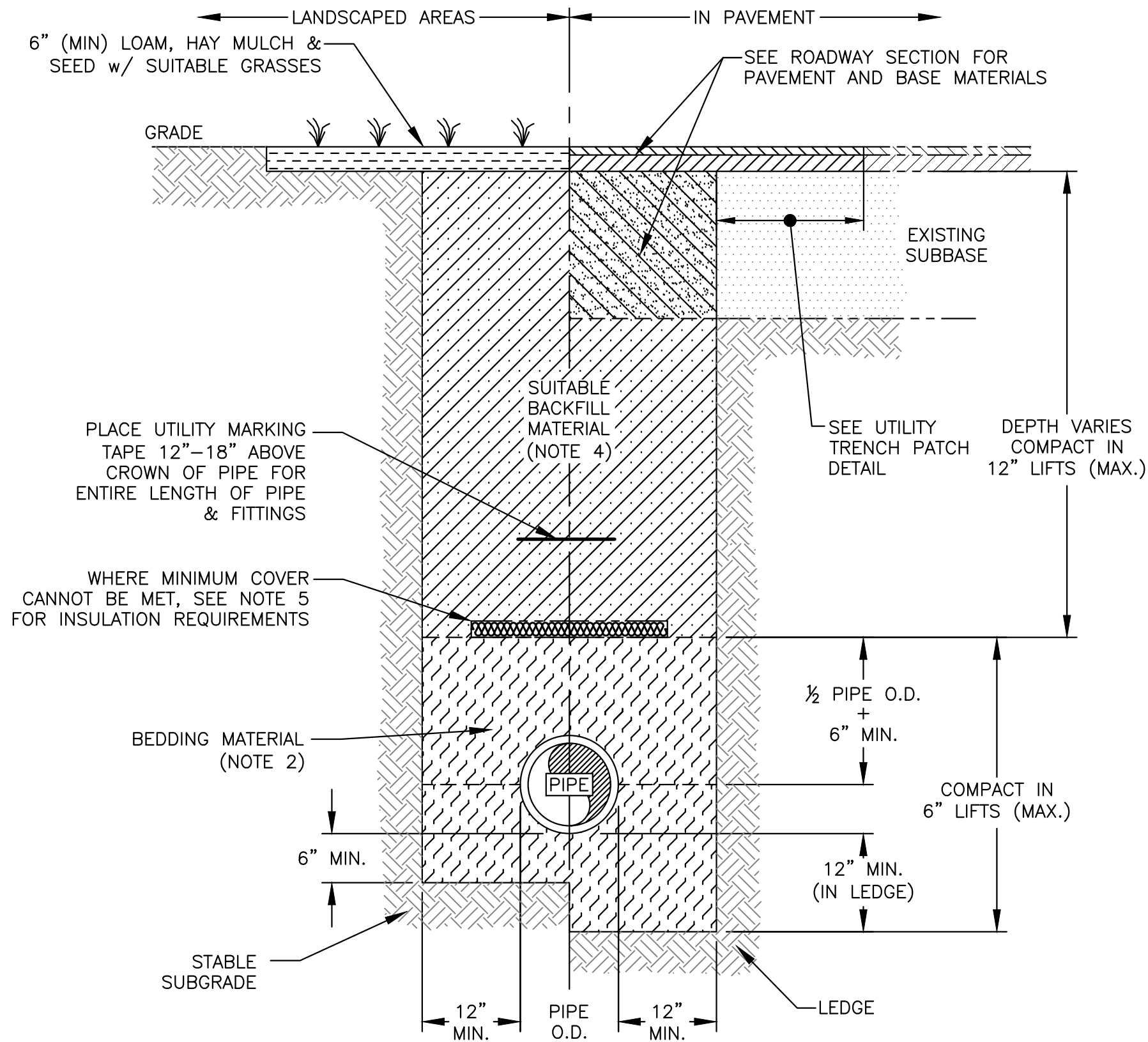




WATER MAIN
SCALE: N.T.S

NOTES:

1. WATER MAIN PIPE AND FITTINGS SHALL BE DUCTILE IRON CLASS 52 PIPE UNLESS OTHERWISE NOTED.
2. PIPE BEDDING SHALL BE SAND (NHDOT 304.1).
3. SUITABLE MATERIAL FOR TRENCH BACKFILL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER, TOP SOIL, MUCK, PEAT OR CLAY, EXCAVATED LEDGE MATERIAL, AND ANY OTHER ROCKS OVER SIX INCHES IN LARGEST DIMENSION, OR ANY MATERIALS DEEMED TO BE UNACCEPTABLE BY THE ENGINEER.
4. DEPTH OF COVER SHALL BE 5' MIN. & 7' MAX.
5. WHEN LESS THAN 5' OF COVER IS PROVIDED, 2" RIGID FOAM INSULATION SHALL BE PLACED ON TOP OF BEDDING MATERIAL. BEDDING MATERIAL SHALL BE MADE SMOOTH TO ALLOW FOAM BOARD TO SIT WITHOUT VOIDS BENEATH. FOAM SHALL BE INSTALLED THE FULL WIDTH OF THE TRENCH, NOT TO EXCEED 4' WIDE.
6. DUCTILE IRON WATER MAIN SHALL BE POLY WRAPPED AND HAVE THREE BRASS WEDGES (FOR CONTINUITY AND TRACING) AT ALL NON MECHANICAL CONNECTIONS.

REFERENCES:

CITY OF
PORTSMOUTH
STANDARD
TECHNICAL
SPECIFICATIONS

DEPARTMENT OF
PUBLIC WORKS
CITY OF PORTSMOUTH, NH
680 PEVERLY HILL ROAD
603-427-1530



DATE:	05/09/2025
SCALE:	NONE
PROJ. NO.:	N/A
APVD BY:	PHR

CITY OF PORTSMOUTH
STANDARD DETAILS

WATER MAIN

PROJECT:

SHEET:

W-001