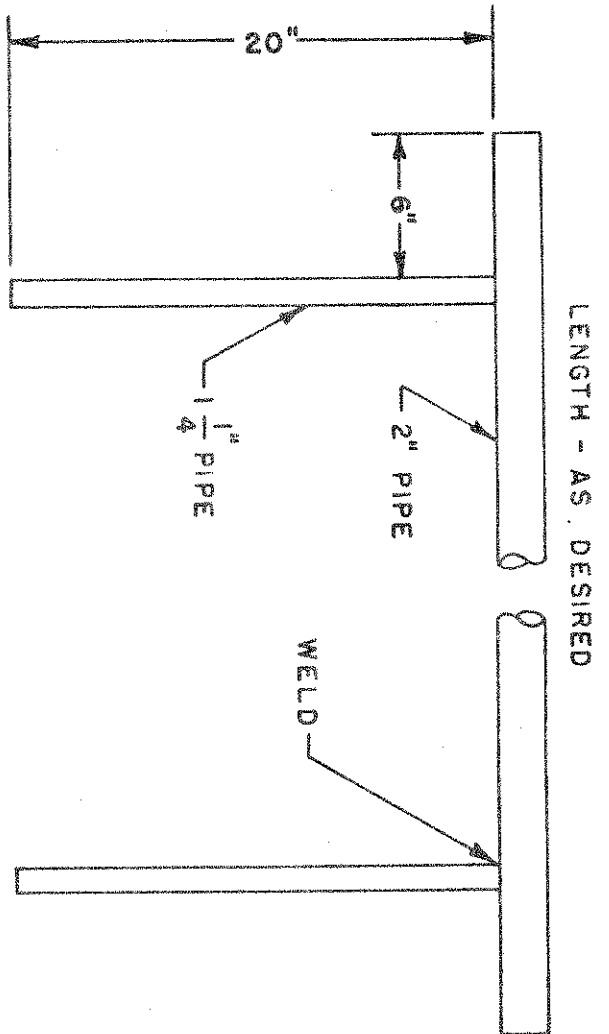
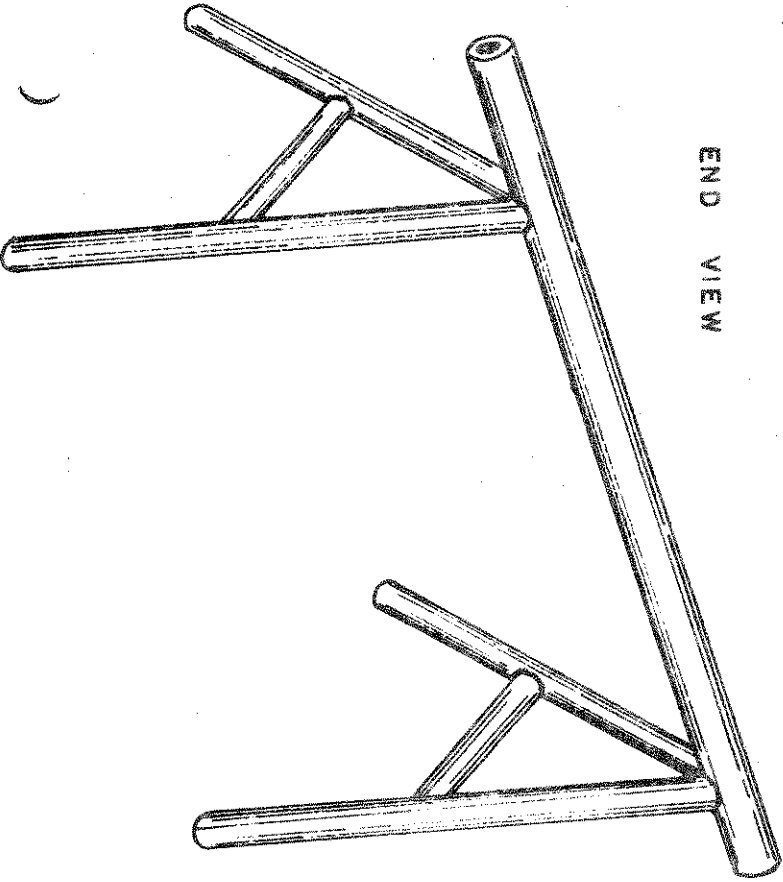


END VIEW



SIDE VIEW



USE SQUARE SETTING - 12 AND 5  
OR  $67 \frac{1}{2}^\circ$  ON ALL ANGLES.

PIPE SAWHORSE
SCALE - $\frac{1}{8}'' = 1''$
DATE - 6 MARCH 1966
USED - COURTESY - C. WESTON
DRAWN & TRACED BY - B.W.
PLAN NUMBER - 103

### Bill of Material

- 2 - 1" x 36" black pipe for top
- 4 - 1" x 23" black pipe for legs
- 2 - 3/16" x 3" x 3" flat metal cut for side braces
- 2 - 3/16" x 4" x 7" flat metal cut for end braces

### Construction Procedure

1. Cut pipe to length for top and legs. It would be easier to cut two lengths of pipe 46" long and then cut in half using the 70° setting to make two legs.
2. The top of each leg is ground to fit the 1" pipe on the top.
3. The 3/16" x 3" x 3" side braces could be made from a square piece of metal by cutting diagonally and grinding to fit the 98° angle.
4. It would probably be wise to construct a jig to hold pipes in place for tack welding since the legs are on two angles, one when viewed from the side view and one when viewed from the end view.
5. Another suggestion would be to leave the bottom ends of the legs cut square. OR, it is possible to cut the legs 1" longer and mark the bottom angle after construction by means of a block of wood and then cut the angle after construction.
6. Clean welds and metal before painting with a rust inhibiting paint. Complete project by painting with an enamel paint.