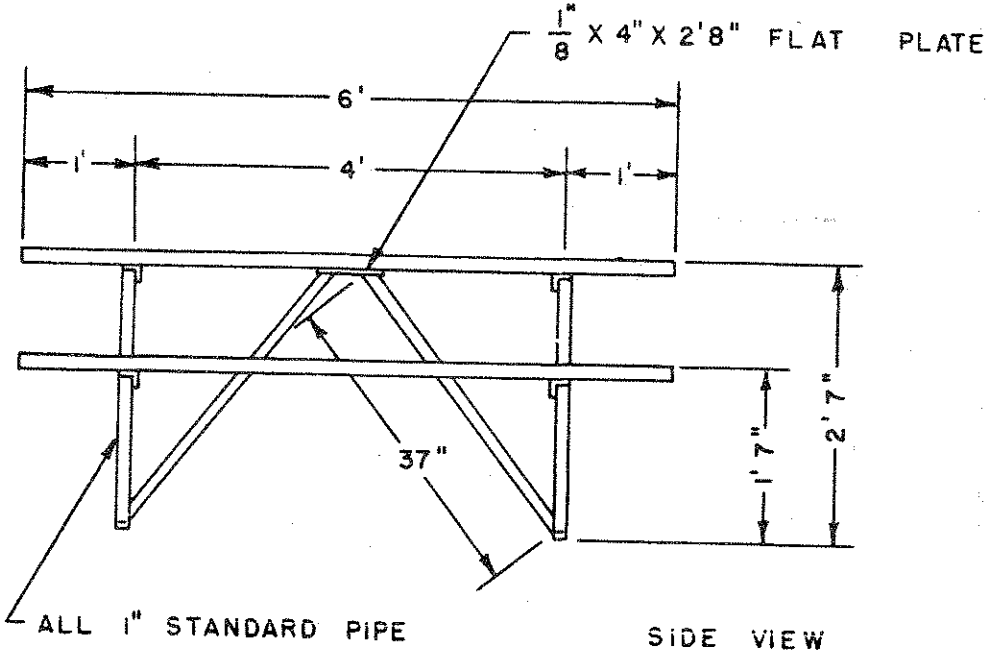
PICNIC TABLE

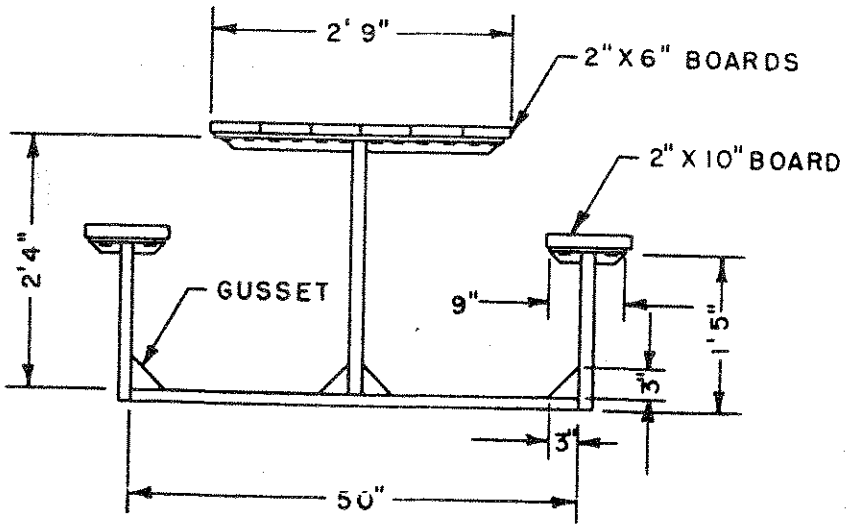


SIDE VIEW

SQUARE SETTING ON BRACES

TOP - 5 & 6 OR 51° ANGLE

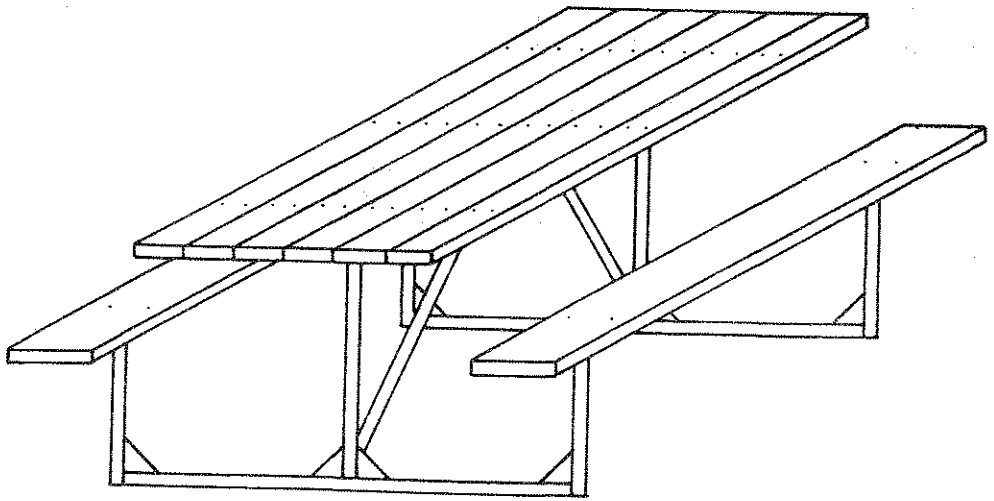
BOTTOM - 7 1/2 & 6 OR 38° ANGLE



END VIEW

3/16" X 1 1/4" X 1 1/4" ANGLE IRON USED -

ALL ENDS CUT AT 45° ANGLE.



PICNIC TABLE
SCALE - 5/8" = 1' - 0"
DATE - 25 MARCH 1967
USED - COURTESY - C. WESTON
DRAWN & TRACED BY - B.W.
PLAN NUMBER - 505

Bill of Material

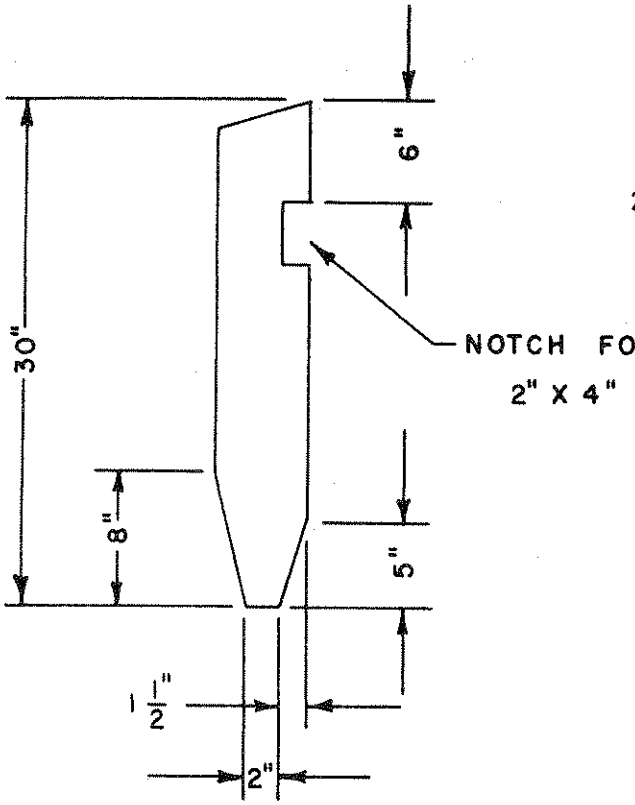
4 - 1" x 17" black pipe
2 - 1" x 50" black pipe
2 - 1" x 28" black pipe
2 - 1" x 37" black pipe
1 - 3/16" x 4" x 32" flat iron
4 - 3/16" x 1 1/4" x 1 1/4" x 9" angle iron
2 - 3/16" x 1 1/4" x 1 1/4" x 32" angle iron
8 - 3/16" x 3" x 3" gusset plates
2 - 2" x 10" x 72" lumber
6 - 2" x 6" x 72" lumber
46 - 1/4" x 2" carriage bolts
OR 1/4" x 1 1/2" lag screws

CONSTRUCTION PROCEDURE

1. Cut metal parts according to the above bill of material.
2. Square seat uprights with bottom cross piece and tack weld.
3. Square and center the table top upright with bottom cross piece and tack weld.
4. Square and center the two seat angle irons with the seat uprights and tack weld.
5. Square and center the table top angle iron with the table upright and tack weld.
6. Construct the other end of table in the same manner as steps 2, 3, 4 and 5.
7. Cut a 38° angle on lower end of center brace and a 51° angle on upper end. Make two of these braces.
8. Tack weld 1/8" x 4" x 32" flat plate to the upper ends of both braces.
9. Clamp one of the 2" x 6" table top boards to each end piece to locate each end and place center brace assembly in place and tack weld at base.
10. Tack weld all gussets at each corner. Be sure to check and square all parts. Avoid too much welding at all joints to avoid distortion. Be careful of distortion, especially at base of center uprights.
11. Drill holes in seat and table angle irons as well as the 1/8" x 4" flat plate.
12. Prime metal with a rust inhibiting paint.
13. Cut seat and table top boards to length and remove all splinters by sanding.
14. Paint or stain lumber as desired before fastening to table.
15. Paint steel frame with desired enamel.
16. Assemble finished lumber to table and secure with lag screws from underneath side or with carriage bolts as desired.

Bill of Material

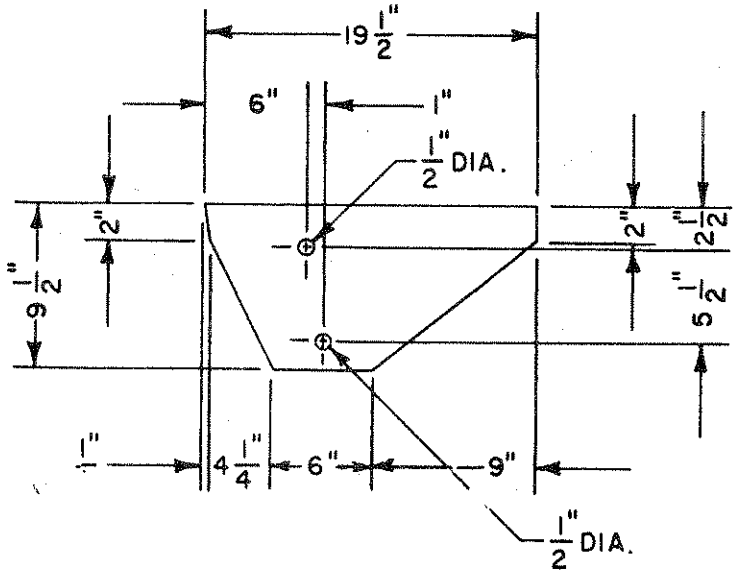
2 - 2" x 10" x 10' - top and top support
1 - 2" x 12" x 8' - seat
2 - 2" x 6" x 8' - legs and cross pieces
1 - 2" x 4" x 6' - back rail
1 - 1" x 4" x 12" - braces
2 - 1/8" x 1 1/2" x 1 1/2" x 4" angle iron stop
2 - 1/2" x 4" round iron for pins
2 - 6" lengths of small chain
4 - 3/8" x 2" carriage bolts
8 - 1/2" x 4" machine bolts
2 - 1/2" x 4 1/2" machine bolts
20 - 1/2" washers
1 lb. 20d nails
1/4 lb. 6d nails
1/2 gal. outside enamel



BACK LEGS - 2" X 6"
SQUARE SETTING 3 1/4" & 12

Construction Procedure

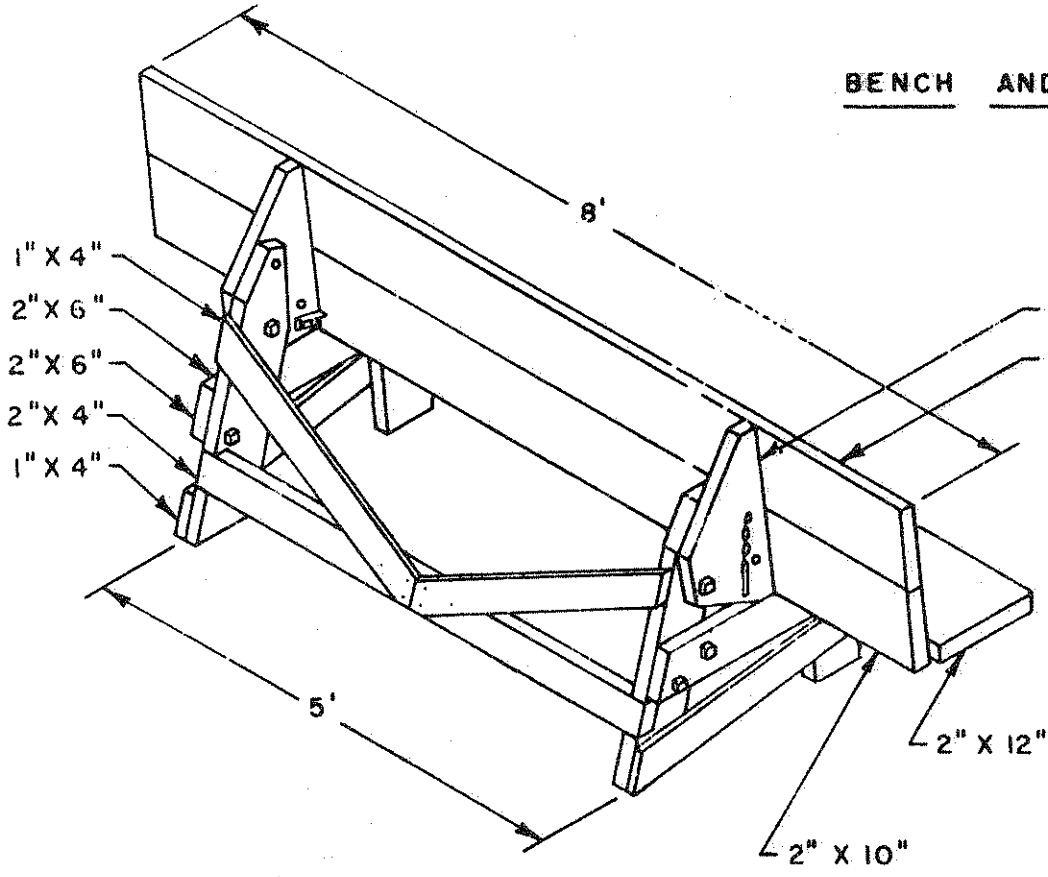
1. Make the leg assemblies first, then attach seat and back braces.
2. Leave top assembly until last.
3. Lay out the 2" x 10" top support pieces and saw them to 19 1/2" lengths and bore 1/2" holes.
4. Leave ends square until top boards are nailed on and then make angle cuts shown in layout.
5. Set top supports on floor while nailing on top boards.
6. Position top assembly on back legs and bore holes for 1/2" x 4 1/2" machine bolts, these bolts should have lock nuts.
7. With top in horizontal position attach the angle iron stops. Then bore 1/2" diameter holes in back legs to receive 1/2" x 4" pins.
8. Finish with two coats of outside enamel.

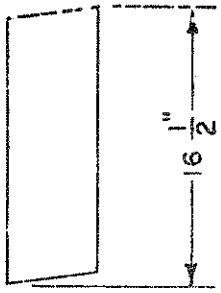


TOP SUPPORT - 2" X 10"

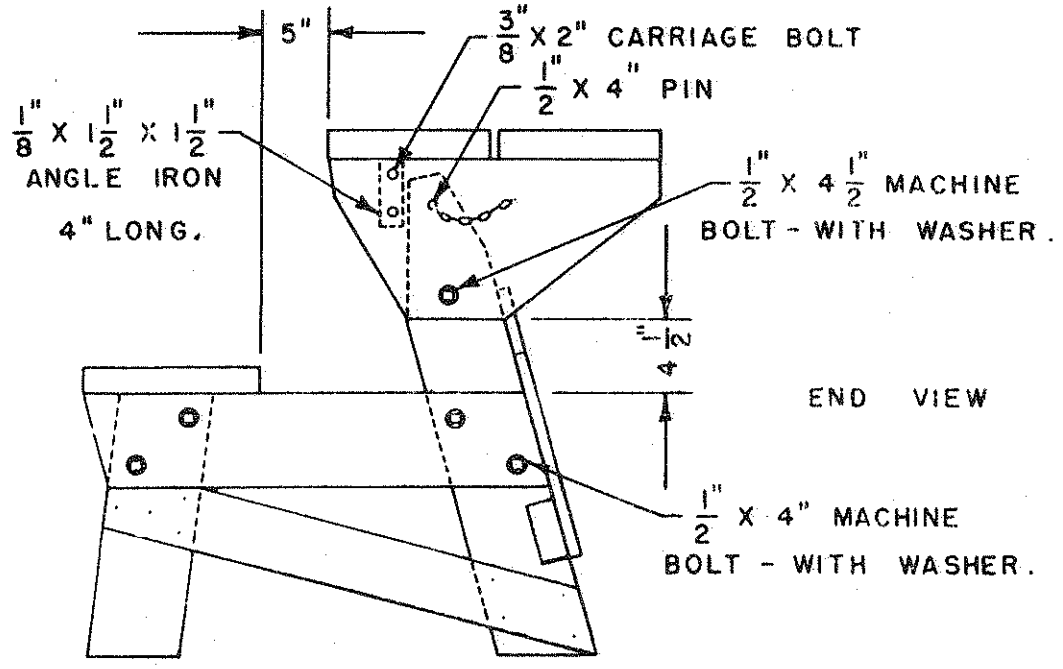
BENCH AND PICNIC TABLE
SCALE - 3/32" = 1"
DATE - 14 MARCH 1967
USED - COURTESY - C.WESTON
DRAWN & TRACED BY - B.W.
PLAN NUMBER - 506

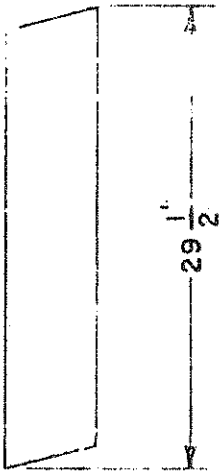
BENCH AND PICNIC TABLE





FRONT LEGS - 2" X 6"
SQUARE SETTING
2 & 13 ON BOTH ENDS.





CROSS PIECE - 2" X 6"
SQUARE SETTING
3 1/4 & 12 ON BOTH
ENDS.

NOTE - BORE HOLES WITH CROSS PIECE CLAMPED IN PLACE ON LEGS.