

# CHIEF'S SHOP PLAN OF THE WEEK



## SIMPLE WOODWORKING: RUSTIC STOOL



### WHAT YOU'LL NEED



#### LUMBER

5 - 1 x 6 x 6 or reclaimed 1 x 6 x 6 fence pickets  
(availability will vary)

#### HARDWARE/SUPPLIES

1 1/4" pocket hole screws  
1" or 1 1/4" galvanized brads  
wood glue  
paint/stain/polyurethane

#### TOOLS

miter saw  
drill/driver  
pneumatic nailer or hammer  
Kreg pocket hole jig & drill bit  
clamps

### ABOUT THESE PLANS

On this first page you will see above the project complete. On the last page you'll find the finished outer dimensions.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the last page of this plan document.

Throughout these plans you'll find the icons below:



### LAYOUT

This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



### NOTE

Notes are the instructions for a particular step/section of the project.



### TAKE CARE!

This indicates when to pay close attention to the diagrams, take precautions for safety, etc.

### PARTS

Legs (8) - 3/4" x 5 1/2" x 15  
Top Rails (4) - 3/4" x 5 1/2" x 16 1/2  
Bottom Rails (4) - 3/4" x 5 1/2" x 16 1/2  
Seat Slats (3) - 3/4" x 5 1/2" x 21

\*Dimensions will vary with fence pickets, adjust accordingly.

*All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.*

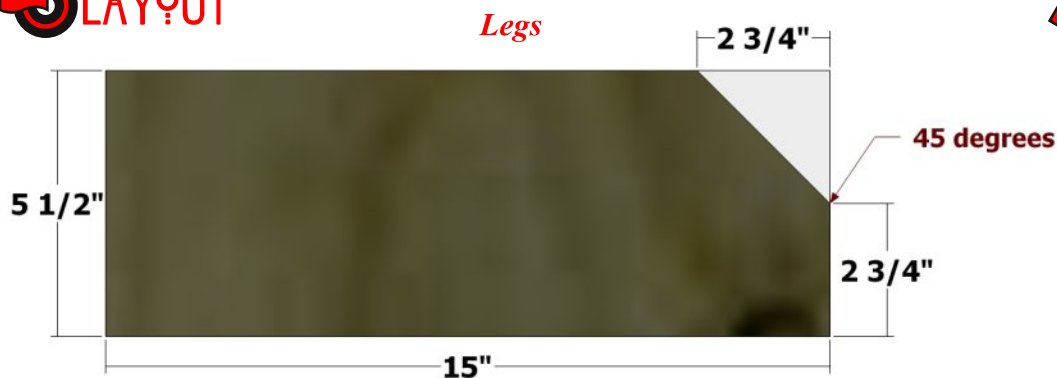


### MORE PLANS

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**LAYOUT**



**NOTE**

Use the layout as a guide for measuring, marking, and cutting, the **Legs**. Make eight.

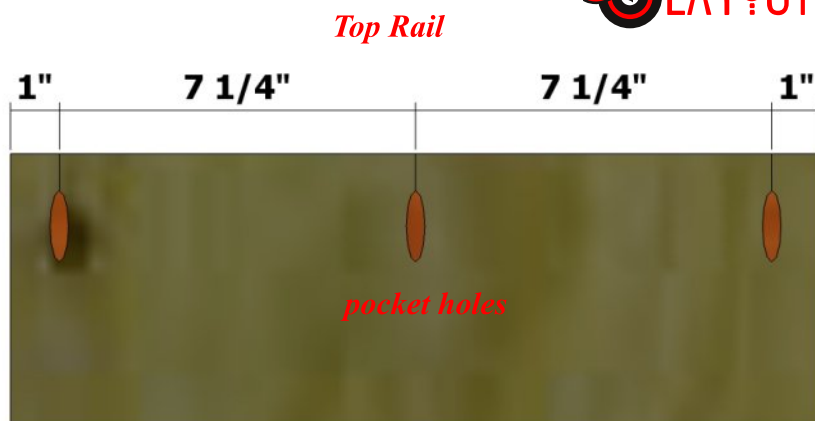


**NOTE**

Use the layout as a guide for measuring, marking, cutting and drilling pocket holes in two **Top Rails**. Set your pocket hole jig and drill bit for 3/4-inch stock (make adjustments as needed if fence pickets are less than 3/4-inch thick).



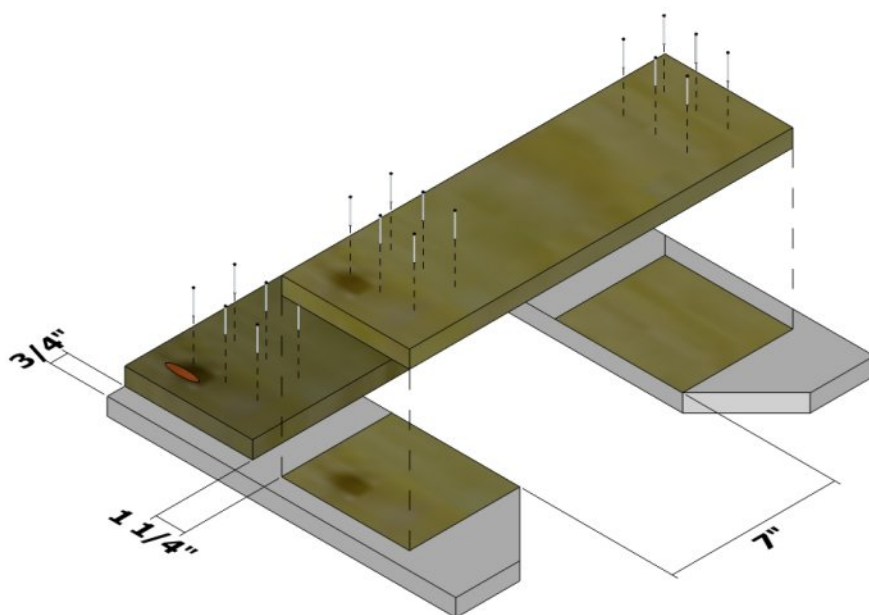
**LAYOUT**



**NOTE**

Position one of these **Top Rails**, as well as one **Bottom Rail** as shown and attach to the **Legs** using glue and 1 1/4-inch or 1-inch galvanized brads (if using fence pickets that are less than 3/4-inch thick). Make two assemblies. Label these as the **End Assemblies**.

**Note:** You will need to make adjustments to account for the thickness of fence pickets (if using them), specifically the distance from the outer edge of the **Legs**.



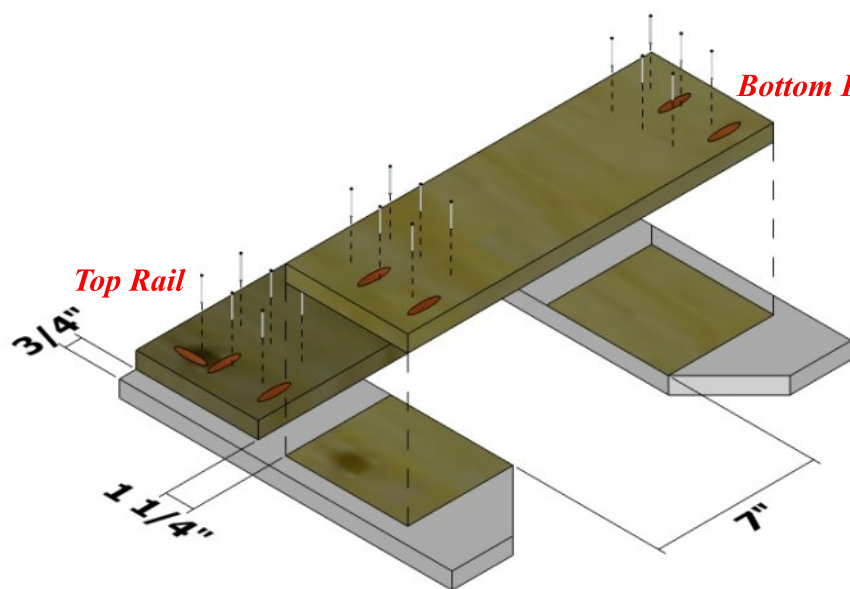
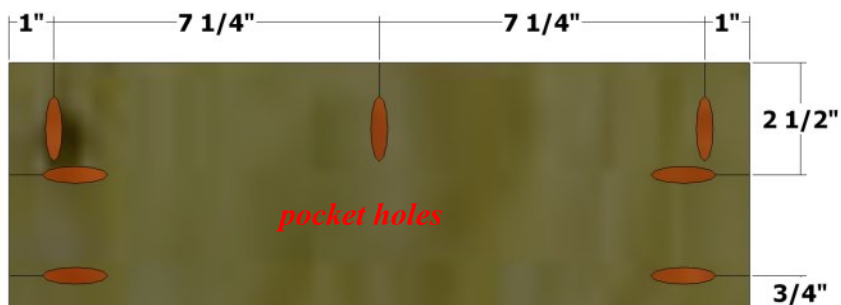
**NOTE**

Use the layout as a guide for measuring, marking, cutting and drilling pocket holes in the remaining two **Top Rails**. Drill two pocket holes on each end (and only the ends) of the remaining two **Bottom Rails**. Set your pocket hole jig and drill bit for 3/4-inch stock (make adjustments as needed if fence pickets are less than 3/4-inch thick).



**LAYOUT**

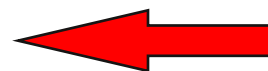
*Top Rail/Bottom Rail*



**NOTE**

Position one of these **Top Rails**, as well as one **Bottom Rail** as shown and attach to the **Legs** using glue and 1 1/4-inch or 1-inch galvanized brads (if using fence pickets that are less than 3/4-inch thick). Make two assemblies. Label these as the **Side Assemblies**.

**Note:** You will need to make adjustments to account for the thickness of fence pickets (if using them), specifically the distance from the outer edge of the **Legs**.

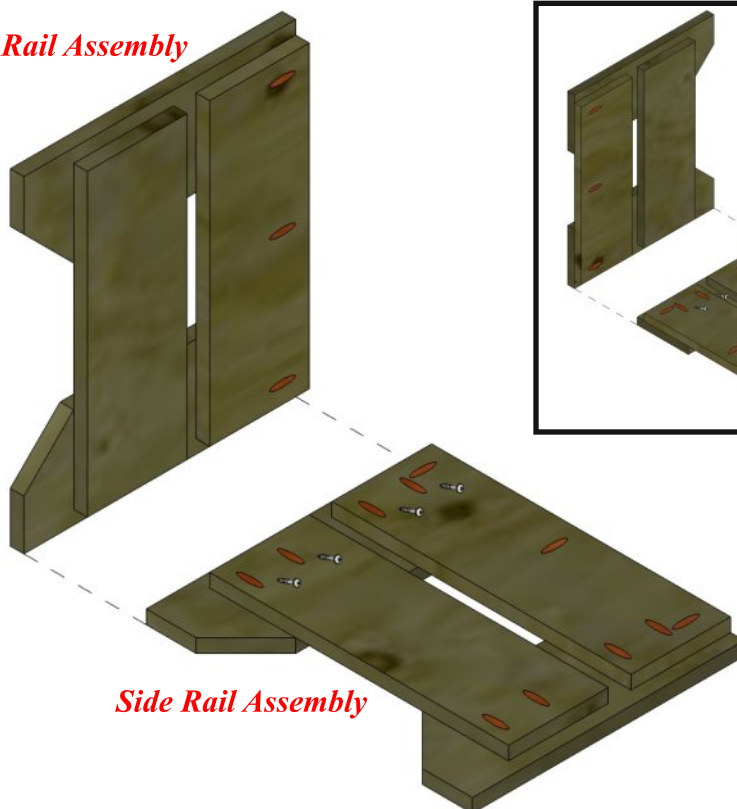




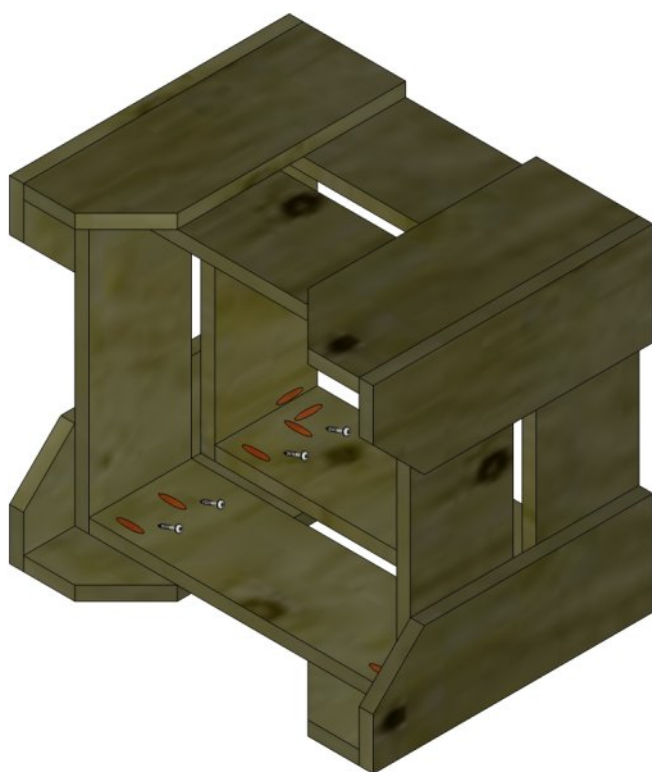
Position the **End Rail assemblies** flush with the end of one **Side Rail assembly** as shown and attach using glue and 1 1/4-inch pocket hole screws.



*End Rail Assembly*



*Side Rail Assembly*



Position the other **Side Rail assembly** as shown and attach using glue and 1 1/4-inch pocket hole screws.





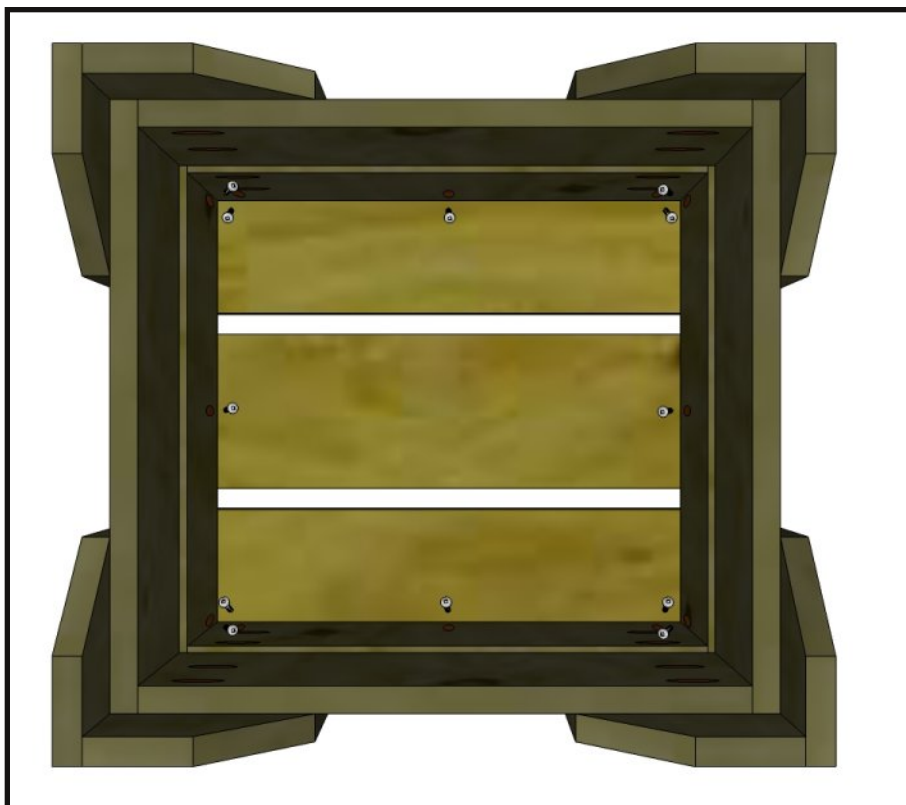
 **NOTE**

Position two **Seat Slats** as shown at left (flush with the outer edges of the assembly and centered), and attach using glue and 1 1/4-inch pocket hole screws. Drive the screws through the pocket holes in the **Top Rails** and into the **Seat Slats**.

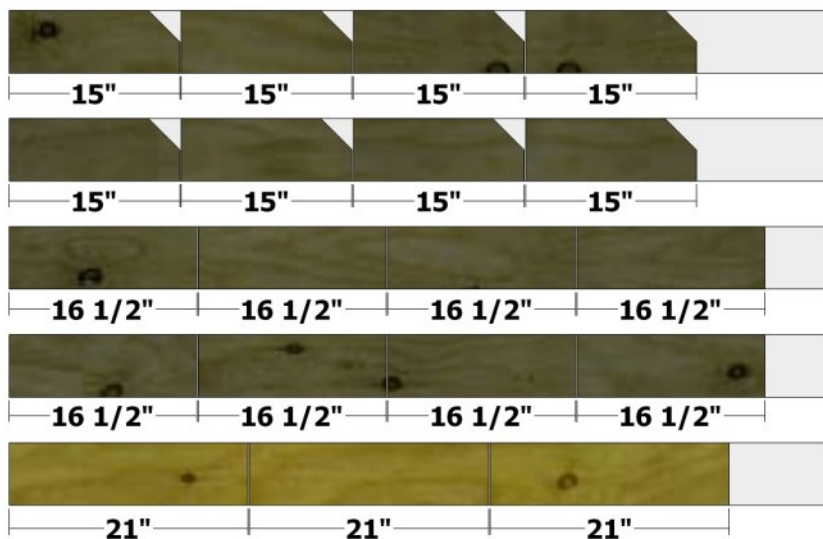


 **NOTE**

Position the remaining **Seat Slat** as shown above and at right (flush with the ends of the other two **Seat Slats** and centered), and attach using glue and 1 1/4-inch pocket hole screws. Drive the screws through the pocket holes in the **Top Rails** and into the **Seat Slat**.



# K CUTTING DIAGRAM



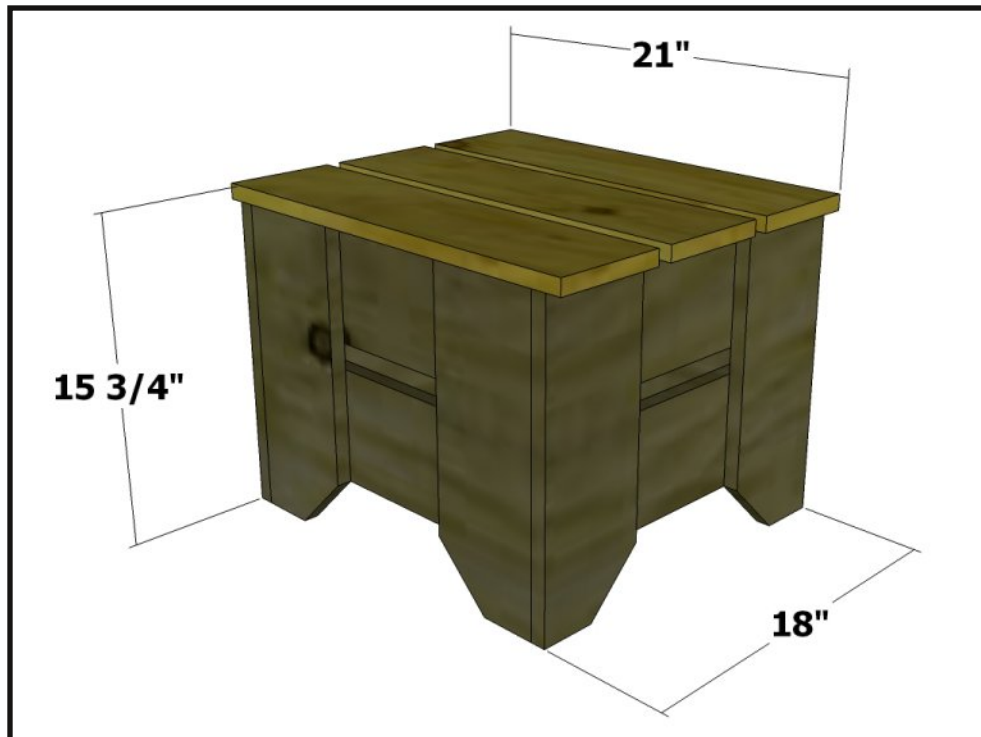
1 x 6 x 6 or reclaimed 1 x 6 x 6 fence pickets

## ✚ PARTS ✚

Legs (8) - 3/4" x 5 1/2" x 15  
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\*Dimensions will vary with fence pickets, adjust accordingly.

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



## ✚ TAKE CARE!

Follow ALL SAFETY GUIDELINES AND RECOMMENDATIONS provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. YOU are responsible for your safety, so use common sense when working in the shop!