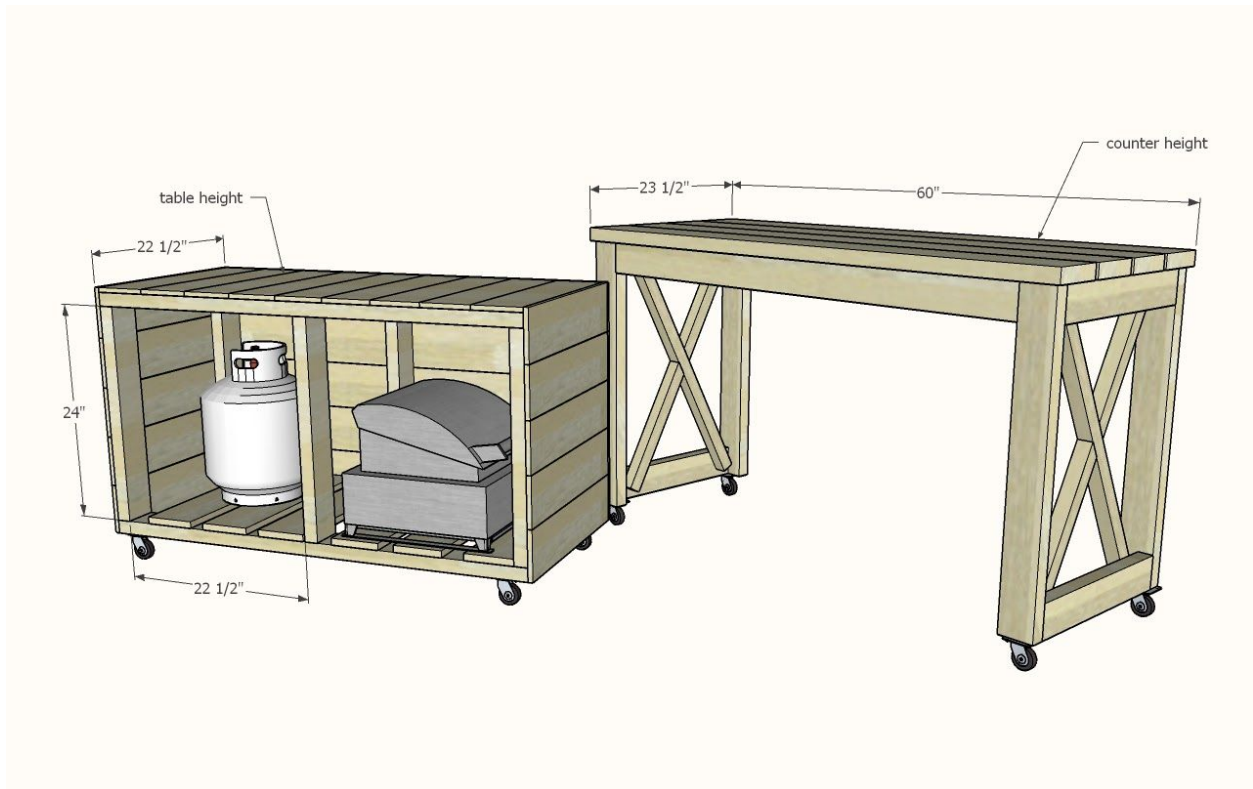


# AnaWhite

## PORTABLE GRILL STATION



It's an outdoor console, grill station, bar table, all-in-one that can be configured in endless ways to suit your space and your gathering.

The bar top is counter height and works with counter height stools.

The grill station is table height to allow for a portable grill, and can store a grill and propane bottom inside.

## Materials

X	Quantity	Description
	2	2x6 @ 8 feet long
	7	2x4 @ 8 feet or 92- $\frac{5}{8}$ " stud length
	2	2x2 @ 8 feet long
	12	5- $\frac{1}{2}$ " wide Cedar Fence Pickets (can be dogeared, but prefer not)
	8	2- $\frac{1}{2}$ " diameter caster wheels for exterior use
	100	2- $\frac{1}{2}$ " to 3" long self tapping exterior screws (recommend star bit wood construction screws)
	150	1- $\frac{1}{4}$ " to 1- $\frac{1}{2}$ " long self tapping exterior screws (recommend star bit wood construction screws)
		Exterior wood stain or paint (about a quart)
	8	Caster Wheels, 2- $\frac{1}{2}$ " diameter (4 braking recommended)

## Tools

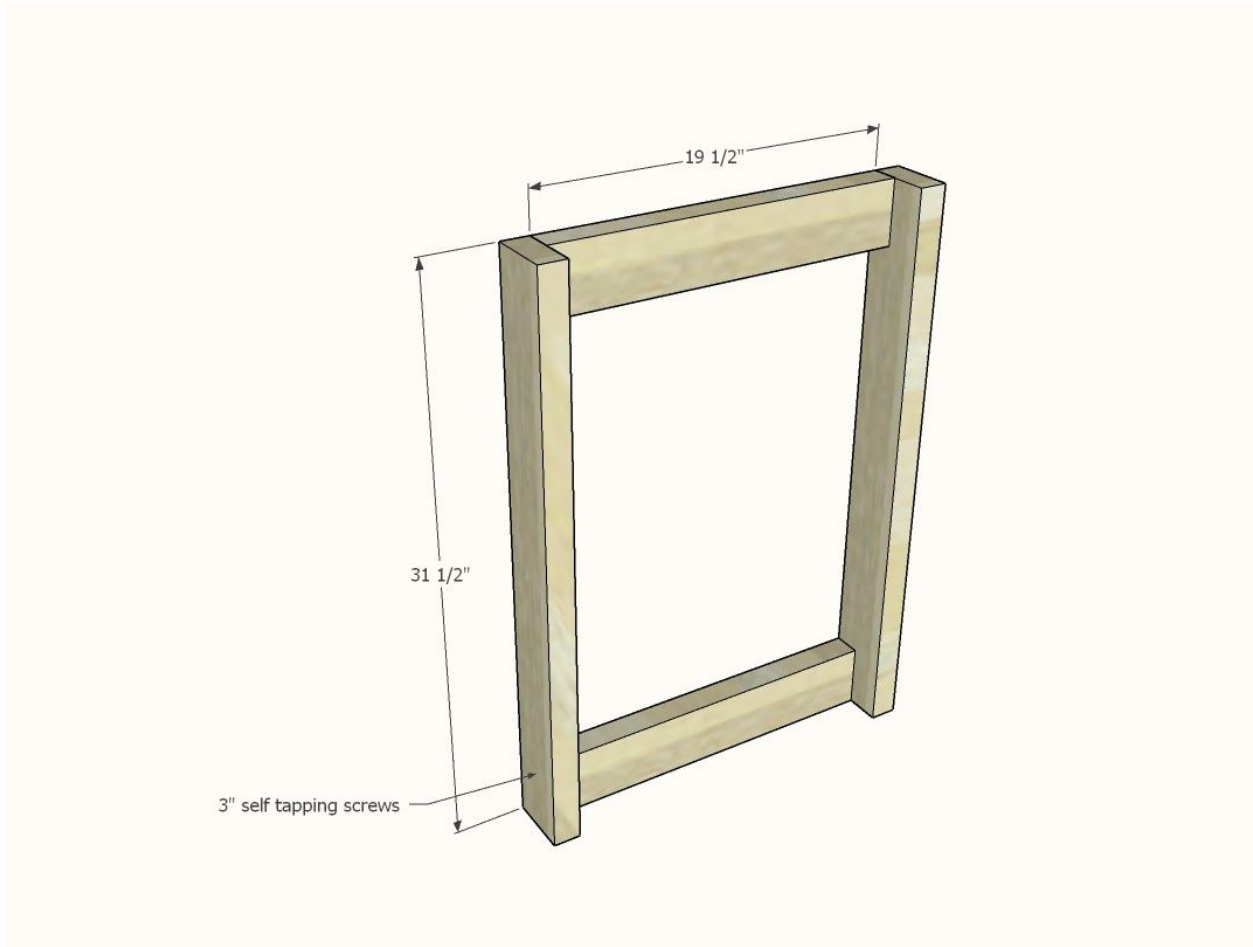
- Measuring Tape
- Safety Glasses
- Compound Miter Saw (preferred) or Circular Saw with clamps and clamping surface
- Drill with drill bits to match the screws (often comes with the screws)
- Power Sander

## Cut List

X	Quantity	Description
	4	2x4 @ 19-1/2" - Bar Sides
	4	2x4 @ 31-1/2" - Bar Legs
	2	2x4 @ 52" - Bar Long Aprons
	4	2x4 @ 60" - Bar Top (cut 2x6s in half)
	4	2x4 @ 49-1/2" - Cart Top/Bottoms
	6	2x4 @ 24" - Cart Verticals
	20	5-1/2" wide cedar fence pickets @ 22"
	5	5-1/2" wide cedar fence pickets @ approximately 50-1/2" (save scraps for shelving)

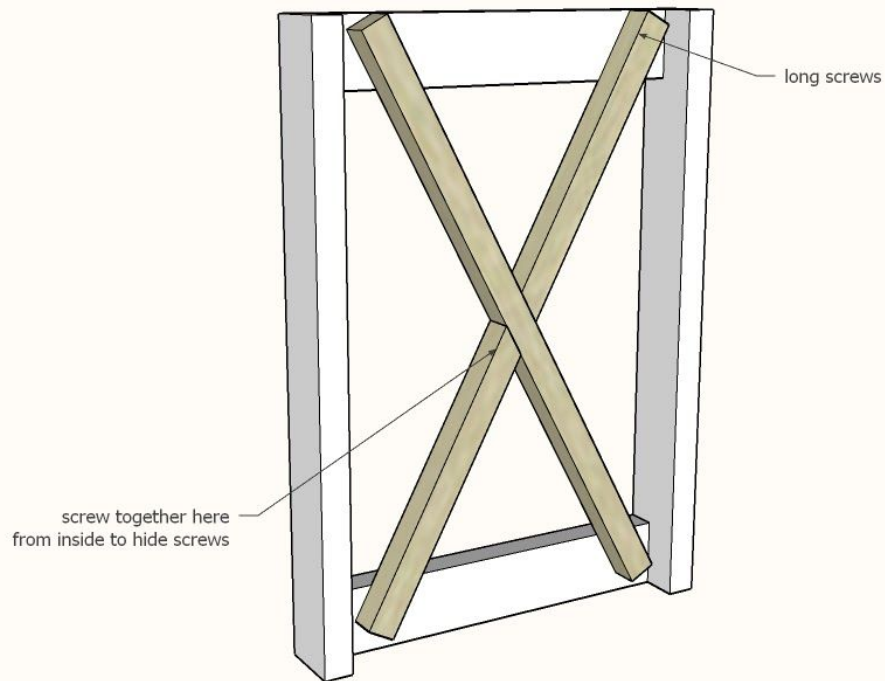
### Suggested 2x4 Cut Layouts per Board

- 52 | 31-1/2"
- 52 | 31-1/2"
- 49-1/2" | 19-1/2" | 24"
- 49-1/2" | 19-1/2" | 24"
- 49-1/2" | 19-1/2" | 24"
- 49-1/2" | 19-1/2" | 24"
- 24" | 24" | 19-1/2"



## Step 1: Bar Sides

Build two bar sides identical by attaching the legs to the 19- $\frac{1}{2}$ " side pieces. Use the longer screws, two per joint. All outside edges are flush, everything is flush to the back.



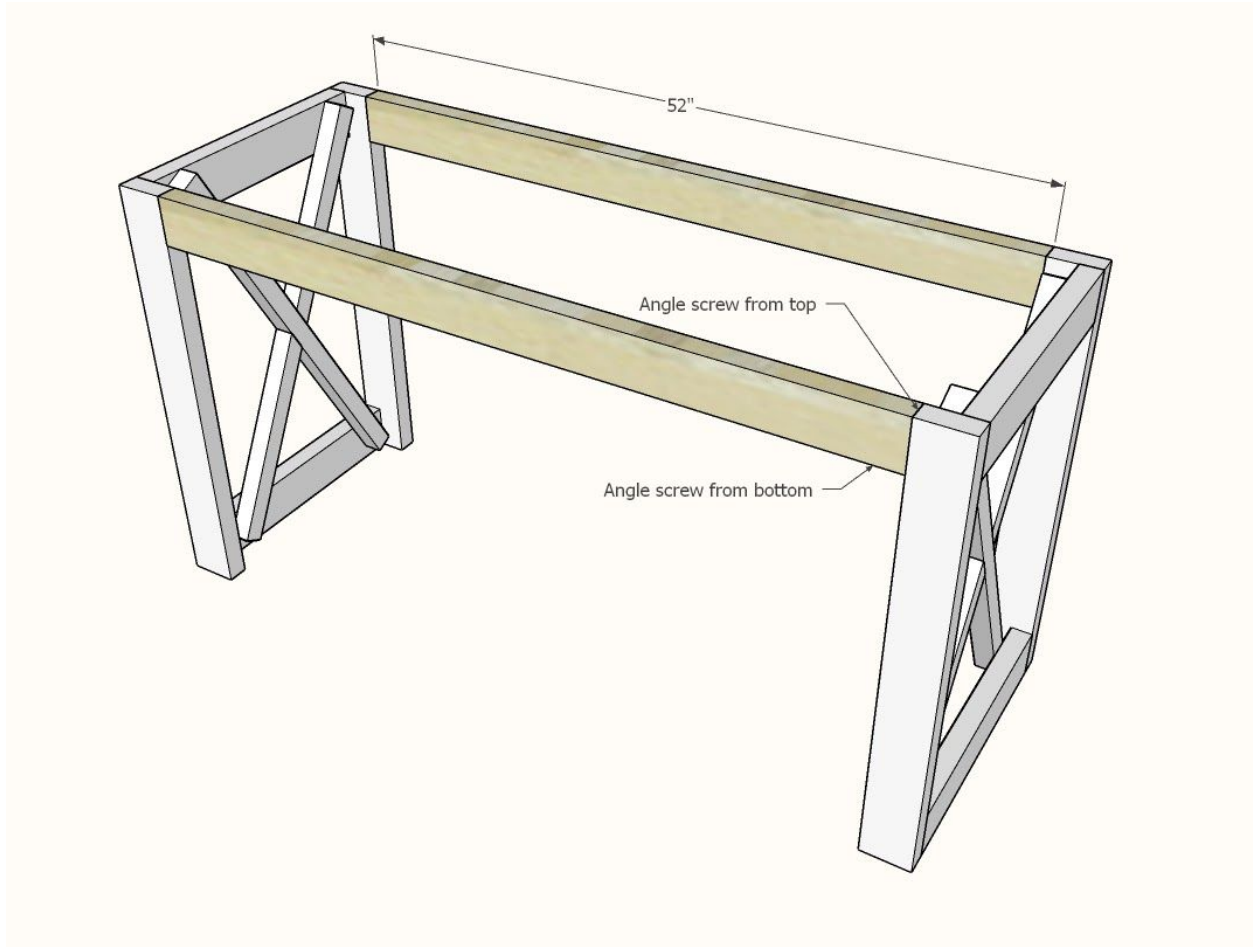
## Step 2: X Bracing

Lay the 2x2s out over the side openings and trace with a pencil. Cut off ends (can be cut at an angle to match or simply cut square as shown).

Overlap and trace the overlap in the middle. Cut one of the 2x2s on the overlap lines.

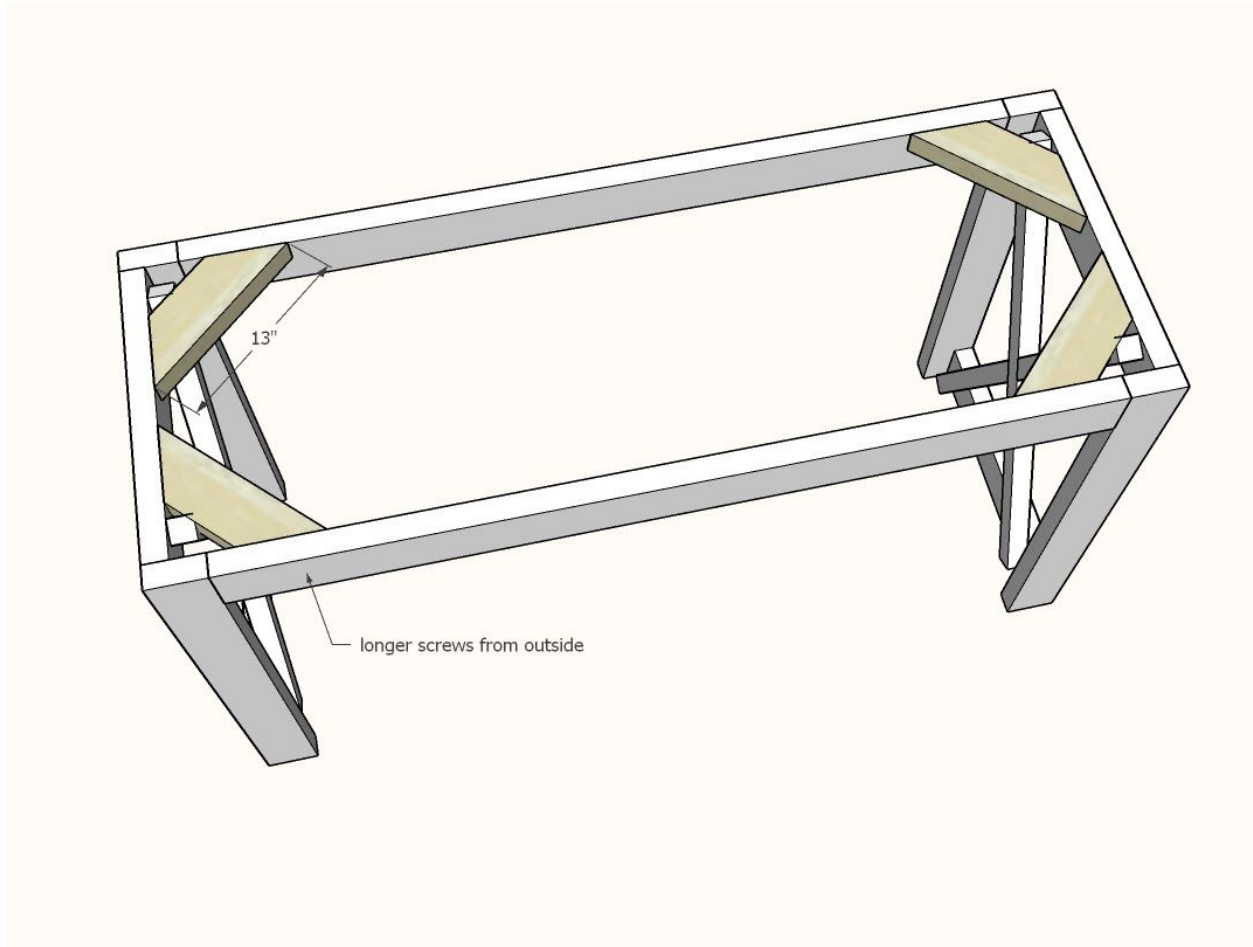
Attach to the sides with a single longer screw, and longer screws at the intersection of the 2x2s.

Repeat for both sides.



### Step 3: Bar Aprons

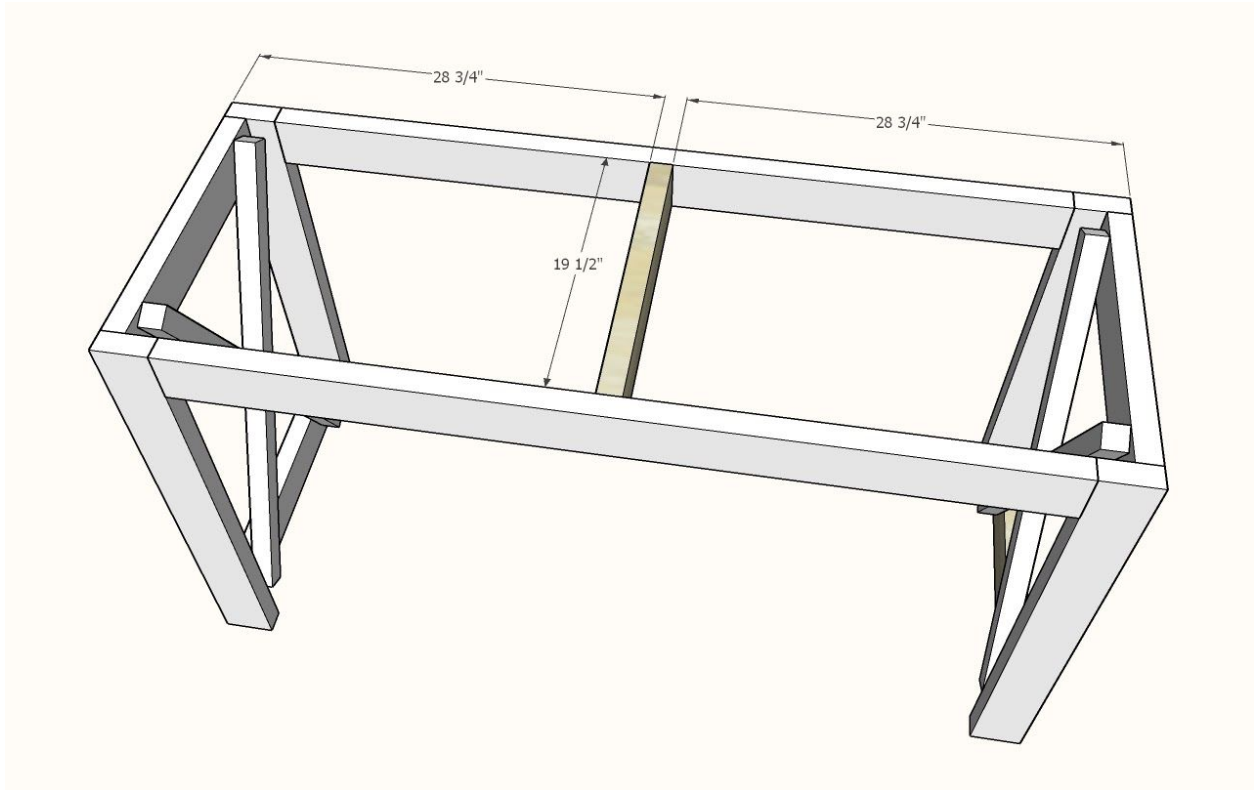
Attach bar aprons to the legs with the longer screws at an angle or use a Kreg Jig on the 1-½" setting with 2-½" screws.



#### Step 4: Optional Cross Bracing

If you did not use pocket hole screws and want to add additional bracing, you can use either 2x4 or 2x2 scraps with ends cut at 45 degrees, about 12-13" long, as shown in the diagram.

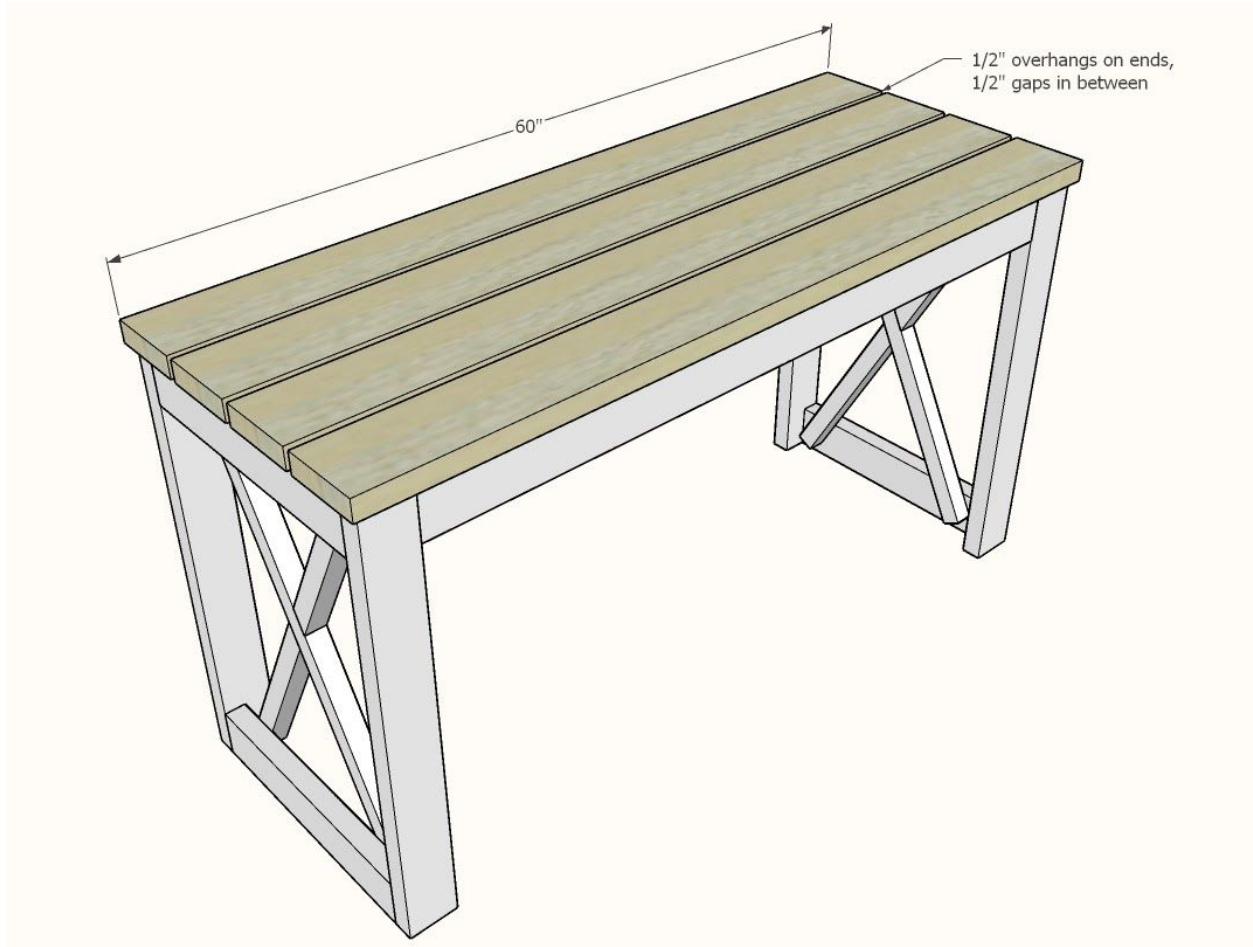
Avoid cutting angles from 2x4s from small pieces of wood - always secure with clamps before cutting.



### Step 5: Bar Center Support

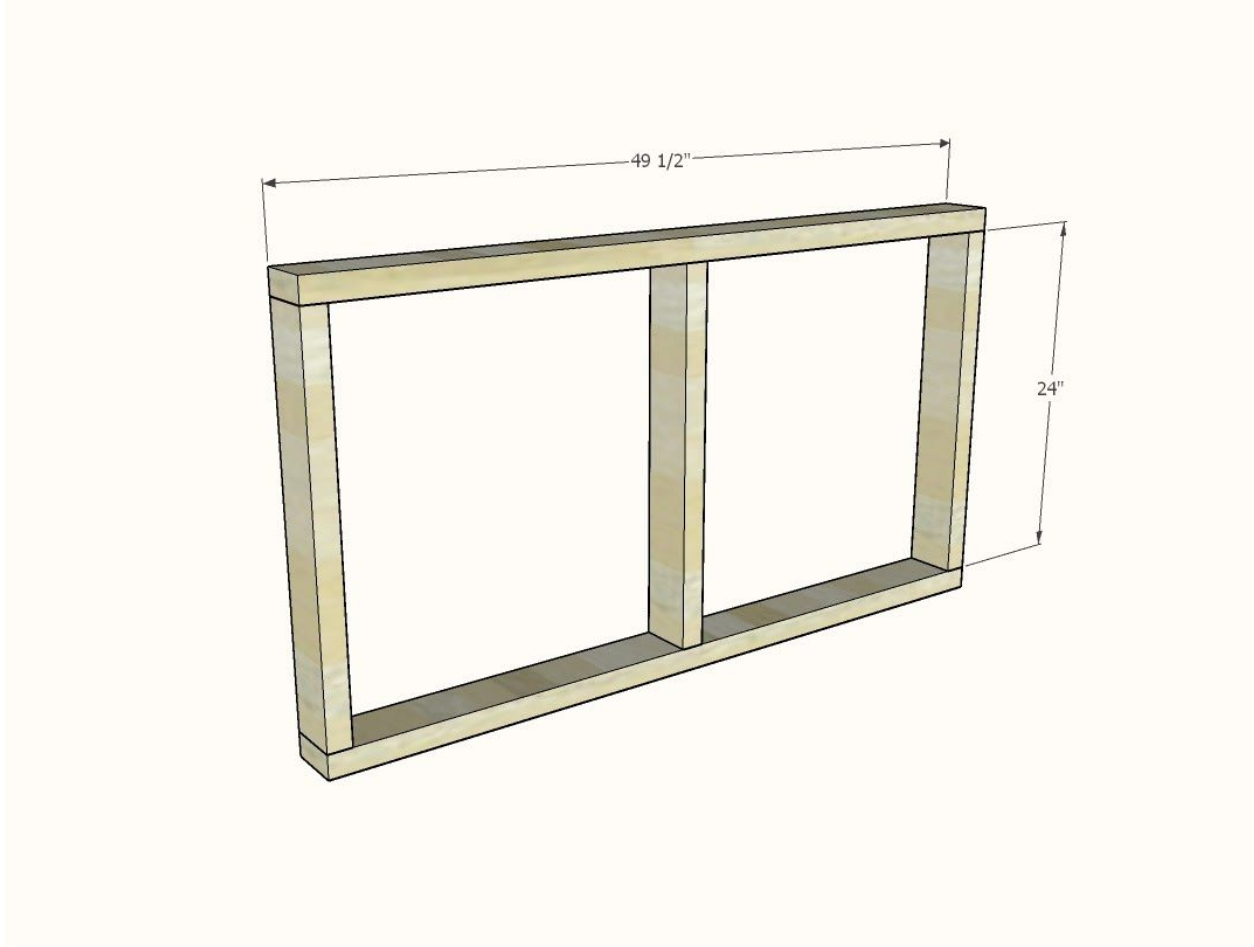
Attach with longer screws the remaining 2x4 @ 19-1/2" long in the center - you need this board to help support the 2x6 top.





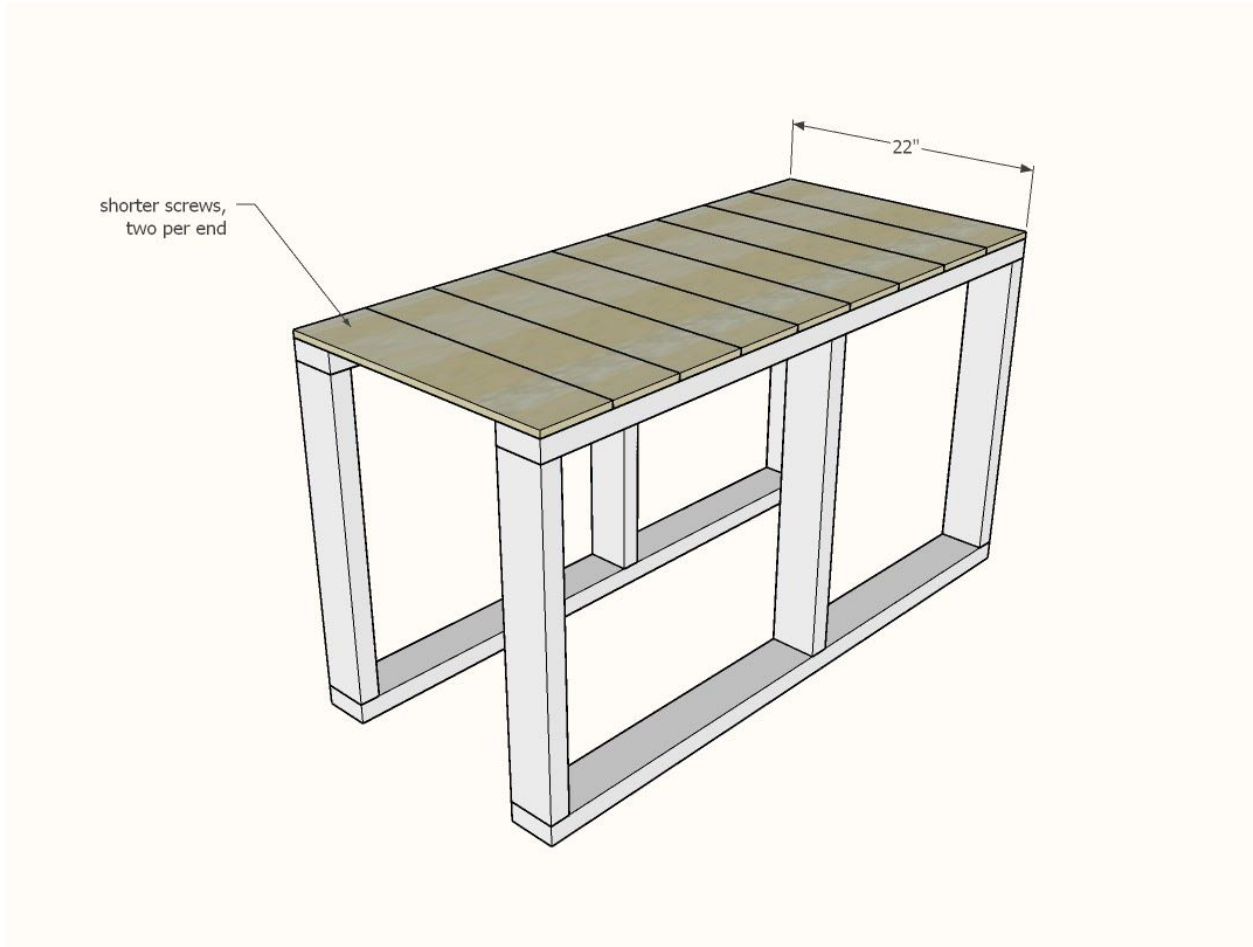
## Step 6: Bar Top

Layout the 2x6 bar top boards on top of the bar, with even overhangs (about  $\frac{1}{2}$ " ) on the ends and sides, and about  $\frac{1}{2}$ " gap in between. Secure with longer screws into the legs, and the center support.



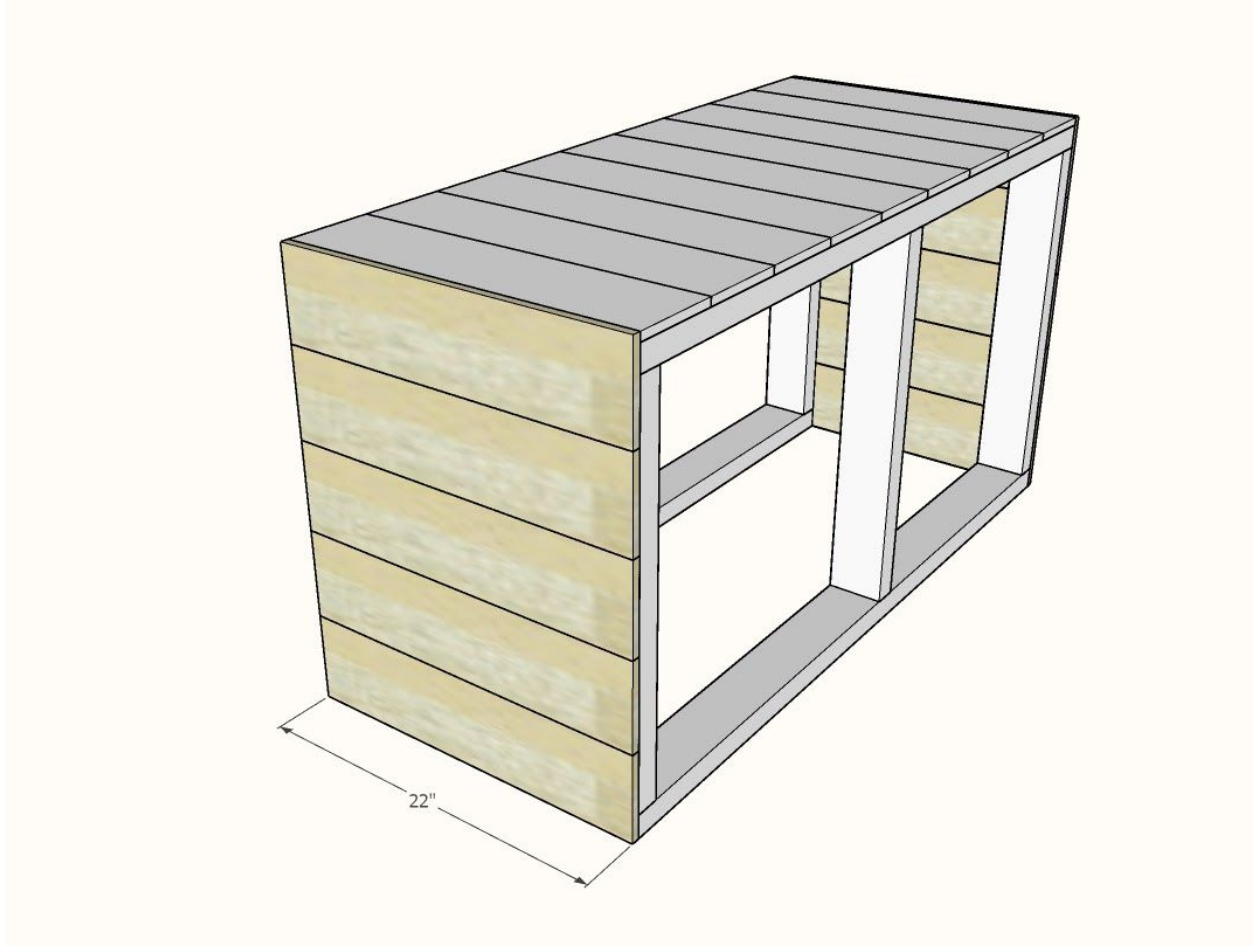
Step 7: Grill Cart Framing

Use the longer screws to build two identical frames for the grill cart, two screws per joint.



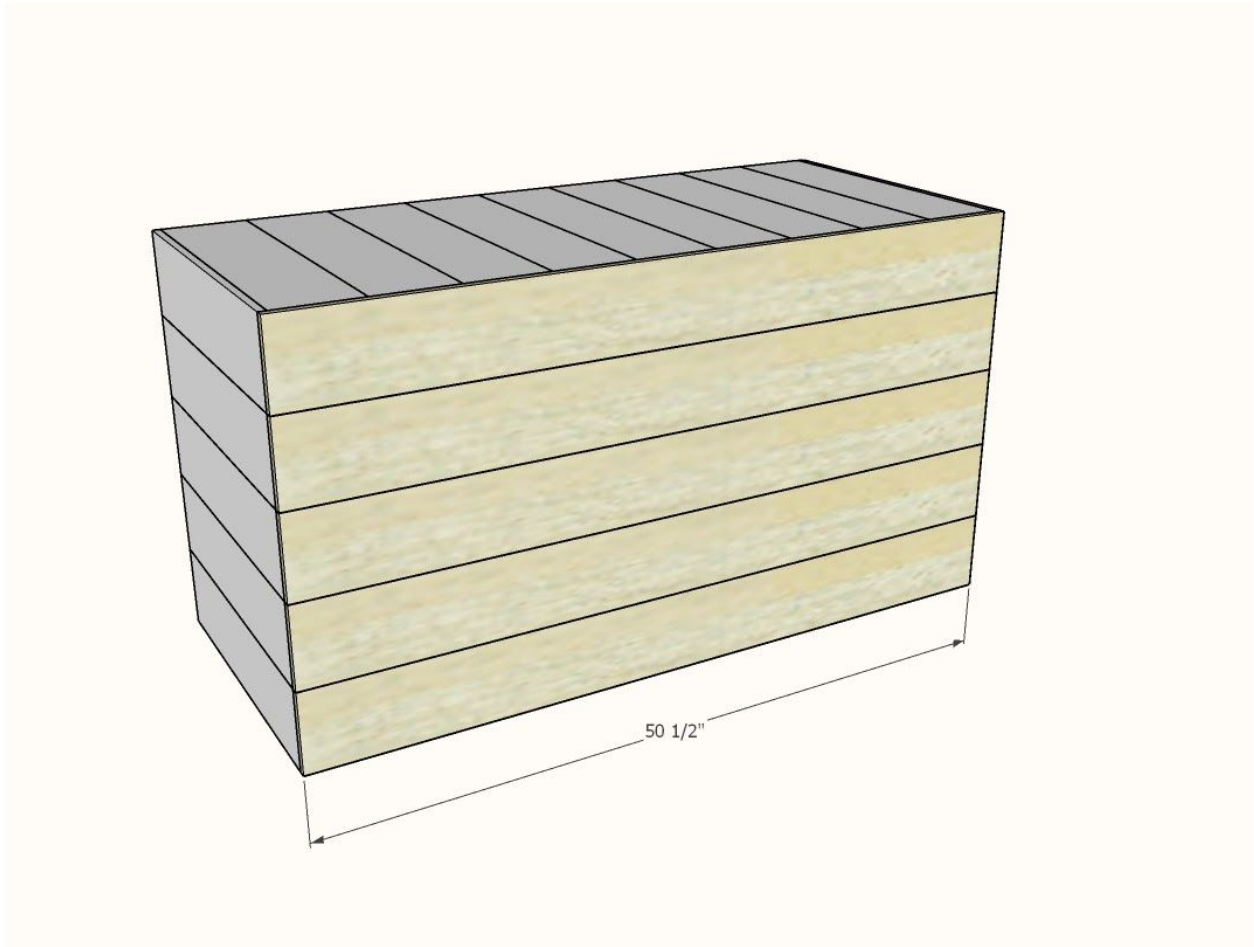
### Step 8: Grill Cart Top

Layout the grill cart top boards, evenly spacing with small gaps in between. Secure with the shorter screws, two screws per end of each cedar fence picket.



Step 9: Grill Cart Sides

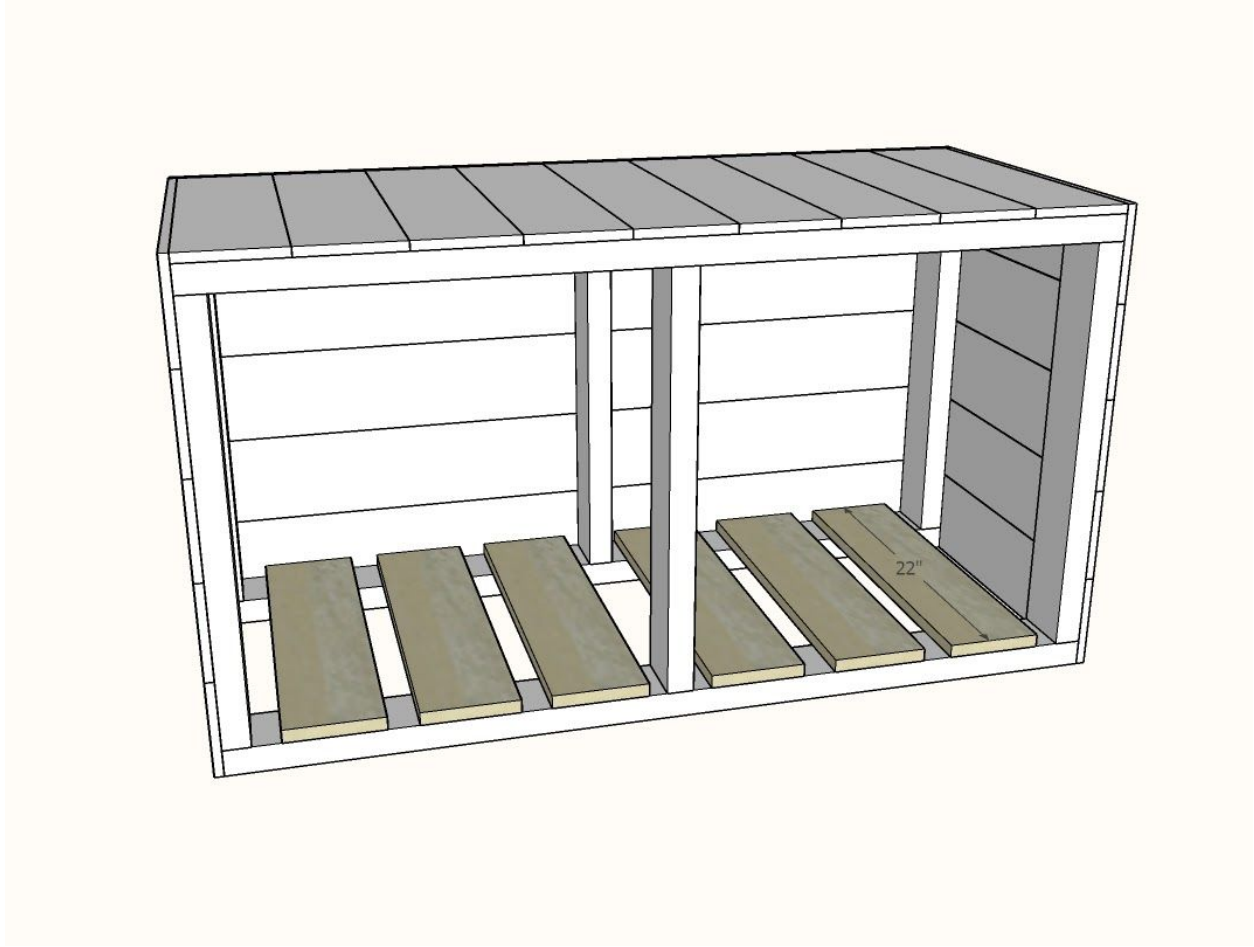
Repeat steps for the two sides of the grill cart.



## Step 10: Grill Cart Front

Measure the width of the front of the grill cart and cut the front pieces from remaining cedar fence pickets. Save the scraps.

Attach to the front with shorter screws, also attaching in the middle to the middle 2x4 support.



### Step 11: Grill Cart Shelves

Place remaining scraps inside the cart and secure with screws.



## Step 12: Caster Wheels

Attach caster wheels to the base with the shorter screws. We recommend braking casters for two wheels on each of the pieces.