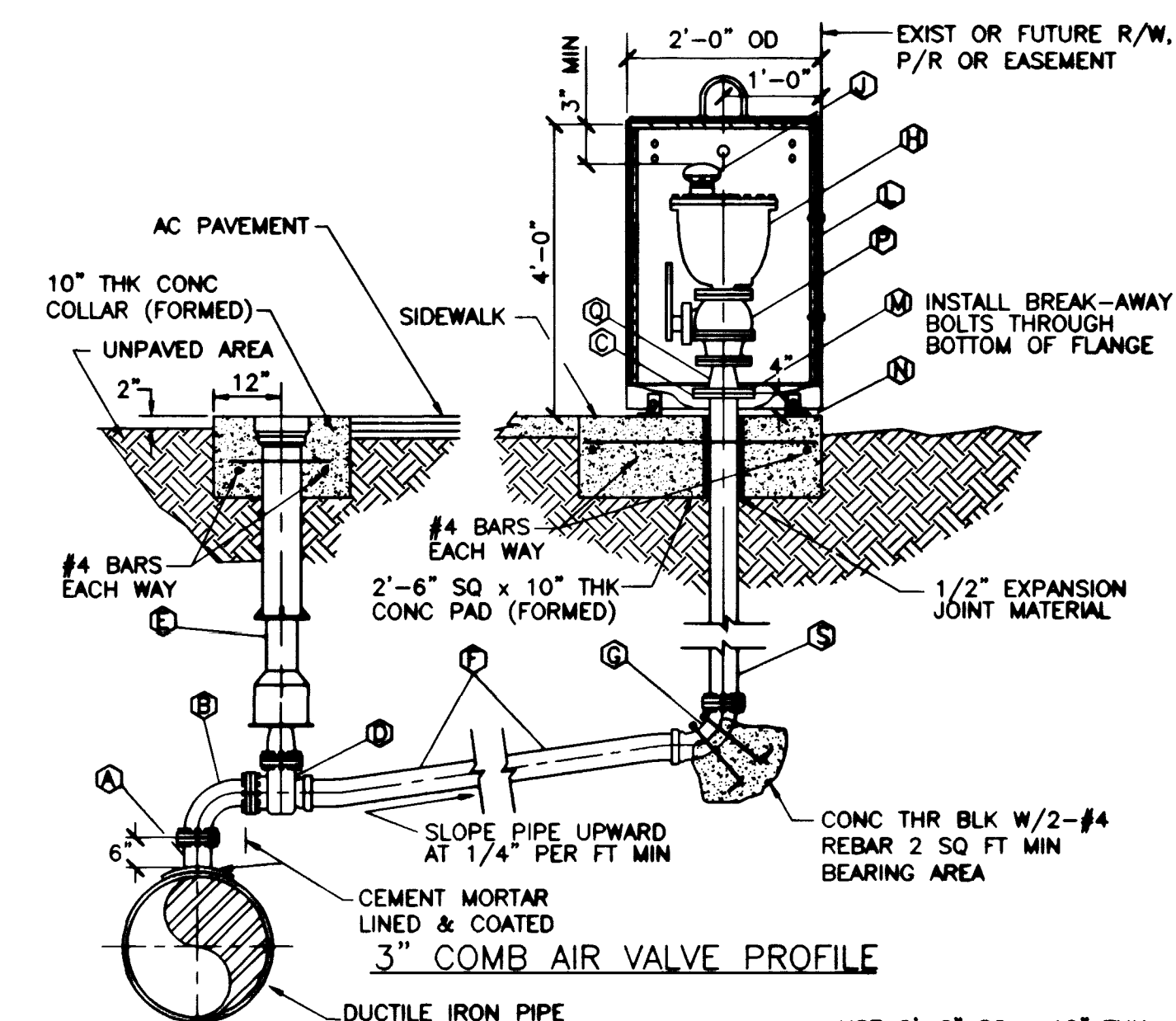
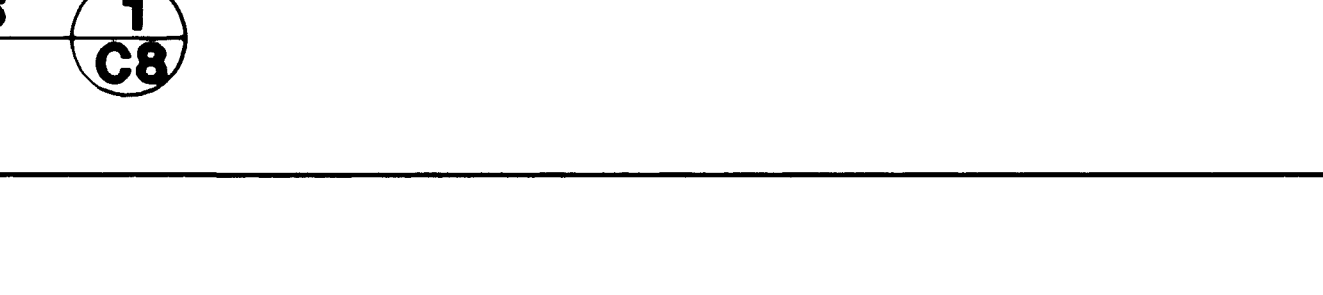
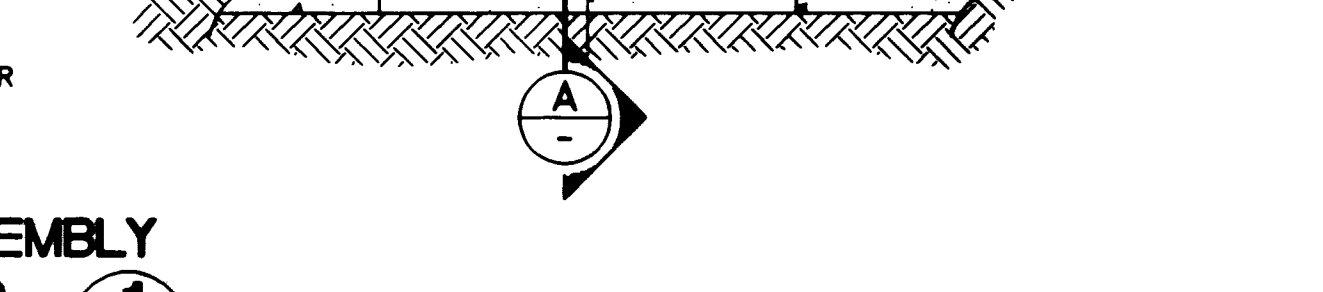
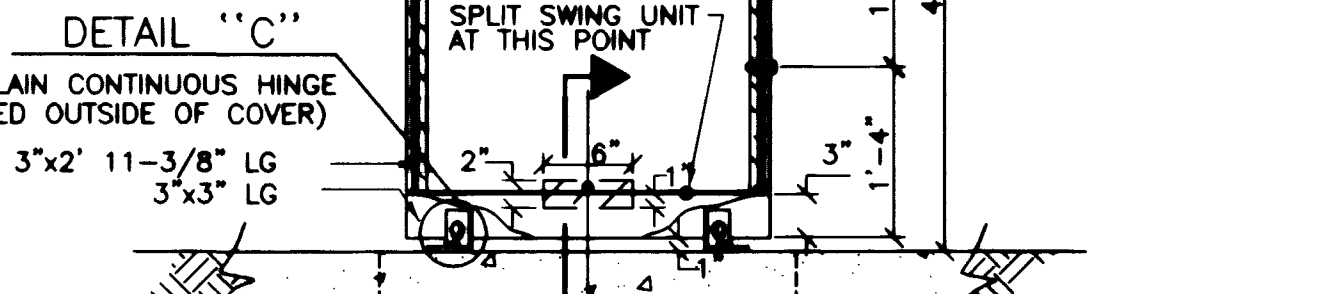
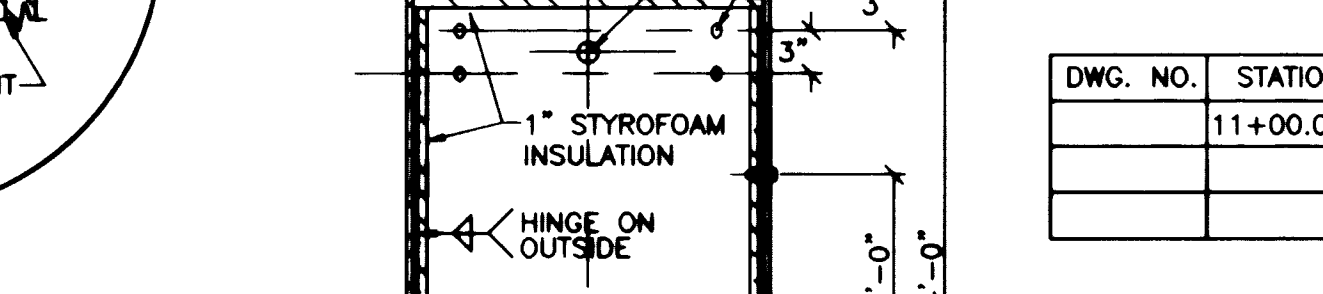
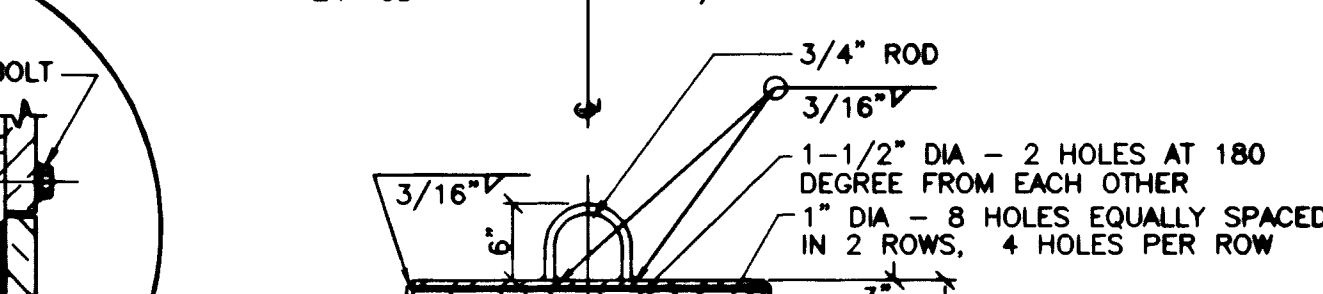
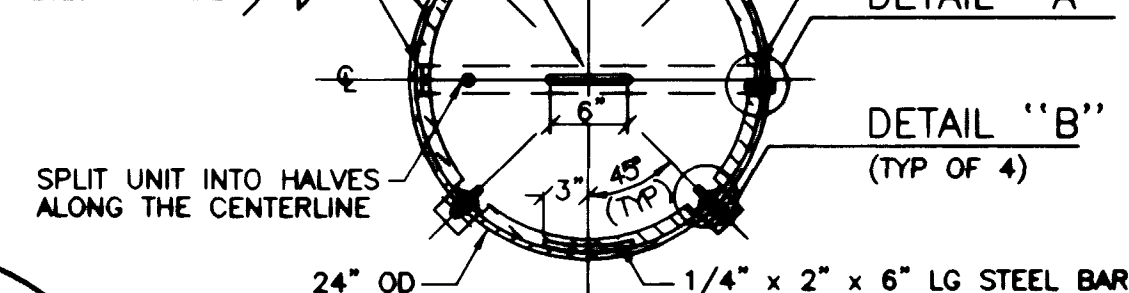
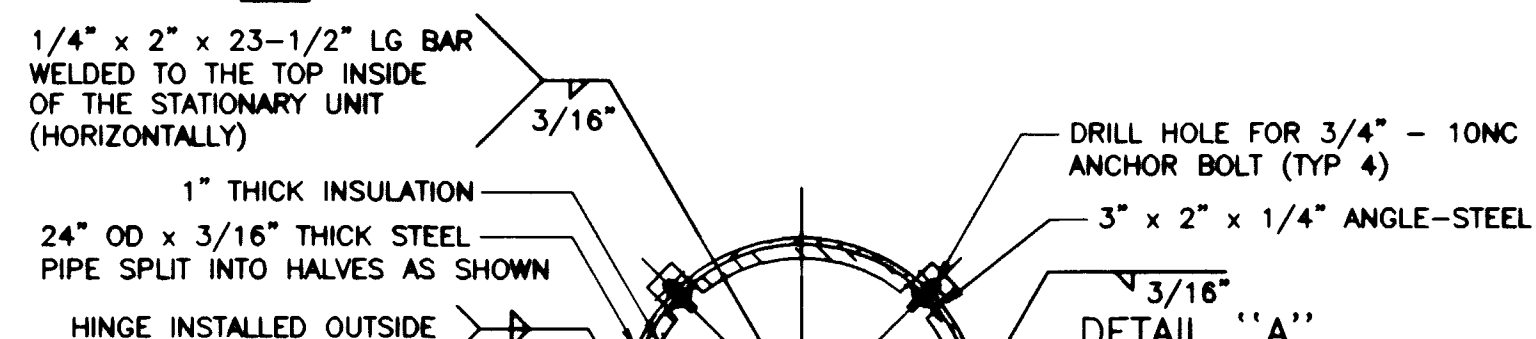




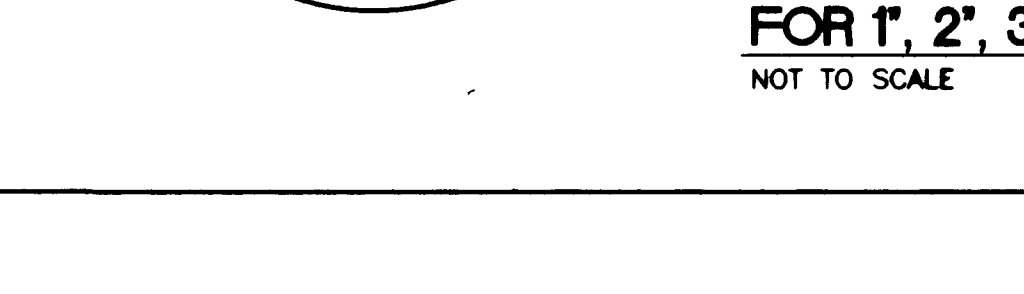
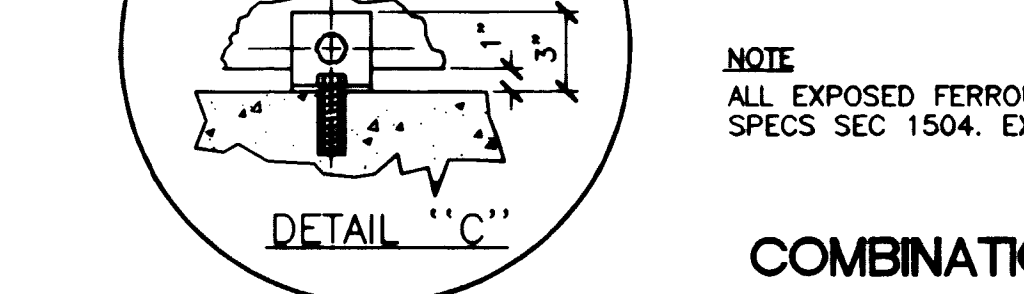
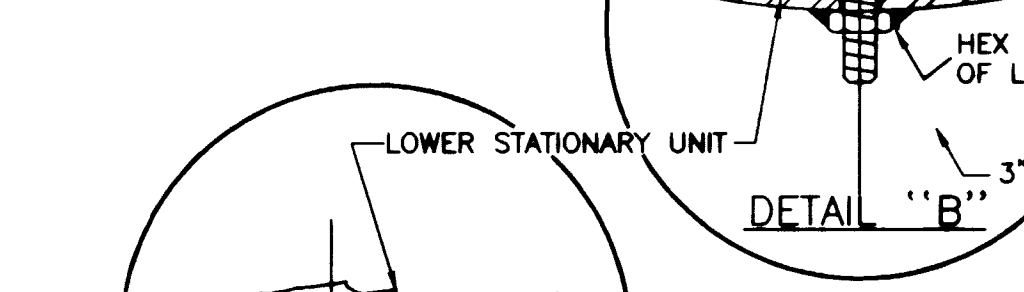
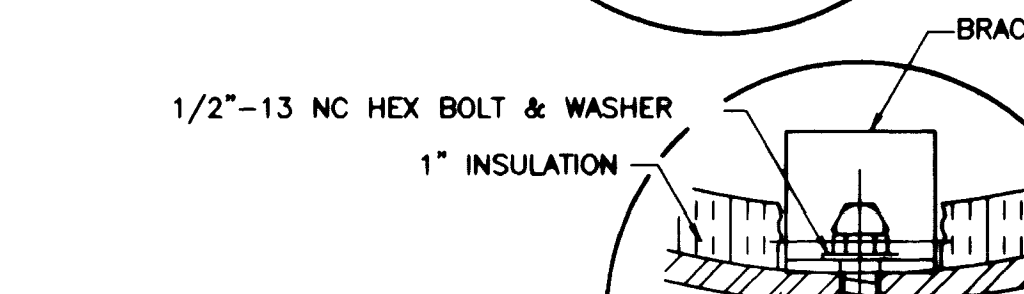
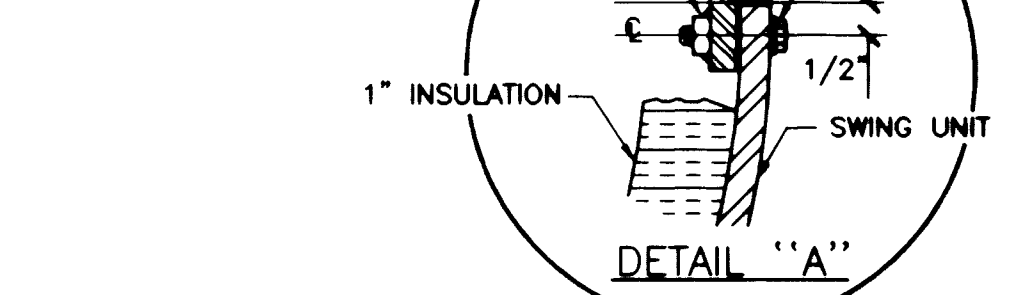
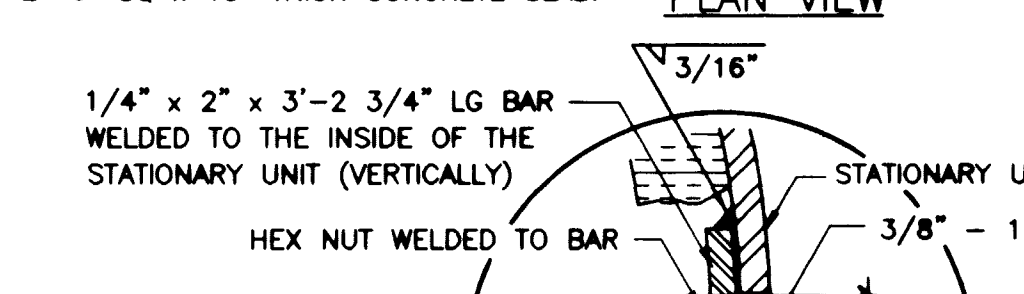
LEGEND

- ① 4\"/>

NOTE SEE SPECIFICATIONS FOR ALL APPROVED PRODUCTS



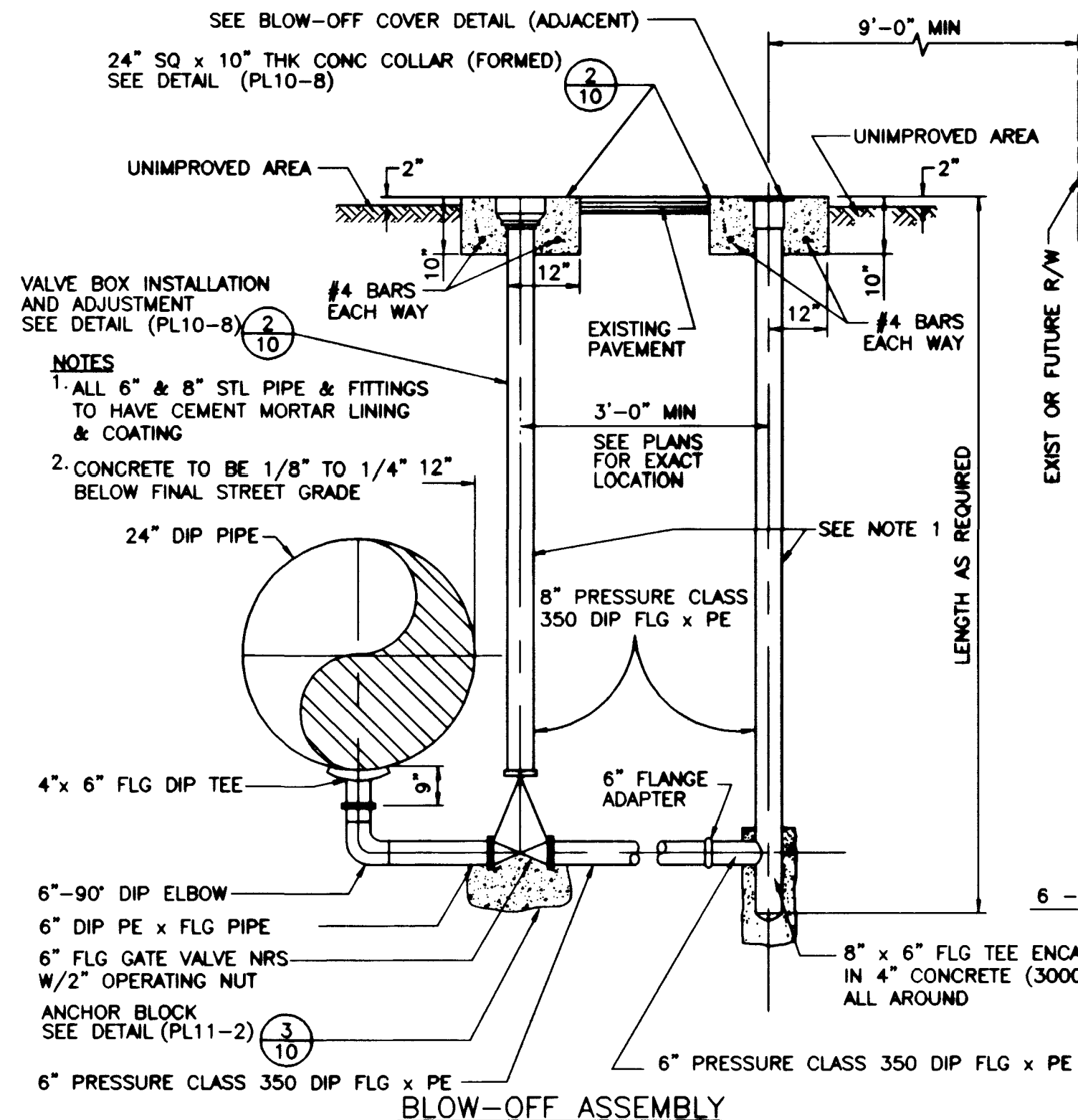
NOTES
IN IMPROVED AREAS CONTRACTOR TO REPLACE FULL SIDEWALK PANEL.
IN UNIMPROVED AREAS CONTRACTOR TO CONSTRUCT FORMED
2'-6\"/>



COMBINATION AIR VALVE ASSEMBLY FOR 1', 2', 3' AND 4' VALVES

NOT TO SCALE PL09-1 102698

1
C8



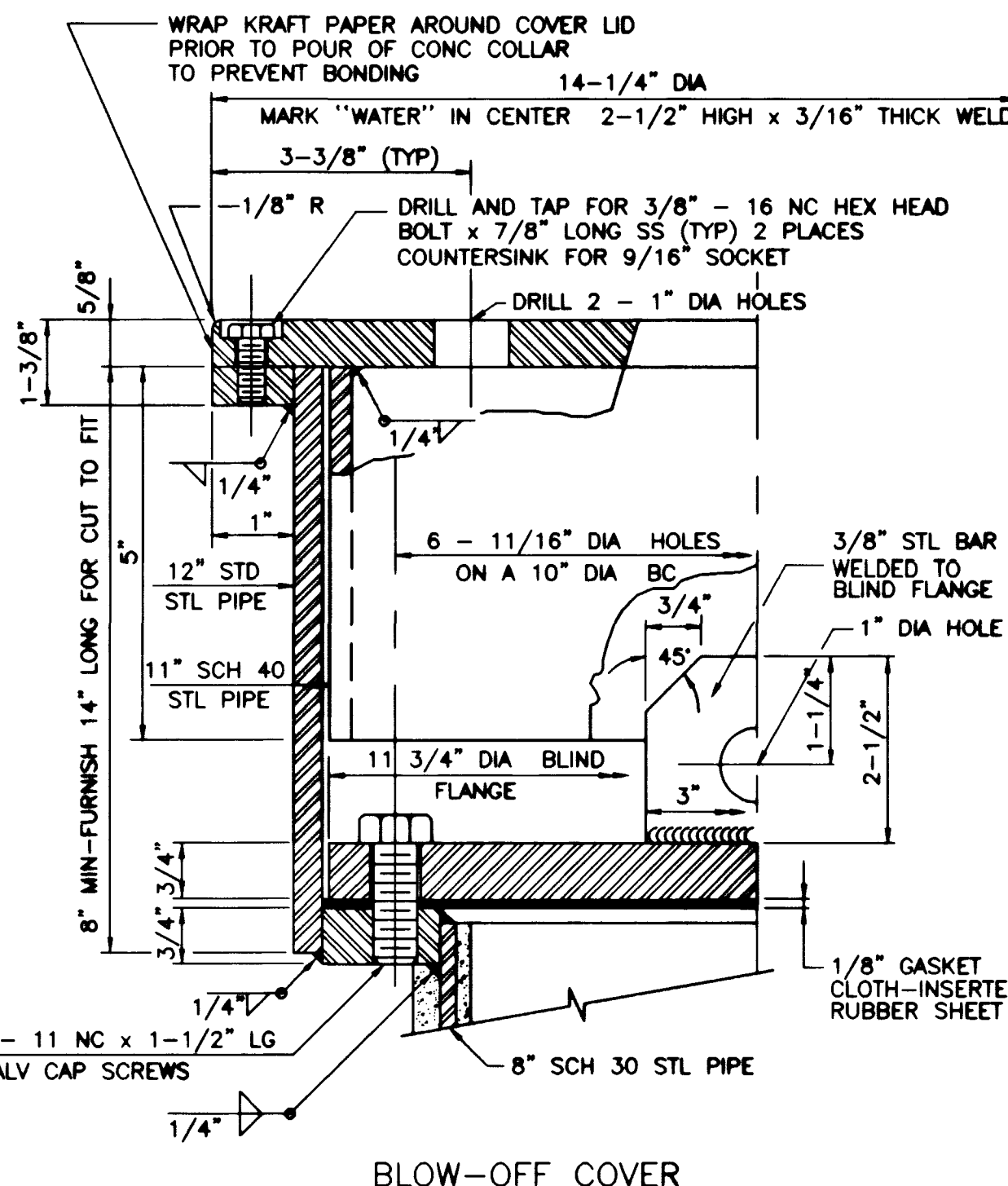
DWG. NO.	STATION - LOCATION	ALONE/VAULT
C7	35+00.00	

NOTE
1. IN ORDER TO AVOID UNDUE STRESS ON THE
VALVE BODY, THE VALVE AND BLOW-OFF
ASSEMBLY MUST BE PROPERLY SUPPORTED
UNTIL THE BACKFILL OPERATION IS COMPLETED.

BLOW-OFF ASSEMBLY AND COVER DETAIL

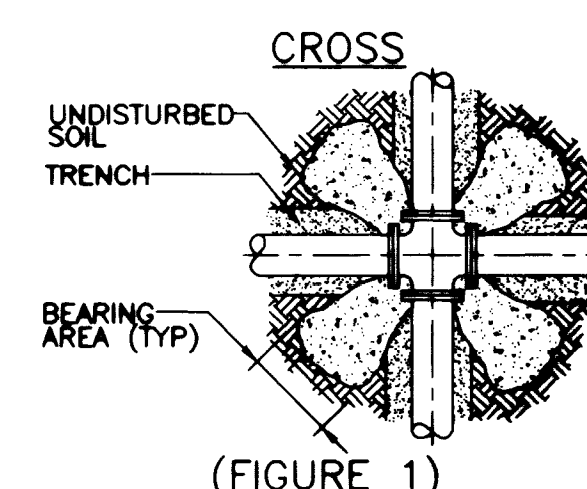
NOT TO SCALE PL09-2 102698

2
C8

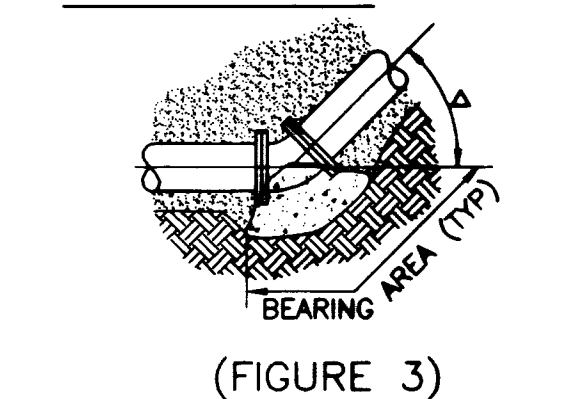


LAS VEGAS VALLEY WATER DISTRICT

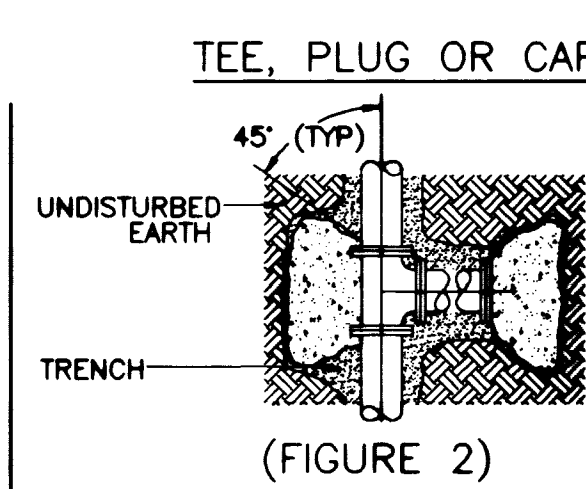
DATE



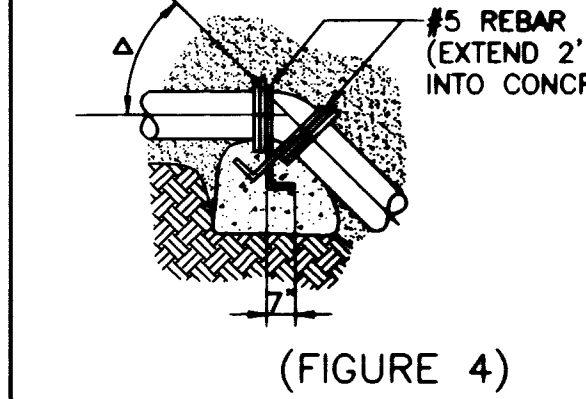
(FIGURE 1)
HORIZONTAL OR UPWARD
VERTICAL BEND



(FIGURE 3)
HORIZONTAL OR UPWARD
VERTICAL BEND



(FIGURE 2)
TEE, PLUG OR CAP



(FIGURE 4)
TEE, PLUG OR CAP

GENERAL NOTES

COAT AND WRAP ALL METAL SURFACES IN ACCORDANCE WITH DIVISION 15 OF THE
LVWD SPECS. PROTECTIVE COATINGS. ALL CONCRETE SHALL BE 3000 PSI MINIMUM.
28 DAYS COMPRESSIVE STRENGTH. CONCRETE IS TO BE PLACED IN UNDISTURBED
EARTH. TABLE BELOW DENOTES MINIMUM BEARING AREA OR VOLUME OF THRUST
BLOCK. SPECIAL DESIGN CALCULATIONS ARE TO BE SUBMITTED TO LVWD FOR
APPROVAL IF ALLOWABLE SOIL BEARING CAPACITY IS LESS THAN 3000 PSF. ALL
VERTICAL SURFACES NOT BEARING AGAINST UNDISTURBED EARTH SHALL BE FORMED.

	BEARING AREA IN SQ FT								CONC/CU YDS			
PIPE ID	FIGURE	FIGURE	FIGURE 3, Δ				FIGURE 4, Δ					
	1	2	90°	45°	22½°	11¼°	45°	22½°	11¼°			
4"	2	2	2	1	1	1	1.0	0.5	0.5			
6"	2	3	4	2	1	1	1.5	1.0	0.5			
8"	3	5	7	4	2	1	3.0	1.5	1.0			
10"	4	8	10	6	3	2	4.5	2.5	1.5			
12"	5	11	16	8	4	2	6.5	3.0	1.5			

THRUST BLOCK INSTALLATION

NOT TO SCALE PL11-1 102698

3
C8

24\"/>

EAGLE CREEK I WATER DETAILS

DRAWN BY: [blank]
DESIGNED BY: [blank]
CHECKED BY: [blank]
PROJECT NO: [blank]
SCALE: [blank]
DATE: [blank]

PROFESSIONAL ENGINEER
ROBERT W. JOHNSON
No. 13698
Nevada State Board of Engineering and Architecture

8 of 10 SHEETS
DRAWING NO. 567P-4614

L:\88V189\DESIGN\8189W06.DWG

