



NOTES:

1. FOR EXCAVATION AND BACKFILL AROUND MANHOLES, APPURTENANCES, OR IN WATER, REFER TO PROVISIONS WITHIN THE SPECIFICATIONS.
2. FOR PVC PIPE NEW 3/4-INCH MAX SIZE PIPE BEDDING MATERIAL IS REQUIRED. EXISTING SELECT BACKFILL MATERIAL MAY BE SEGREGATED WITH ANY ROCKS LARGER THAN 2-INCHES REMOVED AND PLACED INTO THE TRENCH IF APPROVED BY THE ENGINEER.
3. WHERE REQUIRED, SHEETING AND SHORING SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
4. WHERE UNSTABLE SOILS ARE ENCOUNTERED, INCLUDING PEAT, MUCK OR OTHER ORGANIC SOILS, ELASTIC SILT AND CLAYS BELOW THE WATER TABLE, A FOUNDATION IS REQUIRED. COMPACTED TO AT LEAST 90% OF MAX. DENSITY, 6" LIFTS PER AASHTO SPEC. No. T-180. FOUNDATION MATERIAL SHALL BE SELECT BACKFILL MATERIAL, 2" MAXIMUM SIZE IN 6" LIFTS. EXTEND EXCAVATION AT LEAST 2' DEEPER FOR FOUNDATION UNLESS SUITABLE MATERIAL IS FOUND AT A LESSER DEPTH. GREATER DEPTHS MAY BE REQUIRED FOR EXTREMELY POOR CONDITIONS.
5. POLYETHYLENE ENCASEMENT OF CAST IRON VALVES, PIPE AND FITTINGS, IF REQUIRED BY THE DEPARTMENT, SHALL BE PER ANSI/AWWA C105/A21.5, METHOD A, B OR C FOR TYPE I CLASS C TUBE, MIN. 8 MILS THICK.
6. NO COMPACTION IS REQUIRED BELOW THE WATER TABLE.

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STANDARD DETAIL
**TYPICAL TRENCH BACKFILL
 FOR PVC WATER
 AND FORCE MAIN**

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1.9
 SHEET 2 OF 2