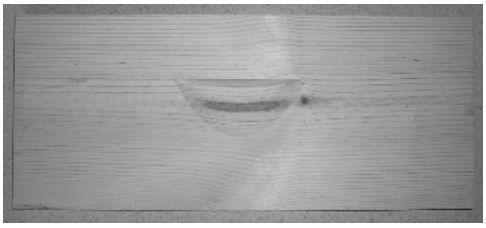
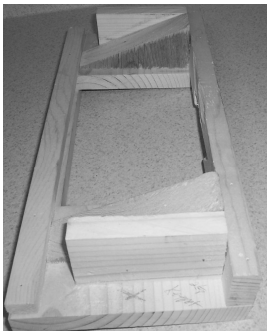
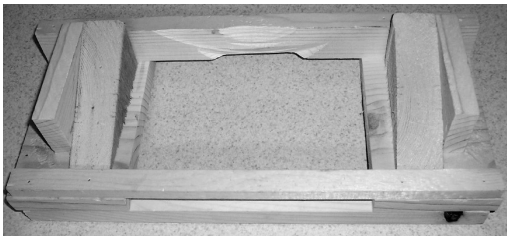
How To Make Professional Looking Hand Holds For Your Bee Hive

By Ryan Bekke







With the few tools listed here, you can safely & affordably make the professional looking hand holds for your bee hive boxes as seen in the picture.

Some minor length or width adjustments may be necessary due to the width of your skill saws' base.
These plans are based on a skill saw base that measures 6-1/2" X 12-1/8".
"The saw will ride in the cradle somewhat loose but not tight"
Practice on a piece of scrap to check for center & depth first. & adjust saw accordingly.

-Please Read Through All Plans & Instructions Carefully Before Proceeding-

I Assume No Responsibility for Injury

ALWAYS WEAR YOUR SAFETY GLASSES AND USE A PUSH STICK

Tools Required For This Project:

: Safety Glasses
: Ear Plugs
: Table Saw With Push Stick
; Skill Saw
: Nails & a Hammer

Step 1
Making The Jig

First we need to cut a board into parts from a piece of scrap 1x12 or 1x8.

Just leave them all the actual ¾" like they come unless specified otherwise.

Below are the pieces that we will need to make the jig.

Two pieces that are 2" X 4" X 3/4" for the end boards. Figure A

Two pieces that are 6-1/2"" X 4" X 3/4" for the base boards. Figure B

One piece that is 16" X 2" X ¾" for the back support. Figure C

One piece that is 16" X ¾" X ½" for the saw stop. Figure D

One piece that is ¾" X ¾" X 16" for the honey or deep super stop. Figure E

Two pieces that are 2-1/2" X 5" X 2" for the ramps. Figure F

The Two End Boards

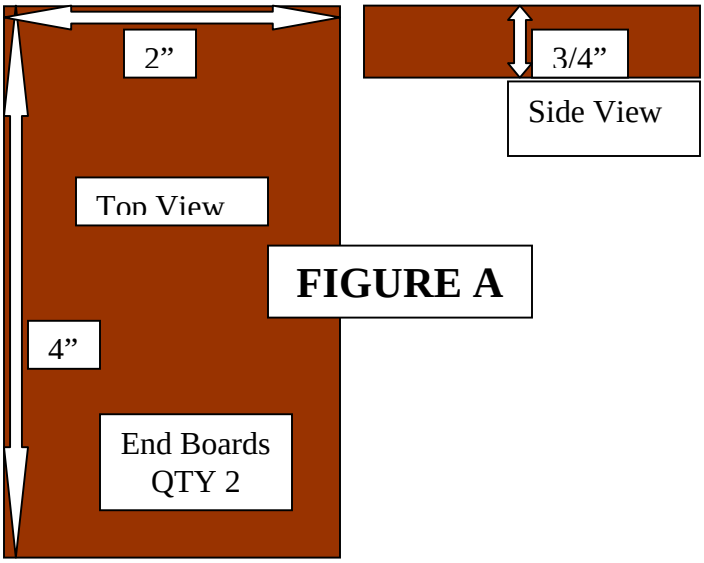
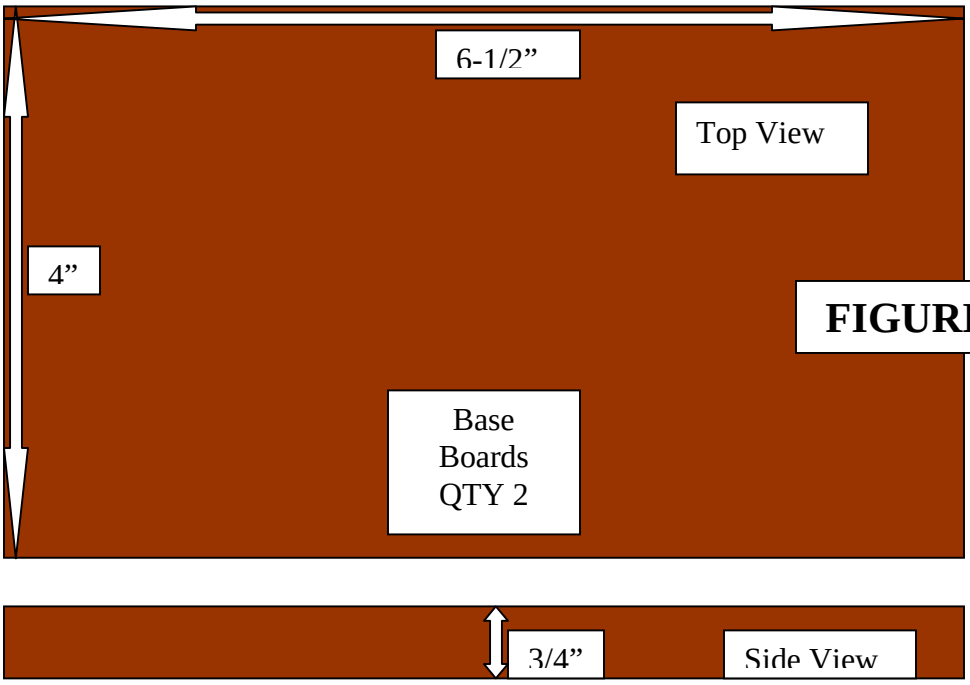
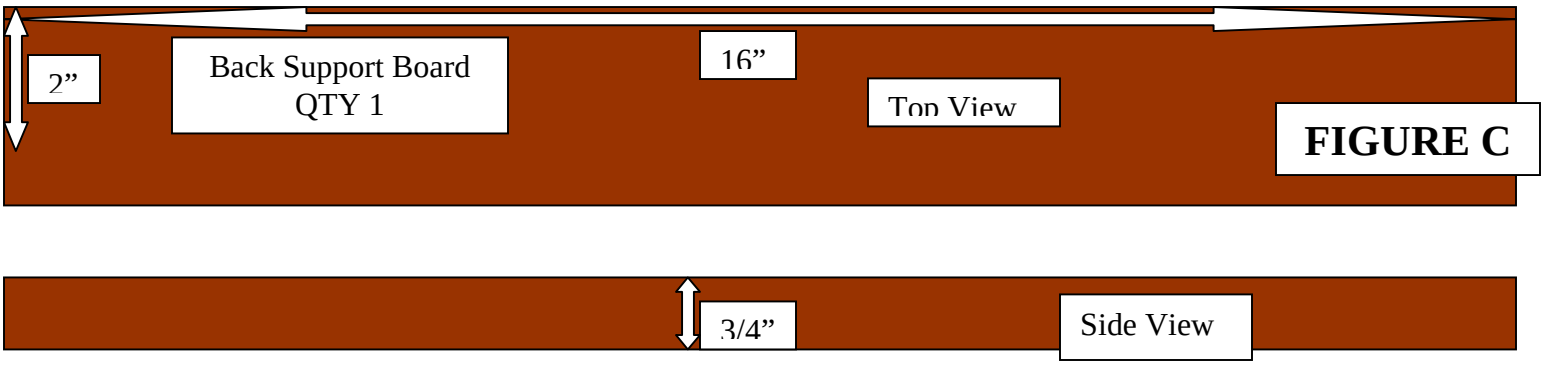


FIGURE A

The Two Base Boards



The One Back Support



The One Saw Stop

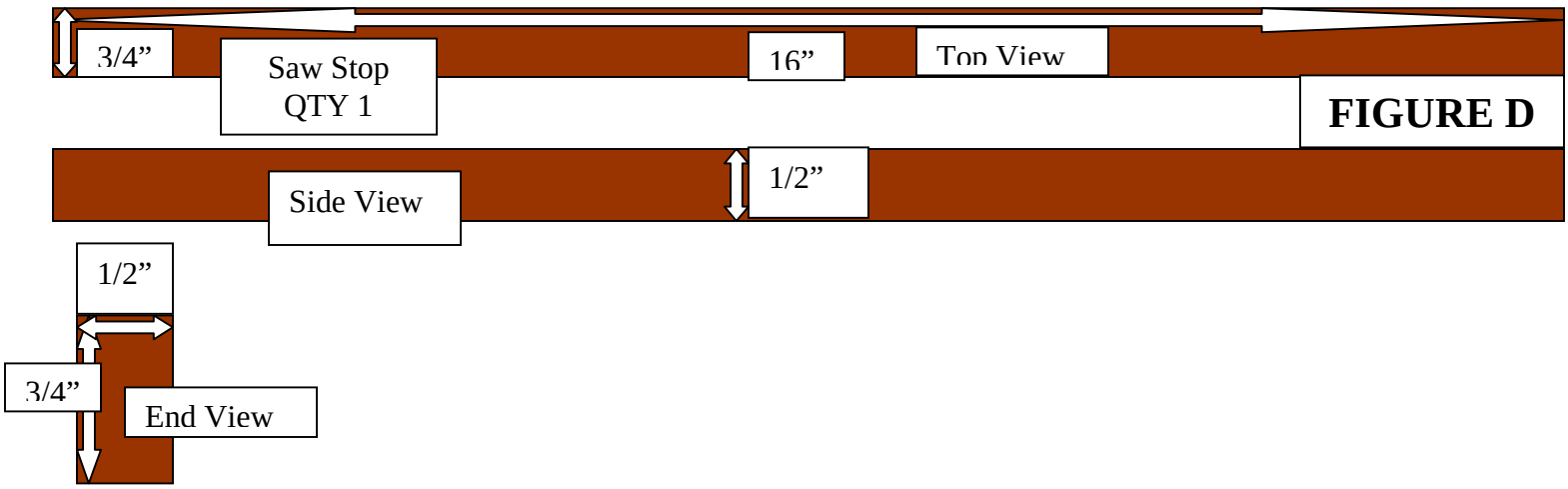


FIGURE D

The One Honey or Deep Super Stop

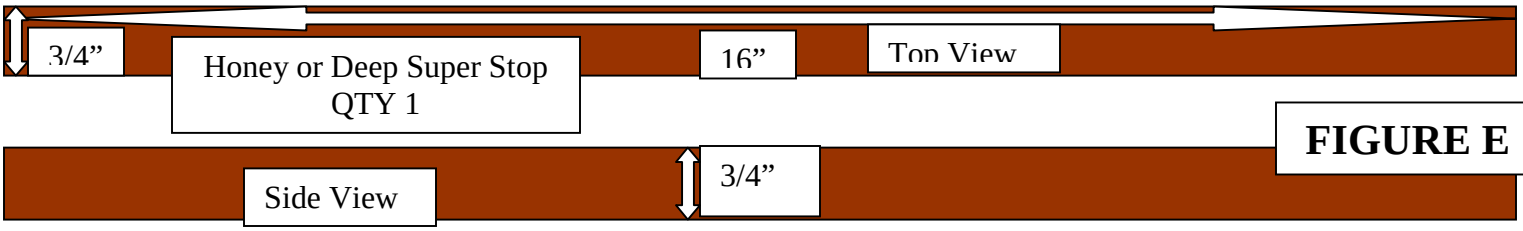
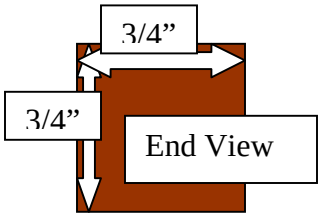
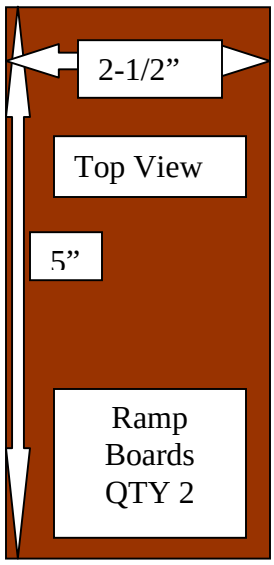


FIGURE E



The Two Ramp Boards Cut From A 2x 6



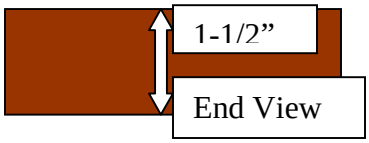
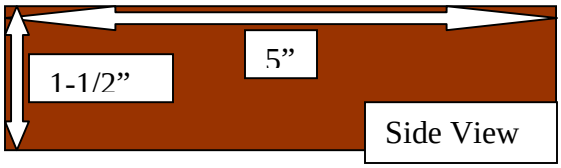
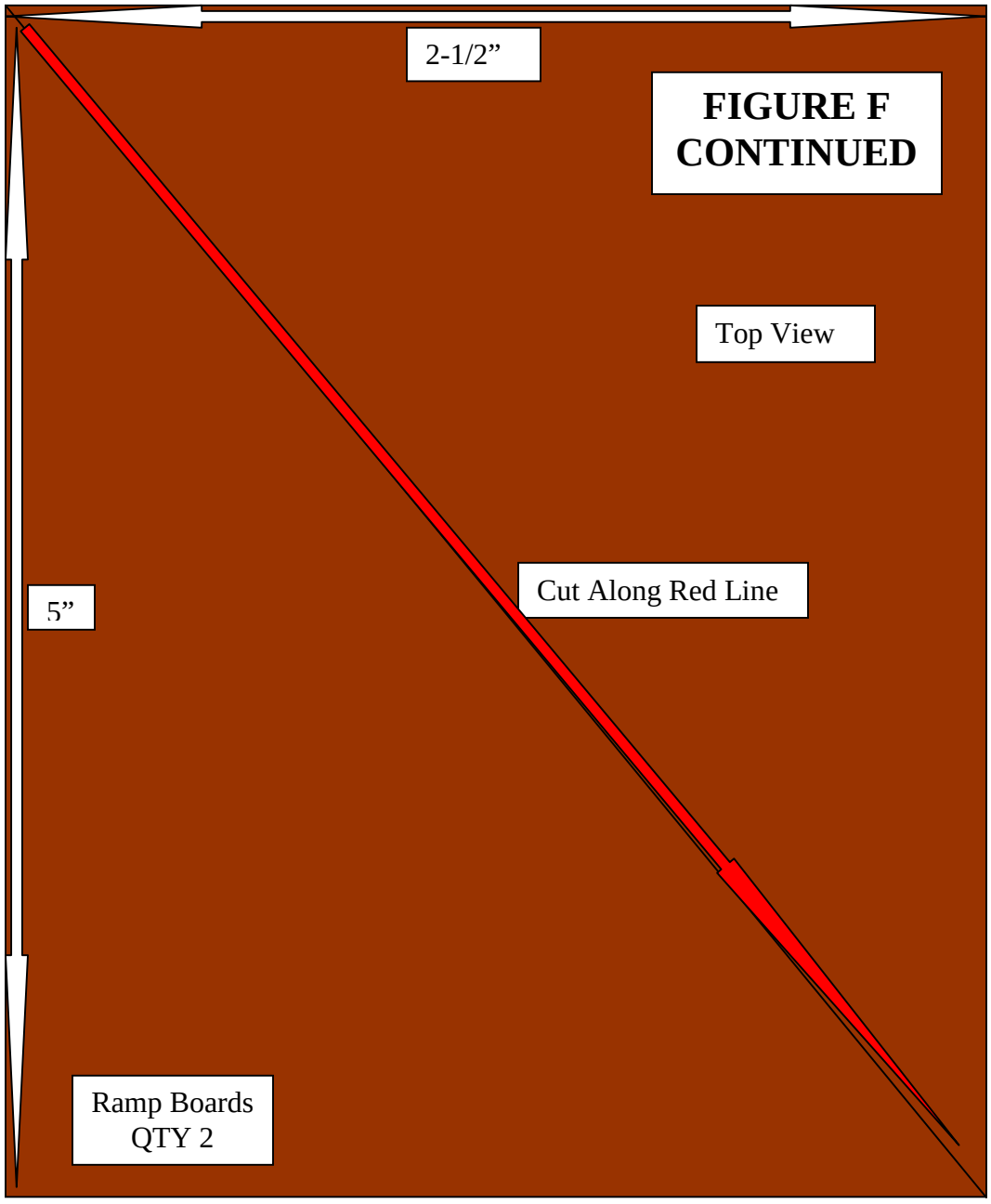


FIGURE F



Now cut an angle almost diagonal from corner to corner approx. 15 degrees on each of the two ramp boards to make the ramps.
See The Diagram Below.



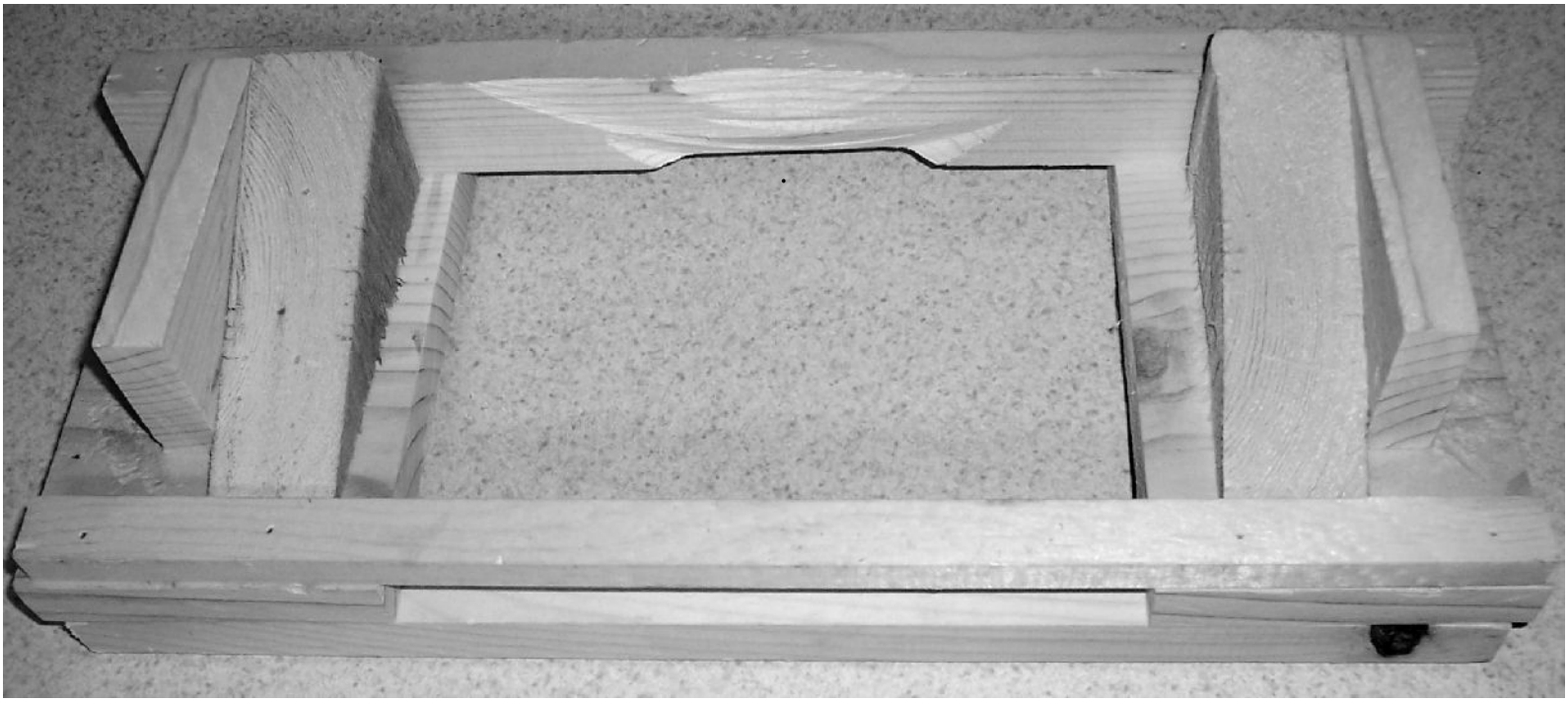
Now that the pieces for our jig are made, it is time to assemble our jig using finish nails. Assemble the jig in reference to the pictures below to fit your saws base length.

You don't want the saw to ride in the cradle to loose or to tight. You just want it tight enough so that it does not slop around in it.

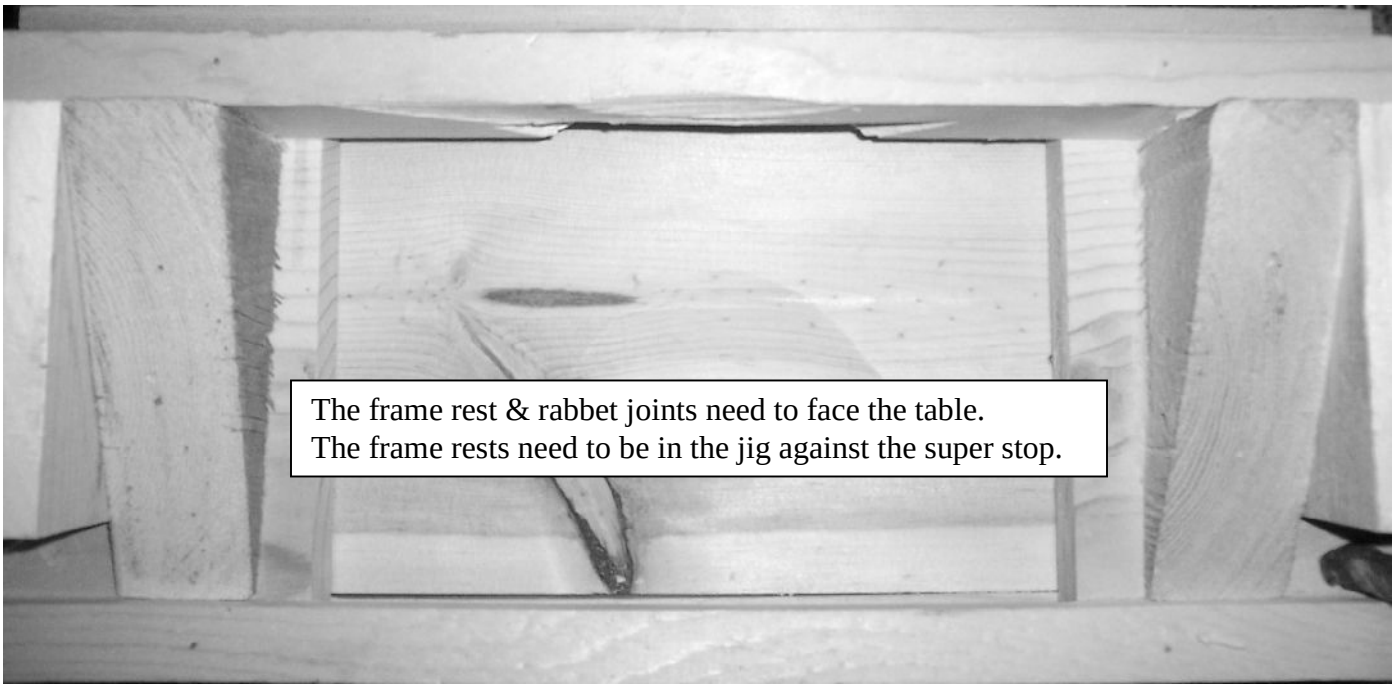
To use: clamp the Jig to a super box then just strap the blade safety gaurd on the saw open with a zip tie. Using the left side of the saw as the pivit point in the cradle, holding the saw with both hands starting at the high side of the ramp start the saw and use a repeated lifting action with the right side of the saw as it slides down the sled to the stop.

You will have to adjust the blade for the correct depth.

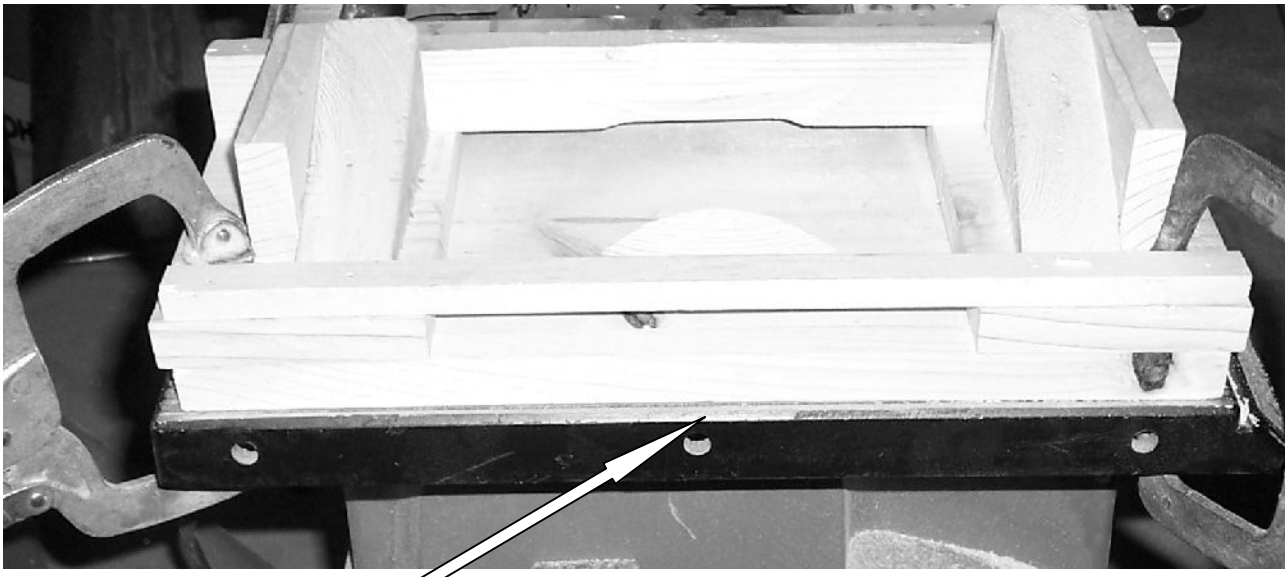
With a little practice you will be able to cut these in in about 30-45 seconds each.



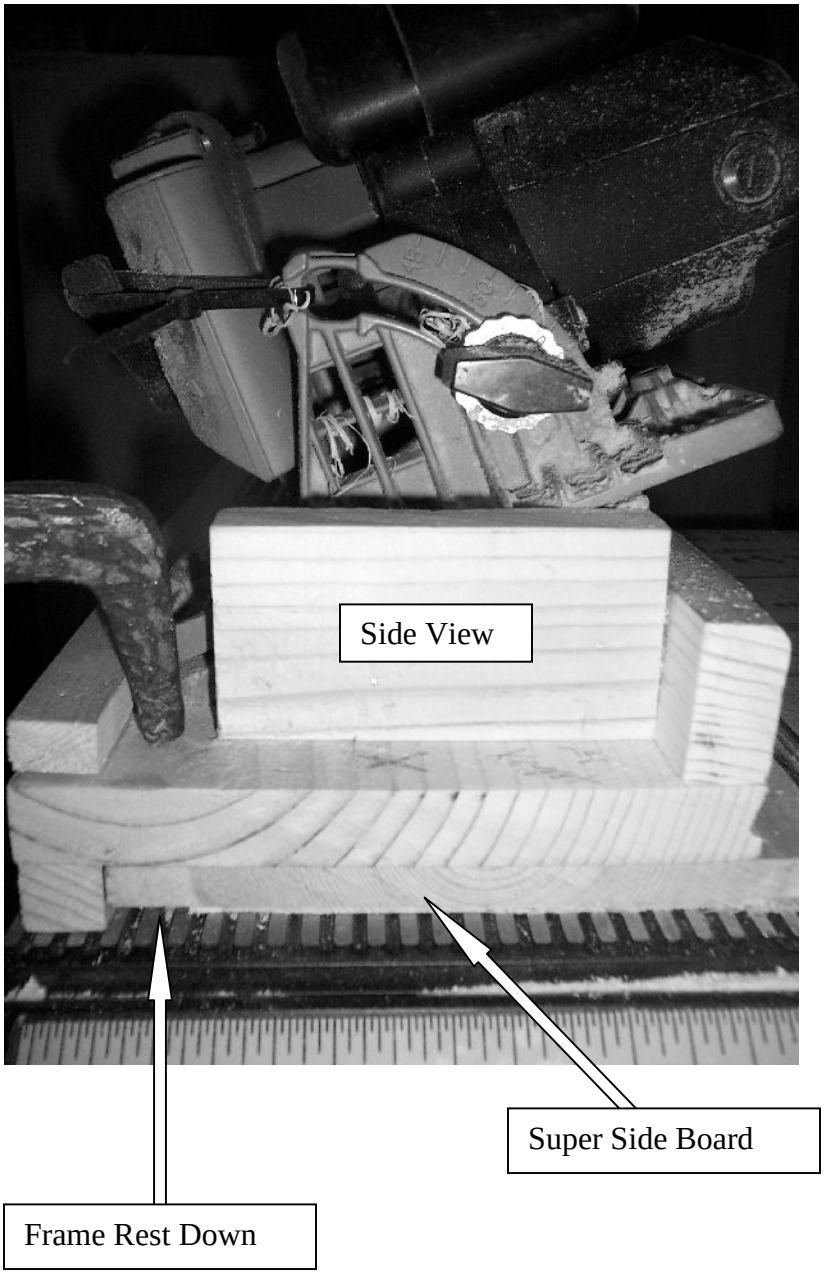
Step 1 - Place and center the jig on top of the super box where hand hold will be cut.



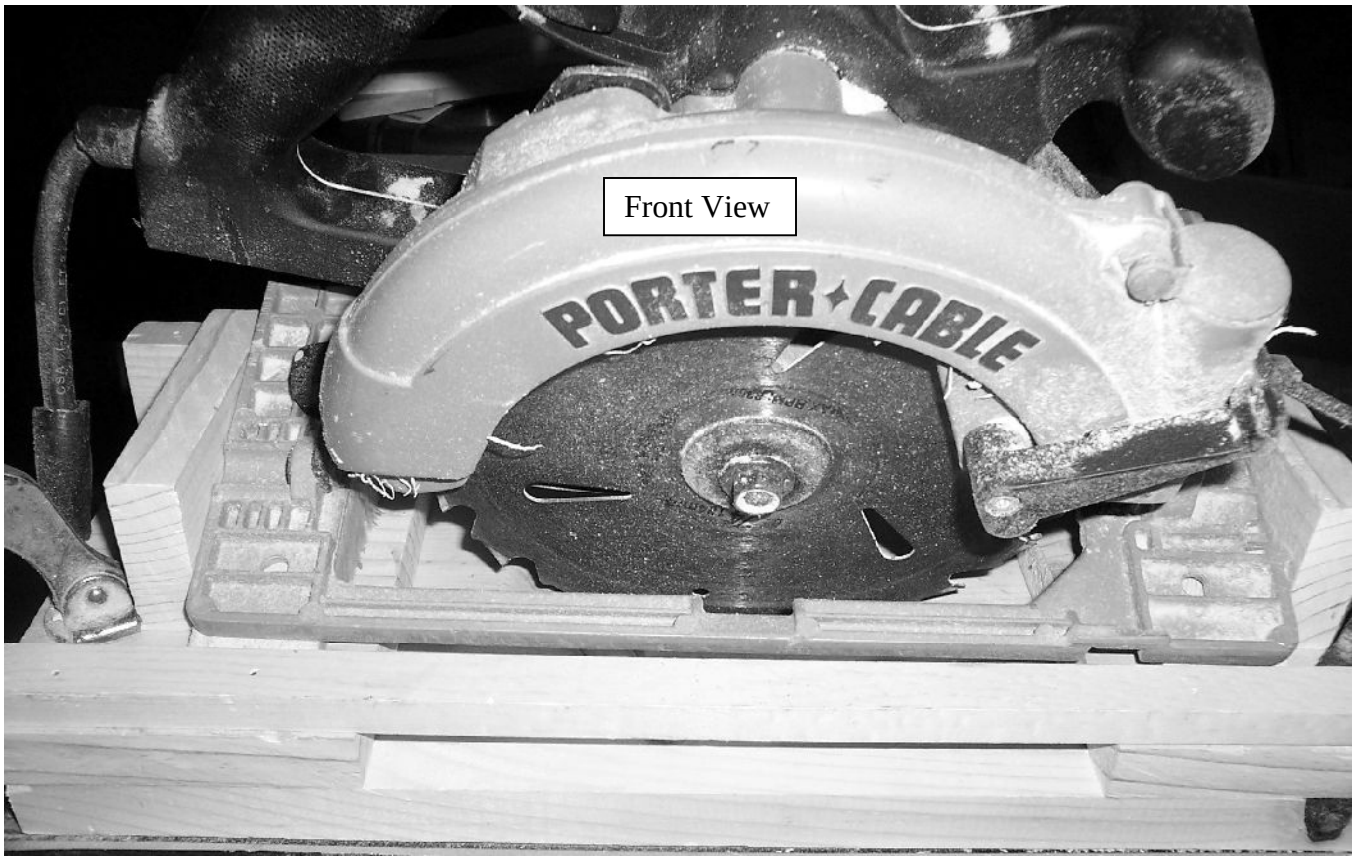
Step 2 - Clamp the jig on top of the super and to the table.

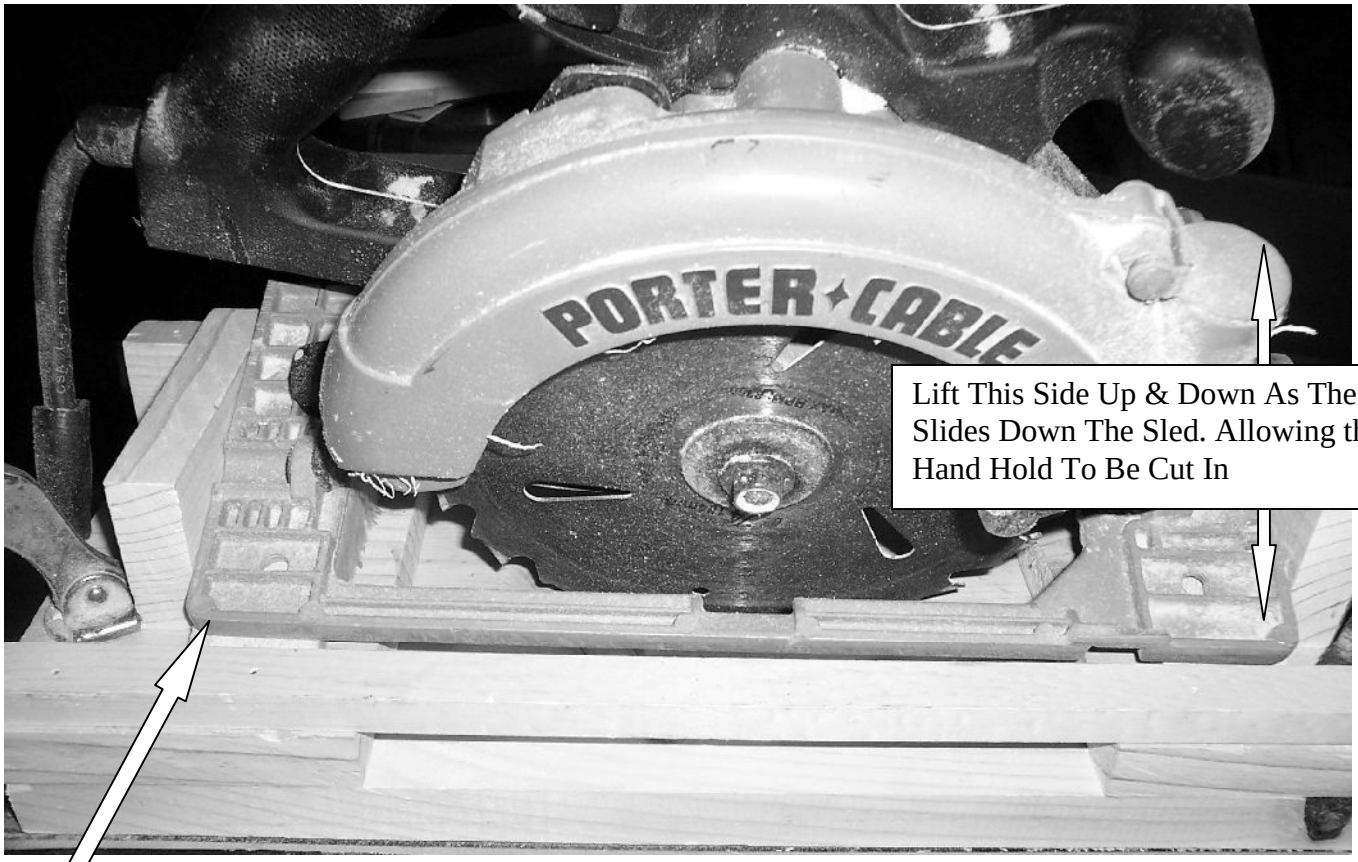


Step 3 – Set the saw onto the jig.



Step 4 – With the saw set up cut in the hand hold using the pivoting action from the left and the upward lifting on the right sie of the saw.





Lift This Side Up & Down As The saw Slides Down The Sled. Allowing the Hand Hold To Be Cut In

Pivot Point