



## **MAKING A THREE LEGGED STOOL**

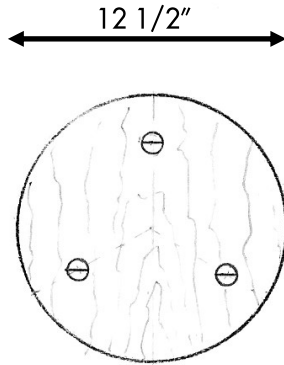
**Plans & Jigs**



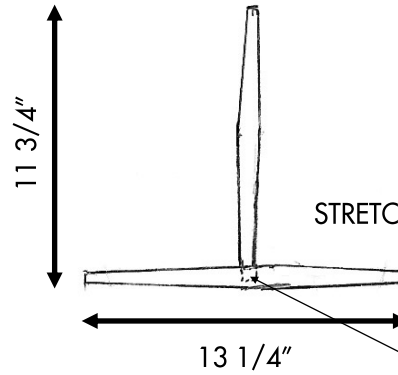
# THREE LEGGED STOOL

## BILL OF MATERIALS

Part Name	No Pcs	T	W	L
Seat	1	1"	12 3/8"	12 3/8"
Legs	3	1 3/4"	1 3/4"	24"
Front Stretcher	1	1"	1"	12"
Center Stretcher	1	1"	1"	13 3/4"



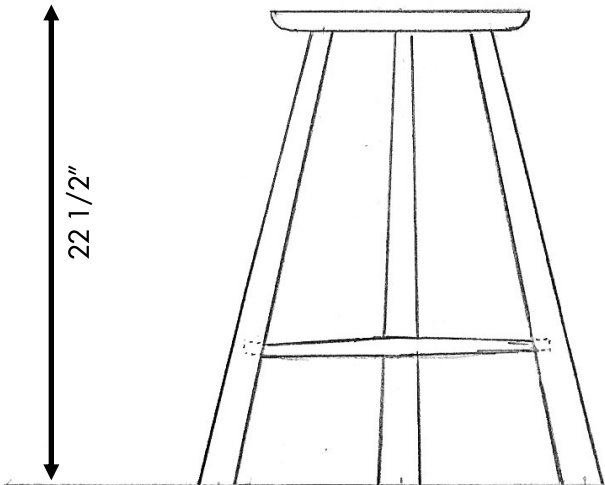
TOP



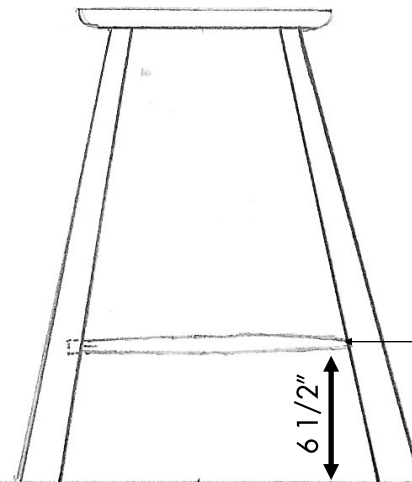
STRETCHERS

**Note:** Stretcher length should be measured directly from your stool. Your measurements will likely differ.

Round mortise—5/8" x 5/8"

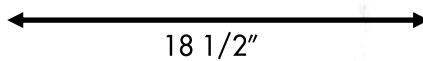


FRONT



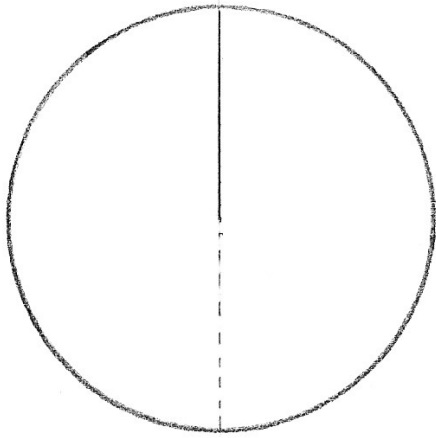
SIDE

Round mortise—5/8" x 3/4"

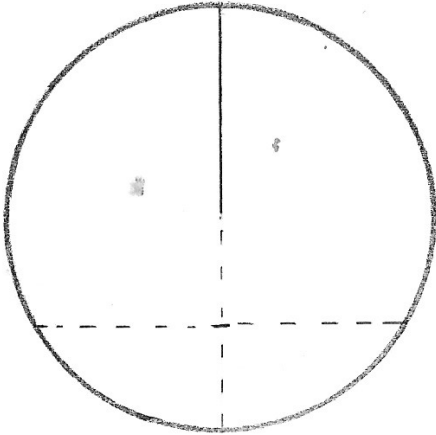


18 1/2"

# DIVIDE A CIRCLE INTO THIRDS

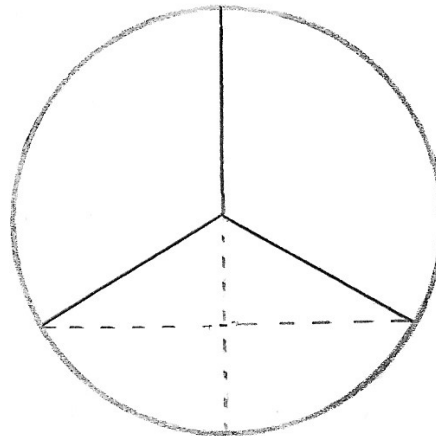


First, bisect the circle with a line through the diameter. If laying out on your stool seat, use the center seam. The grain should run from top to bottom.



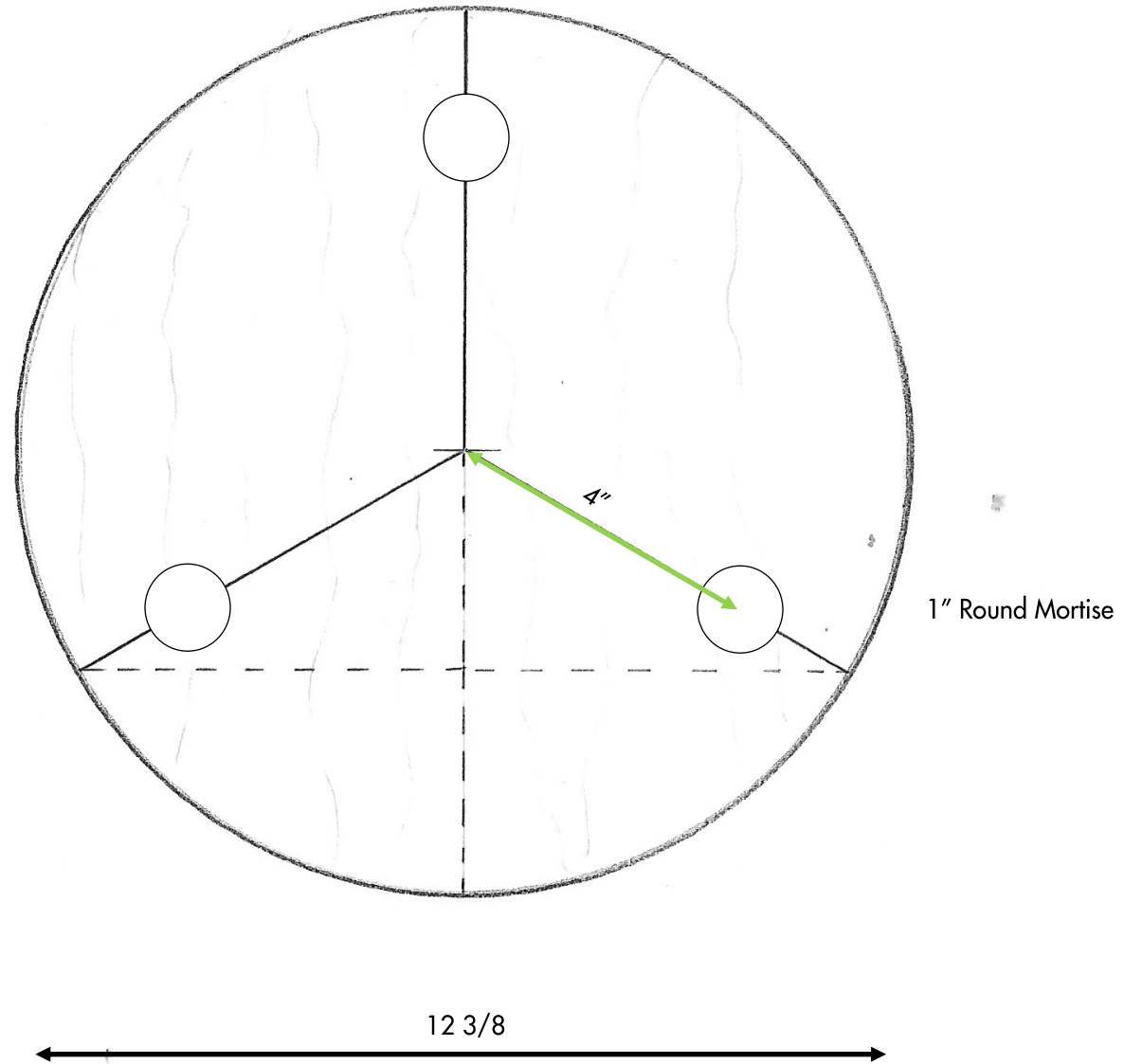
Next, measure the distance from the centerpoint to one side of the circle.

Divide that measurement in half and mark a midpoint.



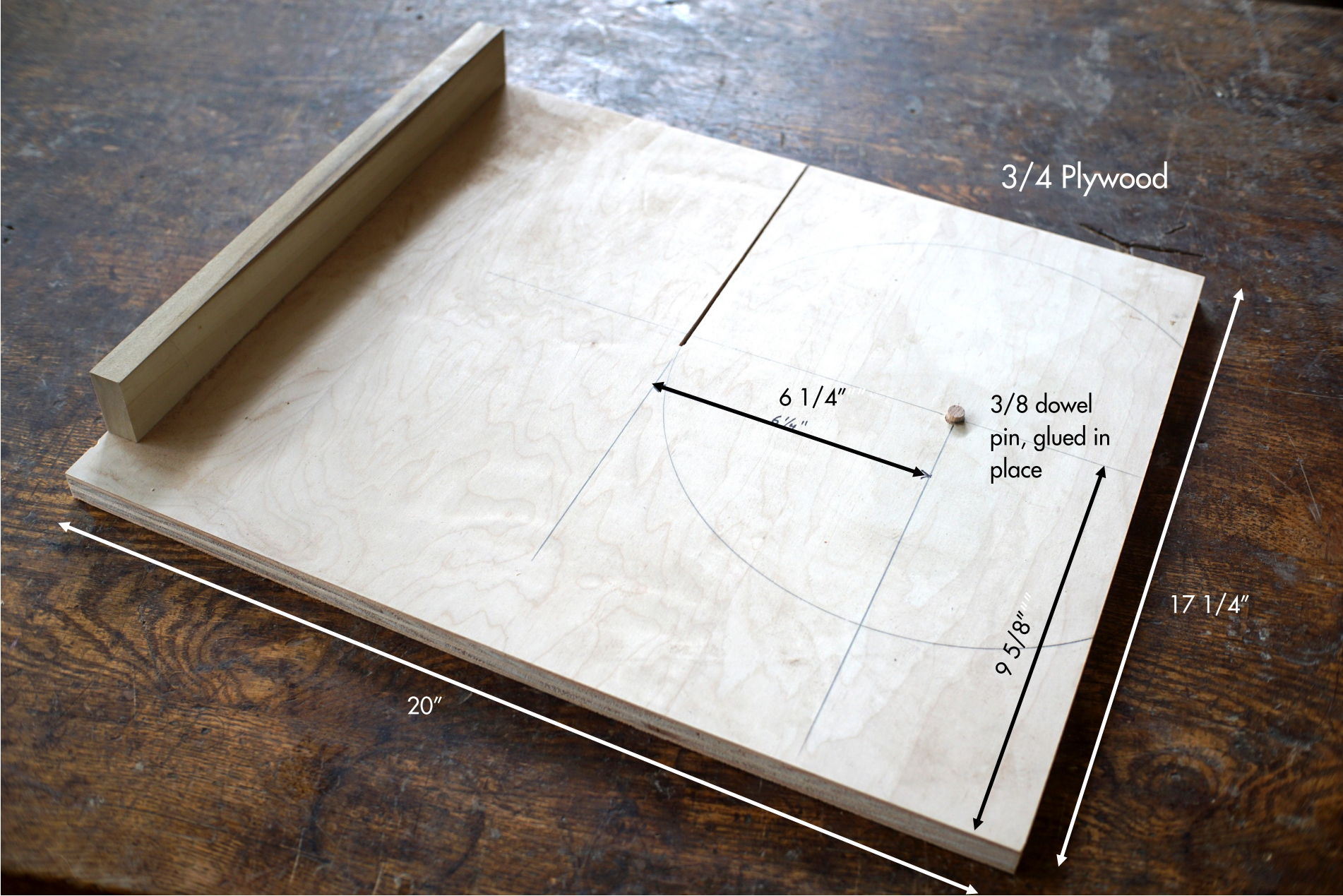
Layout a line that is at right angles to that midpoint. Connect those points to the center and you've done it!

# LAYING OUT THE SEAT MORTISES





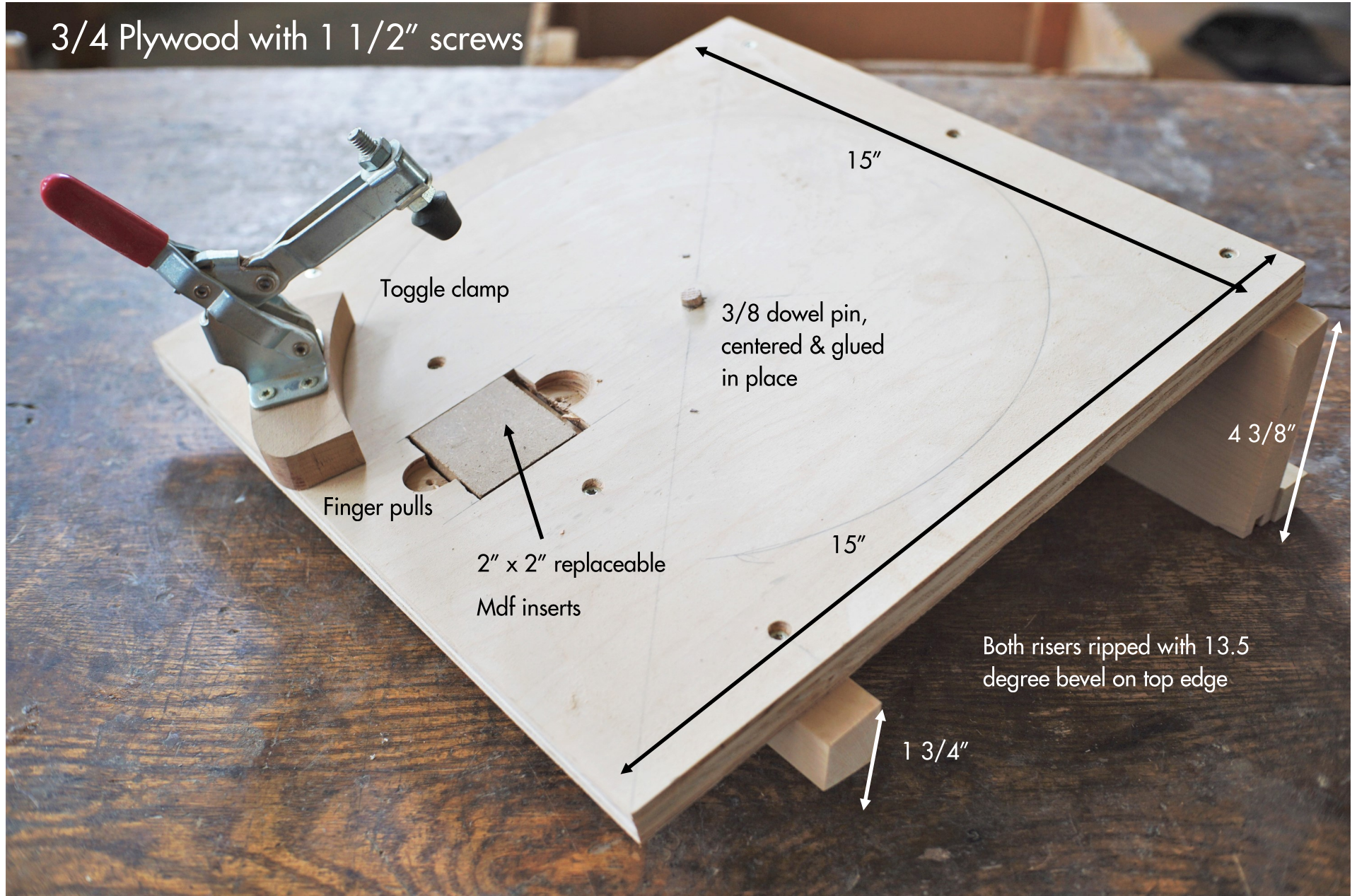
# BANDSAW CIRCLE CUTTING JIG





# SEAT MORTISE JIG

3/4 Plywood with 1 1/2" screws





# LEG MORTISE JIG

3/4 Plywood & whatever scrap you have laying around

Position fences to capture the tapered leg and attach with 1 1/4" screws.

12"

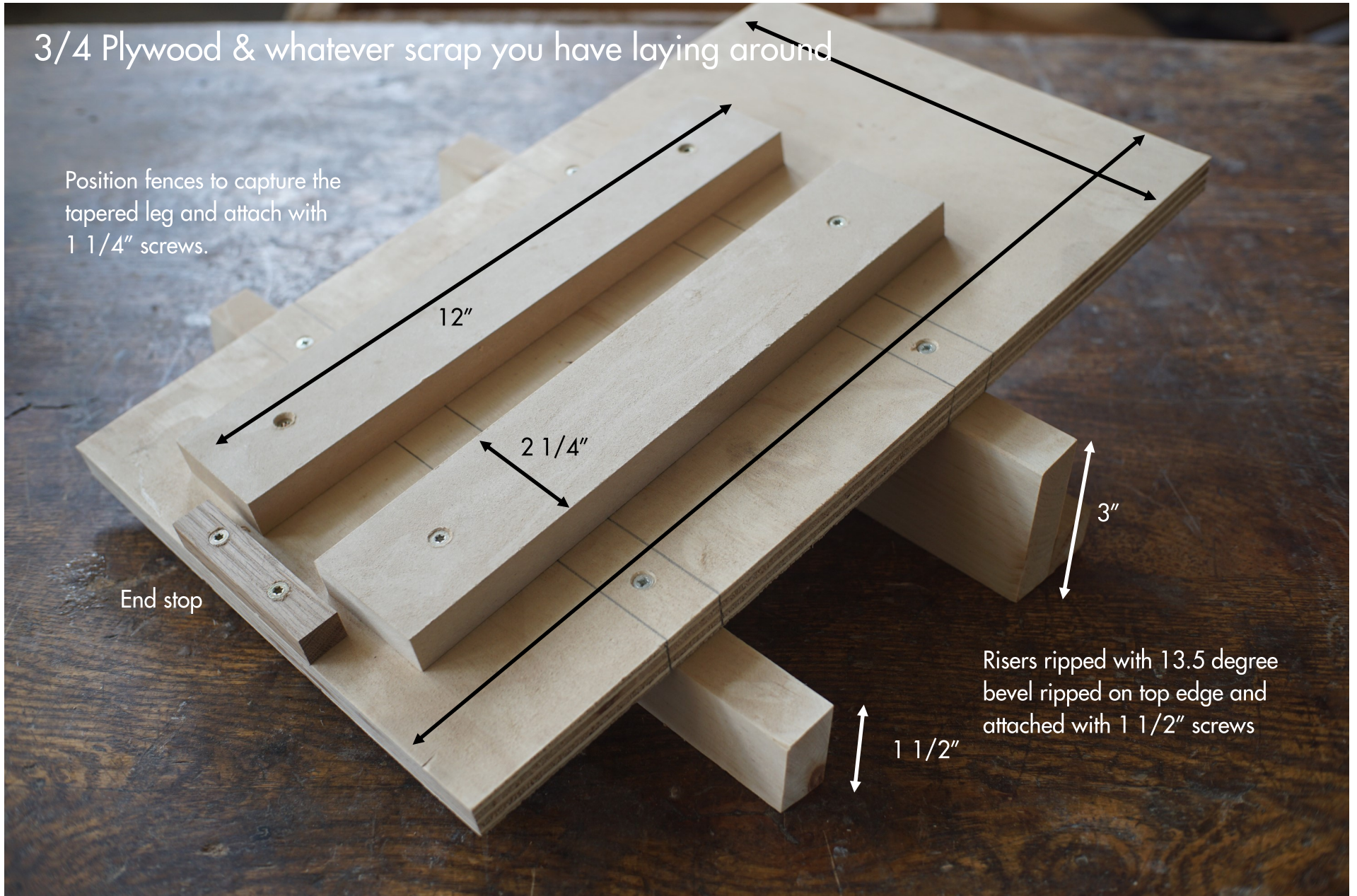
2 1/4"

End stop

3"

Risers ripped with 13.5 degree bevel ripped on top edge and attached with 1 1/2" screws

1 1/2"

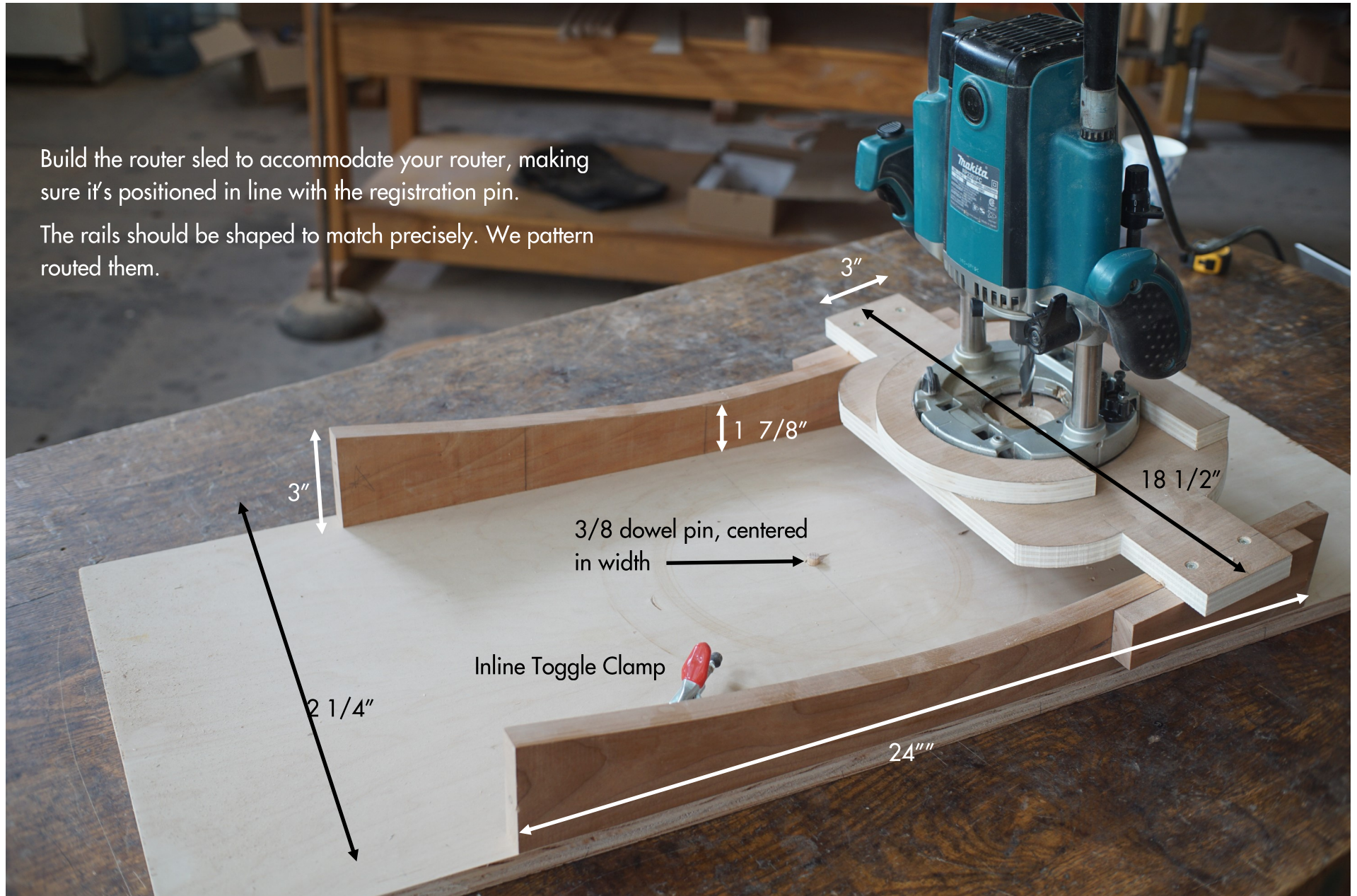




# SEAT SCOOPING JIG

Build the router sled to accommodate your router, making sure it's positioned in line with the registration pin.

The rails should be shaped to match precisely. We pattern routed them.





# TAPERING JIG

