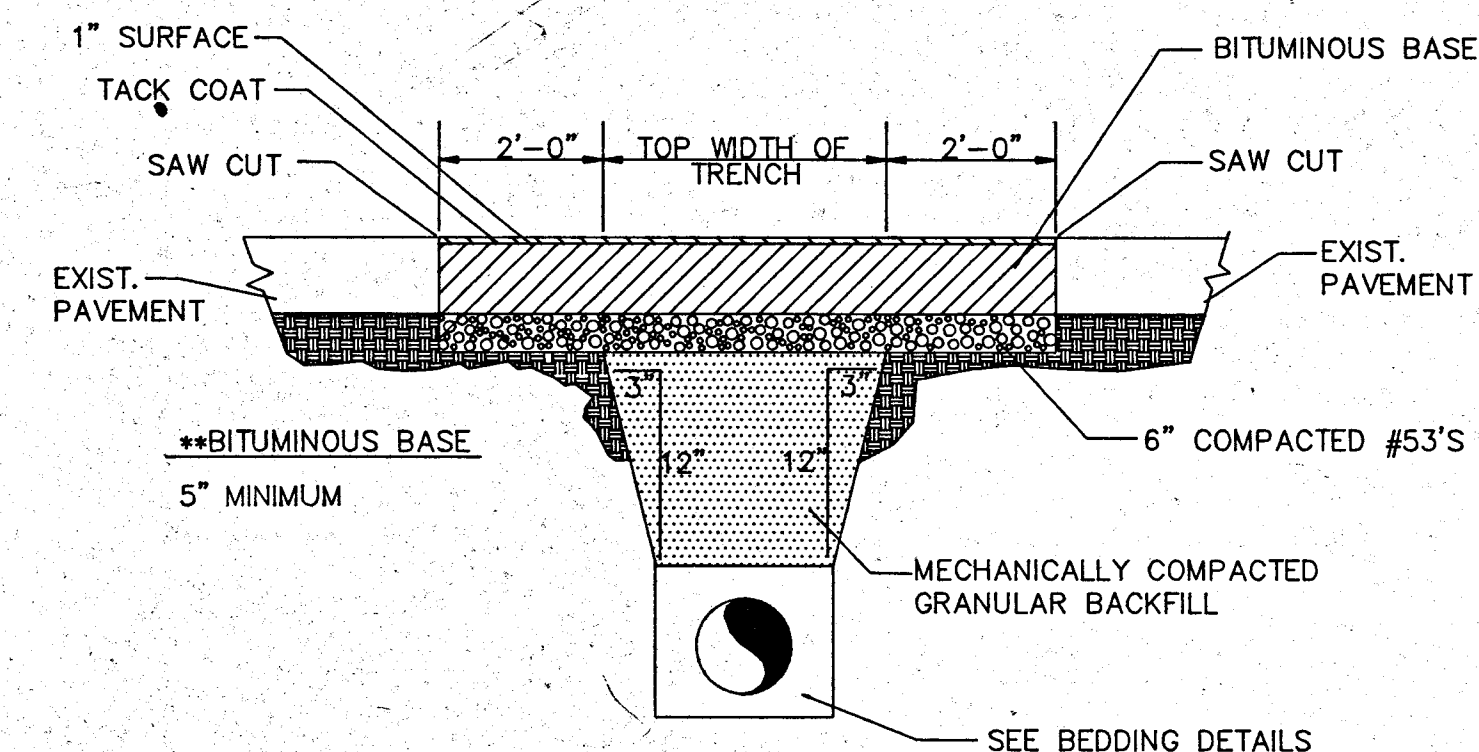
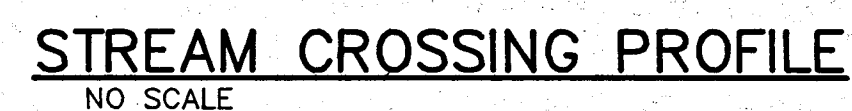
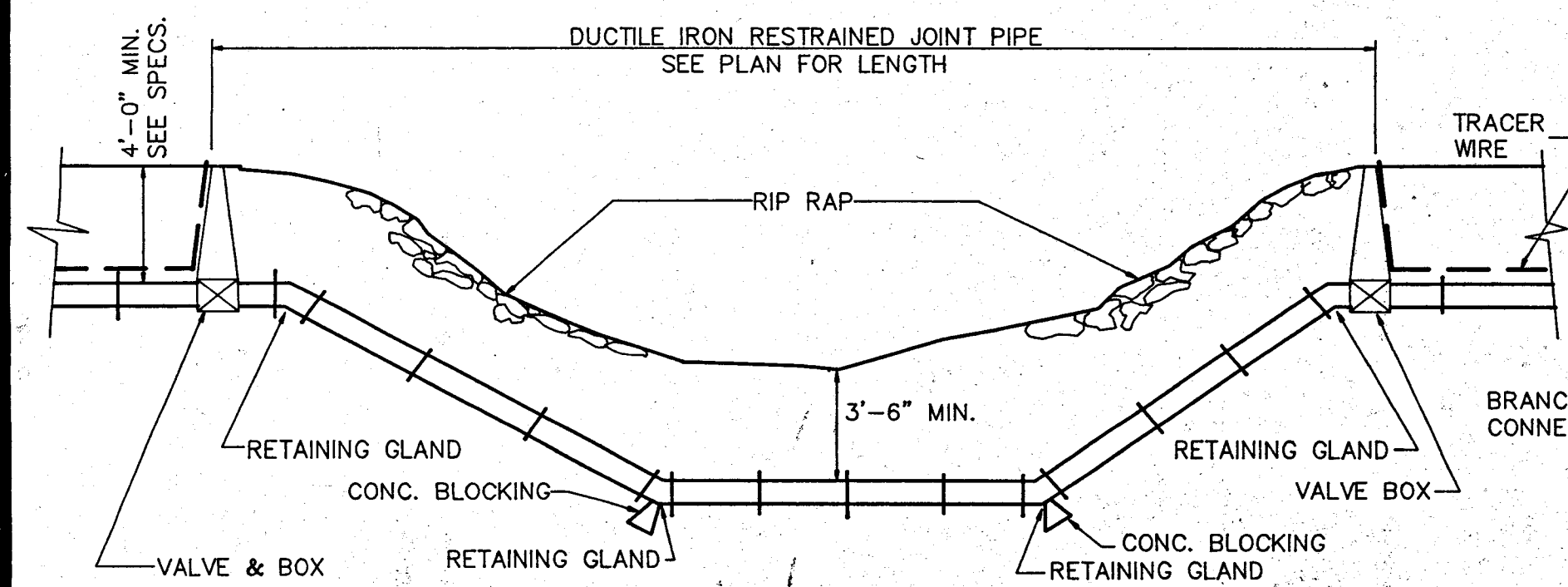
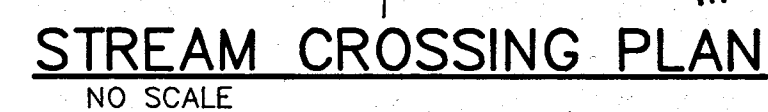
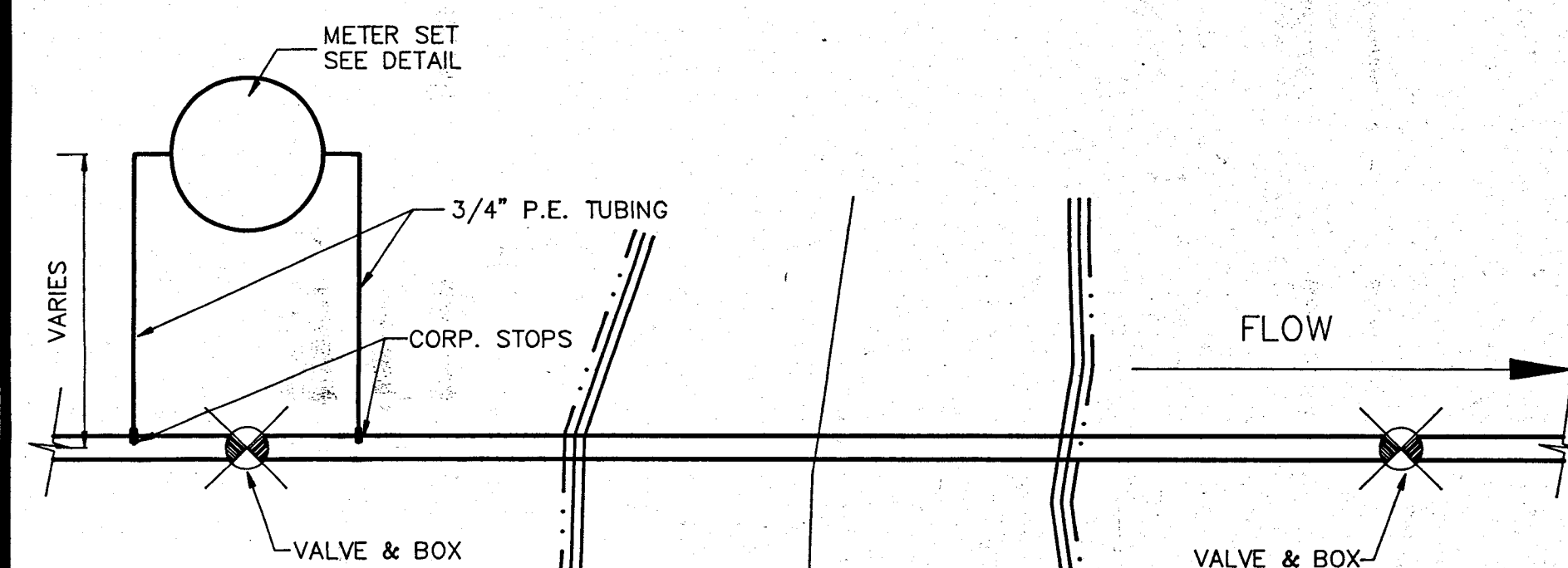
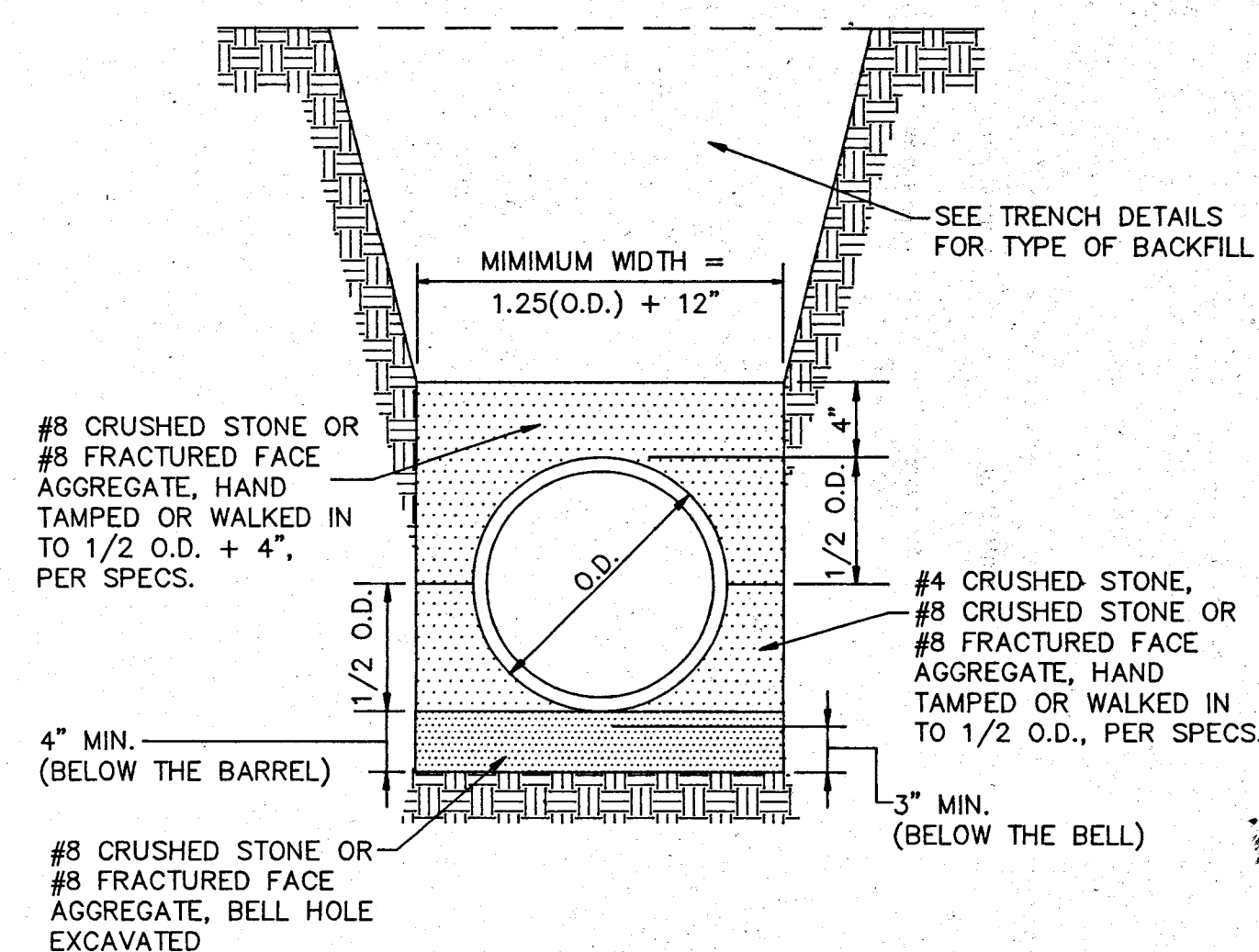
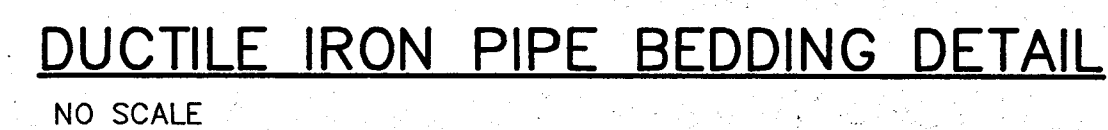
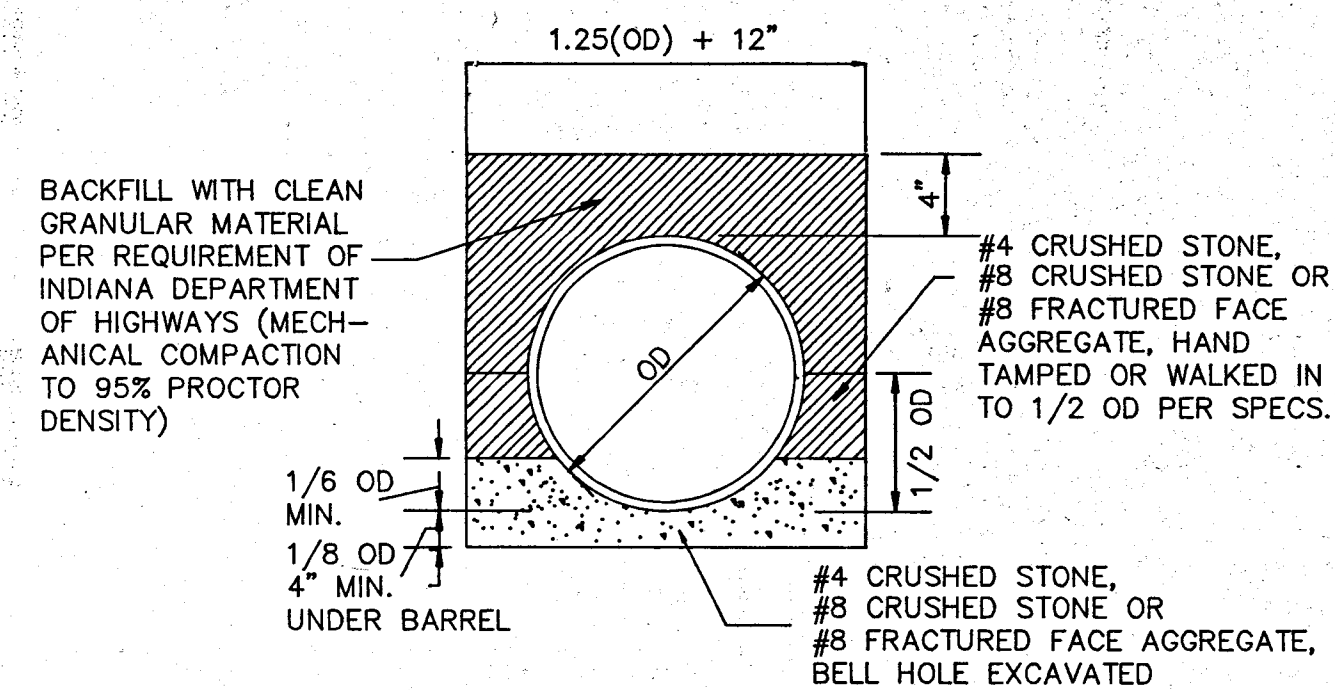
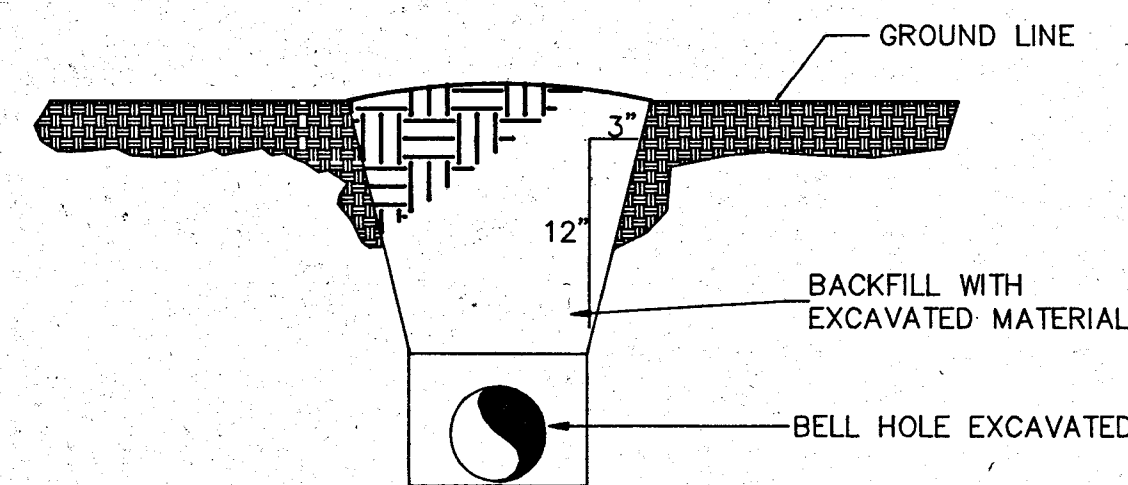


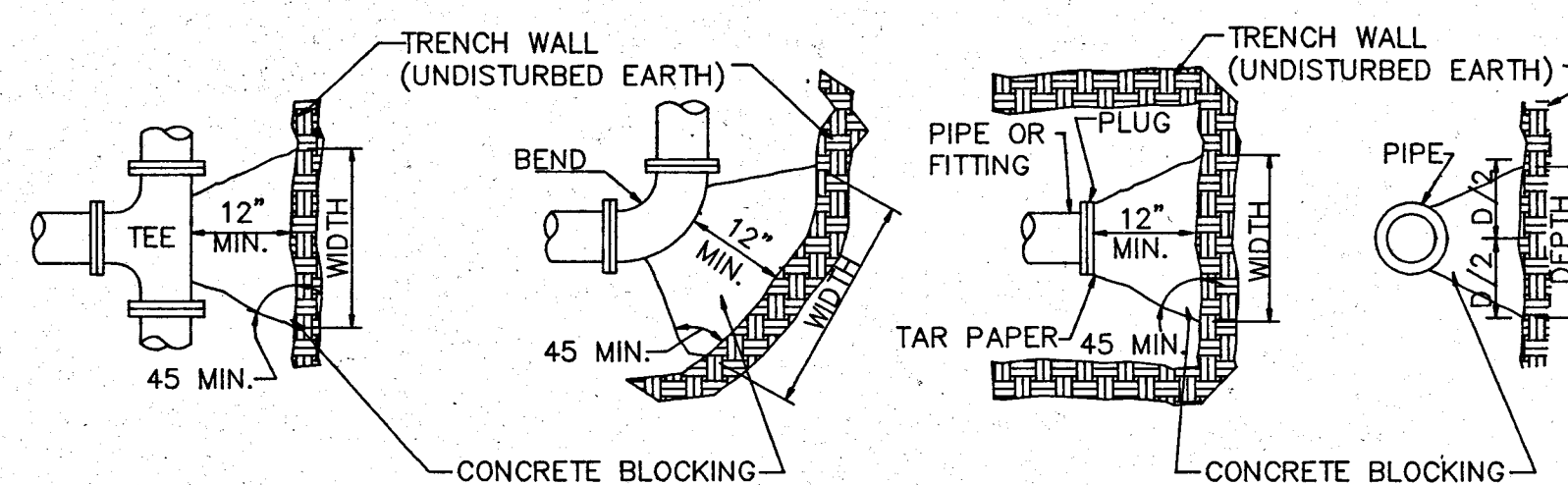


NOTE:

FOR CONCRETE PAVEMENT
REPLACEMENT—
6" PLAIN FOR DRIVES



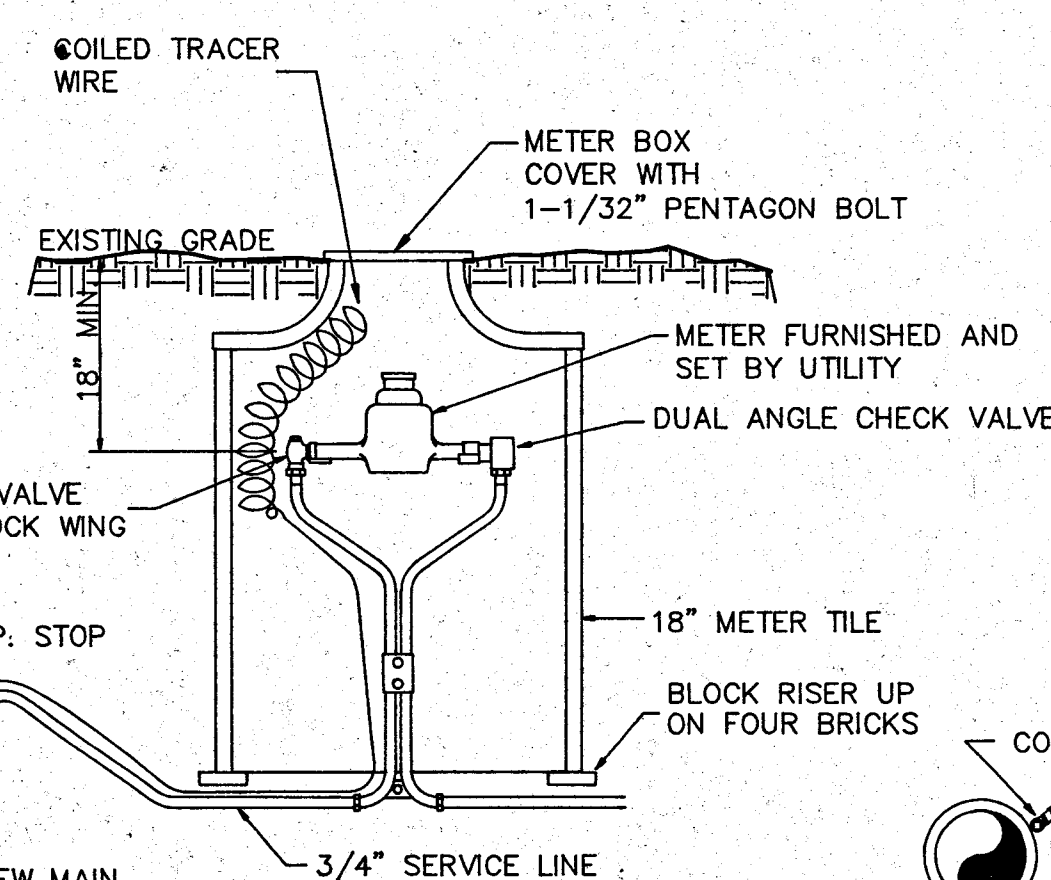
TYPICAL TRENCH DETAIL



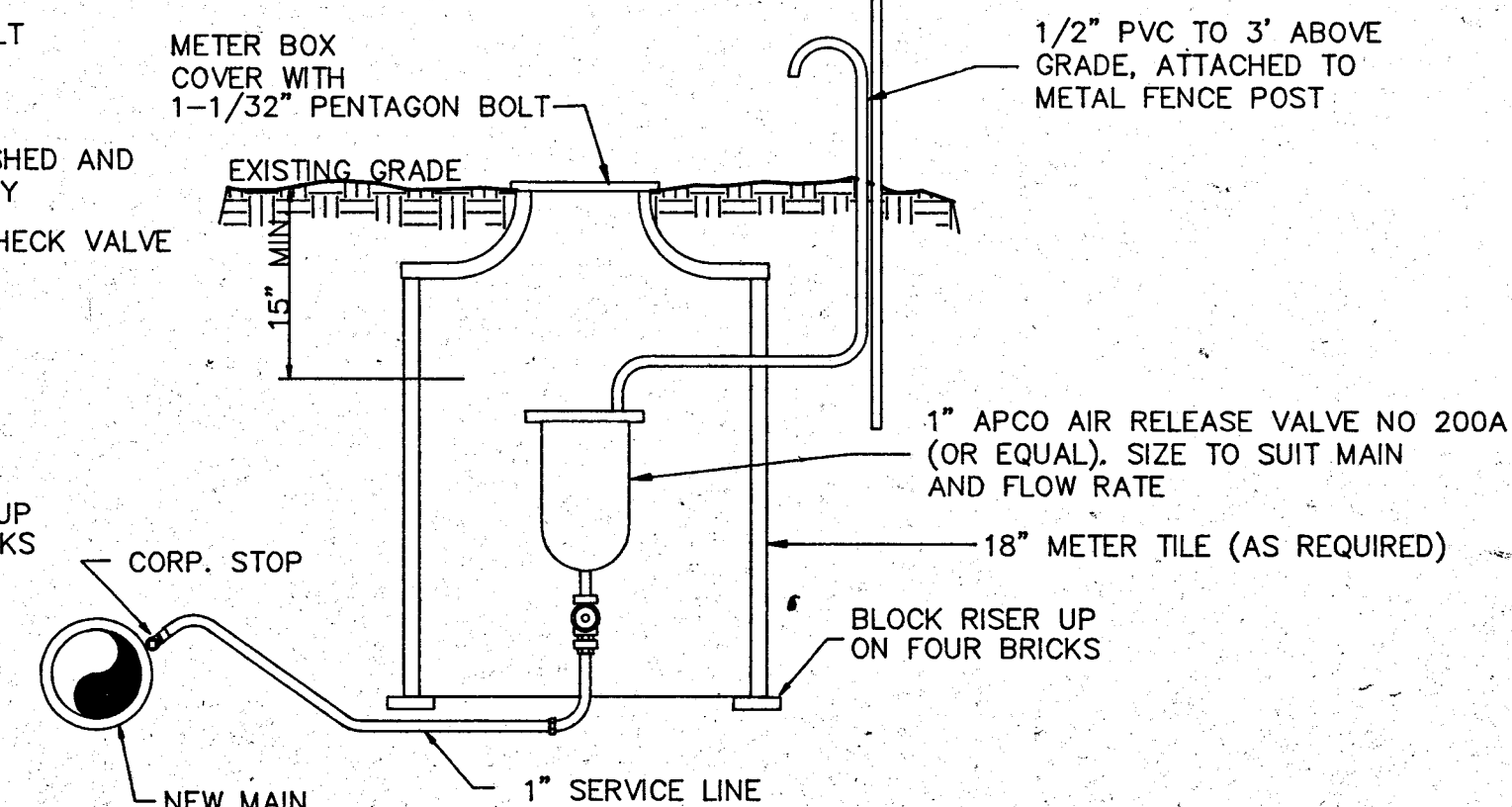
	TEE		22 1/2°		45°		90°		PLUG	
SIZE	W	D	W	D	W	D	W	D	W	D
3", 4"	2'-6"	1'-0"	1'-0"	9"	1'-6"	1'-3"	2'-9"	1'-3"	1'-6"	1'-6"
6"	3'-3"	1'-6"	2'-0"	1'-0"	2'-6"	1'-6"	4'-3"	1'-6"	2'-3"	2'-3"
8"	4'-3"	2'-0"	2'-0"	1'-9"	3'-9"	1'-9"	6'-0"	2'-0"	3'-0"	3'-0"
10"	5'-3"	2'-6"	3'-0"	1'-9"	4'-0"	2'-6"	7'-3"	2'-6"	3'-9"	3'-9"
12"	6'-0"	3'-0"	3'-6"	2'-0"	4'-9"	3'-6"	7'-9"	3'-0"	4'-3"	4'-3"

NOTES:

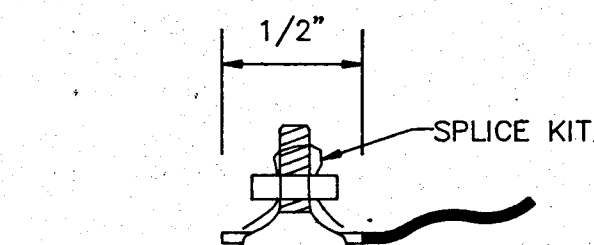
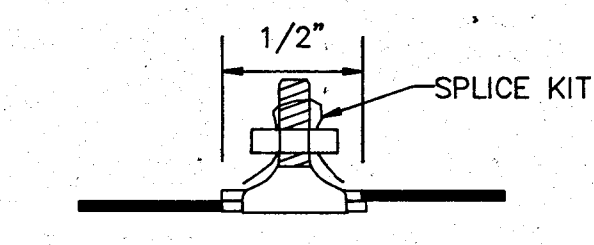
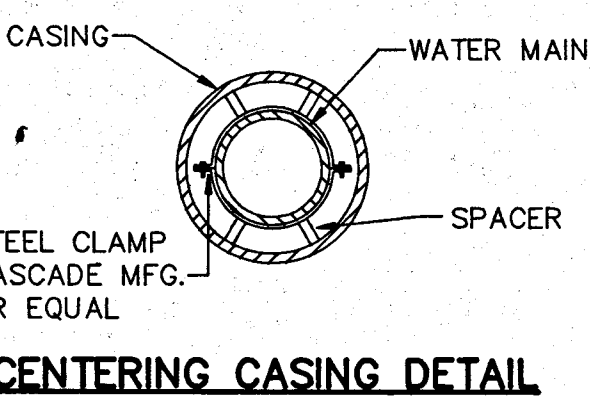
1. CONCRETE REACTION BLOCKING SHALL NOT COVER PIPE JOINTS, BOLTS, OR GLANDS
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 2000 PSI AFTER 28 DAYS.
3. WRAP D.I. FITTINGS WITH 8MIL VISQUEEN OR POLYETHYLENE ENCASEMENT.



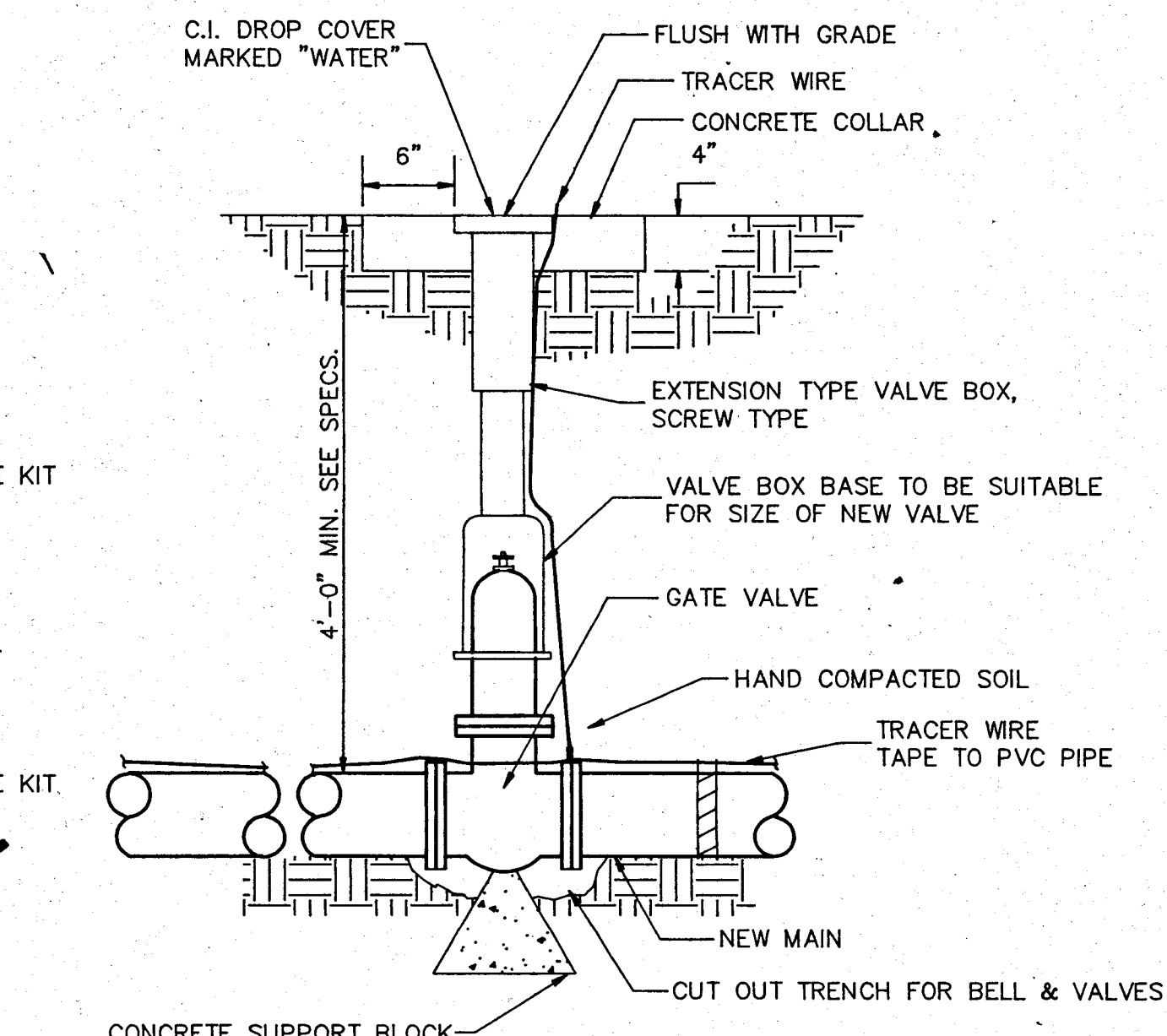
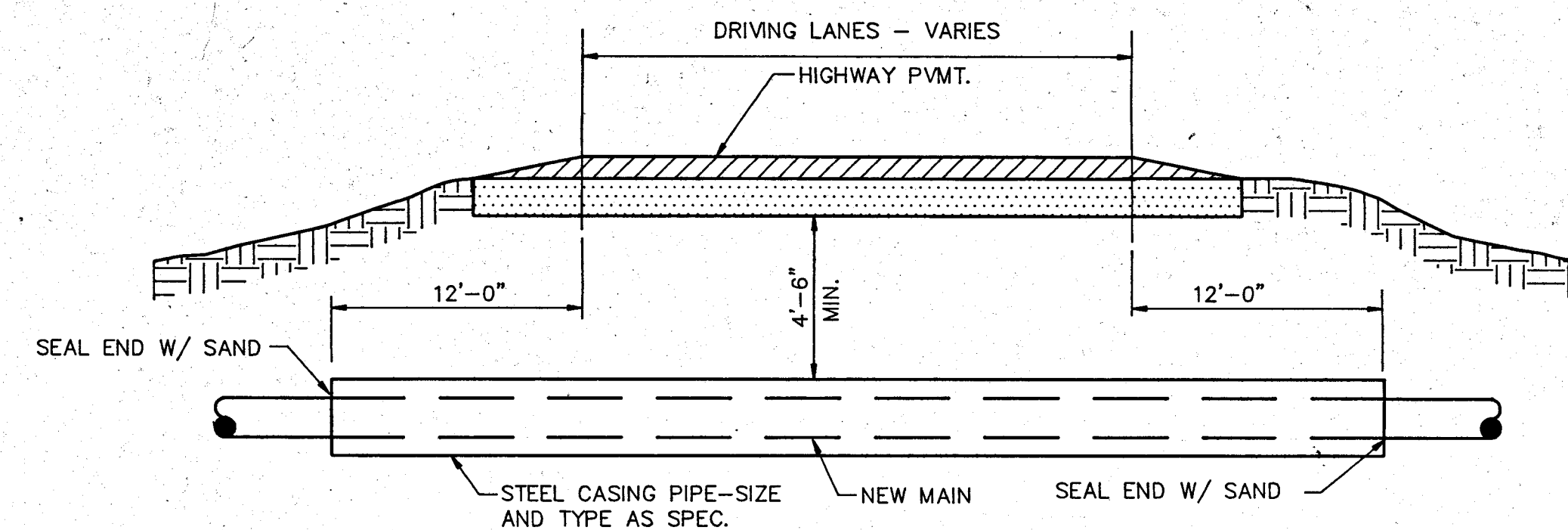
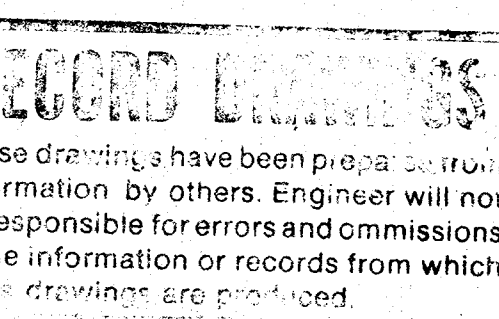
METER SETTING DETAIL



AIR RELEASE DETAIL
NO SCALE



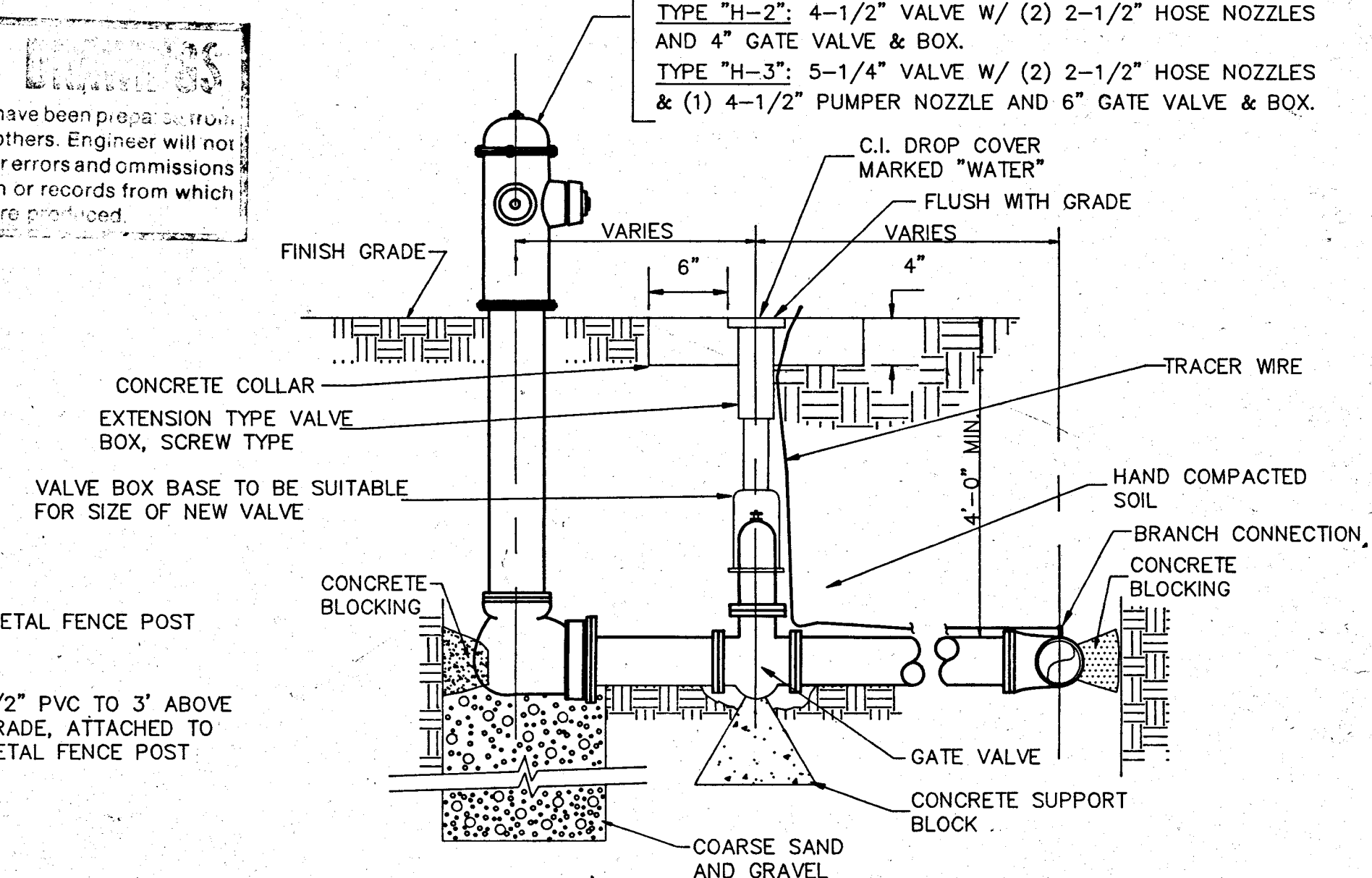
TRACER WIRE DETAILS



VALVE DETAIL

NO SCALE

TYPE "H-1": 2-1/8" VALVE W/ (1) 2-1/2" HOSE NOZZLE
AND 3" GATE VALVE & BOX.
TYPE "H-2": 4-1/2" VALVE W/ (2) 2-1/2" HOSE NOZZLES
AND 4" GATE VALVE & BOX.
TYPE "H-3": 5-1/4" VALVE W/ (2) 2-1/2" HOSE NOZZLES
& (1) 4-1/2" PUMPER NOZZLE AND 6" GATE VALVE & BOX.



TYPICAL HYDRANT ASSEMBLY

NOTES:

1. SET HYDRANT VALVE AND BOX ON GOOD SUPPORT SUCH AS TREATED LUMBER, CRUSHED STONE, CONC. PADS, OR THOROUGHLY COMPACTED TRENCH BOTTOM.
2. 2' X 3' DEEP COARSE SAND AND GRAVEL DRAINAGE PIT.
3. POUR ALL CONCRETE THRUST BLOCKING AGAINST UNDISTURBED EARTH. DO NOT HYDRANT DRAIN PORT WITH CONCRETE.
4. THE RODS OR SPECIAL RESTRAINED FITTING (CLOW F-1215, M.J. ANCHOR) USED IN PLACE OF CONC. THRUST BLOCKING. RESTRAINT MUST BE FROM HYDRANT. THE RODS SHALL BE THOROUGHLY COATED WITH A RUST INHIBITOR.
5. VALVE BOX SHALL BE CENTERED AND PLUMB OVER VALVE OPERATING HANDLE.

CONTRACT "A"
WATER MAINS
DETAILS

ELROD WATER COMPANY, INC.
DIVISION "E"

WATERWORKS SYSTEM IMPROVEMENT

**M.B. WESSLER and
ASSOCIATES**
CONSULTING ENGINEERS
621^{1/2} South East Street, Suite A
Indianapolis, Indiana 46227-2148

SCALE:	AS SHOWN
DATE:	OCT. 14, 1993
PROJECT NO.:	37391.04
DRAWN BY:	C.L.G.
APPROVED BY:	D.G.C.
PLOTTED:	3/3/94
CAD FILE:	373-A45.DWG

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WESSLER & ASSOCIATES, P