

REAL CEDAR ADIRONDACK CHAIR

DESIGN: REAL CEDAR ORIGINAL

A MODERN TWIST ON CLASSIC OUTDOOR SEATING

This easy but attractive design is a modern take on the classic Adirondack chair. Comfortable, stylish, and featuring wide but sturdy arm rests that also conveniently handle plates and beverages, the modern Adirondack chair is a great addition to any deck, dock or outdoor living space. Made with beautiful Western Red Cedar, nature's most versatile building material,

the chair is naturally resistant to rot, decay and insects. You can let your chair weather naturally to a beautiful silvery patina, or you can stain or paint it a bright, sunny color to match your décor. In terms of WRC grades, choose Architect Knotty for a more rustic look and Architect Clear for a polished contemporary look.

| Part | Description | Finished Size | | | Nominal Size | Material | Quantity |
|------|---------------|---------------|--------|---------|--------------|---------------------------------|----------|
| | | T | W | L | | | |
| A | Back Legs | 1-1/2" | 5-1/2" | 34-1/2" | 2 x 6 x 3' | Select Knotty Western Red Cedar | 2 |
| B | Front Legs | 1-1/2" | 5-1/2" | 24-1/2" | 2 x 6 x 3' | Select Knotty Western Red Cedar | 2 |
| C | Seat Front | 1-1/2" | 5-1/2" | 24" | 2 x 6 x 2' | Select Knotty Western Red Cedar | 1 |
| D | Front Support | 1-1/2" | 3-1/2" | 24" | 2 x 4 x 2' | Select Knotty Western Red Cedar | 1 |
| E | Arm Rest | 1-1/2" | 5-1/2" | 30-1/2" | 2 x 6 x 3' | Select Knotty Western Red Cedar | 2 |
| F | Knee Brace | 1-1/2" | 2-1/2" | 12-3/4" | 2 x 4 x 2' | Select Knotty Western Red Cedar | 2 |
| G | Back Yoke | 1-1/2" | 3-3/4" | 21" | 2 x 6 x 2' | Select Knotty Western Red Cedar | 2 |
| H | Back Slats | 3/4" | 5-1/2" | 40-3/4" | 1 x 6 x 4' | Select Knotty Western Red Cedar | 2 |
| I | Back Slats | 3/4" | 4" | 40-3/4" | 1 x 6 x 4' | Select Knotty Western Red Cedar | 2 |
| J | Seat Slats | 3/4" | 5-1/2" | 24" | 1 x 6 x 2' | Select Knotty Western Red Cedar | 2 |
| K | Seat Slats | 3/4" | 5-1/2" | 24" | 1 x 6 x 2' | 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 (this quantity is exact, it is recommended you purchase 4 in case of missed cuts) | 2 x 6 x 8' | Knotty Western Red Cedar | 3 |
| Wood | WRC Dimensional Lumber (this quantity allows for missed cuts) | 2 x 4 x 8' | Knotty Western Red Cedar | 1 |
| Wood | WRC Dimensional Lumber (this quantity allows for missed cuts) | 1 x 6 x 8' | Knotty Western Red Cedar | 4 |
| Hardware | Star drive round washer head shear screws | 3" | Galvanized | 10 |
| Hardware | Star drive round washer head shear screws | 5" | Galvanized | 4 |
| Hardware | Finishing nails for the 1x material | 1-1/2" | Stainless Steel | 30 |
| Hardware | Regular head decking screws | 3" | Stainless Steel | 11 |
| Hardware | Trim head decking screws | 2-1/2" | Stainless Steel | 16 |

INSTALLATION PRO TIPS

- 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.
- 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.

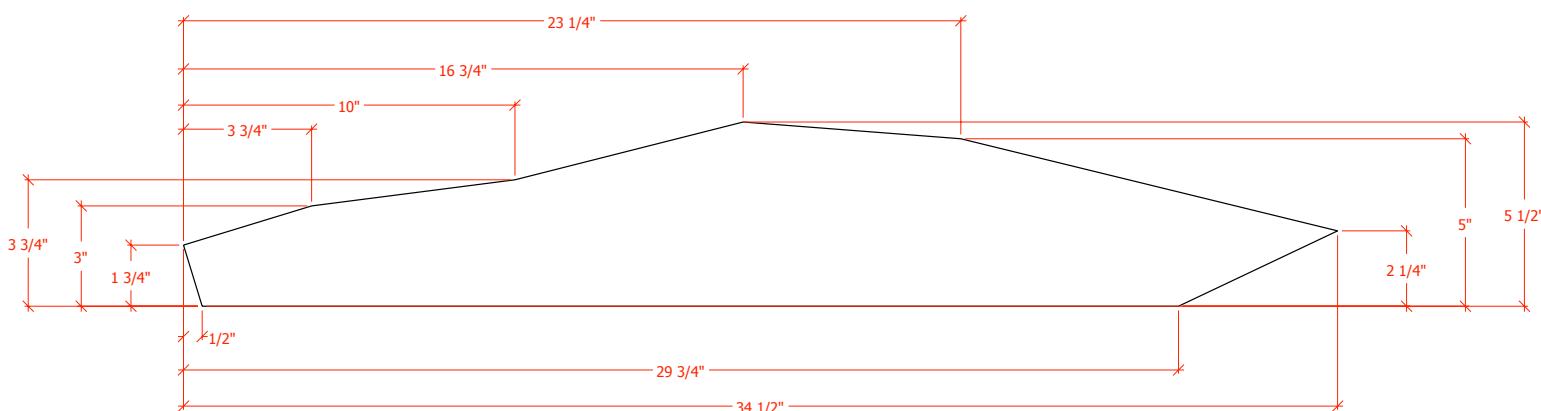
STEP 1. CUT COMPONENTS

Inspect, measure and cut all chair components to the specifications in the materials list. Take careful note of the measurements of the back legs (A) and front legs (B), as these will create the desired angles for a comfortable and stable chair. For the back legs, start your measurements from the top of the leg, and work down from there. Once one leg is cut, lay it down on an uncut board and use it as a stencil for the second leg.

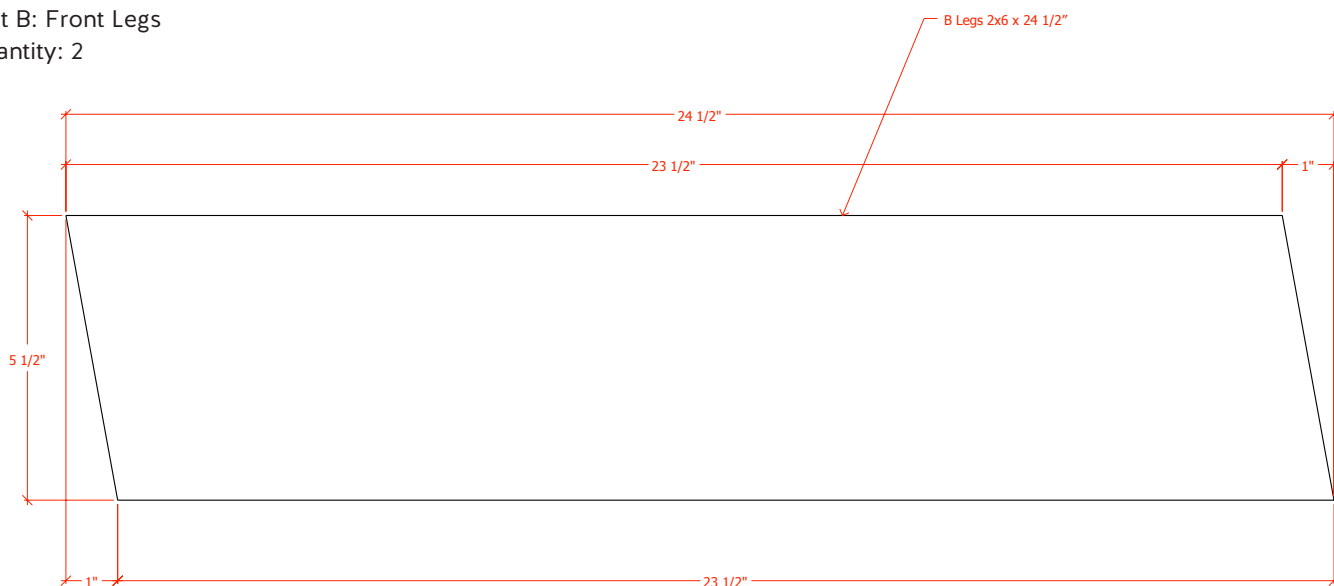
PRO TIP

For the back legs, start with all of the through cuts. Do the internal cut last. Using a circular saw, only cut until the leading edge of the blade reaches the measurement, then finish with a hand saw.

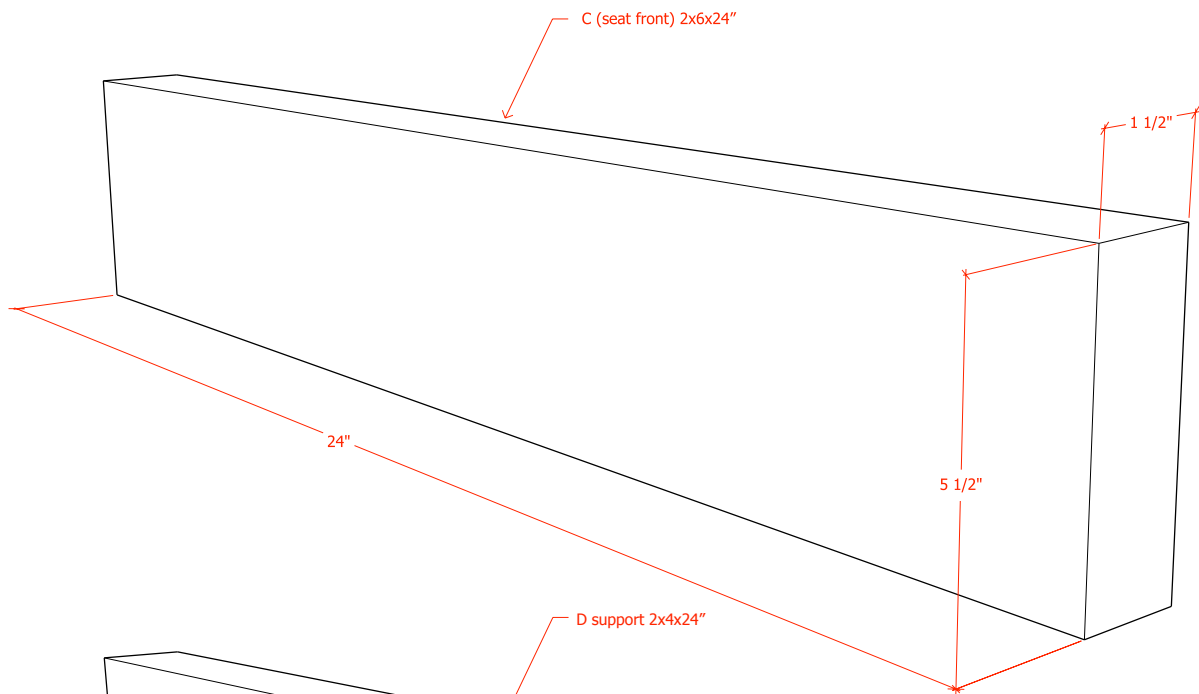
Part A: Back Legs
Quantity: 2



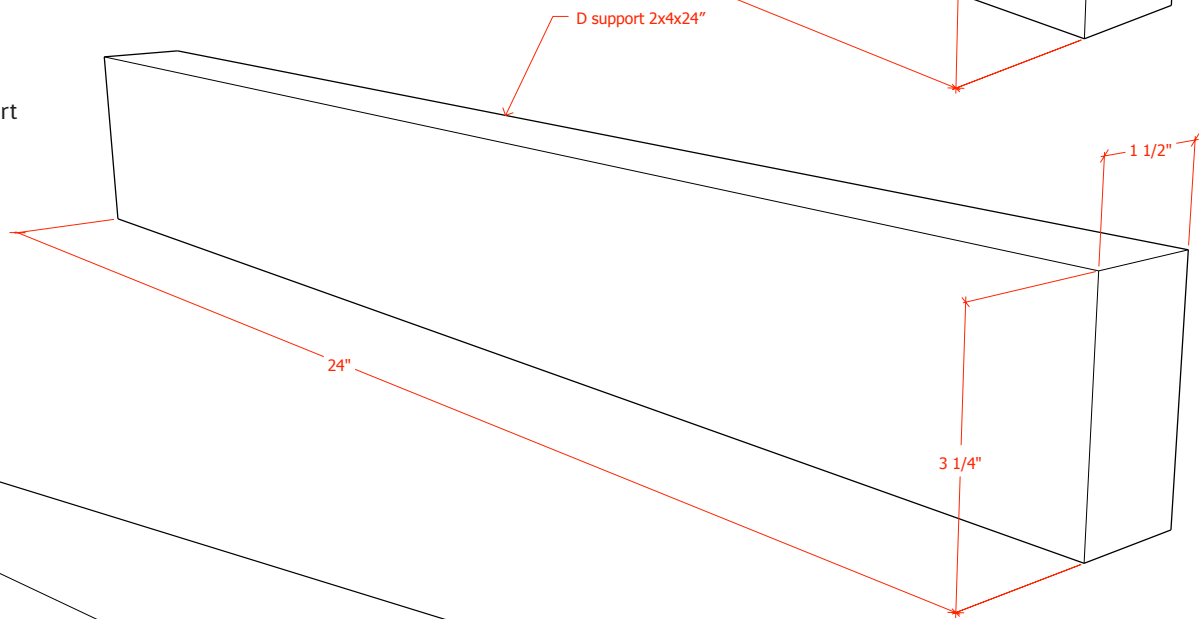
Part B: Front Legs
Quantity: 2



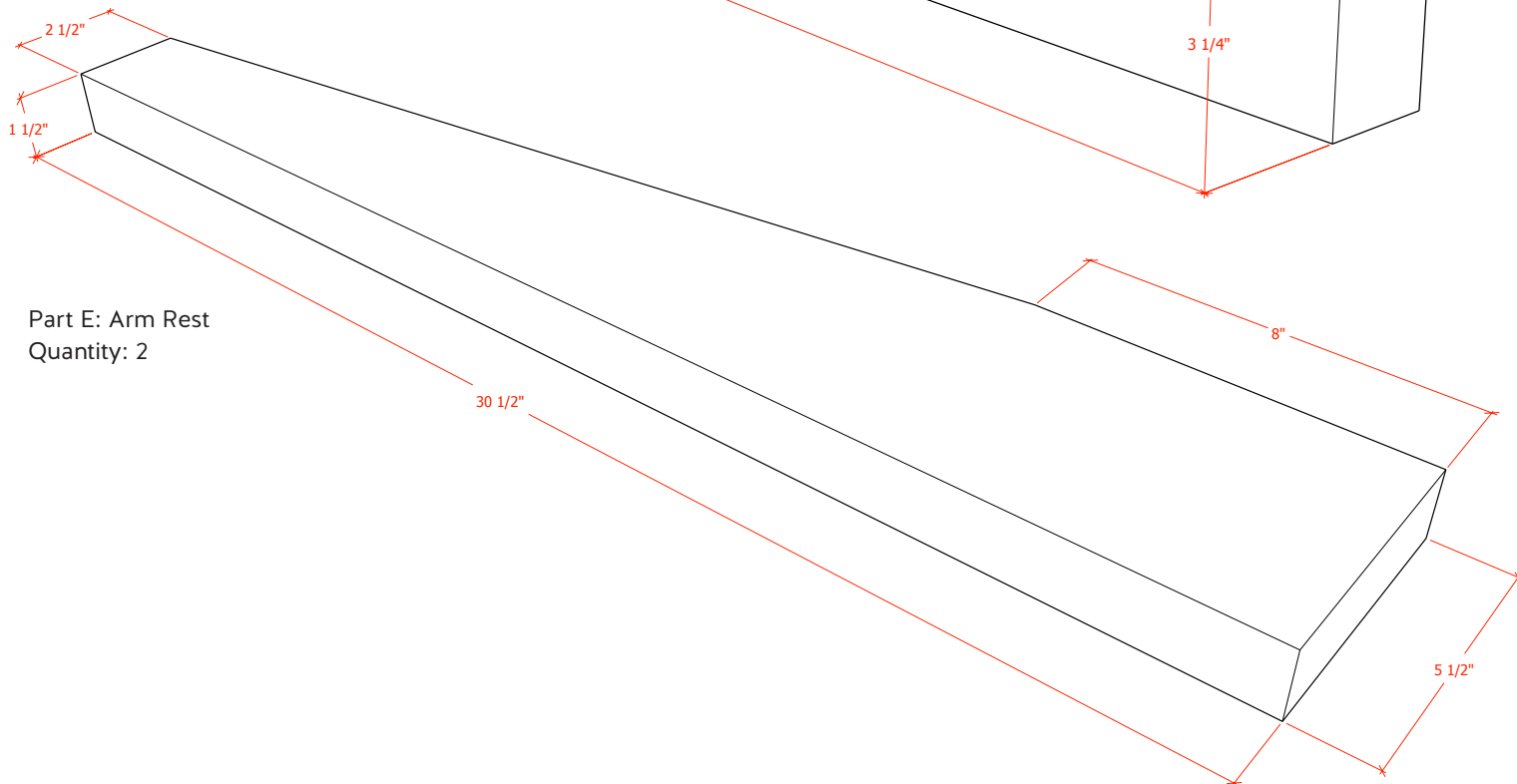
Part C: Seat Front
Quantity: 1



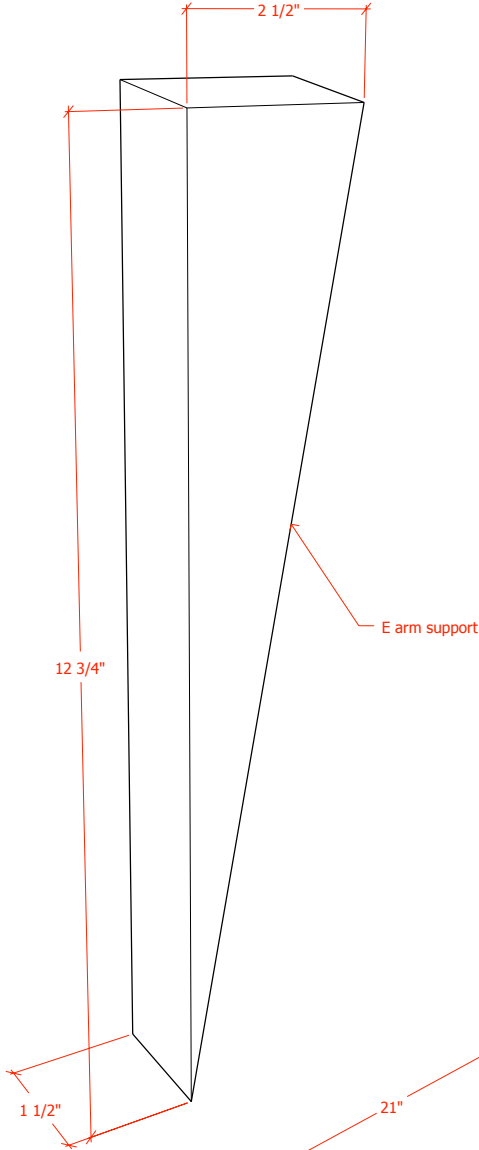
Part D: Front Support
Quantity: 1



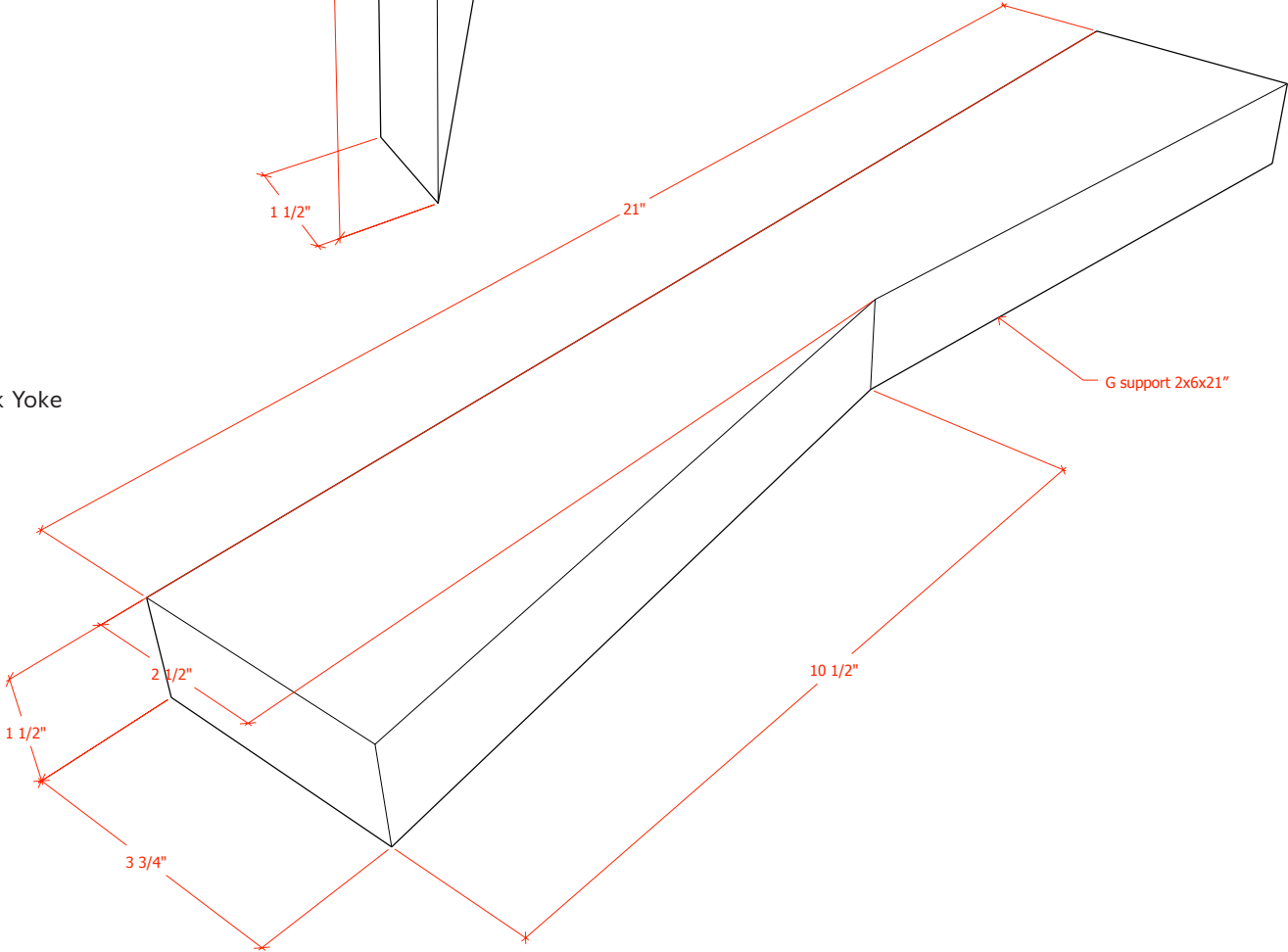
Part E: Arm Rest
Quantity: 2



Part F: Knee Brace for Arm Rests
Quantity: 2



Part G: Back Yoke
Quantity: 2

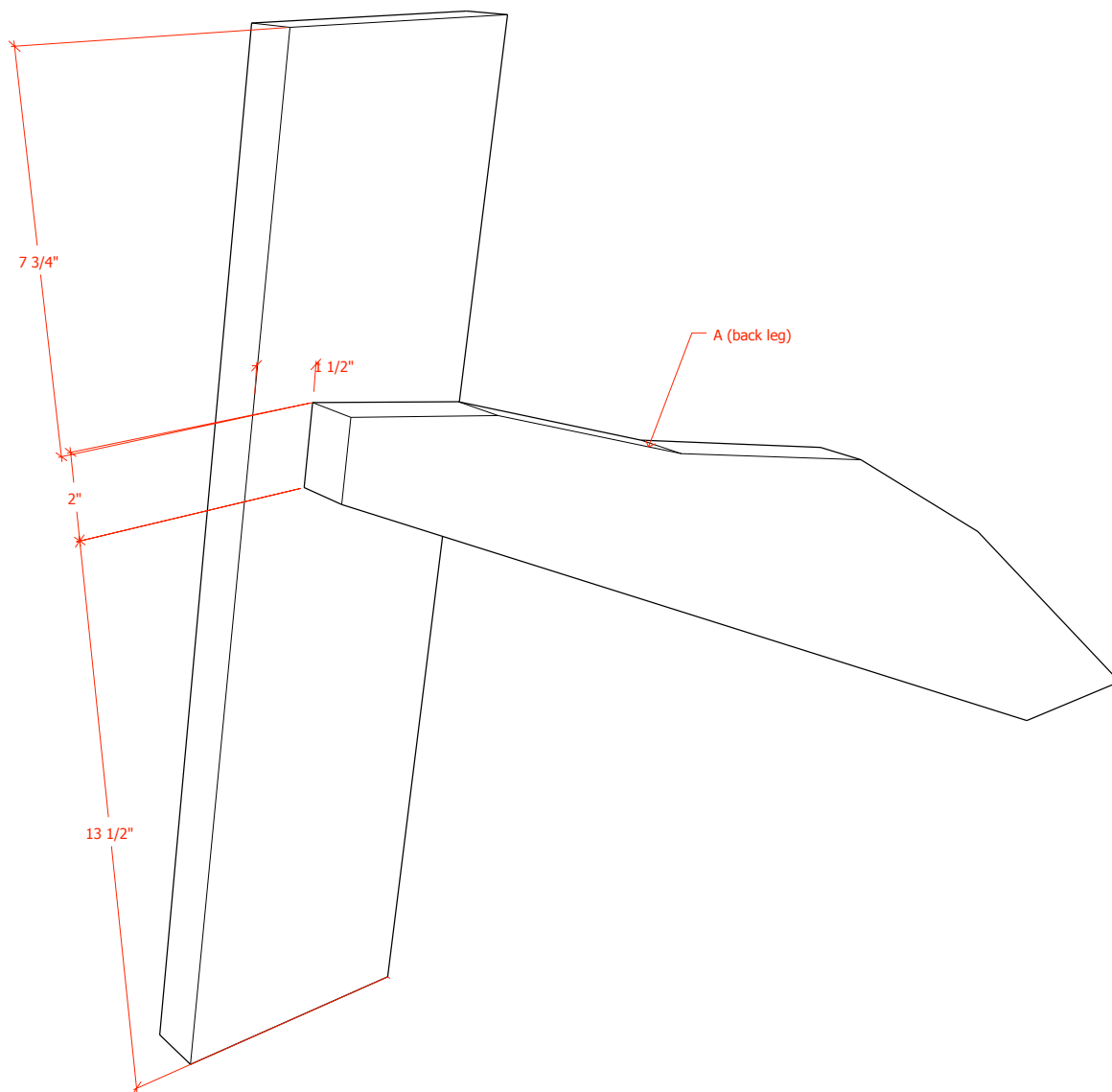


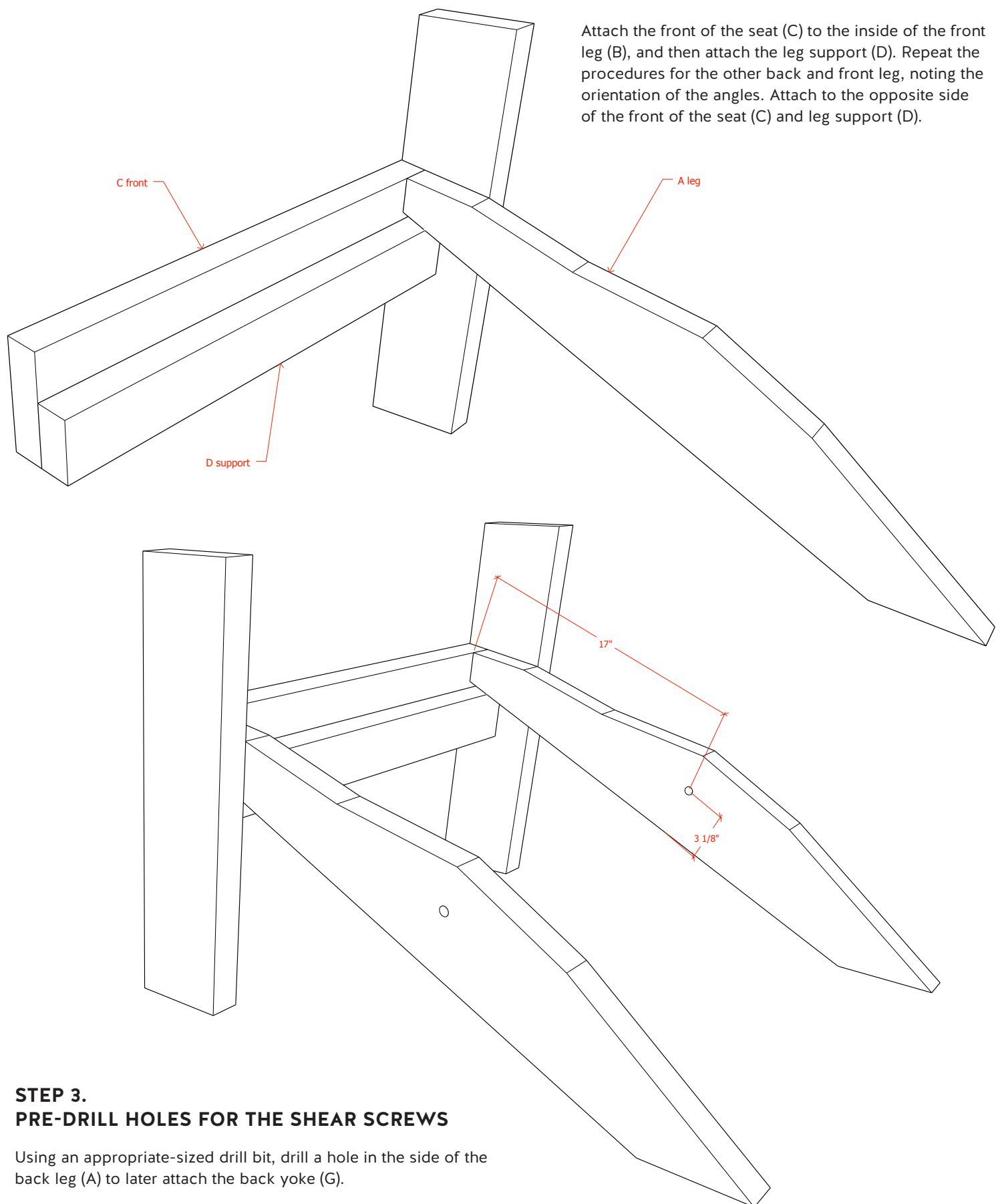
STEP 2. FASTEN THE LEGS TO THE LEG BASE

Mark the height of where the back leg (A) will be on the front leg (B). Lay the pieces on their sides and use another piece of wood beneath the leg to keep it level, position the back leg onto the side of the front leg where it will be fastened. The back leg will be 1 1/2" back from the front face of the front leg. Apply a small amount of wood glue to the inside of the back leg and secure from the inside with 3" fasteners so they are not visible from the side.

PRO TIP

Use stainless steel fasteners to prevent discoloration of the wood.





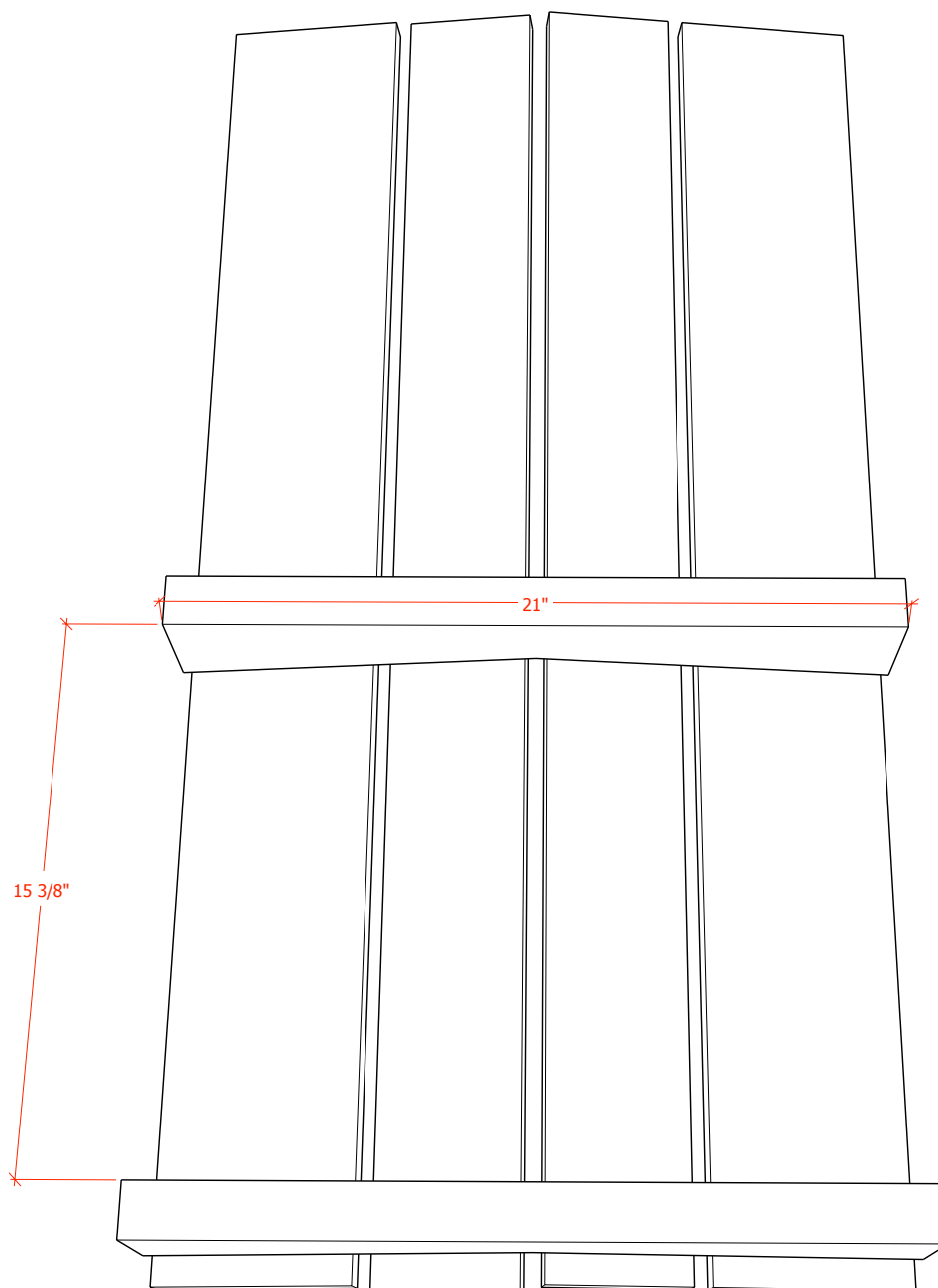
STEP 4. BUILD AND CONNECT THE BACK ASSEMBLY

Lay the two backing yokes (G) flat side down on a level surface. On the backs of the left and right backing boards (H,I) mark where the yokes will go according the drawing. Position the boards (H,I) so they are equally spaced apart on the yokes. Line up one of the backing boards on either side of the backing assembly so it is in its correct position on the bottom yoke (G). Fasten with a 3" fastener. Repeat the procedure for the backing board (tbd) on the other side, then attach the middle two boards. Note that you will use 3" screws at the bottom of the backing boards because they will be hidden once the back assembly is attached to the leg base. Attach the boards to the top yoke (G) with brad nails for a clean look.

PRO TIPS

Mark the components to make fastening easier.

Take the time to ensure the tops of the backing boards are all level as it is only the top, and not the bottom, that will be visible once the chair is assembled.

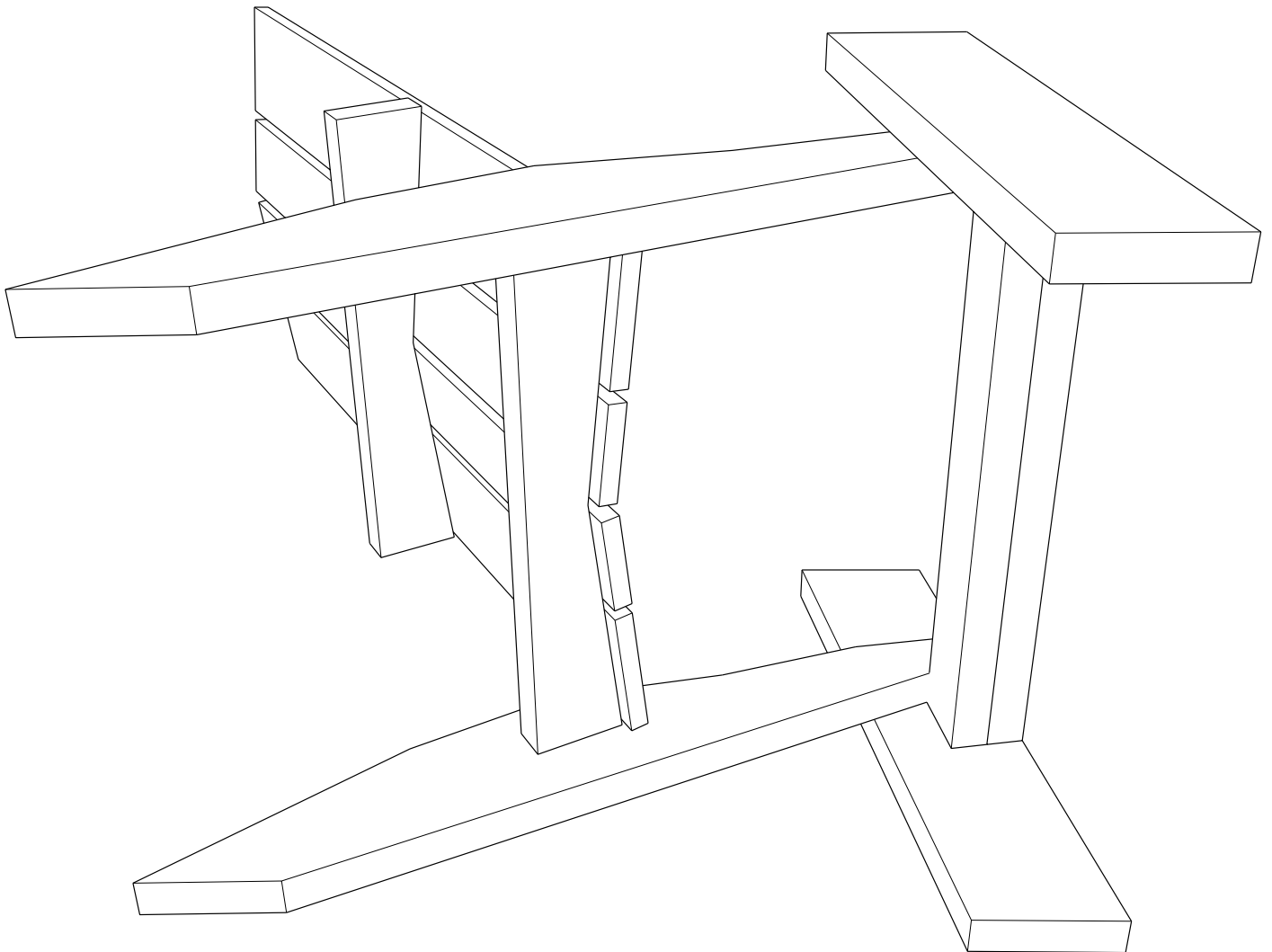


On a level surface, lay the chair legs on one side. Slide a piece of wood under the back leg (A) to level it. Mark the inside of the back legs where the bottom yoke (G) will be positioned. Hold the yoke (G) in place and pre-drill the hole for the shear screw (you will drill through the hole already in the leg). Fasten the shear screw, and with the back in place, toe in a 3" screw on the back of the yoke to hold it in place. Turn the legs over and repeat on the other side.

PRO TIPS

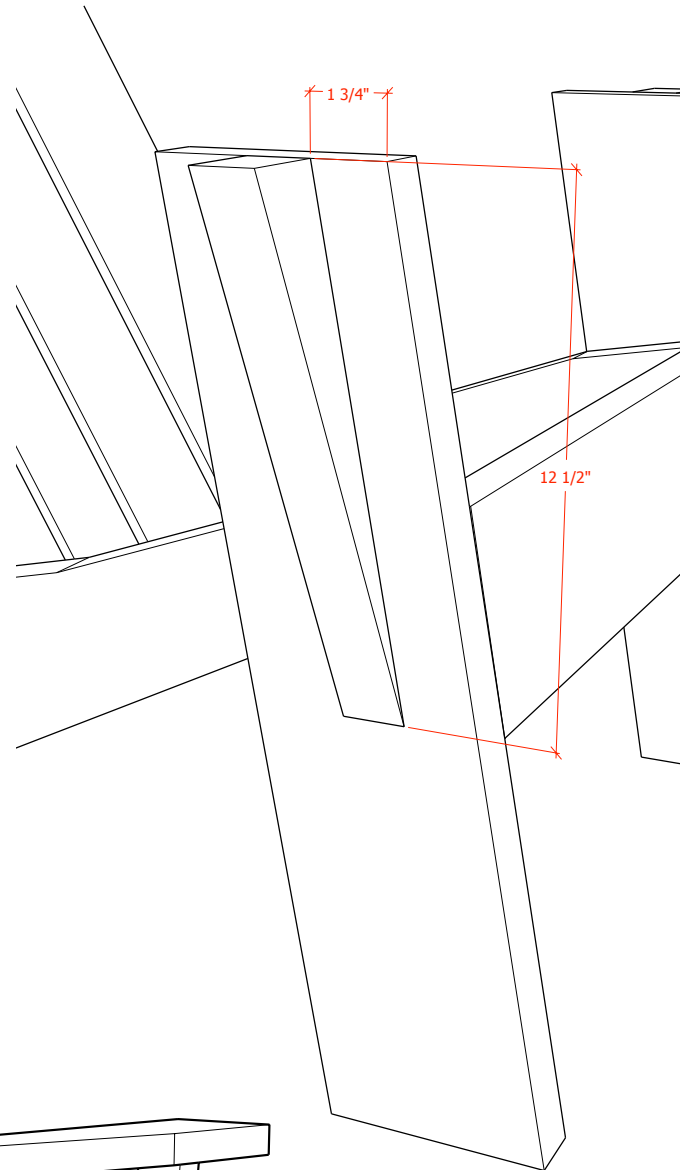
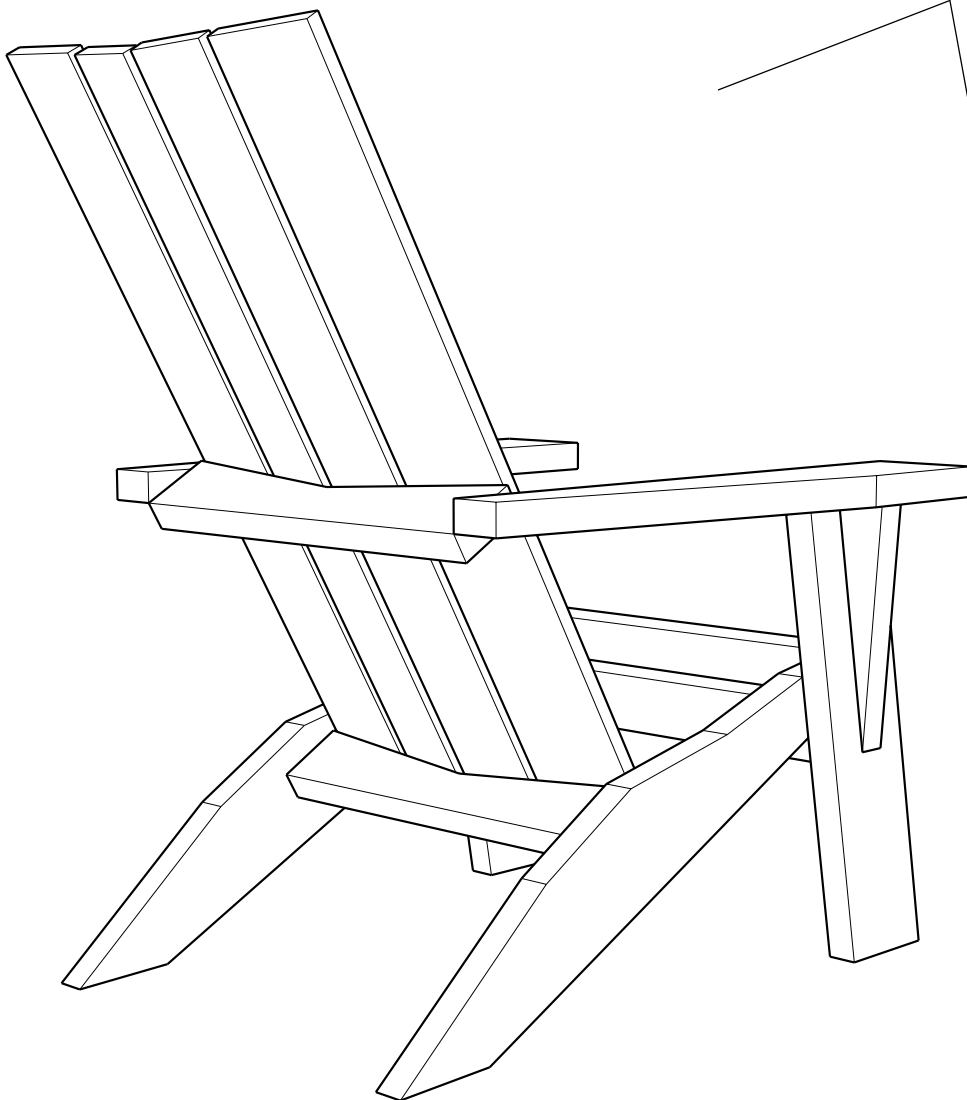
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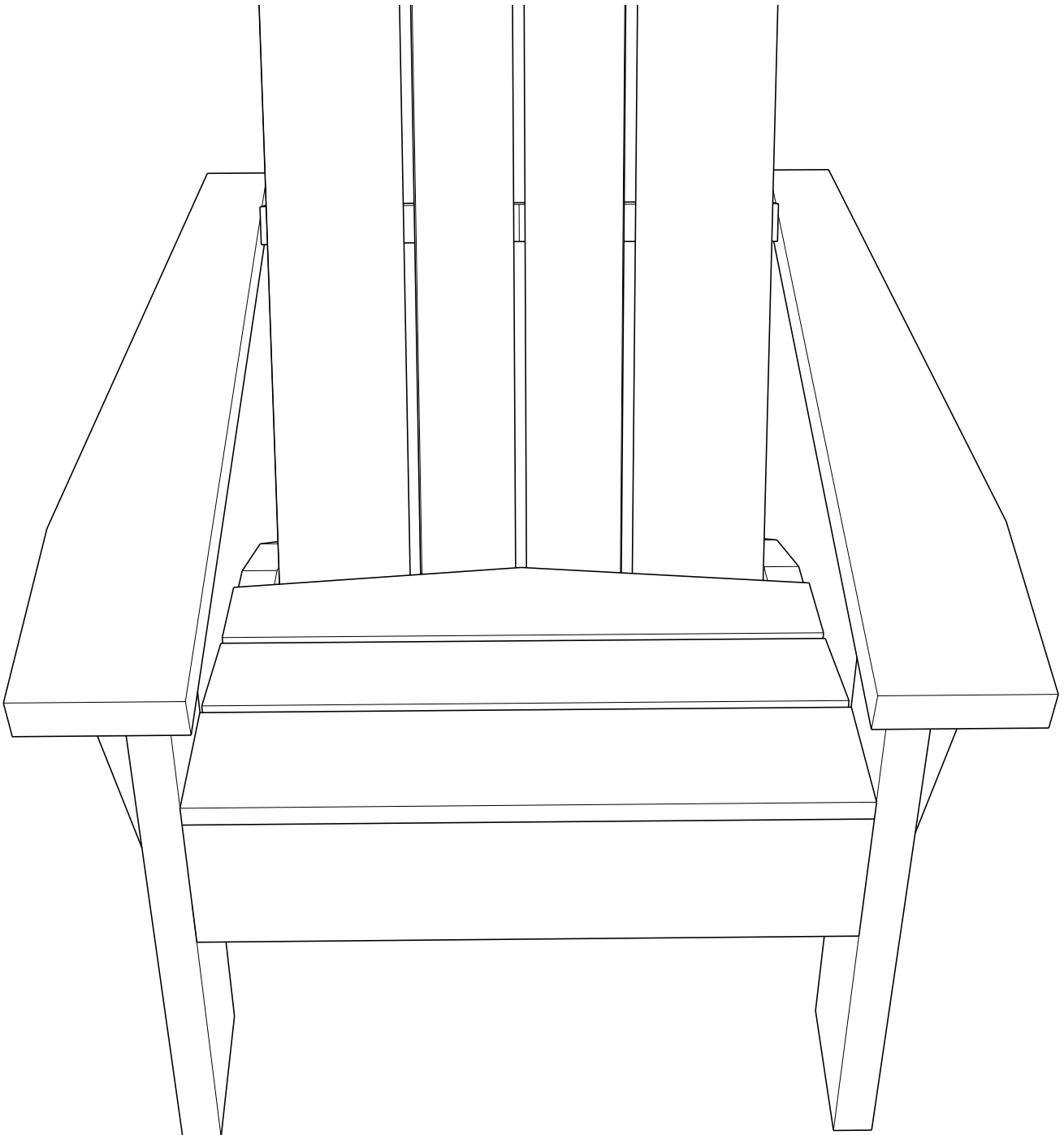
STEP 5. ATTACH KNEE BRACES AND ARMS

On the front leg (B), mark where the knee brace (F) will go. Apply a small amount of glue to the inside and fasten with a 3" screw near the top, and a shorter screw further down to avoid the screw pushing through the brace. Repeat on the other side. With the knee braces secure, first mark on the underside of each chair arm (E) where the arm will attach to the top of the front leg and knee brace. Apply glue to the contact area, and fasten by toeing in 3" screws through the front of the front leg and the back of the knee brace. Do not attach the back of the arm yet. Repeat on the other side. Ensure that the arm is level and pre-drill a hole through the side of the arm into the top yoke (G). Fasten with a shear screw and repeat on the other side.



**STEP 6.
INSTALL THE SEAT**

Starting from the back, place the seat boards on the leg base and space evenly so the front board's edge is flush with the front of the leg base. Fasten boards to base. Put your new chair in a sunny spot, grab a beverage and enjoy.



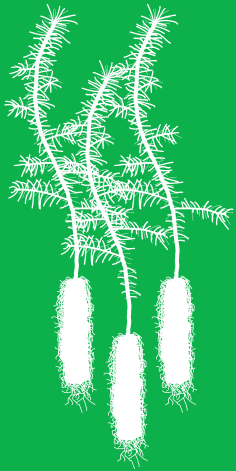
Cedars remove carbon from the atmosphere



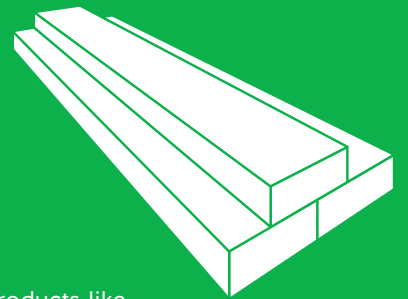
REAL CEDAR

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, continuing the cycle and reducing greenhouse gases



Products like Real Cedar decking and siding store it before it can be released