



CHATTANOOGA  
**URBANIST  
SOCIETY**

# CHATTANOOGA BENCH GUIDE.

**DOING IT OUR DAMN SELVES.**



The Chattanooga bench is meant to be a bench that allows you to use various types of reclaimed wood from a dumpster but end up with a bench that has a similar silhouette

# Parts list

1). 36 3" screws

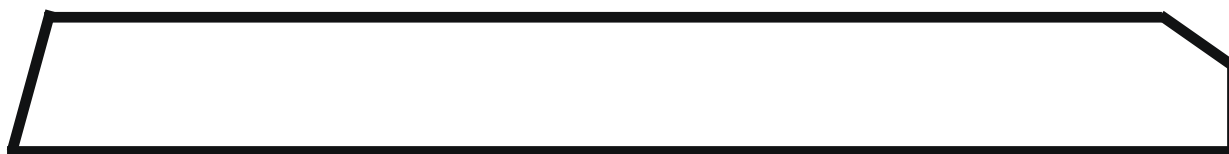
2). Four 22" 2x4 with top corners cut off at 45 degree angle



3). Two 18" front legs with a 15 degree cut at the bottom



3). Two 32 3/4" legs with a 10 degree cut at the bottom, and a 45 degree cut at the top for aesthetics



4). Two 36" 2x4s



5). Two 11" 2x4s

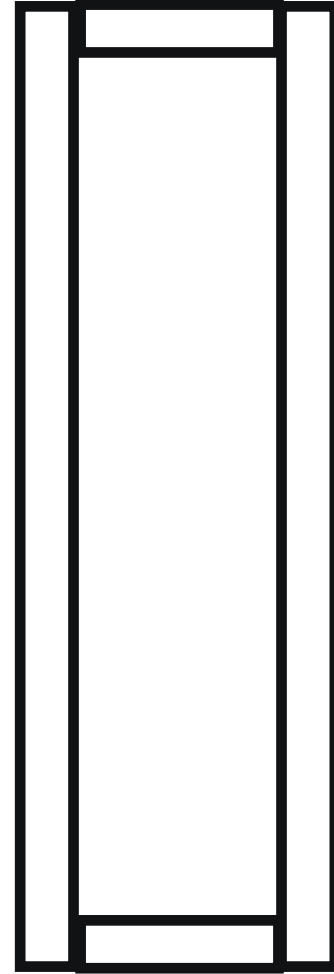


6). Two 4' 2x8s (see final page for alternate options) with 45 degree angle cuts on each corner



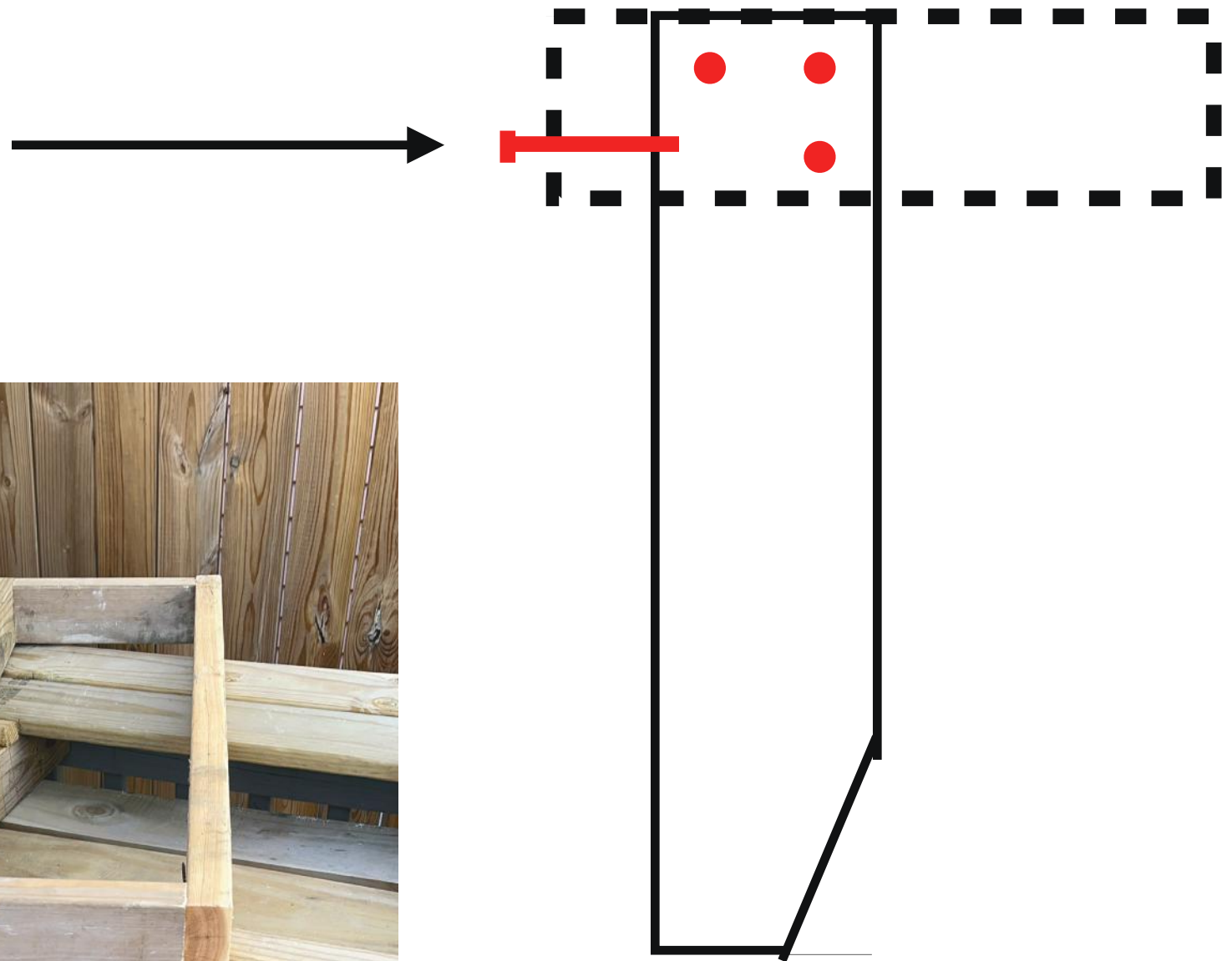
# Step 1

1). Using the 36" 2x4 and 11" 2x4, create a box with 2 screws at each corner. The 11" pieces will be flush, but on the interior



# Step 2

Put the 18" front leg in the tapered part inward, flush to the corner and secure with three screws on the side, one on the front.

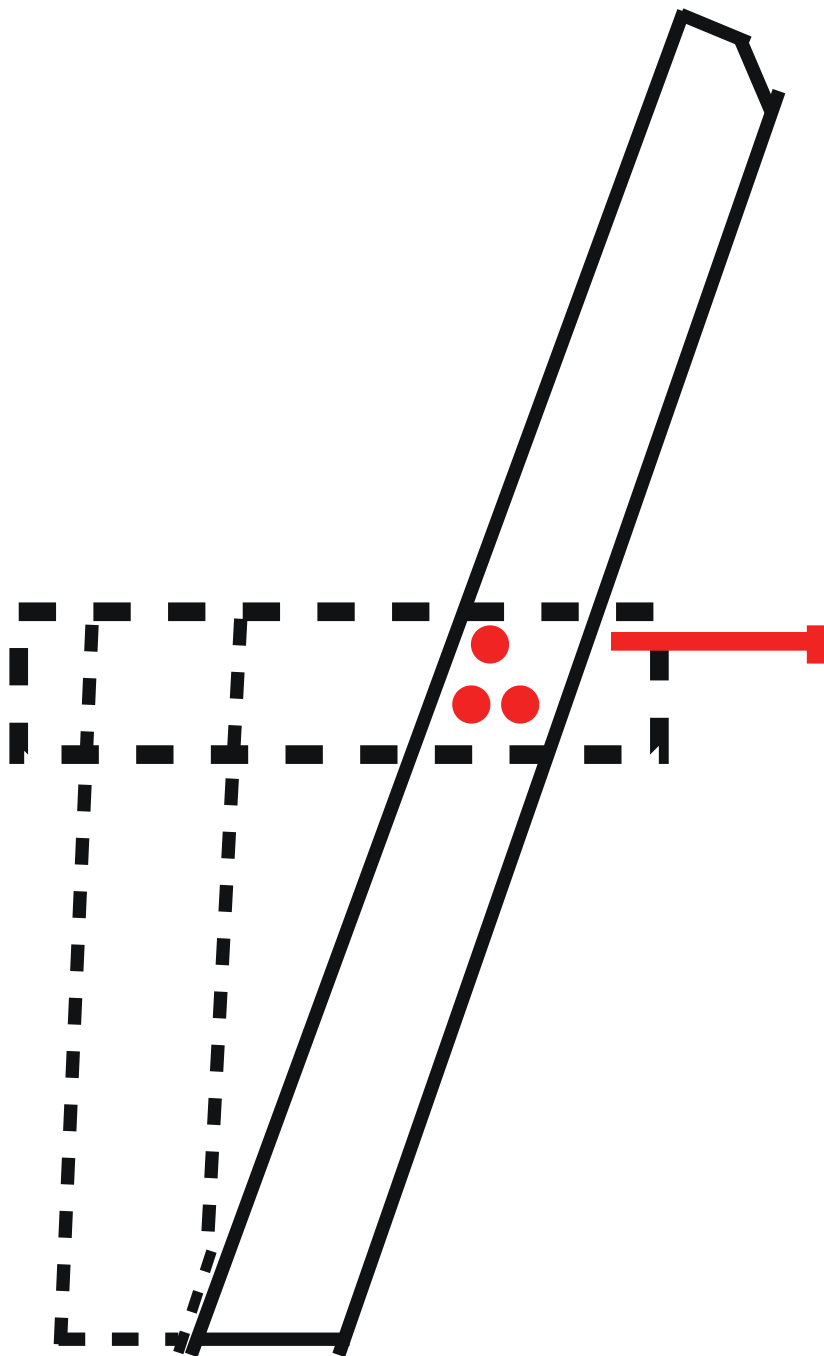


# Step 3

Put the 32 1/4" back leg flush with the bottom of the front leg. Sometimes having the bench upside down on a work bench, using clamps to hold it in place helps.

Make sure back of board is pushed flush to back of box. Secure with three screws on the side and one from the back.

Repeat on both sides.

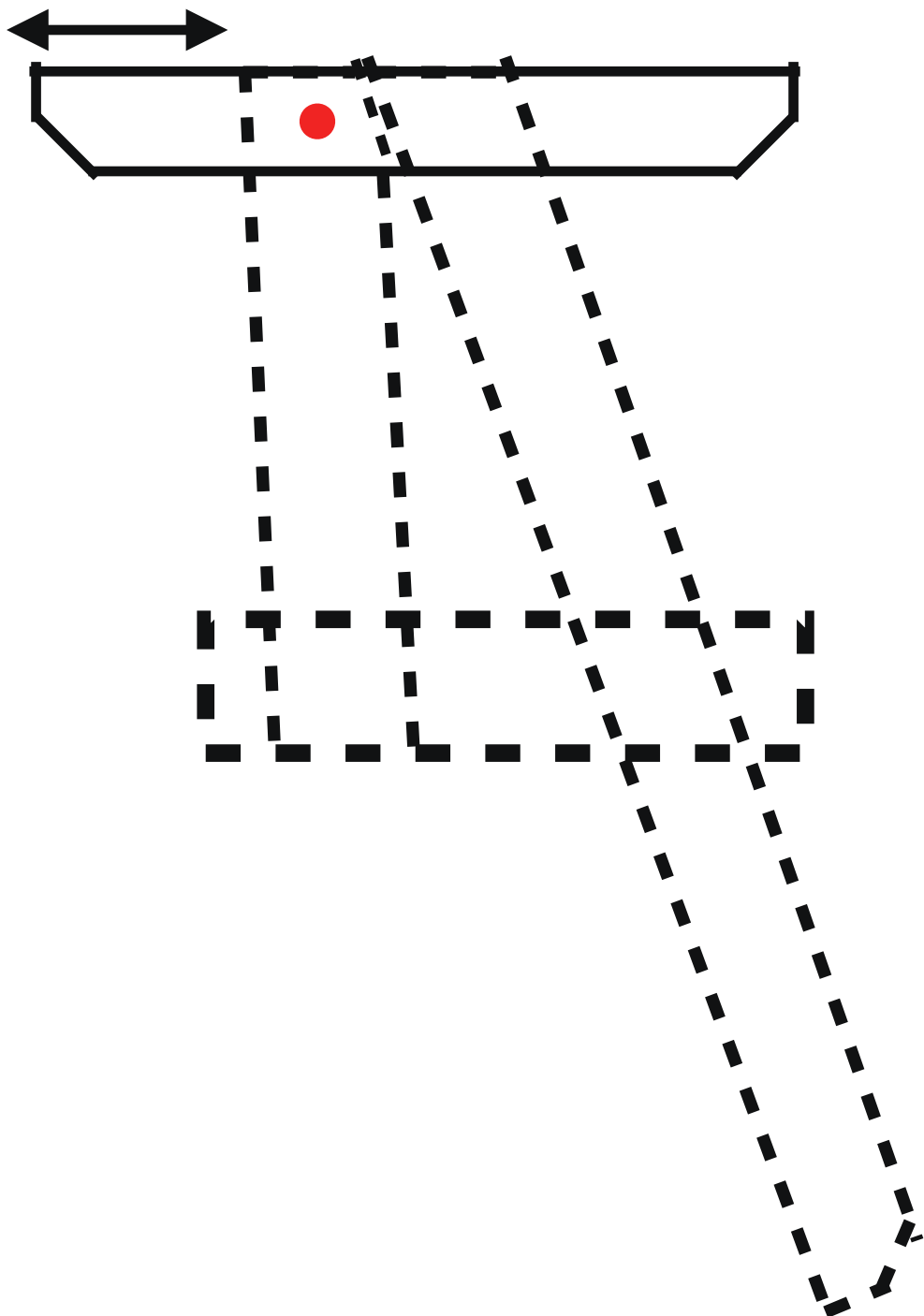


# Step 4

With the bench upside down on a table or work bench, attach one foot flush to the bottom, sticking roughly six inches out, using only ONE screw.

Repeat with one foot on other side.

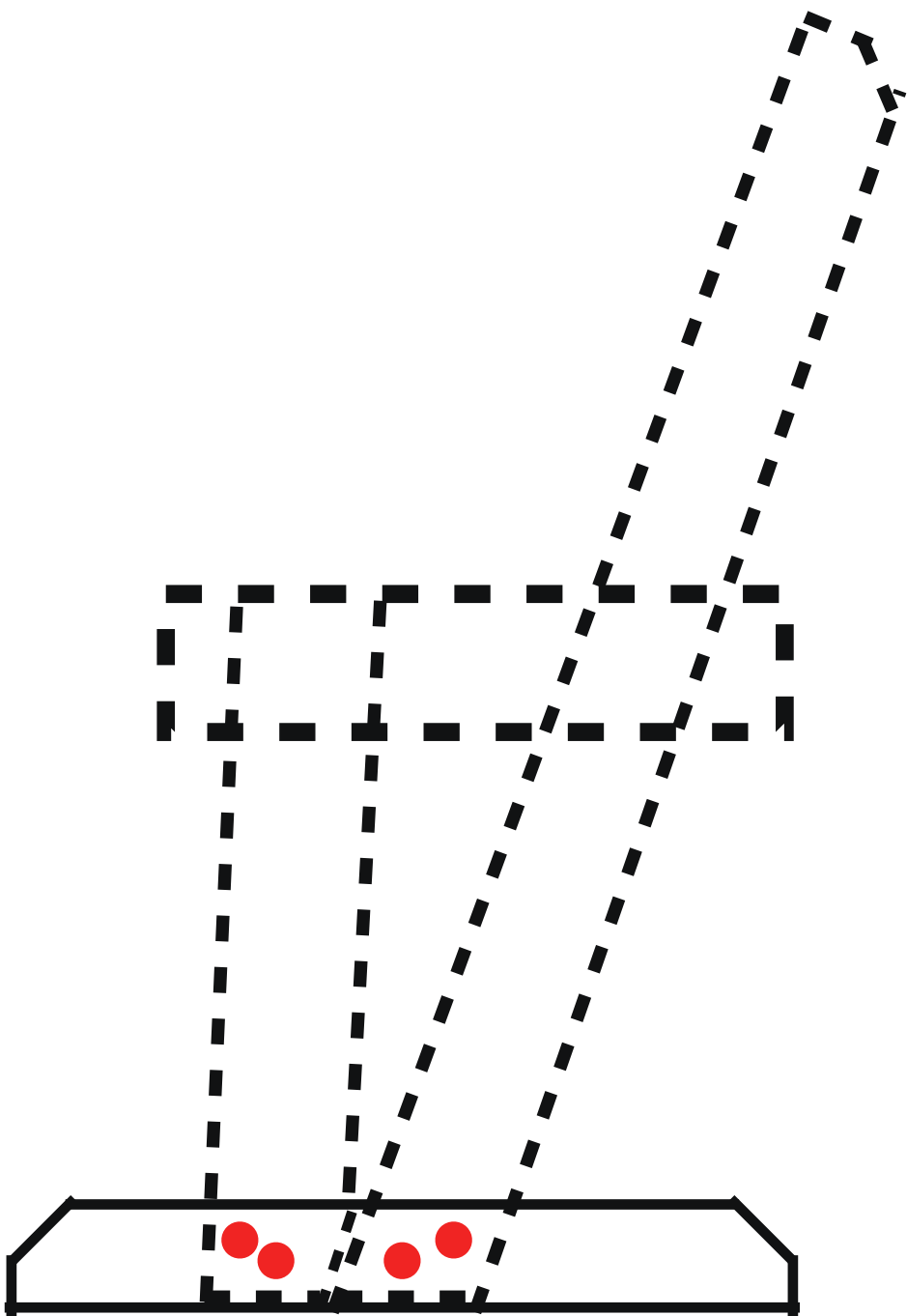
Six inches



# Step 5

Flip the bench over and set on the ground. Use a level to make it level, then screw in 3 more screws.

Place the other two feet on the opposite sides of the legs and screw in with 3 screws each.

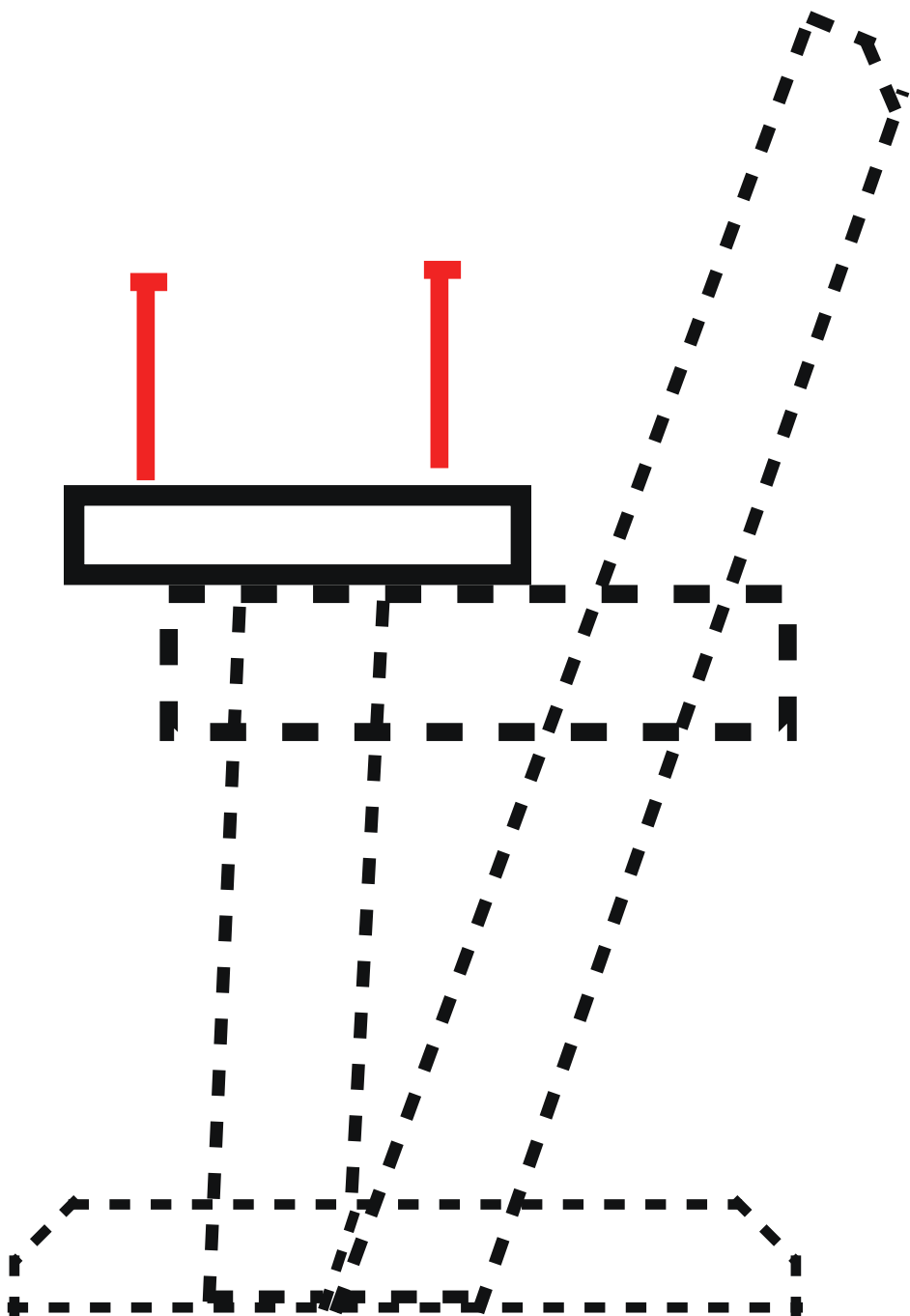




# Step 6

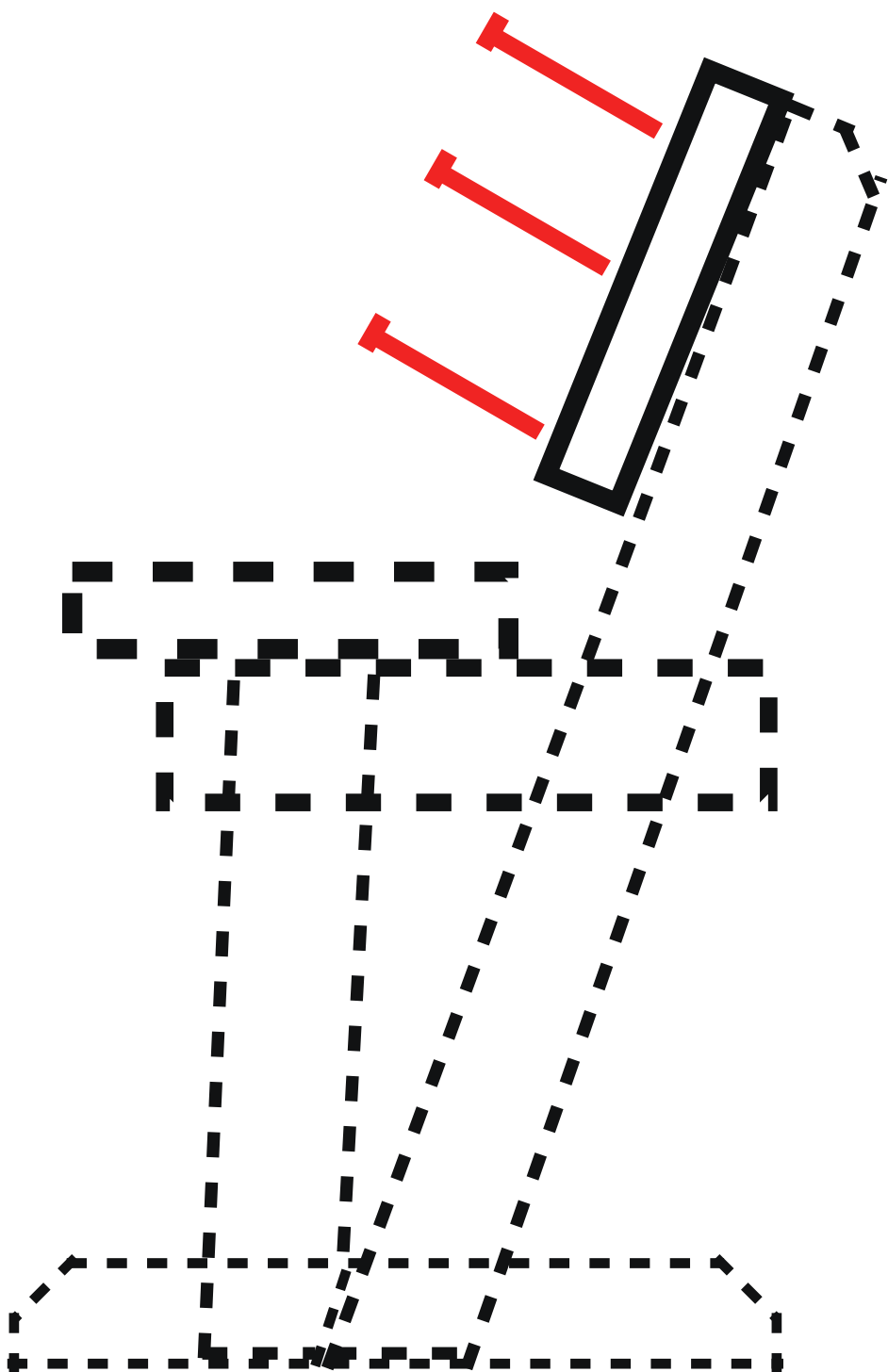
Place 2x8 on box, six inches from the side edge, and the width of a 2x4 over the front edge.

Secure with two screws on the side and two on the front.



# Step 7

Place the back flush to the top and centered with the bottom plank, and screw in using 3 screws on each side.



# Variants

The back and bottom seat planks can be made up of any combinations of 2x4s, 2x2s, 2x6s, 2x10s, etc.

