



Outdoor Table

# PROJECT PLANS

**Finished Dimensions:** 80-1/2"W x 30"H x 38"D

**Skill Level:** Beginner

## Materials

Item	Qty
2" x 4"x 8' Rough Cut Cedar Board*	8
1" x 4"x 8' Rough Cut Cedar Board*	8
4" x 4"x 8' Rough Cut Cedar Post*	2
1-1/2"x 18-Gauge Collated Brad Nails	1 Box
#10 x 3" Flat Head Deck Screws	1 Box
2-1/2" Coarse Square-Head Pocket Hole Screws	1 Box
Sandpaper** : 150g, 220g & 320g	
Wood Glue	

\* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

\*\* Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

## Tools Used



7-1/4" Sliding  
Compound Miter Saw

or



Circular Saw



12-1/2" Bench  
Planer



Drill/Driver



18GA Brad Nailer



5" Random Orbit  
Sander



Tape Measure



Driver Kit



Countersink Set



5" Orbit Sandpaper

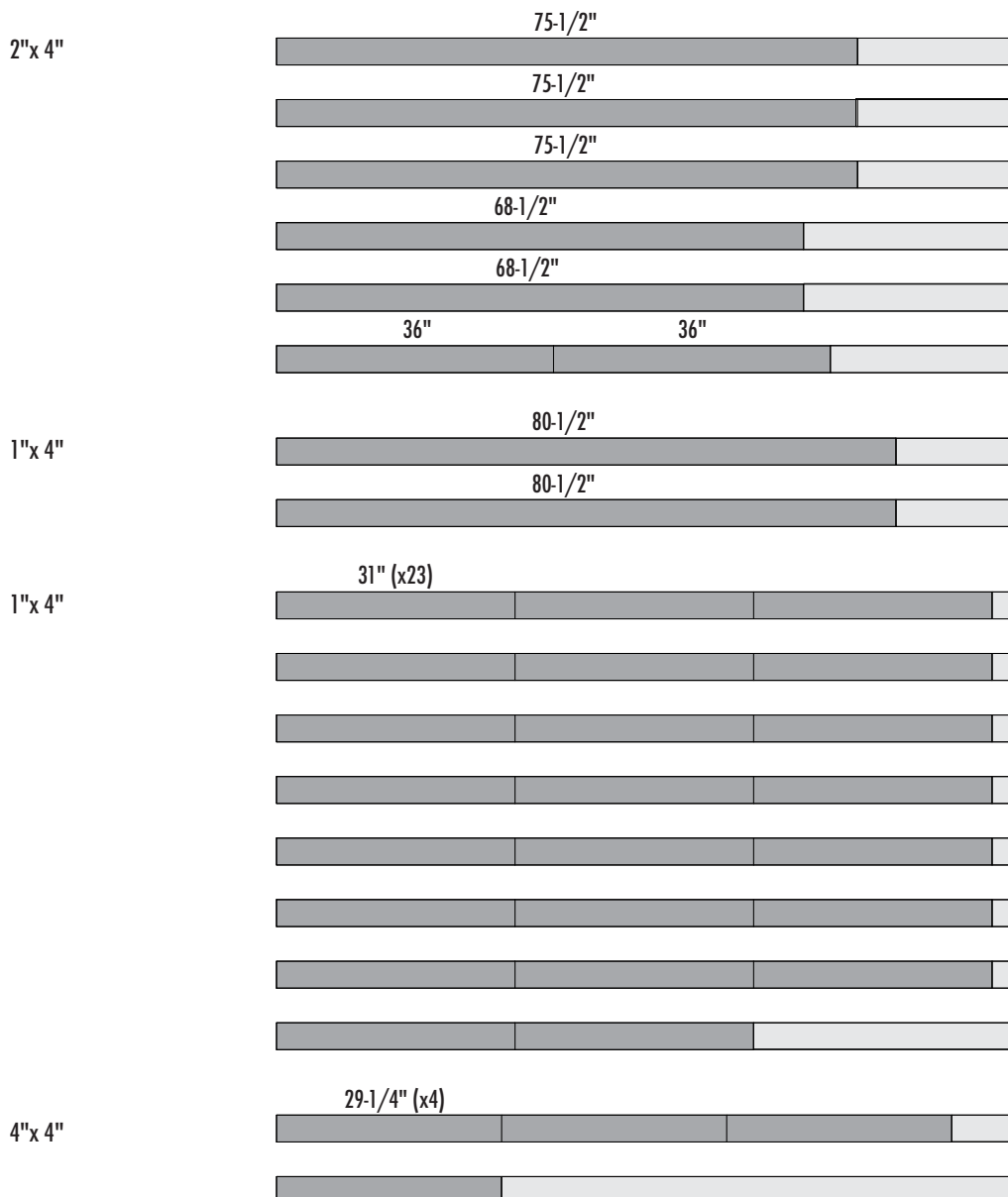
Also Needed: Safety Glasses, Speed Square Pocket Jig and Clamps

# Lumber Cut List

Board*	Description	Cut to	Qty
2" x 4"	Side Apron	75-1/2"	2
2" x 4"	End Apron	36"	2
2" x 4"	Center Brace	75-1/2"	1
2" x 4"	Side Brace	68-1/2"	2
1" x 4"	Side Rails, Table Top	80-1/2"	2
1" x 4"	Center Boards, Table Top	31"	23
4" x 4"	Legs	29-1/4"	4

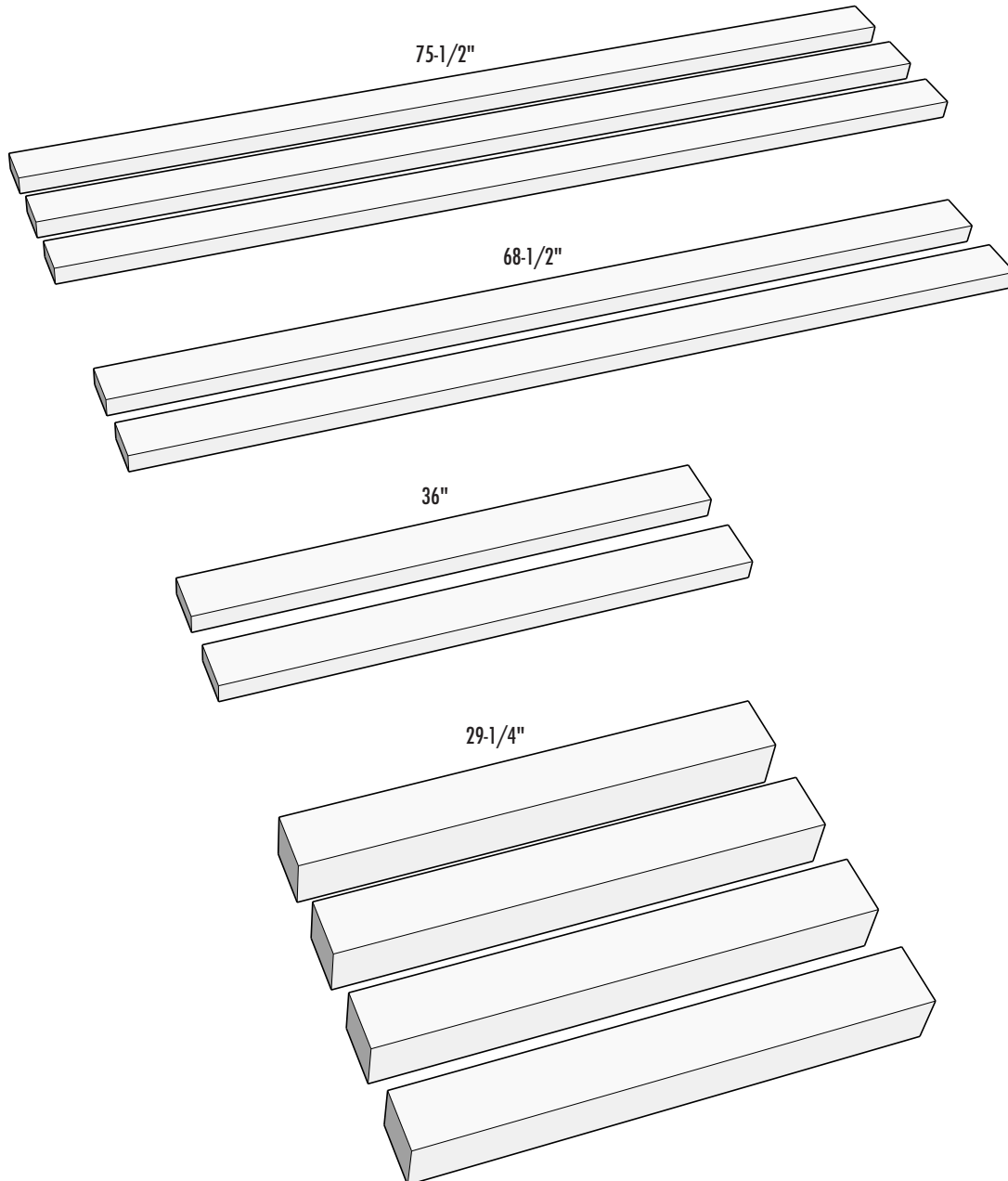
\*Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

## Lumber & Sheet Layout Guide



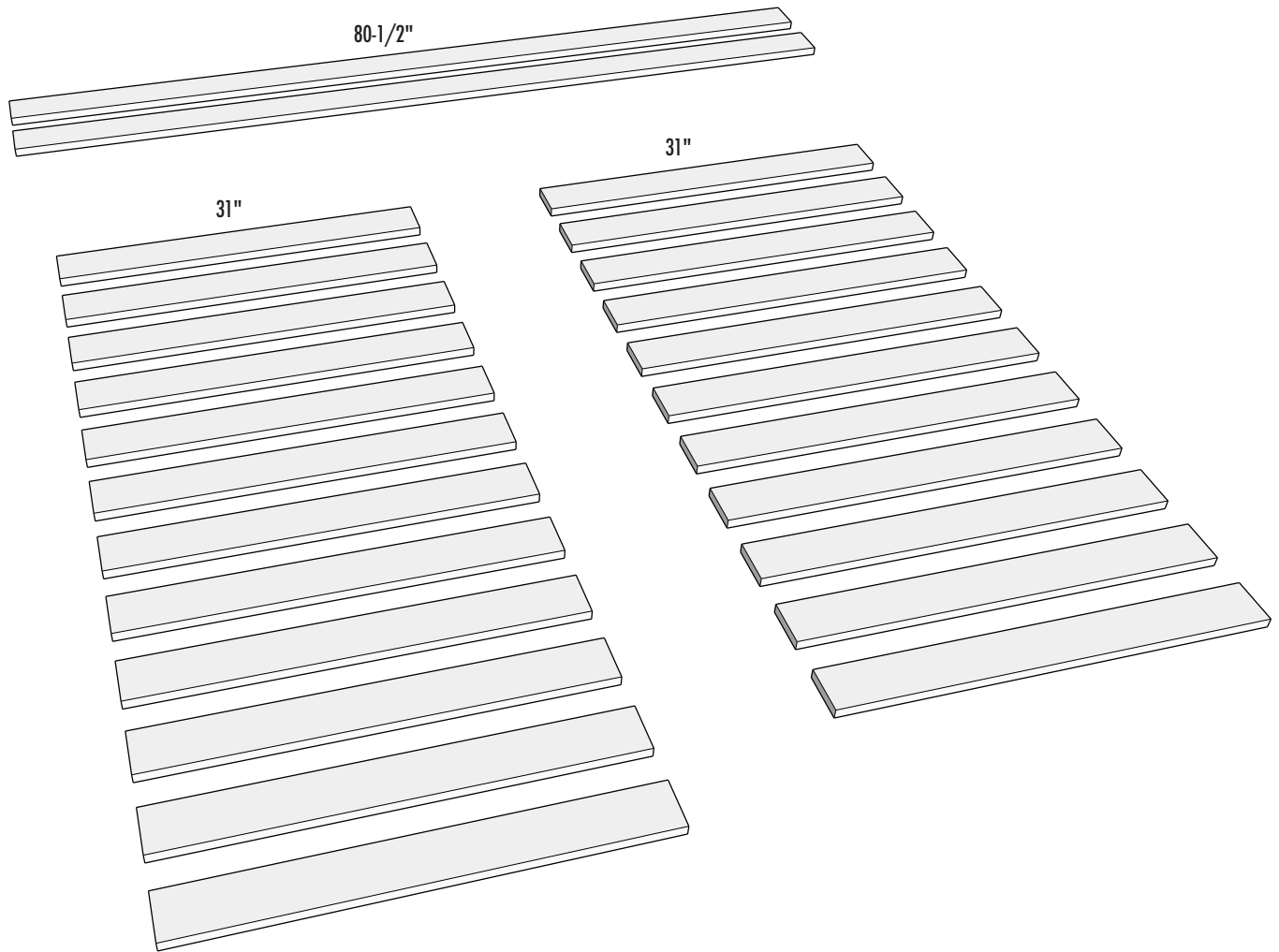
# Lumber & Sheet Cut Layout Guide

## Boards



# Lumber & Sheet Cut Layout Guide

## Boards



## Assembly Instructions

### Step 1



First, cut out all material using the Lumber & Sheet Cut Layout Guide.

Then, you will want to plane all the rough boards to an even, finished thickness.

Plane the 4"x 4" board to 3-1/2" x 3-1/2".

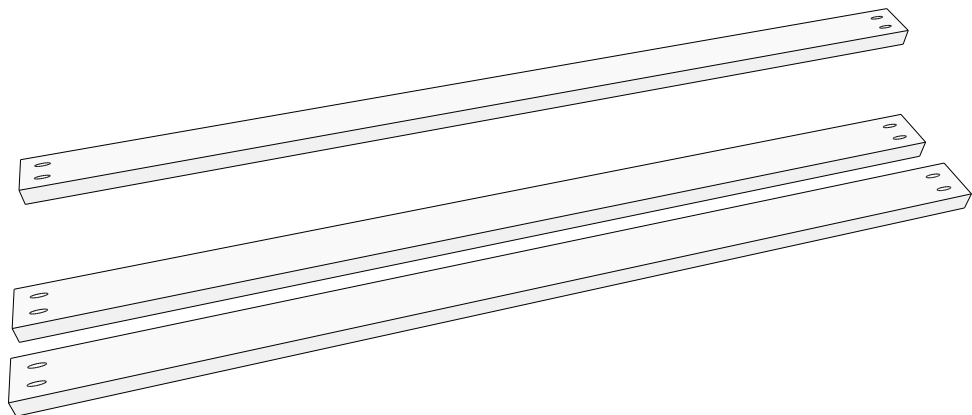
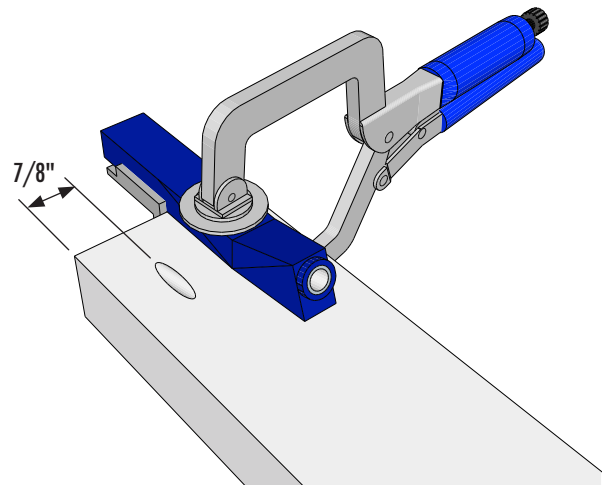
Plane the 2"x 4" board to 1-1/2" x 3-1/2".

Plane the 1"x 4" board to 3/4" x 3-1/2".

### Step 2



Drill (2) pocket holes on each end of the 75-1/2" center brace board and both 68-1/2" side brace boards. Only drill pocket holes on one side. Make sure the holes are 7/8" from each side as shown in the diagram.

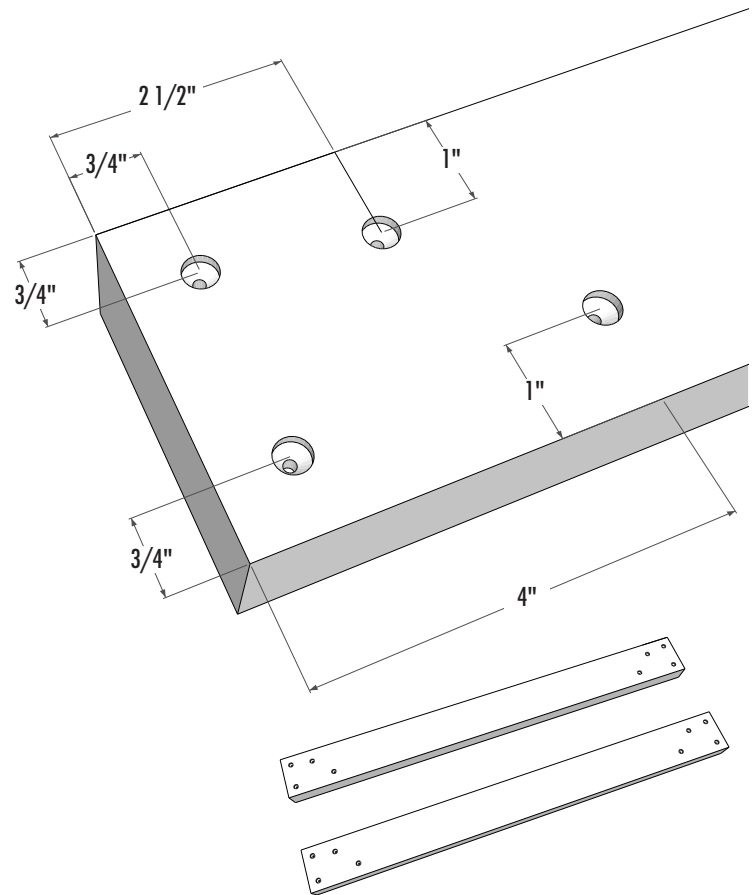


### Step 3



Drill (4) countersink holes on each end of the 36" boards.

Follow the measurements shown in the diagram.

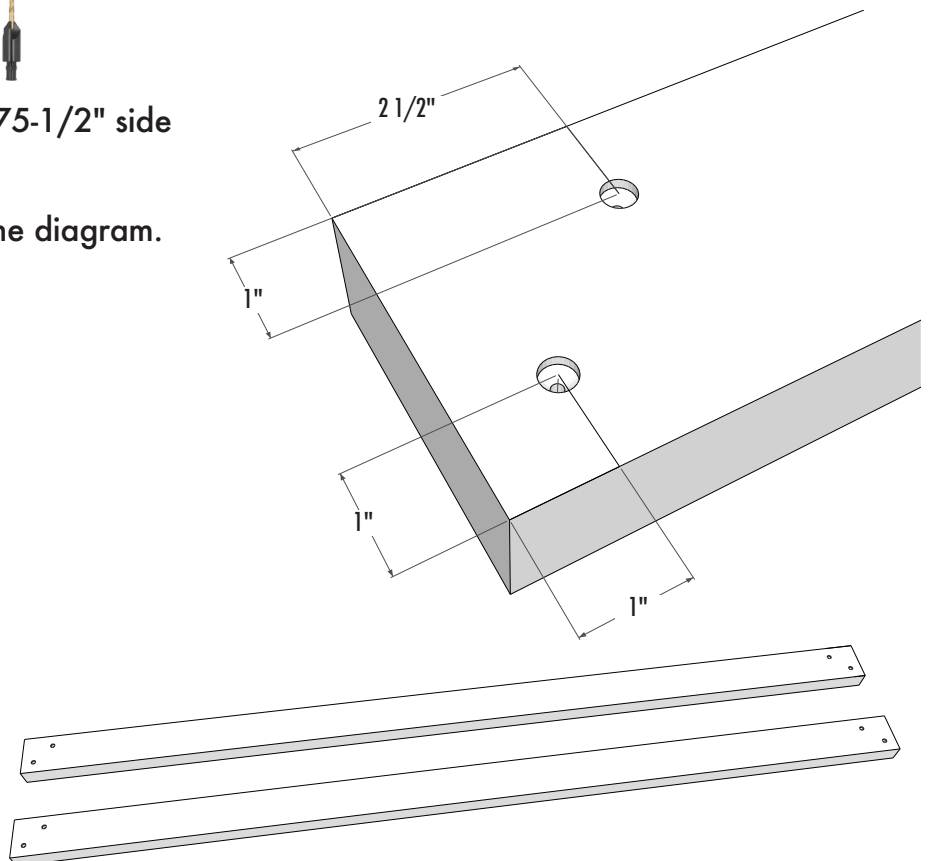


### Step 4



Drill (2) countersink holes in the (2) 75-1/2" side apron boards.

Follow the measurements shown in the diagram.

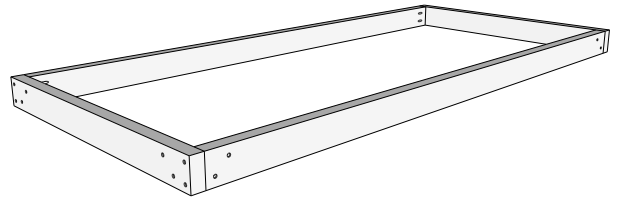


### Step 5



Assemble a box by aligning the 36" boards and 75-1/2" boards.

Glue and attach with 3" deck screws. Thread the deck screws through the (2) outside pocket holes in the 75-1/2" boards.

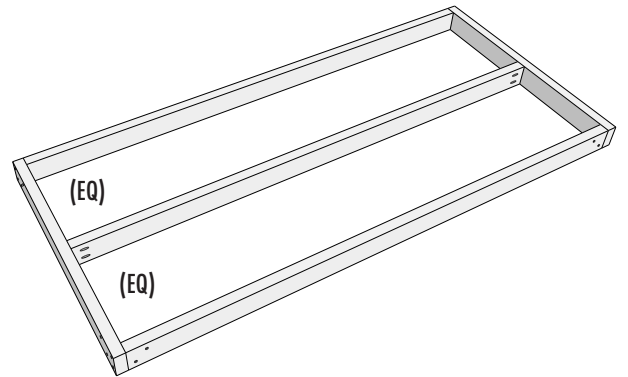


### Step 6



Find the center of the box created in Step 5. Align the 75-1/2" brace board so that it is equal distance (EQ) from each side.

Glue and attach the board with 2-1/2" pocket hole screws.

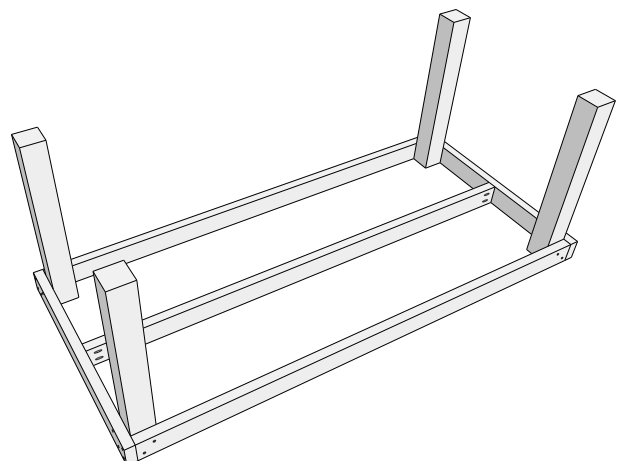


### Step 7



Align the 4" x 4" legs into each corner.

Glue and attach the legs with 3" deck screws.





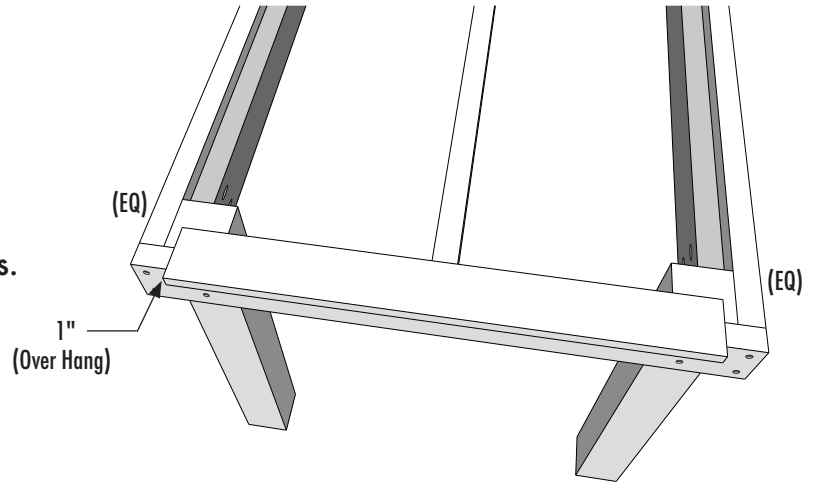
### Step 8



Stand the table upright.

Align a 31" tabletop board to the end of the table. Allow a 1" overhang on the side and allow equal space at each end.

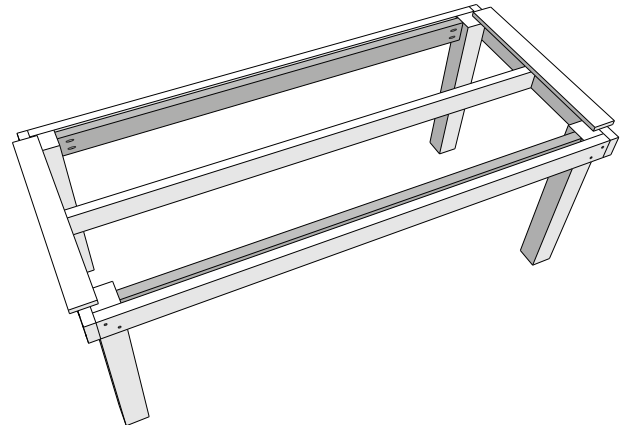
Glue and nail in place with 1-1/2" brad nails.



### Step 9



Repeat Step 8 at the opposite end of the table.

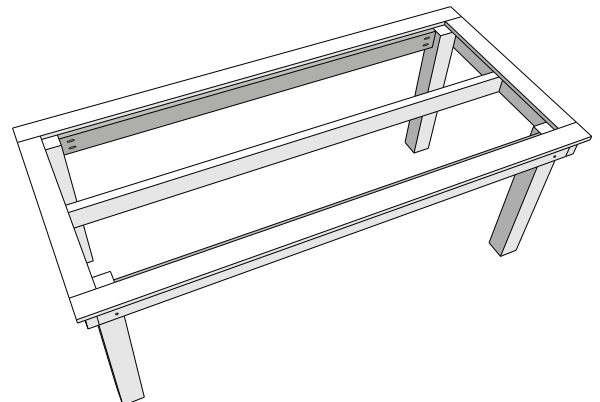


### Step 10



Align the 80-1/2" side rail boards on both sides. Align them evenly with the edge of the table.

Glue and nail in place with 1-1/2" brad nails.

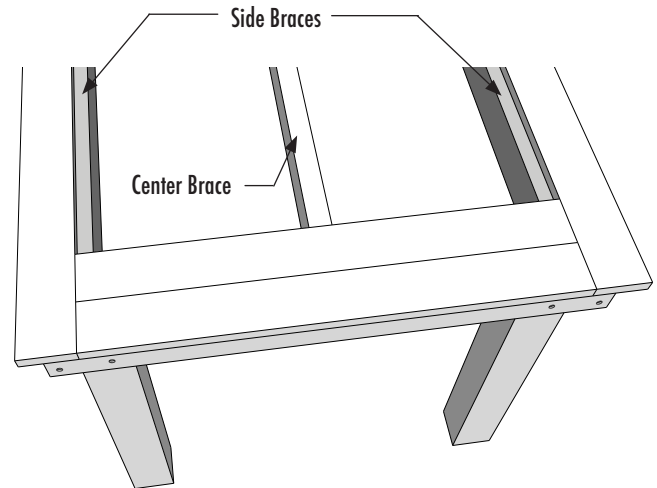


### Step 11



Start adding 31" boards to the inside of the tabletop frame.

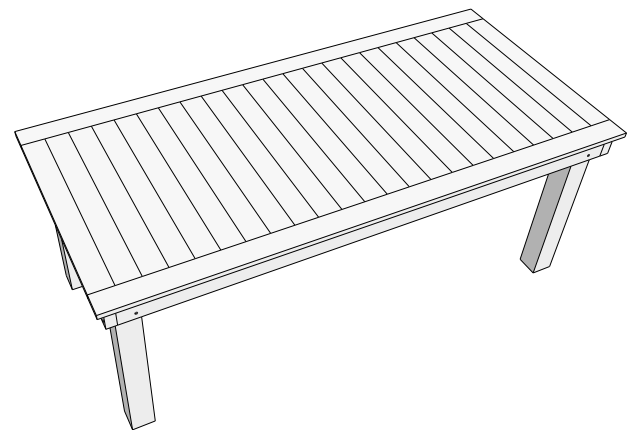
Glue and attach to the side and center boards with 1-1/2" brad nails.



### Step 12



Repeat Step 11 and add remaining center boards.



### Step 13



Plug countersink holes. Sand and stain to your desired finish.



## Step 14

Project complete!



**Rougher finish** – Use 60-80 grit sandpaper to hand sand with the grain of the wood.

**Smoother finish** – Use 60-80 grit sandpaper to remove scratches & imperfections.  
Followed by using 120-220 grit to smooth.

**Finish Sanding** – Use 320-400 grit sandpaper

**Super fine sanding** – Use 600+ grit sandpaper