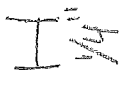
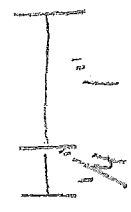
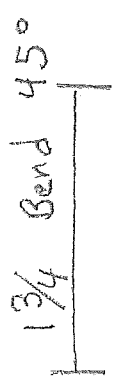


Garden Trowel - Holbrook



1. Cross File then Draw File Face & Edges of 18" piece of 1/8" x 1/2" Flat Bar
2. Bench grind Ends round (trace a penny or dime)
3. Layout 3 holes as per drawing. Center punch & drill 9/64" Hole

4. At 1 3/4 Bend line bend at 45° in bench vice
5. Clamped at center use locking pliers. Bend around 2" pipe to get final shape of handle.
6. Cut out & Blue shovel head tracing to 18g sheet metal
7. Use bevelly Shear or Foot Shear to cut out shape.
8. Center punch Both layout holes but only drill top one at 9/64"

9. File and Sand until exactly like paper drawing
10. Use Slip Roll Former to bend shovel head
11. Counter Sink the single hole on bottom of handle
12. Use 1/8" Round head rivets to join the head & handle
13. Drill second hole through the shovel & counter sink
14. Rivet + File excess rivet on bottom of shovel
15. Sand C.P. & Drift

