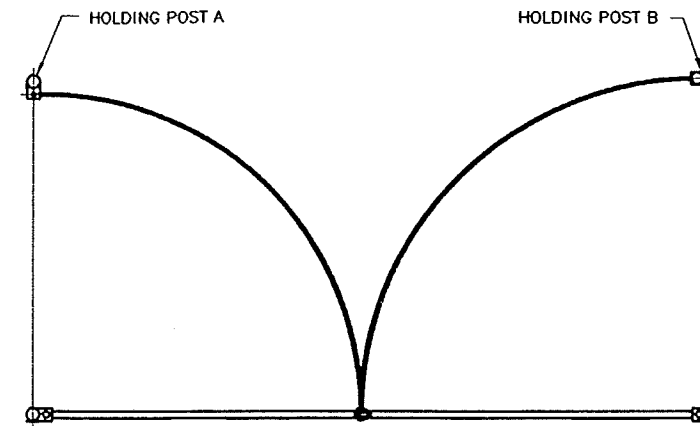
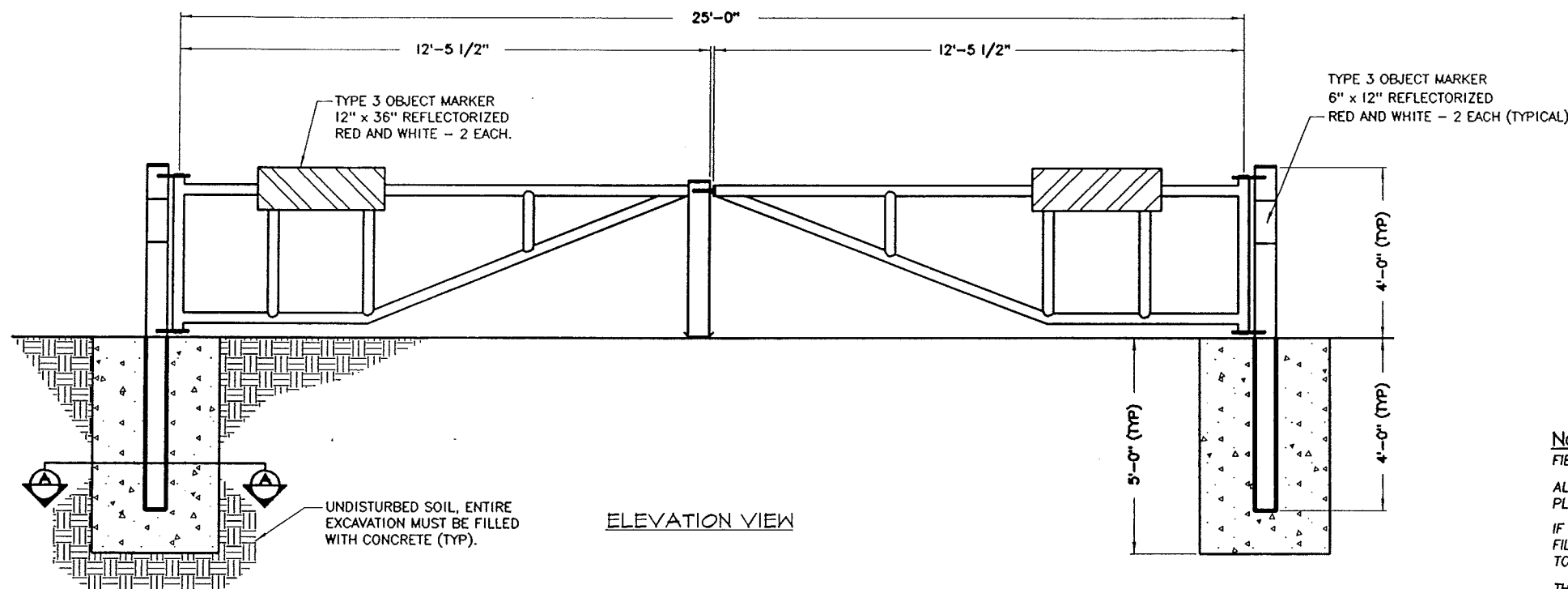




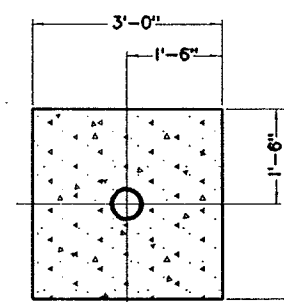
PLAN VIEW



LAYOUT VIEW



ELEVATION VIEW



CONCRETE FOOTING

SECTION A-A

TYPICAL FOR GATE POSTS ONLY.

CONCRETE BASES FOR HOLDING POSTS A & B SHALL BE 2' SQUARE AND 4' DEEP.

NOTES:

FIELD LOCATE HOLDING POSTS TO SUPPORT GATE IN OPEN POSITION.

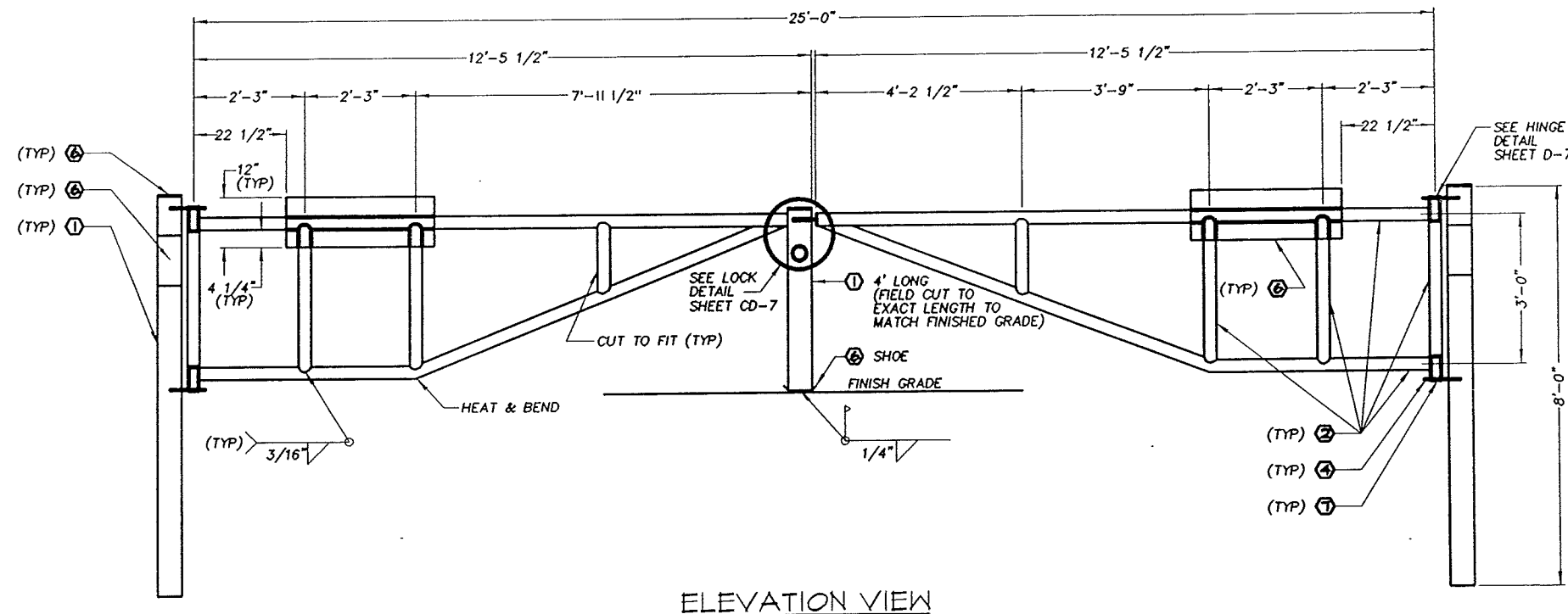
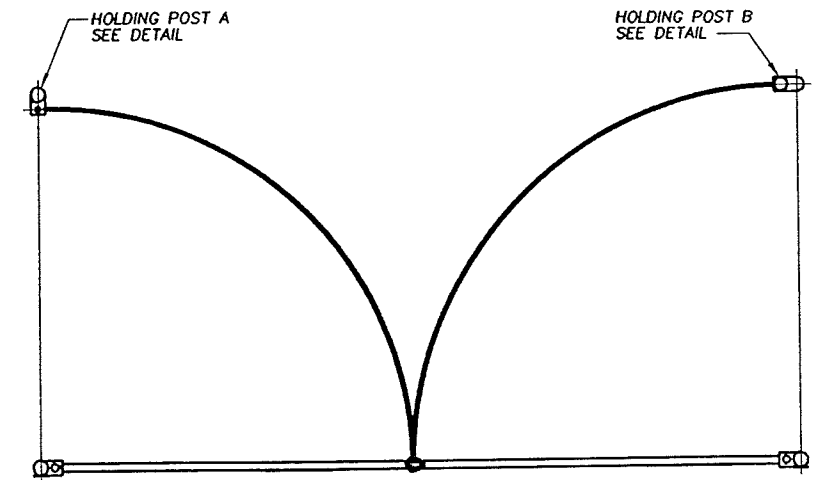
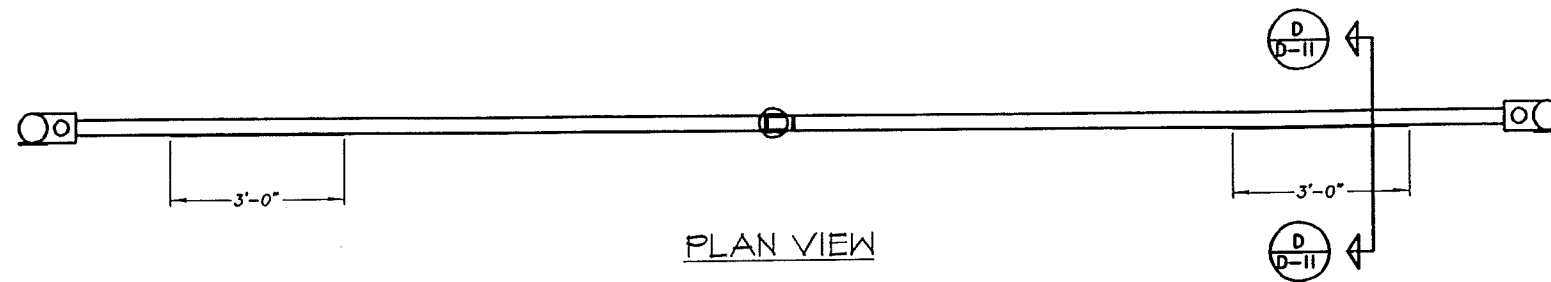
ALL SIGNS AND OBJECT MARKERS SHALL BE BOLTED TO STEEL BACKING PLATES.

IF HOLES FOR POSTS ARE OVER-EXCAVATED, THE CONTRACTOR MUST FILL THE OVER-EXCAVATED HOLES WITH CONCRETE AT NO EXTRA COST TO THE GOVERNMENT.

THE CONTRACTOR SHALL FURNISH AND INSTALL OBJECT MARKERS. THESE SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 3300

ALL MEMBERS OF THE GATE ASSEMBLY SHALL BE FABRICATED FROM STANDARD STEEL SECTIONS. FABRICATED MEMBERS SHALL RECEIVE ONE SHOP COAT OF ALUMINUM PAINT AFTER FABRICATION. ALUMINUM PAINT SHALL CONFORM TO AASHTO SPECIFICATION M69-70. HARDWARE SHALL BE ZINC PLATED.



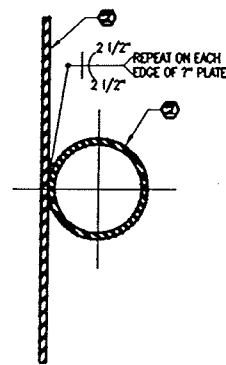
MATERIALS

- ① 6" PIPE
- ② 3" PIPE
- ③ 4" PIPE
- ④ 3/4" THICK PLATE
- ⑤ 1/2" THICK PLATE
- ⑥ 1/4" THICK PLATE
- ⑦ 2 1/2" DIAMETER PIPE
- ⑧ 3" PIPE CAP WITH GREASE FITTING

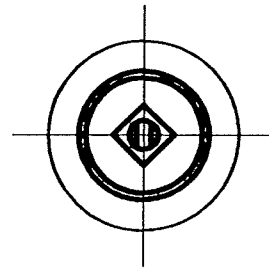
NOTE:

PAINT ALL EXPOSED METAL SURFACES WITH ONE COAT OF BENJAMIN MOORE RETARDO METAL PRIMER & TWO COATS OF COLORED PAINT APPROVED BY THE PROJECT ENGINEER.

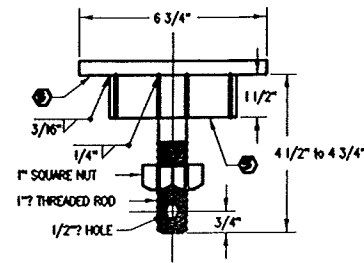
25 FT. METAL GATE
NTS FABRICATION DETAIL



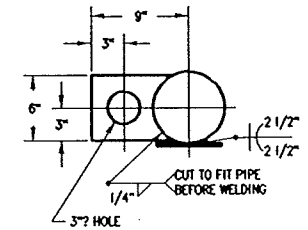
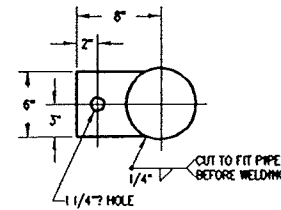
SECTION (D)



MUST PROVIDE 2 CAPS FOR EACH GATE

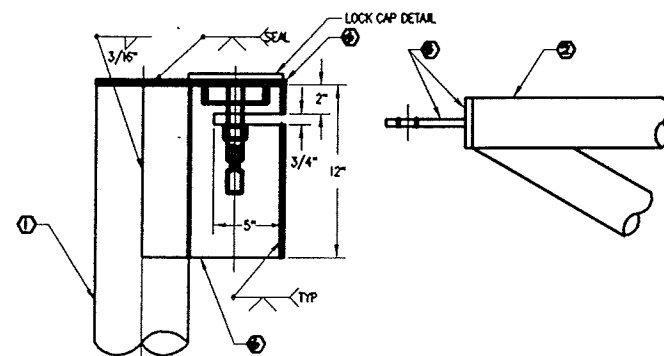
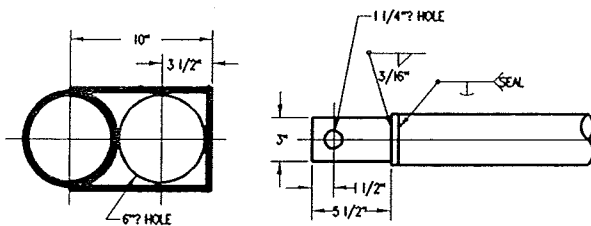
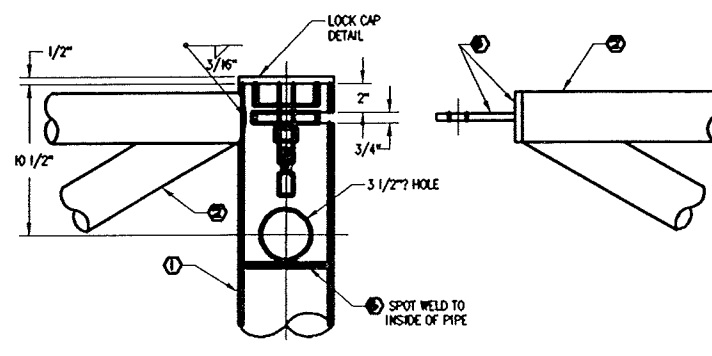
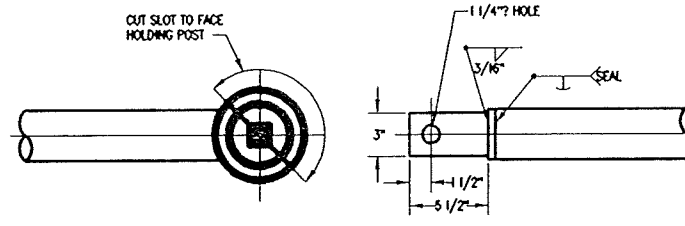


PROVIDE 50% THREAD CUT ONLY ON THREADED ROD FOR EASY REMOVAL

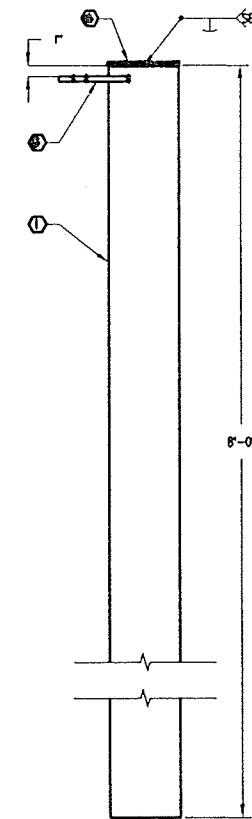


MATERIALS

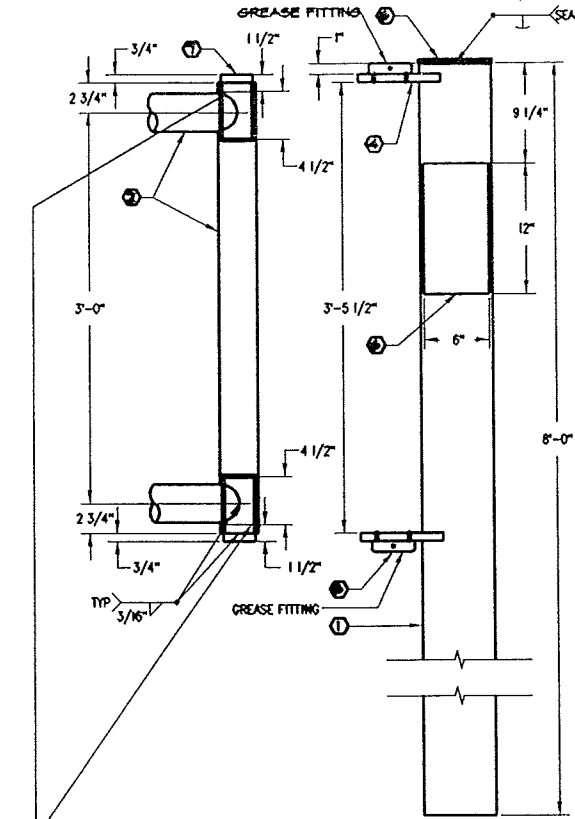
- ① 6" ? PIPE
- ② 3" ? PIPE
- ③ 4" ? PIPE
- ④ 3/4" THICK PLATE
- ⑤ 1/2" THICK PLATE
- ⑥ 1/4" THICK PLATE
- ⑦ 2 1/2" DIAMETER PIPE
- ⑧ 3" PIPE CAP WITH GREASE FITTING

GATE LOCK-DETAIL (B)
FOR HOLDING POST B

GATE LOCK-DETAIL (A)



HOLDING POST "A" - DETAIL (E)



HINGE - DETAIL (F)

CUT ROUNDED PATCH 1/4" THICK TO I.D. OF PIPE. INSTALL PLATE 3/4" BELOW TOP OF MAIN PIPE OR 1 1/2" BELOW TOP OF INSERT TO PROVIDE GREASE CHAMBER SEAL BOTH TOP AND BOTTOM EACH HINGE