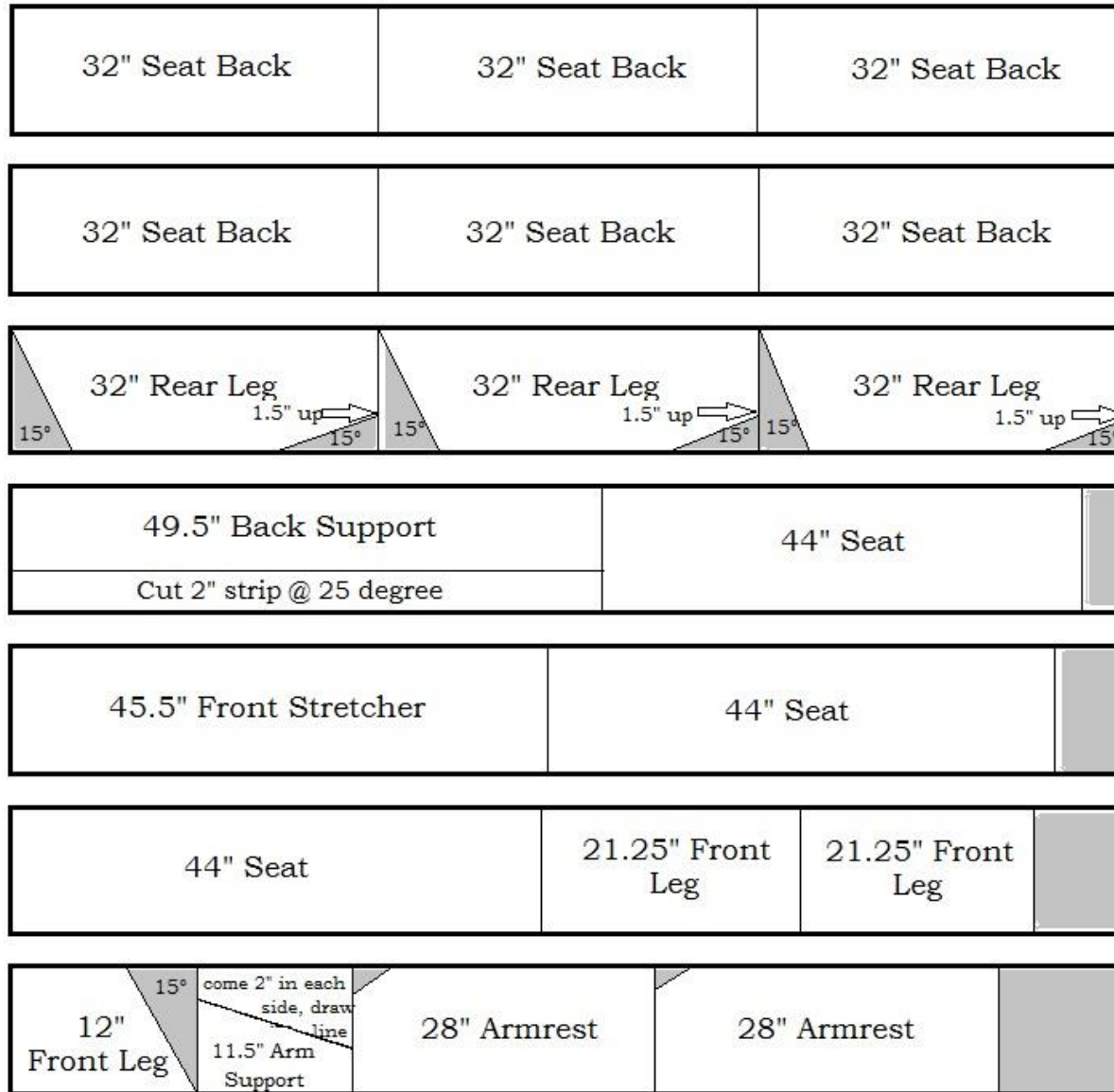


Deck Bench

Uses seven 5/4" x 8' treated deck boards and ~93 - 1 5/8" treated deck screws



It is suggested to cut out all the pieces first and any angled cuts. Cup holders can be made in the armrest, see the deck chair plans for instructions. If available, use a ½” round over router bit on all cut edges except for those that touch the ground. If no router is available for use, a sander or file can be used to smooth edges.

Begin assembly with the three front legs and three rear legs. Mount the rear leg to the inside of the front leg so that the front edge of the rear leg and front side of the front leg are flush. The back lower edge should be in flat contact with the ground. On the middle leg (12”) does not matter which side the rear leg is fastened to. It is recommended to pre-drill holes so the head of the screw is flush. If building multiple chairs or benches, making a jig is recommended. Use four screws on each leg. After finished, hold pieces together to make sure they are mounted at the same height and back legs are flat on the ground.



On all three of the rear legs, make a mark 19” from the front. Pre-drill two holes on each side of the seat board, about a ½” in from the edge. Using only the outer legs at this point, fasten the front seat board using only the two front screws. Put the back of the rear seat board on the 19” marks and fasten it to the legs, then the middle seat and finish the front seat board. Mark the middle of the seat boards (22”), insert the middle leg, and fasten.



Making sure the bottom feet are 44" apart on the inside (same as seat width) and holding that, fasten the front stretcher board. Use two screws on each leg and pre-drill.



On both of the armrests, make a mark $\frac{1}{2}$ " from the front; this line will show where to position the front of the front leg for a little overhang. From the $\frac{1}{2}$ " mark draw a line 6" towards the back, 1" from the inside edge. This will show where the top of the front leg will be for pre-drilling. Fasten only the front screws at first. Measure the inside distances of the armrests front and back, making sure they are even and square with the chair.



Mount the Back support, with the 25° beveled side facing up to the bottom of the arm rest, angling in towards the bottom of the chair. Use two screws on each side, a clamp can be helpful to hold it while pre-drilling and fastening. Set one of the seat back in position on a side, resting it on the top of the rear leg and up against the back support. Making sure the board is straight, pre-drill and fasten the board. It can be helpful to do the two outside boards and then the two inside boards. Mount the inside board just to the side of the middle leg. Then space the two remaining boards evenly.



After the backs are mounted, use the remaining piece of the back support on the top of the boards. Cut ~6" off the length and clamp it in place while fastening. Flip the chair on its top, with the arm rest and top of the seat back touching the floor. Pre-drill and fasten the lower edge of the backs to the seat, using two screws a board. Take one of the scraps and cut 45° angle on one end. Fasten that piece to the side of the middle rear leg and the back board. (See picture)



Flip the bench back upright. Pre-drill and fasten the arm supports under each arm rest. Use one screw going through the top and two going through the side. Once this is finished, give the bench a light sanding.

