REAL CEDAR PATIO TABLE
(with Built-in Cooler)

DESIGN: REAL CEDAR ORIGINAL

A STYLISH OUTDOOR TABLE WITH A TWIST

Ideal for outdoor dining, but stylish enough for indoors, this incredibly attractive table features angled legs, crisp, clean lines and its own built-in ice box to keep your favorite beverages cool. Made with beautiful Western Red Cedar, nature's most versatile building material, the cooler table is naturally resistant to rot, decay and insects. You can let your table weather naturally to a beautiful silvery patina, or you can stain it any way you want to bring out Real Cedar's gorgeous grain and lustre. In terms of grades, choose Architect Knotty for a more rustic look and Architect Clear for a polished contemporary look.

CUTS

Part	Description	Finished Size			Nominal Size	Material	Quantity
		T	W	L			
A	Front Legs	1-1/2"	5-1/2"	31-1/2"	2 x 6	Select Knotty Western Red Cedar	4
B	Side Legs	1-1/2"	3-1/2"	31-1/2"	2 x 4	Select Knotty Western Red Cedar	4
C	Frame Front	1-1/2"	5-1/2"	64-3/4"	2 x 6	Select Knotty Western Red Cedar	2
D	Frame Side	1-1/2"	5-1/2"	35"	2 x 6	Select Knotty Western Red Cedar	2
E	Frame	1-1/2"	3-1/2"	32"	2 x 4	Select Knotty Western Red Cedar	2
F	Frame	1-1/2"	3-1/2"	32"	2 x 4	Select Knotty Western Red Cedar	2
G	Frame	1-1/2"	3-1/2"	64-3/4"	2 x 4	Select Knotty Western Red Cedar	2
H	Frame	1-1/2"	1-1/2"	32"	2 x 2	Select Knotty Western Red Cedar	2
I	Support	1-1/2"	1-1/2"	22"	2 x 2	Select Knotty Western Red Cedar	2
J	Support Side	1-1/2"	3-1/2"	5-1/2"	2 x 4	Select Knotty Western Red Cedar	2
K	Support Bottom	3/4"	6"	25"	1 x 6	Select Knotty Western Red Cedar	1
L	Top	1-1/2"	5-1/2"	71-1/4"	2 x 6	Select Knotty Western Red Cedar	6
M	Top	1-1/2"	5-1/2"	23-5/8"	2 x 6	Select Knotty Western Red Cedar	2
N	Cover	1-1/2"	5-1/2"	23-3/4"	2 x 6	Select Knotty Western Red Cedar	1

SHOPPING LIST

All lumber should be Select Knotty Grade, Kiln Dried (KD) and smooth on all four sides (S4S).

	Description	Nominal Size x Length	Material	Quantity
Wood	WRC Dimensional Lumber	2 x 6 x 8'	Knotty Western Red Cedar	10
Wood	WRC Dimensional Lumber	2 x 4 x 8'	Knotty Western Red Cedar	5
Wood	WRC Dimensional Lumber	1 x 6 x 4'	Knotty Western Red Cedar	1
Wood	WRC Dimensional Lumber	2 x 2 x 8'	Knotty Western Red Cedar	2
	(alternately, one 2 x 4 x 8' can be substituted and ripped to provide the 2 x 2 lengths needed)			
Hardware	Regular head decking screws	3"	Stainless steel	75
Hardware	Trim head decking screws	2-1/2"	Stainless steel	20
Hardware	Star drive round washer head shear screws	3"	Galvanized	20

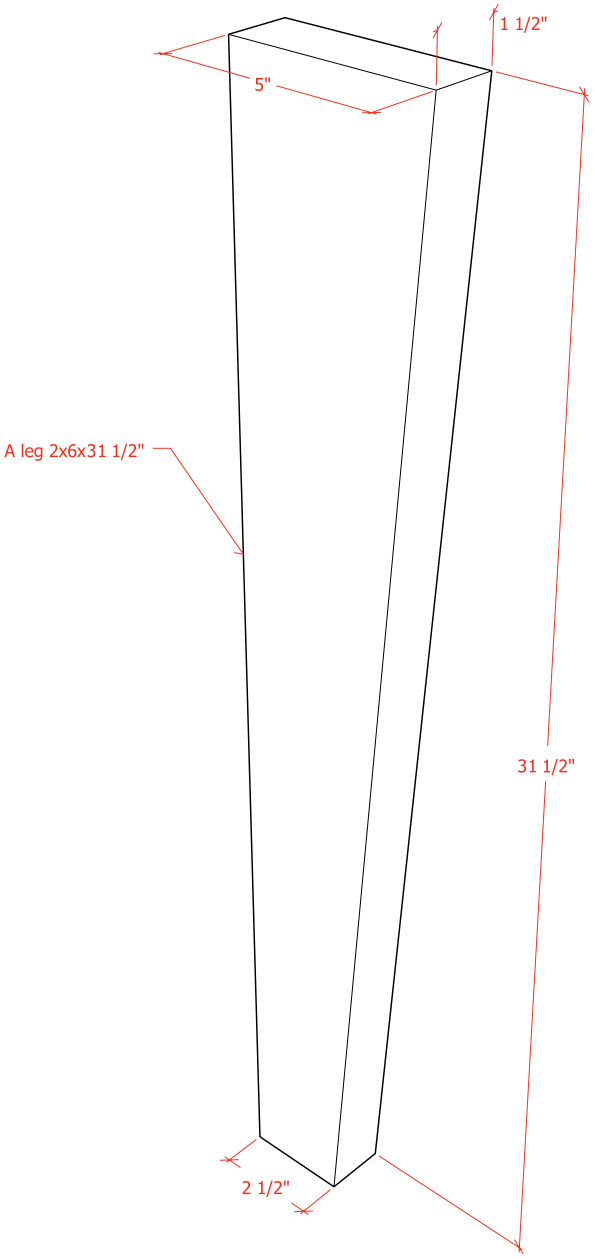
INSTALLATION PRO TIPS

1. For all outdoor work, you should use corrosion-resistant stainless steel or hot-dipped galvanized nails. Other fasteners and hardware such as bolts, screws and hinges should also be made from similar corrosion resistant materials.
2. You can let the cedar weather naturally (eventually turning a beautiful silvery patina), or you can choose to finish the structure–in which case, apply the finish to all six sides of the components before assembly.

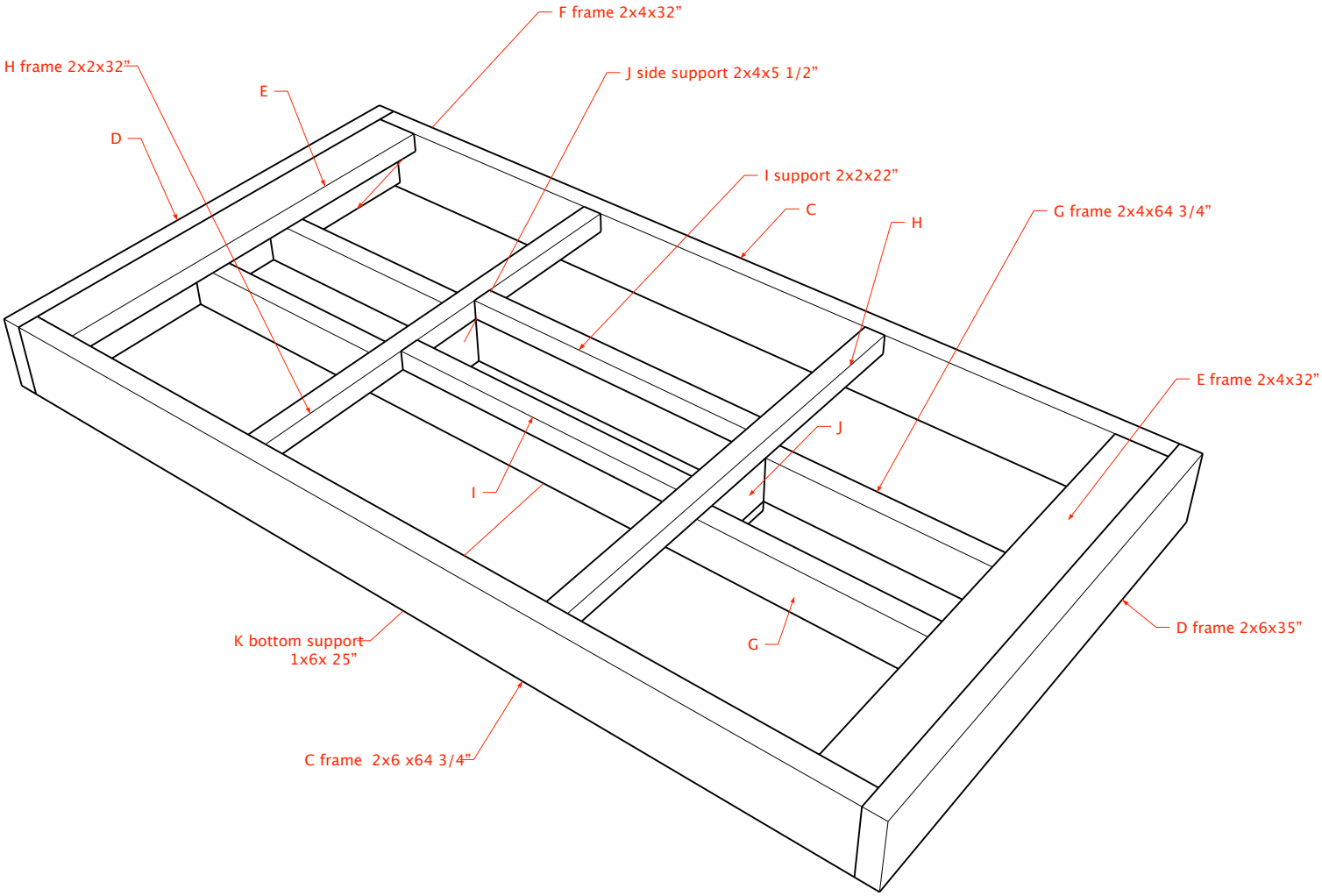
STEP 1.
CUT COMPONENTS

Inspect, measure and cut all table components to the specifications in the materials list. Take careful note of the measurements for the 2x6 and 2x4 table legs, as these create the angles of the legs. Once one of each has been cut, they can be used as stencils for the remaining legs.

Part A: Front Legs
Quantity: 4



Part B: Side Legs
Quantity: 4



Part C: Frame Front, Quantity: 2

Part D: Frame Side, Quantity: 2

Part E: Frame, Quantity: 2

Part F: Frame, Quantity: 2

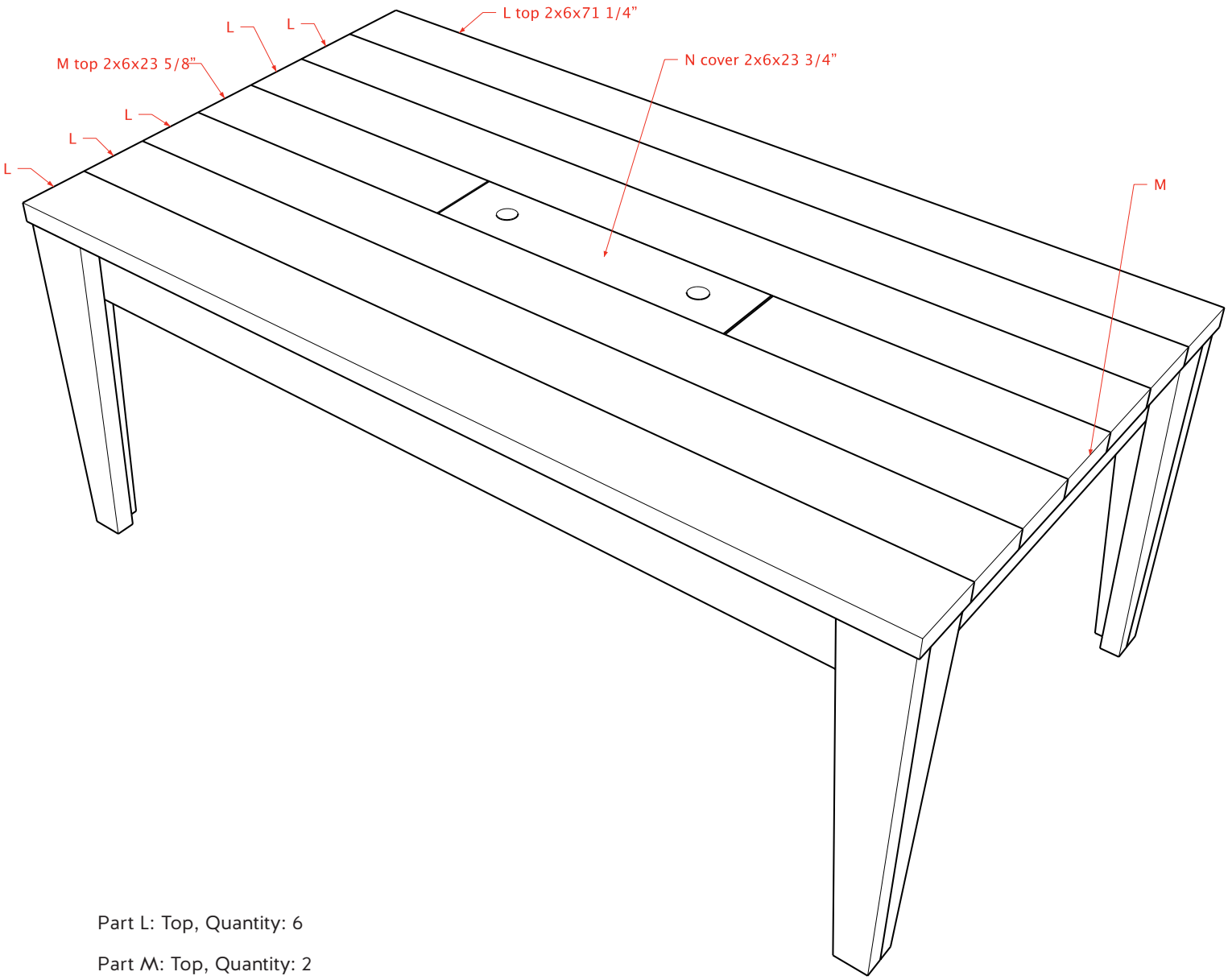
Part G: Frame, Quantity: 2

Part H: Frame, Quantity: 2

Part I: Support, Quantity: 2

Part J: Support Side, Quantity: 2

Part K: Support Bottom, Quantity: 1



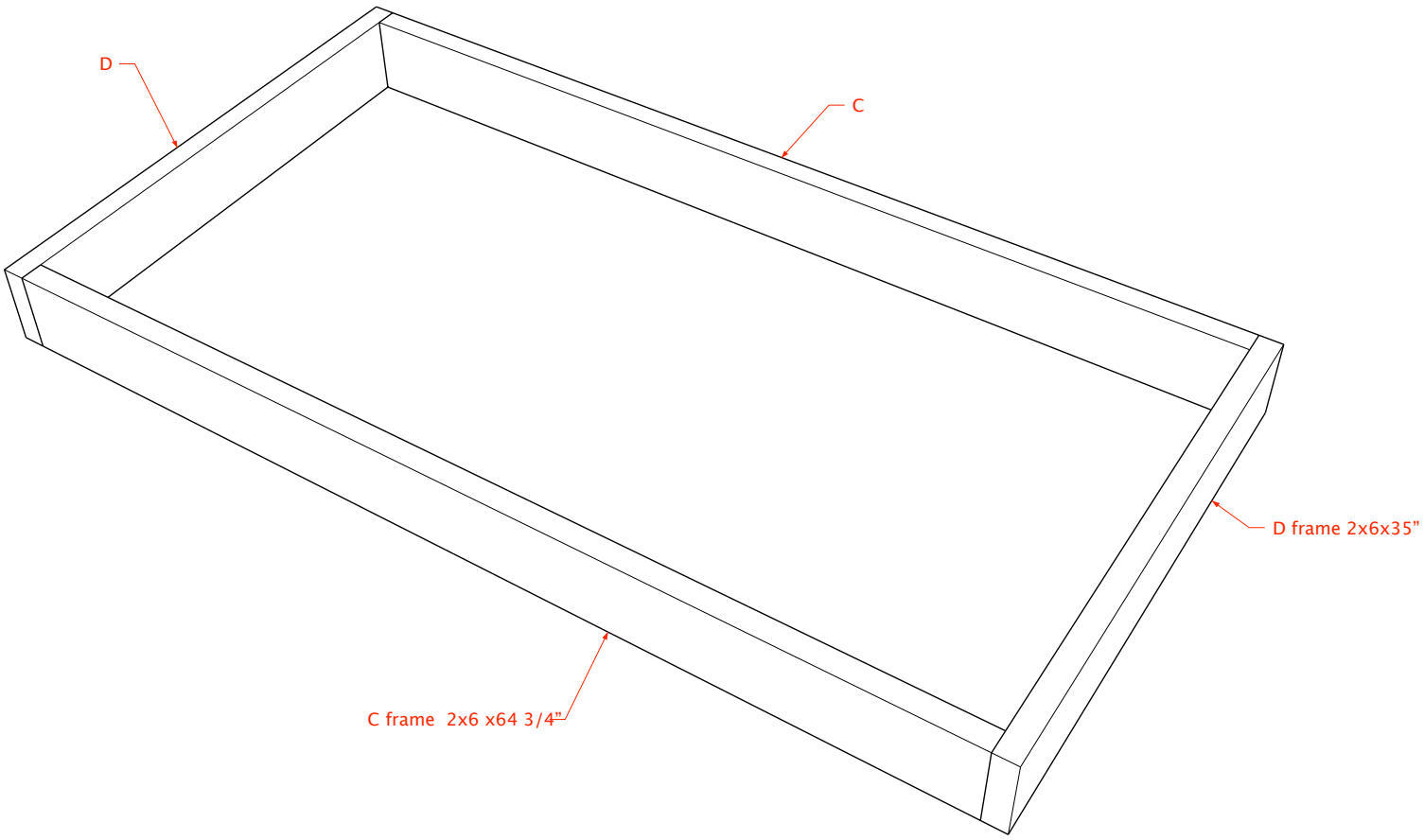
Part L: Top, Quantity: 6

Part M: Top, Quantity: 2

Part N: Cover, Quantity: 1

STEP 2.
BUILD THE OUTER FRAME

Working on a level surface, lay out the 2x6 outer frame as shown. Spread a light amount of glue on the contact areas and fasten with 3" screws. You can check that the frame corners are all 90˚ by measuring diagonally corner to corner; both measurements should be equal.

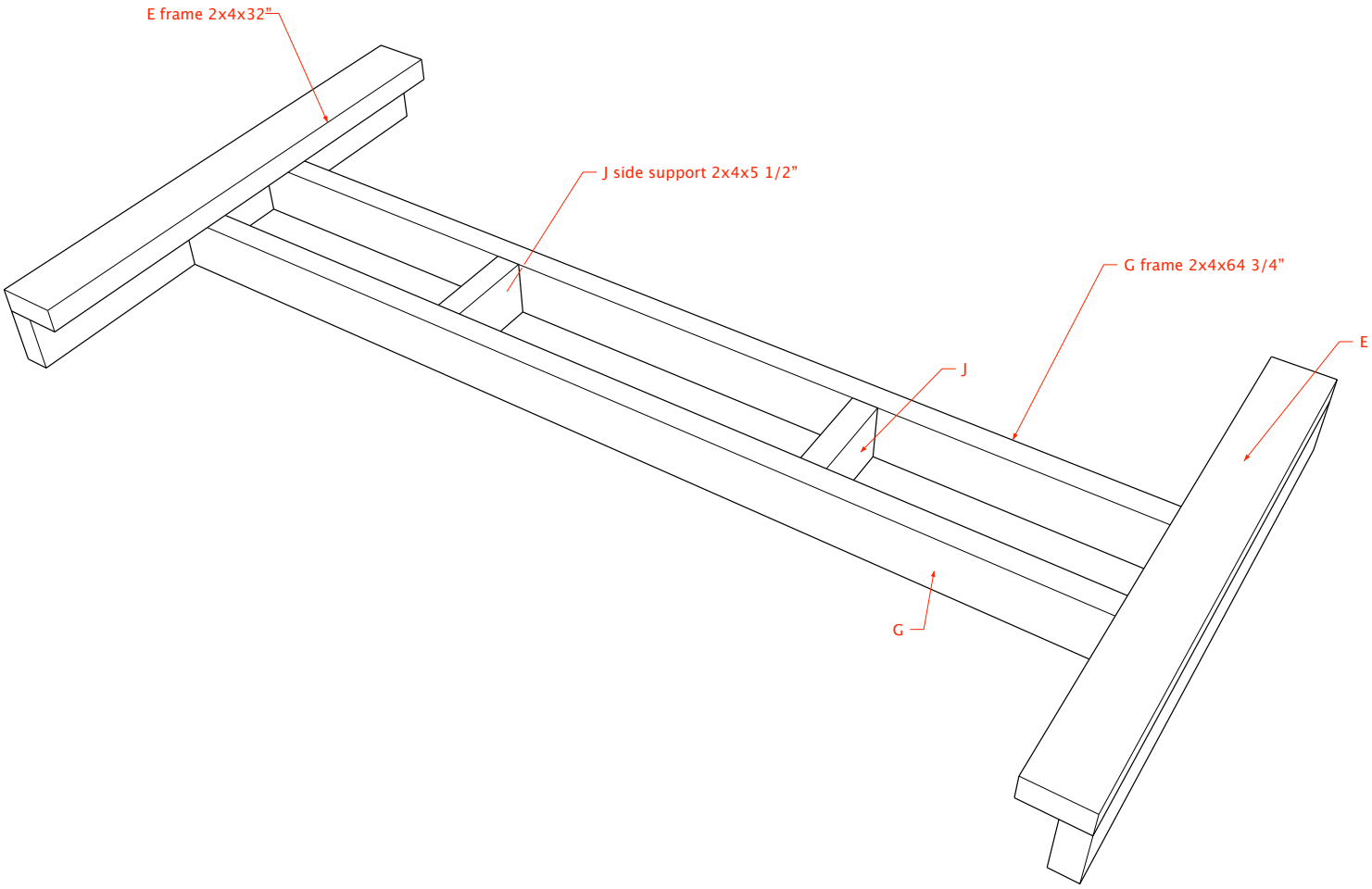


STEP 3.
BUILD THE INNER FRAME

Remove the outer frame from your work surface and lay out the 2x4 inner frame. Mark on one of the outer ends of the frame where the center rails will go. Make the identical marks on the opposite end frame piece. Apply a small amount of glue to the ends of the center rails and fasten them with 3" screws. Attach parts J in between the center rails, then attach the other end of the frame. Spread a light amount of glue on the top edges of the frame ends, and attach parts E with 3" screws.

PRO TIP

Check to ensure all components are straight. If any piece has a crown (a slight curve) attach with the crown side facing up.

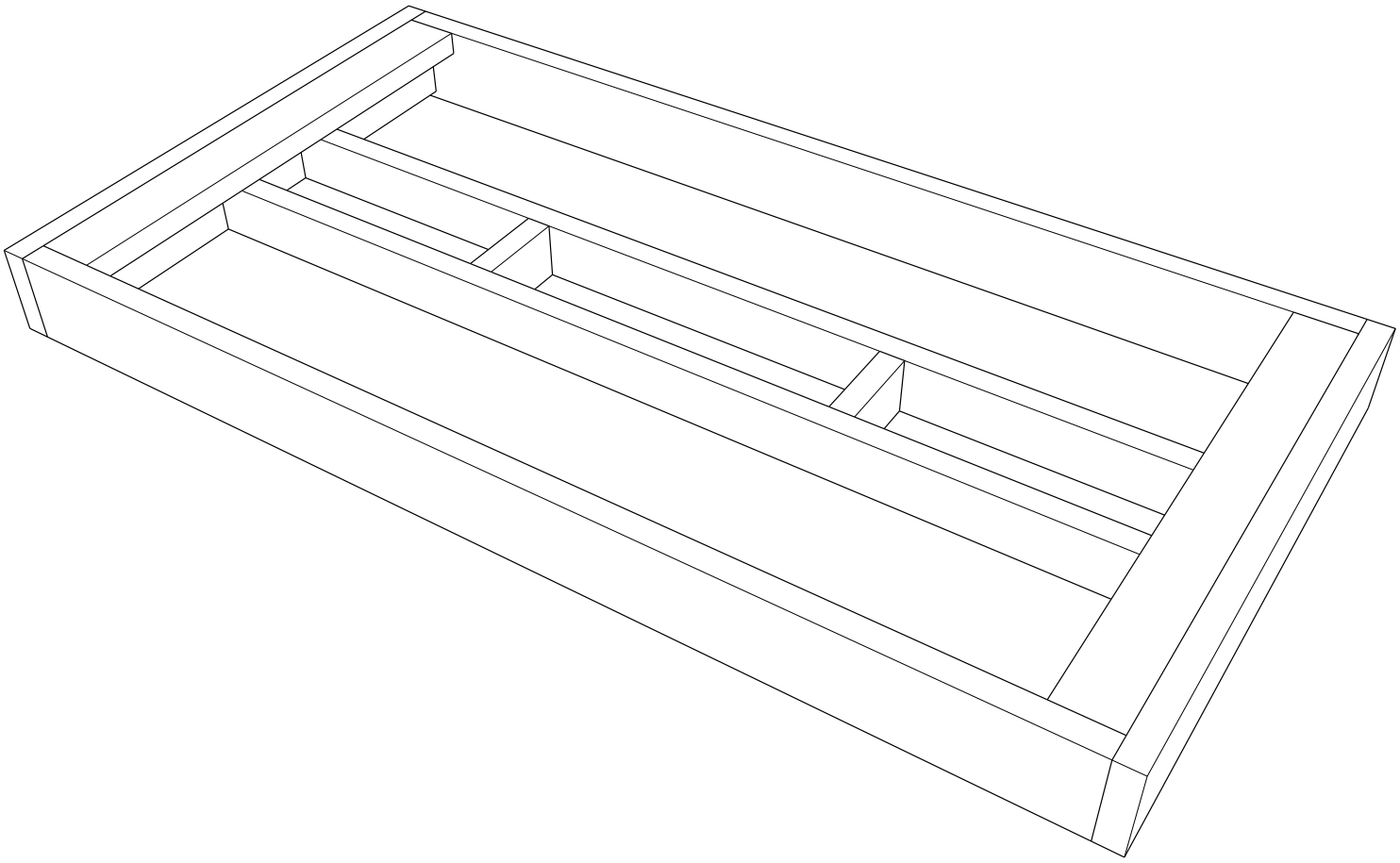


STEP 4.
CONNECT THE OUTER AND INNER FRAME

Bring the 2x6 outer frame to your work area and fit it over the inner frame, tapping lightly at the corners if necessary. Once in place, lift the inner frame up so parts E are flush with the outer frame. Fasten the inner frame to the outer frame from inside to hide the screws.

PRO TIP

Measure diagonally corner to corner to ensure the assembly is square.

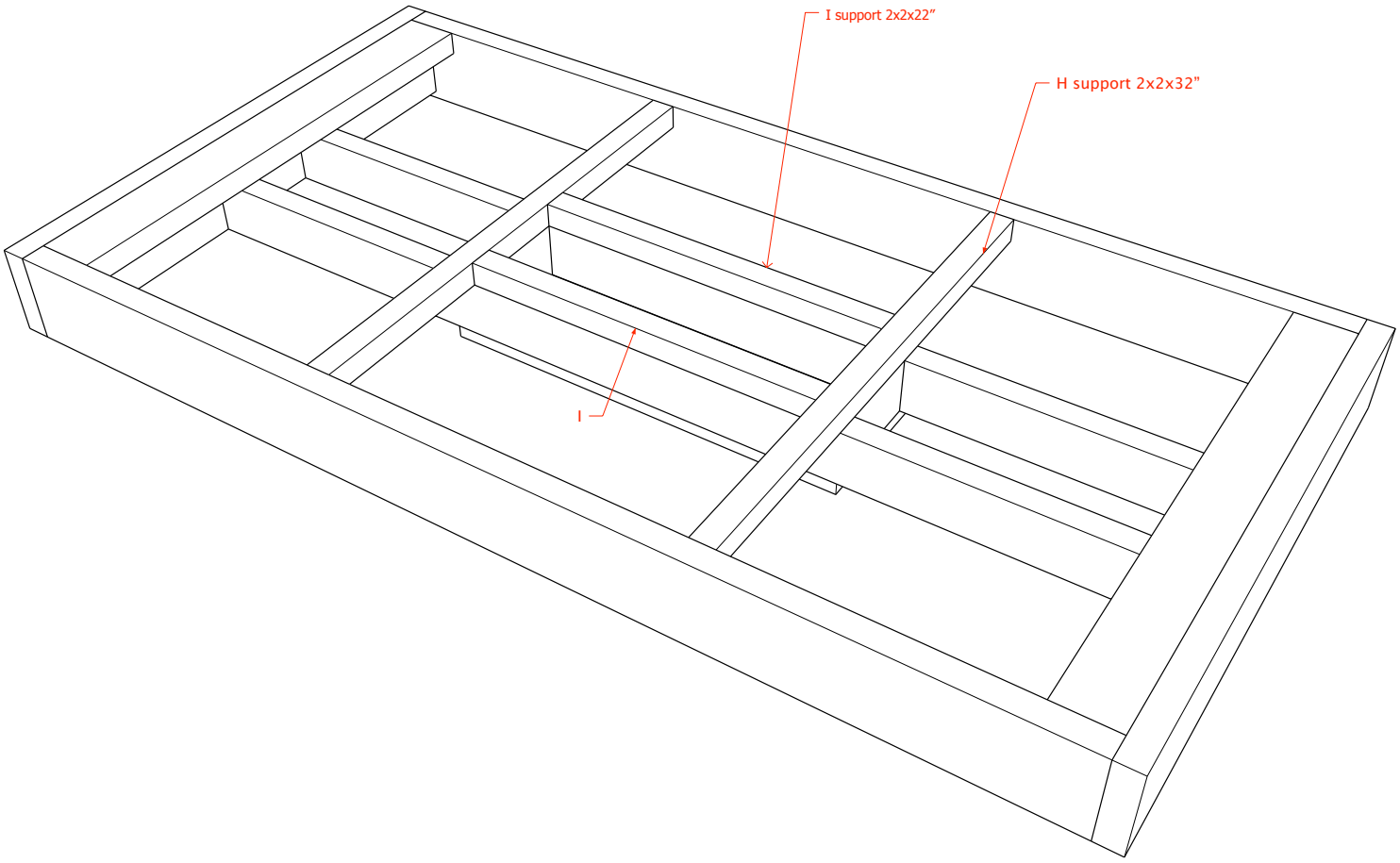


STEP 5.
FRAME THE ICE BOX

Place the 2x2s in their positions on the inner frame to define the ice box. Attach to the inner frame using 3" screws. When attaching to the outer frame, toe in the screw on the inside of the frame from the side of the 2x2 to hide the screw.

PRO TIP

Measure diagonally corner to corner to ensure the assembly is square.



STEP 6.
ARRANGE AND FASTEN THE TABLE TOP

Real Cedar has a wide range of tones and grain patterns which create exceptionally beautiful projects. Take a minute to lay out your 2x6 table top pieces (parts L and M) in the order you want to see them on your completed table top. Once done, attach a piece of painter's tape, or similar, to the face of each board and flip over.

On the middle of the center board (M) mark the measurements for the ice box lid and cut. Return the three pieces of the center board to the table top in their original position, noting the alignment of the grain. If you are routering or sanding the edges of your table top boards, do so now on the center pieces as you won't be able to once the top is secured.

Roughly even up one end of the table top boards (you will cut the ends to size once the top is assembled). Using 1/8" shims or spacers, space the boards out evenly. Don't forget to use spacers on either end of the ice box lid.

Measure and mark the center point of the ice box lid. This is the center of the table and table frame. Mark where the frame will be positioned on the table top as indicated. Place the table frame onto the table top making sure the 2x2 ice box frame is lined up with the lid. Double check the frame is in its correct position by measuring the distance from the side of frame edge to the side of the table top edge. All four corners should be the same. Screw the frame to the table top through the 2x2s.

PRO TIPS

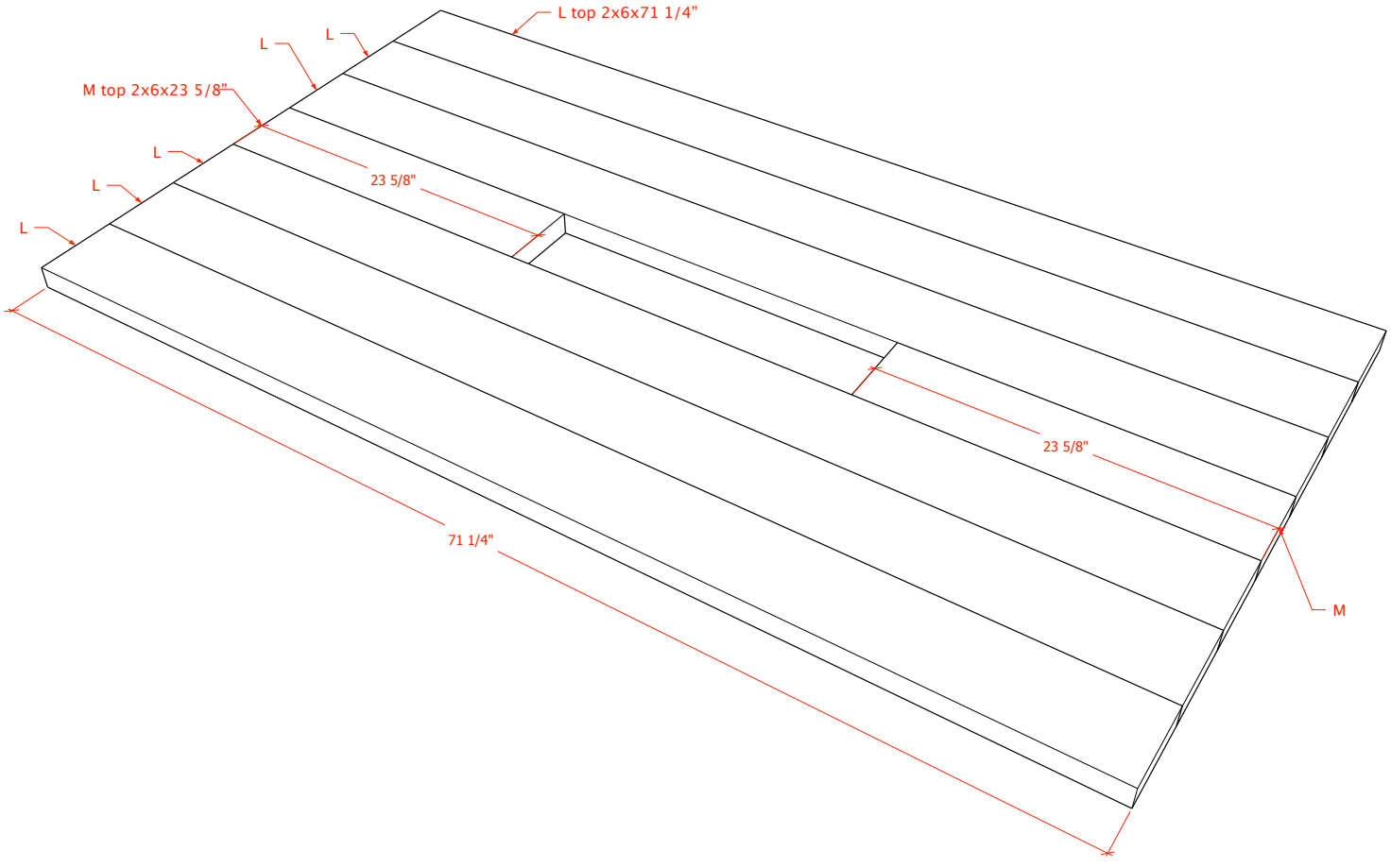
Stagger your screws so they are not on the same grain line to avoid splitting.

Use tape to mark the best face.

Use a router, block plane or sander to ease the edges before assembly.

Use spacers for consistent spacing between boards.

Measure from the centre of the ice box and mark the placement of the frame.



STEP 7.
TRIM ENDS OF THE TABLE TOP

Before flipping the table top over, measure 1-13/16" out from each end of the frame. Mark and mark the side of the top so you can see it when flipped over.

Flip the top over, mark and cut each end to the desired length.

PRO TIPS

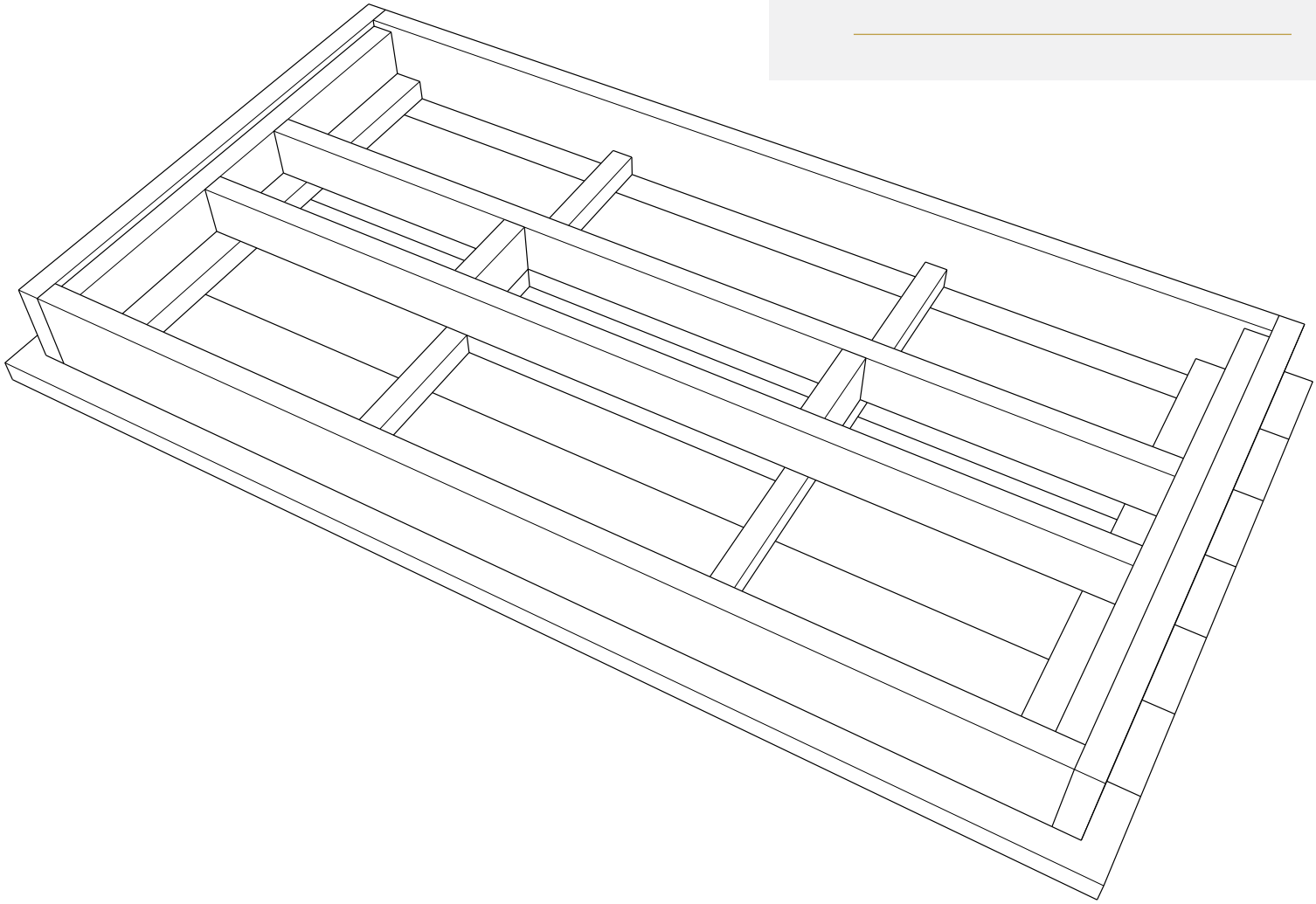
Use a speed square to transfer measurements to the other side.

Tape your saw if it has a rough surface.

Use tape to prevent chipping, especially when using an older blade.

For strength and aesthetics, use shear screws to attach the legs.

Pre-drill for your shear screws.



STEP 8.
EASE THE EDGE

If easing the edges with a router or sander, do so before moving onto the next step.

STEP 9.
ATTACH THE ICE BOX BOTTOM AND LEGS

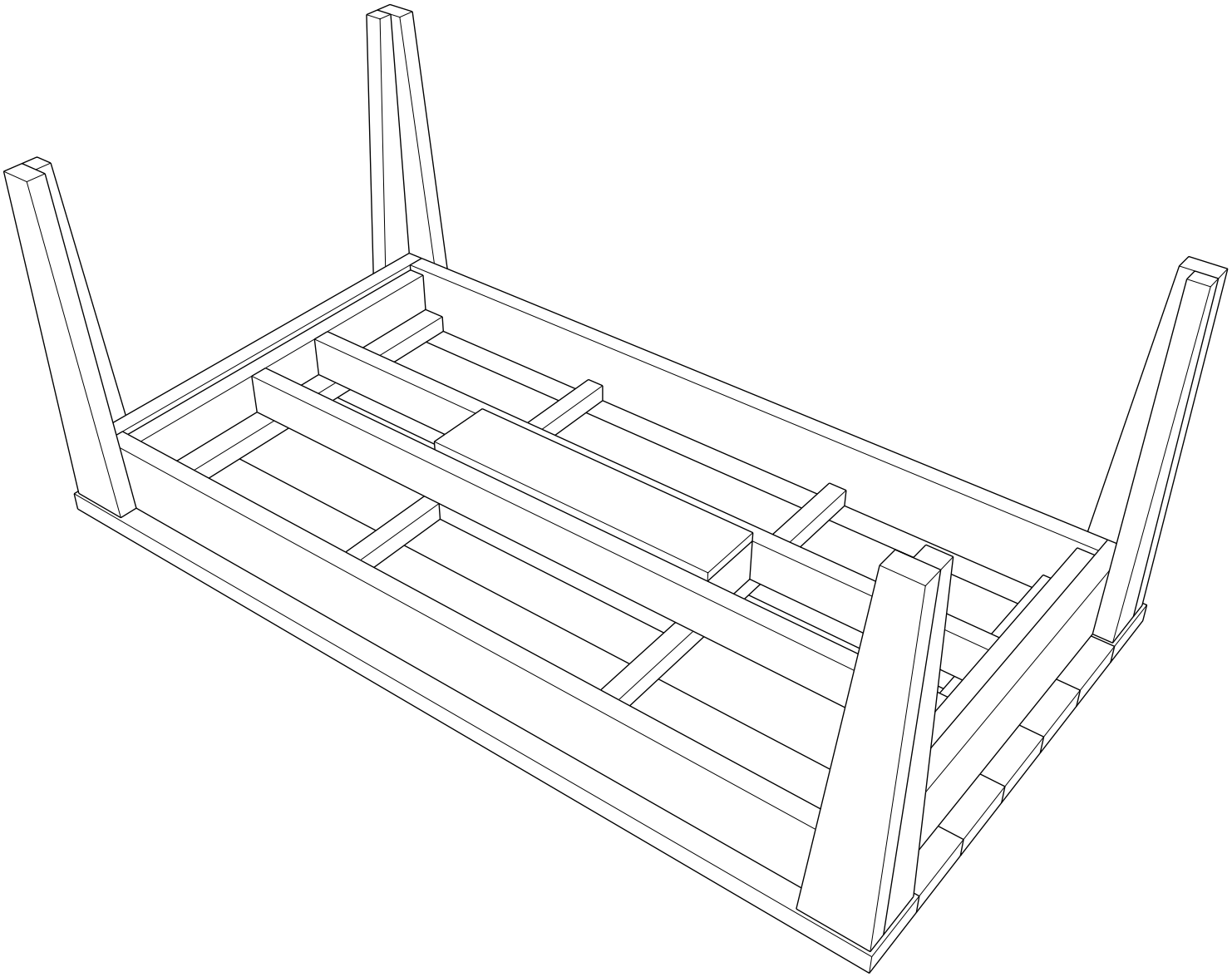
Flip the table top assembly back over and attach the ice box bottom using 3" screws.

Position the 2x6 front legs (parts A) according to the diagram. Note the space needed for the 2x4 side legs (parts B), and the direction of the angled side. Pre drill the shear screw holes. Move around the table attaching the leg components.

PRO TIPS

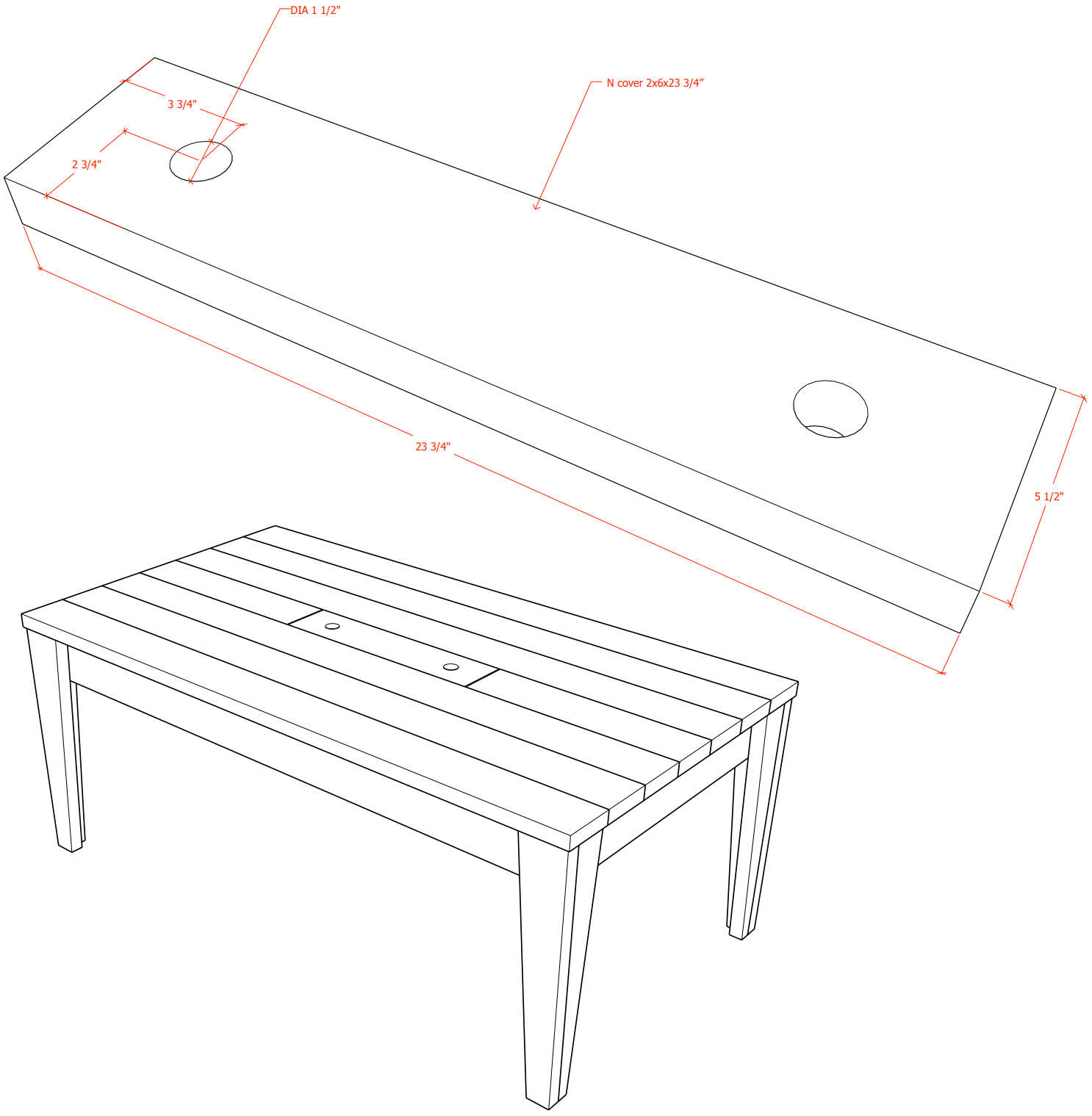
For strength and aesthetics, use shear screws to attach the legs.

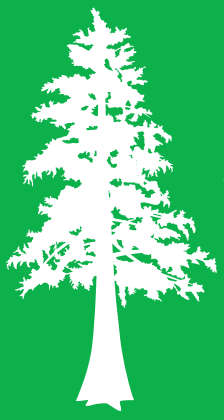
Pre-drill for your shear screws.



STEP 10.
DRILL HOLES IN THE LID

Using a spade, saw-tooth or Forstner bit, drill and router holes for the lid. Fill with ice and your favorite beverages, then pull up some chairs and enjoy.



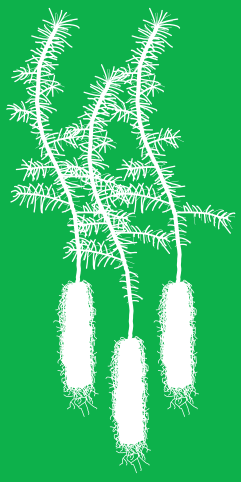


Cedars remove carbon
from the atmosphere

REAL CEDAR

THE MOST SUSTAINABLE CHOICE

Wood is the only major building material that is renewable–a reason why Canada's forest base is still abundant after 150 years of harvesting. For every Western Red Cedar that's harvested, at least 3 are planted. Lumber producers have been replacing harvested trees so diligently over the last few decades that North American forests have actually grown by 20% since 1970.



For every cedar harvested,
at least 3 are replanted,
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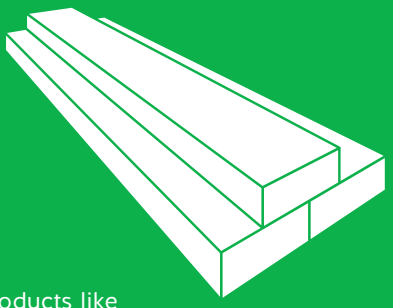

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