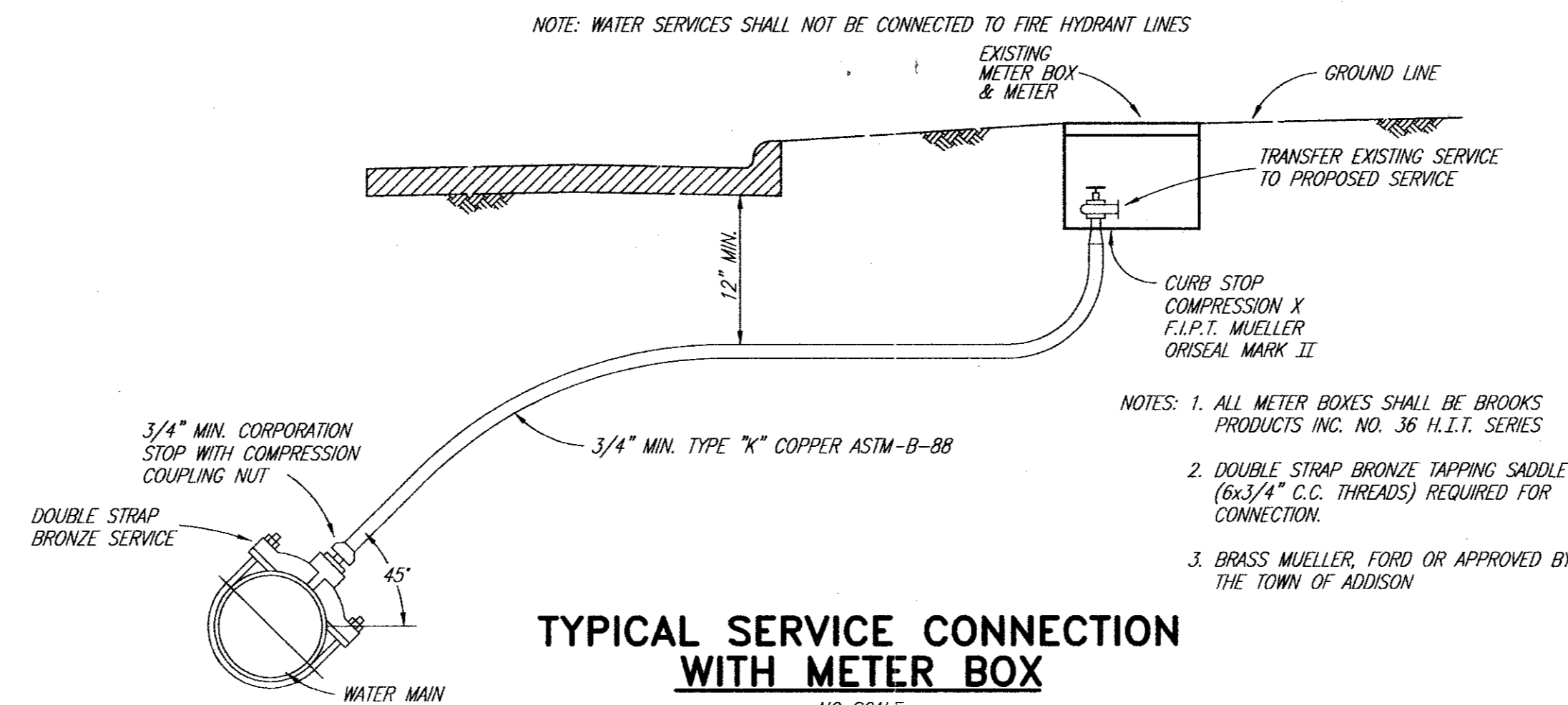


NOTE: DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

CONNECTION TO EXISTING PAVEMENT

NOT TO SCALE

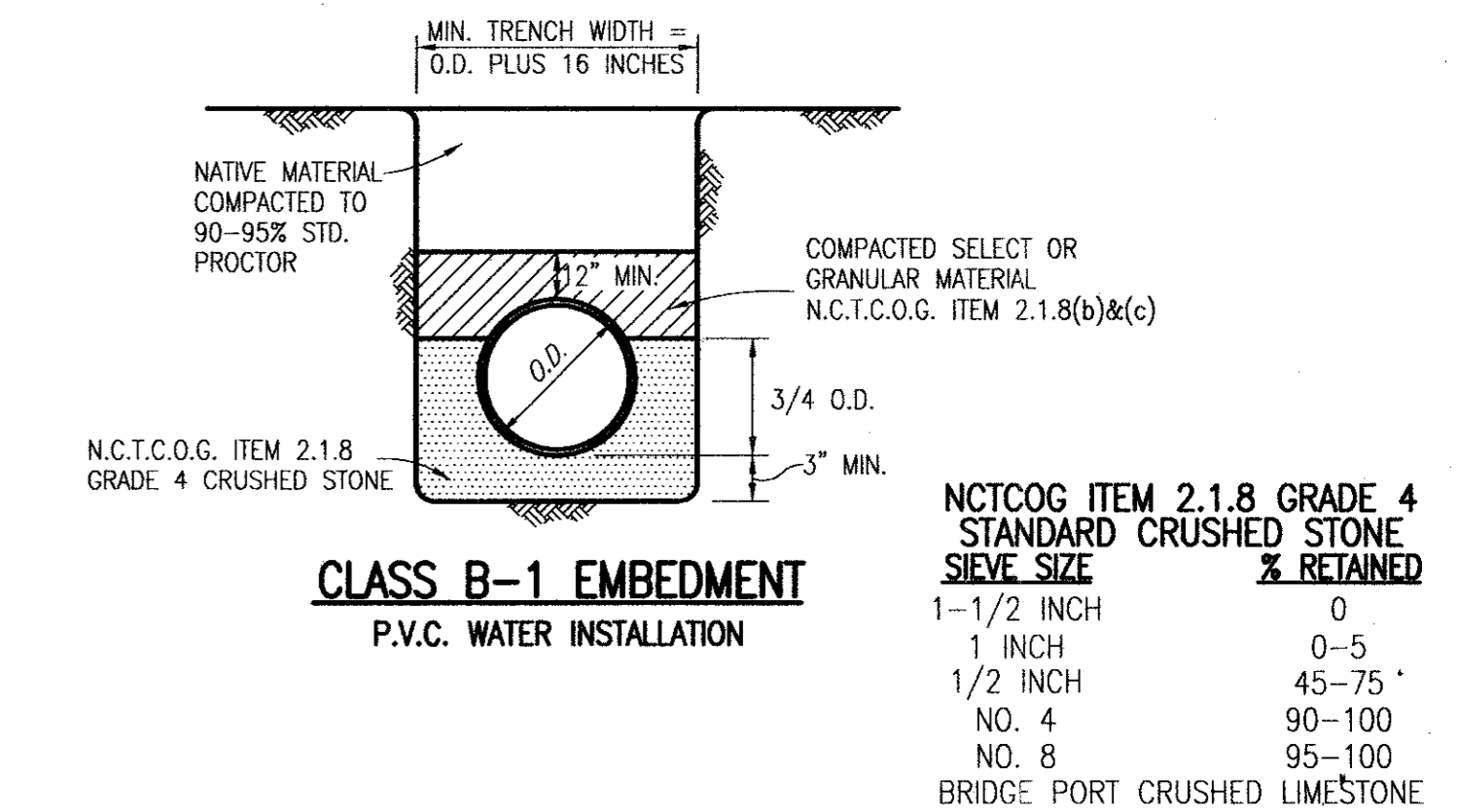


TYPICAL SERVICE CONNECTION WITH METER BOX

NO SCALE

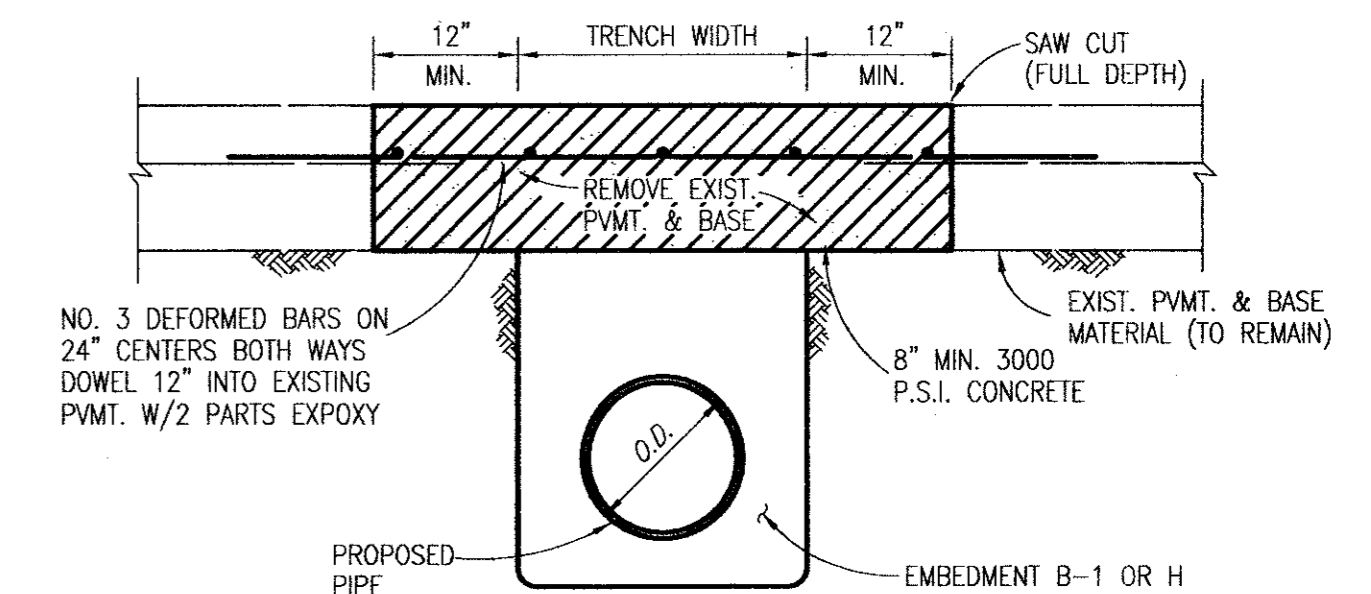
TYPE "K" COPPER SERVICE PIPE SOFT ANNEALED	DOUBLE STRAP BRONZE SERVICE SADDLE WITH C.C. THREADS
3/4" INCH	3/4" INCH
1" INCH	1" INCH
1 1/2" INCH	1 1/2" INCH
2" INCH	2" INCH

- NOTES: 1. ALL METER BOXES SHALL BE BROOKS PRODUCTS INC. NO. 36 H.I.T. SERIES
 2. DOUBLE STRAP BRONZE TAPPING SADDLE (6x3/4" C.C. THREADS) REQUIRED FOR CONNECTION.
 3. BRASS MUELLER, FORD OR APPROVED BY THE TOWN OF ADDISON



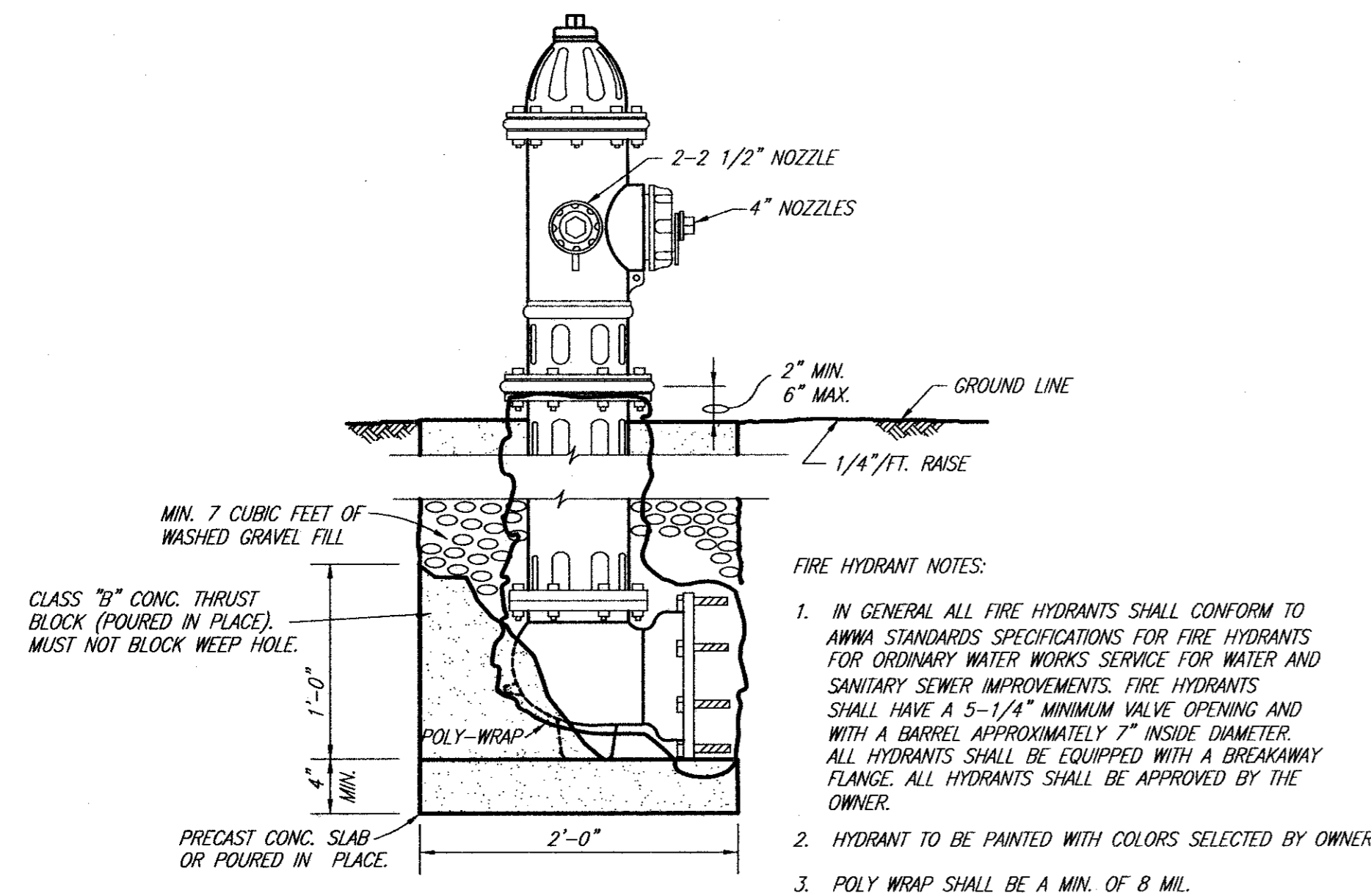
CLASS B-1 EMBEDMENT
P.V.C. WATER INSTALLATION

NCTCOG ITEM 2.1.8 GRADE 4 CRUSHED STONE	STANDARD CRUSHED STONE	% RETAINED
1-1/2 INCH	0	
1 INCH	45-75	
1/2 INCH	90-100	
NO. 4	95-100	
NO. 8	95-100	
	BRIDGE PORT CRUSHED LIMESTONE	

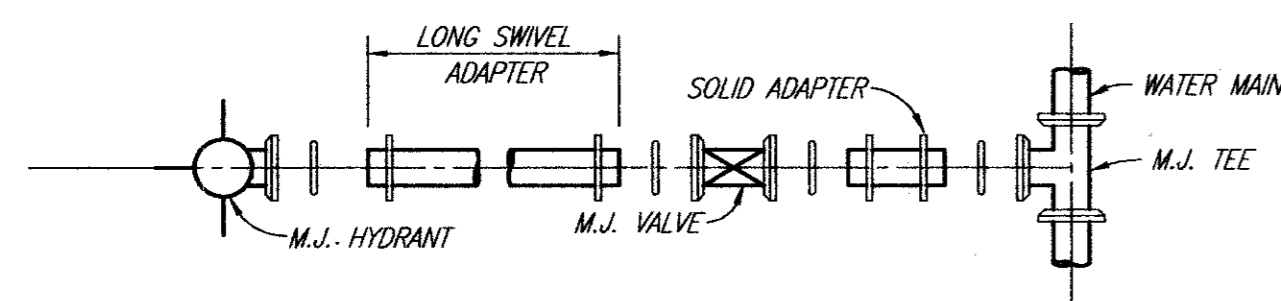


EMBEDMENT AT DRIVEWAY CUT

NOT TO SCALE

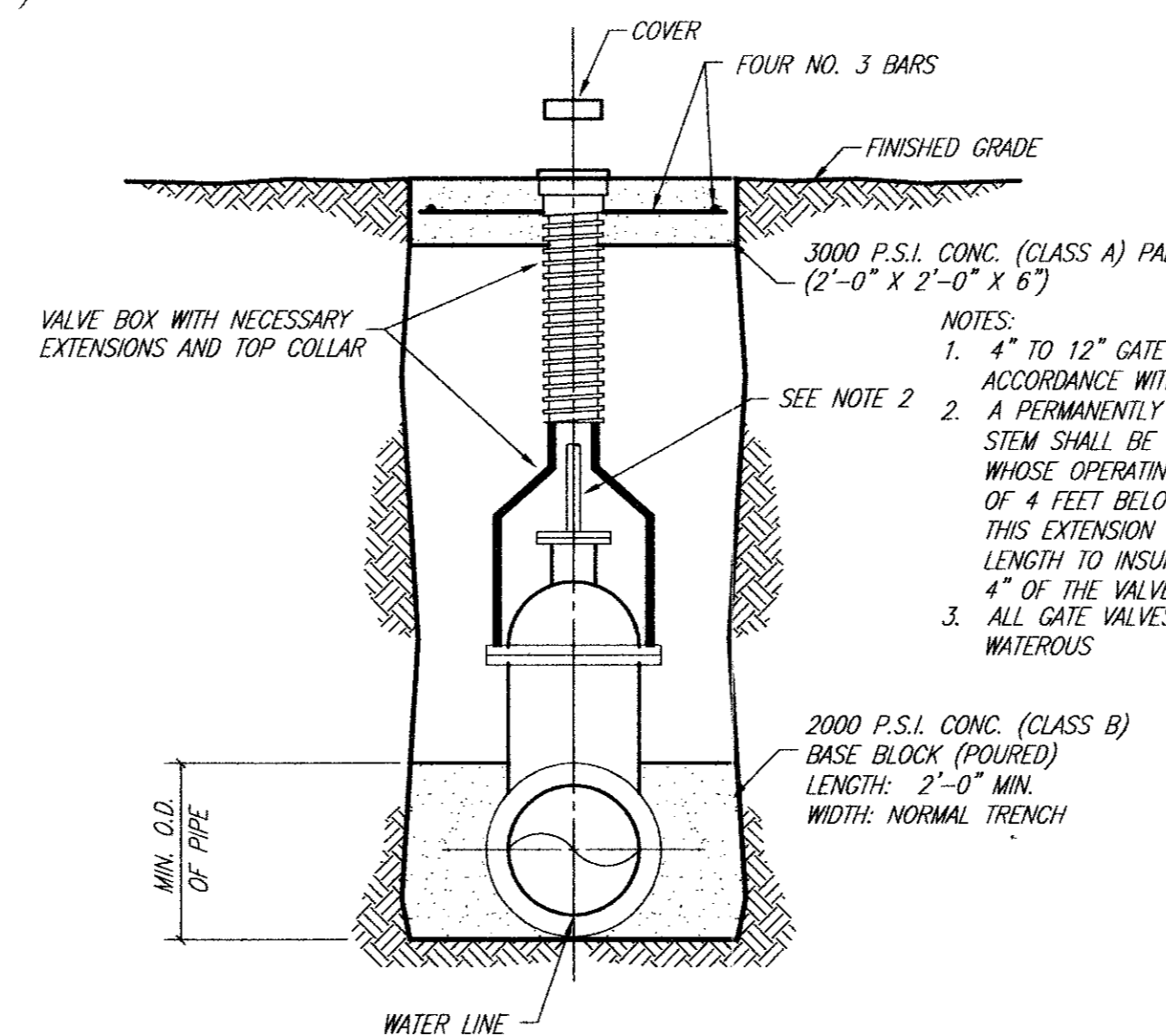


- FIRE HYDRANT NOTES:**
1. IN GENERAL ALL FIRE HYDRANTS SHALL CONFORM TO ANWA STANDARDS SPECIFICATIONS FOR FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE FOR WATER AND SANITARY SEWER IMPROVEMENTS. FIRE HYDRANTS SHALL HAVE A 5-1/4" MINIMUM VALVE OPENING AND WITH A BARREL APPROXIMATELY 7" INSIDE DIAMETER. ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE. ALL HYDRANTS SHALL BE APPROVED BY THE OWNER.
 2. HYDRANT TO BE PAINTED WITH COLORS SELECTED BY OWNER.
 3. POLY WRAP SHALL BE A MIN. OF 8 MIL.



TYPICAL FIRE HYDRANT INSTALLATION

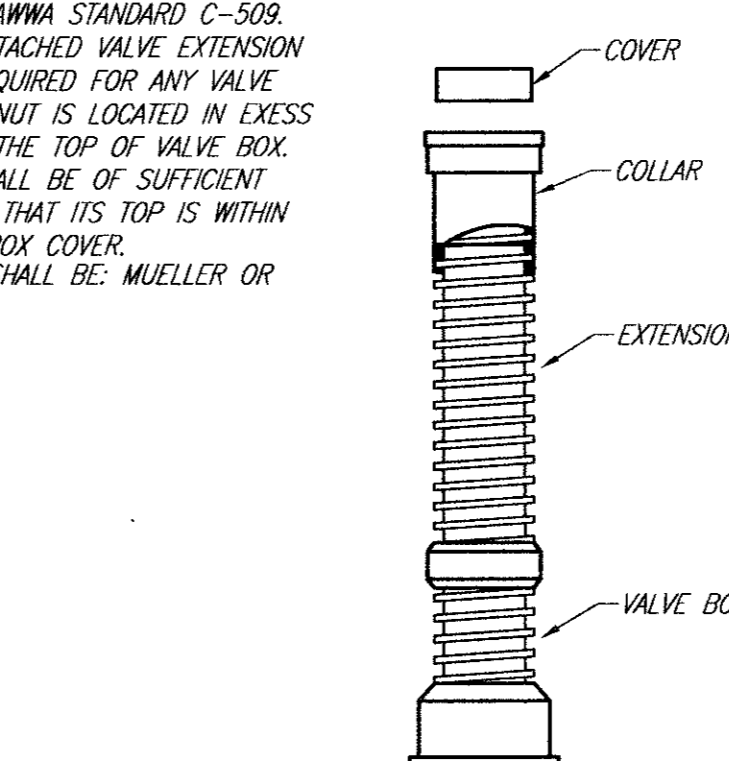
NO SCALE



VALVE SETTING & BOX

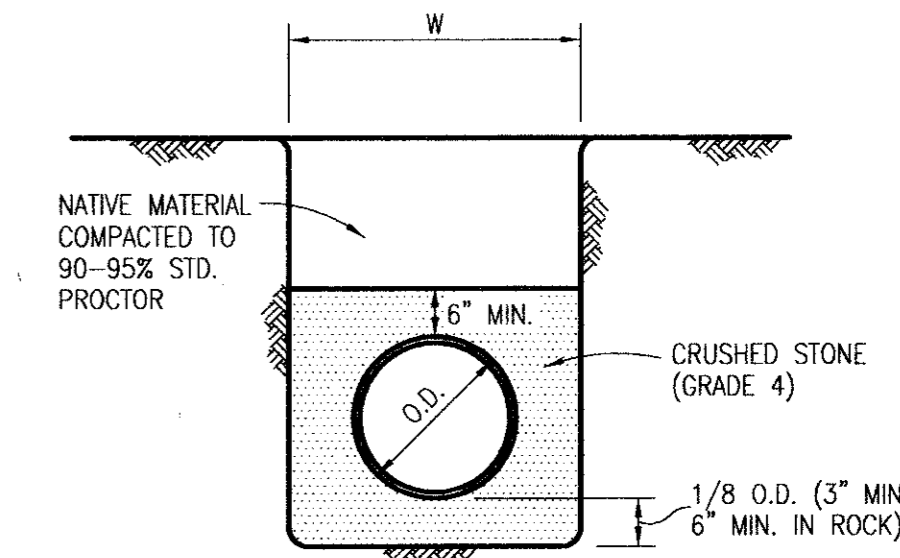
NO SCALE

- NOTES: 1. 4" TO 12" GATE VALVE SHALL BE IN ACCORDANCE WITH ANWA STANDARD C-509.
 2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WHOSE OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4" OF THE VALVE BOX COVER.
 3. ALL GATE VALVES SHALL BE: MUELLER OR WATEROUS



VALVE BOX WITH EXTENSION

NO SCALE



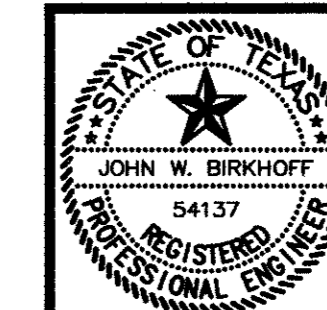
CLASS H EMBEDMENT

P.V.C. PIPE ONLY
STD. P.V.C. SEWER

These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea.

REVISED TO CONFORM TO CONSTRUCTION RECORDS BY JWB DATE 8/26/97

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
John W. Birkhoff
 DATE: 11/20/96



TOWN OF ADDISON, TEXAS

DETAIL SHEET

SHIMEK, JACOBS & FINKLEA
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: <u>J.W.B.</u>	PROJECT: <u>96104</u>	SHEET NO. <u>11</u>
DRAWN BY: <u>R.J.L.</u>	DATE: <u>NOV., 1996</u>	OF <u>12</u> SHEETS