

CONSTRUCTION NOTES

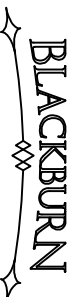
1. Species is not critical but stiff, light woods with straight grain are preferred. Ash is excellent, as is hickory, cherry, soft maple, or poplar.
2. This pattern is designed to work with the hardware from Blackburn Tools (BlackburnTools.com), but may work with others with modification.
3. I used stub tenons to join the frame, but more complex joinery is also traditional.
4. Arm blank dimensions:  $1\frac{5}{8}$ " x 3" x 24" (24" length can be adjusted to fit the width of your shoulders).
5. Stretcher dimensions:  $1\frac{5}{8}$ " x  $1\frac{3}{8}$ " x length (stretcher length depends on the length of the blade). EXCLUDING the tenon, the stretcher length should be  $1\frac{5}{8}$ " longer than the blade length.

36" blade -  $37\frac{5}{8}$ " + 2x tenon length  
 48" blade -  $49\frac{5}{8}$ " + 2x tenon length

VERIFY ALL DIMENSIONS BEFORE COMMITTING TO ANY CUTS

Handles rounded  
 over for comfort

Stitch line for  
 joining paper  
 template

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24"

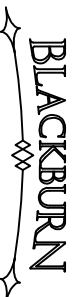
# HANDLE

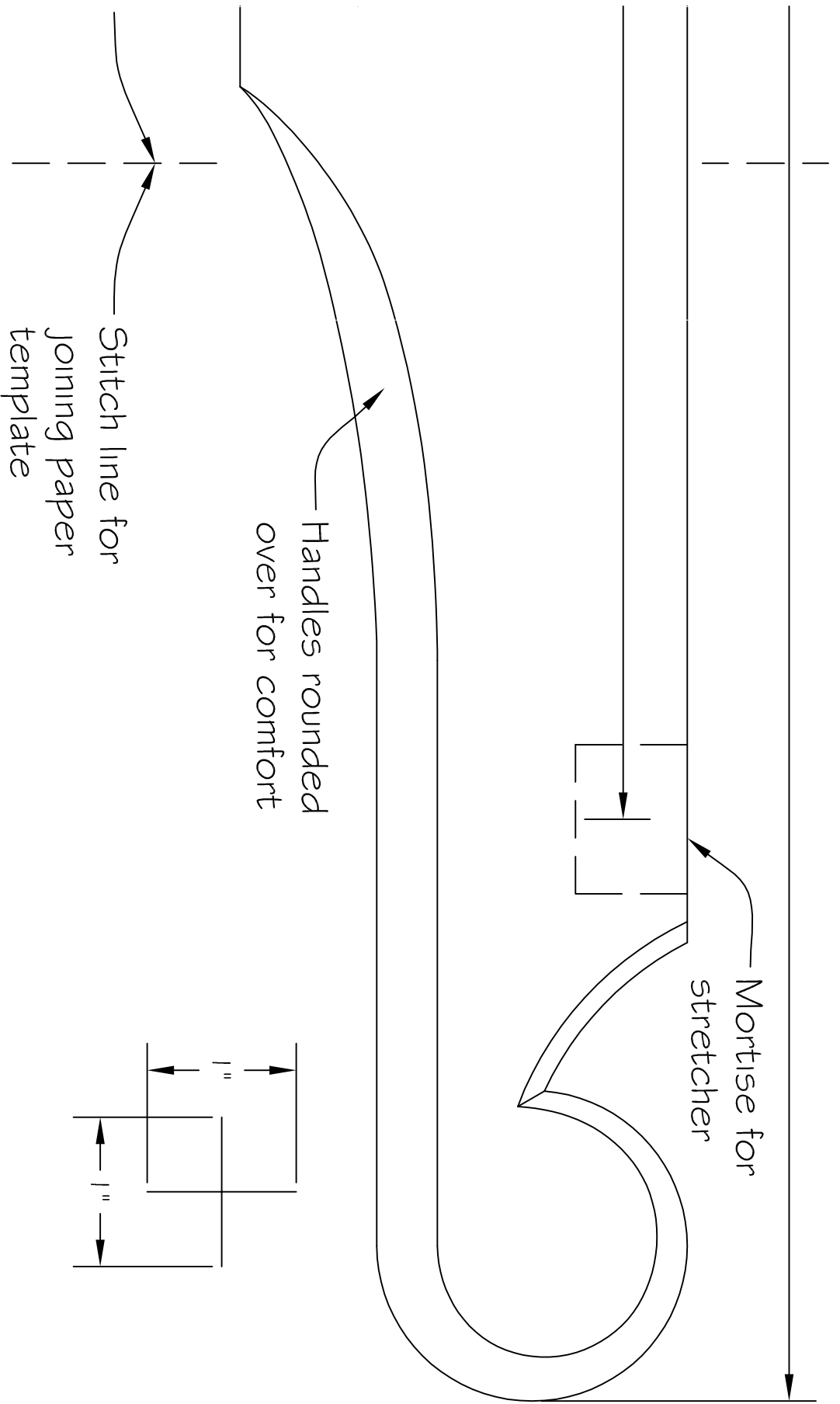
Use  $1\frac{5}{8}$ " thick stock

Mortise for bearing plate  
(on one arm only)

Stitch line for  
joining paper  
template

Stitch line for  
joining paper  
template

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