

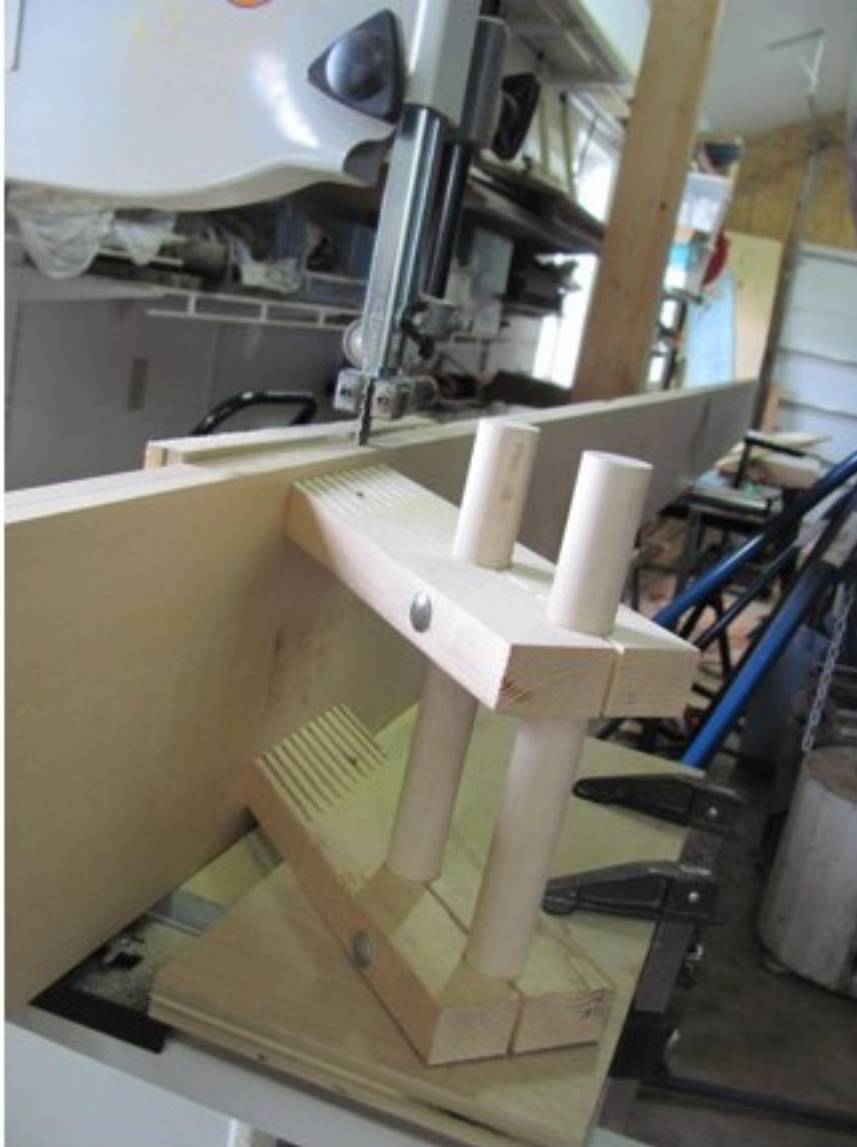
Resawing Planking Stock

I purchased about 300bf of Alaskan Yellow Cedar to be used for the double planking. I bought 4/4 stock planning to plane it down to 5/8" for the outer planking and down to 3/8" for the inner planking. Since then Nat from Gannon and Benjamin suggested using Wana for the outer layer and cedar for the inner. They also pointed out the waste involved in planing 4/4 stock down to 3/8", suggesting that I resaw the 4/4 to yield two 3/8" slabs.

Although I was skeptical that I could resaw 17' of 10" wide stock in my shop, I thought I'd give it a try. To my surprise I was able to resaw an 8" wide board in about 45 min and a 10" wide board in just under 1 hour. The boards started out just over 1" thick. The saw kerf was about 1/16". The finished slabs were no thinner than .440". So not much was lost due to saw drift. The set up is shown in the pics below.







First I made an 8" high auxiliary fence that I bolted to the Wilton fence. I then free handed a piece of pine to determine how the blade (3/4" carbide) tracked. I then adjusted the fence angle parallel to the track line.

I also built a feather board fixture to hold the stock against the fence.

I adjusted the angle of the table so that the blade was parallel with the auxiliary fence (about 2.5 deg. from flat).

I used support rollers to support the plank on the infeed and outfeed.

I marked the midpoint of the edge with a pencil and pushed the stock through the saw watching that the saw followed the pencil mark. Occasionally the outfeed face of the plank would move away from the fence so I would just rotate the board a bit to correct for this.

To prepare the stock, I thickness planed it just enough to clean up the faces. I used a joiner plane to clean up the edges.

I'll cut the planks to shape before final planing to 3/8" thickness. My little planar has trouble powering through 10" wide stock.