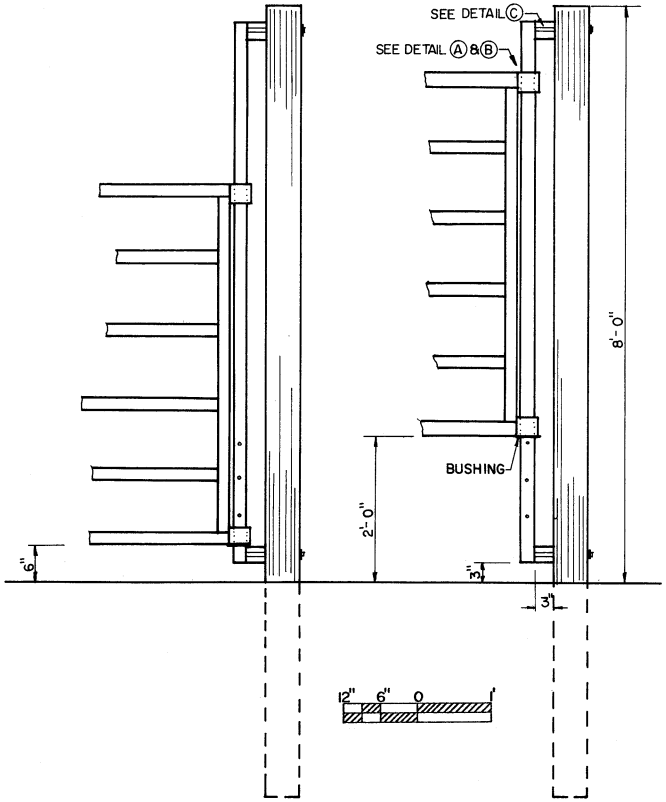
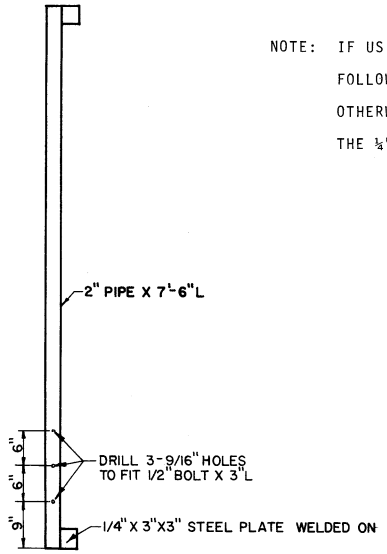
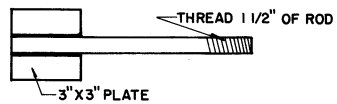


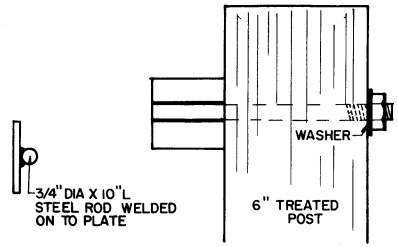
WOOD POST DETAILS



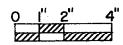
STEEL PIPE DETAIL

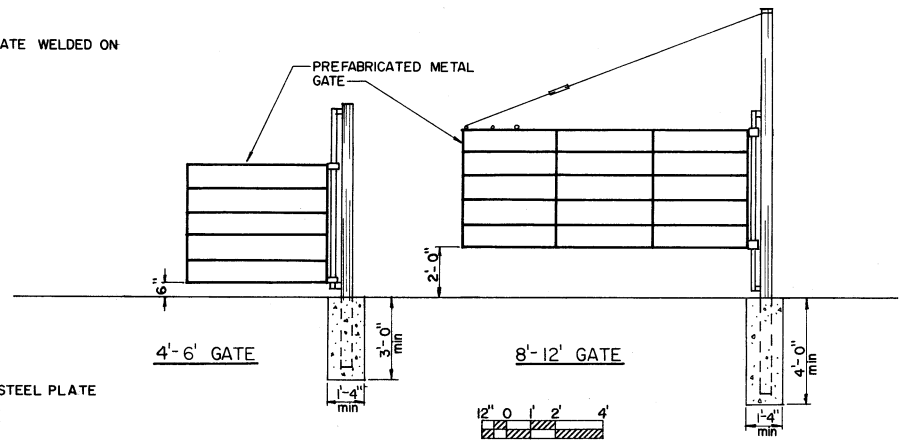
NOTE: IF USING A 6 x 6 OR 6" DIA. TREATED POST, FOLLOW DETAIL C.
OTHERWISE, IF USING A STEEL POST OR PIPE, WELD THE ¼" x 3" x 3" STEEL PLATE.





DETAIL C



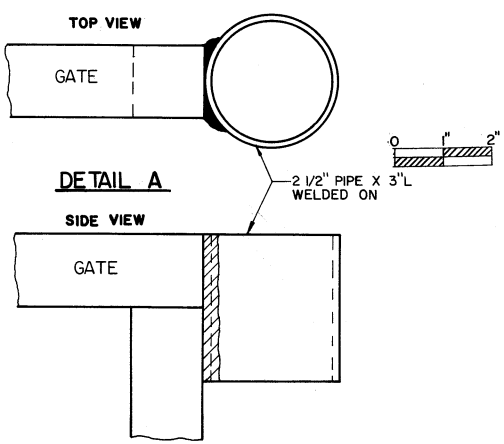


4'-6' GATE

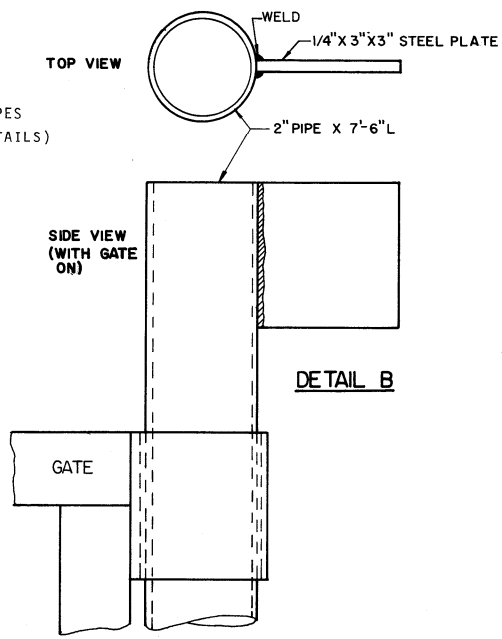
8'-12' GATE

NOTE: FOLLOW THESE ASSEMBLY STEPS.

1. WELD 2 1/3" x 3" L. PIPES ON GATE (DETAIL A)
2. INSERT 2" x 7'-6" PIPE INTO THE 2 1/2" x 3" PIPES
3. WELD 1/4" x 3" x 3" STEEL PLATE TO 2" PIPE (DETAILS)



DETAIL A



DETAIL B

THIS SNOW AND MANURE GATE CAN BE USED IN CATTLE CORRALS, FEEDLOTS OR ANYWHERE ON THE FARM. IT CAN BE EFFECTIVELY USED IN WIDTHS OF 4 TO 12 FEET. THE GATE CAN BE LIFTED TO VARIOUS POSITIONS ON THE GATE HINGE BAR BY MOVING THE 1/2 INCH BOLT POSITION INTO DIFFERENT BORED HOLES IN THE HINGE BAR WHICH IS MADE OF 2 INCH STANDARD STEEL PIPE. HOLES ARE 9/16 INCH IN DIAMETER AND SPACED 6 INCHES APART. IT IS SUGGESTED THAT FOR GATES UNDER 8 FEET IN LENGTH THE GATE POST BE AT LEAST 8 FEET ABOVE GROUND LEVEL. THE POST SHOULD BE PLACED AT LEAST 3 FEET IN THE GROUND DEPENDING ON SOIL CONDITIONS. FOR GATES 8 TO 12 FEET LONG, 4 FEET IN THE GROUND WILL BE NECESSARY. POUR CONCRETE AROUND THE POST. HOLE DIAMETER SHOULD BE AT LEAST 8 TO 10 INCHES LARGER THAN THE POLE DIAMETER. USE A 6" x 6" OR 6 INCH DIAMETER TREATED WOOD POST OR 6 INCH DIAMETER STANDARD STEEL PIPE POST. FOR WIDER GATES (8-12 FEET), THE GATE POST SHOULD EXTEND 12 FEET ABOVE THE GROUND LEVEL SO THAT A STEEL CABLE WITH A TURN BUCKLE CAN BE USED TO ADJUST GATE LEVEL FOR EASIER OPERATION.

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VARIABLE CLEARANCE GATE

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