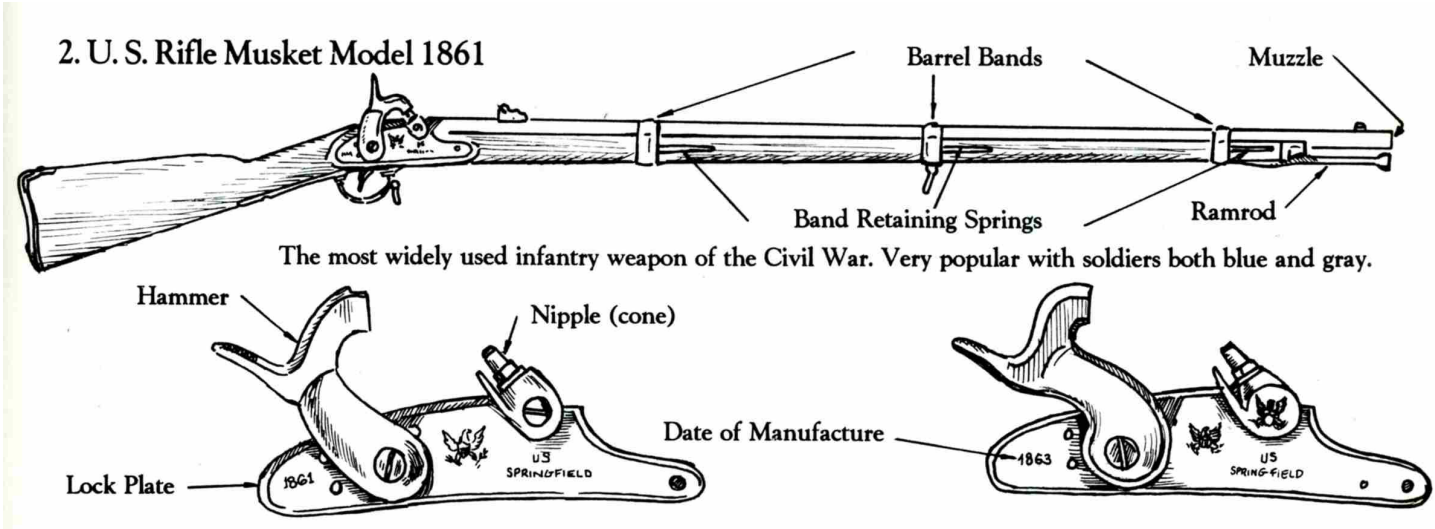


Make your own "Springfield" Rifle!

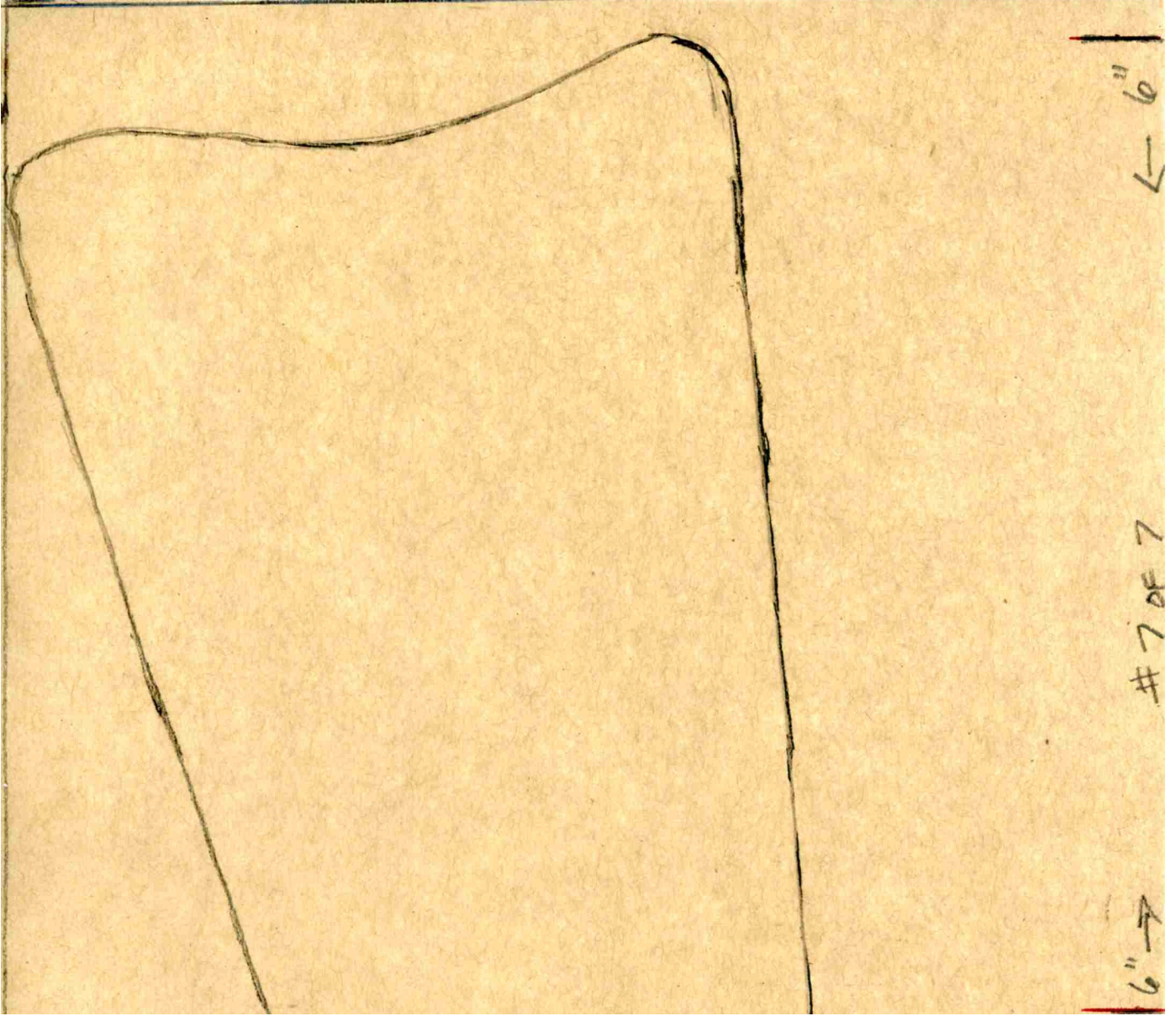


Making the Wooden Musket

- 1) Print the attached patterns (7 pages), then trim off margins and tape the pattern pieces together.
- 2) Note that the brown paper is 7.25" wide, and each pattern piece is 10" long (except #7, which is 6" long)
Double check to make sure your prints are to scale!
- 3) Cut out patterns and lay out on 2x8" lumber (actually 1.5"x7.25"). Draw outline on wood.

NOTE: For economy pattern is optimized to cut **4** muskets from one 2x8"x12' piece of lumber. To make it fit, the hammer spur is shortened. This will be fine for drill use. For full authenticity, a complete (full height) hammer could be carved and attached to the musket with a screw.

- 4) With full attention to safety, have the rough musket shapes cut out by *qualified* individuals with power equipment. The rough musket will be adequate for drill use as is (maybe a bit of sanding for comfort).
- 5) Challenge Scouts to hand carve as much detail as possible on their personal musket. In the soldier tradition, they should carve their initials in the butt stock! That way, they can maintain their own creation at the event.
- 6) Dark stain for the stock and silver paint for the metal parts would be a finishing touch. Muskets were finished in the "white" -- no bluing, just bright shiny metal.
- 7) Digital images of muskets with all needed dimensions will be provided for aid in carving details.
- 8) Remember, muskets can be entered in a competition for the most authentic examples.
- 9) If a Wood Carving merit badge counselor or other skilled individual can work with your Scouts, the results may be outstanding!



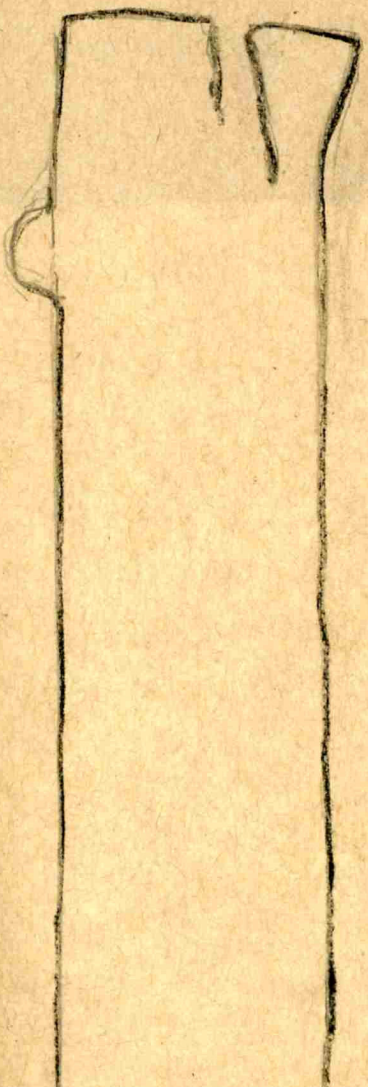
#7 of 7

6" →

← 6"

← 10"

#6 OF 7



#5 of 7

V

#4 of 7

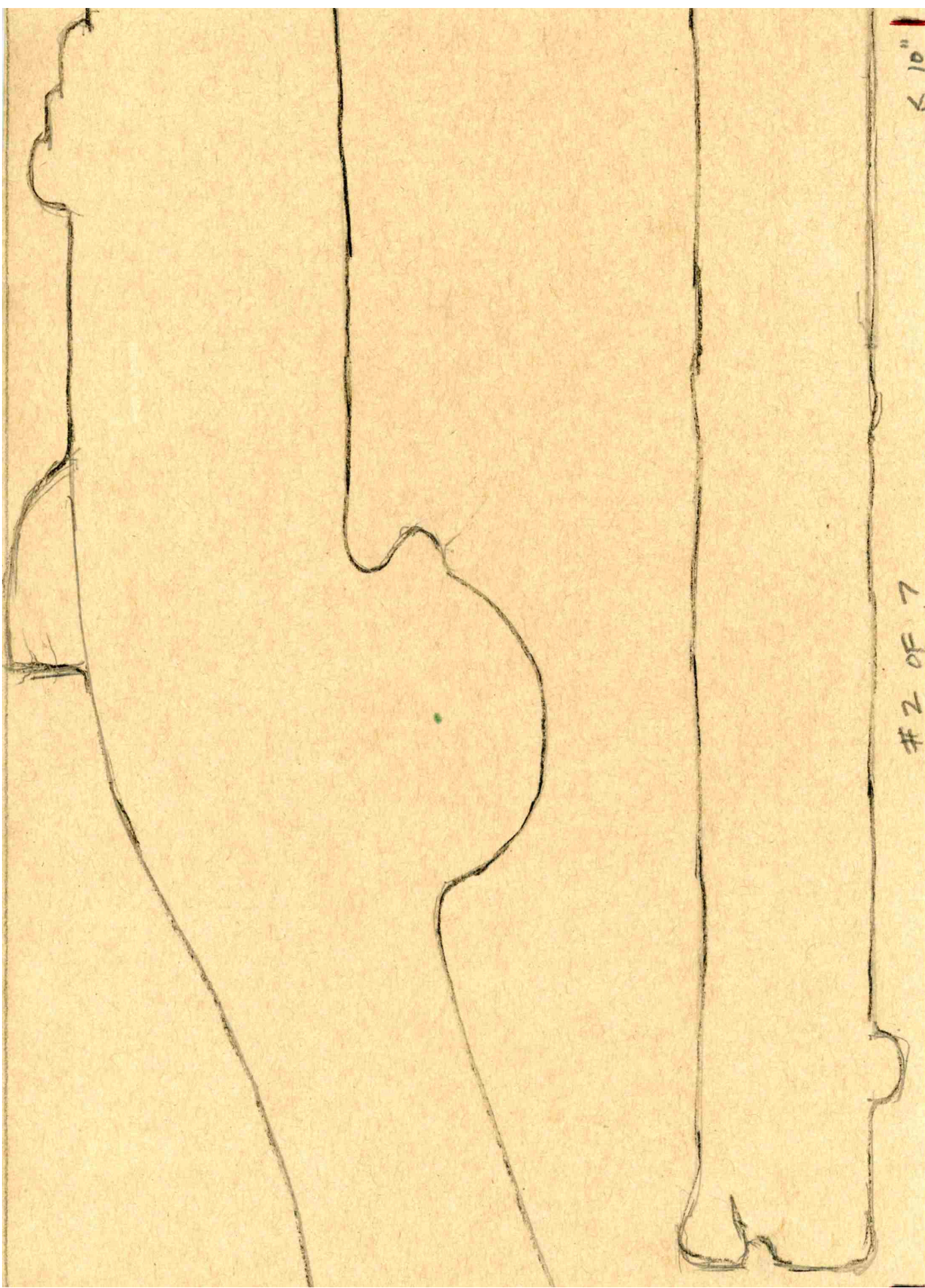
← 10"

#3 of 7

← 10"

#2 of 7

< 10"



101

#1017

10"

1.25