

Boston Mahogany Two Part Bookcase

Modeled 2007 by Tim Talma

Modeled from Philip H. Bradley Co. ad in December 2006 issue of *The Magazine Antiques*

The model for this bookcase was designed in sketchup version 6.4.112. It is as true to the original as I could infer from the picture and a brief discussion with the dealer. I did make 2 changes from the original. 1st I reduced the height from 102" to 89 3/8", and proportionally reduced the width. This was done to fit the scale of an 8' ceiling. 2nd I made the base a separate piece to ease transportation, and add strength to the base cabinet since the original had warped some. Where the doors meet was the most confusing part of the construction. The dealer stated that all the doors could open independently of each other (and he was quite sure of this), but there was only one lock for two doors. I am not sure how this worked, and the dealer could not remember as the piece was sold at the time of my conversation with him.

I tried to include all dimensions needed to build the piece, you may find some missing. When I build a piece I normally take the corresponding measurements from the parts already built. Meaning for this piece I would build the lower case first. I would then make the base the width of the case Plus the size of the molding, I would then make the molding and plane it to fit, repeat for the upper case. Then I would build the doors to fit the openings. So if a dimension is missing please follow this format to find the missing dimension.

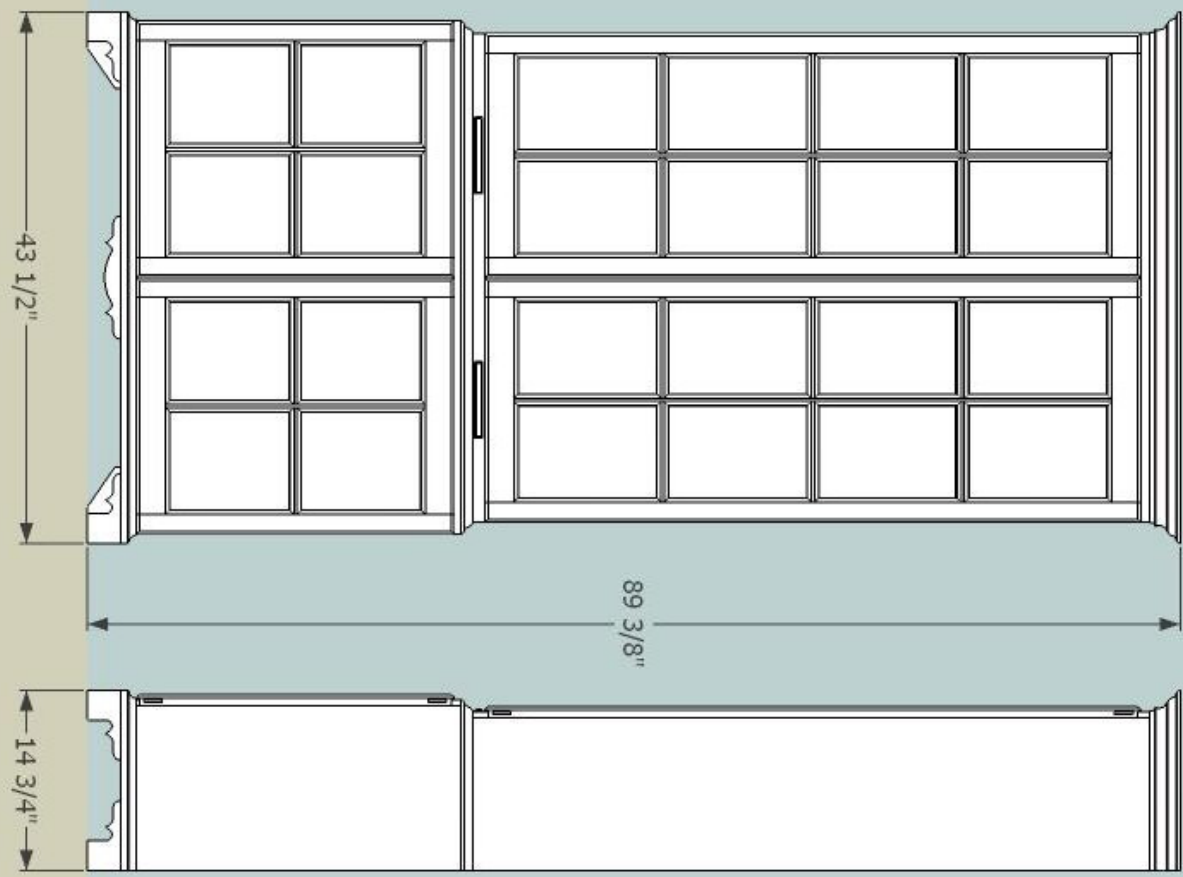
I did not include the hardware on this model. The original had 2 locks and 4 escutcheons. I was unable to determine how the locks worked. Ball and Ball have many escutcheons similar to the original. There were 3 hinges on each upper door and 2 on each lower. These were brass with finials that extended ~1" beyond the case side.

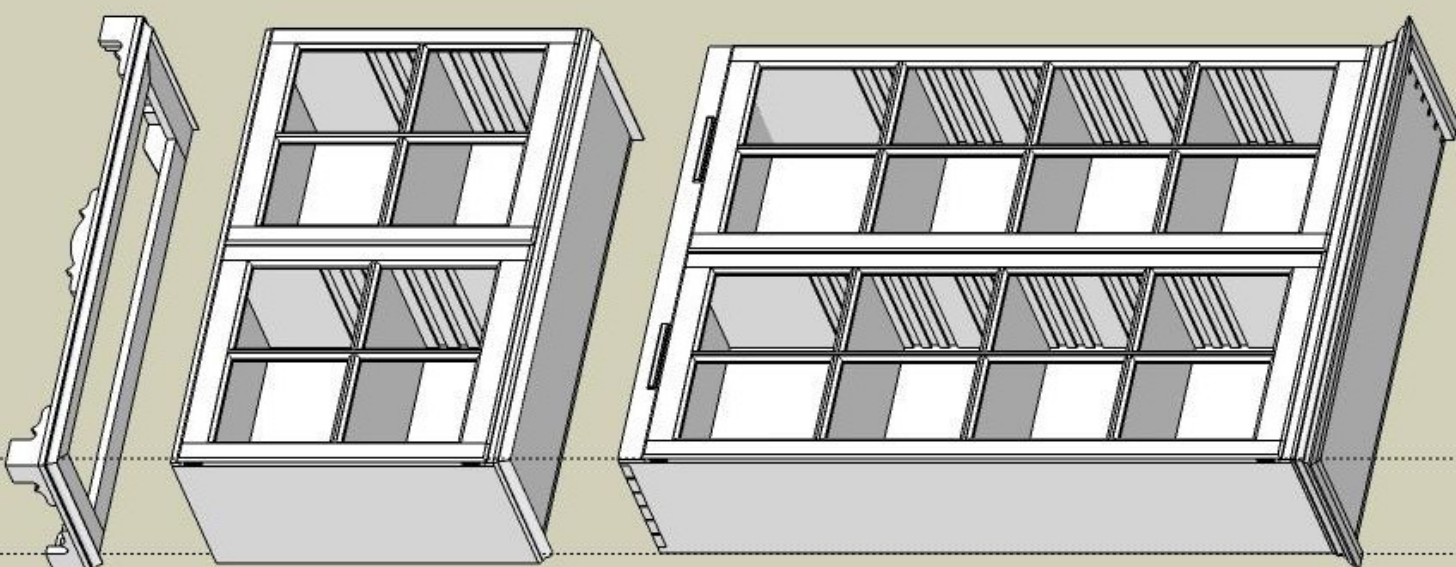
I found this a fun model to create. And hope that the pictures can help you reproduce this piece. Feel free to distribute and make corrections to this drawing/model as you see fit.

If you would like more drawings and models, as well as inspiration and advice on building period furniture please go to www.sapfm.org.

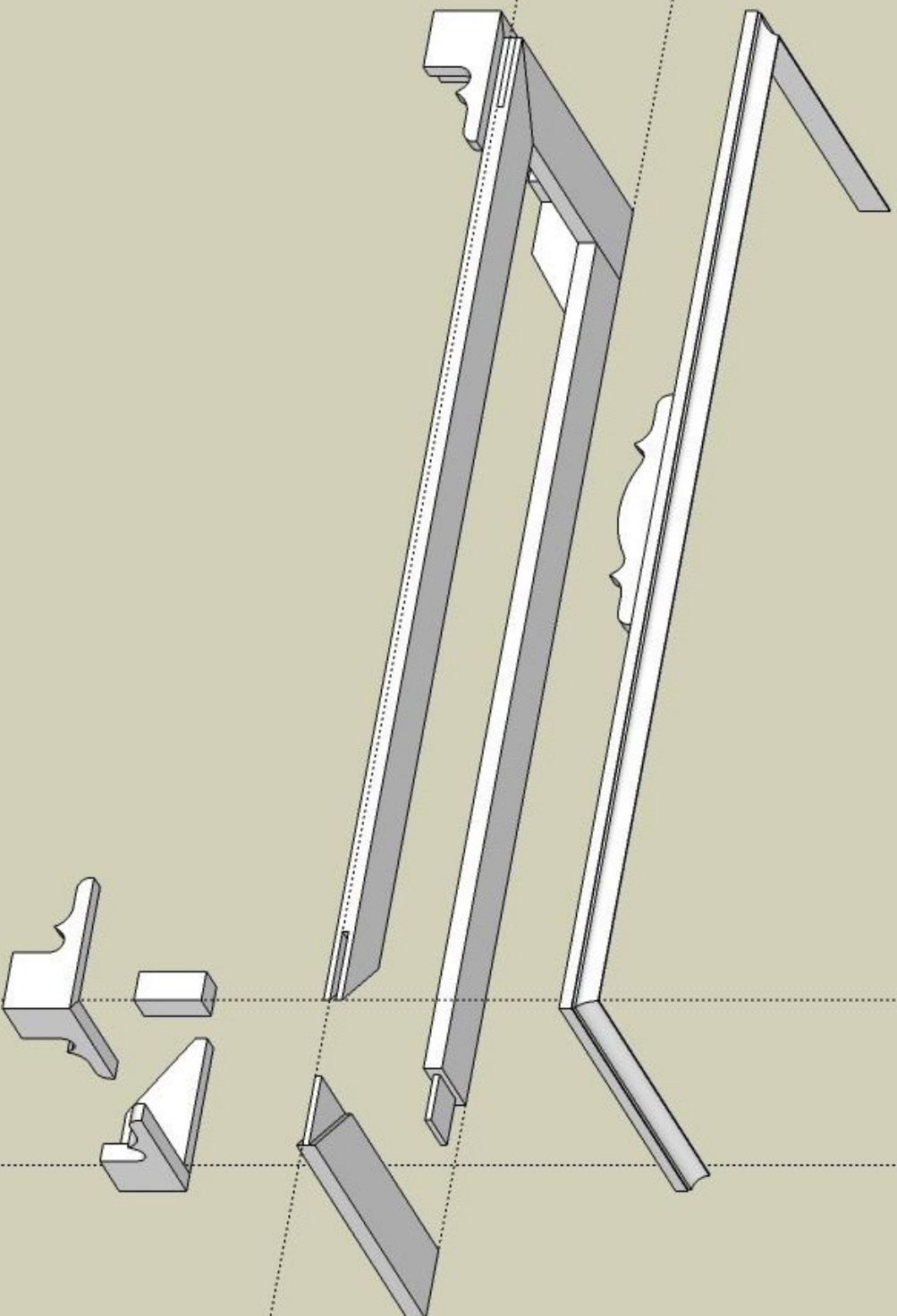


Overall Dimensions

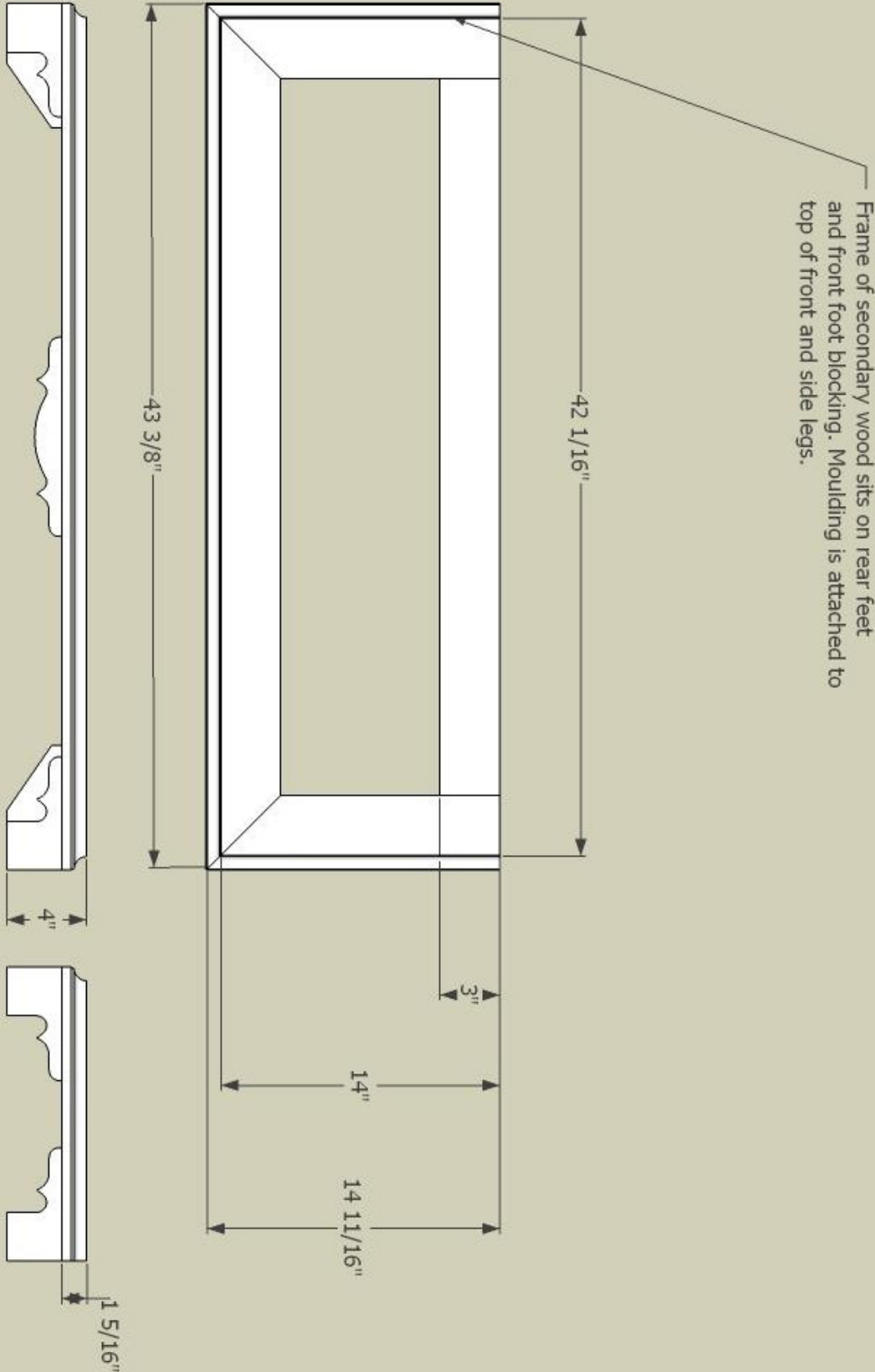




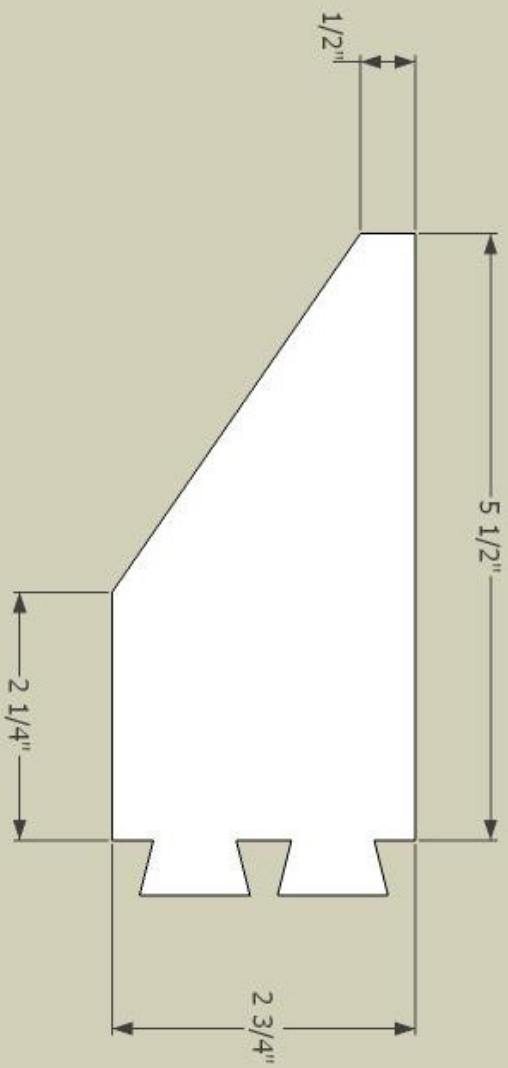
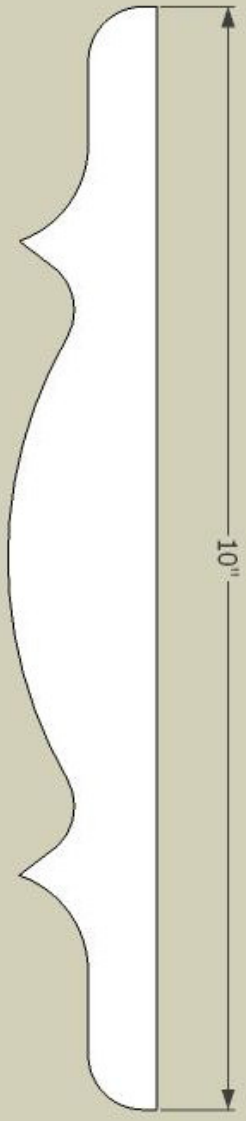
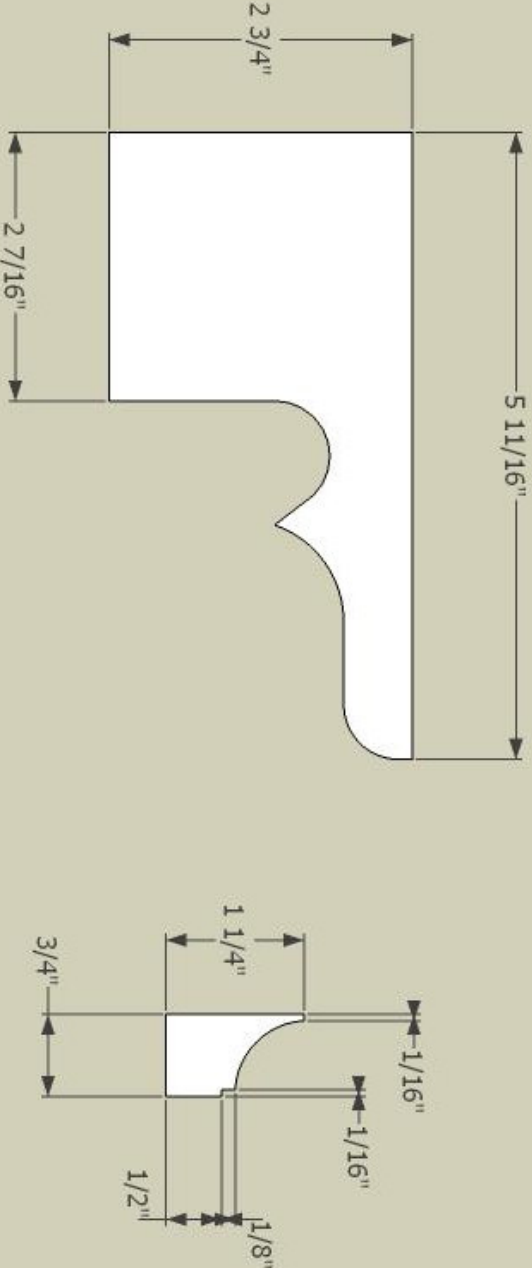
Base Assembly

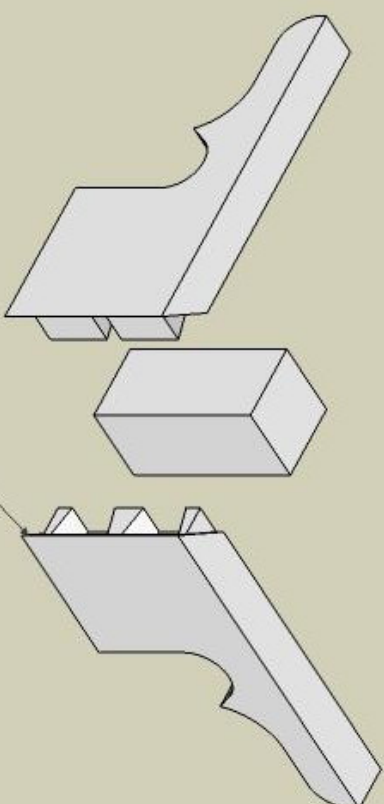
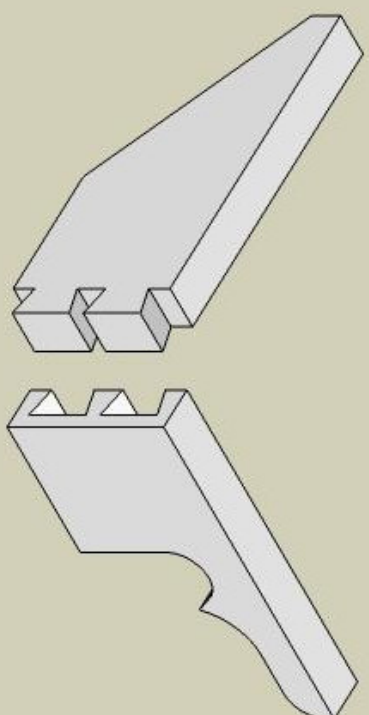
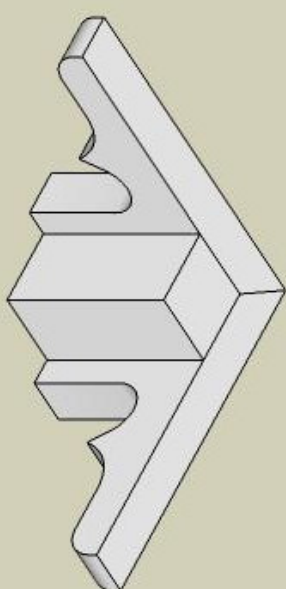
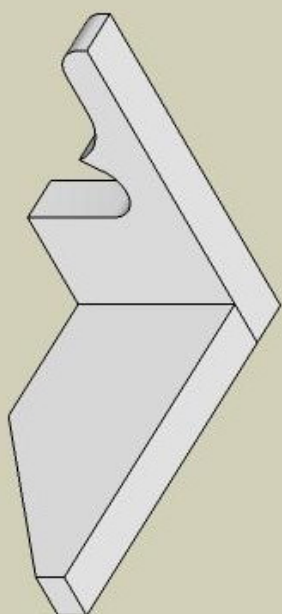


Base Dimensions



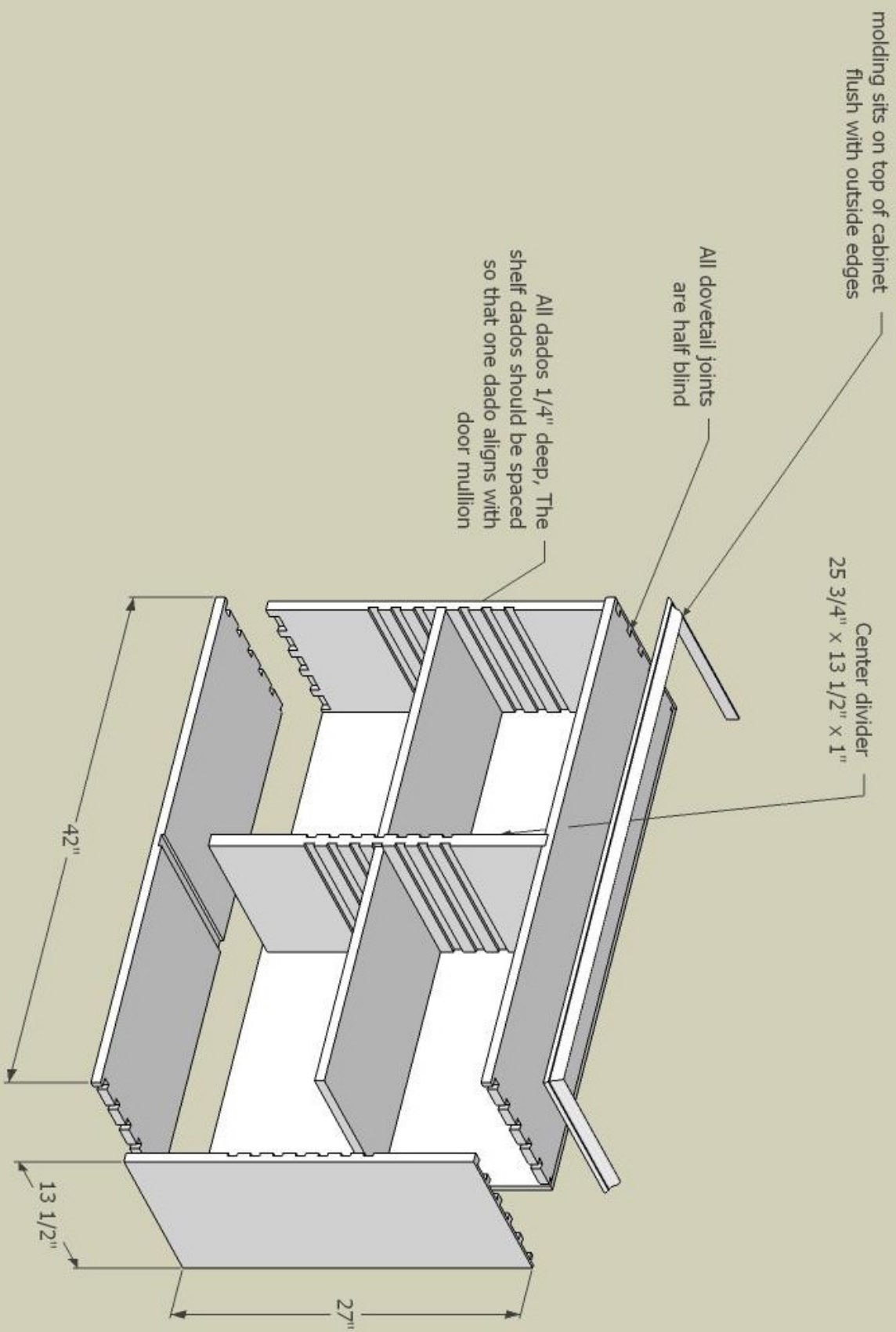
Base Molding





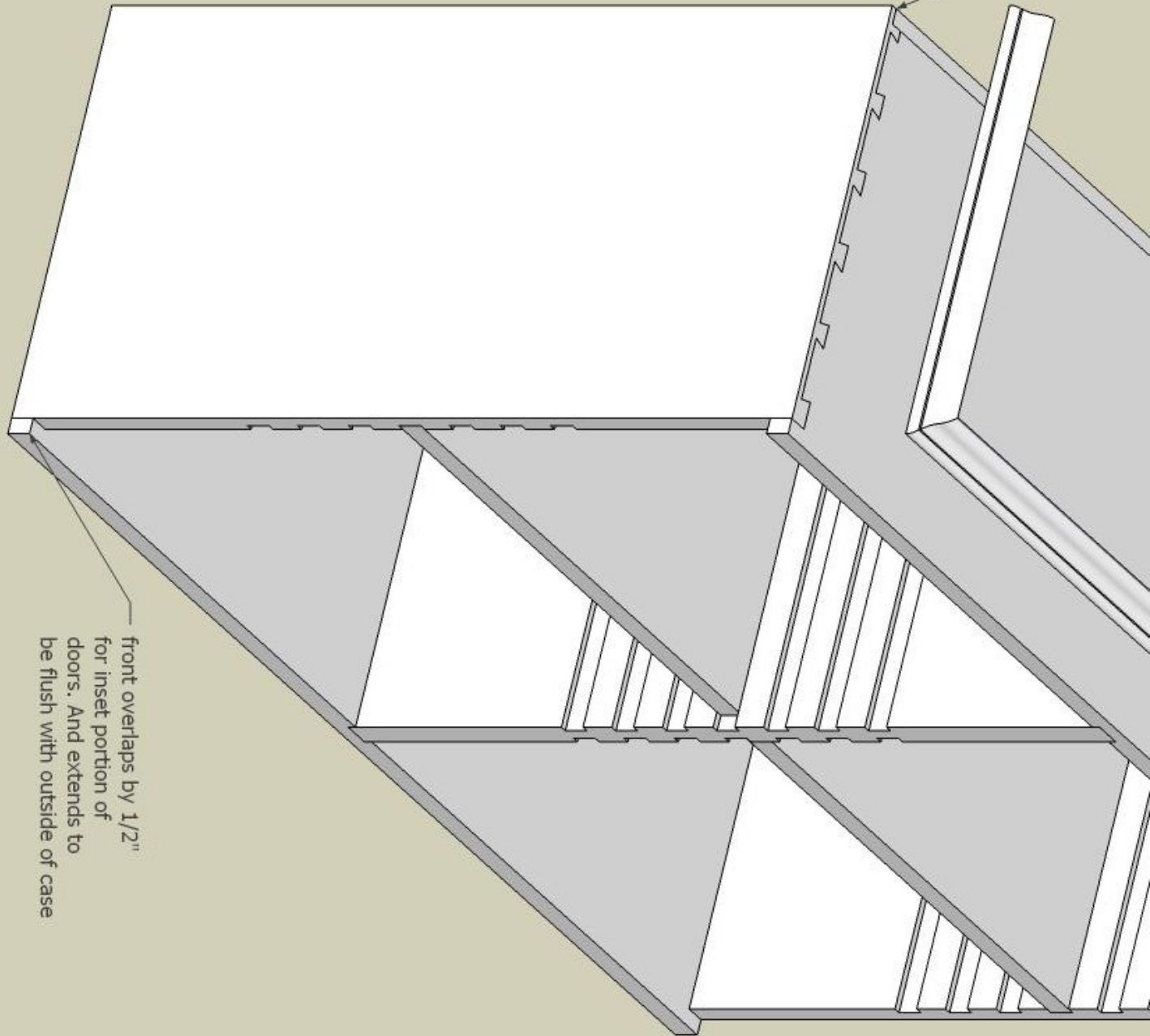
Hidden miter dovetail

Base Cabinet Assembly

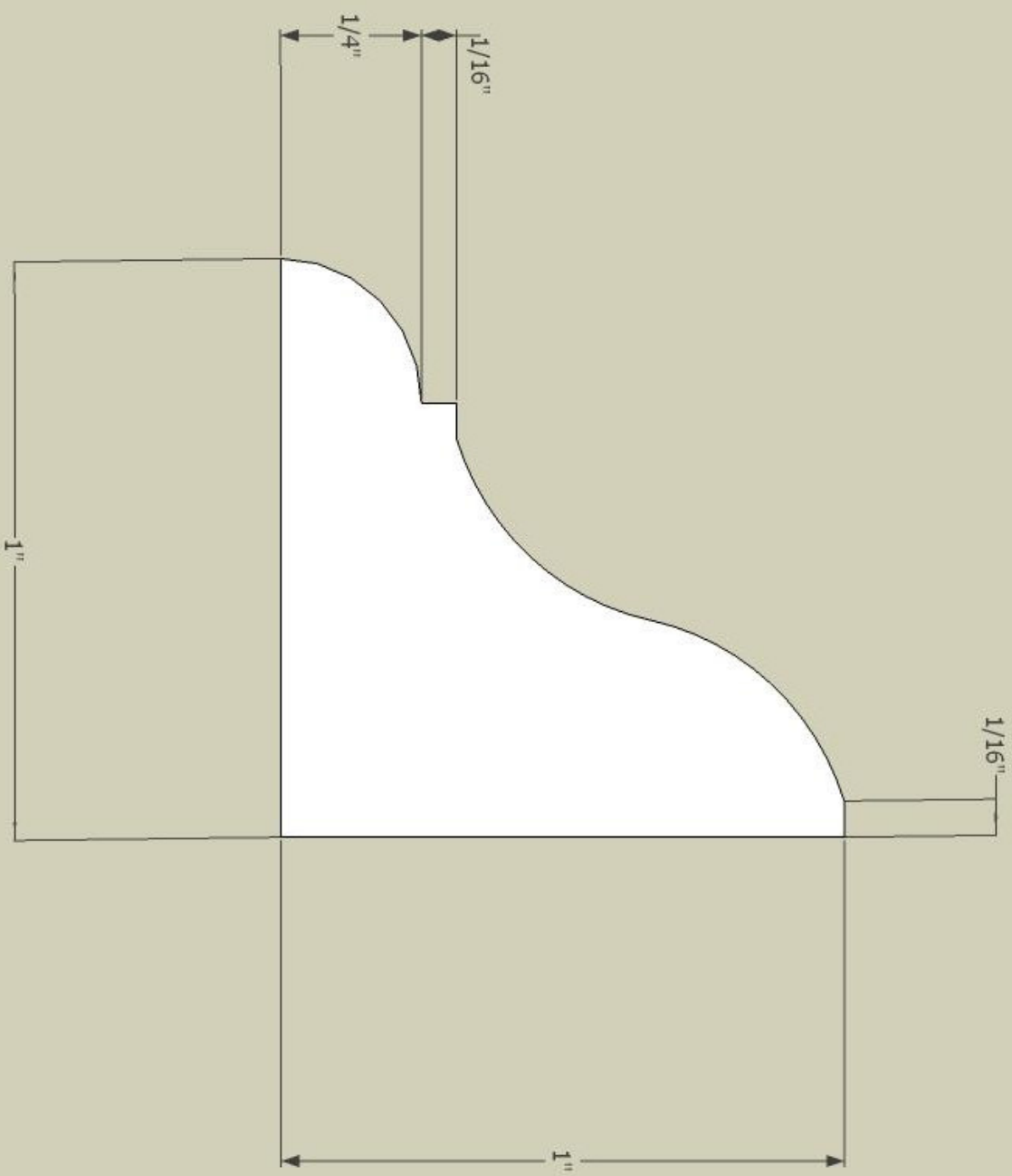


Base Cabinet Assembly Details

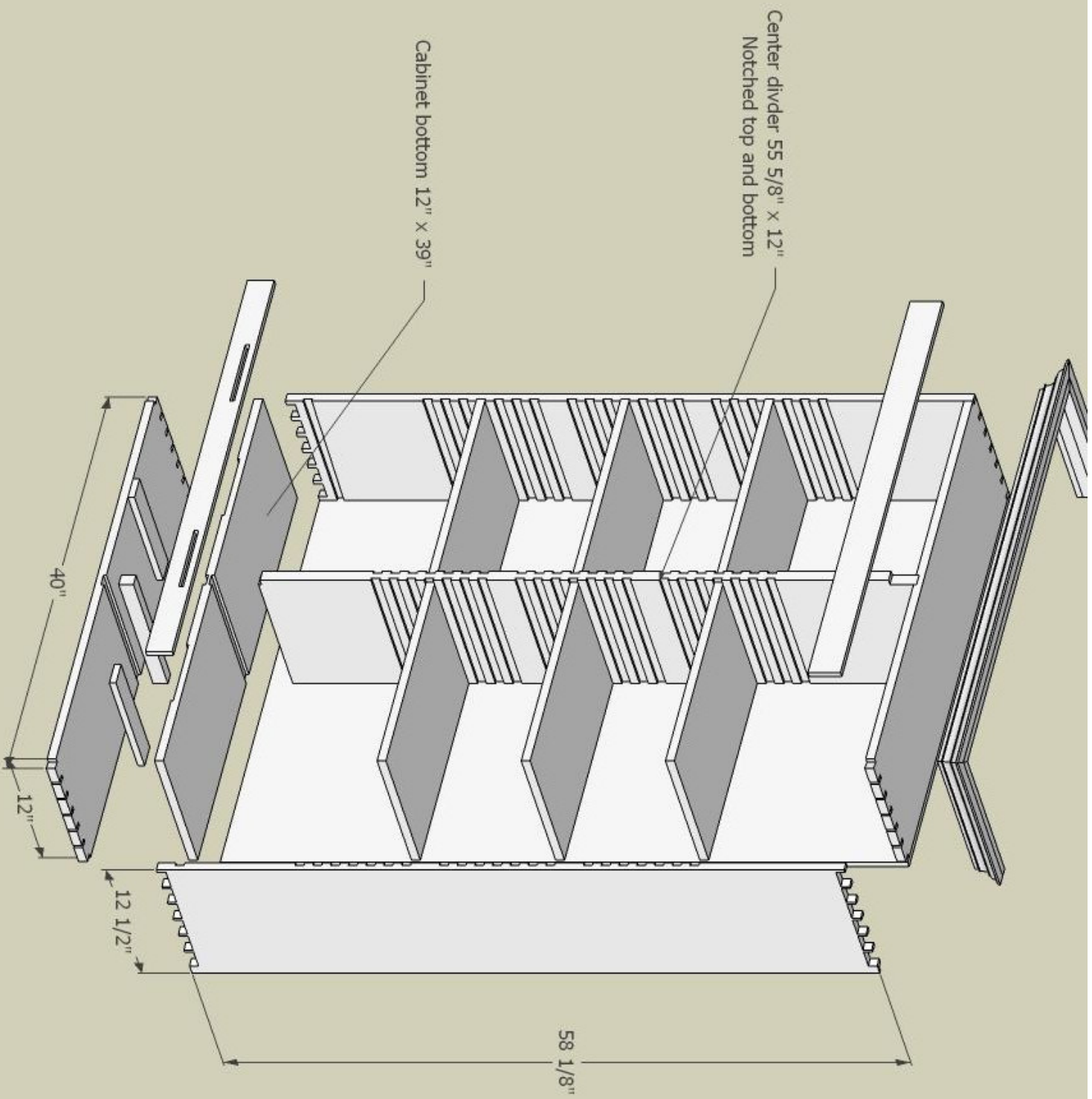
1/2" x 1/2" rabbet

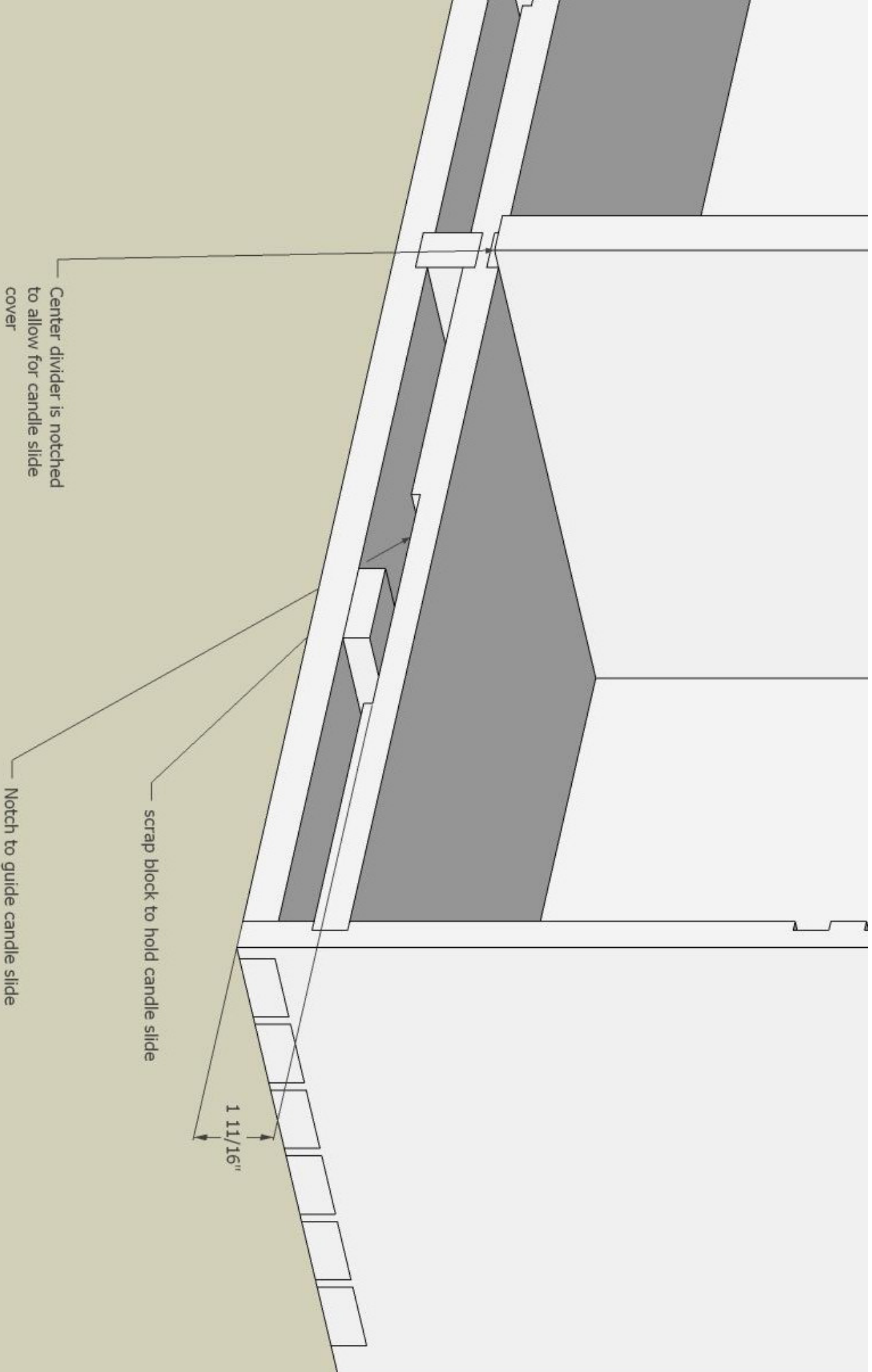


front overlaps by 1/2"
for inset portion of
doors. And extends to
be flush with outside of case



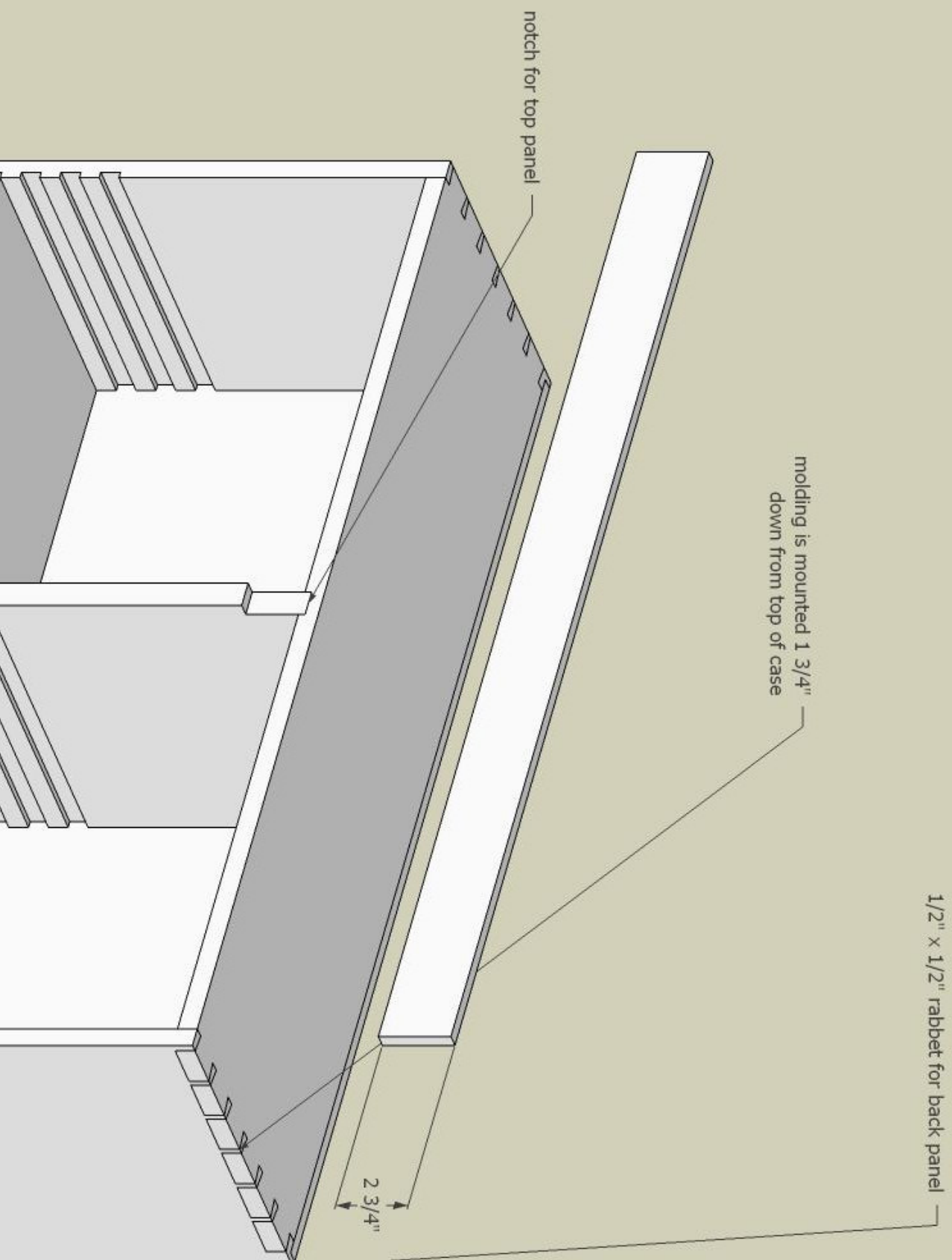
Upper Case Assembly



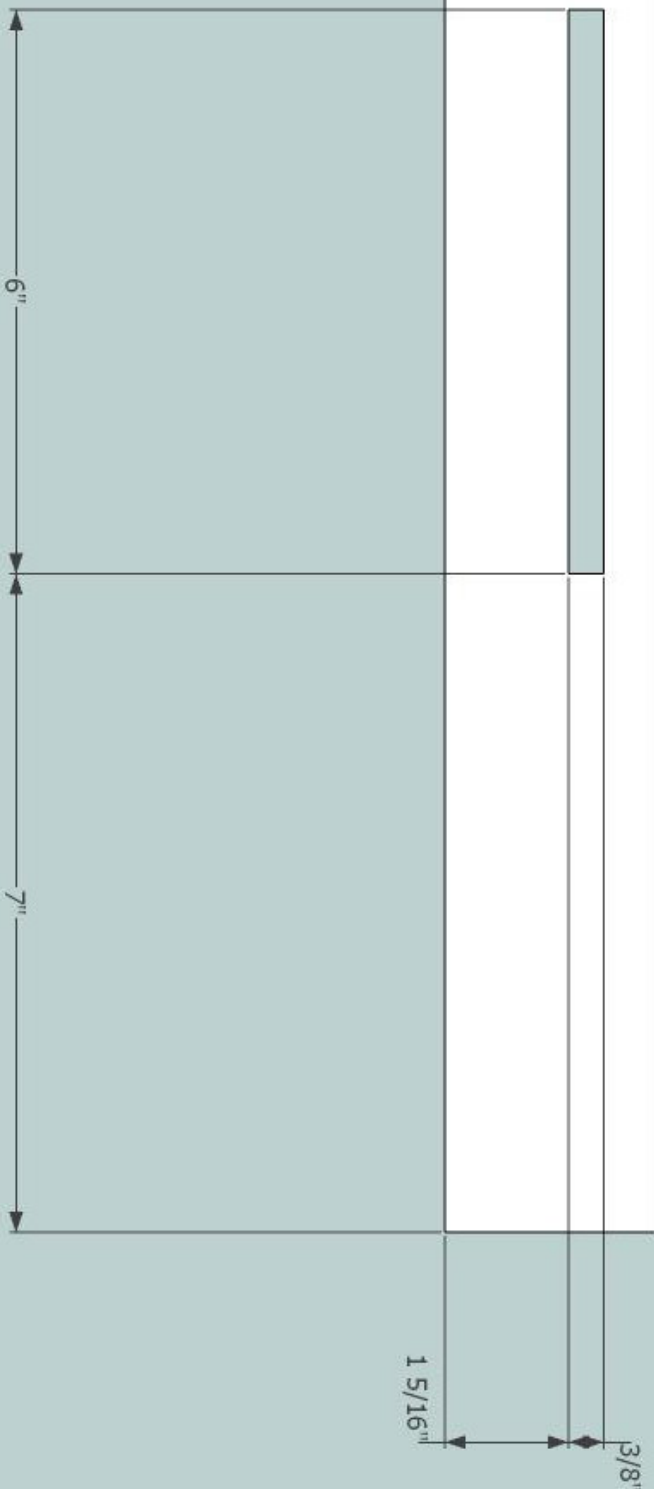


Upper Case Candle Slide Assembly Details

Upper Case top details

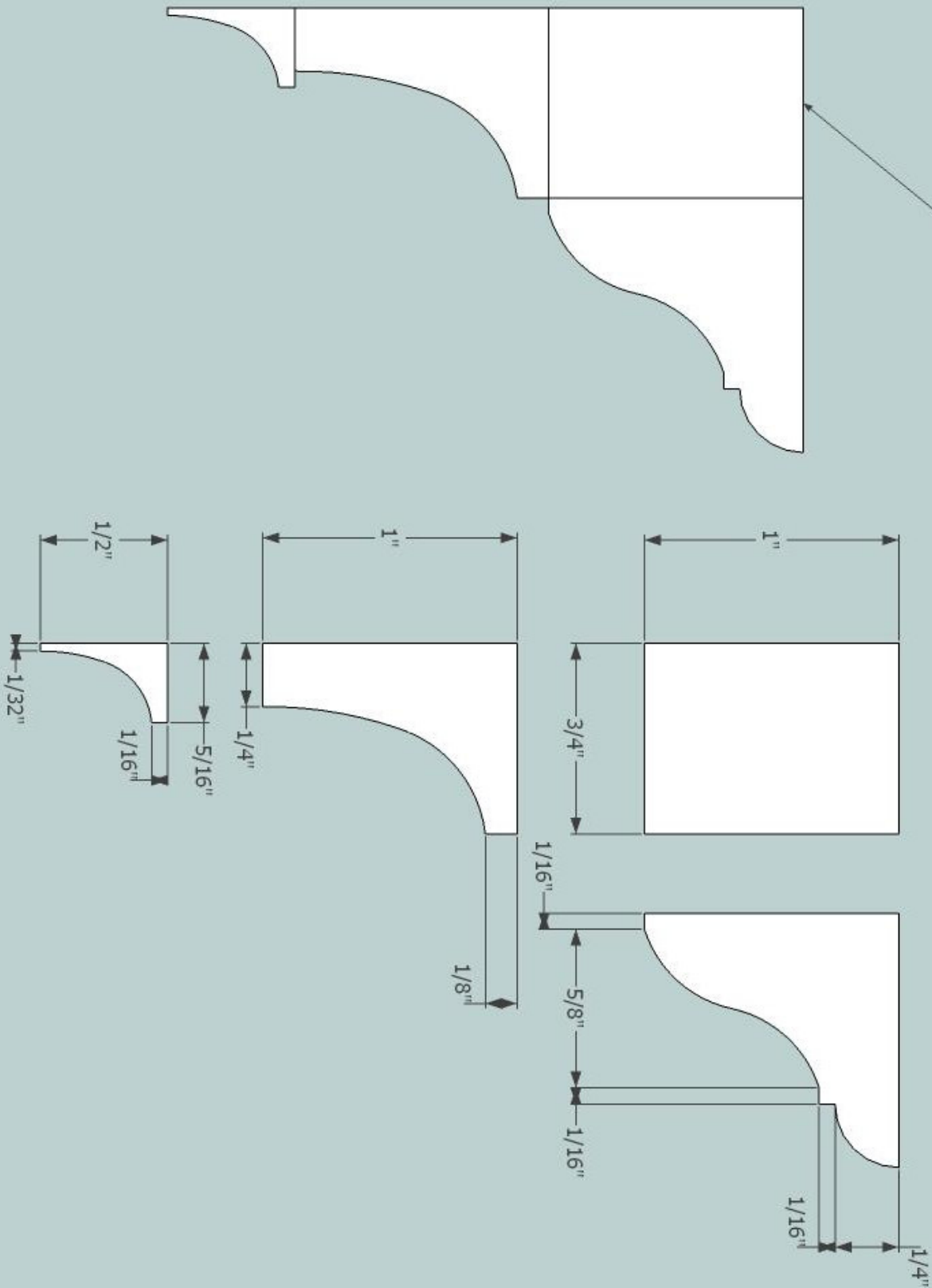


Candle Slide Cover

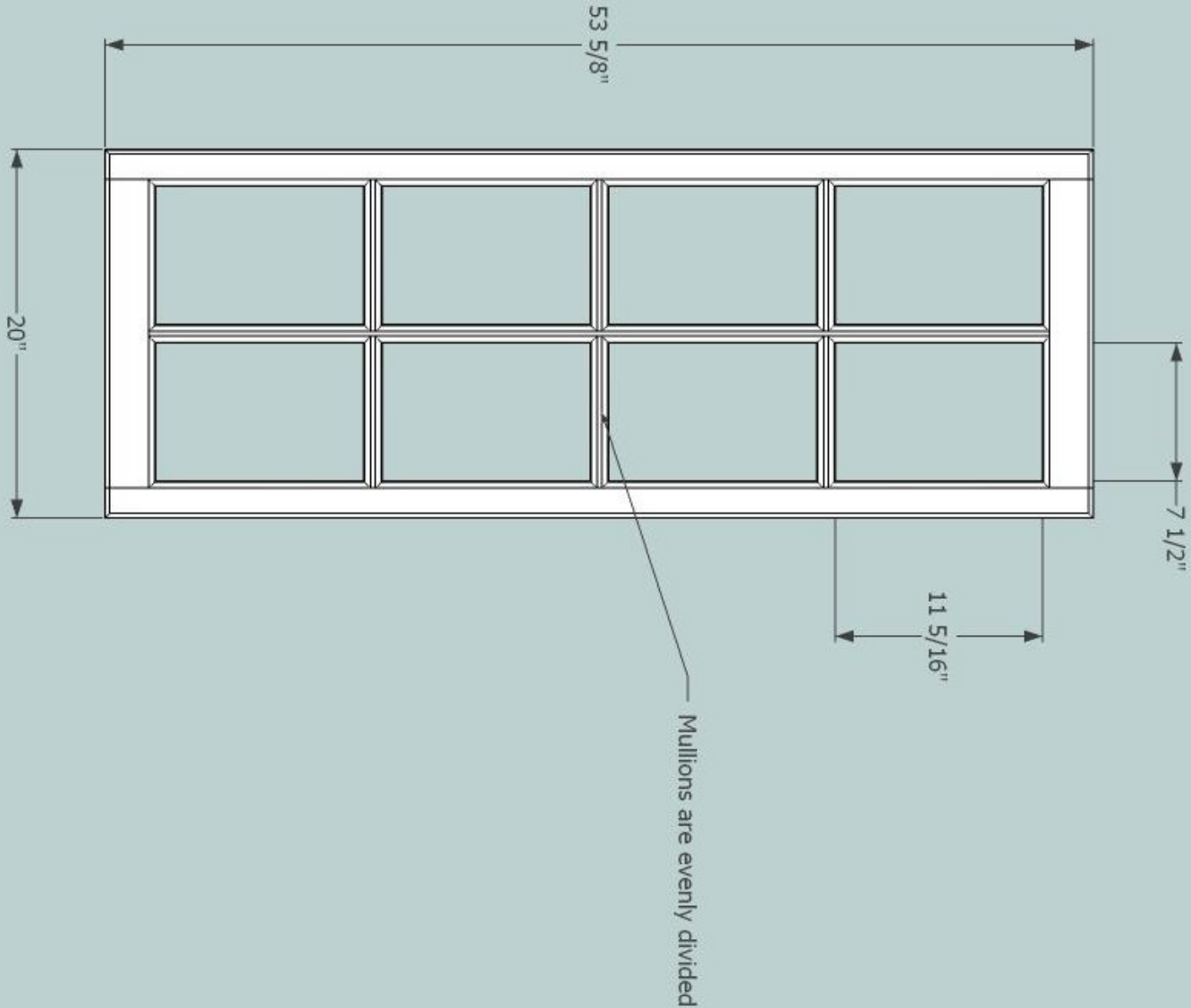


Upper Case molding

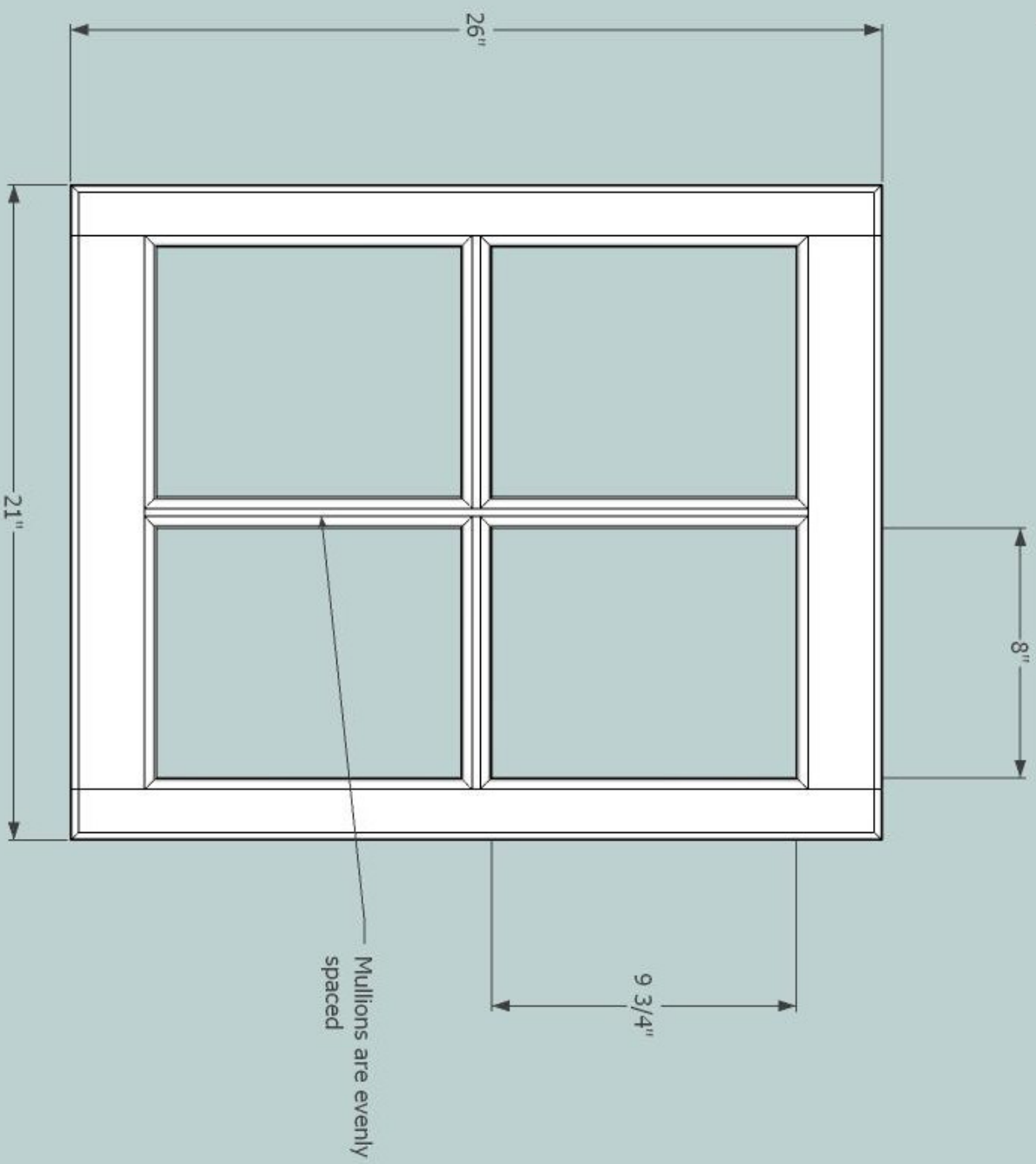
This piece can be secondary wood



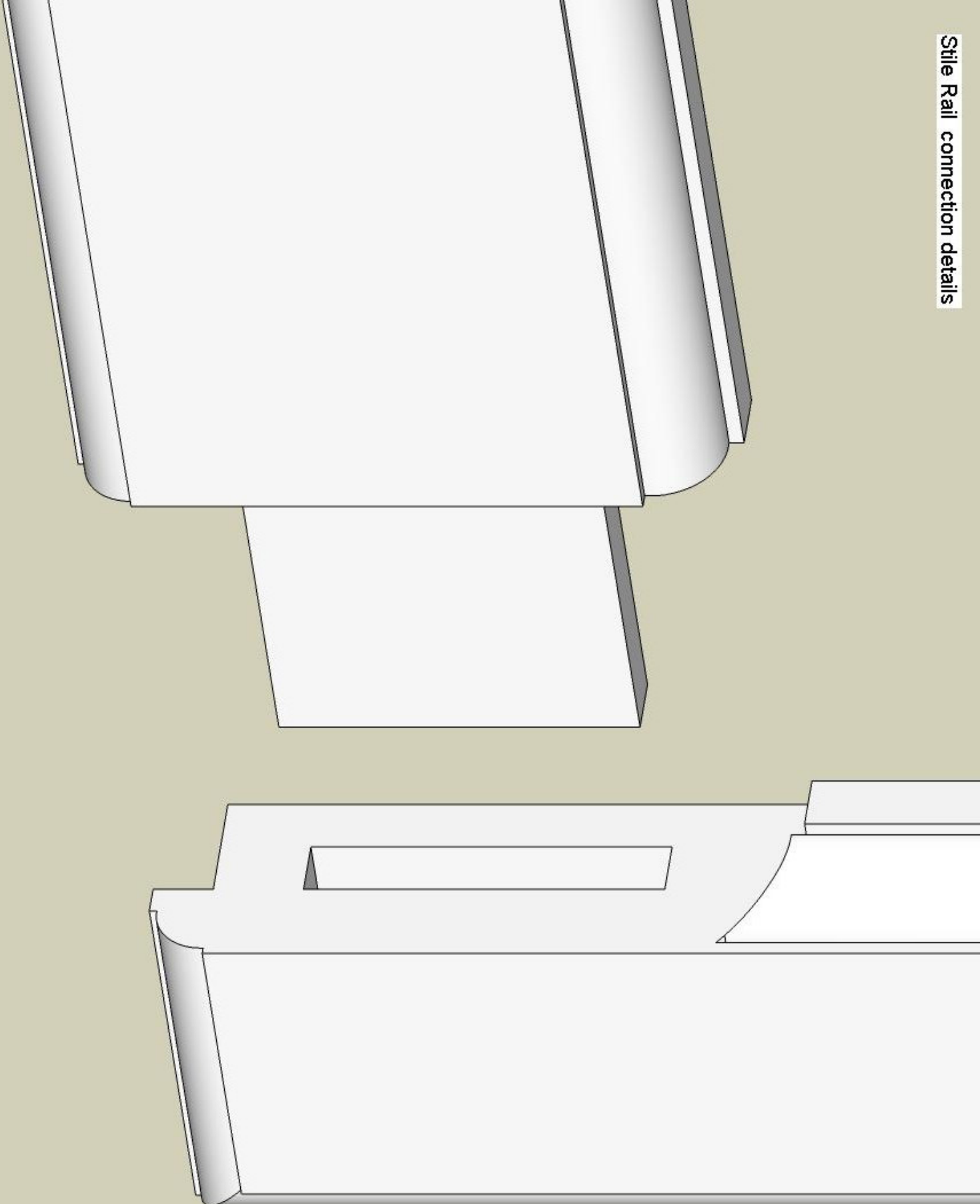
Upper Cabinet door

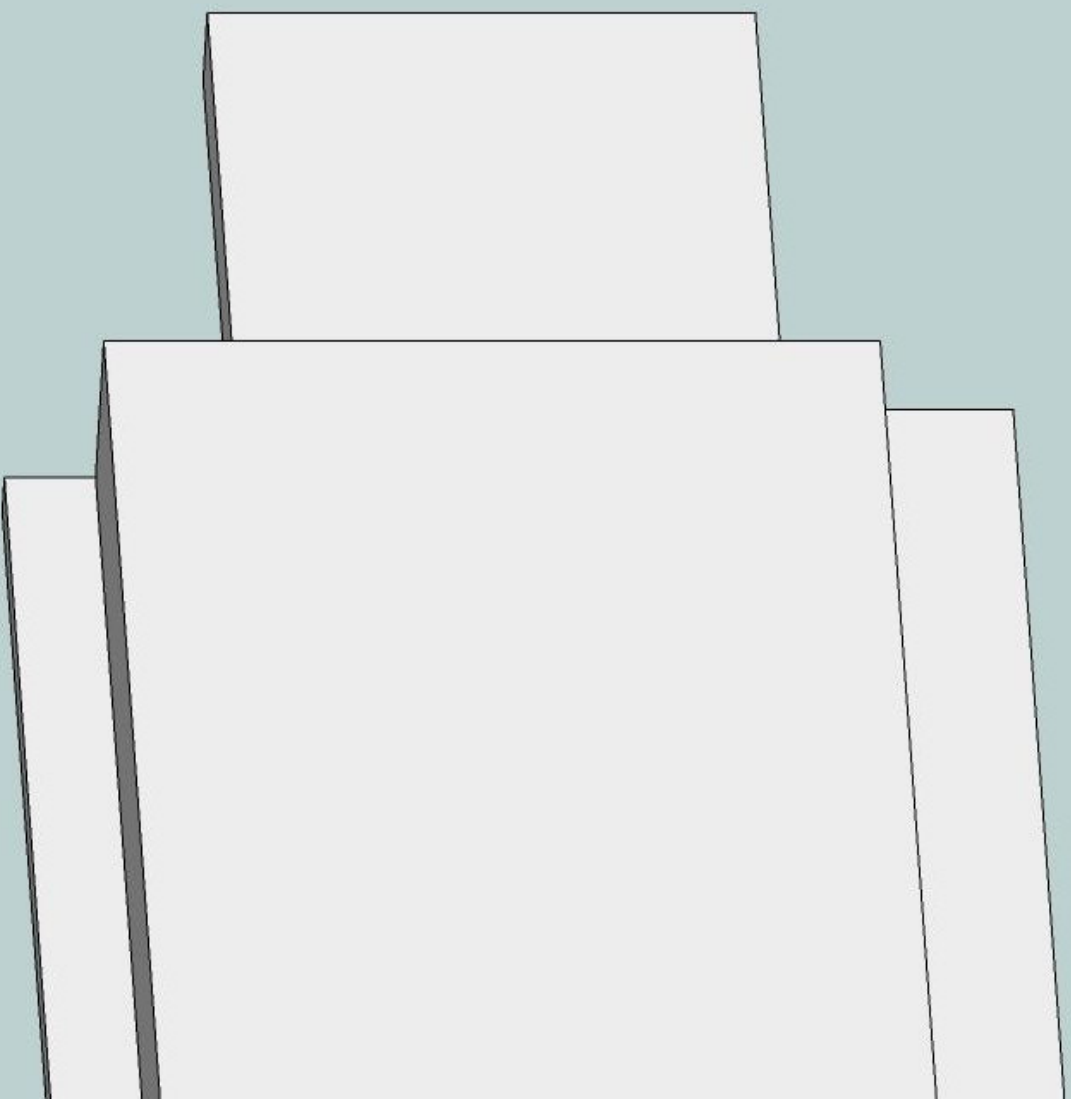
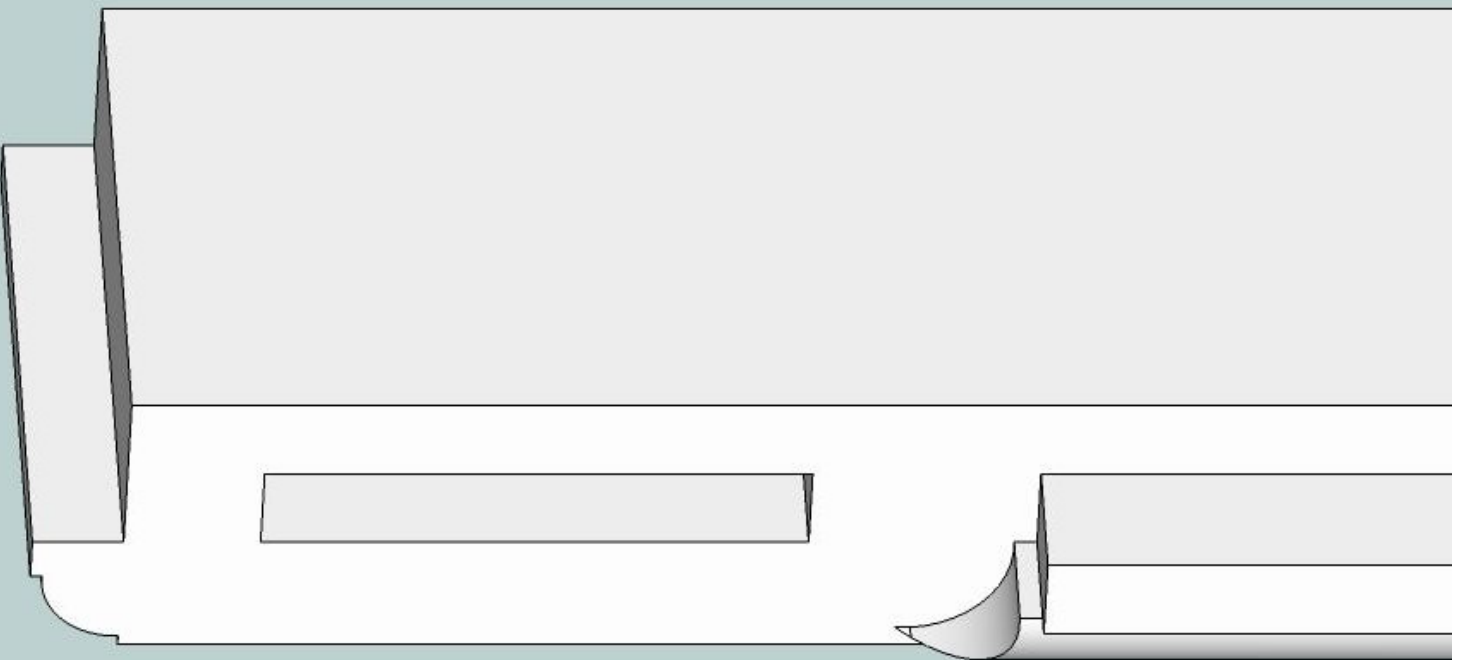


Lower Cabinet door

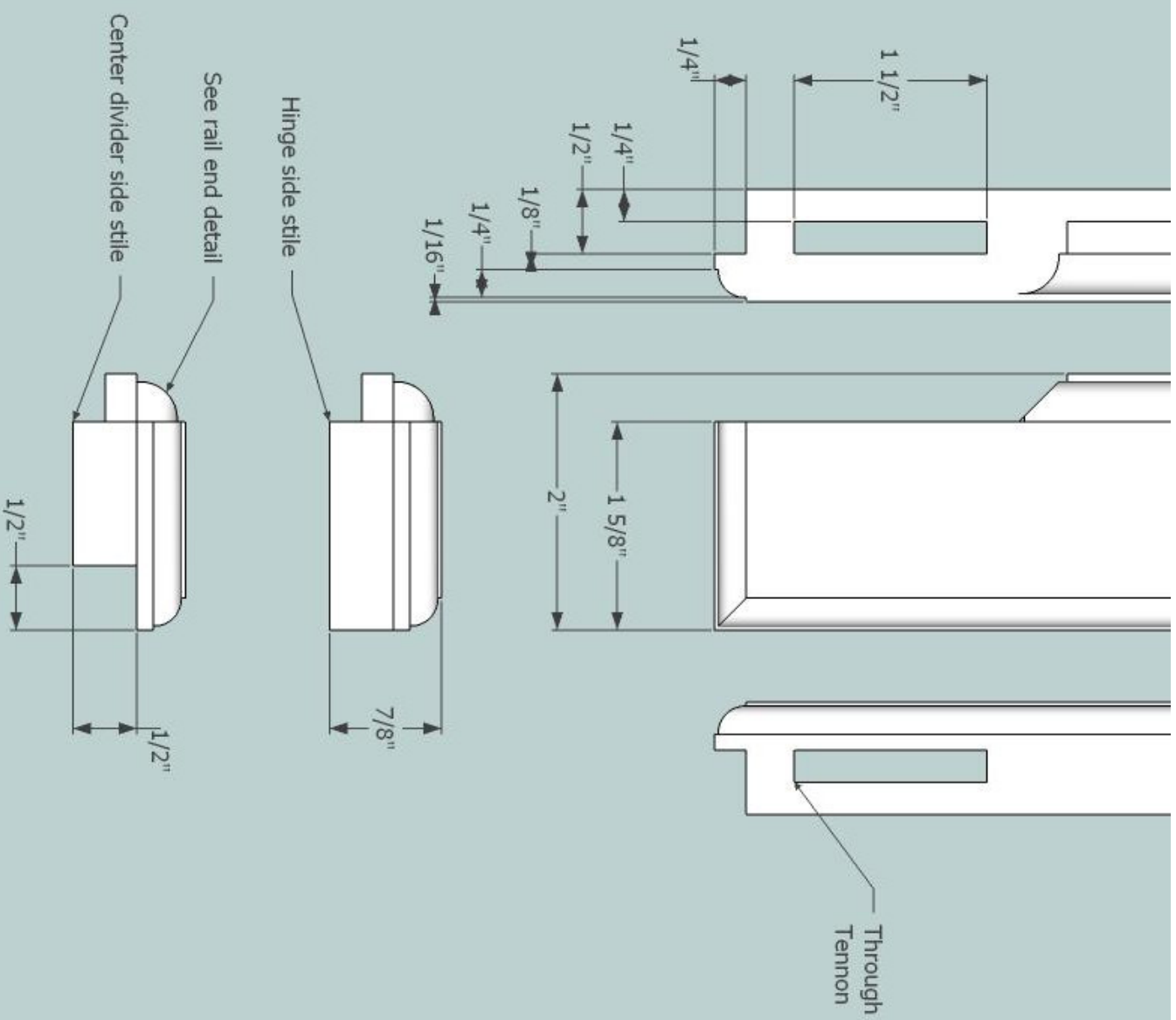


Stile Rail connection details

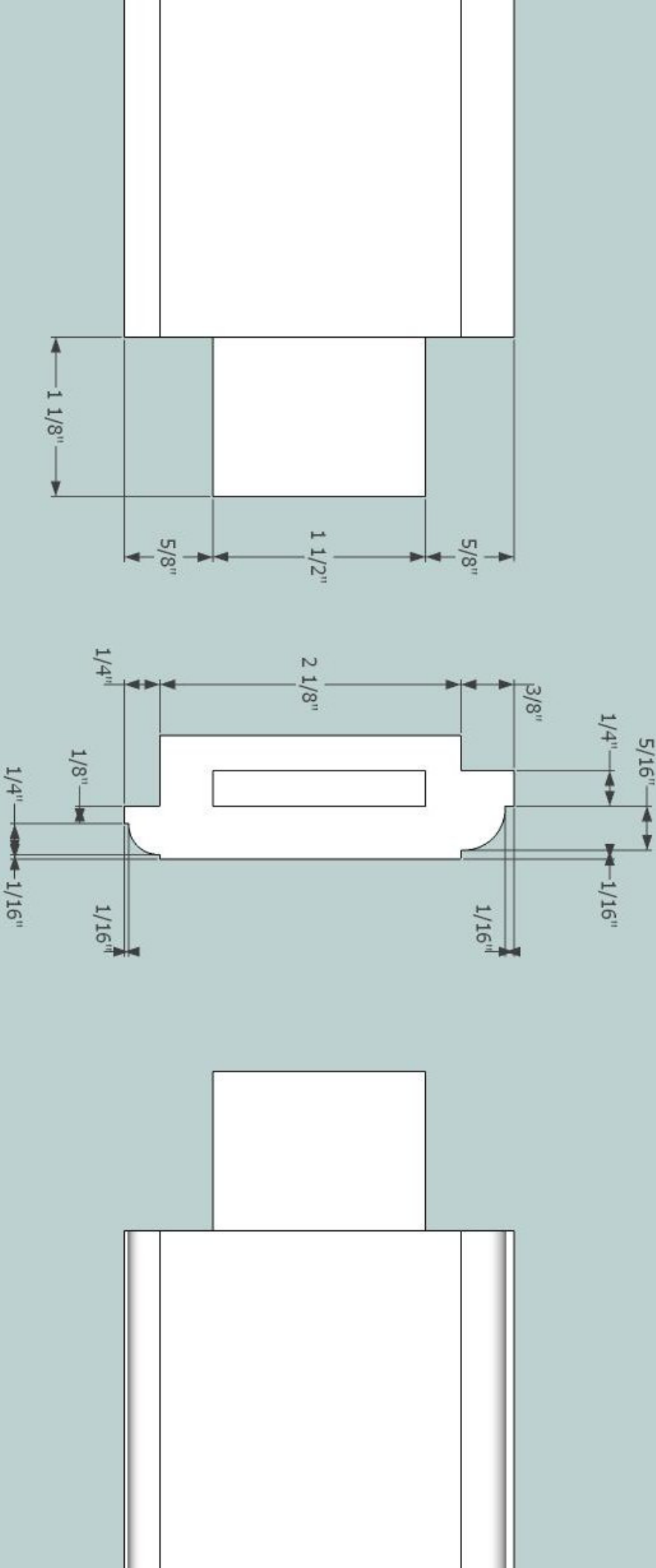


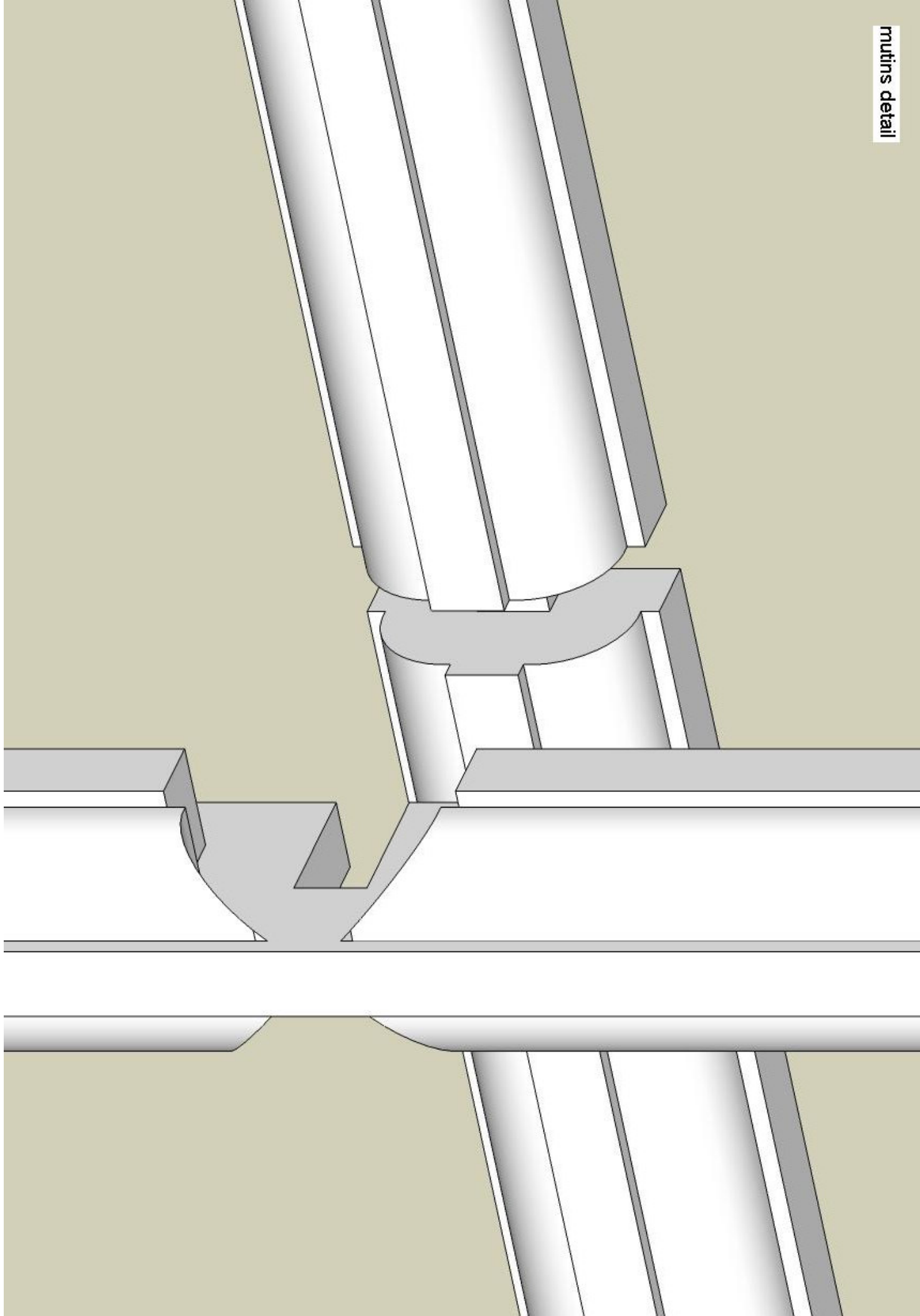


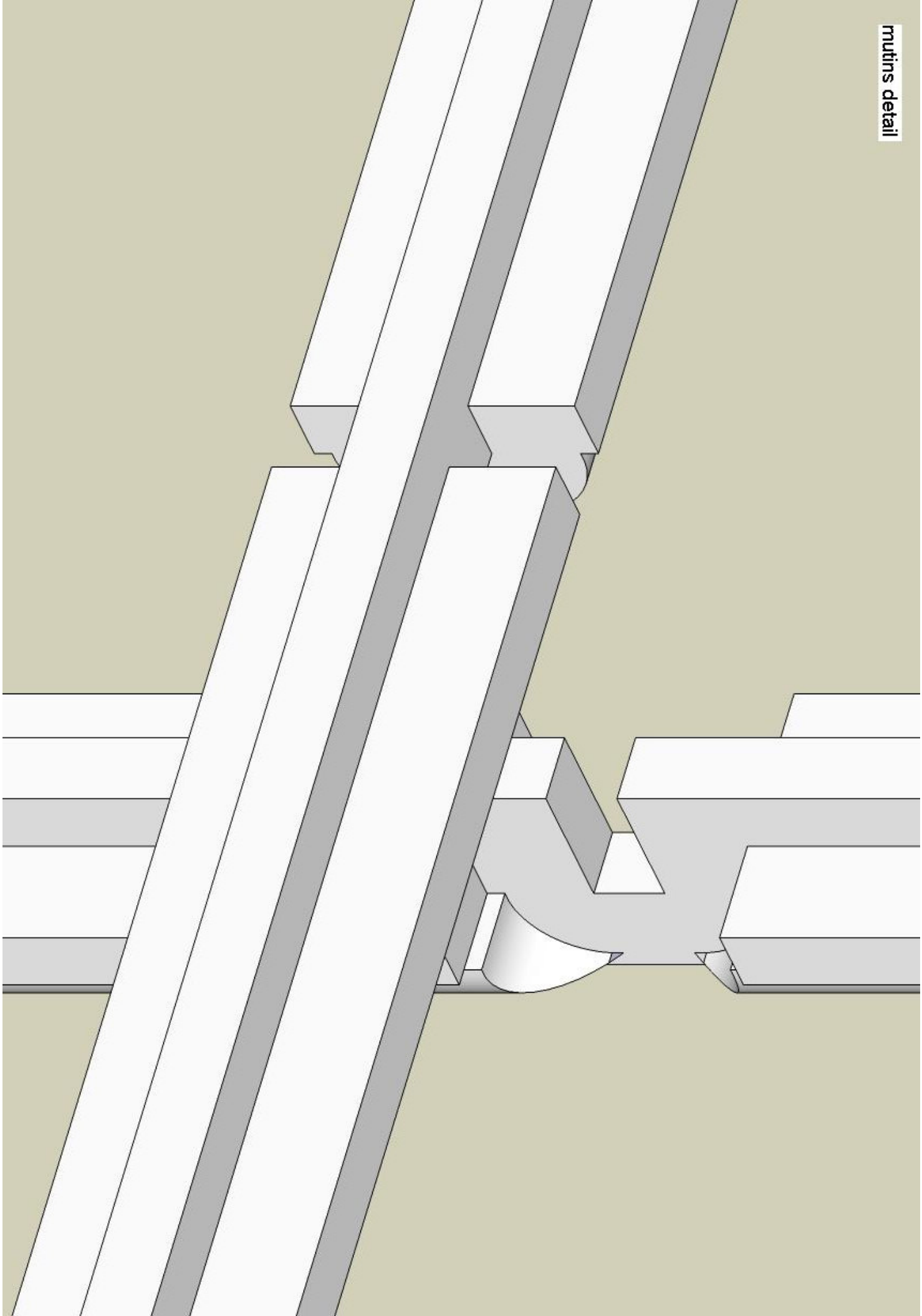
Stile details



Rail Detail

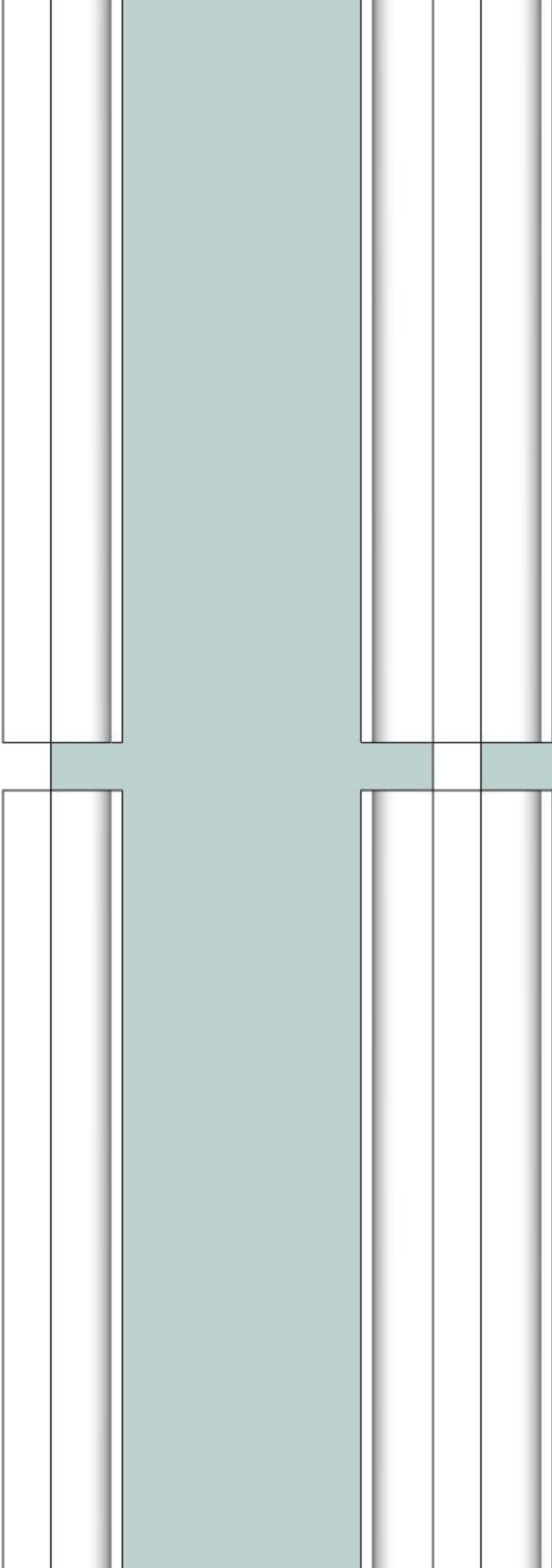






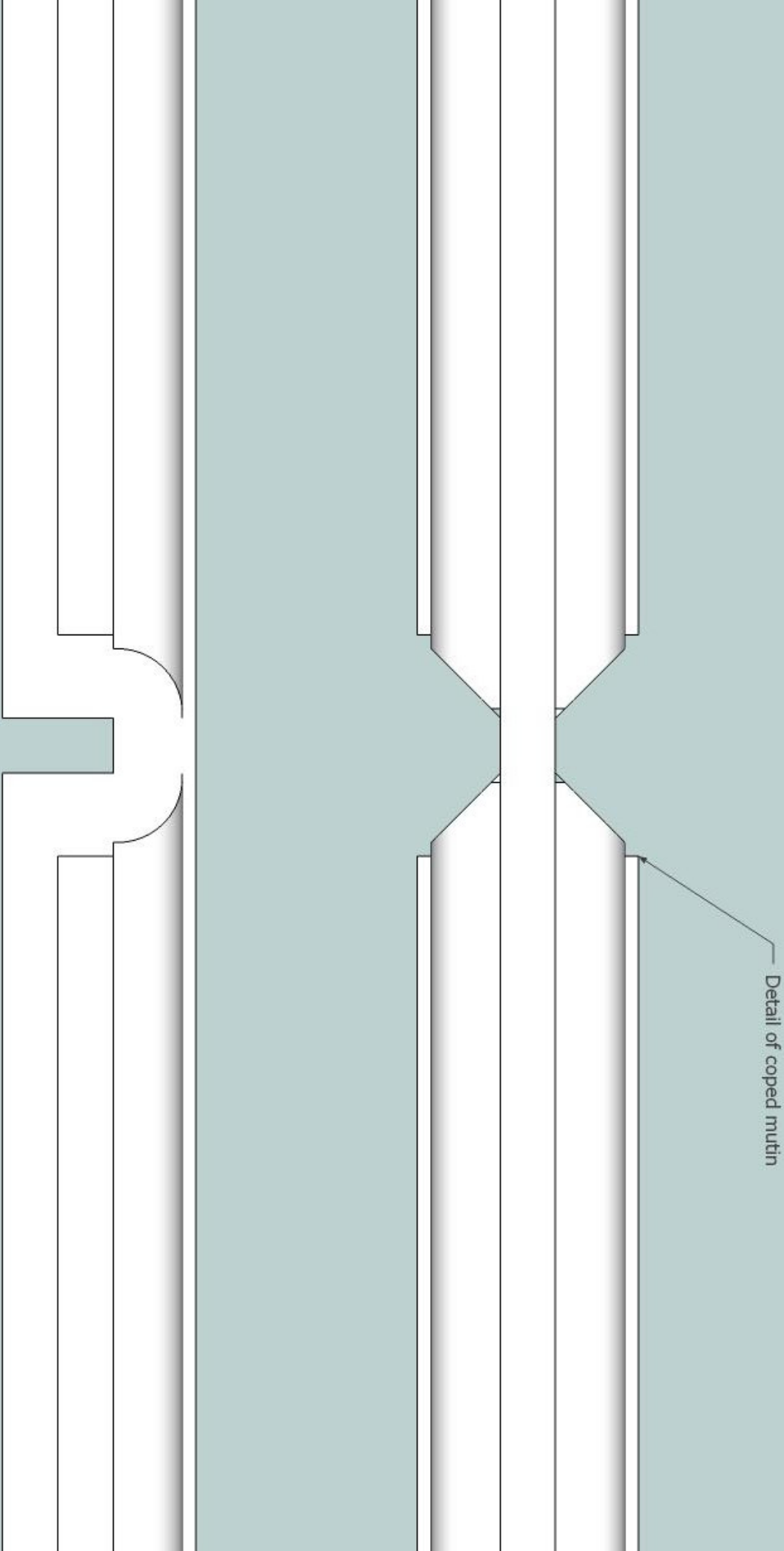
Lapped Mutins Detail

Detail of lapped mutin

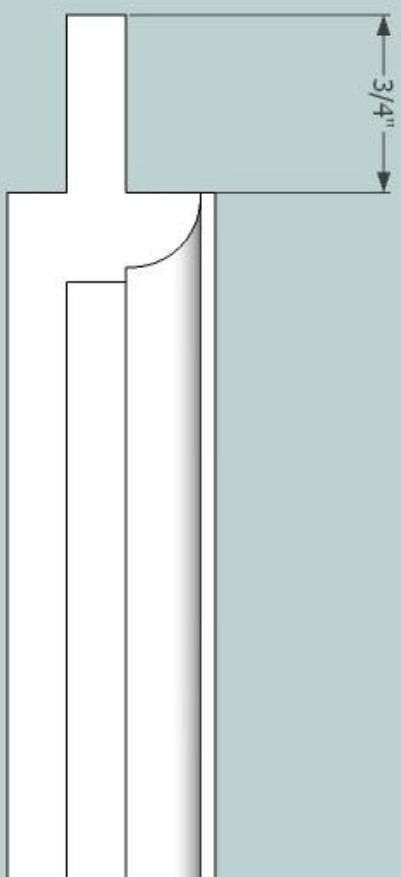
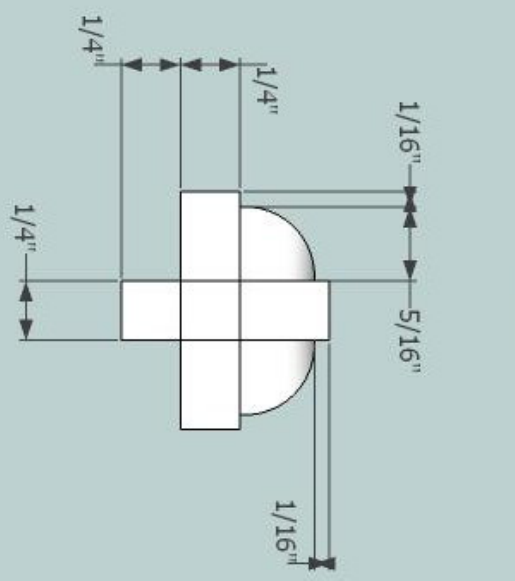


Coped Mutins detail

Detail of coped mutin

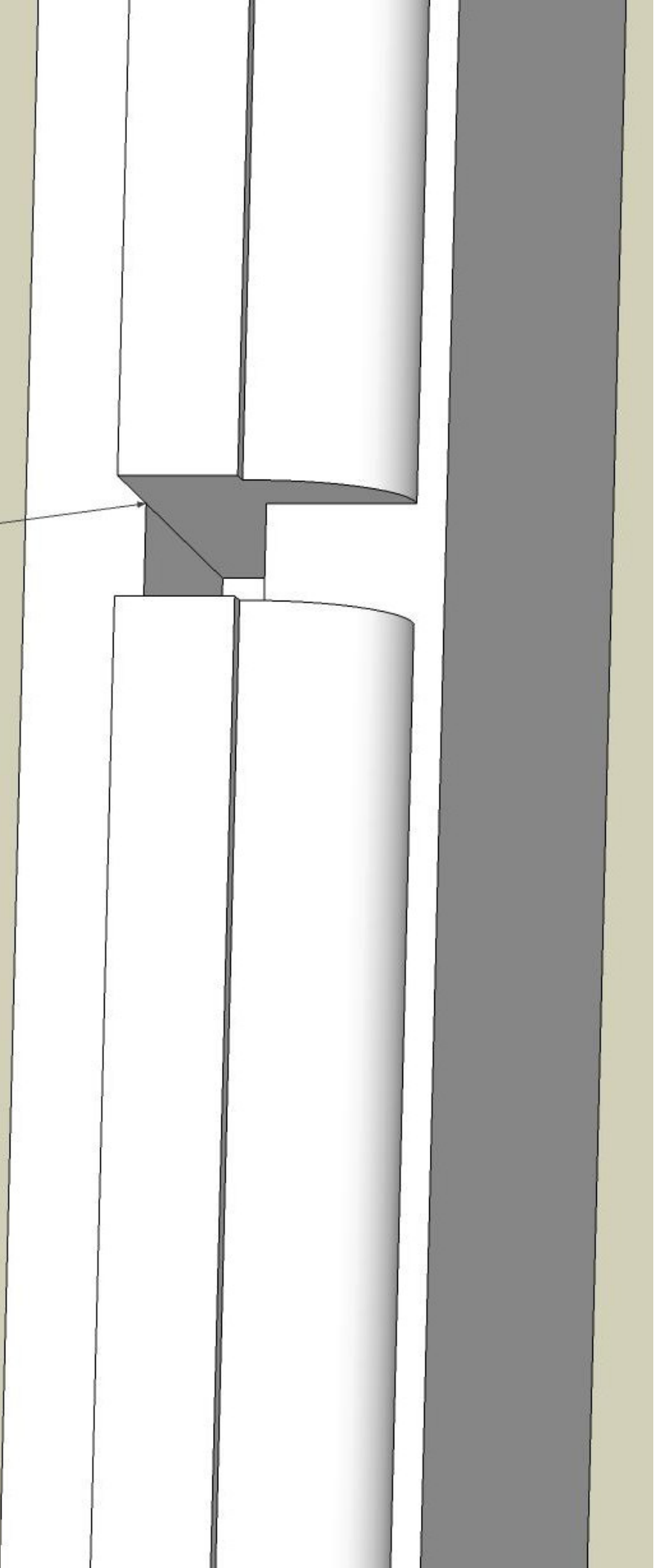


Mutins End Detail

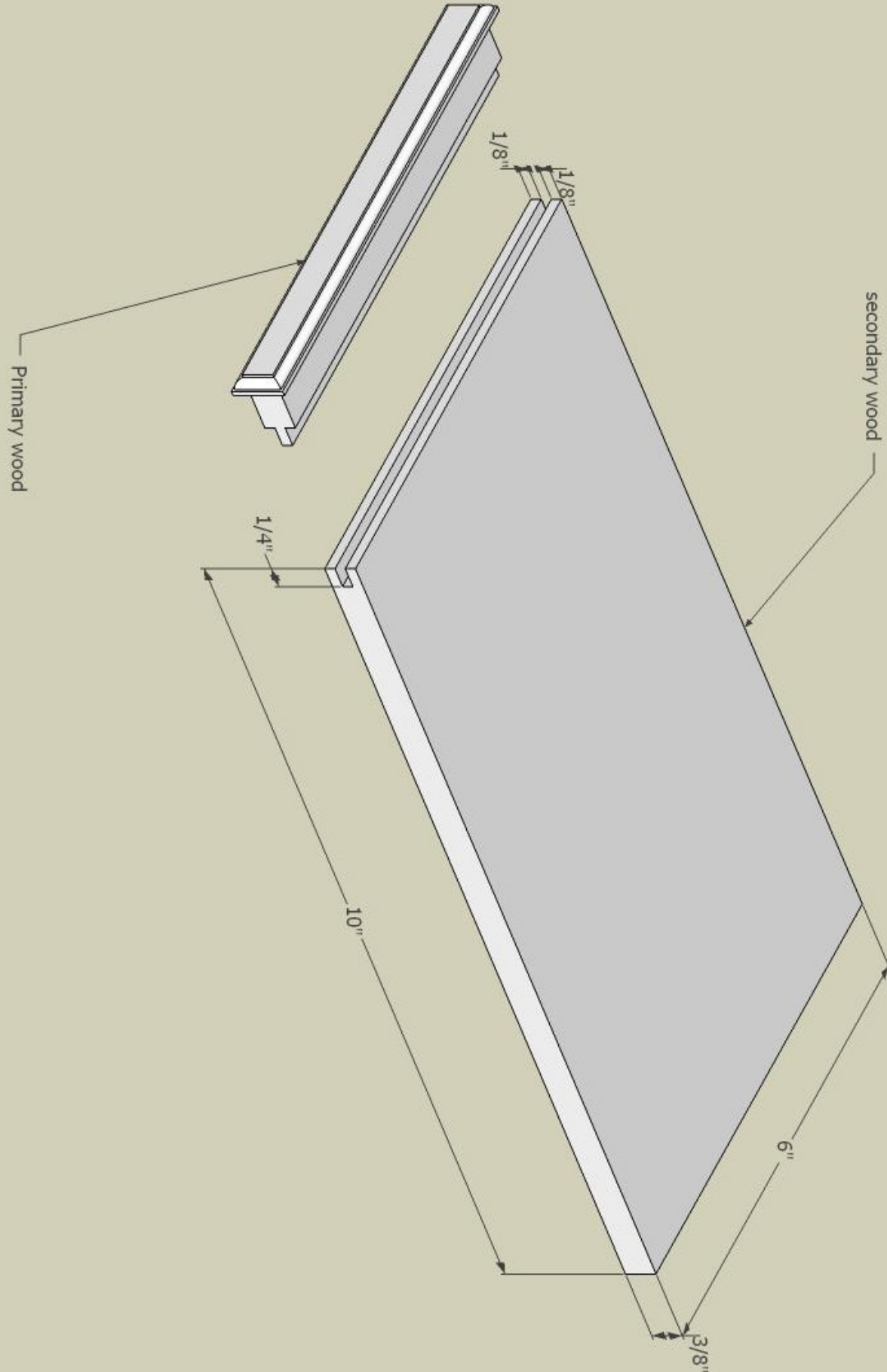


Stile/Rail Muntins Mortise

1" deep 1/4" square mortise



Candle Slide



Candle Slide Front

