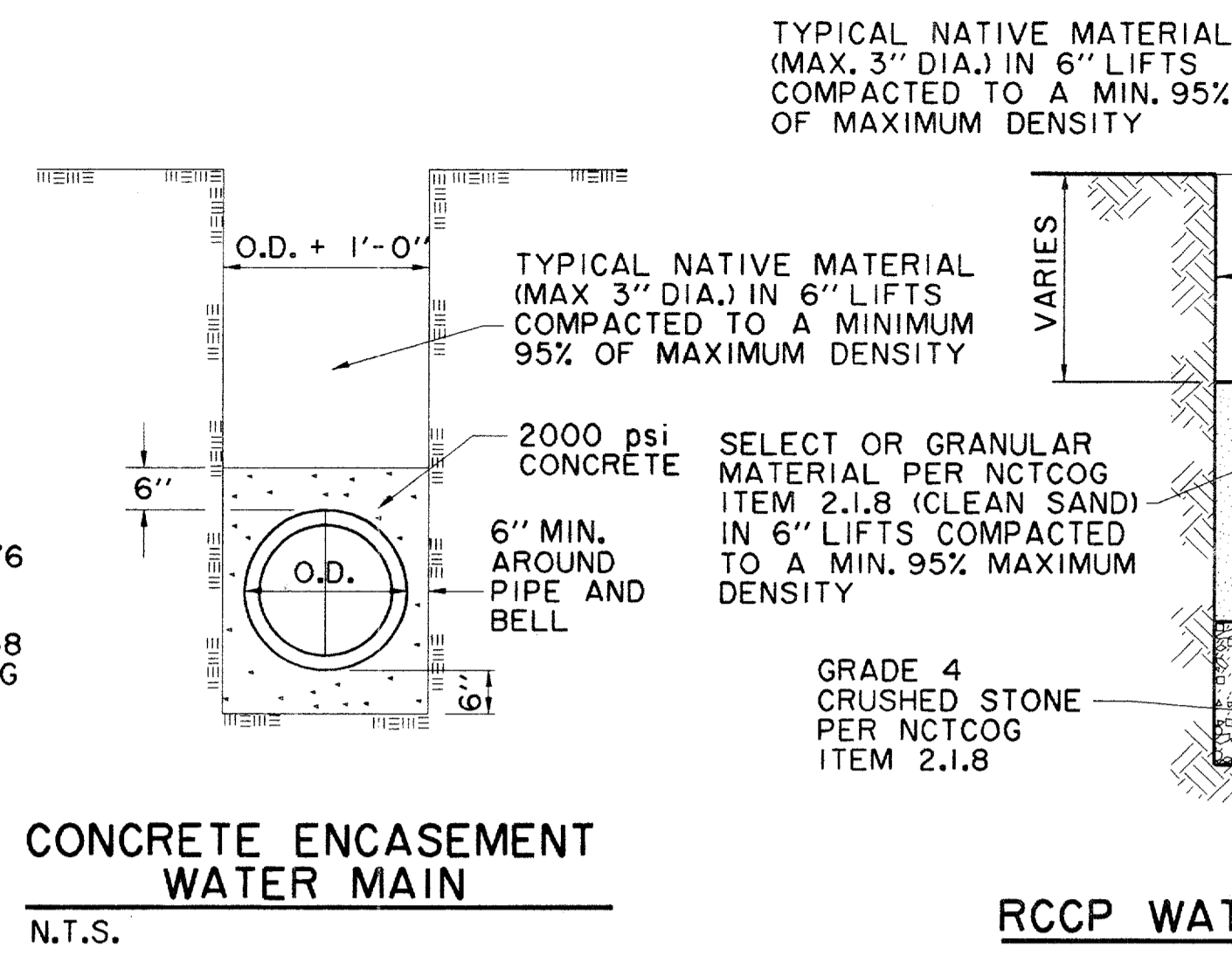


**NOTE:**

THE TAPPING SADDLE AND CORPORATION STOP MUST BE POLY-WRAPPED (8 MIL) AND HAND BACKFILLED WITH SAND TO A DEPTH OF 12". CAUTION!! INSPECTION MUST BE CALLED FOR AND COMPLETED PRIOR TO BACKFILL OR TAP MUST BE RE-EXPOSED BY THE CONTRACTOR FOR INSPECTION BY THE TOWN.

**TYPICAL WATER SERVICE DETAIL UP TO 2" METER**

N.T.S.



**CONCRETE ENCASEMENT WATER MAIN**

N.T.S.

**RCCP WATERLINE EMBEDMENT**

N.T.S.

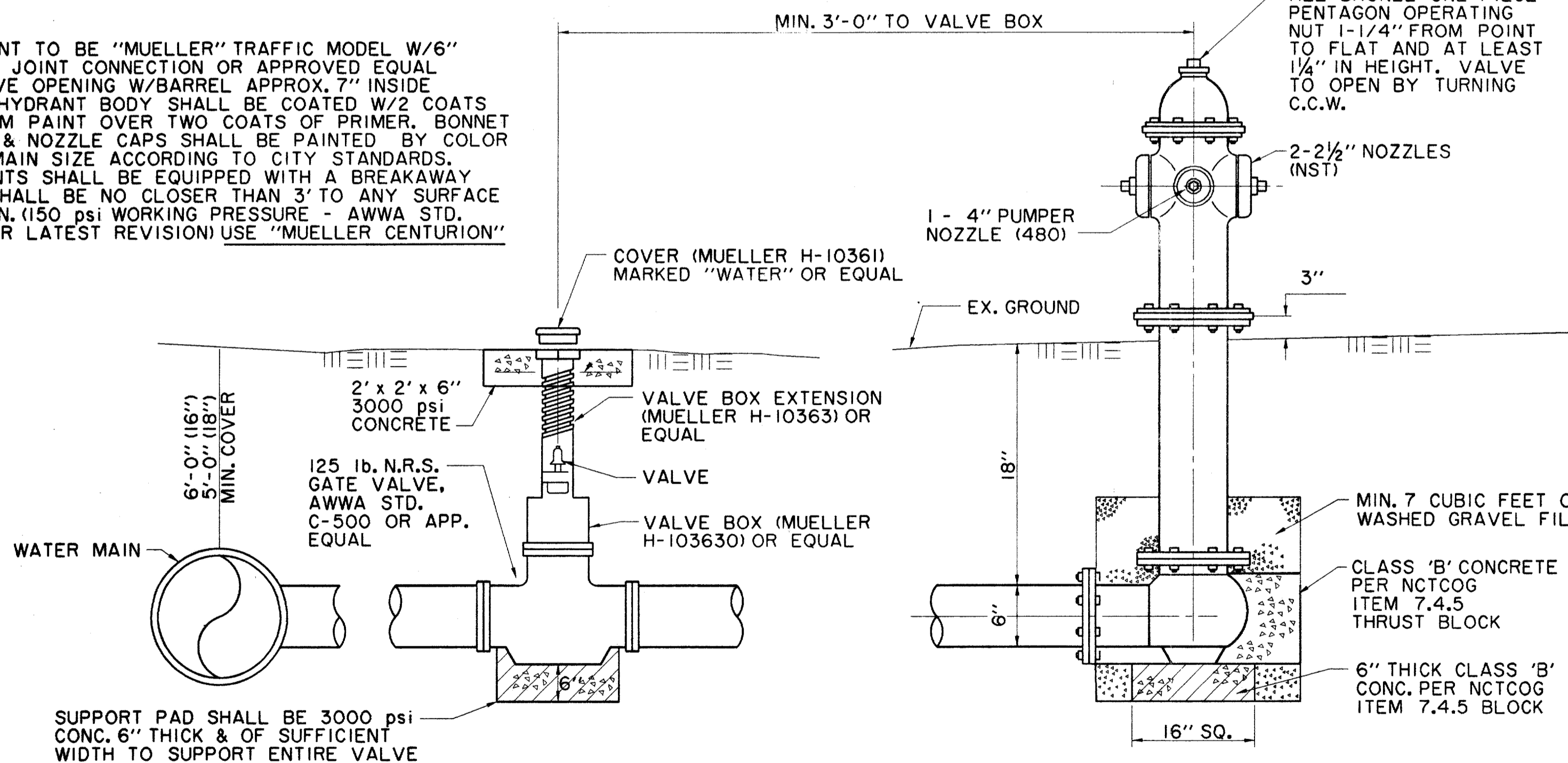
**C.I. OR D.I. PIPE**

N.T.S.

**P.V.C. EMBEDMENT**

N.T.S.

FIRE HYDRANT TO BE "MUELLER" TRAFFIC MODEL W/6" MECHANICAL JOINT CONNECTION OR APPROVED EQUAL W/5/8" VALVE OPENING W/BARREL APPROX. 7" INSIDE DIAMETER. HYDRANT BODY SHALL BE COATED W/2 COATS OF ALUMINUM PAINT OVER TWO COATS OF PRIMER. BONNET TO FLANGE & NOZZLE CAPS SHALL BE PAINTED BY COLOR CODE FOR MAIN SIZE ACCORDING TO CITY STANDARDS. ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE & SHALL BE NO CLOSER THAN 3' TO ANY SURFACE OBSTRUCTION. (150 PSI WORKING PRESSURE - AWWA STD. C-502-73 OR LATEST REVISION) USE "MUELLER CENTURION"



**VALVE BOX DETAIL**

N.T.S.

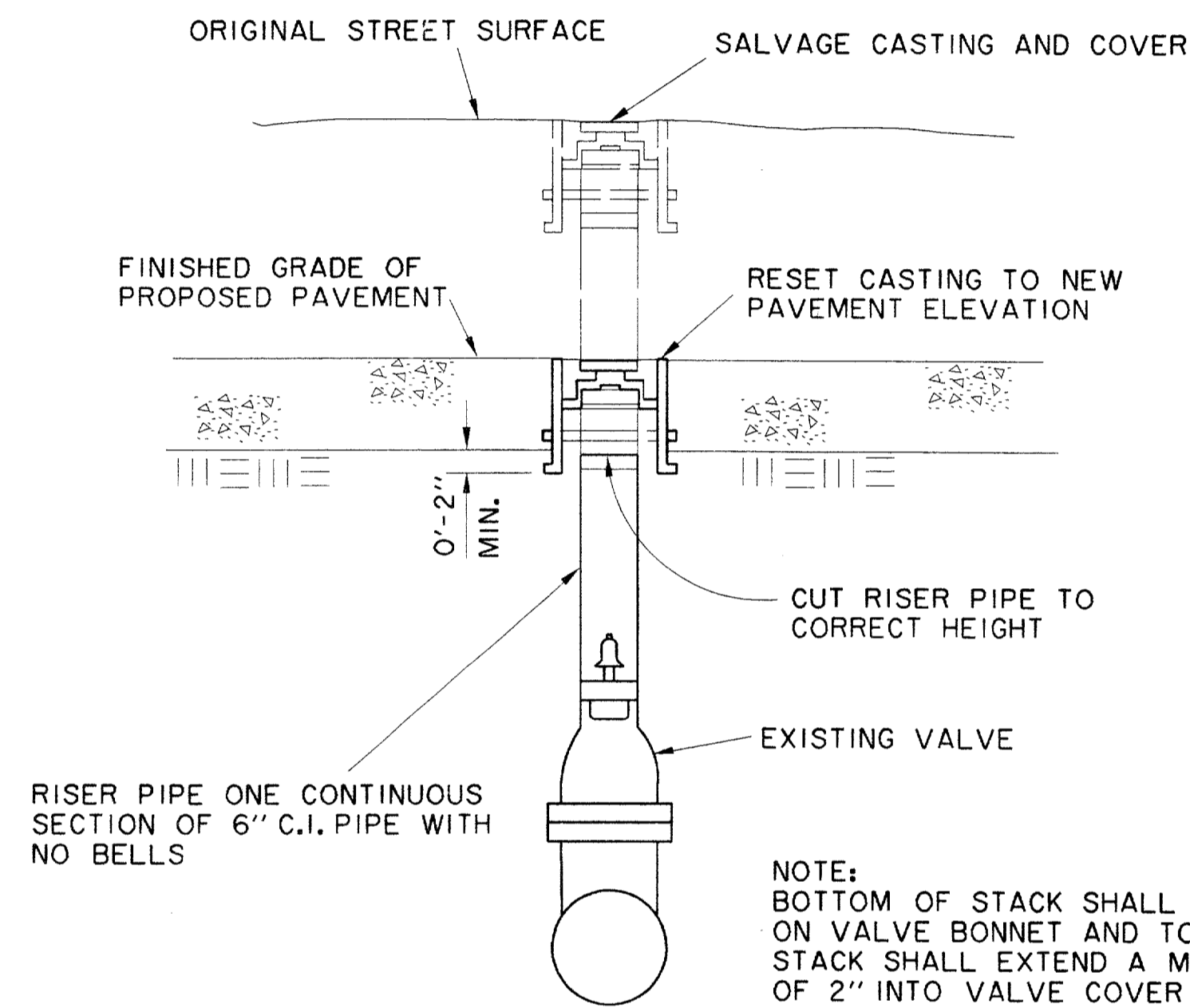
(SEE PLANS FOR "MAIN SIZE")

**TYPICAL FIRE HYDRANT INSTALLATION**

N.T.S.

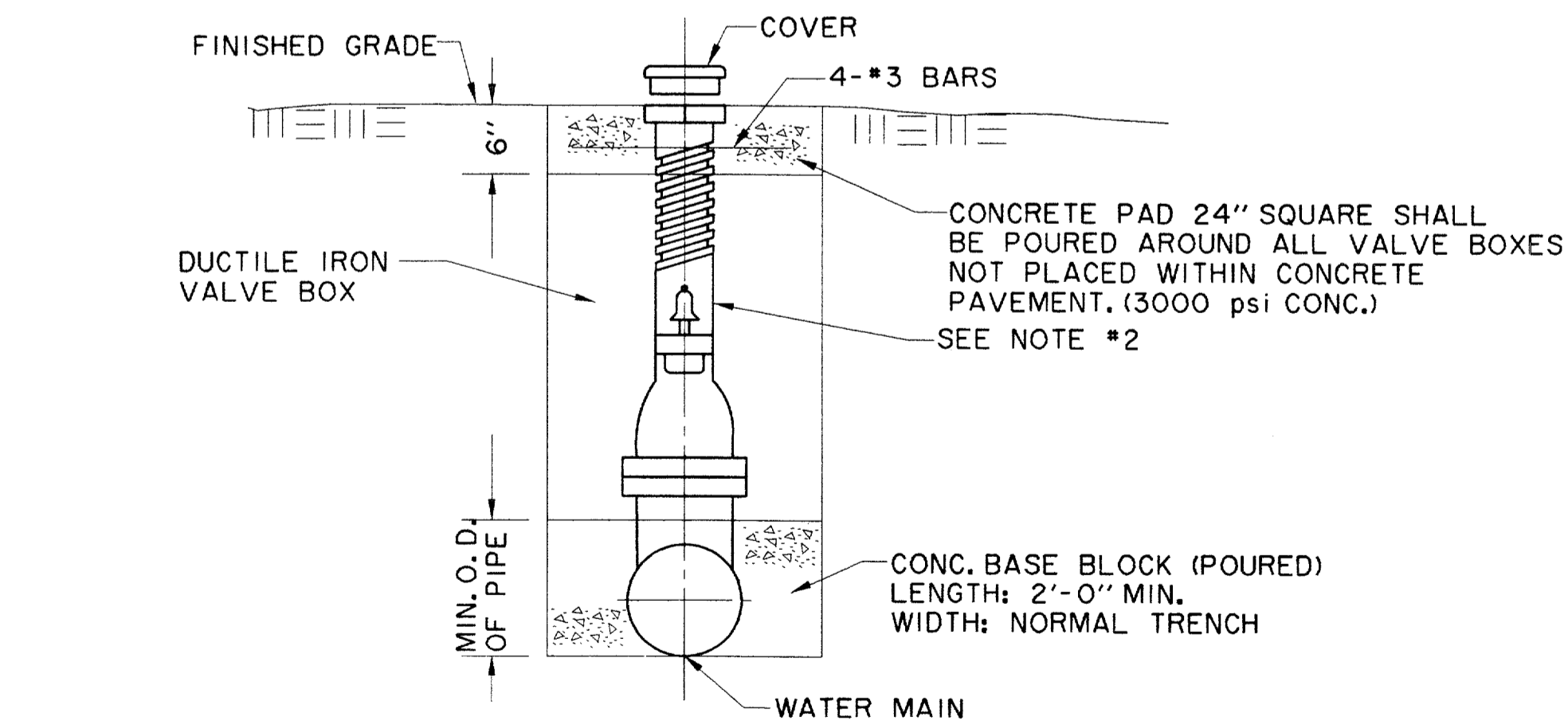
**GENERAL NOTES:**

1.  $\phi$  OF F.H. BARREL SHALL BE NOT LESS THAN 6.0' OR MORE THAN 9.0' FROM BACK OF CURB OR EDGE OF DRIVING LANE.
2. DO NOT SET F.H. IN AN EXISTING OR PROPOSED SIDEWALK, UNLESS OTHERWISE NOTED.
3. ALL F.H. TEES SHALL BE M.J. WITH ANCHORING ON THE BRANCH WITH M.J., M.J. 6" VALVE.
4. SET F.H. ON THE LOT LINE EXTENDED WHEN POSSIBLE. (NOT APPLICABLE TO THIS PROJECT)
5. SEE SPECIFICATION FH-95-1 FOR ADDITIONAL REQUIREMENTS.



**VALVE COVER AND RISER PIPE ADJUSTMENT**

N.T.S.



**TYPICAL VALVE SETTING AND BOX**

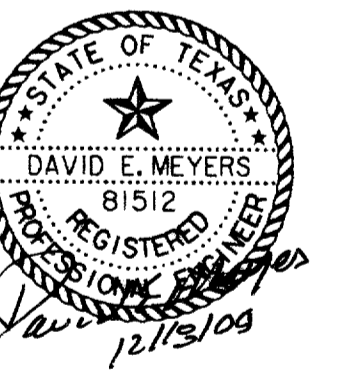
N.T.S.

**NOTES:**

1. GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-509-80 OR LATEST THEREOF. ALL VALVES SHALL BE "MUELLER" OR APPROVED EQUAL.
2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE ON WHICH THE 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 VALVE BOX LID. MANUFACTURED VALVE STACK DUCTILE IRON PIPE TO BE USED FOR EXTENSION GREATER THAN 4'-0". BELL END OF STACK TO BE FITTED OVER VALVE. VALVE AND VALVE STACK IS TO BE POLY WRAPPED.
3. VALVES SHALL BE OF DUCTILE IRON W/RUBBER ENCAPSULATED DISK. BOLTS SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH VALVE.

**RECORD DRAWING**

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID E. MEYERS, P.E. 81512



DATE	DESCRIPTION	REF. NO.
6/23/99	ISSUED FOR CONSTRUCTION	N/A
5/17/99	ISSUED FOR BID	N/A

**WATER DETAILS**

**ADDISON CIRCLE**

**PHASE II-B PUBLIC INFRASTRUCTURE**

**TOWN OF ADDISON, TEXAS**

HUFF - ZOLLERS, INC.  
3131 McKinney Ave., Suite 600, Dallas, TX 75204  
Phone: (214) 871-3311 Fax: (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	DEM	N.T.S.	MAR. 99	01-1822-50	<b>W6</b>