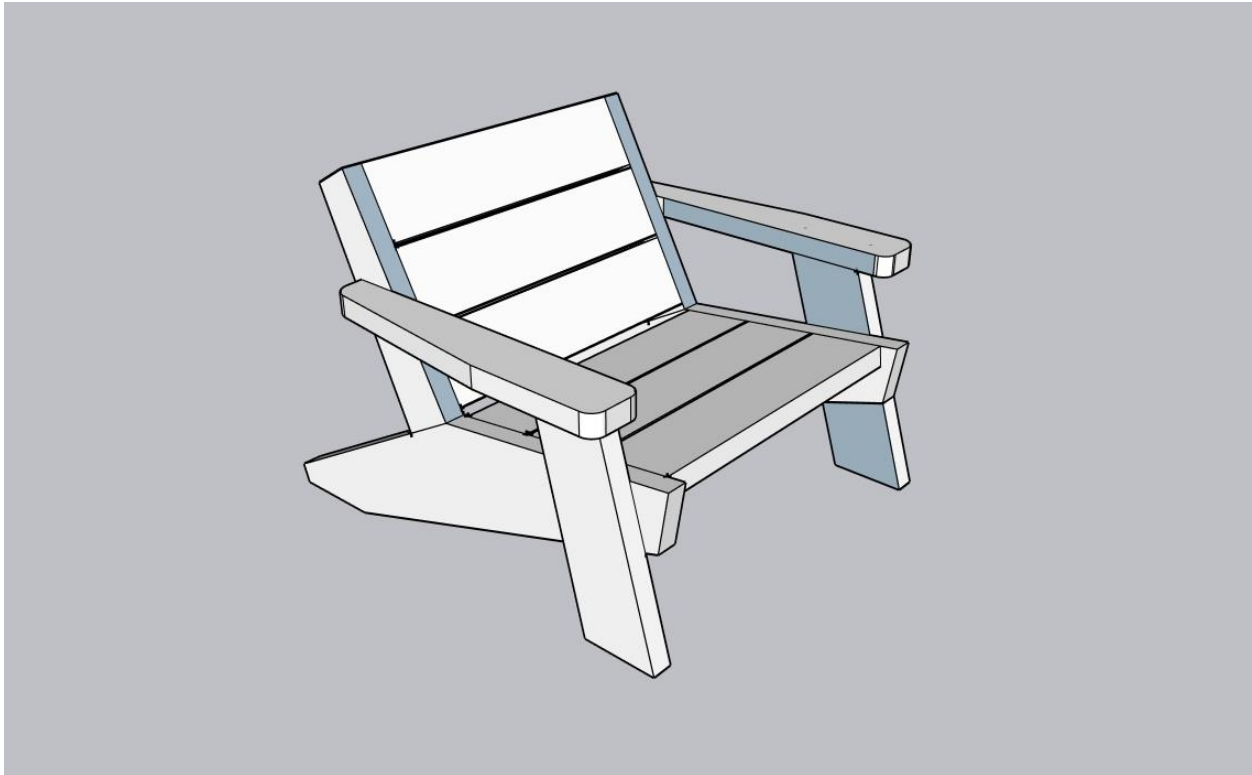


Low Boy Adirondack Chair

Plans



- **The plan was made using dimensional lumber, but specific measurements are detailed.**
- **All dimensions are approximate +/-**

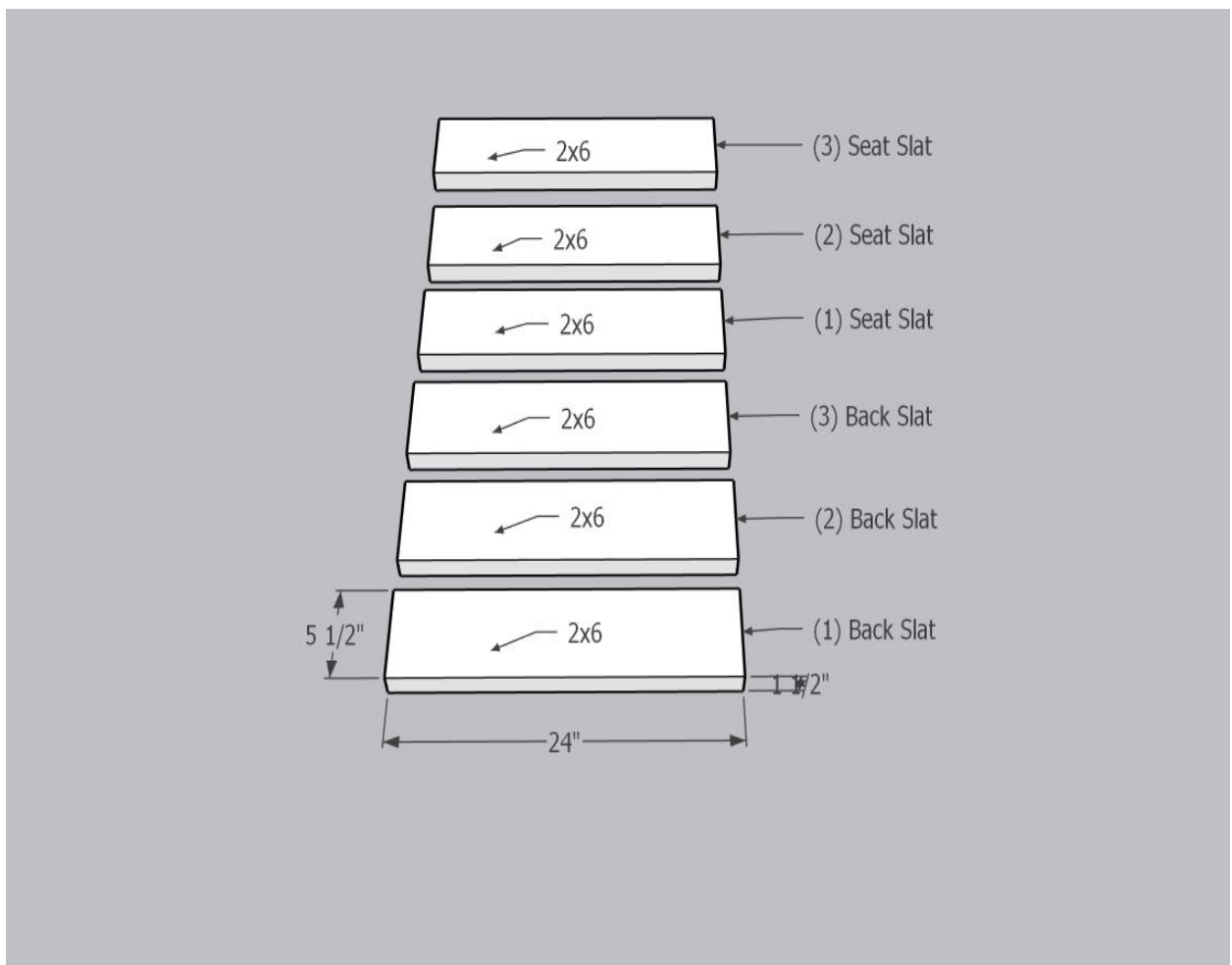
Lumber List:

- 1. 2x6x8 = 5 pieces +/-**
- 2. 2x8x8 = 1 piece +/-**

Step 1:

Cut Bottom seat slats and Back slats

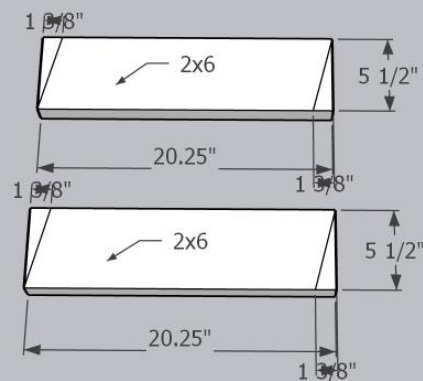
- 1. Using 2x6 dimensional lumber, cut 6 boards 23.25" long by 5.5" wide**
- 2. 3 boards will be for the seat bottom**
- 3. 3 boards will be for the back support**



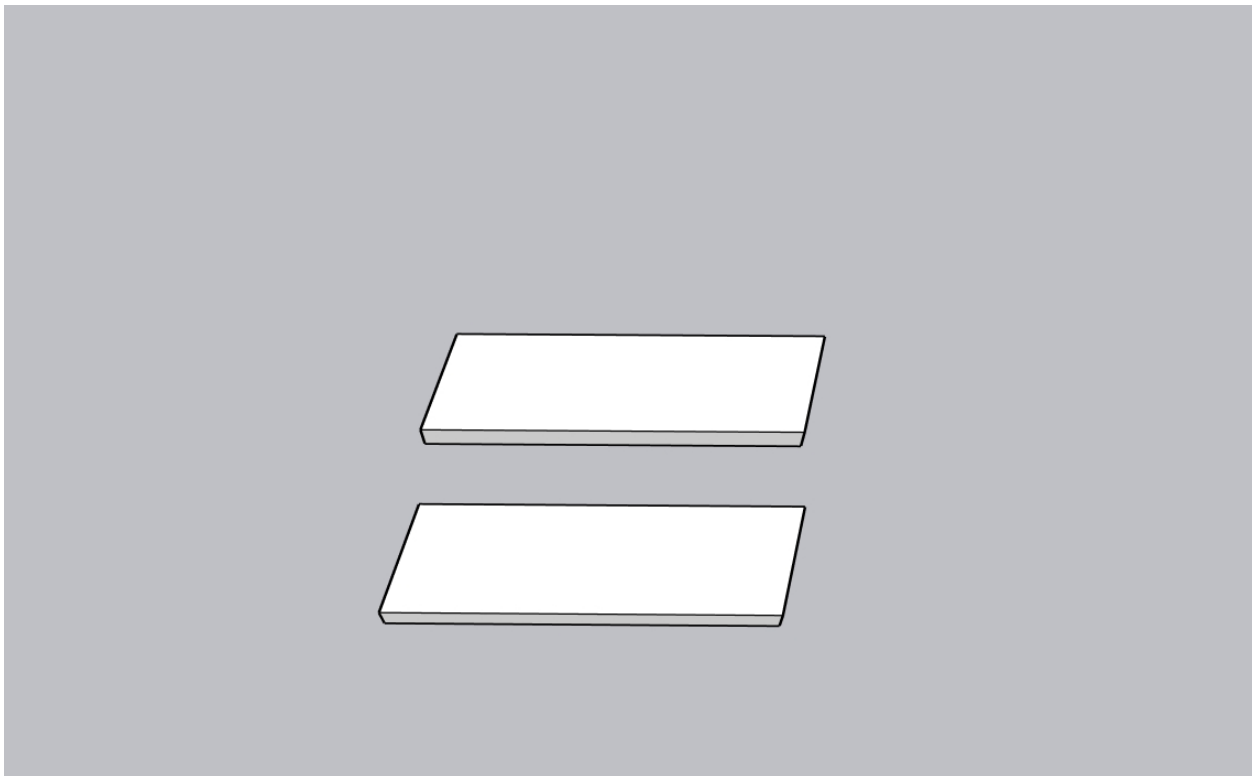
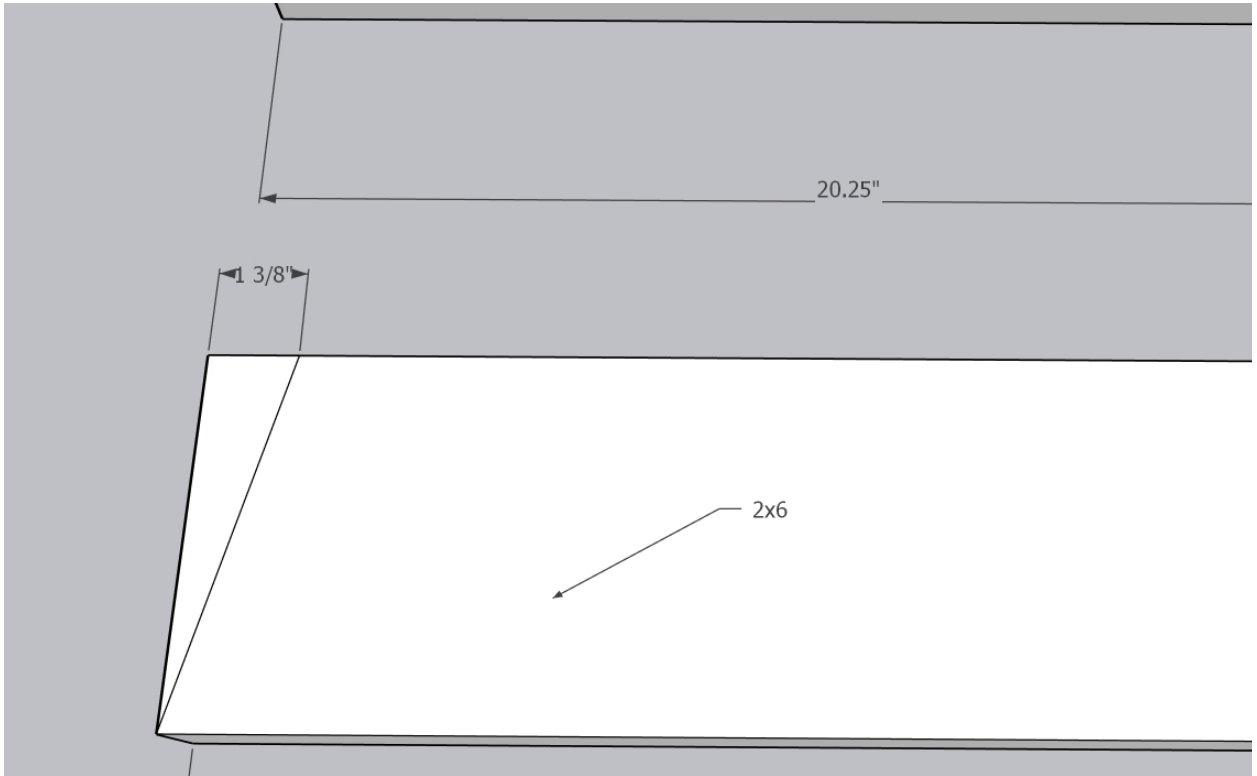
Step 2:

Cut Legs (2 sets)

1. Using 2x6 dimensional lumber, cut 2 boards 20.25" long, by 5.5" wide
2. Next, cut angles on top and bottom of each board (see drawing for figuring out the angle of the cuts) For example, measure off 1 3/8" for the offset on angle



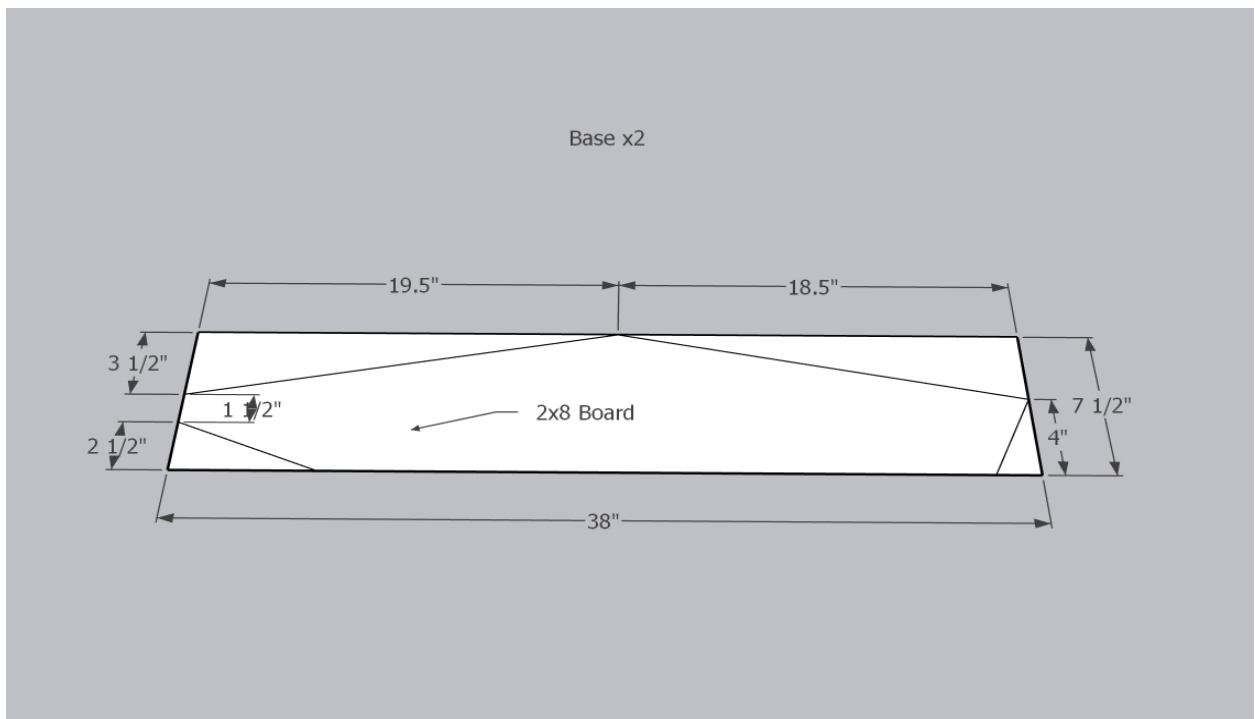
Continued... Close up Images



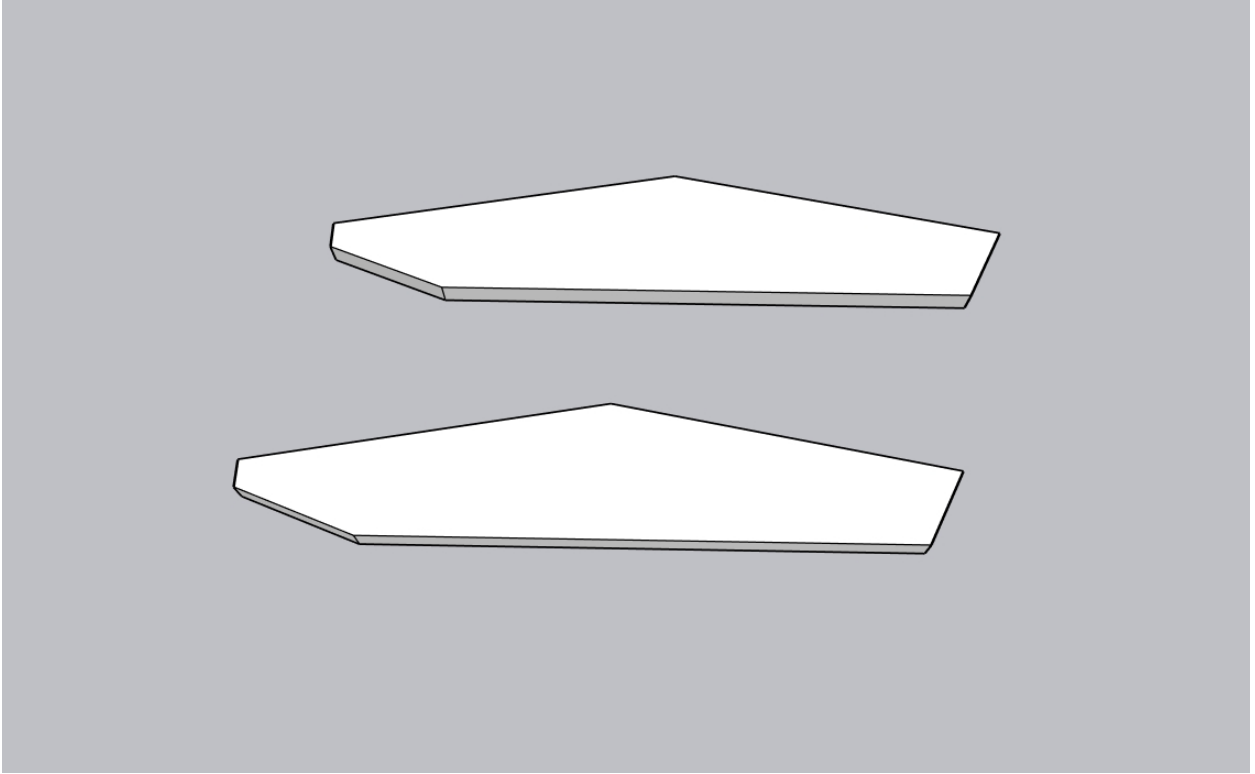
Step 3:

Cut Chair Base (2 pieces)

1. Using 2x8 dimensional lumber, cut the board 38" long, by 7.5" wide (Repeat for 2 boards)
2. Cut the angles needed (see images for measurements of off set angles)
3. Image is orientated so that the right side is the front and the left side is the rear of chair
4. On the right side (front of chair) the offset angle is 4" up and measure 2" from the corner going left to determine the angle of the front of the chair
5. On the left side (Rear of chair) the offset angle is 2.5" up and measure 6.5" from the corner going right to determine the angle of the chair bottom



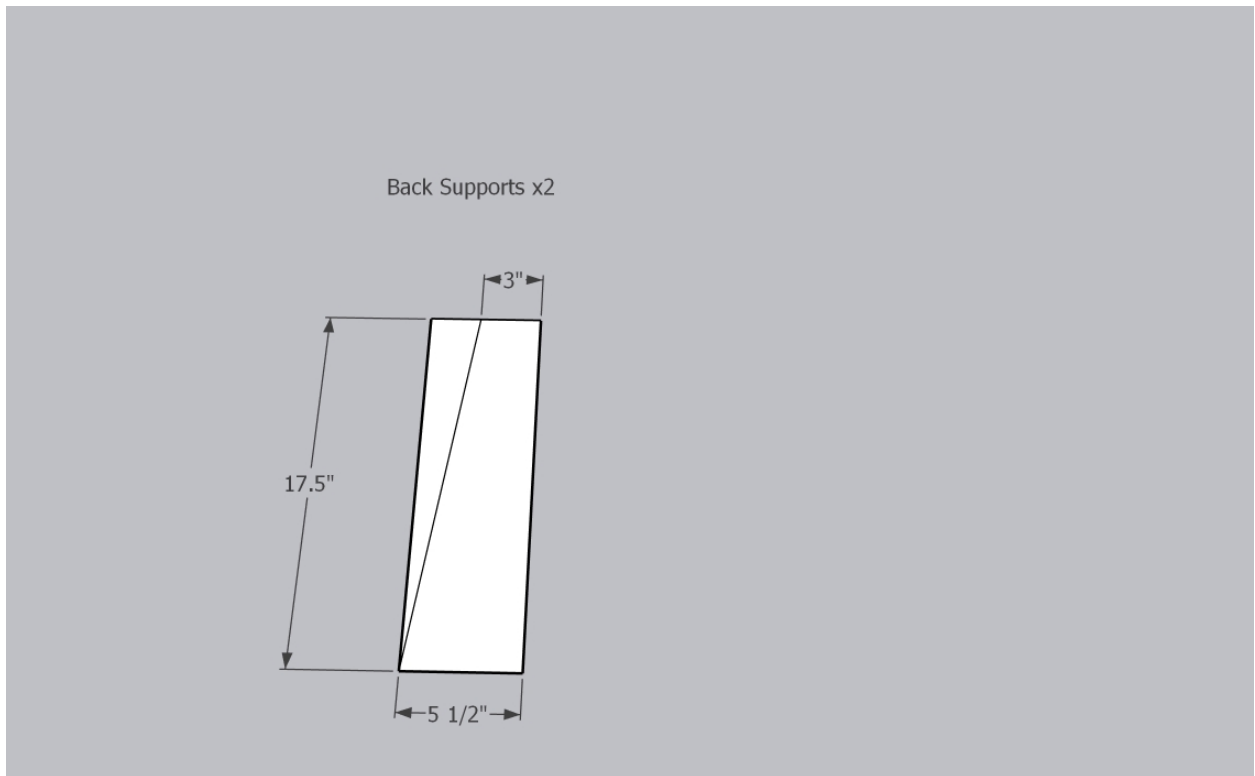
Continued... with a close up of how the two boards should appear after the cuts are made



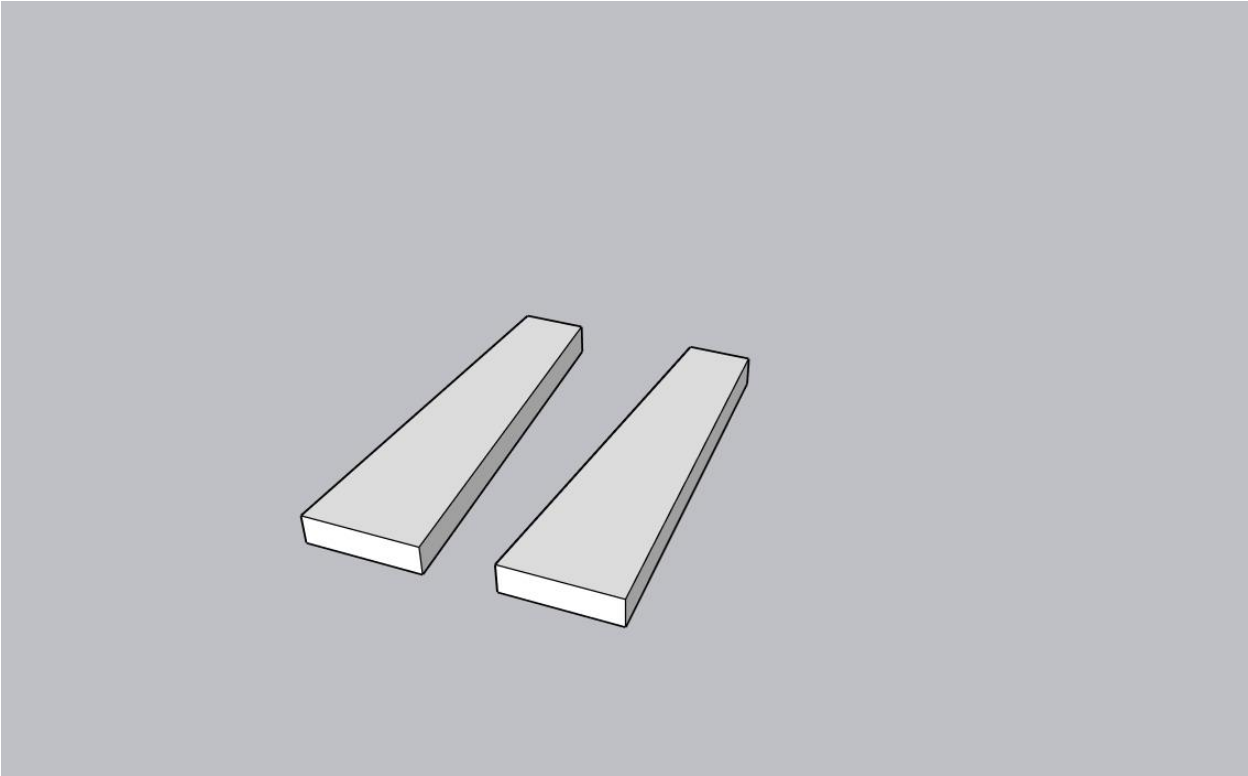
Step 4:

Cut the back brace support (2 boards)

1. Using 2x6 dimensional lumber, cut the board 17.5" long, by 4.25" wide
2. Cut 2 boards but change the orientation of the boards (see image for reference and for the measurements of the offsets for the angles needed).
3. The angled cut side is the rear for the support and the right side that doesn't get cut will face the front of the chair



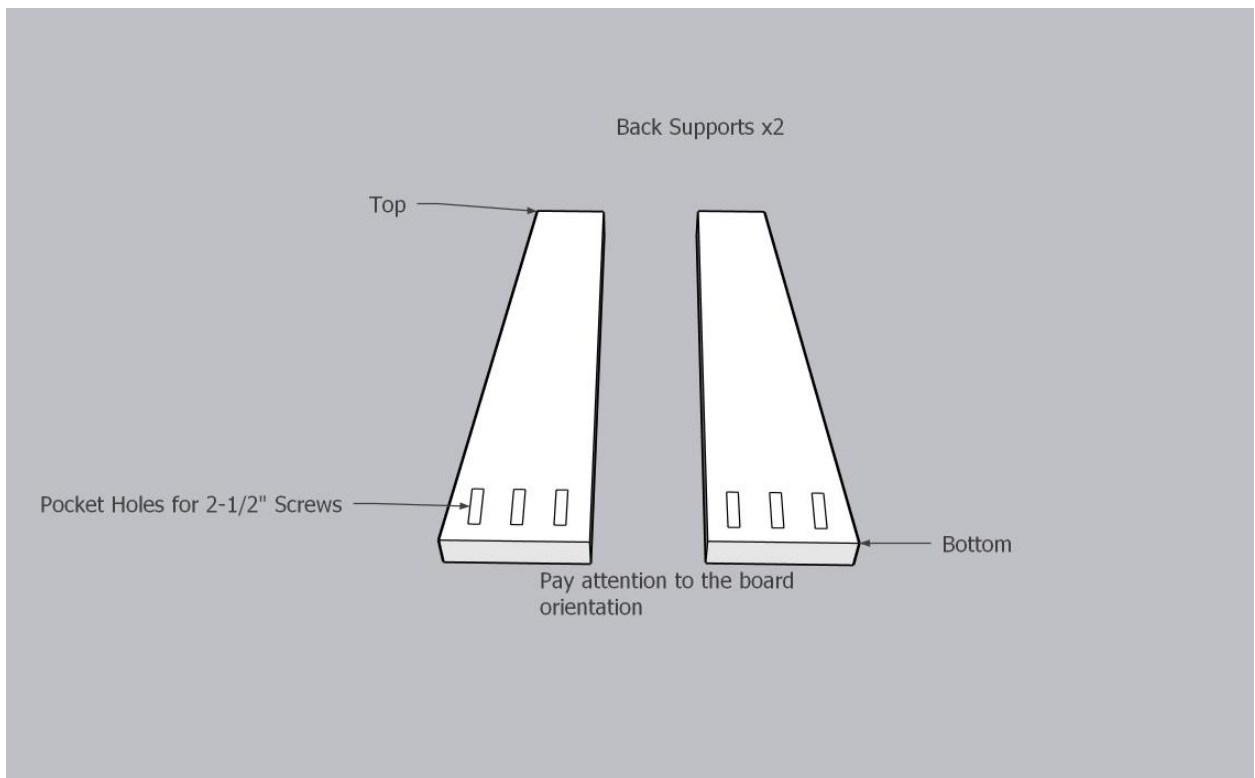
Continued... image of the two boards after the cuts were made



Step 5:

Drill Pocket Holes using a Kreg Jig or similar product

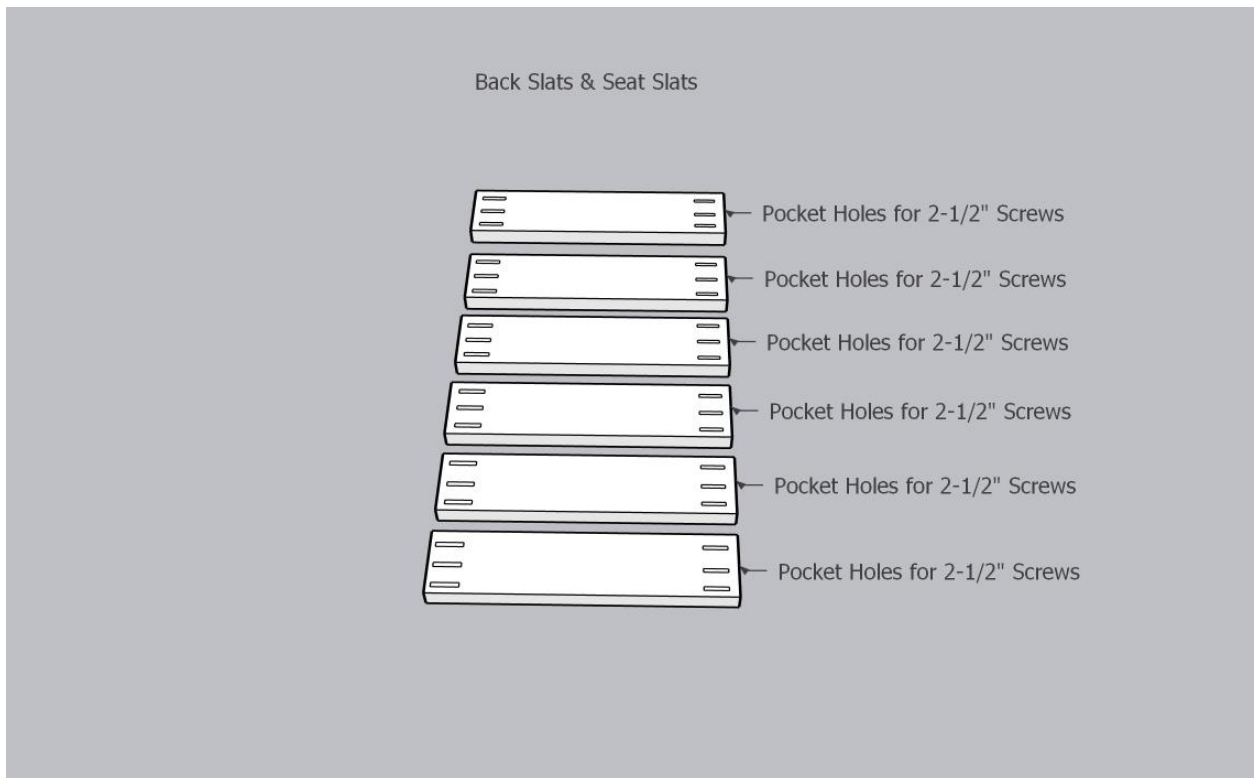
- 1. The holes should be for 2 ½” long outdoor coated screws**
- 2. Offset the kreg jig accordingly.**
- 3. Take note of the orientation of both boards as the pocket holes will be on the inside portion of the chair so that they won't be visible when looking at the chairs from the front**



Step 6:

Drill Pocket Holes for all 6 slats

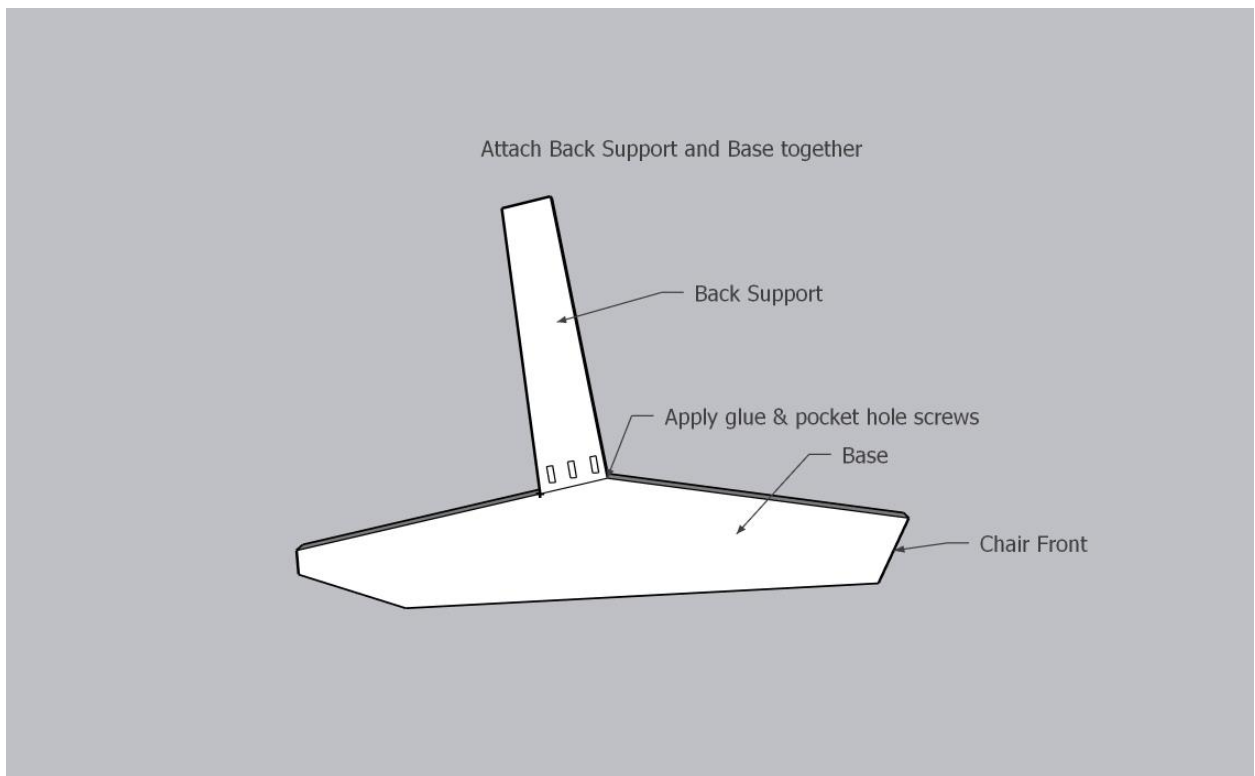
- 1. Pocket holes will be for 2 1/2" long outdoor screws (stainless or coated for outdoor purposes)**
- 2. Repeat this step for both sides of each plank**
- 3. See image for reference**



Step 6:

Attach Back Support to the Chair Base

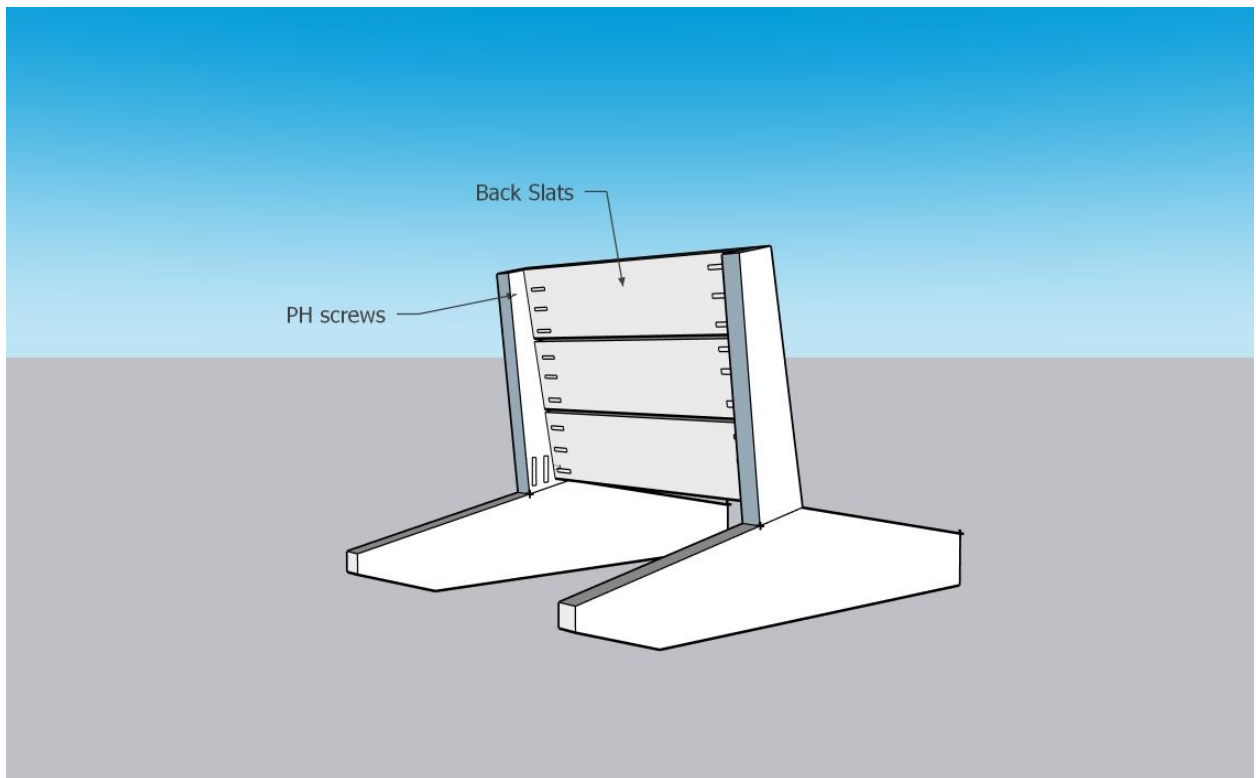
1. See image for reference
2. Use titebond 3 adhesive for outdoor purposes or similar product
3. Apply glue to the plank and attach with 2 ½” screws
4. Repeat this step while making sure to flip the board orientation so that the pocket holes will be on the inside portion of the chair.
5. Read through the Plans completely before doing this step for reference.



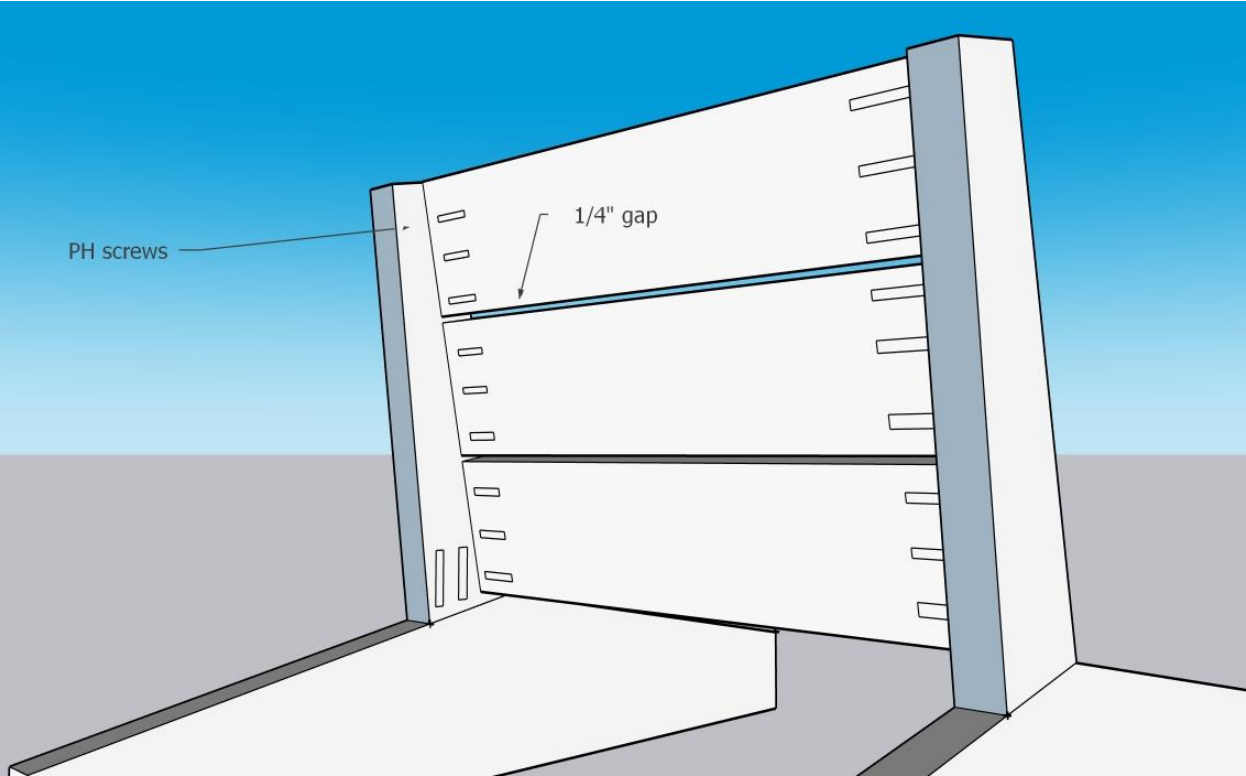
Step 7:

Attach Back Slats

- 1. Attach all 3 back slats to the back support**
- 2. Use outdoor rated adhesive as well as 2 ½” screws**
- 3. See image for reference**
- 4. Use a spacer block of ¼” between each plank**



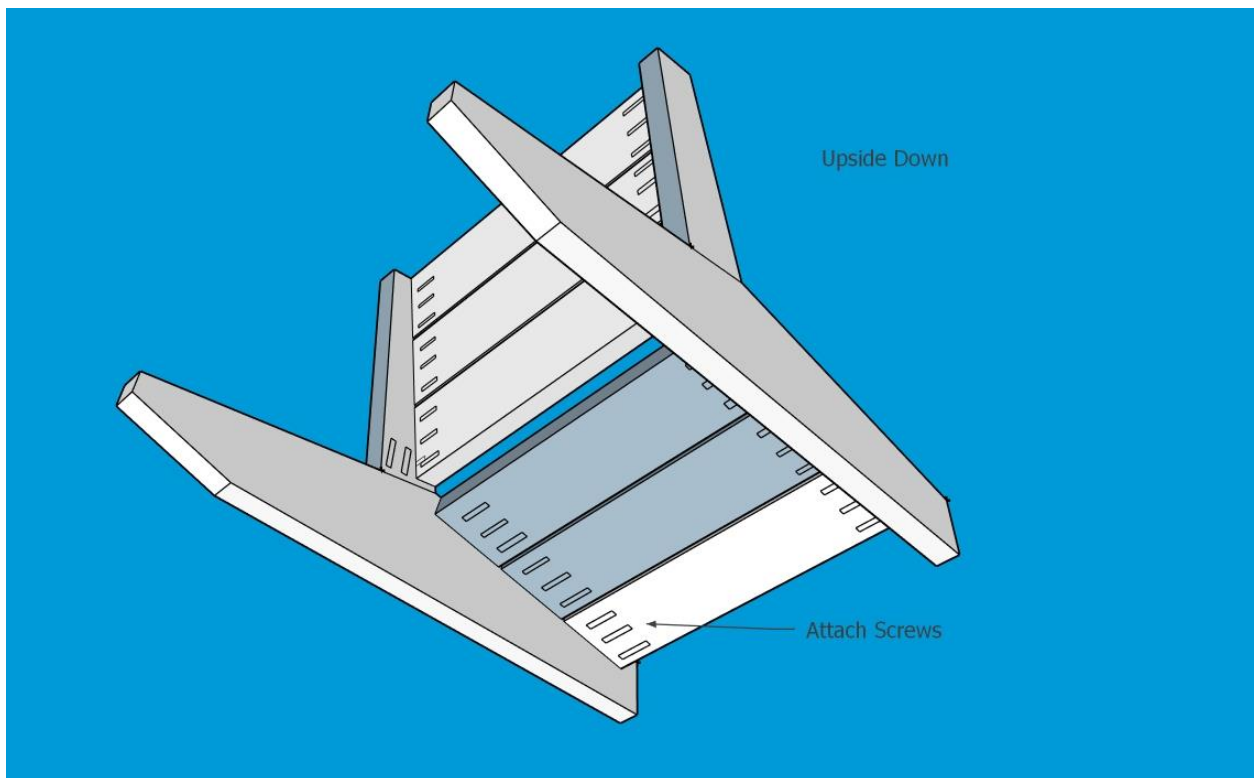
Continued... images close up for reference



Step 8:

Attach bottom slats

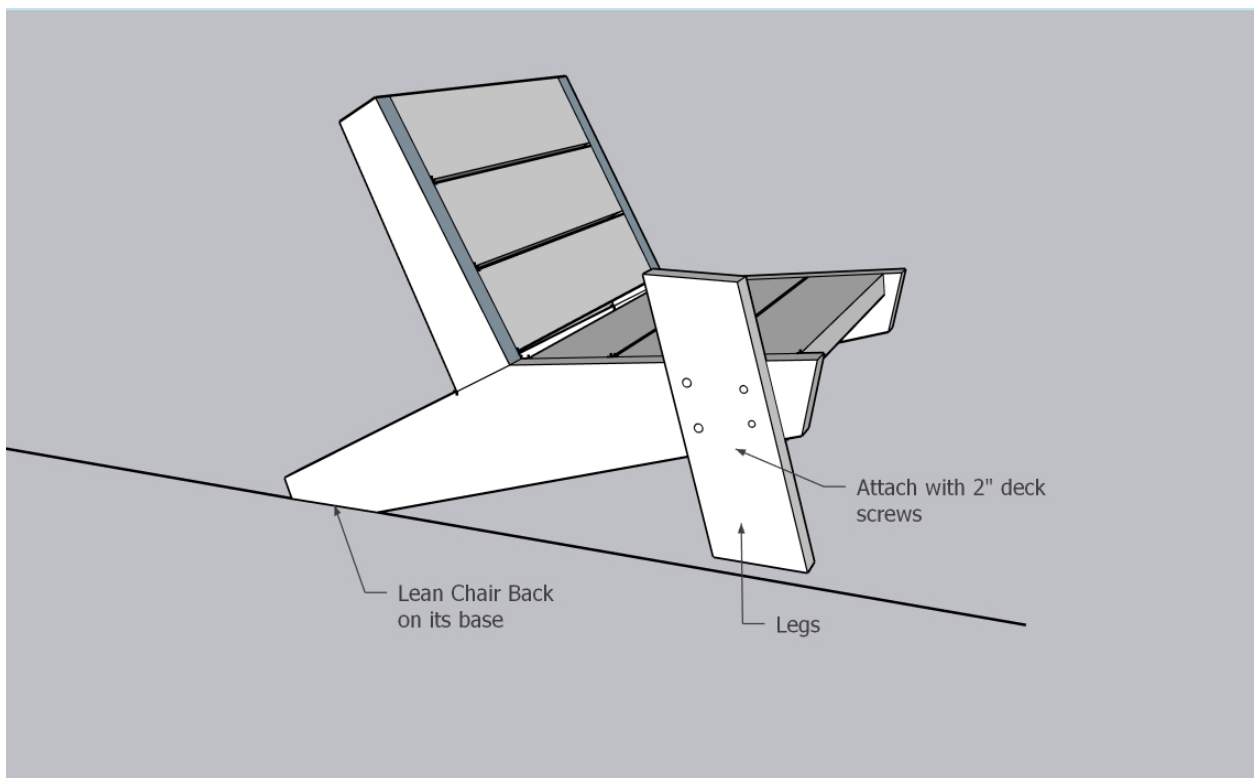
- 1. Flip the chair upside down**
- 2. Attach all 3 planks using outdoor adhesive and 2 ½” screws**
- 3. Apply a ¼” gap using a spacer block**
- 4. See image for reference**
- 5. The seat planks will seat flush with the base**



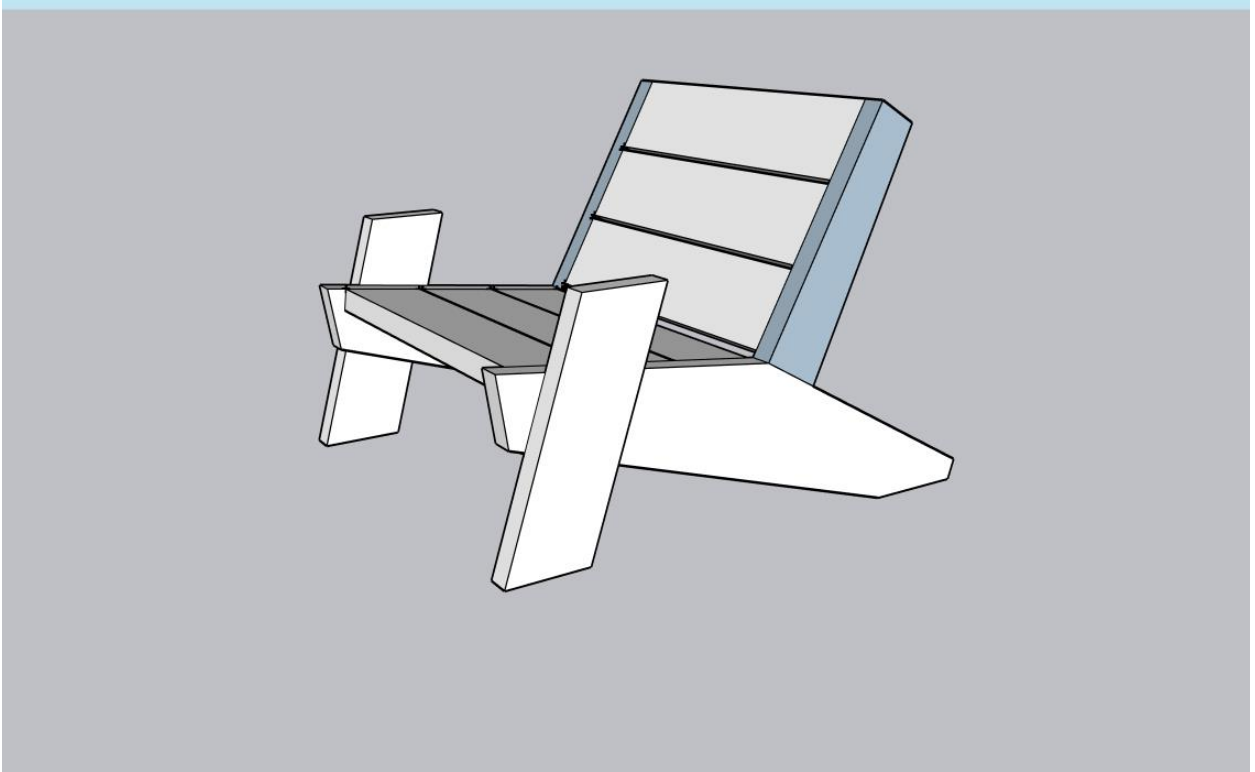
Step 9:

Attach legs to the base

- 1. Lean the chair back and prop with a board and clamp so that the chair sits at the angle made on the rear of the base**
- 2. Attach the legs on both sides**
- 3. Use adhesive and drill 2" deck screws through the boards**
- 4. See image for reference of orientation and offsets**



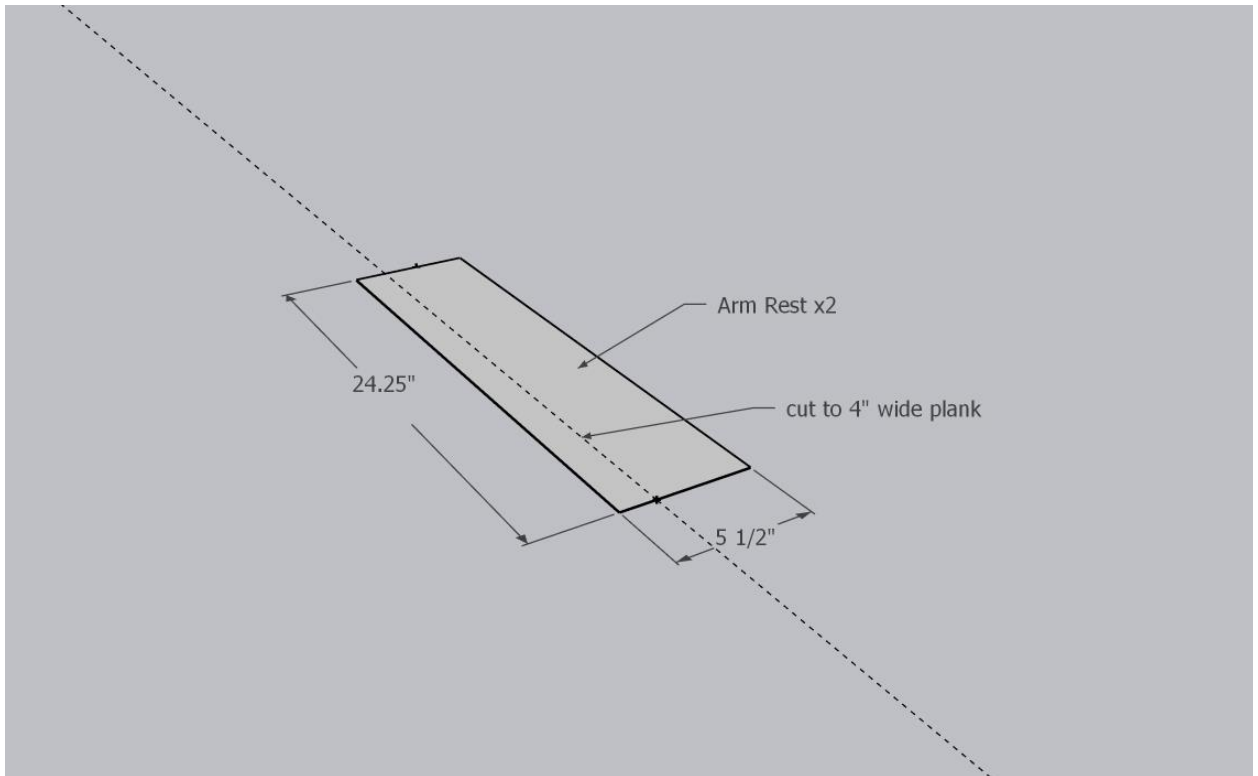
Continued... images of the legs attached to the chair



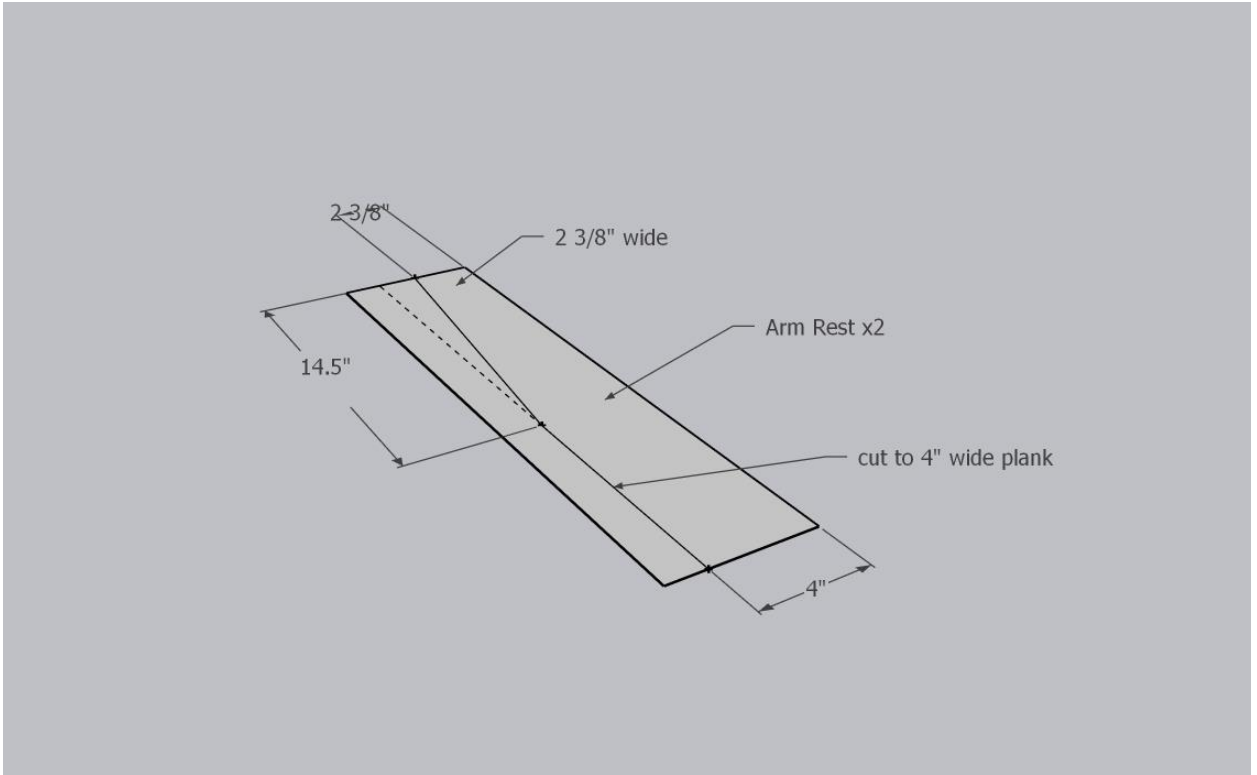
Step 10:

Cut arm rest (2 boards)

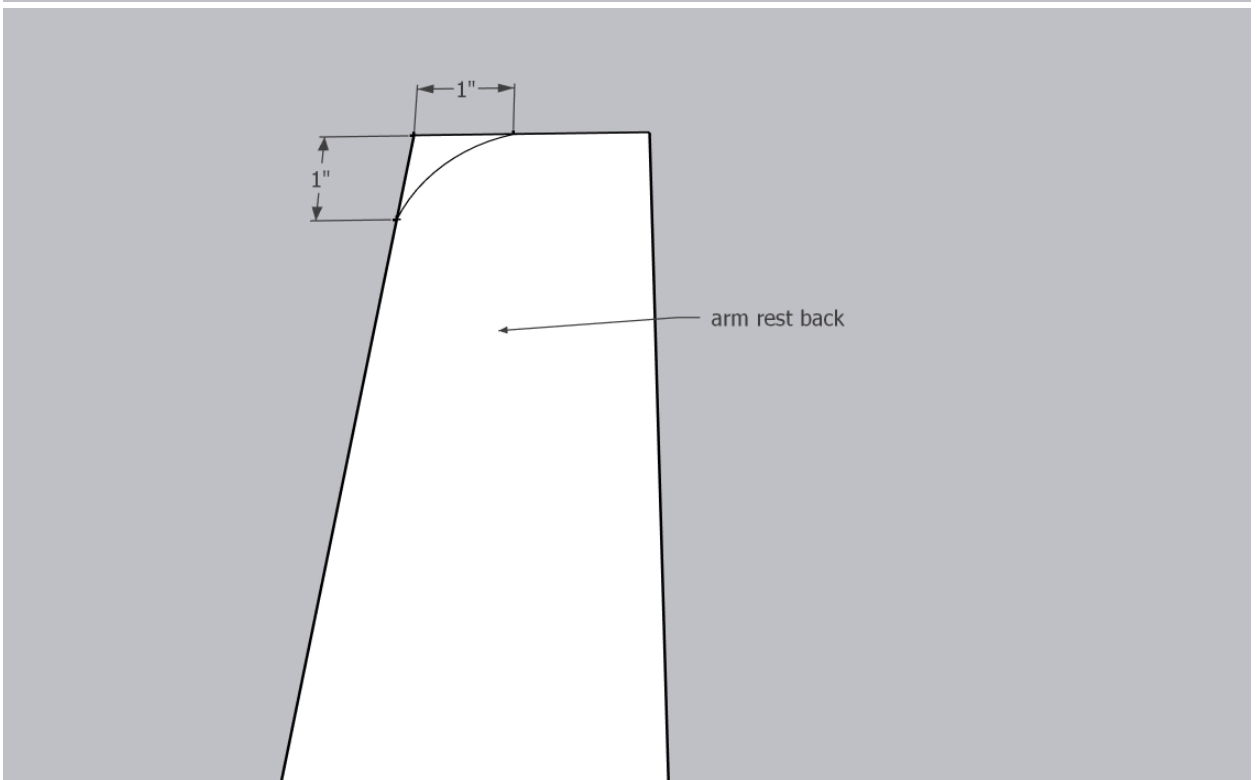
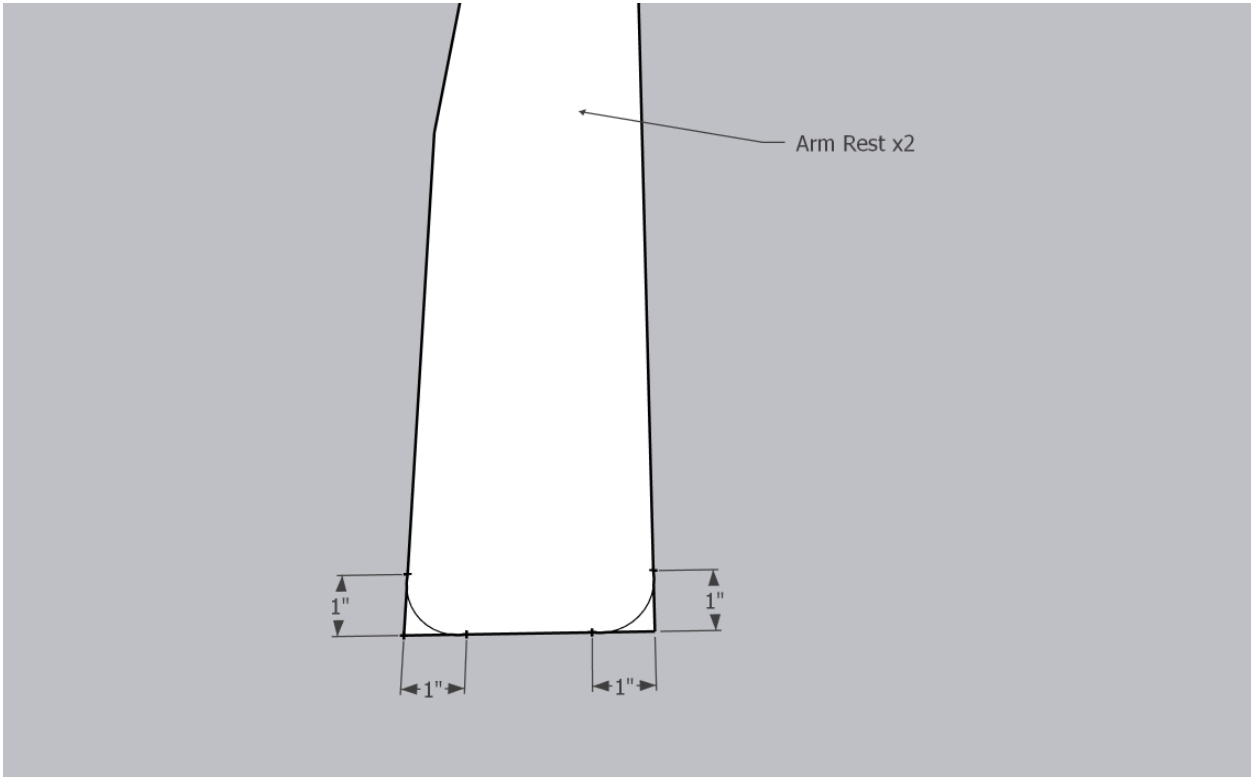
1. Using dimensional 2x6 lumber cut 2 boards 24.25" long, by 5.5" wide
2. Rip cut the board to 4" wide
3. See images for the measurements of the offsets for the angles.
4. Pre-drill 3 holes for the attachment to the legs
5. Use a 1" diameter washer to help with the round over portions and use a jig saw to cut



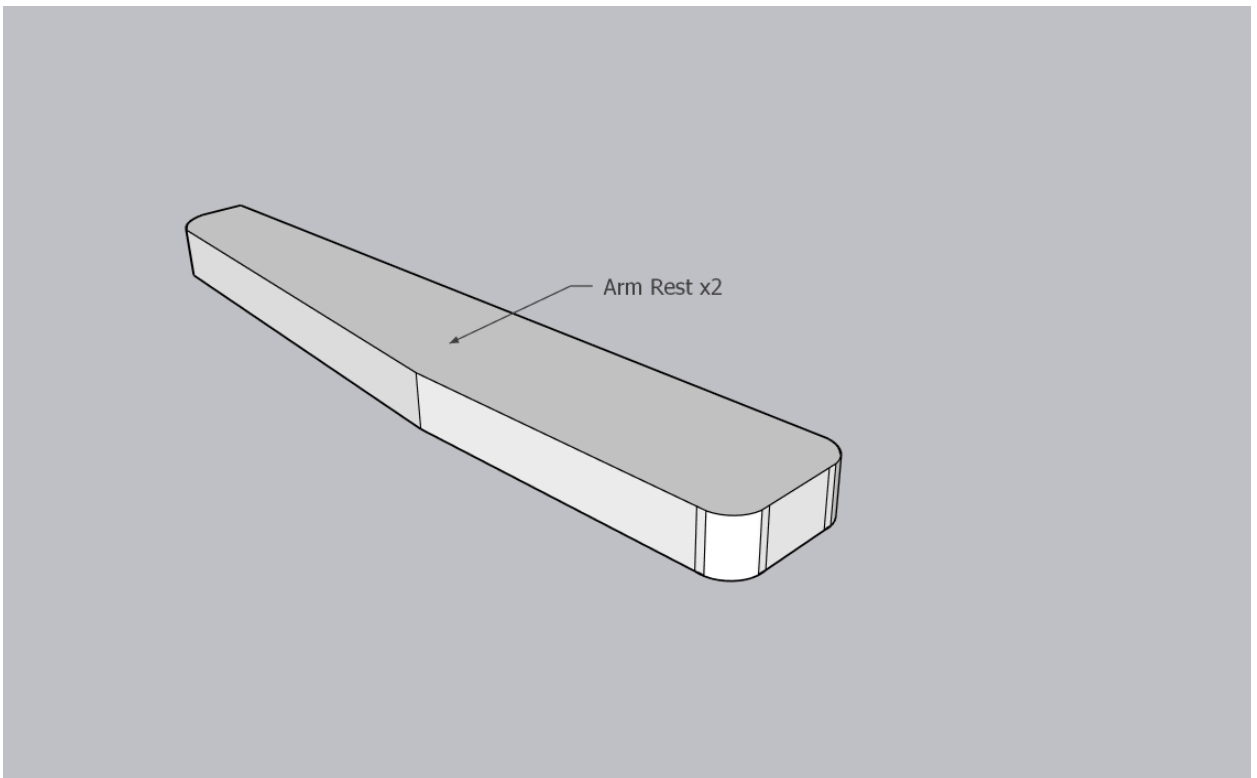
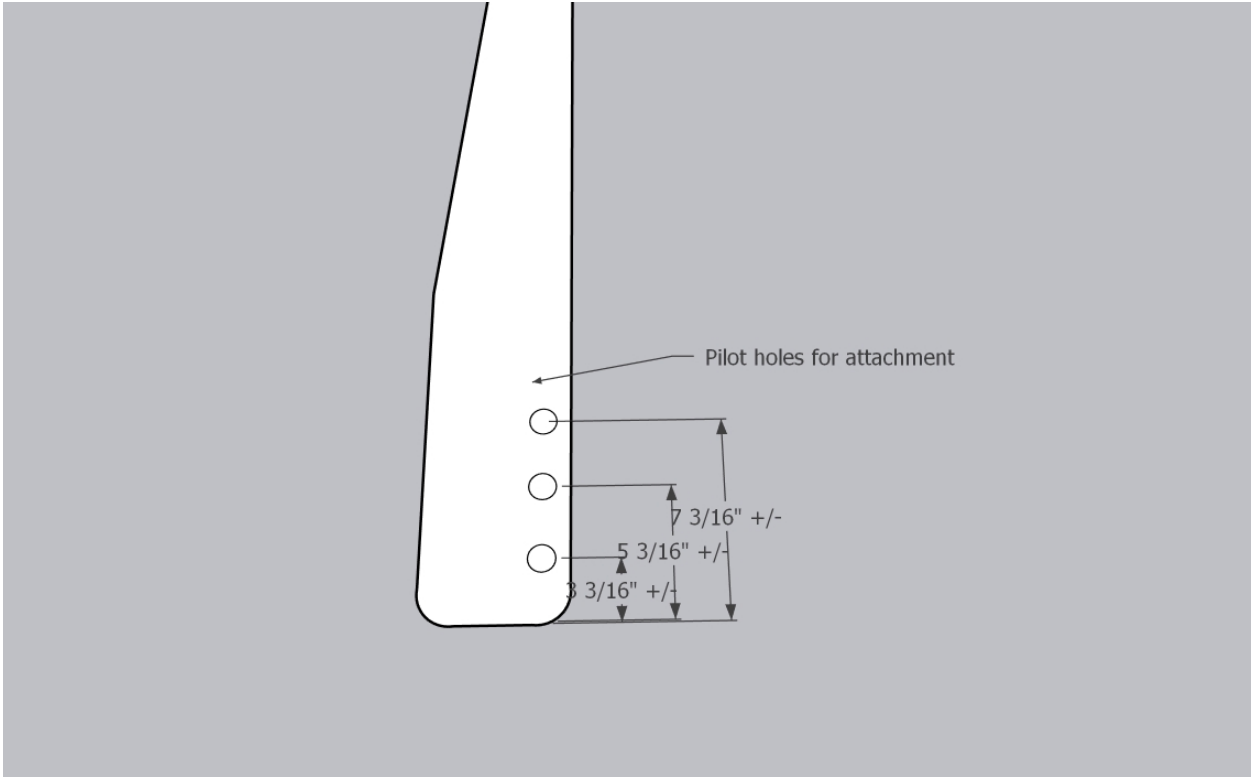
Continued... images for reference



Continued... images for reference



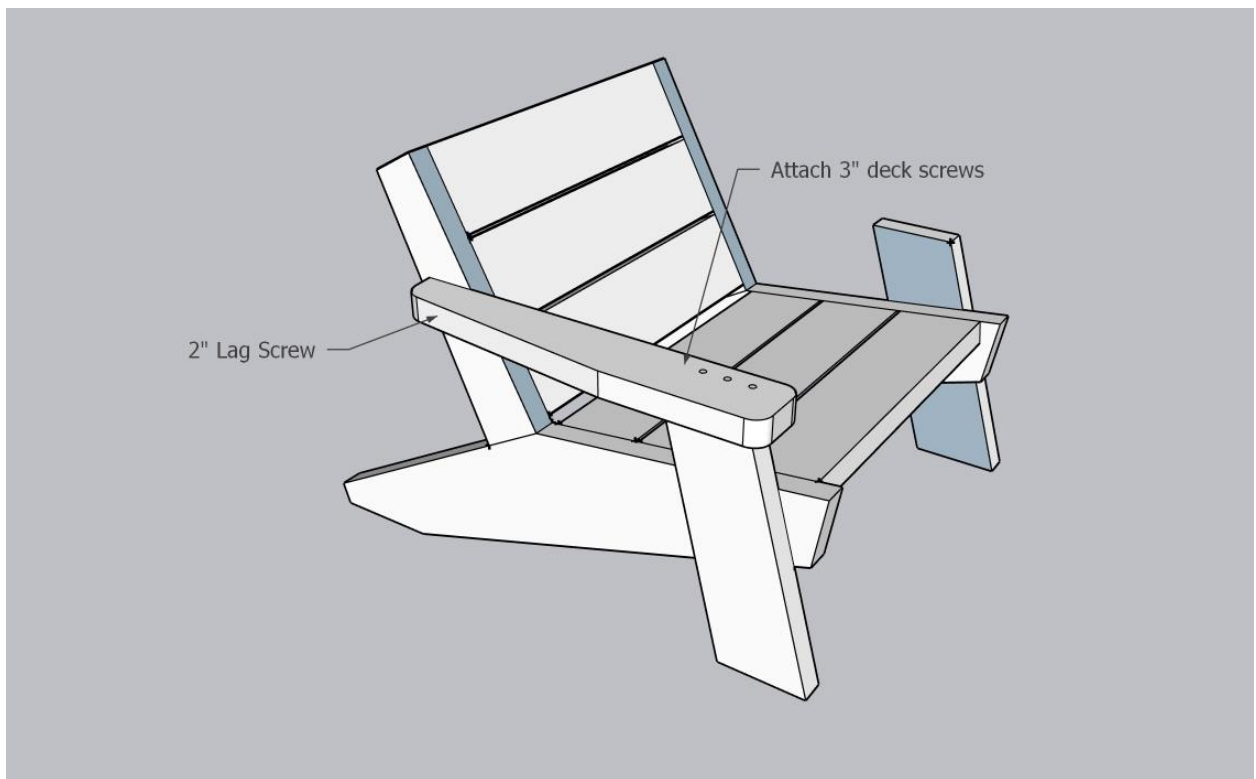
Continued images.... For reference



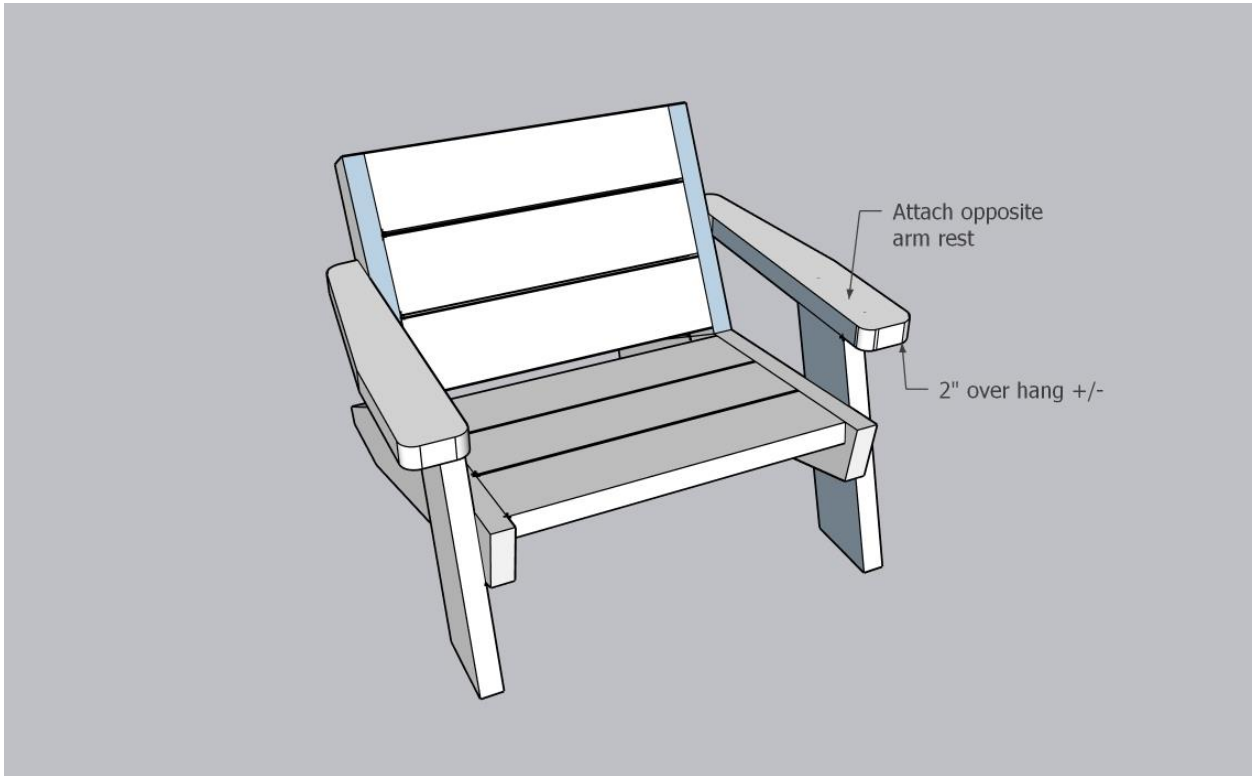
Step 11:

Attach the arm rests

- 1. Attach the arm rest onto the leg support**
- 2. Attach the arm rest in the rear of the chair with adhesive and lag screw**
- 3. Attach the arm rest in the front side of chair with 3 screws for support**



Continued...



Final Images of the Low Boy Modern Adirondack Chairs!!!

