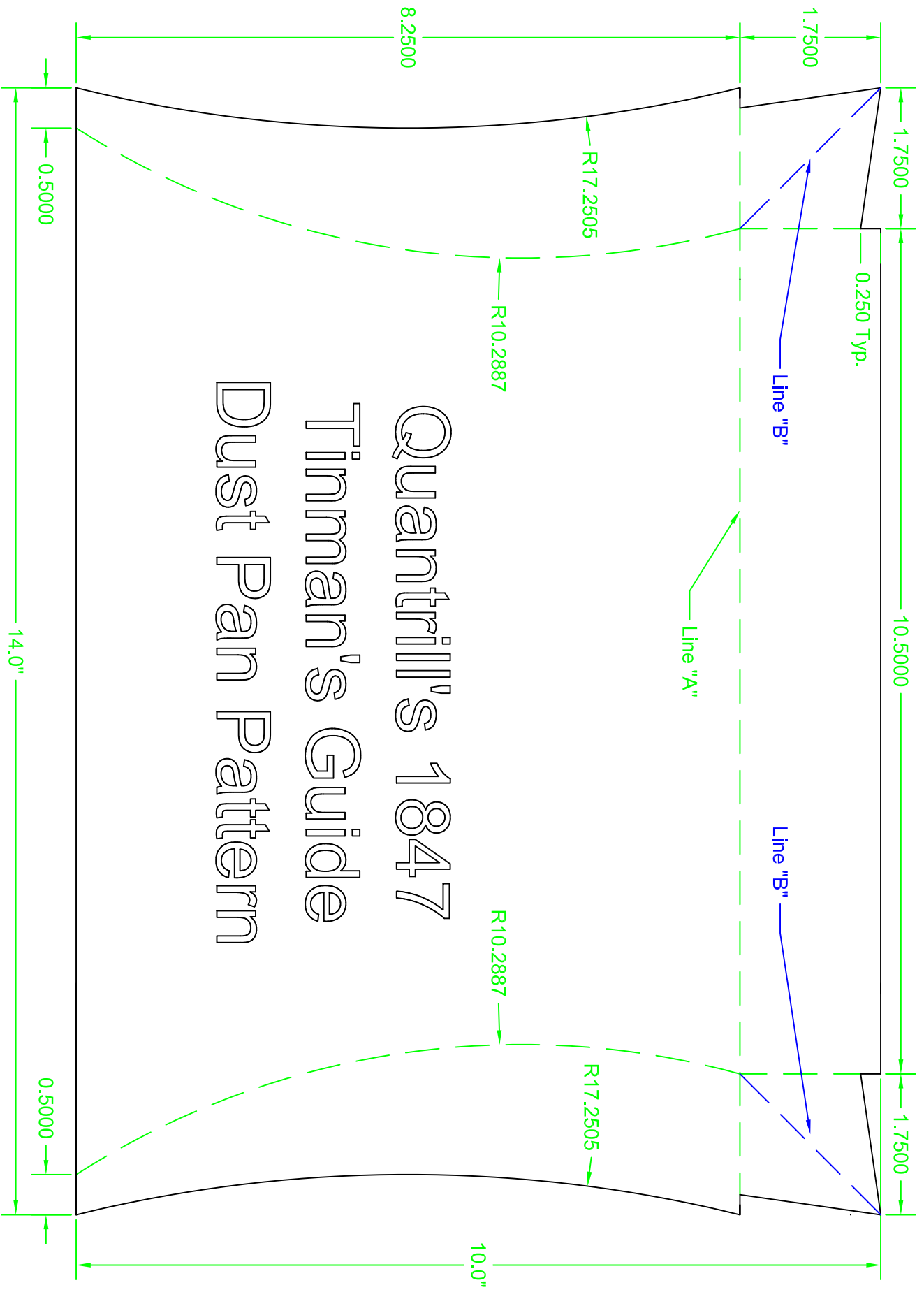
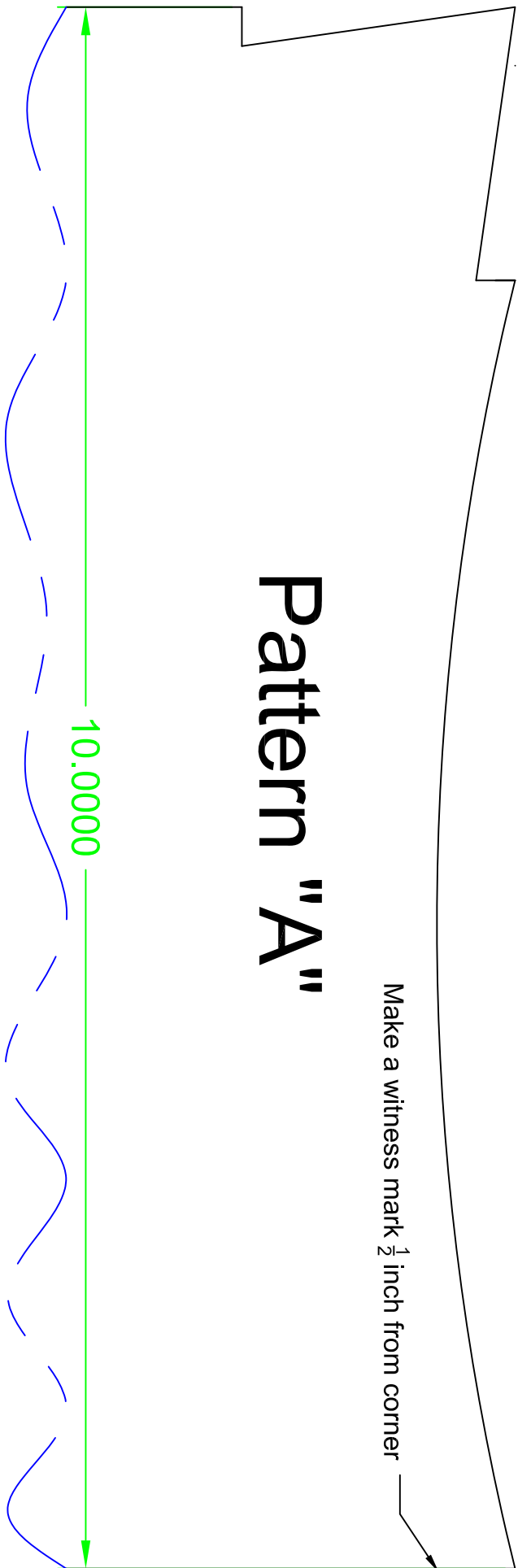


# Quantrill's 1847 Tinman's Guide Dust Pan Pattern





# Pattern "A"

Make a witness mark  $\frac{1}{2}$  inch from corner

10.0000

# Pattern "B"

10.0000

## Quantrill's 1847 Tinman's Guide

### Dust Pan Notes

1. Start with a 10 inch by 14 inch sheet.
2. Mark across the 10 inch width (side of pan) using Pattern "A" and cut to the pattern layout.
  - a) Repeat for 2<sup>nd</sup> side.
3. Make a witness (tic) mark ½ inch from front corner as indicated on Drawing.
  - a) Repeat for 2<sup>nd</sup> side.
4. Scribe side contour using Pattern "B" with the pattern aligned to the tic mark on the front edge of the pan and the notch (1.75 inches in from corner) at the back edge.
  - a) Repeat for 2<sup>nd</sup> side.
5. Using a straight edge, mark a line across the pan aligned with the side notches (line A on drawing).
6. Using a Pan Swedge or other suitable tools begin creasing along the side contour lines, all the way to the notch at the back and along Line A from edge to edge. Turn work piece over and crease line B (both corners). Continue creasing until the sides and back begin to raise. Once you have a fair crease, you can finish bending up the sides and back by hand.
7. Close the back corner wings using a hand brake or suitable tool.
8. Fold the corner wings flat against the back.
9. Wire the top edge using whatever tools you like to use.

Note: the edge is notched ¼ inch for a 16 gage wire. If you are using a larger diameter wire, you will need to increase the depth of the notches.
10. Cut and form a handle using the pattern. Solder the seam on the handle with a 1/8 inch lap seam and solder to center of back.

Note: The diameter of the end of the handle is 1 ½ inches. I made an end cap from a 1 3/4 inch diameter circle with a 1/8 inch burr. I riveted a clip made from a triple folded piece of tinplate to the center of the end cap using 8 ounce copper tinnings' rivets and added a 1 ½ inch diameter brass ring for hanging. If you do not want to add the end cap, I would suggest burring the edge before you form the handle to strengthen the end.



