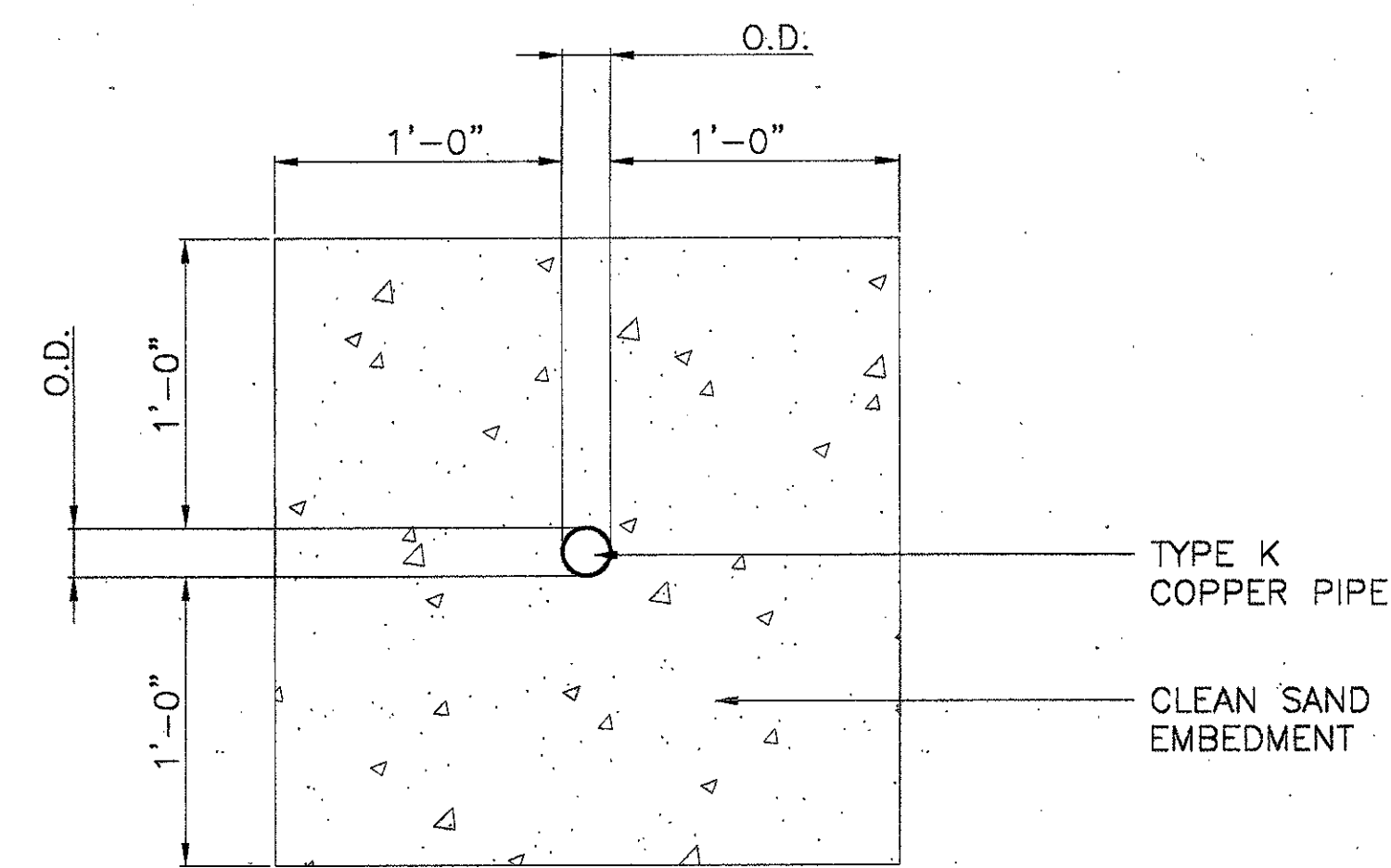
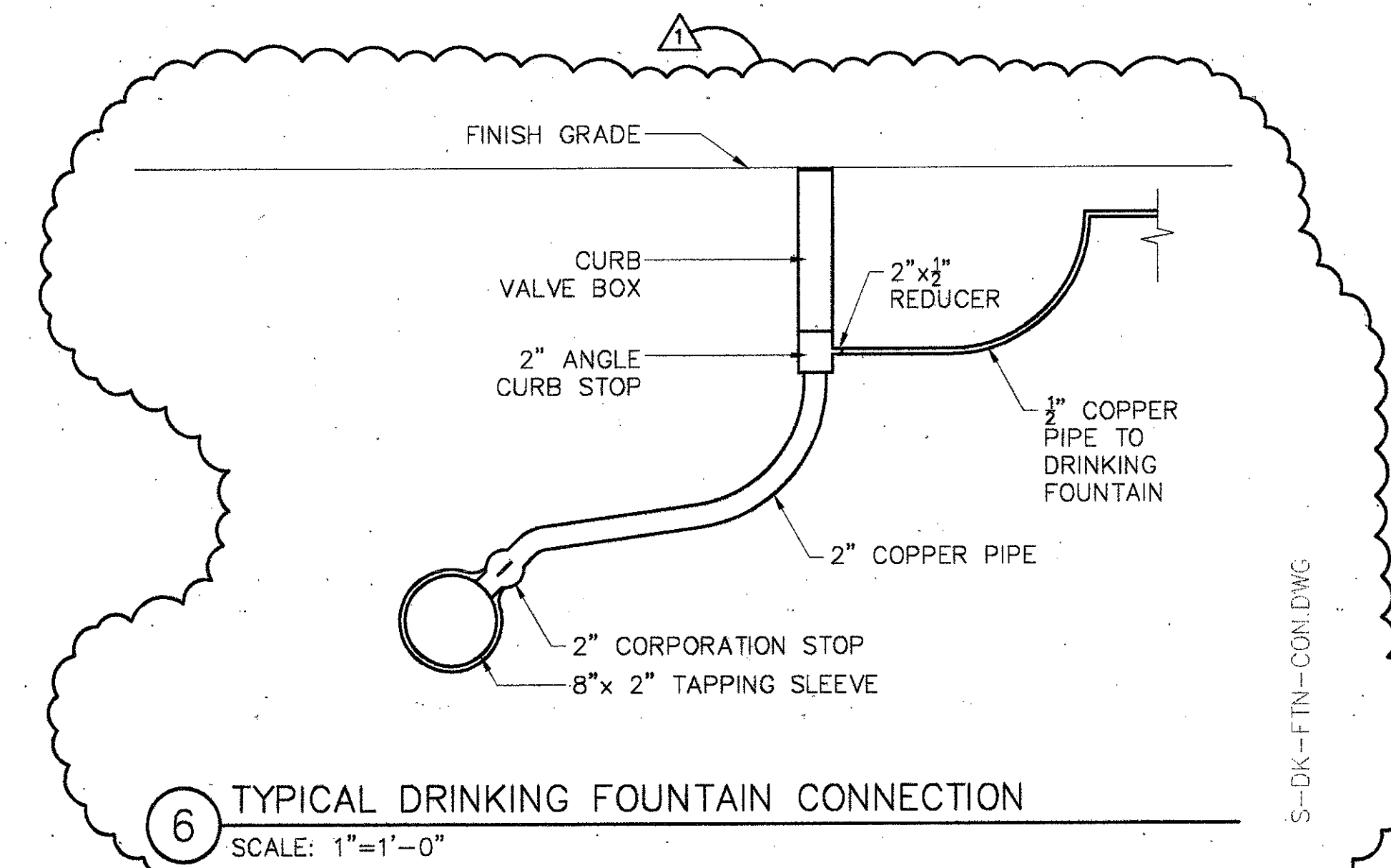


WATER NOTES:

- ALL WATER LINE CROSSINGS OF SANITARY SEWER LINES SHALL BE AS SHOWN IN THE PLANS AND MEET TNRC REQUIREMENTS.
- PIPES 12 INCHES IN DIAMETER SHALL BE C909 PVC. ALL D.I.P. FITTINGS SHALL BE WRAPPED WITH AN 8MM POLYETHYLENE LINER.
- ALL VALVES ON PIPE 12 INCHES AND SMALLER SHALL BE RESILIENT SEALED WEDGE VALVE (AWWA C509).
- EMBEDMENT SHALL BE AS SHOWN ON THE PLANS. BACKFILL WITHIN THE LIMITS OF EXISTING AND PROPOSED PAVEMENT SHALL BE COMPACTED TO 95% STANDARD PROCTOR. OUTSIDE PAVEMENT (EXISTING OR PROPOSED) SHALL BE COMPACTED TO MINIMUM OF 90% STANDARD PROCTOR. ALL COMPACTION SHALL BE BY MECHANICAL METHODS.
- WATER LINES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH NCTCOG ITEM 6.7.3.
- ALL HORIZONTAL AND VERTICAL BENDS SHALL BE BLOCKED AND RESTRAINING GLANDS SHALL BE ADDED TO ALL M.J.'S.
- AT WHERE GRANULAR MATERIAL IS USED FOR EMBEDMENT, IN UTILITY TRENCHED, A CLAY PLUG IS RECOMMEND AS A REPLACEMENT FOR THE GRANULAR EMBEDMENT, AT THE LOCATION WHERE THE CITY LINE IS LOCATED, AT THE LOCATION WHERE THE UTILITY ENTERS THE STRUCTURE AND AT OTHER CONNECTIONS. THE INTENT IS TO STOP ANY FREE MOISTURE FROM PASSING THROUGH THE GRANULAR EMBEDMENT AND ENTERING THE SOIL BENEATH THE STRUCTURE.



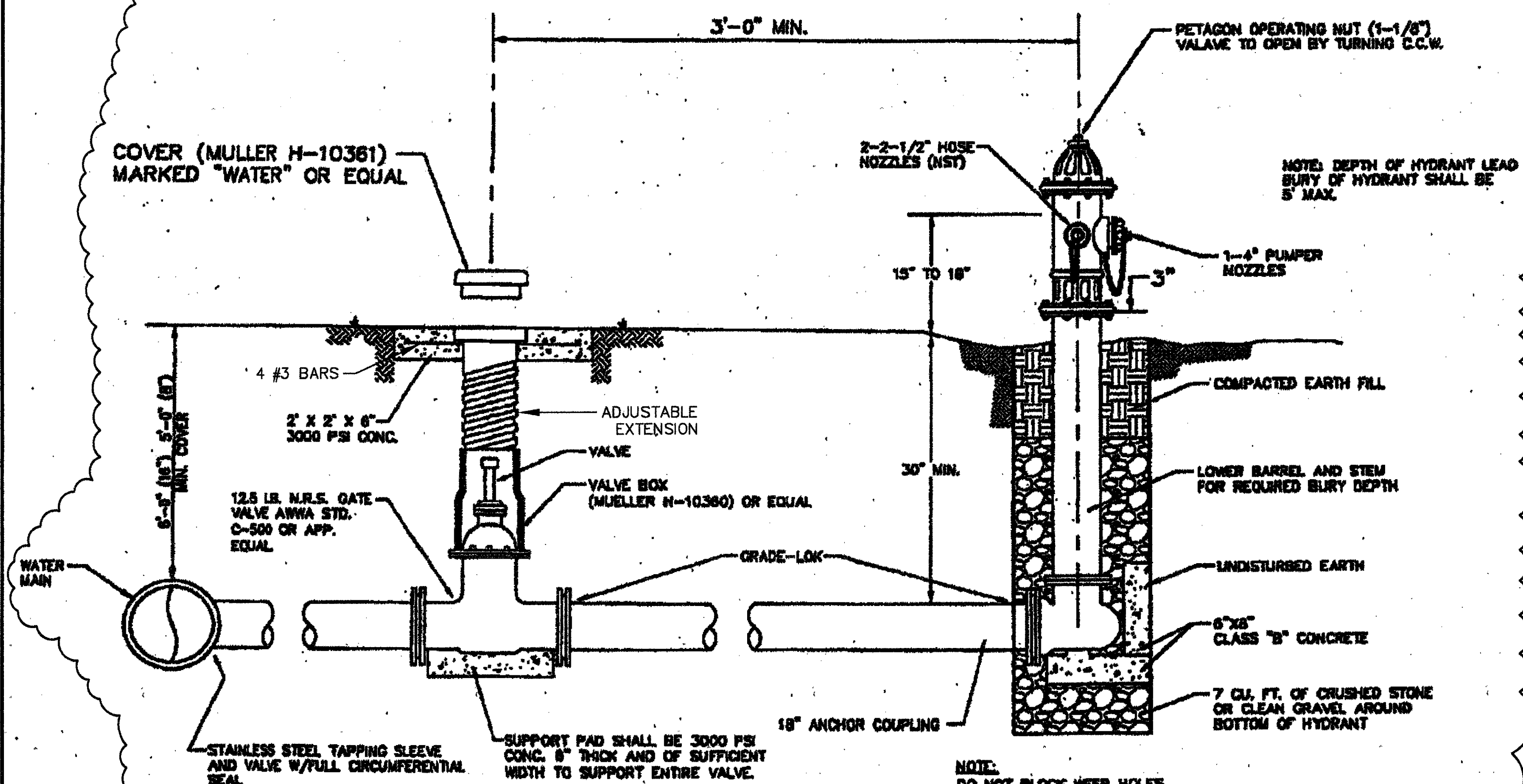
3 TYPICAL COPPER PIPE EMBEDMENT DETAIL
NTS



6 TYPICAL DRINKING FOUNTAIN CONNECTION
SCALE: 1"=1'-0"

WATER VALVE NOTES:

- 4" TO 12" GATE VALVE SHALL BE RESILIENT SEALED WEDGE GATE VALVES IN ACCORDANCE WITH AWWA STANDARD C-509.
- VALVE BOXES SHALL BE CAST IRON AND SHALL BE OF SUFFICIENT LENGTH AND DIAMETER TO OPERATE ALL VALVES BURIED IN THE GROUND. COVERS SHALL BE MARKED "WATER". THE BOXES SHALL REST ON THE VALVE AND BE ADJUSTED SO THAT THE COVER MAY BE SET FLUSH WITH THE FINISHED GRADE.
- VALVE SHALL BE OF DUCTILE IRON WITH RUBBER ENCAPSULATED DISK. BODY BOLT SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH VALVE.
- ALL VALVES SHALL BE "MUELLER" OR APPROVED EQUAL.

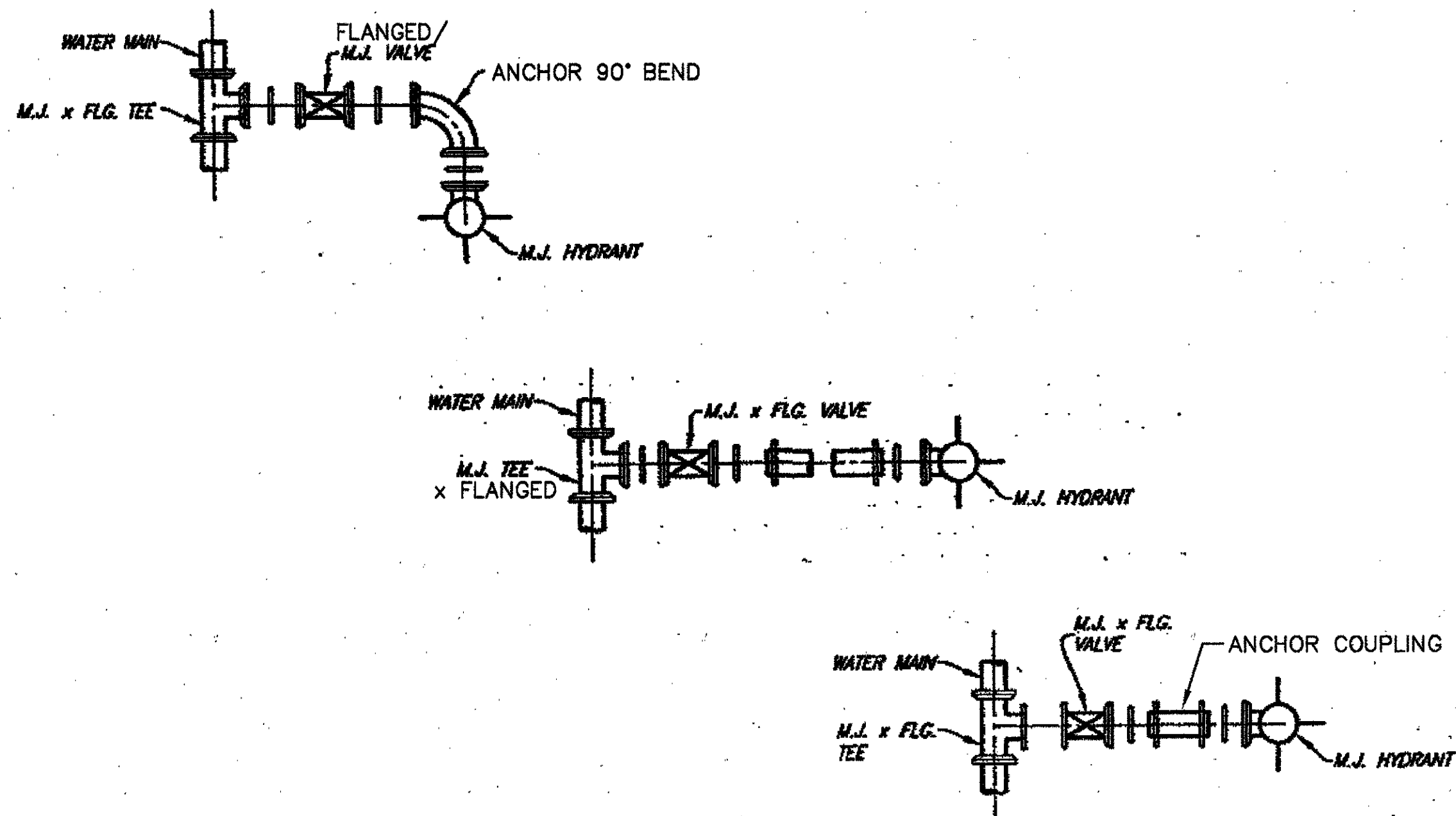


4 VALVE BOX DETAIL
N.T.S.

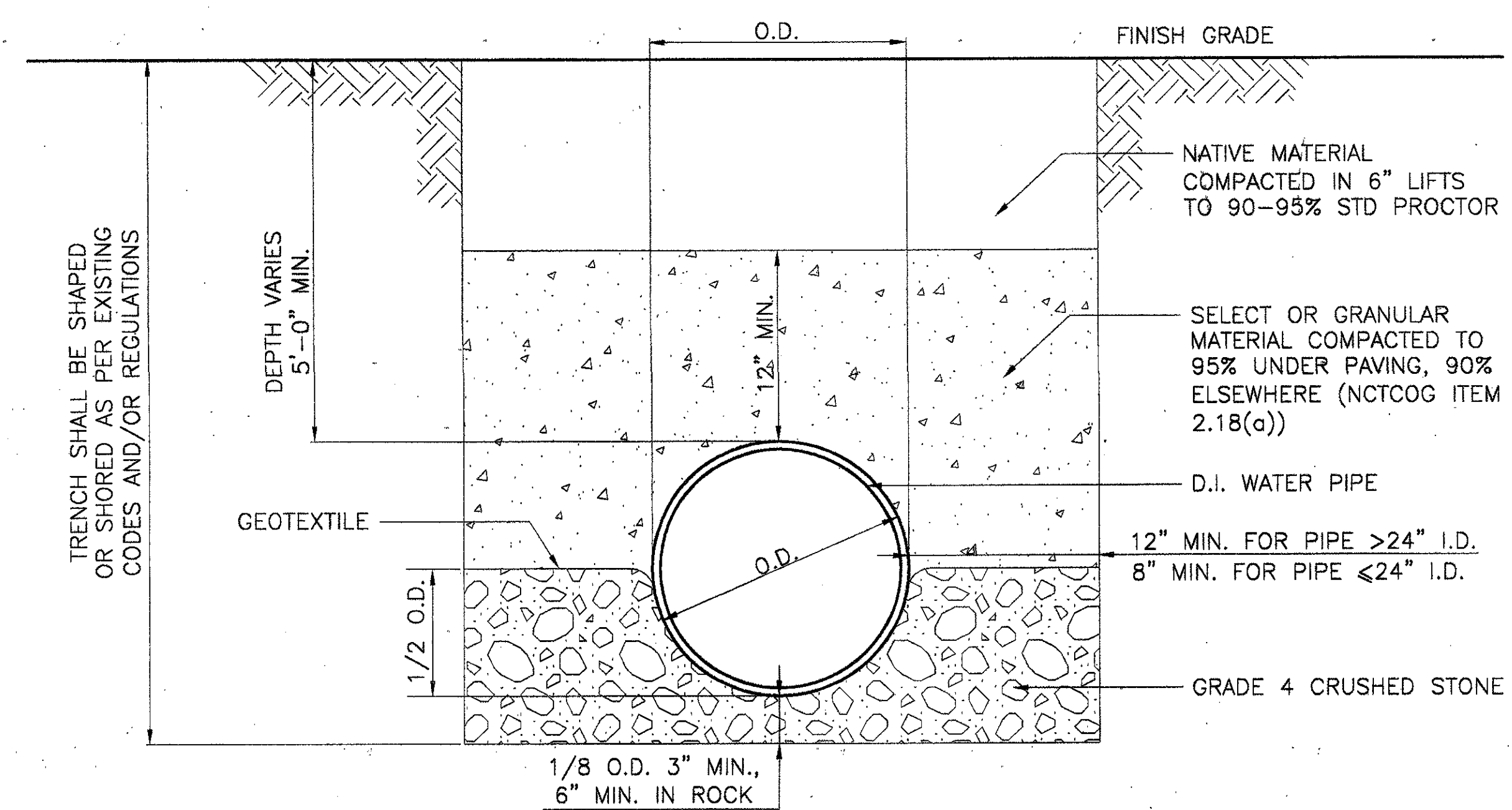
5 FIRE HYDRANT INSTALLATION
N.T.S.

FIRE HYDRANT NOTES:

- THE MUELLER "CENTURIAN" OR EQUAL.
- ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARD SPECIFICATIONS FOR FIRE HYDRANTS, FOR ORDINARY WATER WORKS SERVICE, FOR WATER AND SANITARY SEWER IMPROVEMENTS. FIRE HYDRANTS SHALL HAVE A BARREL APPROXIMATELY 7" INSIDE DIAMETER. ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE. ALL HYDRANTS SHALL BE APPROVED BY THE CITY.

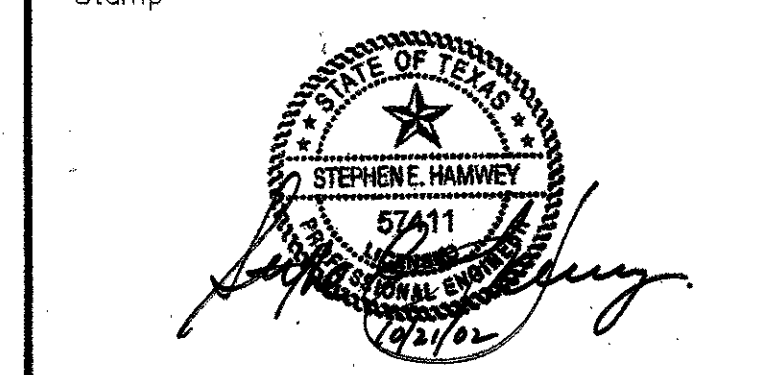


1 TYPICAL WATER/SEWER CROSSING
N.T.S.



2 WATER PIPE TRENCH (CLASS B+ EMBEDMENT FOR PVC PIPE)
NTS

ADDENDUM #2	10-21-02
ISSUED FOR CONSTRUCTION	09-30-02
No. Description	Date
DWG ISSUE & REVISION HISTORY	



Project Title:
ADDISON ARTS & EVENTS DISTRICT
ADDISON, TEXAS

Drawing Title:
SITE DETAILS
WATER

Project No. 14516.00 Scale: AS NOTED
Drawn By: SJM
Checked By: TC
Approved By: SEH
Date: September 30, 2002

Drawing No. **C8-4**