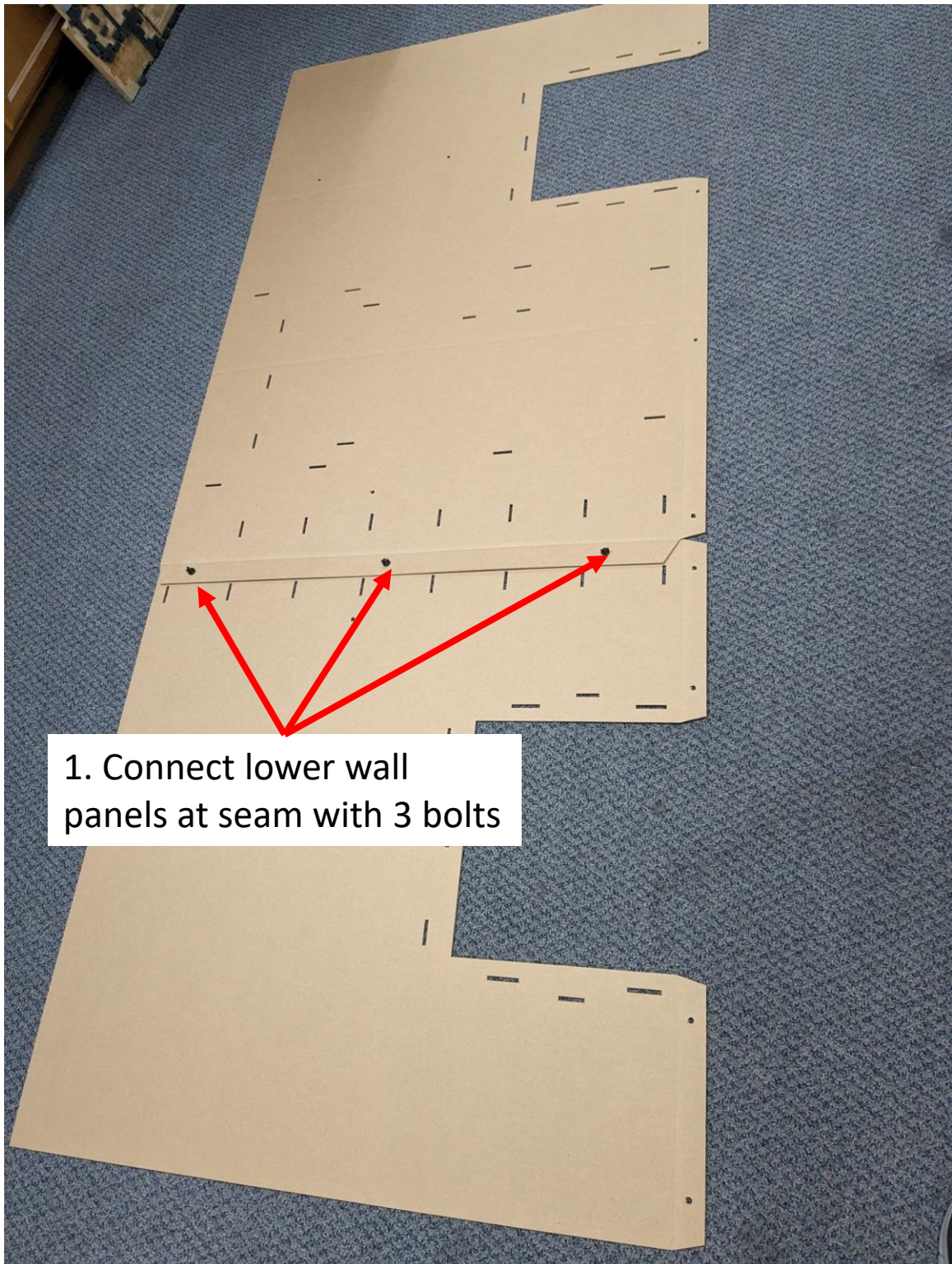
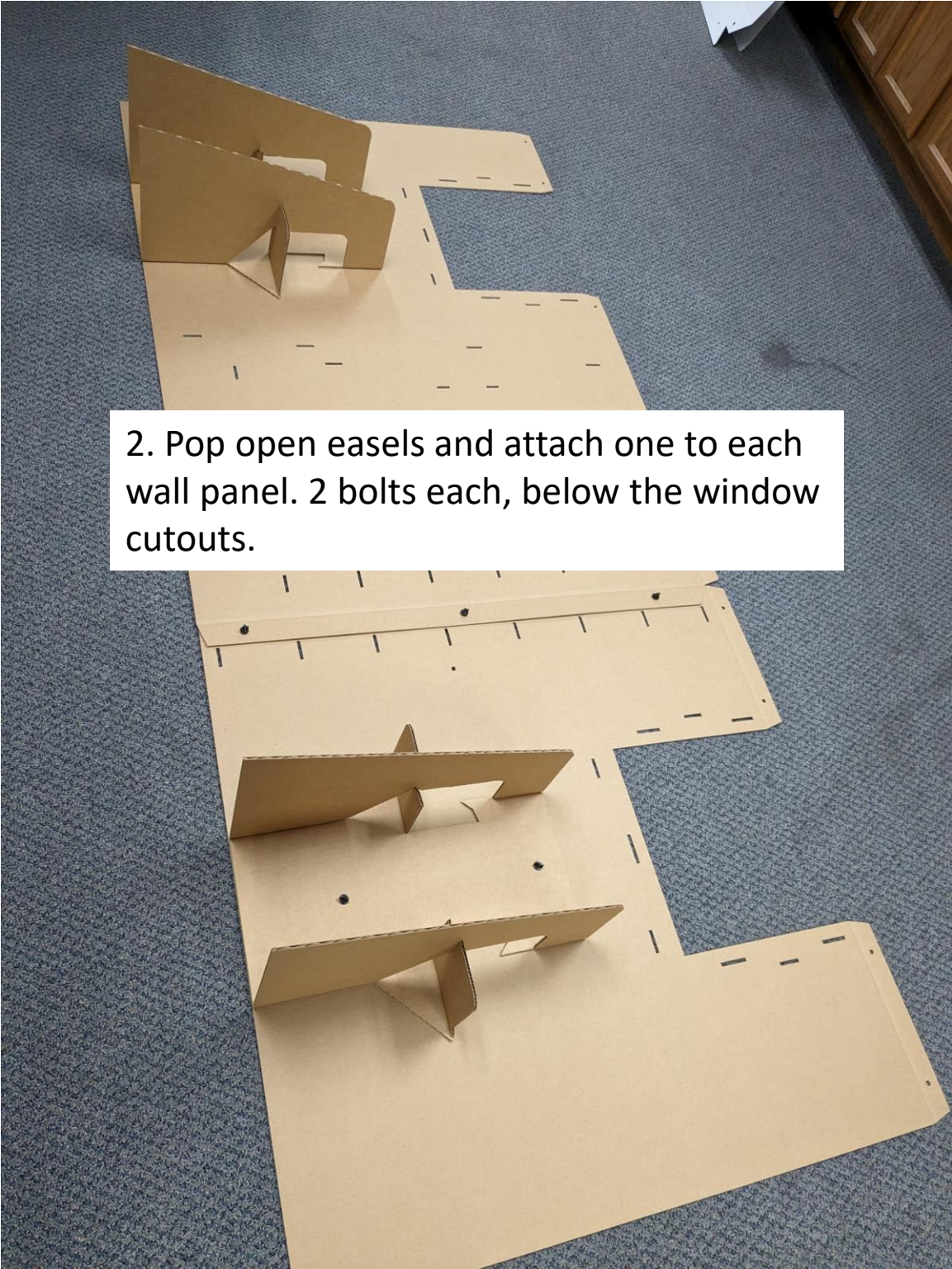


# CABIN PROTOTYPE ASSEMBLY INSTRUCTIONS



1. Connect lower wall panels at seam with 3 bolts

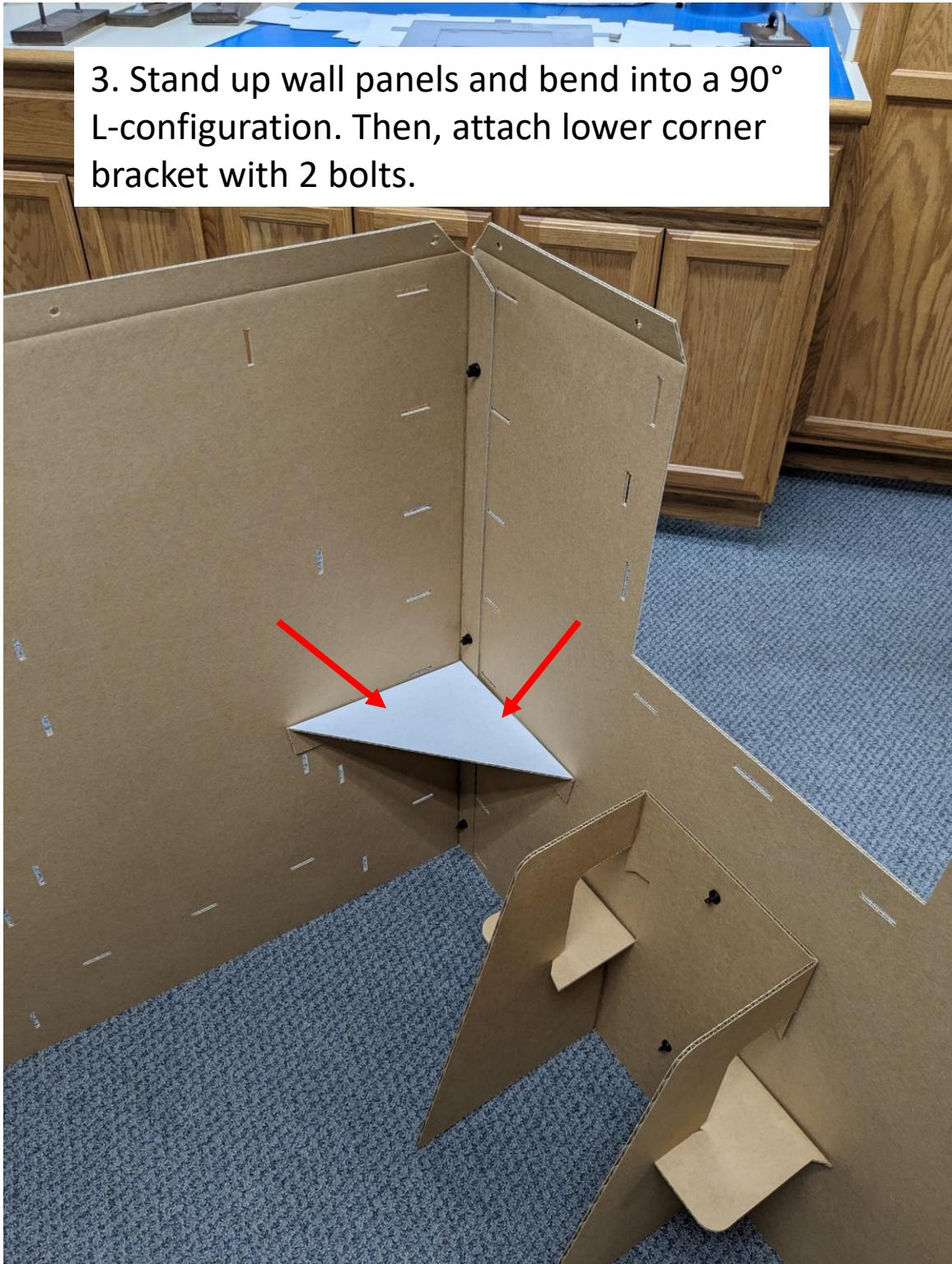


A large, light-brown cardboard wall panel is laid out on a blue carpeted floor. The panel has several pre-cut slots and dashed lines indicating where to attach components. Two cardboard easels, which are Z-folded structures designed to hold a sheet of paper, are shown. One easel is already attached to the top-left corner of the panel. A second easel is shown below it, with its base positioned over two pre-drilled holes on the panel. A text box is overlaid on the image, providing instructions for the next step in the assembly process.

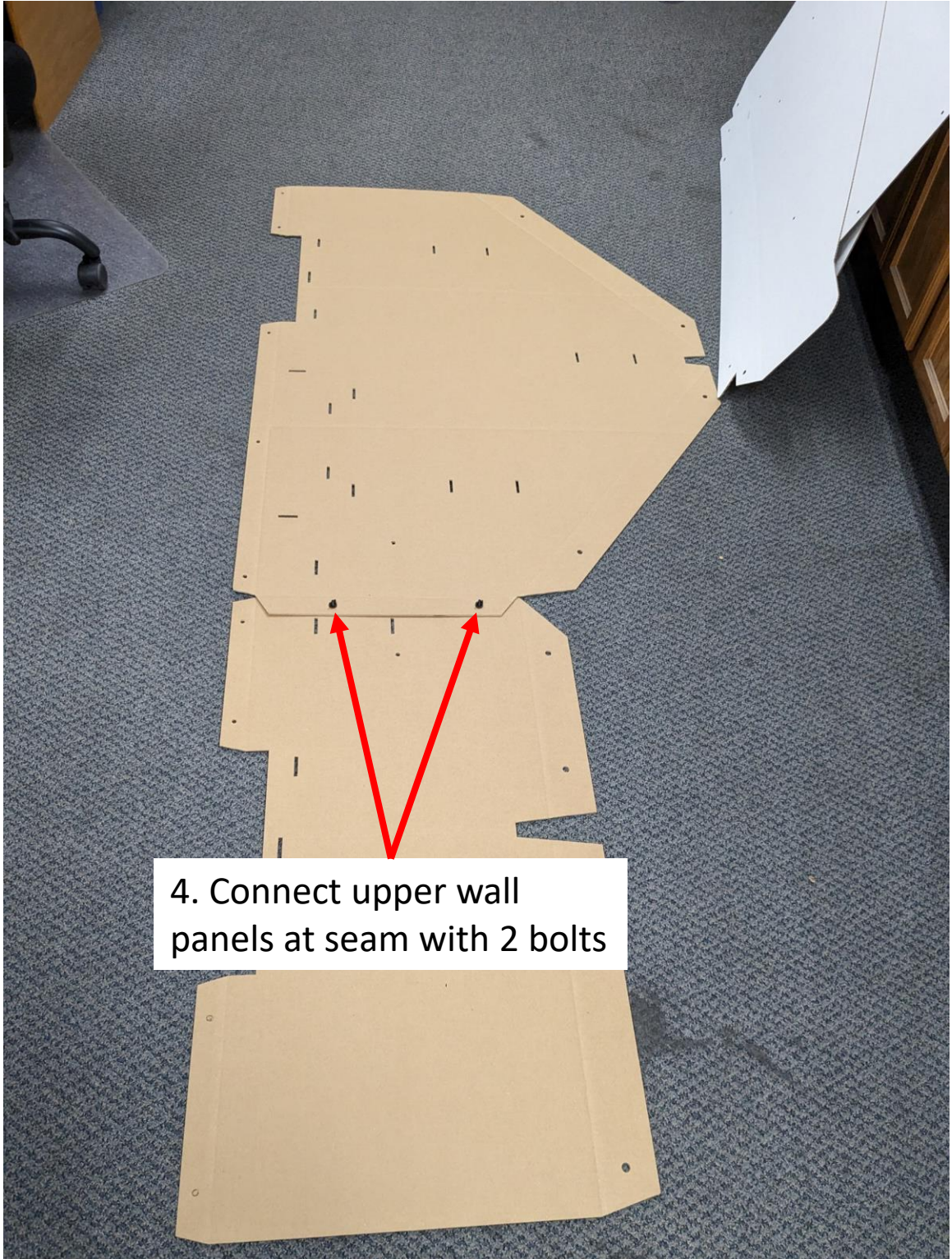
2. Pop open easels and attach one to each wall panel. 2 bolts each, below the window cutouts.



3. Stand up wall panels and bend into a 90° L-configuration. Then, attach lower corner bracket with 2 bolts.



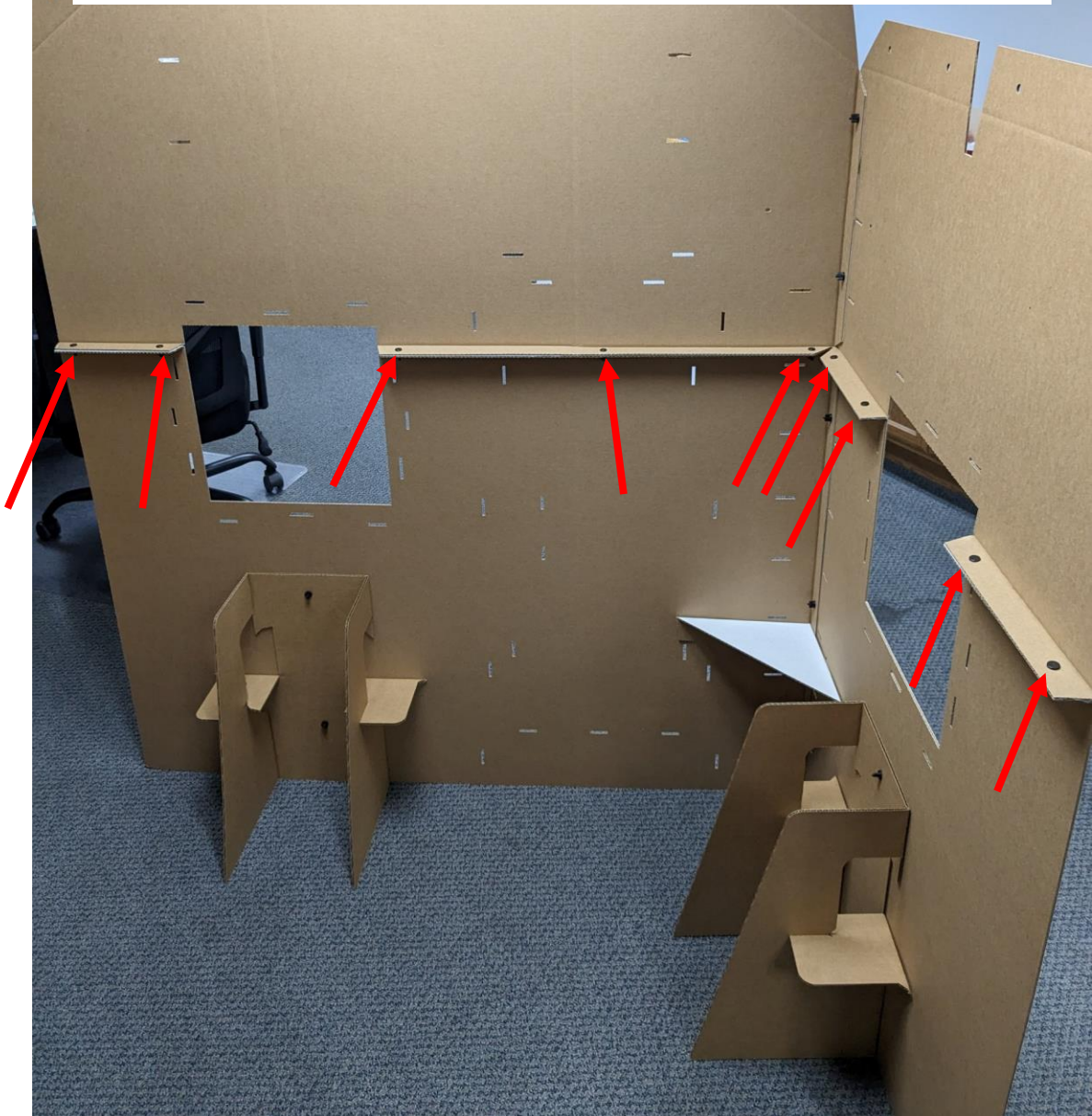




4. Connect upper wall panels at seam with 2 bolts

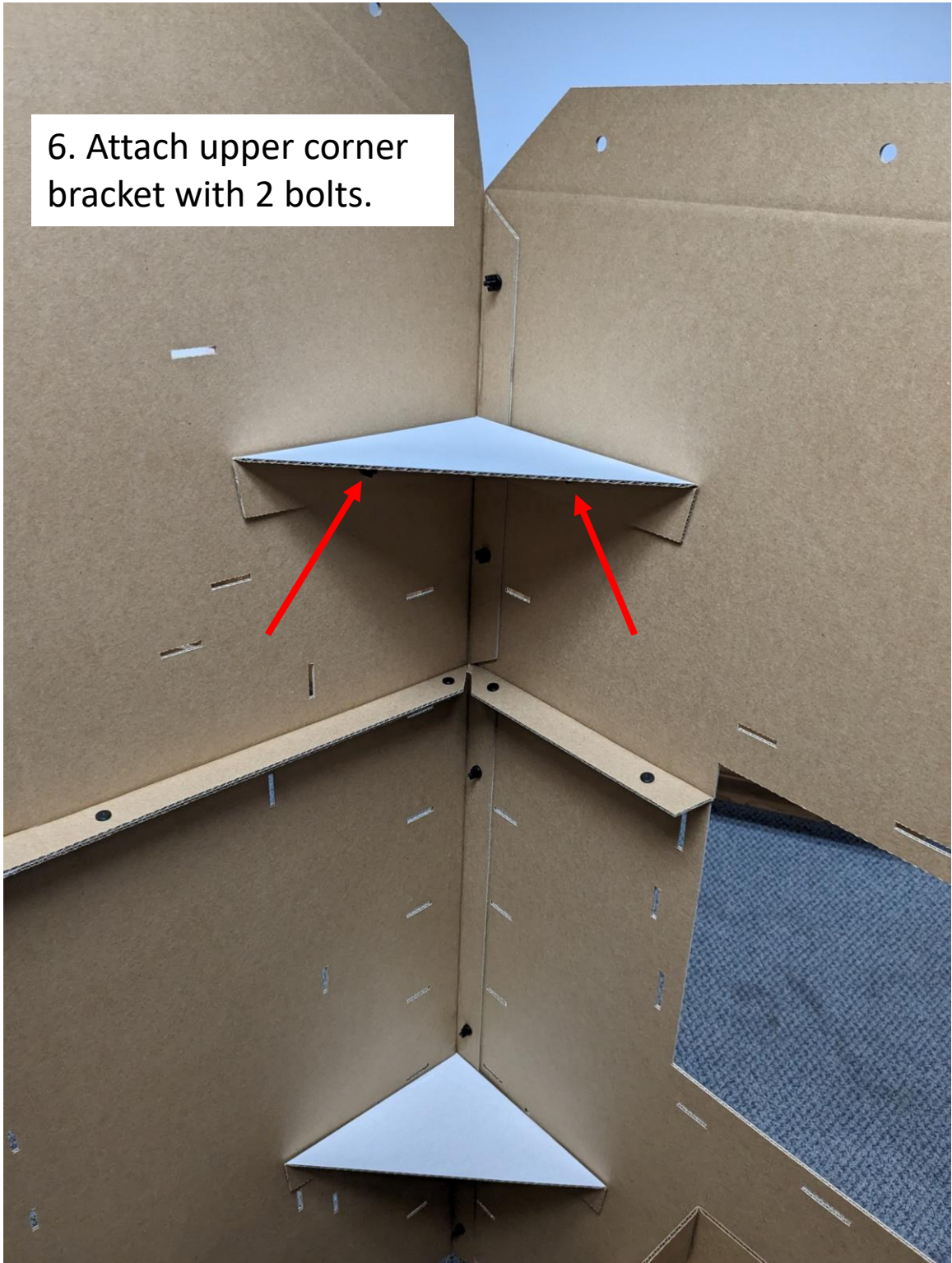
5. Bend upper walls 90° and attach to lower walls with middle seam. There are 9 bolts along the edge.

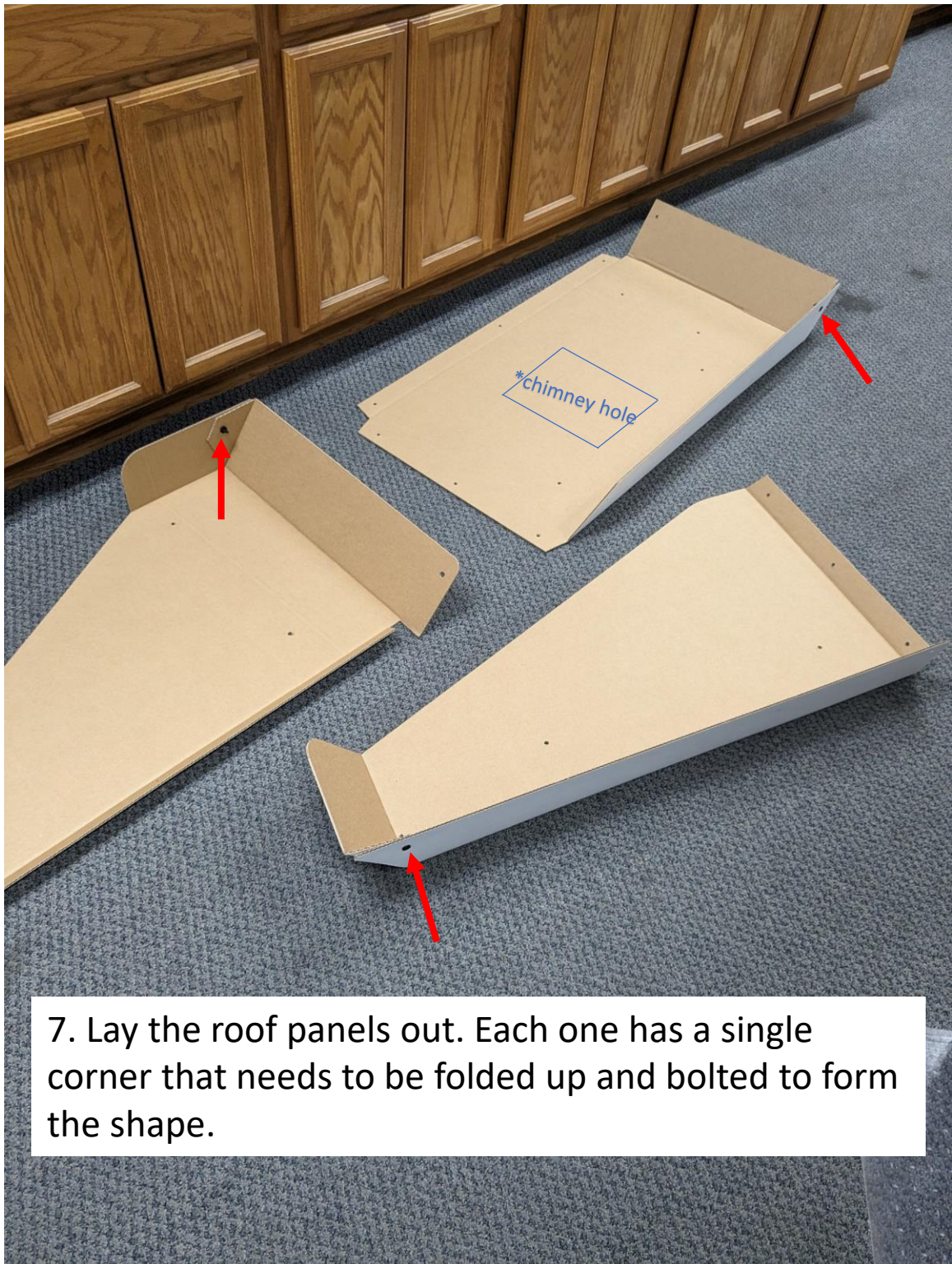
It may be easier to perform Step 13 first, so the walls have vertical pole supports to attach to.





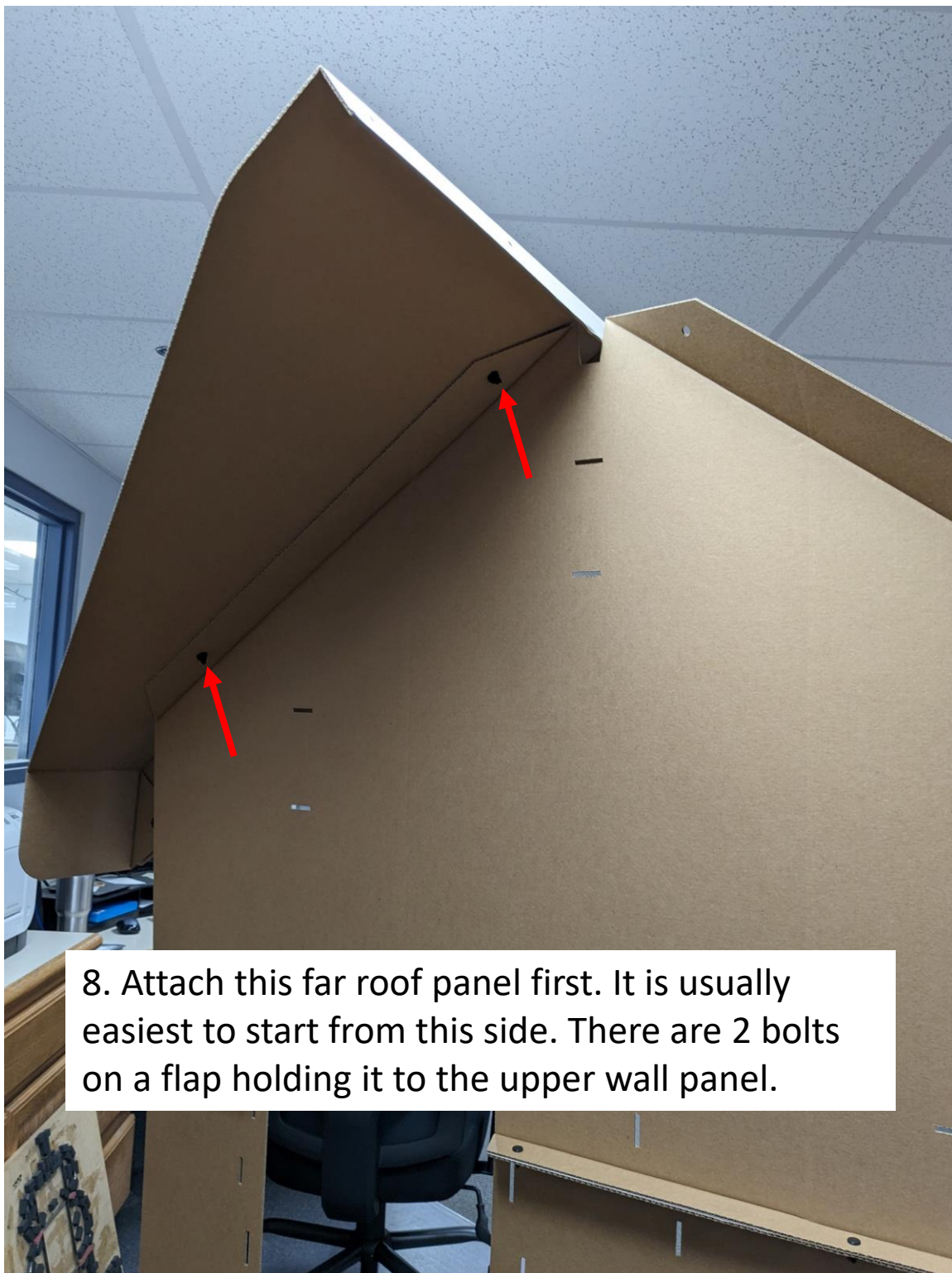
6. Attach upper corner bracket with 2 bolts.





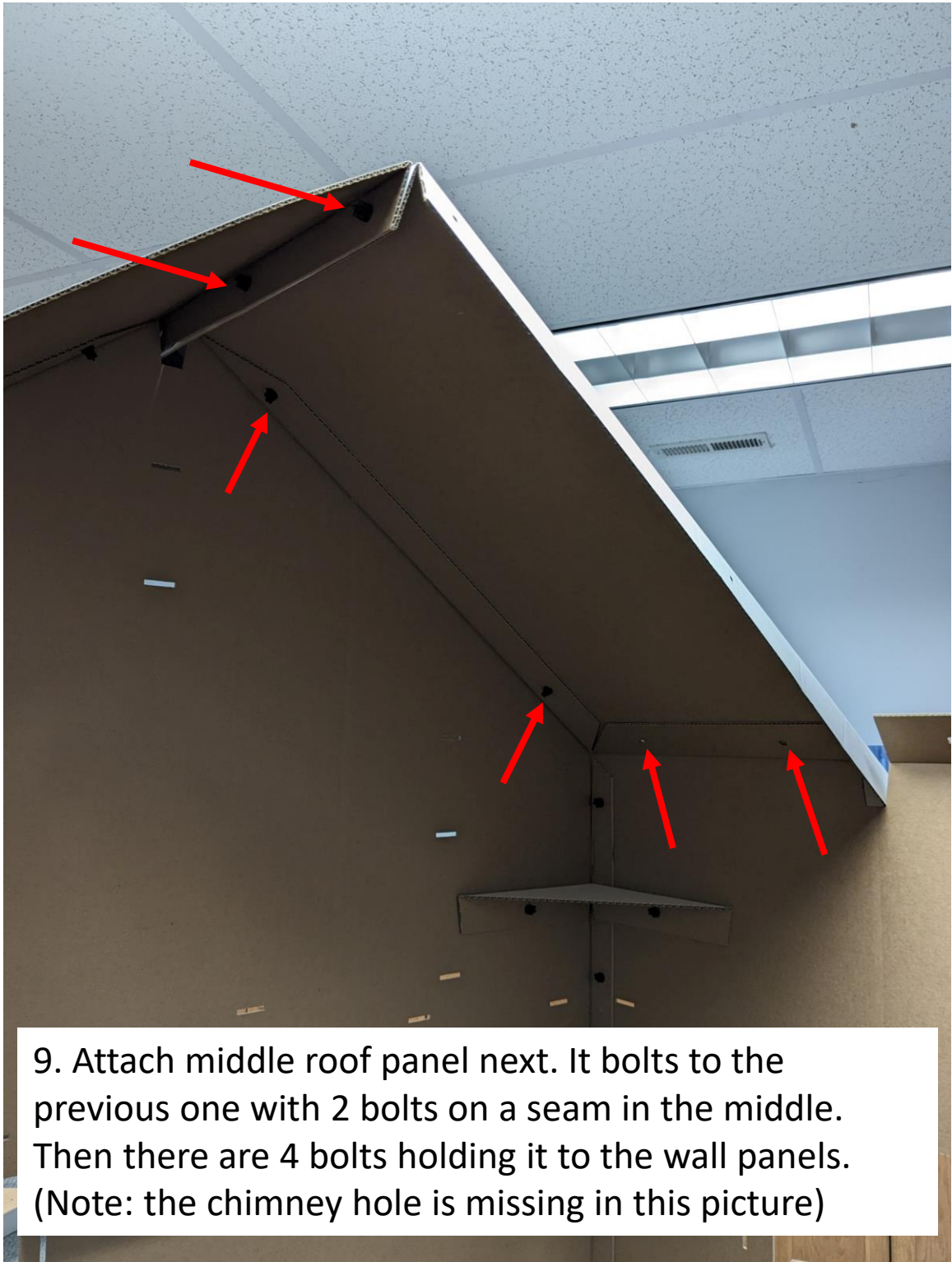
7. Lay the roof panels out. Each one has a single corner that needs to be folded up and bolted to form the shape.



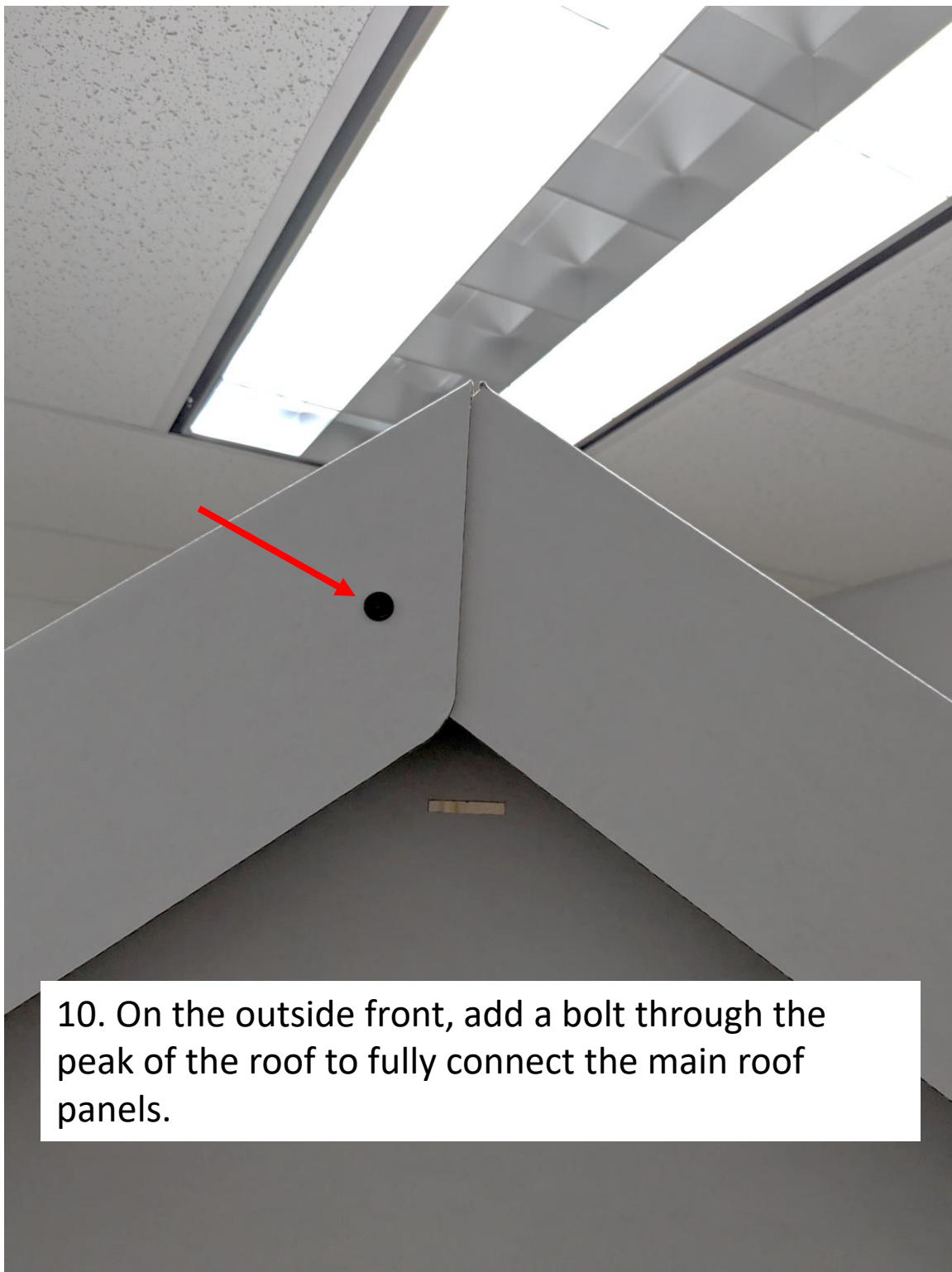


8. Attach this far roof panel first. It is usually easiest to start from this side. There are 2 bolts on a flap holding it to the upper wall panel.





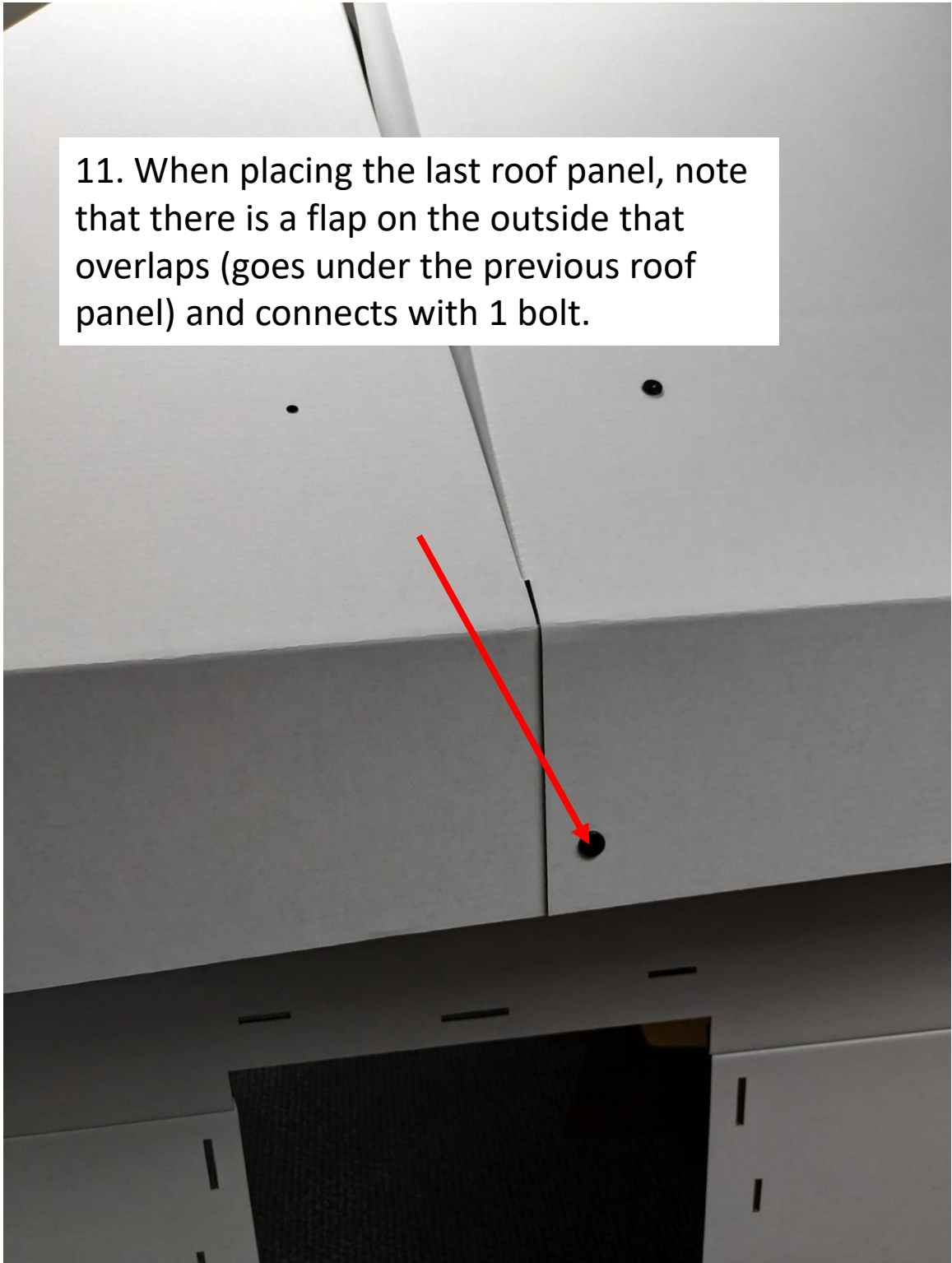
9. Attach middle roof panel next. It bolts to the previous one with 2 bolts on a seam in the middle. Then there are 4 bolts holding it to the wall panels. (Note: the chimney hole is missing in this picture)



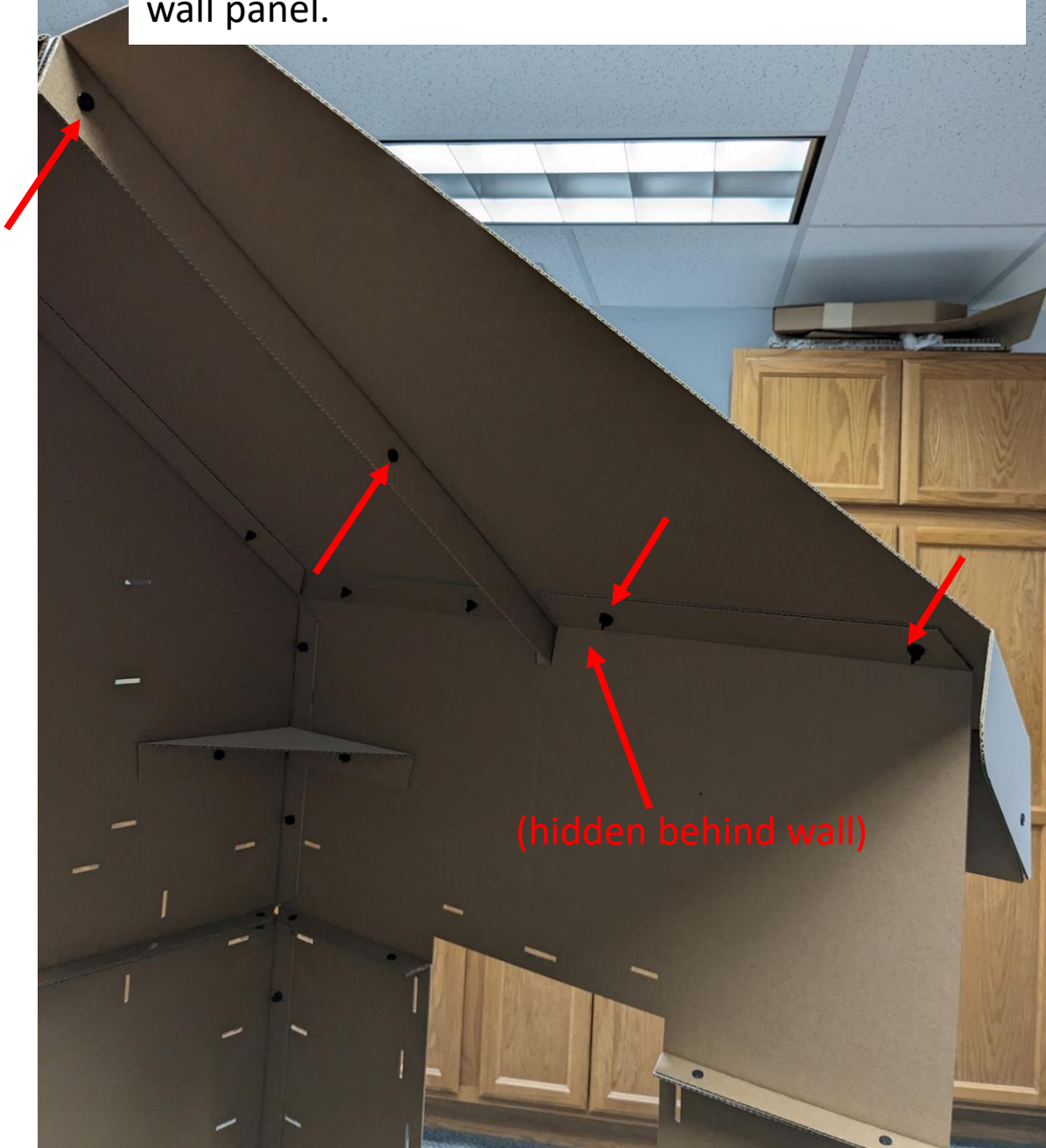
10. On the outside front, add a bolt through the peak of the roof to fully connect the main roof panels.



11. When placing the last roof panel, note that there is a flap on the outside that overlaps (goes under the previous roof panel) and connects with 1 bolt.



12. Finish attaching the third roof panel. There are 3 bolts along the center seam (1 is outside, hidden under the eave), and two bolts that hold it to the wall panel.







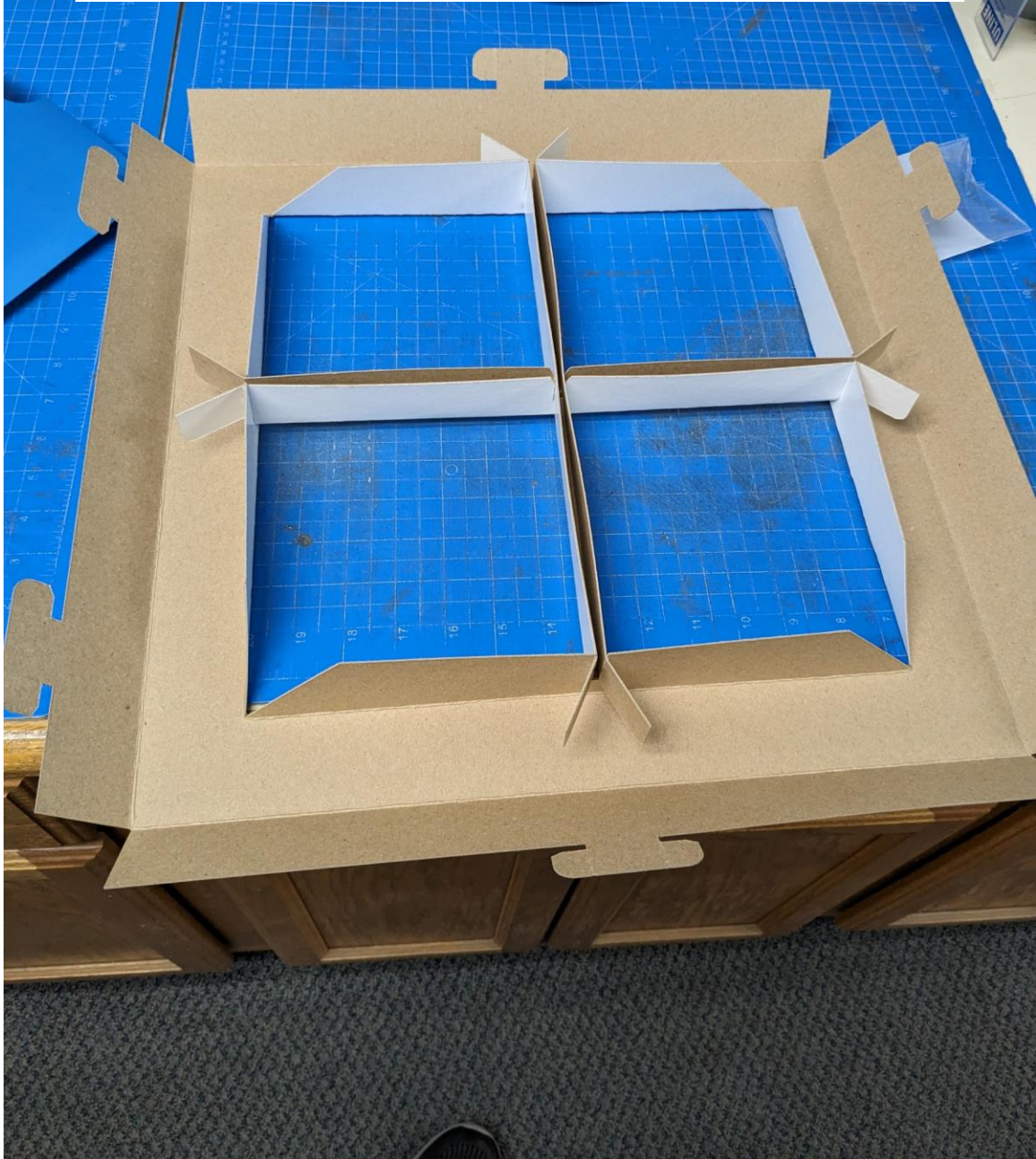
13. Roll up each of the vertical support beams and bolt them to the outside edges of the walls. Each roll-up has 4 bolt holes that align with holes in the upper and lower wall panels.

Note: This step can also be performed before step 5. If you choose to add these earlier, attach the 2 lower bolts, then set the upper walls in place then add the upper 2 bolts later.



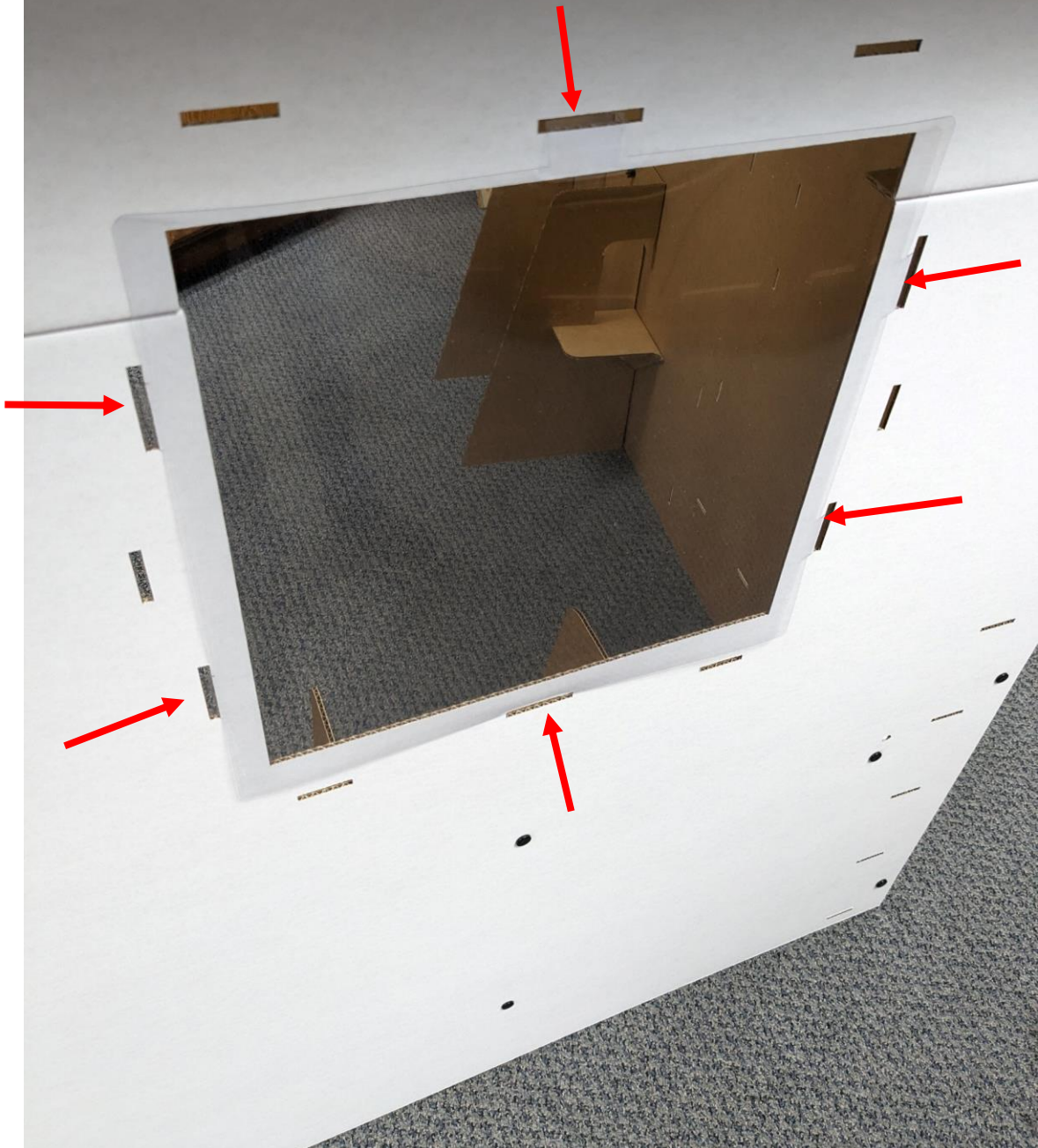
(These beams were added to the design later, for much-needed stability.)

14. Start assembling the window frames. Fold the crossmember pieces and connect them at the slot in the middle. Then, place in them inside of the window frame as shown. Align all 4 slots, then bend the tabs so they stay in place.





15. Insert the clear plastic window panes.  
They simply slot into the walls with 6 tabs.



16. Attach both window frames to the cabin.  
Each window frame has 6 fold-over wing-lock  
tabs that need to be inserted.





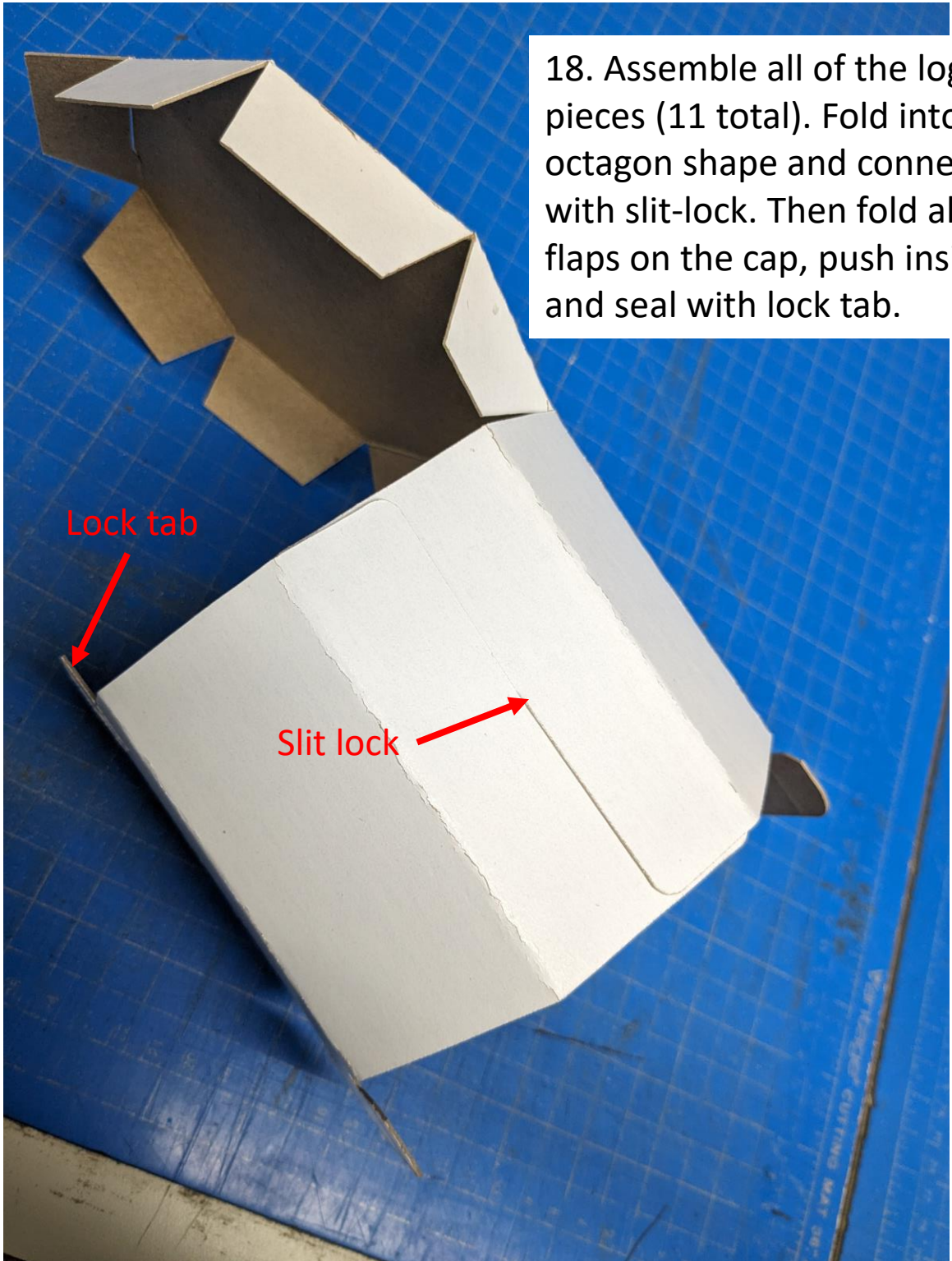
17. Next, add the porch step, door frame pieces, and door handle. Start with the porch (4 wing-locks, 1 alignment tab), then the vertical door frames (4 wing-locks, 1 alignment tab), then the upper door frame (4 wing-locks), and finally the door handle (fold over and push into slots).



18. Assemble all of the log pieces (11 total). Fold into octagon shape and connect with slit-lock. Then fold all flaps on the cap, push inside, and seal with lock tab.

Lock tab

Slit lock







19. Attach 3 rafter logs on the peak of the roof. Each log has 2 wing-lock tabs to fold and insert.

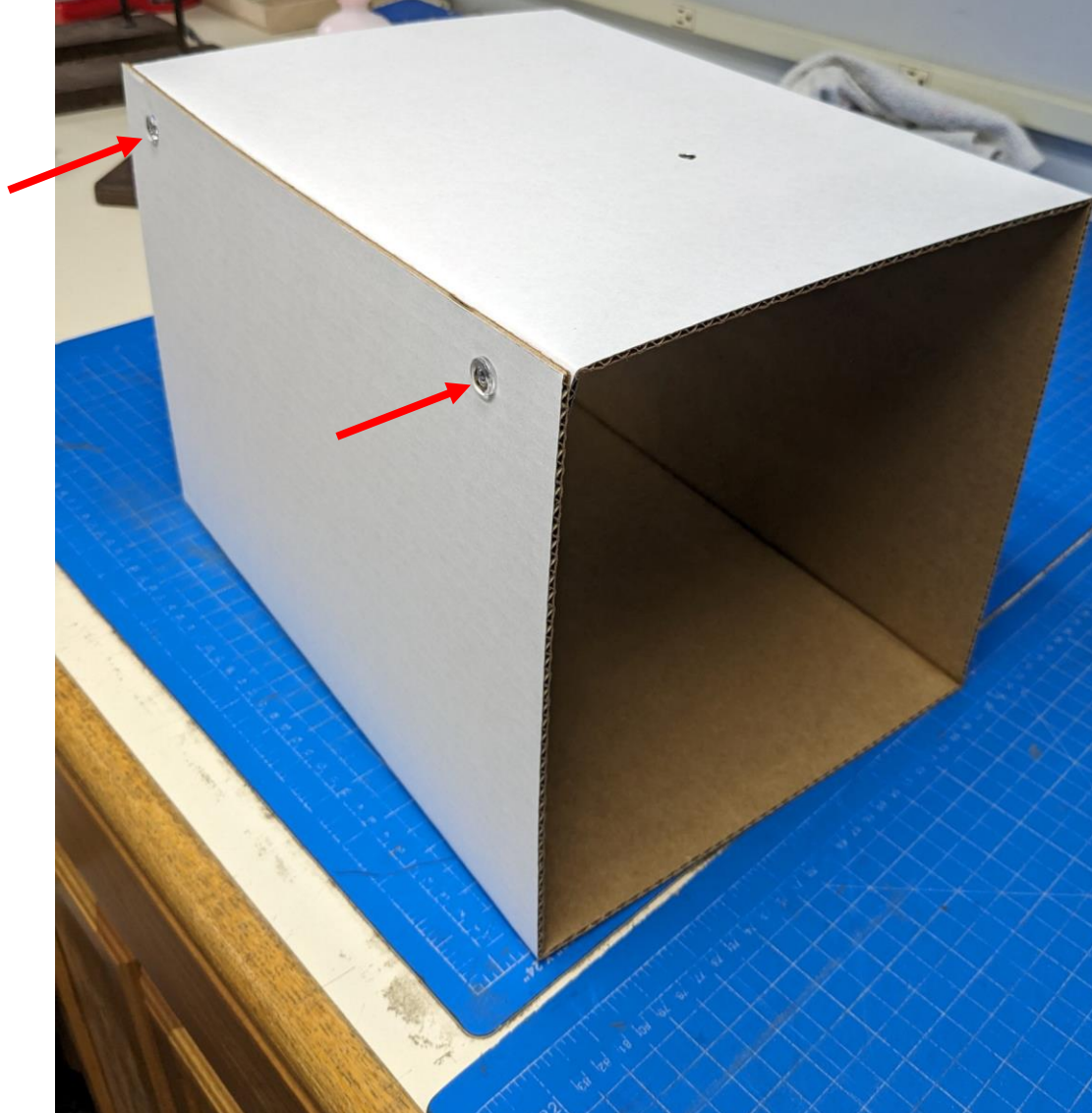
20. Attach the remaining logs on the front and side corners.

(this log has been deleted, do not use)





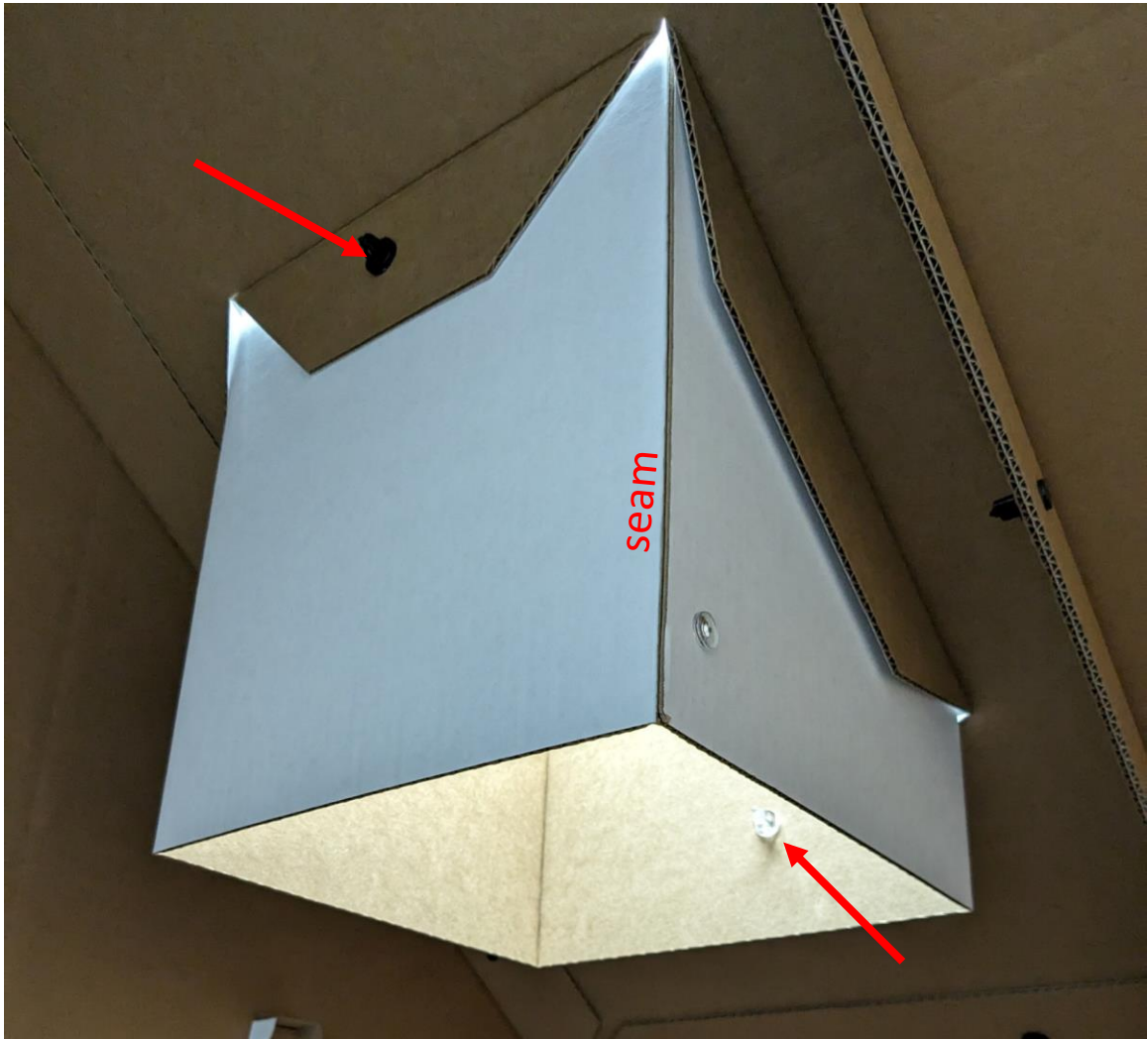
21. Fold the chimney tube and attach the seam with 2 bolts.



The chimney hole was added late in the design phase. It is located on the middle roof panel. Fold all 4 flaps downward to prepare for the chimney to slide in. Note the two hole locations where bolts will be added.





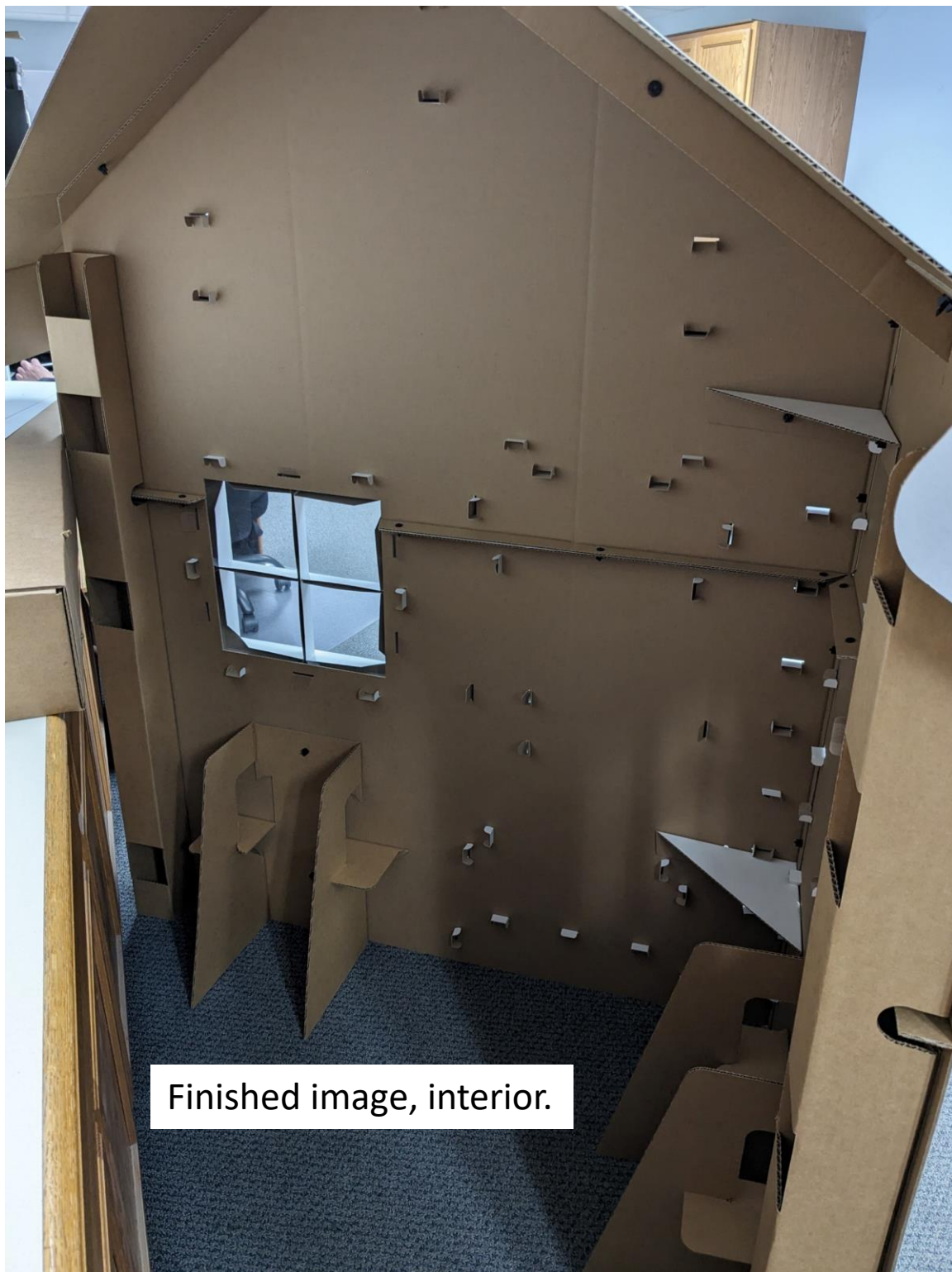


22. Slide the chimney into the hole in the roof, then attach with 2 bolts. Note: The chimney should only fit in one direction. The bolted seam of the chimney should point toward the back interior side of the cabin as shown.

Finished image, exterior.







Finished image, interior.