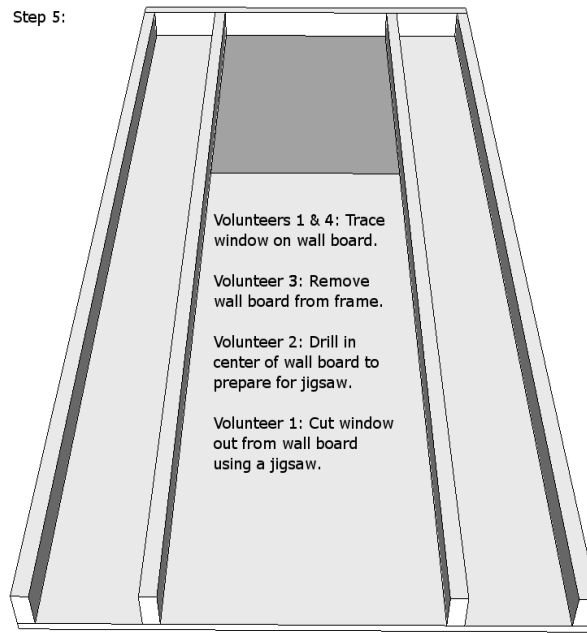
Step 4 (continued):



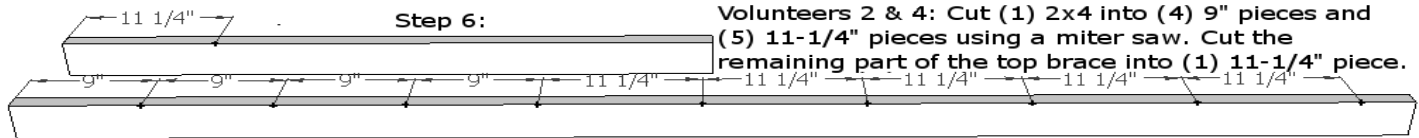
**Step 4
(continued):**



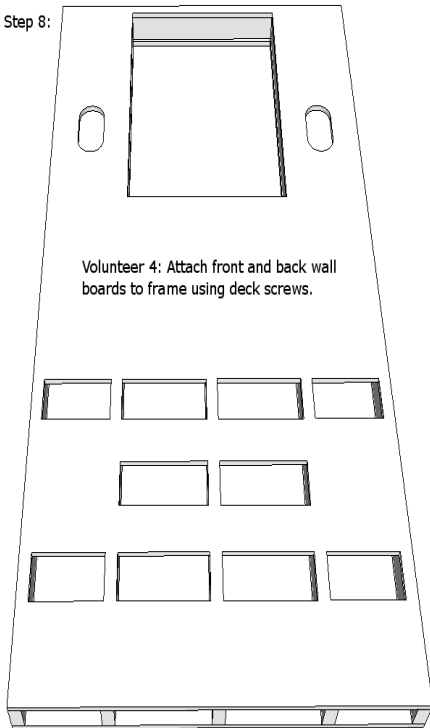
Step 5:



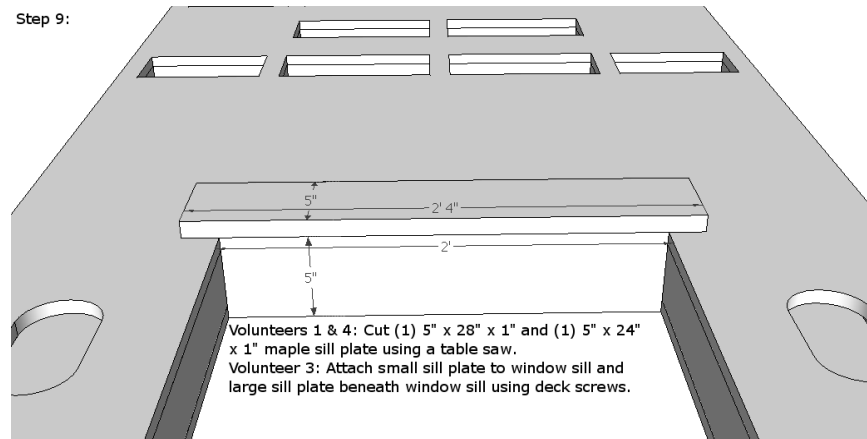
Volunteers 2 & 3: Using a router and a sander, round the edges of each cutout.



Step 8:



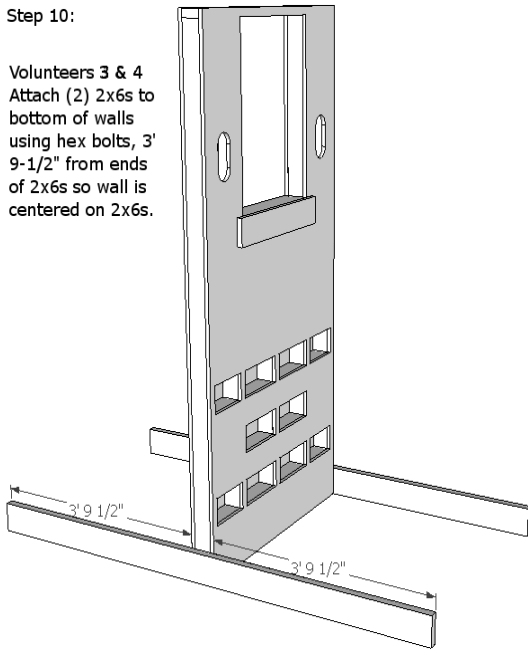
Step 9:



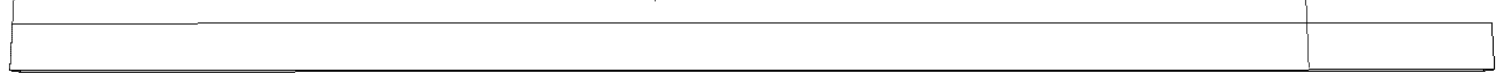
Step 9: **Volunteers 1 & 4:** Cut (1) 5" x 28" x 1" and (1) 5" x 24" x 1" maple sill plates using a table saw. **Volunteer 3:** Attach small sill plate to window sill & large sill plate beneath window sill using deck screws.

Step 10:

Volunteers 3 & 4
Attach (2) 2x6s to
bottom of walls
using hex bolts, 3'
9-1/2" from ends
of 2x6s so wall is
centered on 2x6s.



Step 11: Volunteers 2 & 4: Cut (2) 2x4s to 7' angle braces.

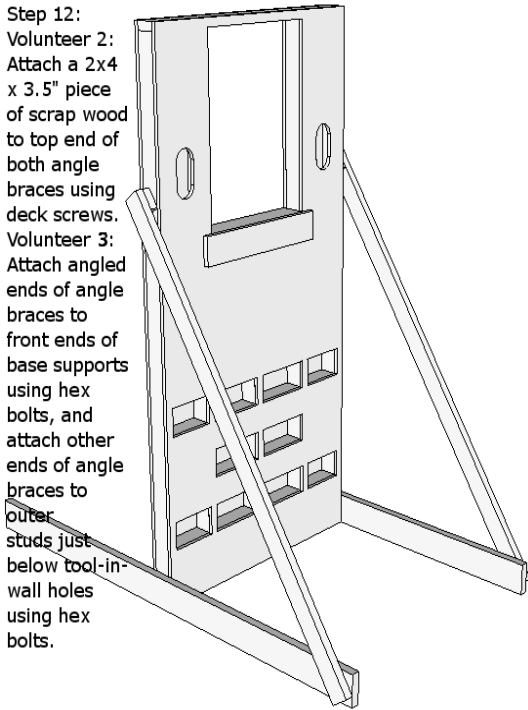


Volunteers 2 & 3: Using a router and a sander, round all remaining edges of the wall, the top edges of the base supports, and the angle braces.

Step 12:

Volunteer 2:
Attach a 2x4
x 3.5" piece
of scrap wood
to top end of
both angle
braces using
deck screws.

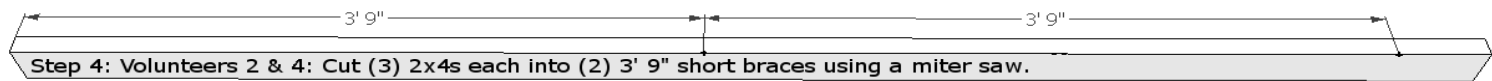
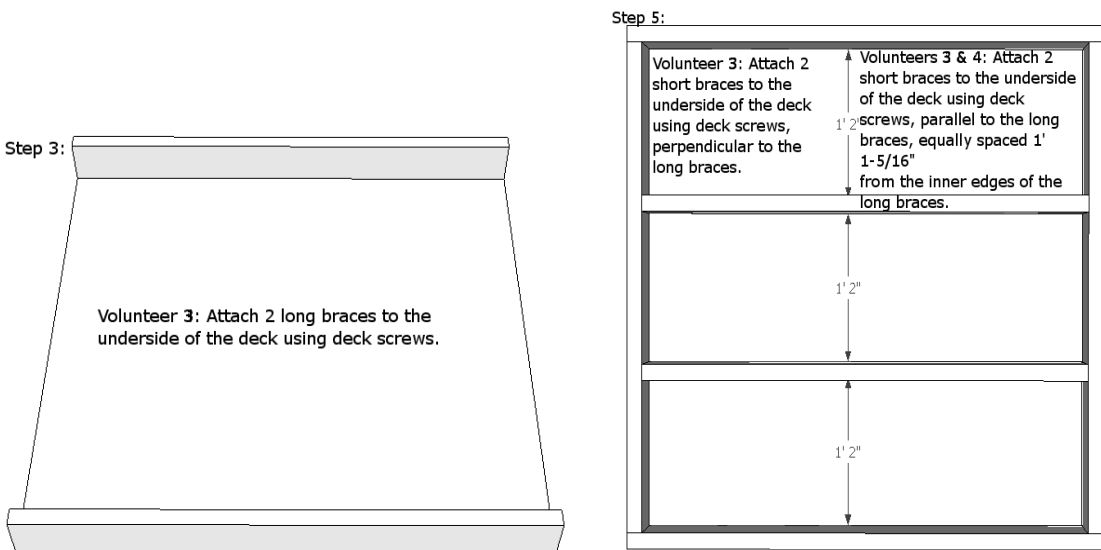
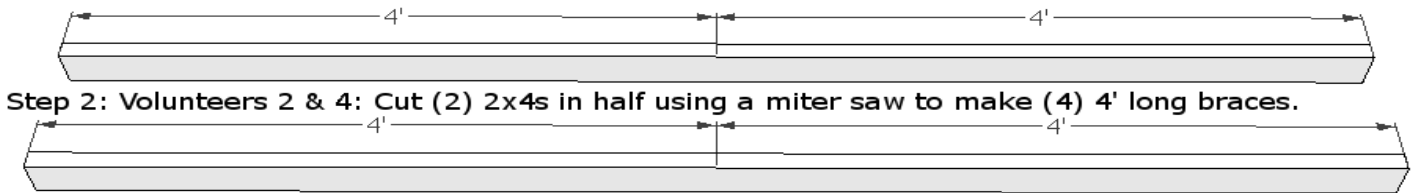
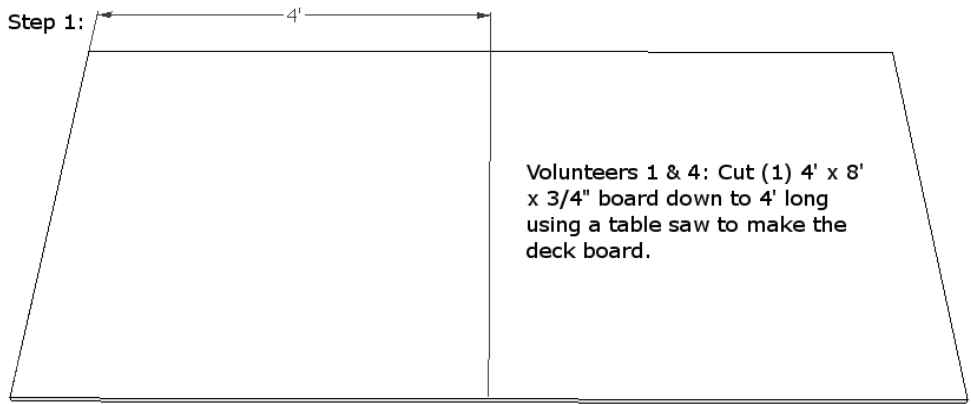
Volunteer 3:
Attach angled
ends of angle
braces to
front ends of
base supports
using hex
bolts, and
attach other
ends of angle
braces to
outer
studs just
below tool-in-
wall holes
using hex
bolts.



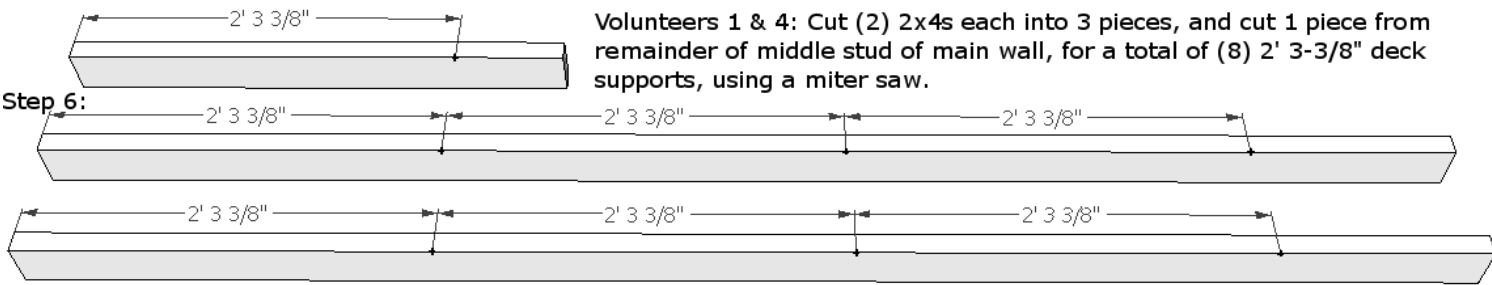
Volunteer 3: Remove all the braces from the wall and from each other.

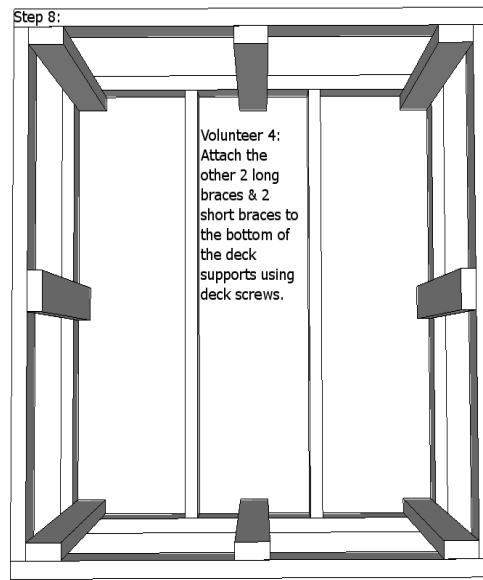
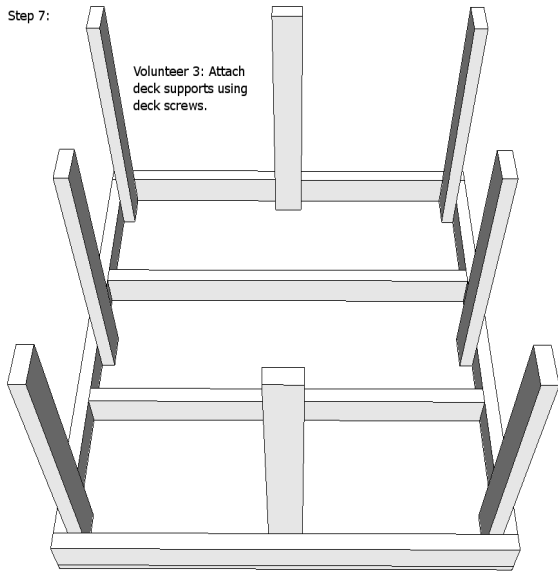
Volunteers 3 & 4: Apply varnish to all surfaces of the wall and to each brace.

Deck:



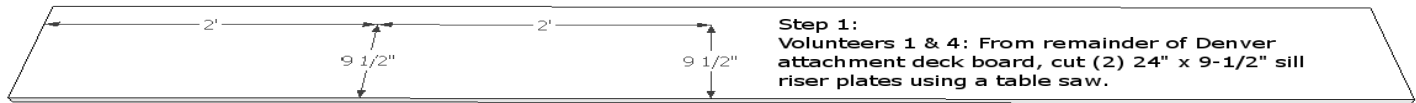
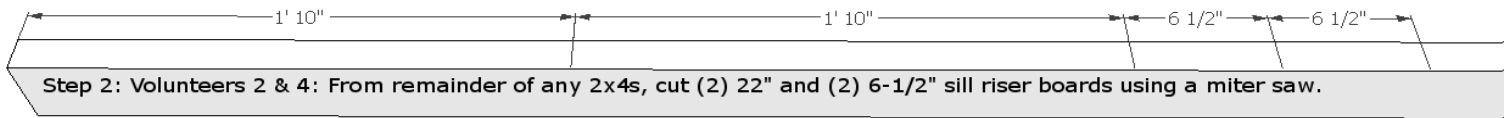
Volunteers 2 & 3: Using a router and a sander, round the top edges of the deck.



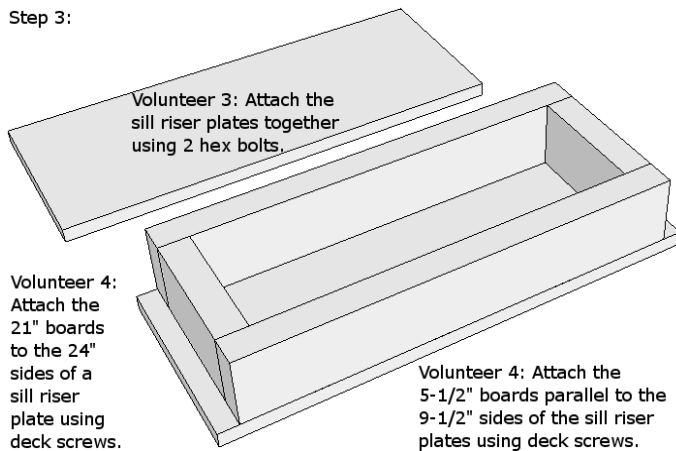


Volunteers 3 & 4: Apply varnish to the top and to the top edges of the deck.

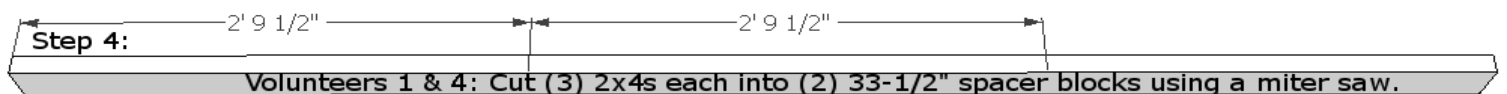
Extras:



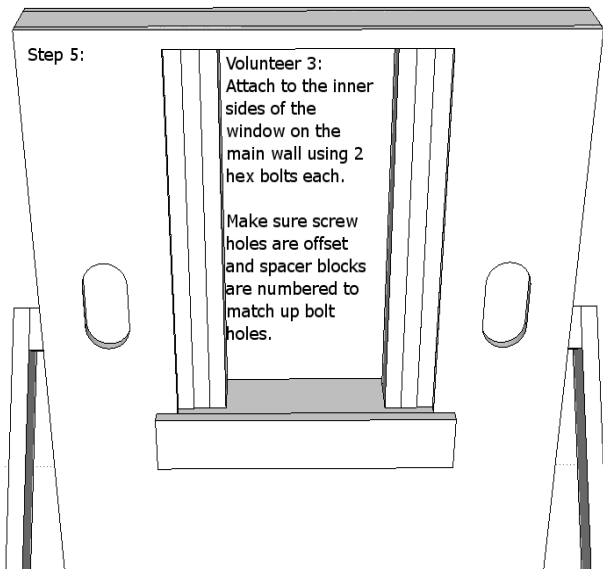
Step 3:



Volunteer 3: Remove the sill riser plates.



Volunteers 2 & 3: Using a router and a sander, round the edges of both sill riser plates.



Volunteer 3: Remove the spacer blocks from the wall.

Volunteers 2 & 3: Using a router and a sander, round the long edges of the spacer blocks.

Volunteers 3 & 4: Apply varnish to each spacer block.