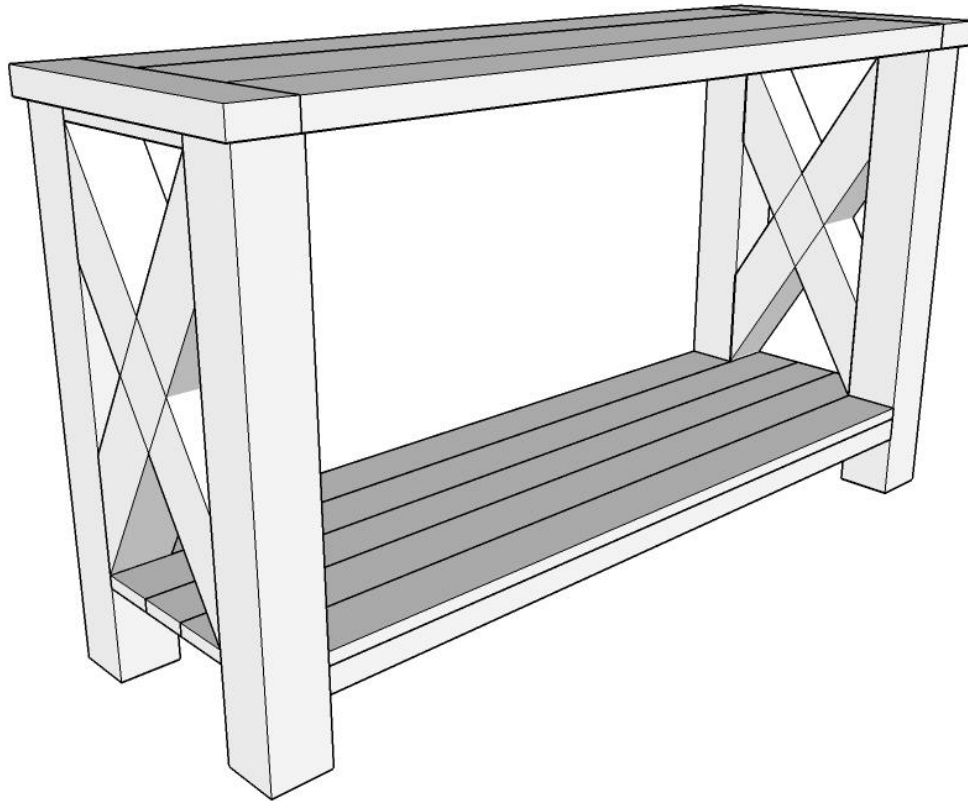


## DIY Outdoor Console Table

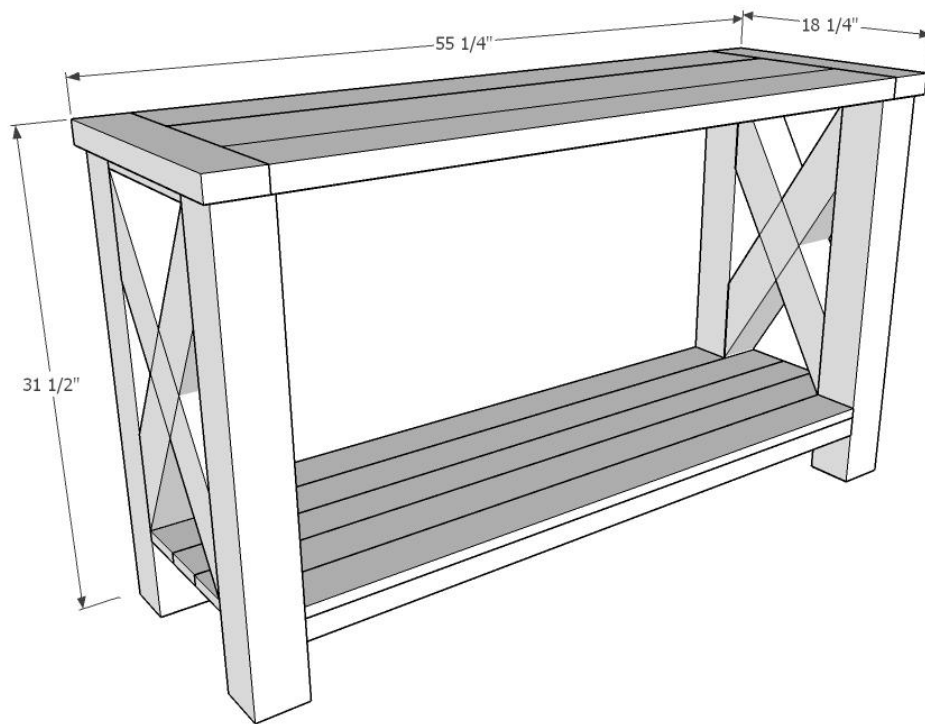
Addicted2DIY.com



**\*Before beginning this project, please read through all of the plans. Always use safety precautions whenever using power tools and follow the manufacturer's suggested guidelines. Make sure to wear proper safety protection (eye protection, hearing protection, etc.) before beginning any project. Cut all pieces per the measurements in the plans, unless noted otherwise. Sand all pieces down with 120 (if needed) and 220 grit sandpaper before assembly.**

**\*This project was built using pine boards; however, redwood or cedar may be substituted if your home improvement store carries these dimensions in lumber.**

**\*1x4 pieces are cut strategically to minimize waste. When cutting 10 ¼" pieces, cut from separate boards. If cutting from the same board, there will not be enough left to complete the bottom shelf.**



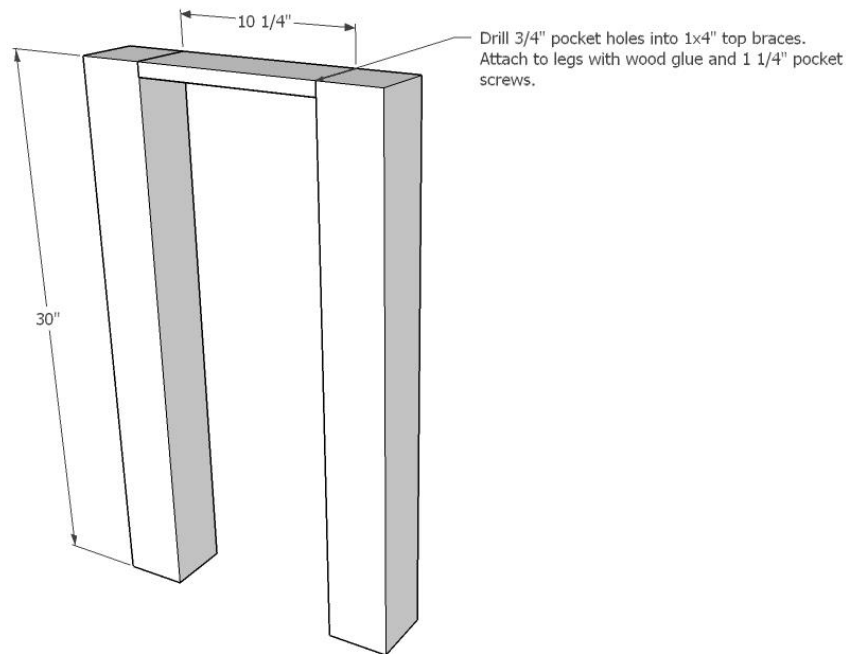
### **Materials:**

- 1 – 4x4 pine board @ 8' long
- 1 – 4x4 pine board @ 10' long
- 5 – 1x4 pine boards @ 6' long
- 1 – 2x4 pine board @ 8' long
- 2 – 2x6 pine boards @ 8' long
- 1 – 2x8 pine board @ 8' long
- 2 – 1x2 boards @ 8' long
- 120 and 220 grit sandpaper
- Orbital sander
- Kreg Jig
- Kreg R3
- 1 ¼" pocket screws
- 2 ½" pocket screws
- Drill
- Impact Driver
- Miter Saw
- Table Saw

## **Cut List:**

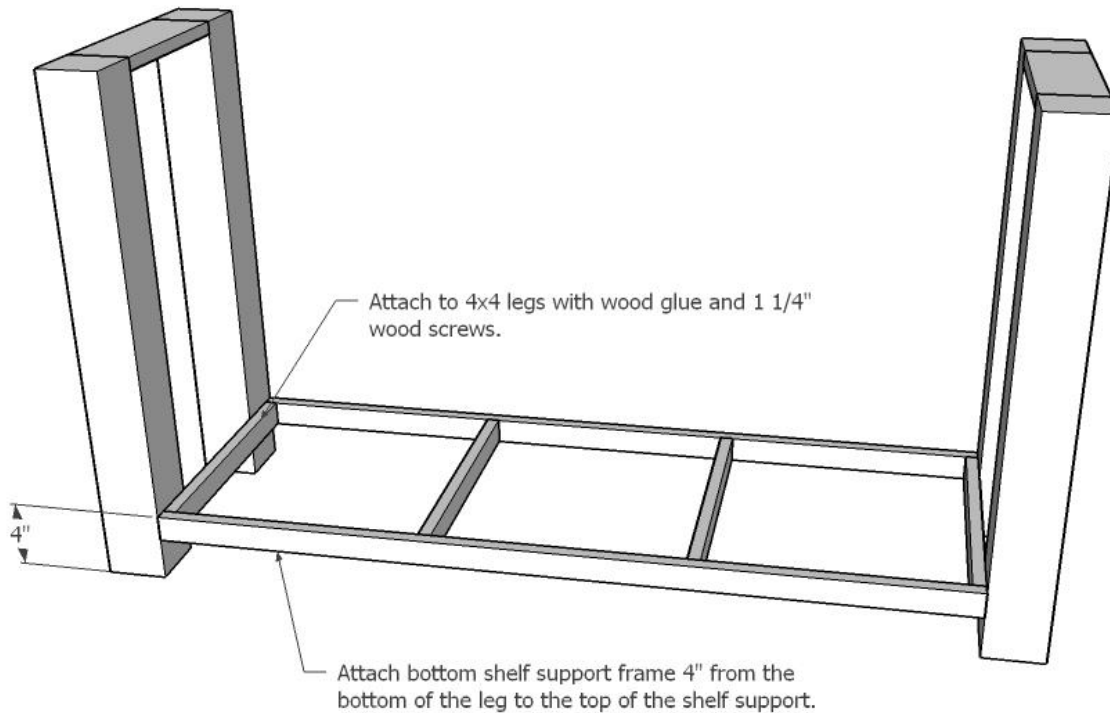
- 4 – 4x4 @ 30" long (legs)
- 2 – 1x4 @ 10 1/4" long (top braces for legs)
- 2 – 1x2 @ 47 1/4" long (front and back of shelf support frame)
- 4 – 1x2 @ 15 1/4" long (side and middle support braces for shelf frame)
- 2 – 1x4 @ 47 1/4" (front and back slats for shelf)
- 2 – 1x4 @ 54 1/4" (inside slats for shelf)
- 1 – 1x4 ripped down to approx 3 1/4" and cut at 54 1/4" (place already cut slats down on shelf to determine exact width to rip 1x4 down to)
- 2 – 4x4 cut to size with 60 degree angles (solid portion of X brace)
- 2 – 4x4 cut to size with 60 degree angles on one end and 30 degree angles to meet in middle (cut portion of X brace)
- 2 – 2x6 @ 48 1/4" long (table top)
- 1 – 2x8 @ 48 1/4" long (table top)
- 2 – 2x4 @ approx 18 1/4" long (measure exact width of table top pieces to determine length of 2x4 breadboard ends)

## **STEP 1:**



Drill 3/4" pocket holes into the ends of the 10 1/4" upper leg braces. Attach flush with the top of the legs with wood glue and 1 1/4" pocket screws. Repeat this step for the other side of the table.

## STEP 2:

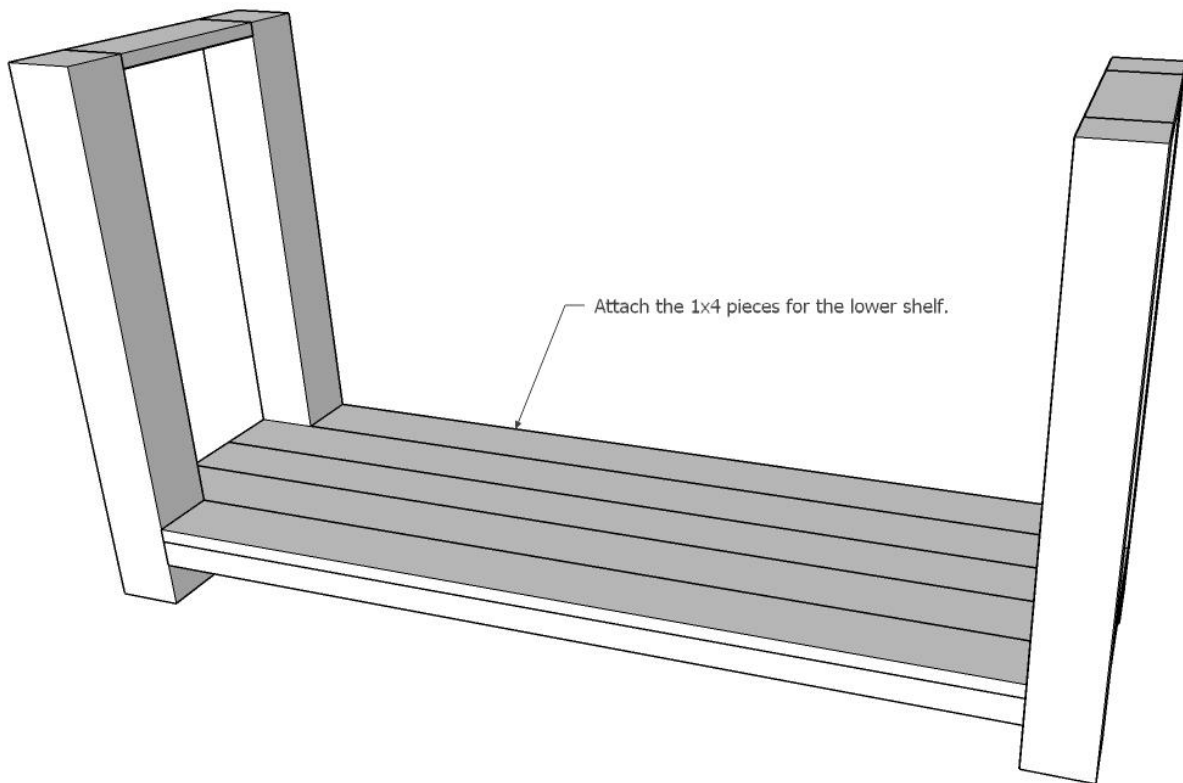


Drill  $\frac{3}{4}$ " pocket holes into each end of the front and back support rails as well as the middle 1x2 supports. Attach the front and support rails measuring 4" from the top of the rail to the bottom of the leg using wood glue and 1  $\frac{1}{4}$ " pocket screws.

Drill  $\frac{1}{8}$ " pilot holes into the 1x2 supports on each end and attach to the legs using wood glue and 1  $\frac{1}{4}$ " wood screws.

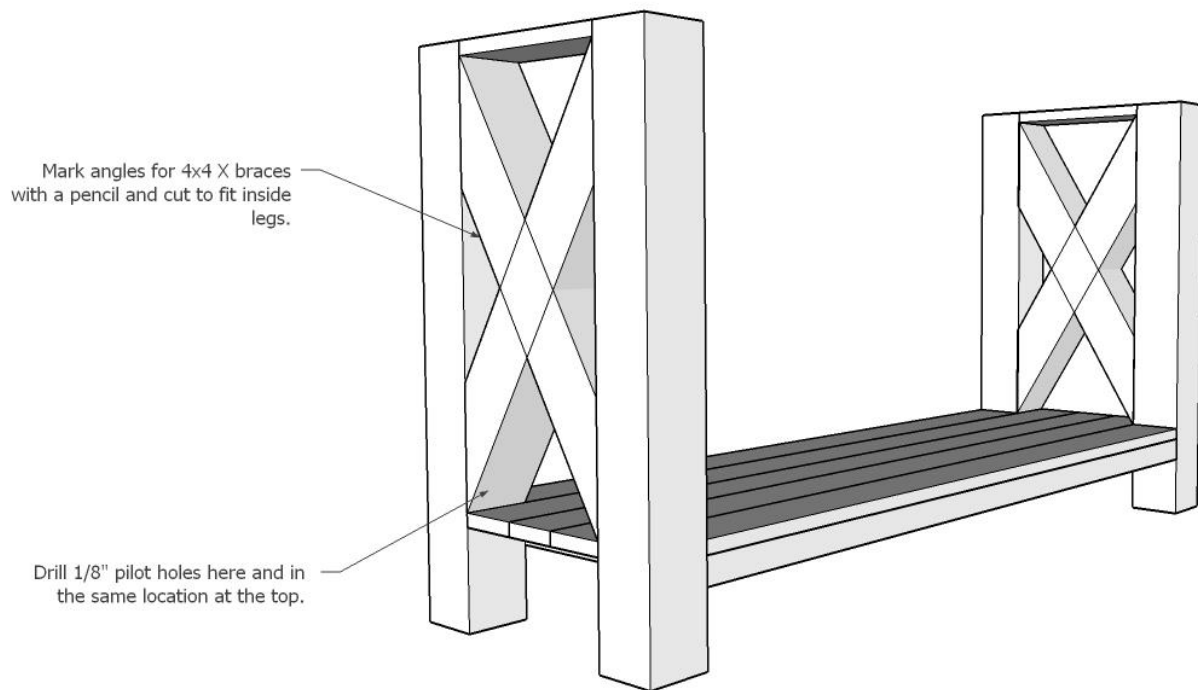
Evenly space the middle 1x2 supports (14  $\frac{3}{4}$ " apart) and attach to the front and back support rails using wood glue and 1  $\frac{1}{4}$ " pocket screws.

**STEP 3:**



Apply wood glue to the 1x2 shelf supports. Starting from the outside and working in, place the 1x4 shelf pieces onto the support frame. Mark the location of the 1x2 supports and drill 1/8" pilot holes through the 1x4s and into the 1x2 supports. Attach with 1 1/4" wood screws.

## STEP 4:

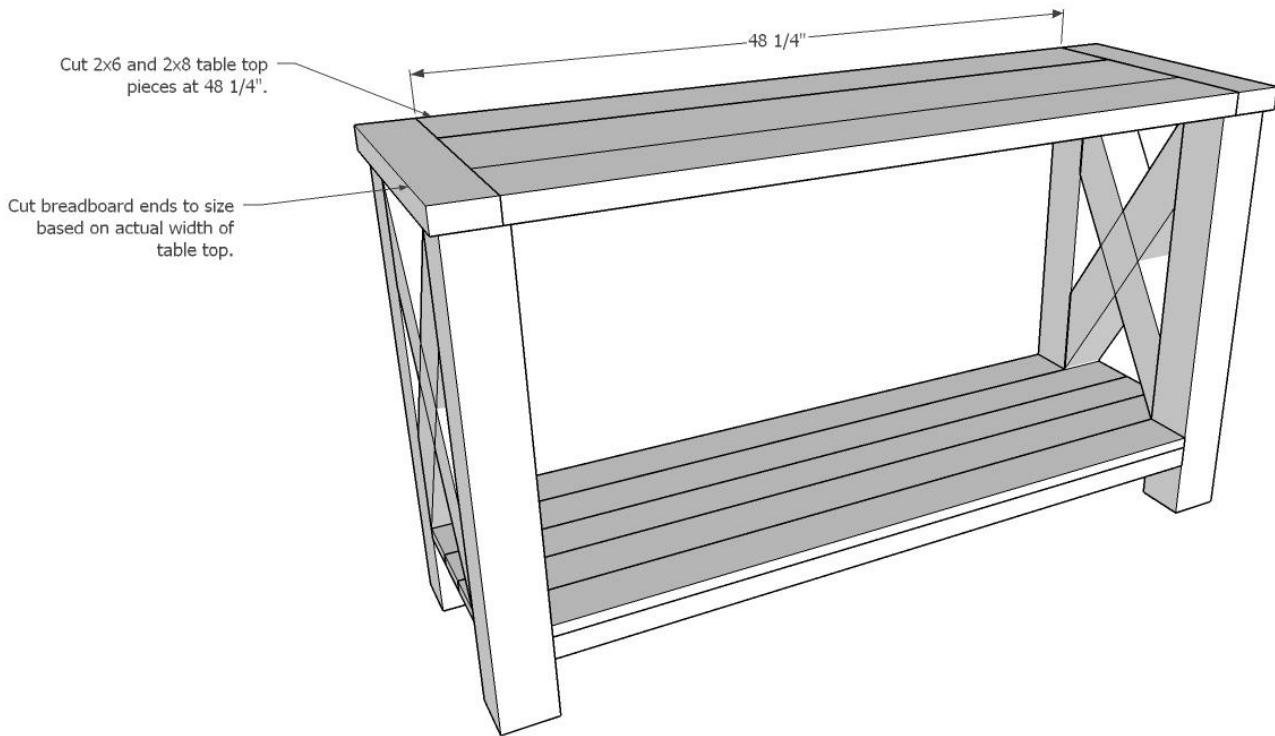


Determine the length and angle of the solid portion of the 4x4 X braces by placing the 4x4 against the legs and marking the lines for the cuts with pencil. The approximate angle is 60 degrees. Do the same for the shorter pieces of the X brace, marking the cut lines in the middle as well. The Angle for the ends is 60 degrees. The angle at the center of the X is 30 degrees.

Attach the solid length of the X by drilling 1/8" pilot holes into the top and bottom ends as shown in the illustration. Attach to the 4x4 legs with 3" wood screws.

Mark the cut lines for the shorter pieces of the X brace and cut to size. Mark the inside face of these pieces and drill 1 1/2" pocket holes into the inside face. Insert into position and drill 1/8" pilot holes at the top and bottom ends. Attach to the 4x4 legs with 3" wood screws. Attach the middle section using 2 1/2" pocket screws.

## STEP 5:



Drill 1 1/2" pocket holes in the table top pieces to attach the boards together. Drill 1 1/2" pocket holes into each end to attach the breadboard ends. Build the table top using wood glue and 2 1/2" pocket screws.

Center over the top of the base with approximately 1/2" overhang on all four sides. Drill 1/8" pilot holes into the breadboard ends and into the 4x4 legs. Attach the top to the legs with 3" wood screws. For added strength, drill 1/8" pilot holes through the bottom side of the 10 1/4" top rails and drive 1 1/4" wood screws to secure the top to the 1x4 braces.

### Finishing:

Finish as desired. If using outdoors and your table will be exposed to the elements, finish with paint or a weather-proofing stain or sealant. Otherwise use any type of paint or stain.