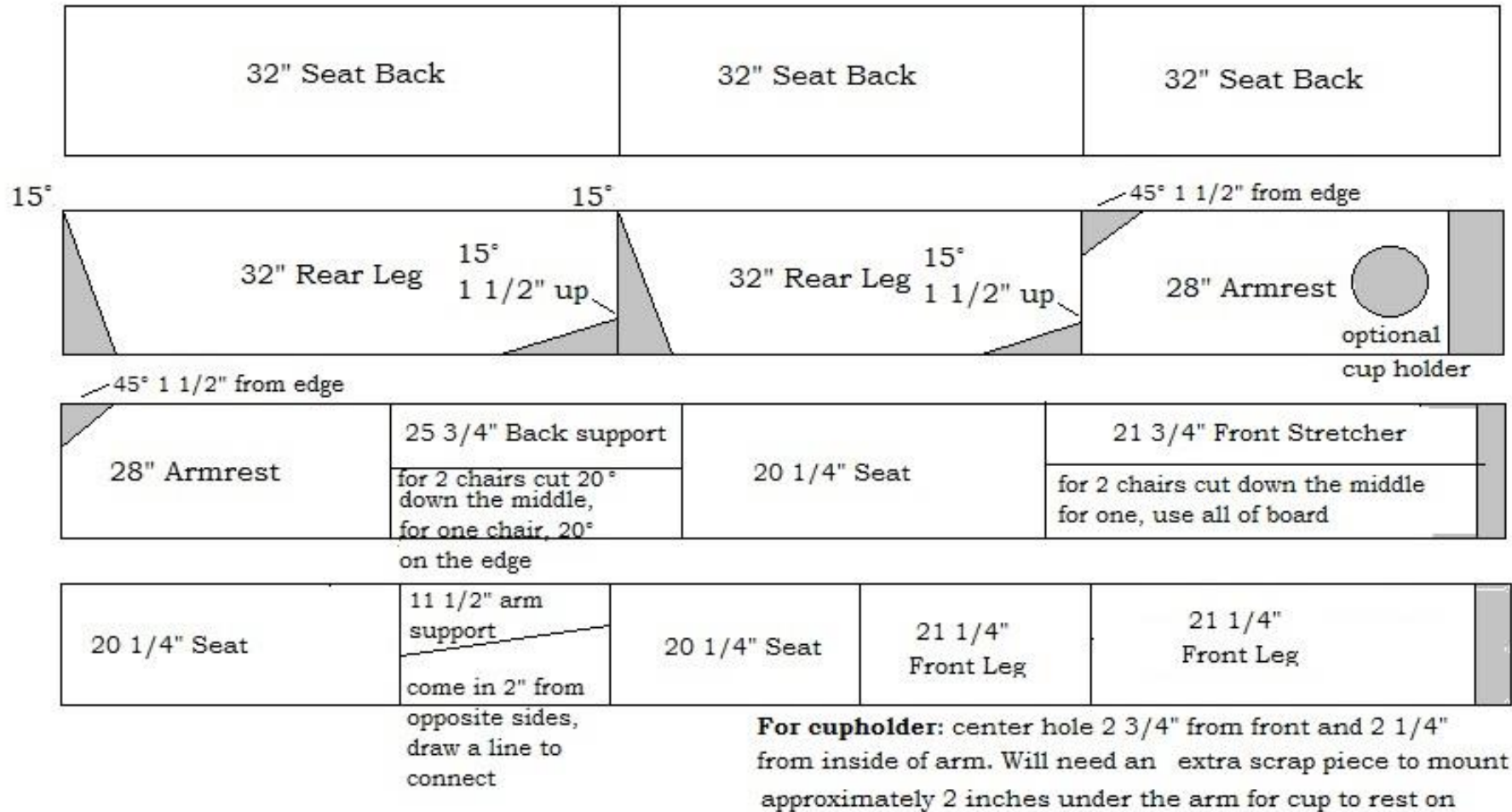


Deck Chair

Uses four 5/4" x 8' treated deck boards and fifty-three 2" screws

5/4" x 8' Treated decking boards



It is suggested to cut out all the pieces first, including angles and cup holder (if desired). It may be helpful to label pieces also.

If available, use a $\frac{1}{2}$ " round over router bit on all cut edges, except for those that touch the ground. This should include the cup holder hole, if being used in the chair. If no router is available, a sander or file can be used to smooth edges

Begin assembly with the two front legs and two rear legs. Mount the rear leg to the inside of the front leg so that that front edge of the rear leg and front side of the front leg line up flush, while the back lower edge is in flat contact with the ground. It is recommended to pre-drill holes so the head of the screw is flush. If building multiple chairs making a jig is recommended. Use 4 screws for each side. After finished, hold pieces together to make sure they are mounted at the same height and back legs are flat on the ground.

On each of the rear leg pieces, make a mark 19" from the front where the boards will mount. Pre-drill two holes on each side of the seat board, about a $\frac{1}{2}$ " in from the edge. Mount the front most board using the two front screws. Put the back of the rear seat board on the 19" marks and mount it. Finish mounting the front board and the middle board, leaving even spacing between the front and back.



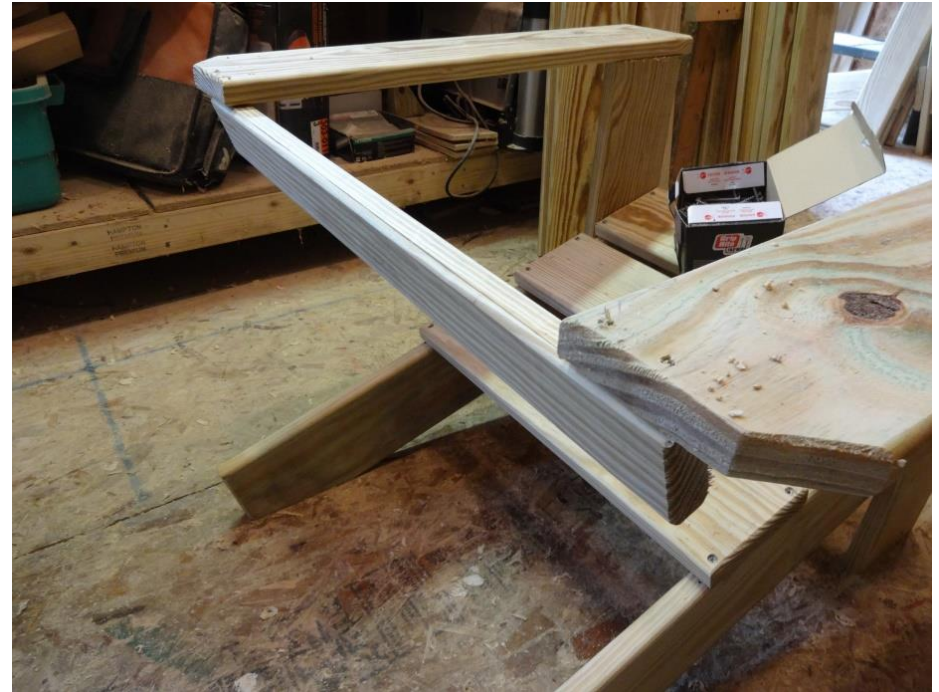
Make sure the bottom feet are $20\frac{1}{4}$ " apart on the inside (same as seat width). Use a clamp or temporary board fastened if necessary to hold to the correct width. Once that is achieved, mount the front stretcher across the front of the board at the base of the rear leg. Use 2 screws on each end, one into the front leg and one into the rear leg, pre-drill these beforehand.



On both of the armrests, make a mark $\frac{1}{2}$ " in from the front; this is where to line up the front of the front leg. Pre-drill holes for the two screws into the front leg and one for arm support. Line up the inside of the front leg and inside of the arm and the $\frac{1}{2}$ " mark and front of the front leg, then fasten only the front screw for each side.



Mount the Back support, with the 20° beveled side facing up to the bottom of the arm rest, two screws on each side making sure the arm rest are spaced the same as the front part. Once the support is secure, check to see if the arm rests need re-squared so that they are in line with the chair; finish fastening the arm rest in the front.



Fasten the arm support pieces with one screw on top and two on the inside of the front leg. Make sure it is in alignment with the back side of the front leg, leaving room for the cup holder. If using a cup holder: cut a scrap piece to fit in the corner of the arm support and the front leg (approx. 3"x3" depending on hole size) and fasten to both using 3 screws total.



Set one of the seat backs in position on a side, resting it on the top of the rear leg and up against the back of the seat. Mark for two holes at the back support height. Mark the same height, from the top, on the other two boards and pre-drill. Mount the outside boards first, then the middle board, aligning the tops and creating an even space. Fasten the boards at the bottom to the seat. (This can be made easier by flipping the chair on its top, with the arm rest and top of the seat back touching the floor.)



The chair is now assembled and should be sanded down to help eliminate any splinters and smooth out rough spots. At this point it could be stained if desired, but does not need anything since treated wood has been used. Seat cushions make a nice addition to the chair.

