



*Wood Work
File*

7.3

4-H Agricultural Engineering Woodworking Unit One Supplementary Manual

THINGS TO MAKE

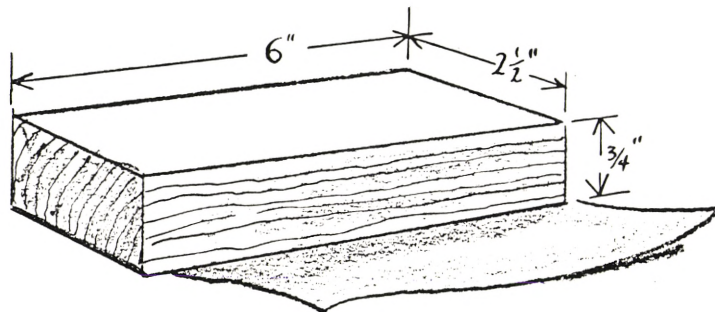
As a woodworker, you must have a plan of the projects you are going to make. In woodworking, the plan usually is called a working drawing. A working drawing shows you the thickness, width, and length of each part of the article you are going to make. Study the plan before you do any hammering or sawing—it will save you material and time.

Make one of the following:

Sandpaper Block

MATERIAL:

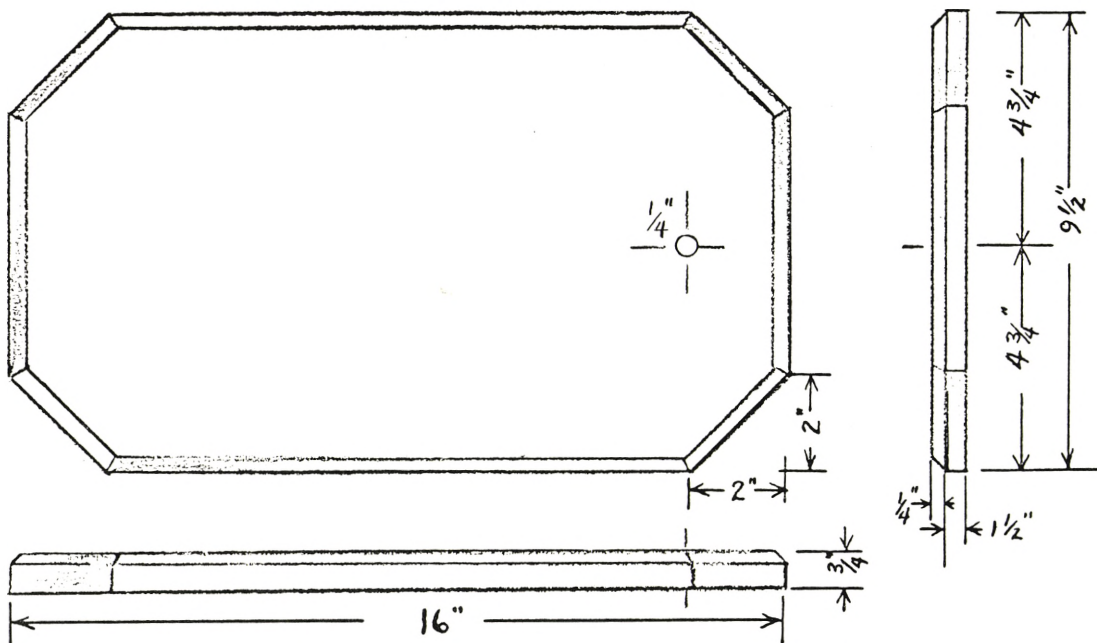
1 Board 1" x 3" x 6"
¼ Sheet sandpaper



Kitchen Cutting Board

MATERIAL:

1 Board 1" x 10" x 16"



The author is Robert Sheesley, Farm Advisor, Fresno County.

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Make one of the following:

Bolt and Screw Rack

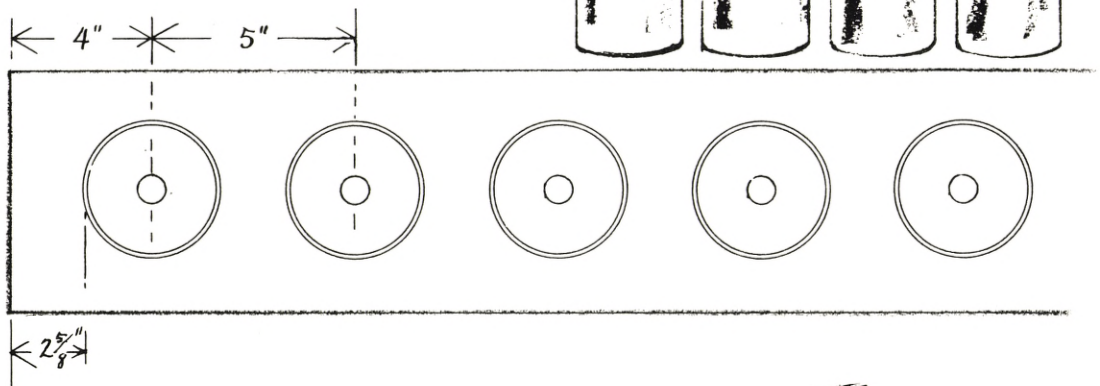
MATERIAL:

Roundhead screws

1 Board 1" x 4"

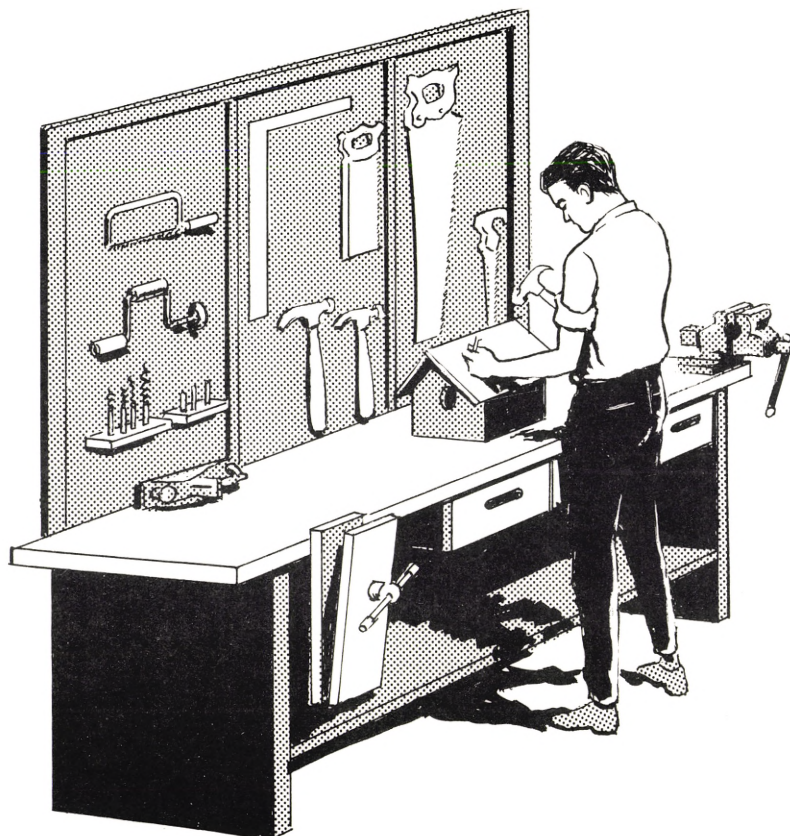
Jars with lids

Screw lids of pint jars onto underside of storage shelf, and screw jars into lids.



Tool Holder

Use dimensions to suit your shopbench. Good tools make good work. Keep them dry, sharp, and in order. The best tool is no good if you can't find it when you need it.



Hardware Display Board

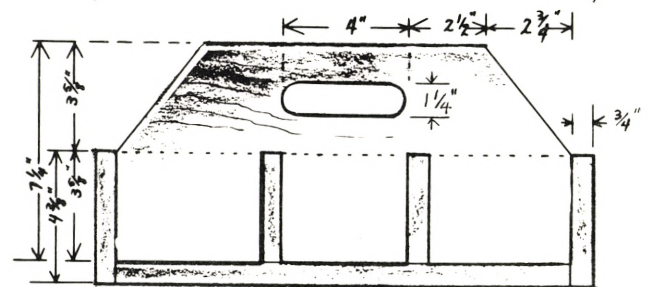
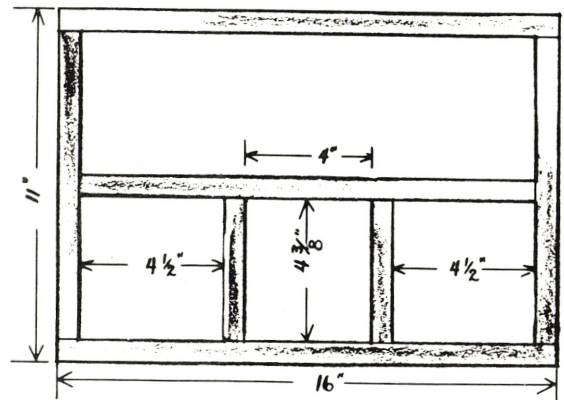
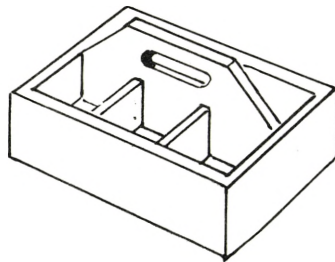
See the sketch on page 15 of your 4-H Woodworking Manual. Plan to display at least 14 different kinds of wood fasteners. To fasten each nail, screw, or bolt, drill a small hole in the display board. Tie the items to the board with fine copper wire. Label each item.

Make two of the following:

Tool and Nail Box

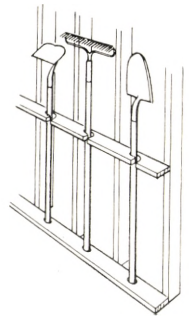
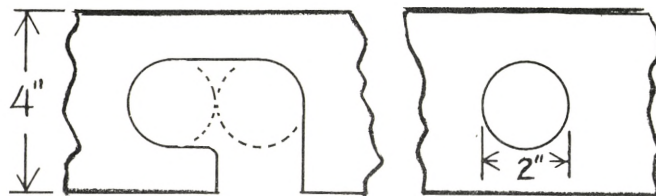
MATERIAL:

- 1 Board 1" x 12" x 17"
- 1 Board 1" x 4" x 10"
- 1 Board 1" x 6" x 54"
- 1 Board 1" x 10" x 15"
- Nails or screws

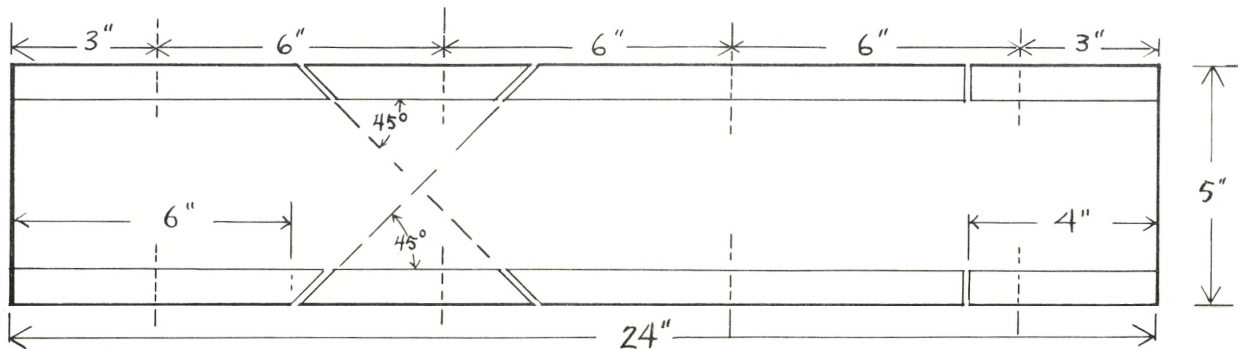


Hoe Rack

Hoes, rakes, spades, and brooms stay out of the way and within easy reach in notches made this way in rack close to wall.

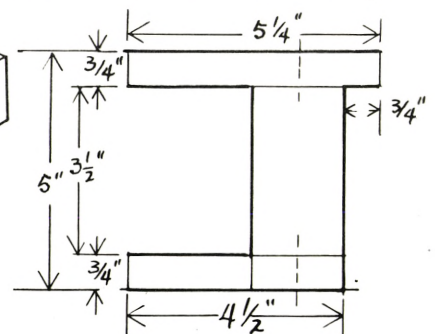
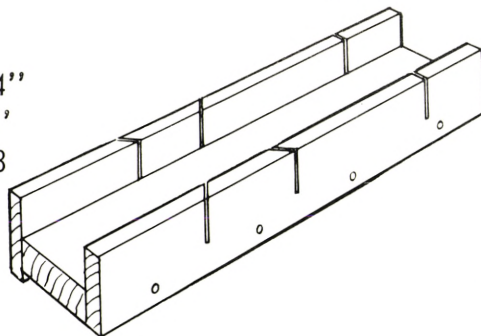


Mitre Box



MATERIAL:

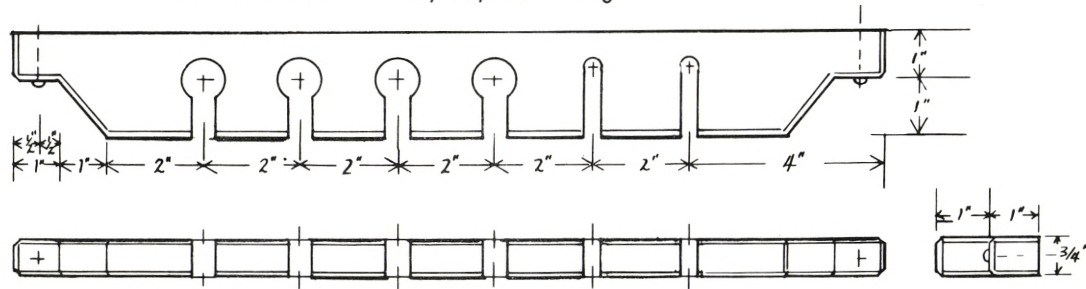
- 2 Boards 1" x 6" x 24"
- 1 Board 2" x 4" x 24"
- 8 Flathead screws, #8



Tool Rack

MATERIAL:

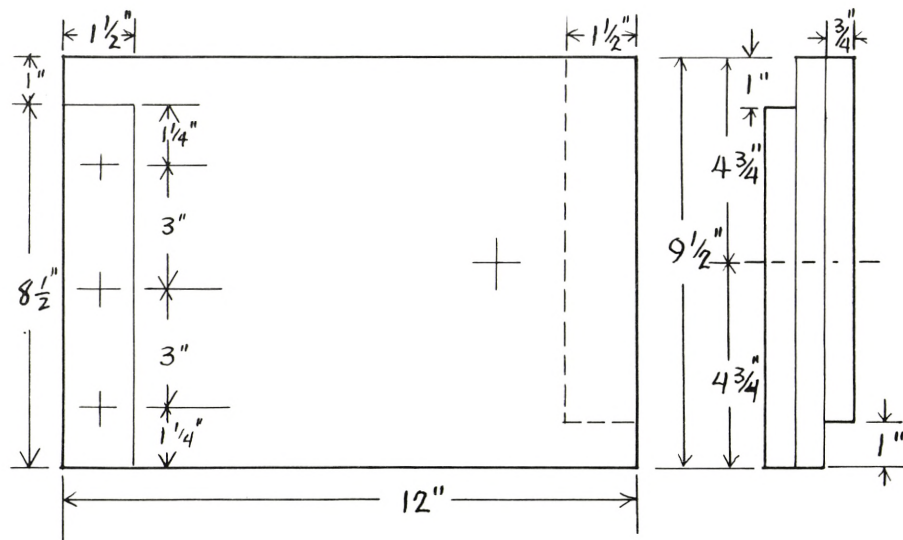
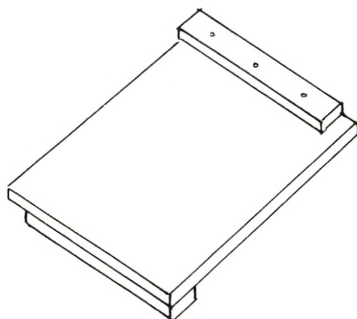
- 1 Board 1" x 2 1/4" x 18" (oversized dimensions of rough piece for square cutting and planing)
- 2 Roundhead screws, #6, 1 1/2" long



Bench Hook

MATERIAL:

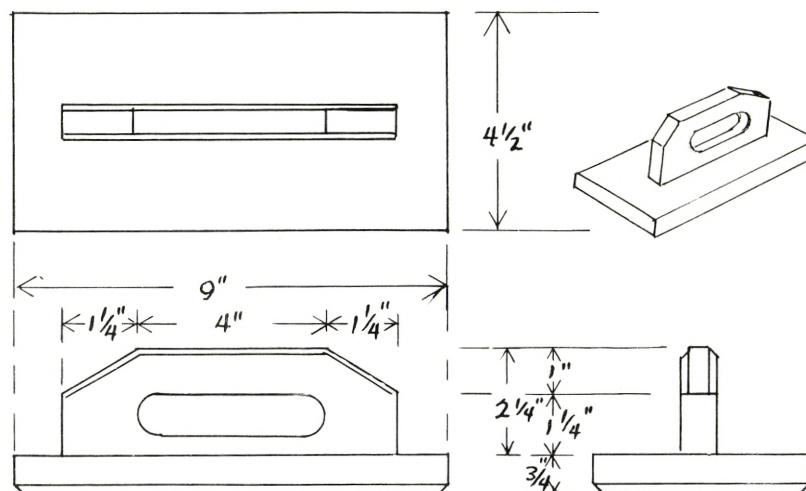
- 2 Boards 1" x 2" x 8 1/2"
- 1 Board 1" x 10" x 12"
- 6 Flathead screws, #4, 1 1/4" long



Concrete Float

MATERIAL:

- 1 Board 1" x 9" x 4 1/2"
- 1 Board 1" x 7" x 2 1/4"



4-H Agricultural Engineering

Woodworking Unit One

Supplementary Manual

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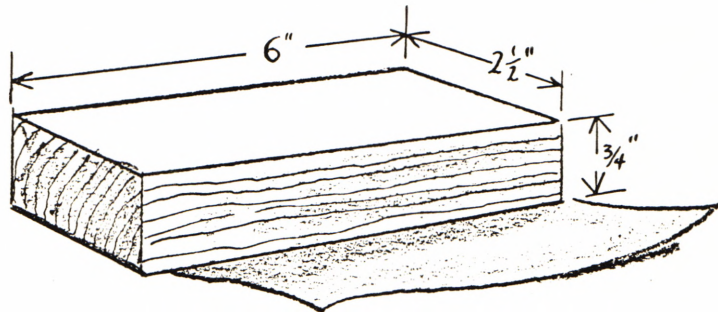
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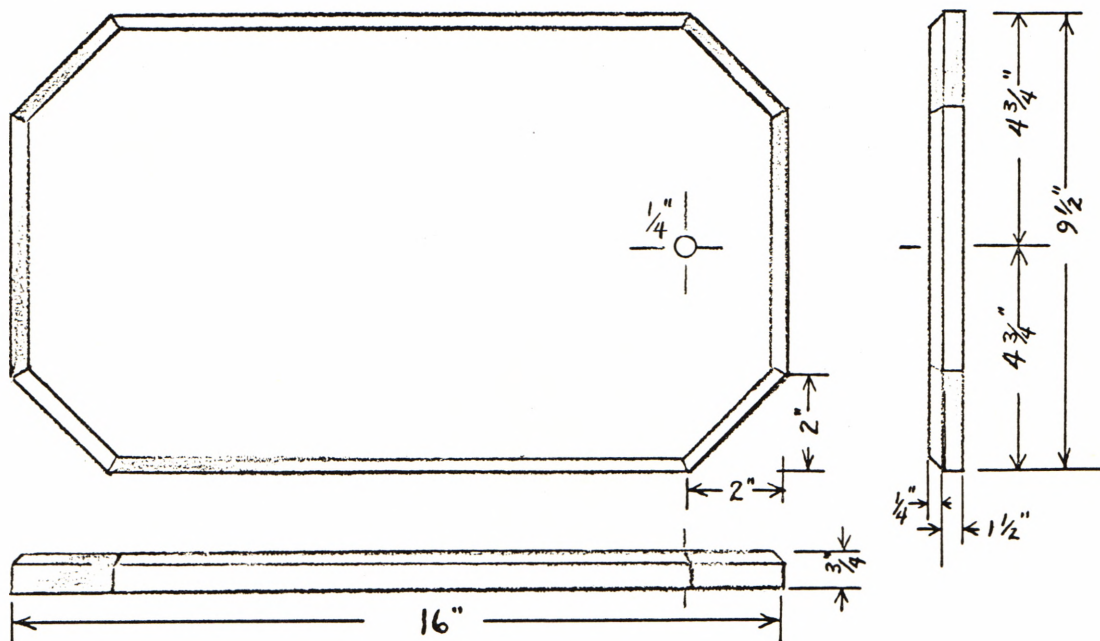
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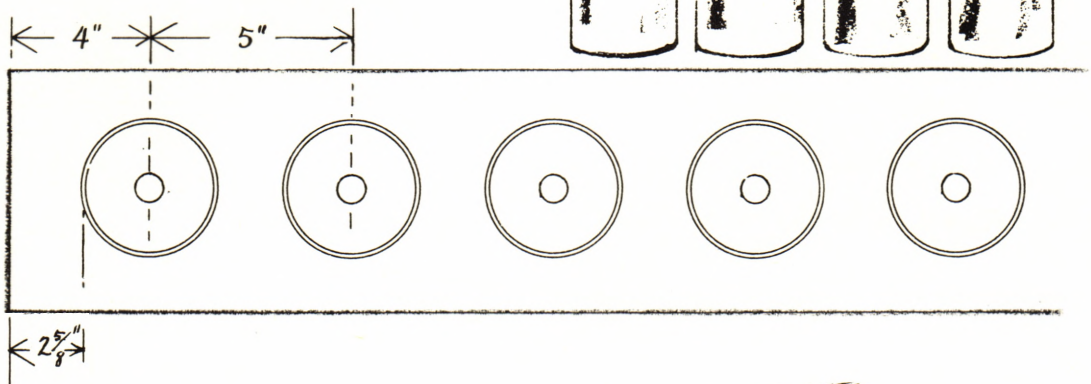
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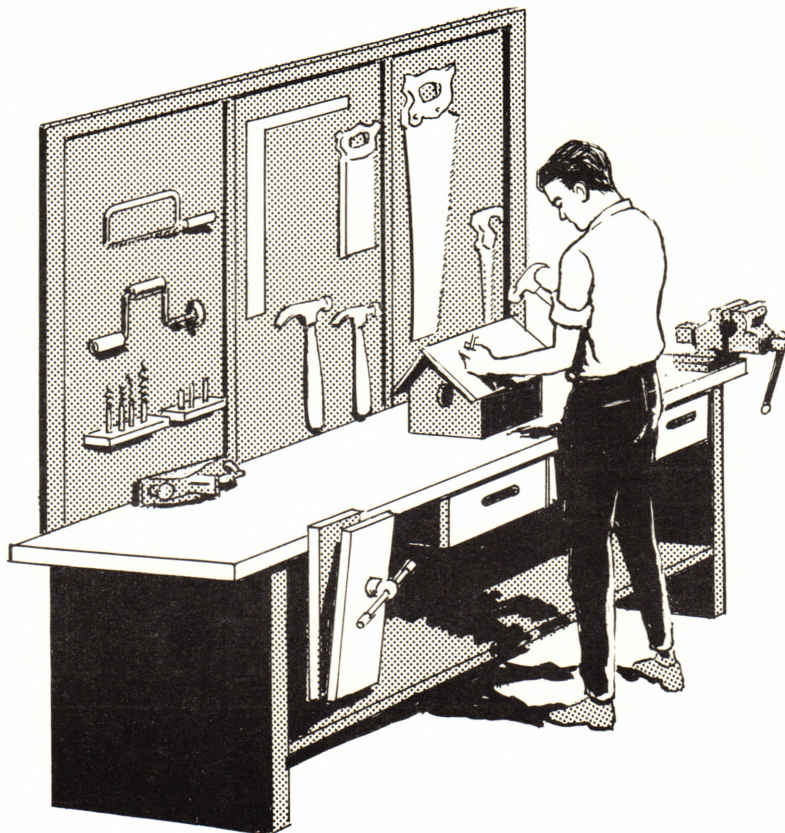
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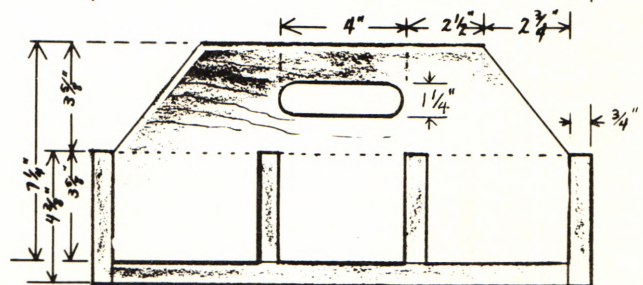
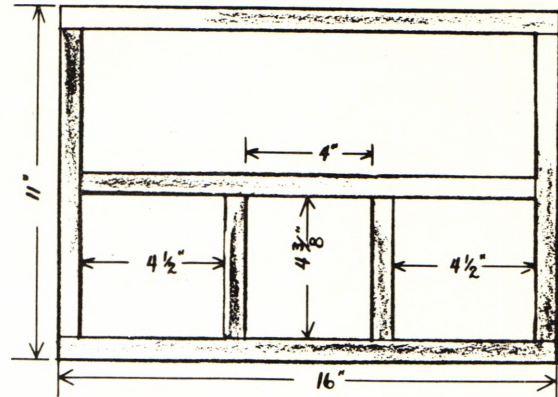
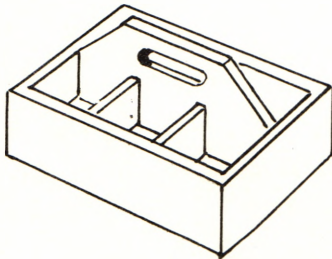
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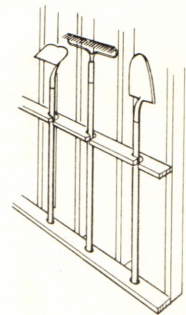
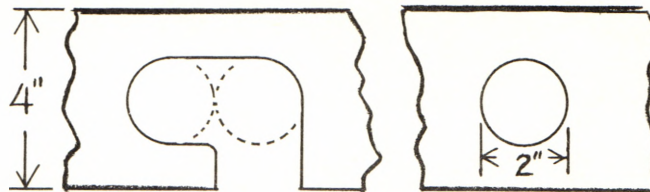
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Nails or screws

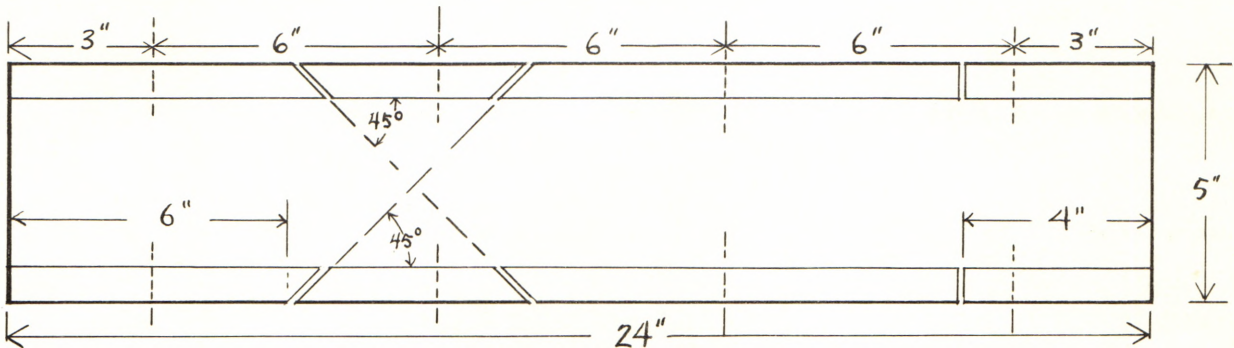


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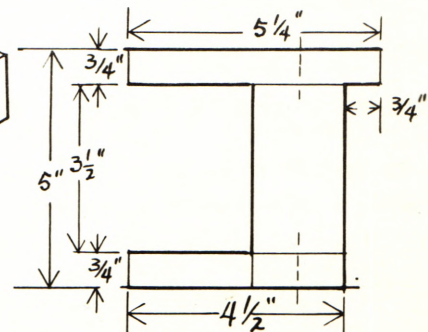
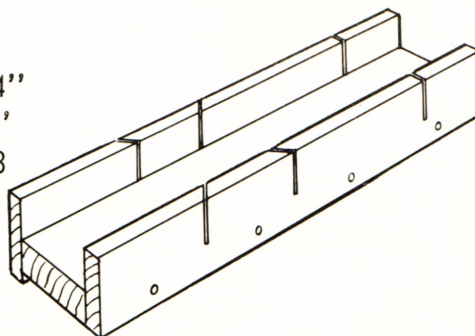


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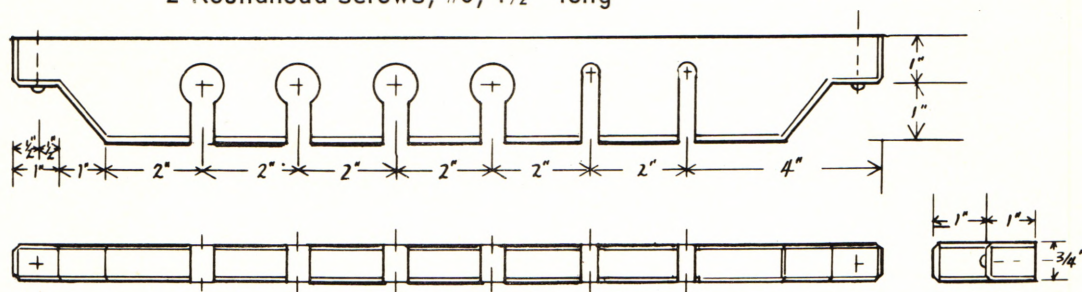
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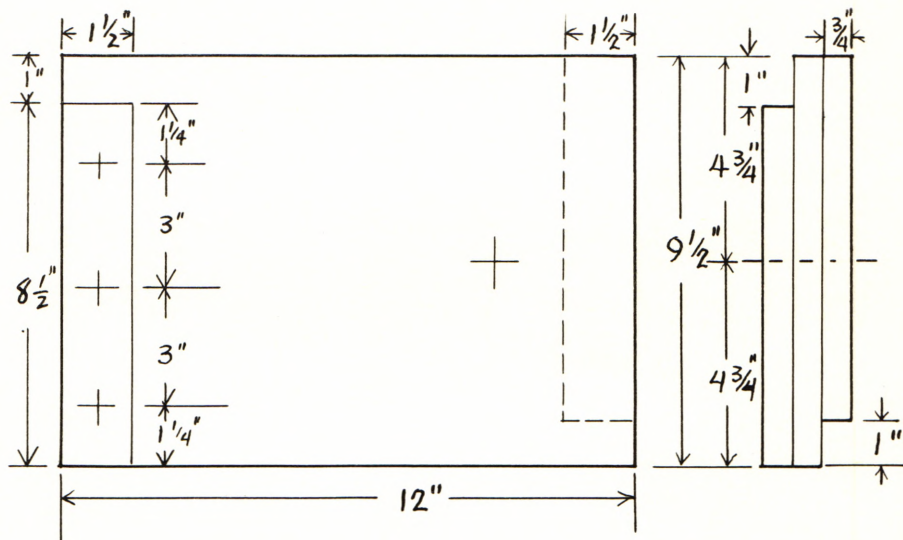
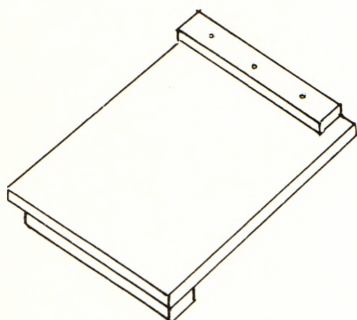
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