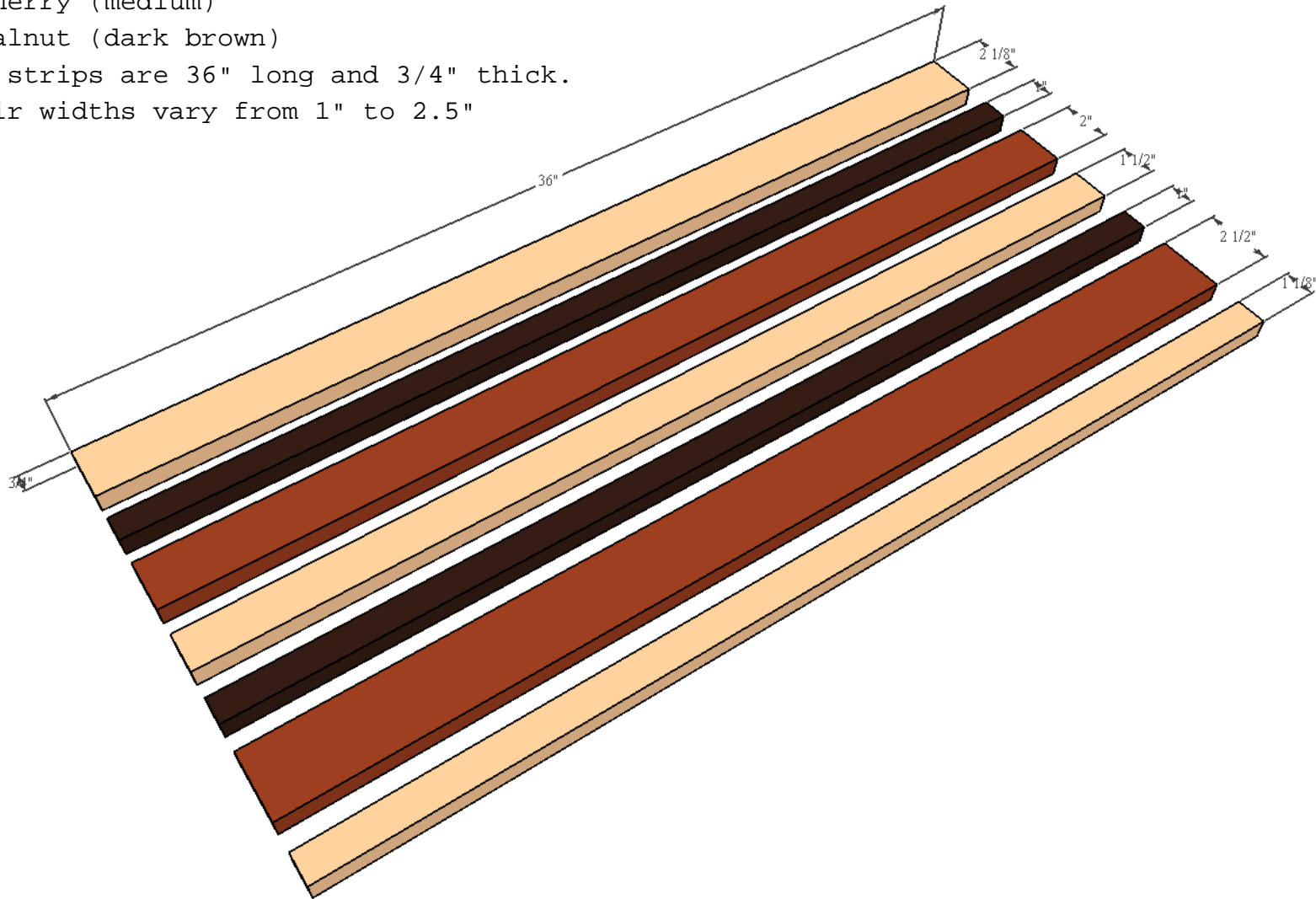


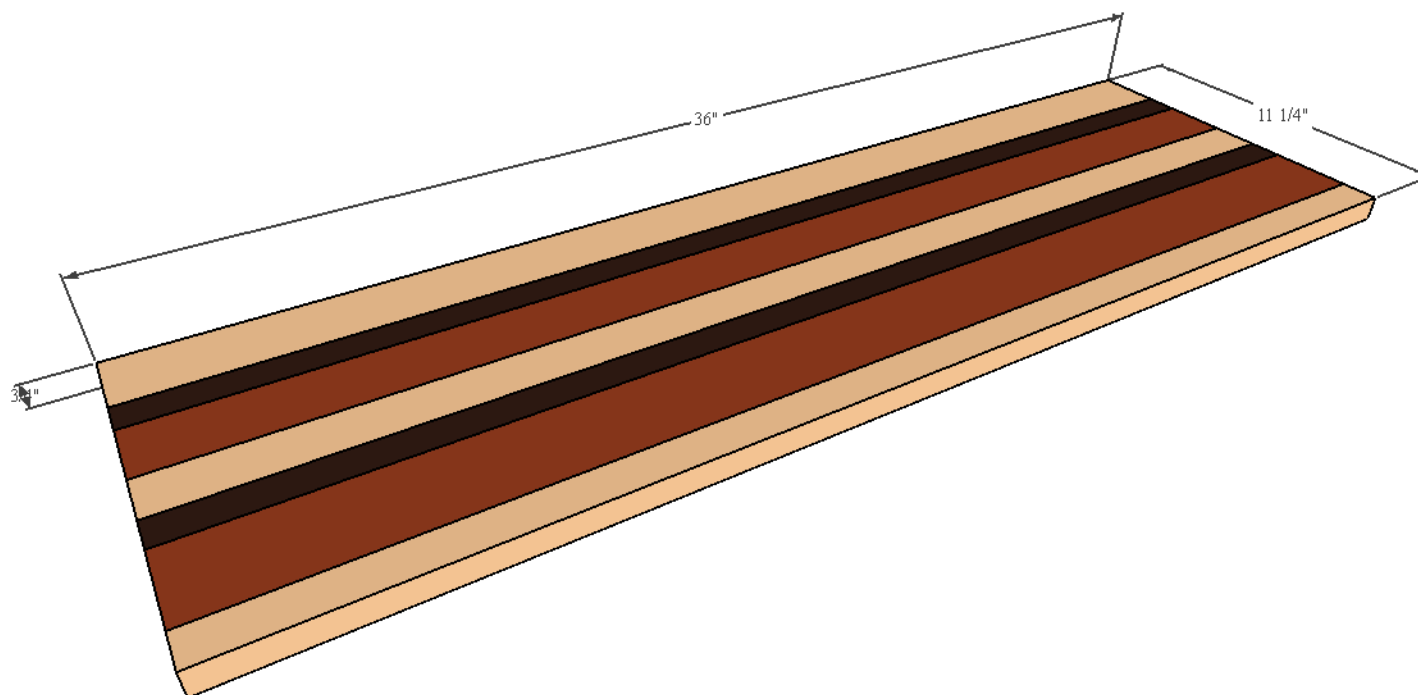
Step #1:

- Cut seven (7) strips from three different types of wood.
- The types are:
  - Maple (lightest)
  - Cherry (medium)
  - Walnut (dark brown)
- The strips are 36" long and  $\frac{3}{4}$ " thick.
- Their widths vary from 1" to 2.5"



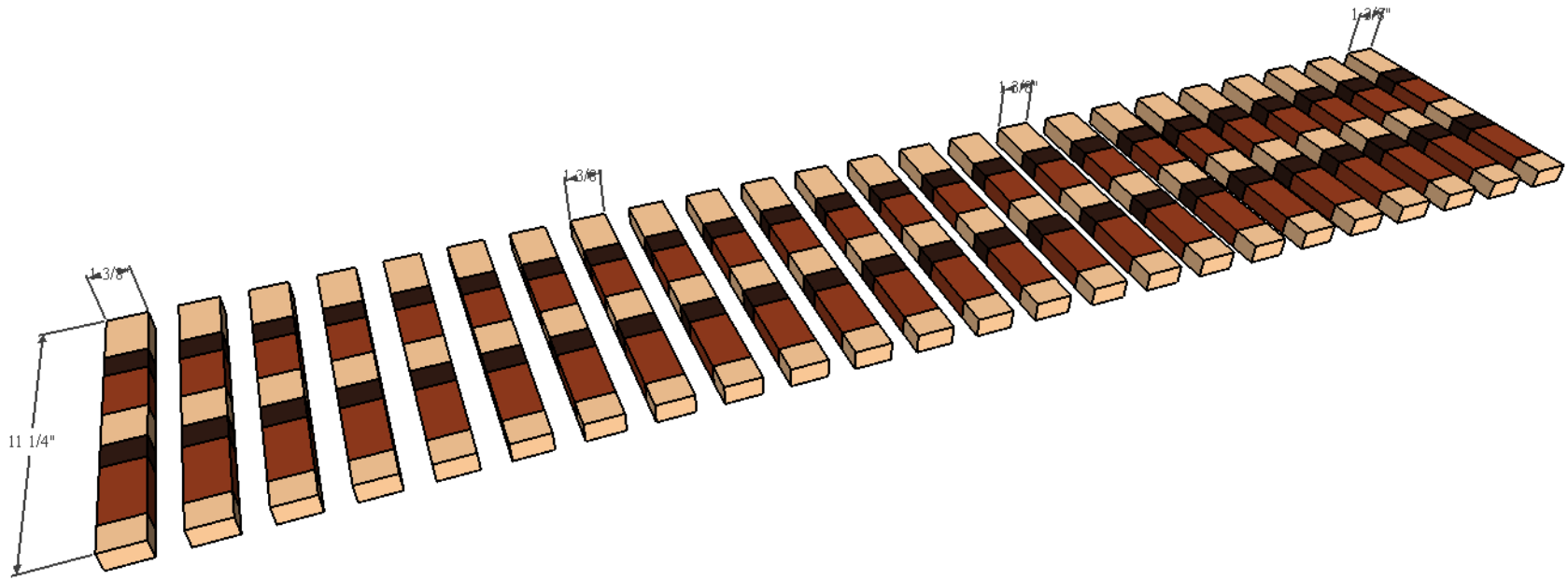
Step #2:

- Glue the seven strips together to form a single "panel".
- The panel's dimensions are: 11.25" x 36" x 3/4".
- Use a food-safe, waterproof wood glue such as "Titebond III".
- Clamp and leave overnight.



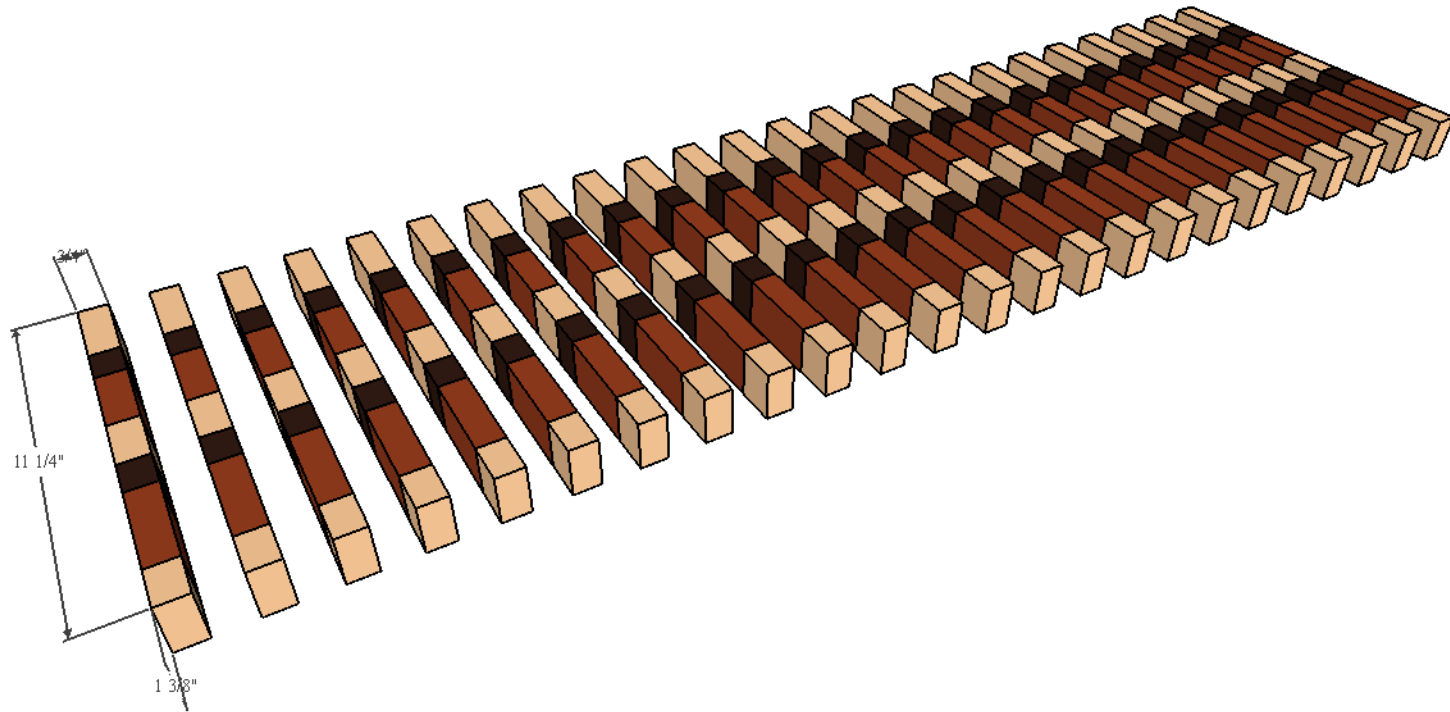
Step #3:

- Cut the panel (from the previous step) into equal-sized pieces.
- As in the picture below, the panel is cut into 24 pieces, each piece is 1.375" wide.
- A cut is made every 1.5". Since the saw blade thickness (kerf) is 0.125", the resulting 24 pieces were each 1.375" wide.



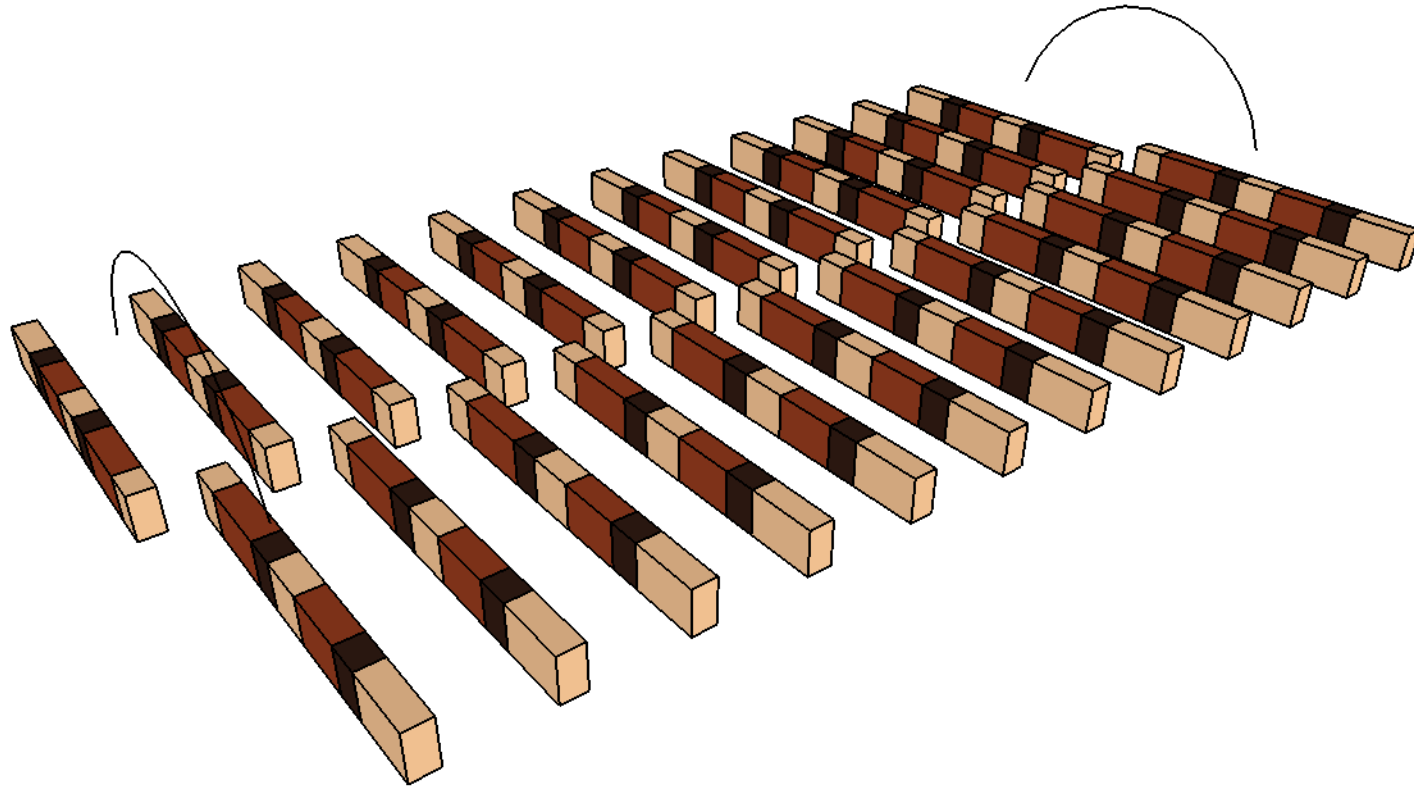
Step 4:

- Turn each of the 24 pieces on its side.
- You should now have 24 pieces that are  $\frac{3}{4}$ " wide and 1.375" tall.
- At this point, only "end grain" should be facing upward.
- An end grain piece should be 11.25" long and  $\frac{3}{4}$ " wide (measured from above).



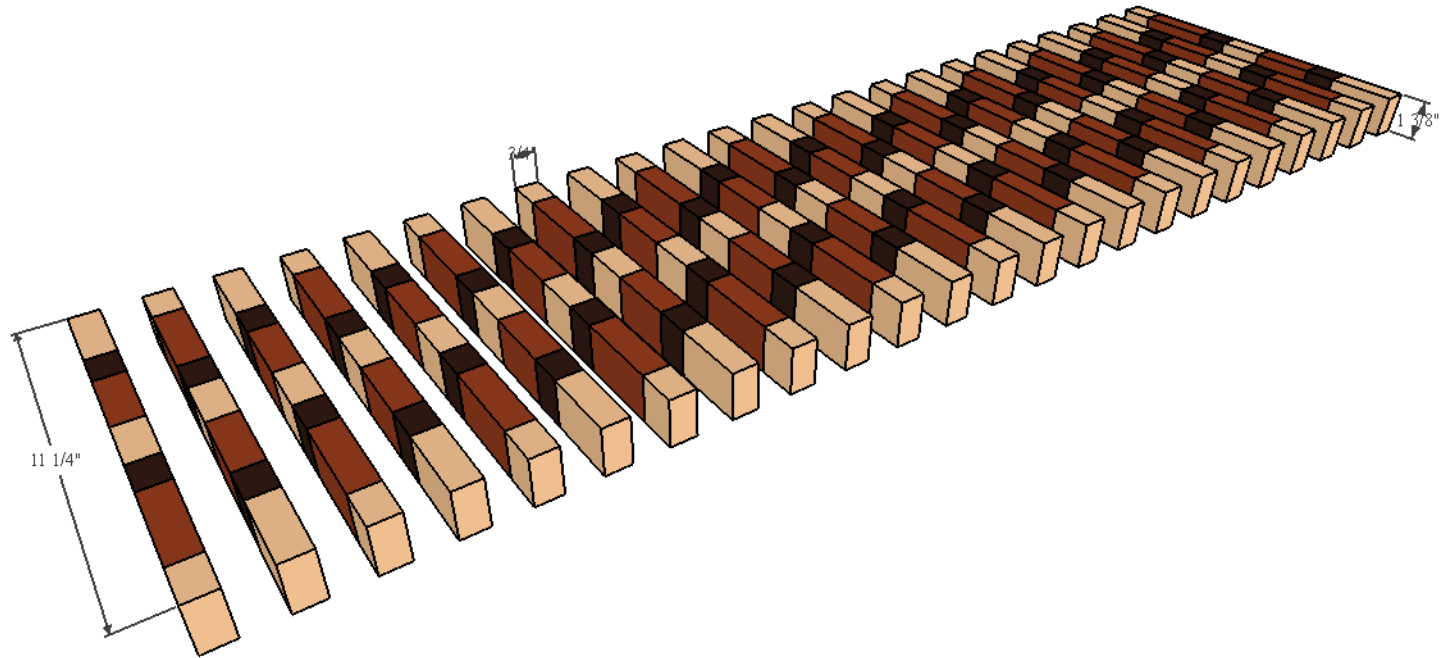
Step 5a:

- Turn every other pieces 180 degrees (end over end).



Step 5b:

- Align all 24 pieces.
- Pieces 1, 3, 5, 7, ... 21, and 23 should look similar.
- Pieces 2, 4, 6, 8, ... 22, and 24 should look similar to each other and different from the odd-numbered pieces.



Step 6:

- Glue the 24 pieces together.
- This is the second, and final, glue-up.

