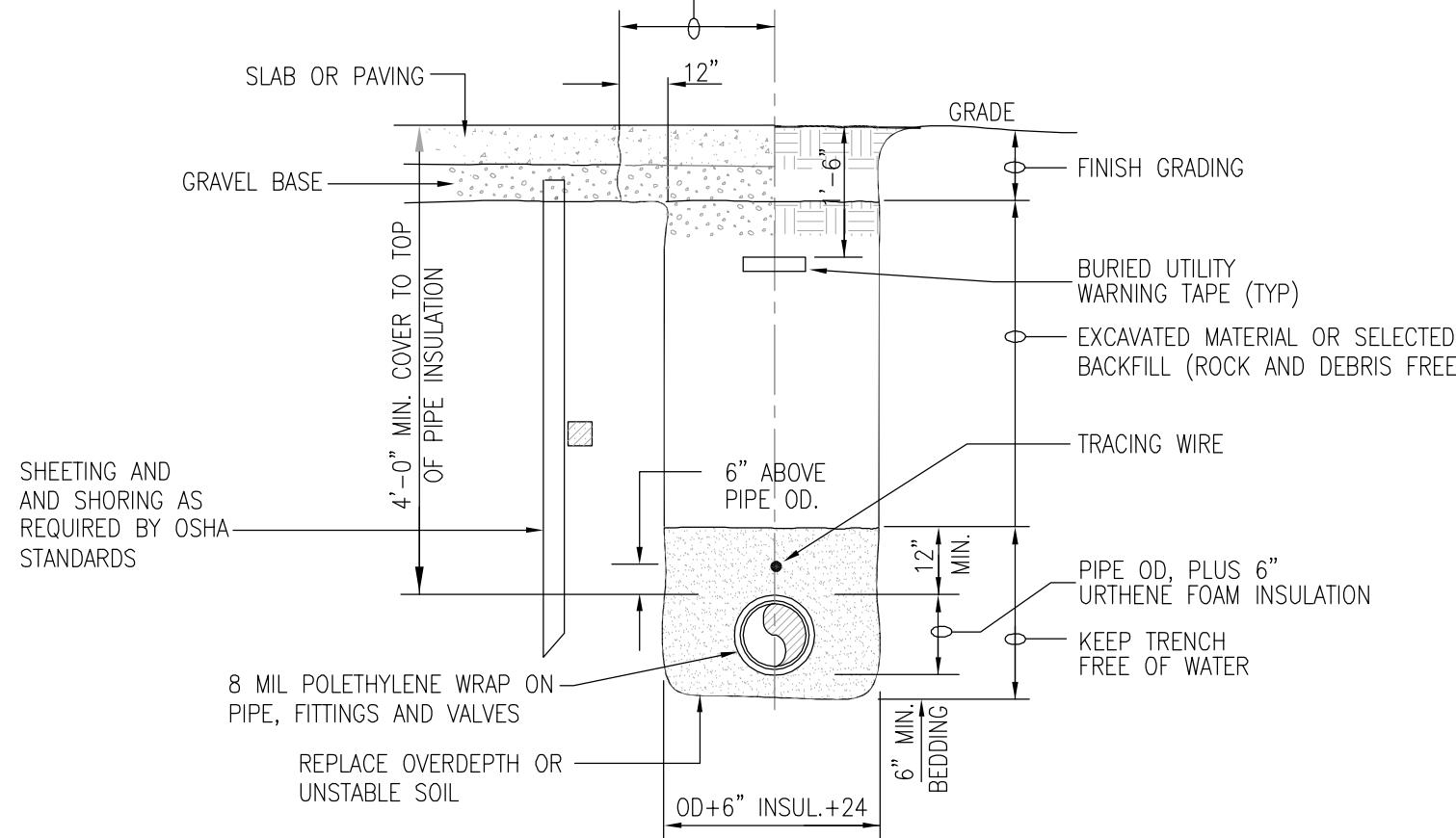


REPLACE PAVING TO MATCH  
EXISTING -  
SEE ROAD TIE-IN DETAIL

1  
H210



## WATER MAIN TRENCH

3" AND LARGER

5  
W114

### NOTES

1. PIPE BEDDING MATERIAL AND INSTALLATION PROCEDURES SHALL BE AS SPECIFIED BY THE DIRECT BURY PIPE MANUFACTURER.
2. USE EXCAVATED NATIVE SOIL MATERIAL FOR BACKFILL IF IT COMPLYS WITH THE REQIREMENTS OF ALASKA DOT SECTION 204 - 2.01 TYPE C.
3. FOR NON-PAVING AREAS, BACKFILL MATERIAL ABOVE THE PIPE BEDDING MATERIAL SHALL COMPLY WITH ALASKA DOT SECTION 204 - 2.01 TYPE C.
4. FOR PAVING - SIDEWALK AREAS BACKFILL MATERIAL SHALL COMPLY WITH ALASKA DOT SECTION 204 - 2.01 TYPE A, ABOVE PIPE/INSULATION AND BEDDING.
5. BACKFILL BEDDING SHALL COMPLY WITH ALASKA DOT SECTION 204 - 2.01 TYPE C.
6. BACKFILL COMPACTION SHALL COMPLY WITH ALASKA DOT SECTION 301 - 3.03. MOISTURE/DENSITY RELATIONS OF SOILS SHALL BE CALCULATED IN ACCORDANCE WITH AASHTO T 99 OR T 180.
7. PIPE SHALL BE PER DOYON UTILITIES STANDARDS.
8. THERMAL INSULATION SHALL BE PER DOYON UTILITIES STANDARDS.
9. SHEETING AND SHORING SHALL BE PER OSHA STANDARDS.
10. WHERE WATERMAINS APPROACH WITHIN 10 FEET OF HORIZONTAL CLEARANCE AND ARE BELOW OR LESS THAN 3 FEET ABOVE EXISTING SANITARY OR STORM SEWERS ENCASE THE SANITARY AND STORM SEWER WITH A JACKET OF CLASS A CONCRETE 3 INCHES THICK FOR 10 FEET ON EACH SIDE OF THE CROSSING.
11. CONCRETE ENCASEMENT IS NOT REQUIRED IF EXISTING SANITARY OR STORM SEWERS ARE DUCTILE IRON PIPE WITH JOINTS AT LEAST 8 FEET FROM THE WATER MAIN, OR IF REPLACEMENT OF EXISTING SANITARY OR STORM SEWER WITH DUCTILE IRON PIPE.



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Date: 14 FEB 2010  
Scale: NONE  
Designed By: CDH  
Drawn By: MMC  
Checked By: NEM

DIRECT BURIED WATER DISTRIBUTION SYSTEM  
WATER PIPING TRENCH DETAIL  
DESIGN & CONSTRUCTION STANDARDS

Drawing No.  
UES-DD-W114