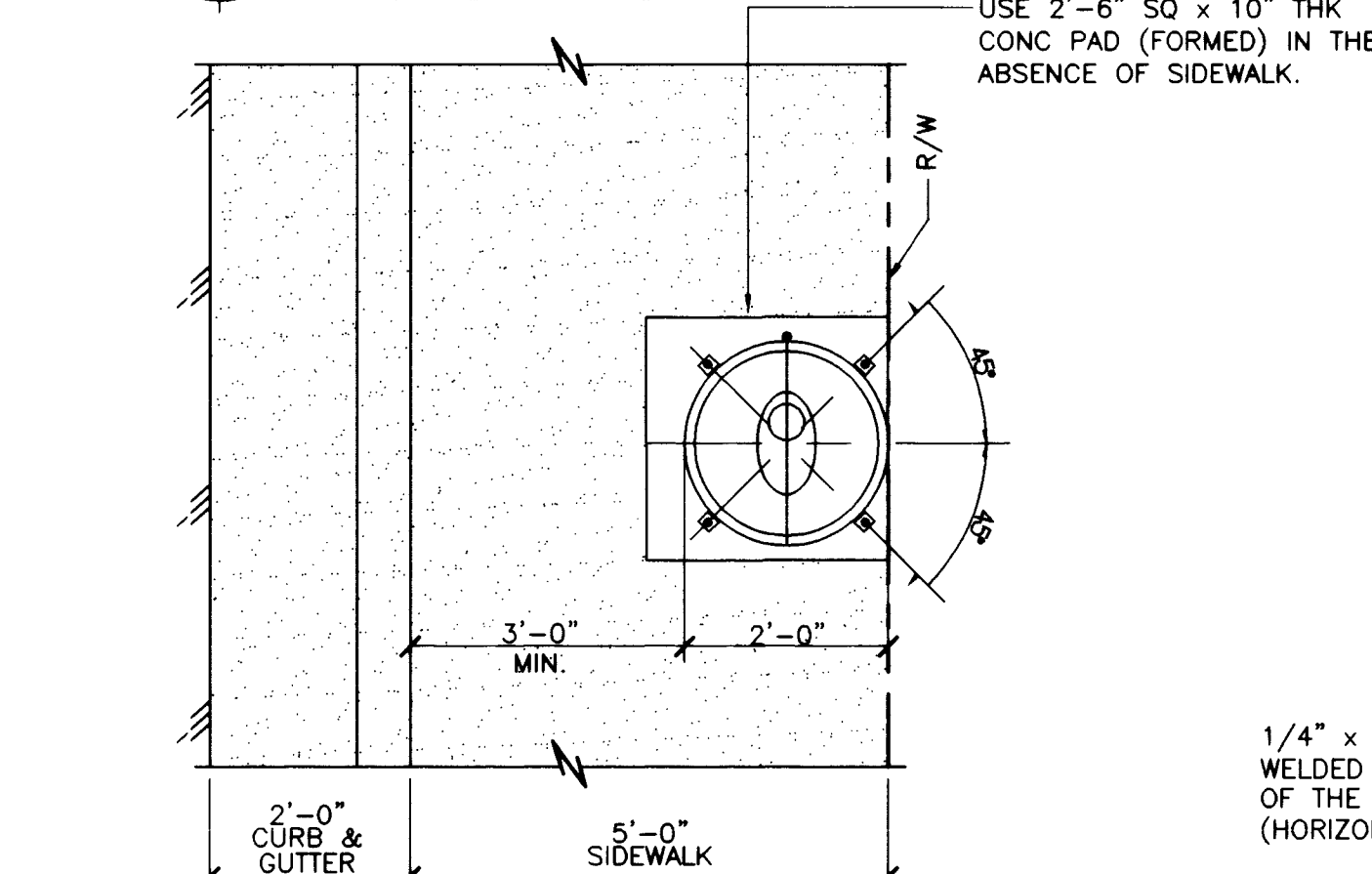
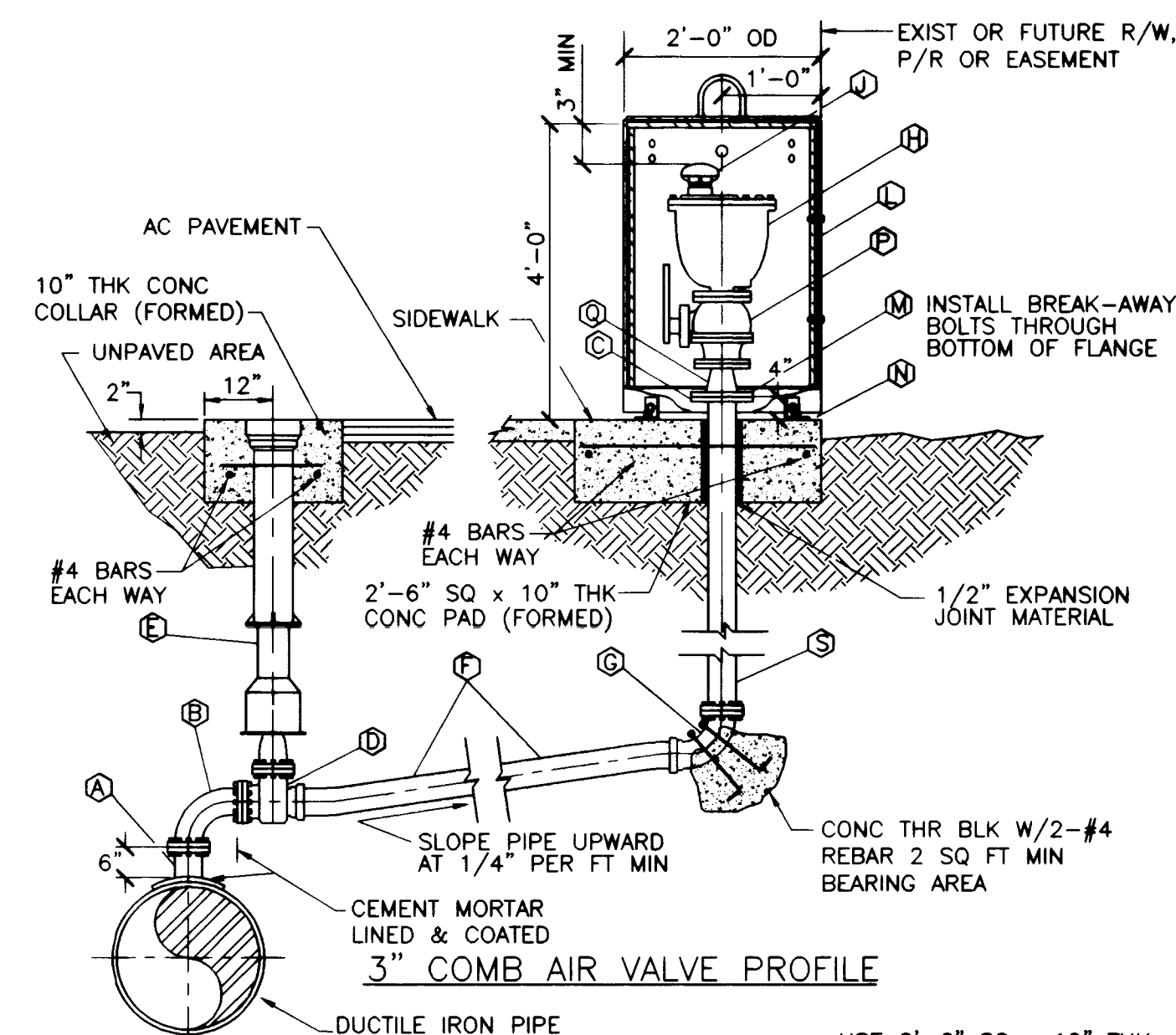
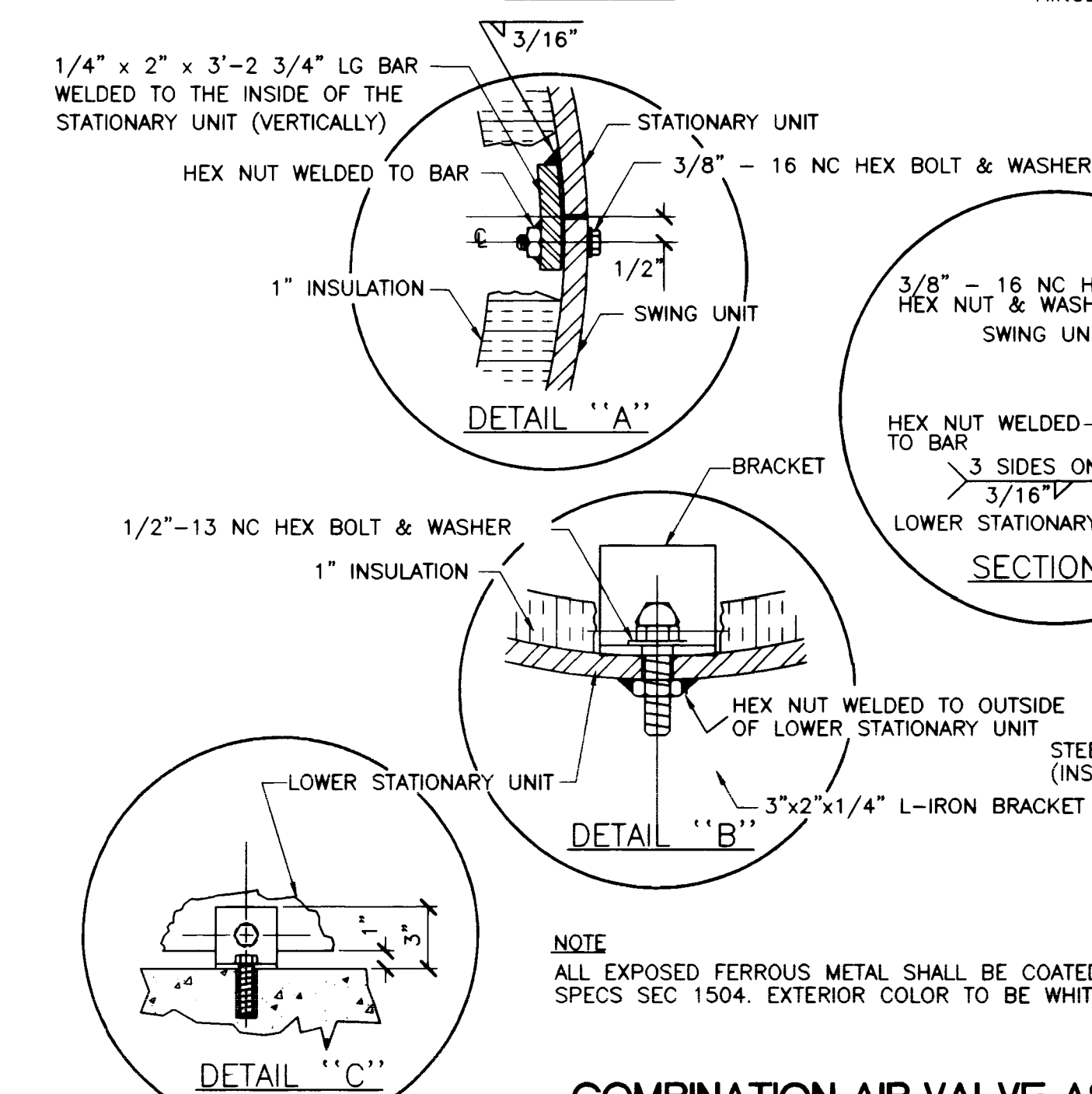




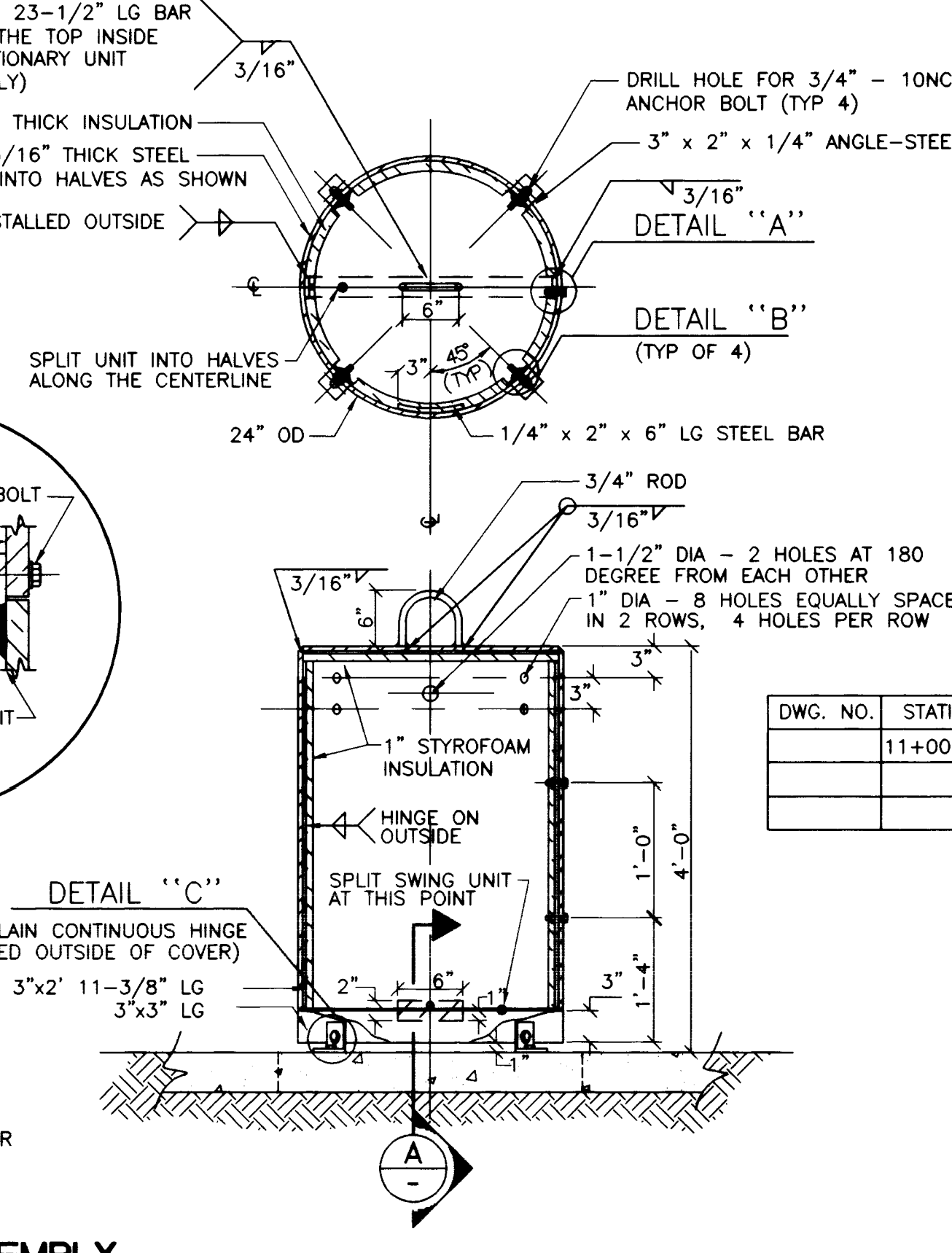
NOTES
IN IMPROVED AREAS CONTRACTOR TO REPLACE FULL SIDEWALK PANEL.
IN UNIMPROVED AREAS CONTRACTOR TO CONSTRUCT FORMED
2'-6" SQ x 10" THICK CONCRETE SLAB.



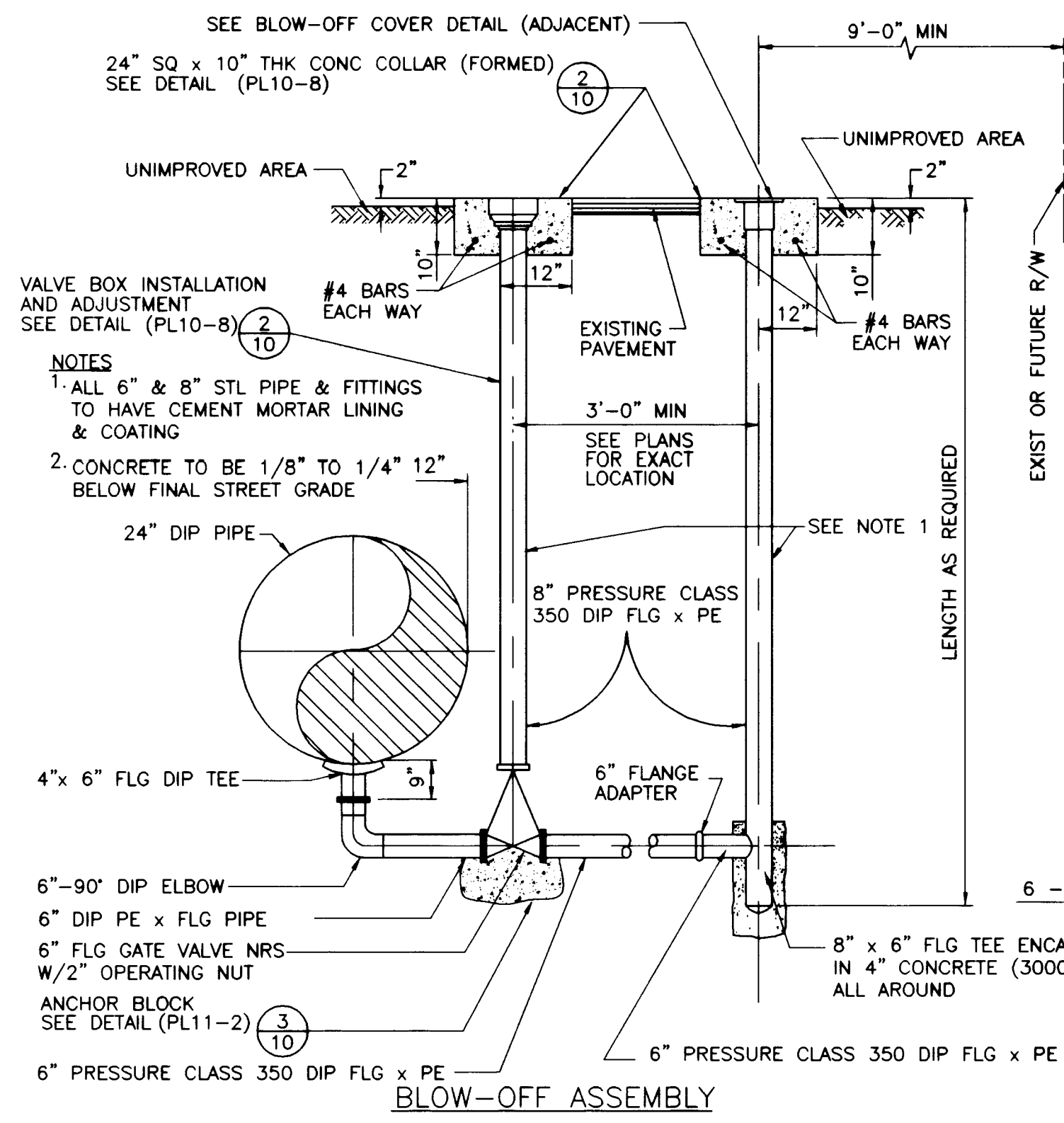
COMBINATION AIR VALVE ASSEMBLY
FOR 1", 2", 3", AND 4" VALVES
NOT TO SCALE PL09-1 102698

- LEGEND**
- ① 4" FLG STL OUTLET FOR MLC STLPIPE, FLG TEE FOR DIP
 - ② 4"- 90° FLG DUCTILE IRON BEND
 - ③ 4" DUCTILE IRON FLANGE ADAPTOR
 - ④ 4" FLG x PO OR FLG x MJ GATE VALVE W/2" OPERATING NUT
 - ⑤ VALVE BOX & COVER - SEE DETAIL (PL10-8)
 - ⑥ 4" DUCTILE IRON CL50 PIPE OR 4" PVC CL150 DR18 PIPE
 - ⑦ 4"- 90° FLG x PO OR FLG x MJ CI BEND
 - ⑧ 3" COMBINATION AIR VALVE, FLANGED INLET
 - ⑨ 3" MUSHROOM FOR 3" COMBINATION AIR VALVE ASSY
 - ⑩ 2'-0" OD x 4'-0" HIGH STEEL COVER
 - ⑪ 5/8"-11NC BREAK-AWAY ZINC PLATED HEX HD BOLT, HEX NUT AND LOCKWASHER
 - ⑫ 1/2"-13NC x 2-1/2" LG "RED HEAD" ANCHOR BOLT INSTALLED OUTSIDE
 - ⑬ 3" BALL VALVE - QUARTER TURN - FOR 3" COMB AIR VALVE ASSY
 - ⑭ 4" x 3" FLG DUCTILE IRON REDUCER - FOR 3" COMB AIR VALVE ASSY
 - ⑮ 4" x 2" OR 4" x 1" THREADED STL REDUCING FLANGE
 - ⑯ 4" DUCTILE IRON CL50 PIPE

NOTE SEE SPECIFICATIONS FOR ALL APPROVED PRODUCTS



COMBINATION AIR VALVE ASSEMBLY
FOR 1", 2", 3", AND 4" VALVES
NOT TO SCALE PL09-1 102698

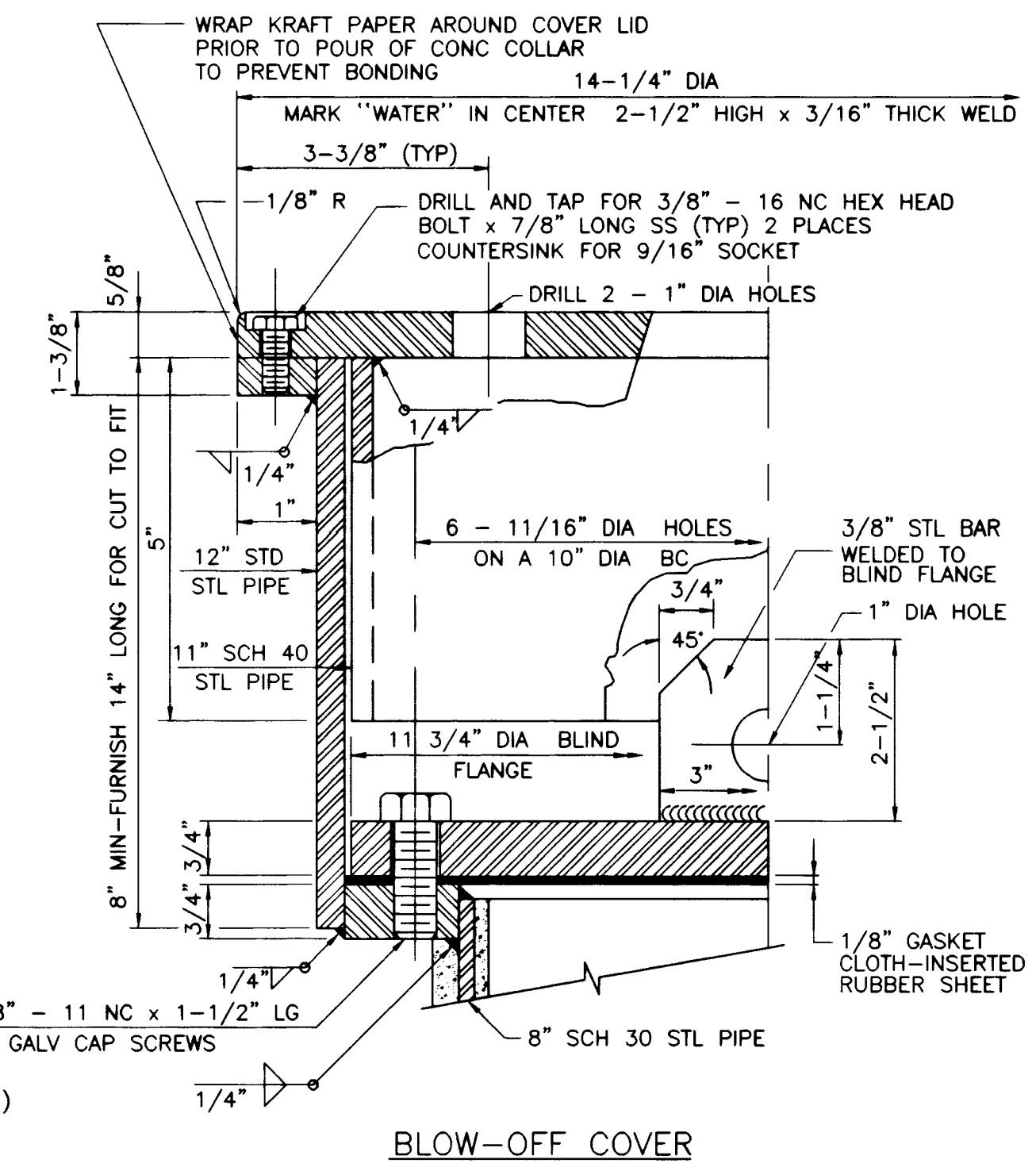


BLOW-OFF ASSEMBLY AND COVER DETAIL
NOT TO SCALE PL09-2 102698

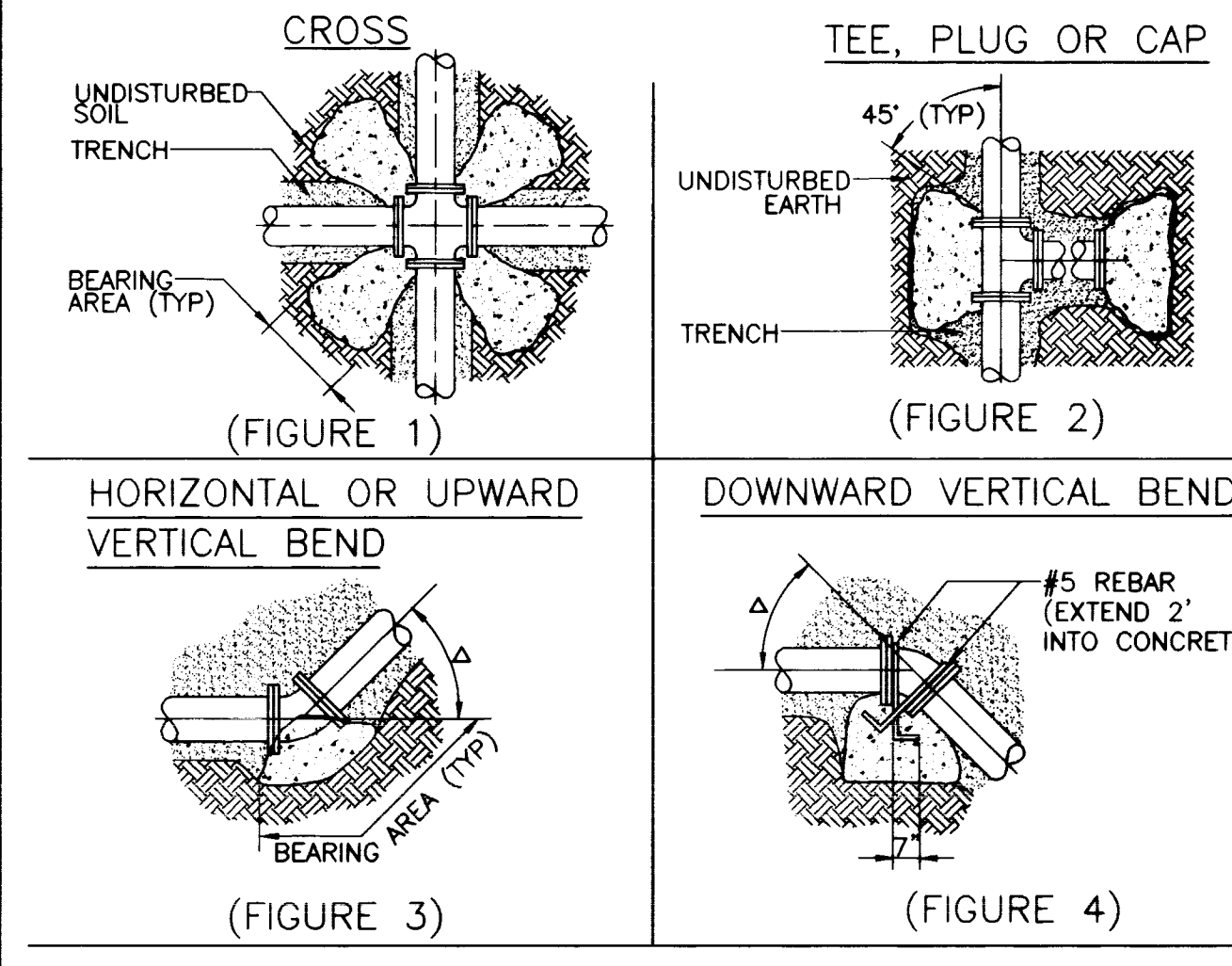
DWG. NO.	STATION - LOCATION	ALONE/VAULT
C7	35+00.00	

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



BLOW-OFF COVER
NOT TO SCALE PL09-3 102698



THRUST BLOCK INSTALLATION
NOT TO SCALE PL11-1 102698

GENERAL NOTES
COAT AND WRAP ALL METAL SURFACES IN ACCORDANCE WITH DIVISION 15 OF THE LVVWD 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 LVVWD 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 1	FIGURE 2	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

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EAGLE CREEK I
WATER DETAILS

24" WATER MAIN PLAN AND PROFILE

DRAWN BY: R/W
DESIGNED BY: R/W
CHECKED BY: R/W
PROJECT NO: 9810010
SCALE: N/A
SHEET: C8
8 OF 10 SHEETS
DRAWING NO: 56717-4614

