

NOTES:

1. All street openings will require a permit prior to excavation. Contractors must be bonded with the City prior to working in the right-of-way.
2. One lane of traffic must be maintained at all times. Street closures will not be authorized unless approved by the City Engineer.
3. Proper street signage is required on all projects as per the M.U.T.C.D. Flaggers must have cards stating that they are qualified flaggers.
4. Contractor shall notify all utilities in the area by giving a minimum 48-hour notice by calling 1-800-424-5555, a one number call system, before excavation begins.
5. Contractor shall notify City Engineering Department a minimum of 24 hours before start of work.
6. Maximum trench length that may be opened at one time is 300 feet.
9. Surface smoothness shall conform to APWA/WSDOT Section 5-04.3(13).
10. Native or import backfill shall be in accordance with WSDOT Standard Spec. 9-03.15.
11. Trench backfill shall be gravel backfill in accordance with WSDOT Standard Spec. 9-03.19 and shall meet the following specifications for grading:

Sieve	Percent Passing
2 1/2" square	100
2" square	75-100
U.S. No. 4	22-100
U.S. No. 200	0-10
Dust Ratio:	2/3 max.
Sand Equivalent	30 min.

All percentages are by weight.

12. Gravel bedding for pipe zone bedding shall be in accordance with WSDOT Standard Spec. 9-03.12(3) and shall have such shall be the following grading:

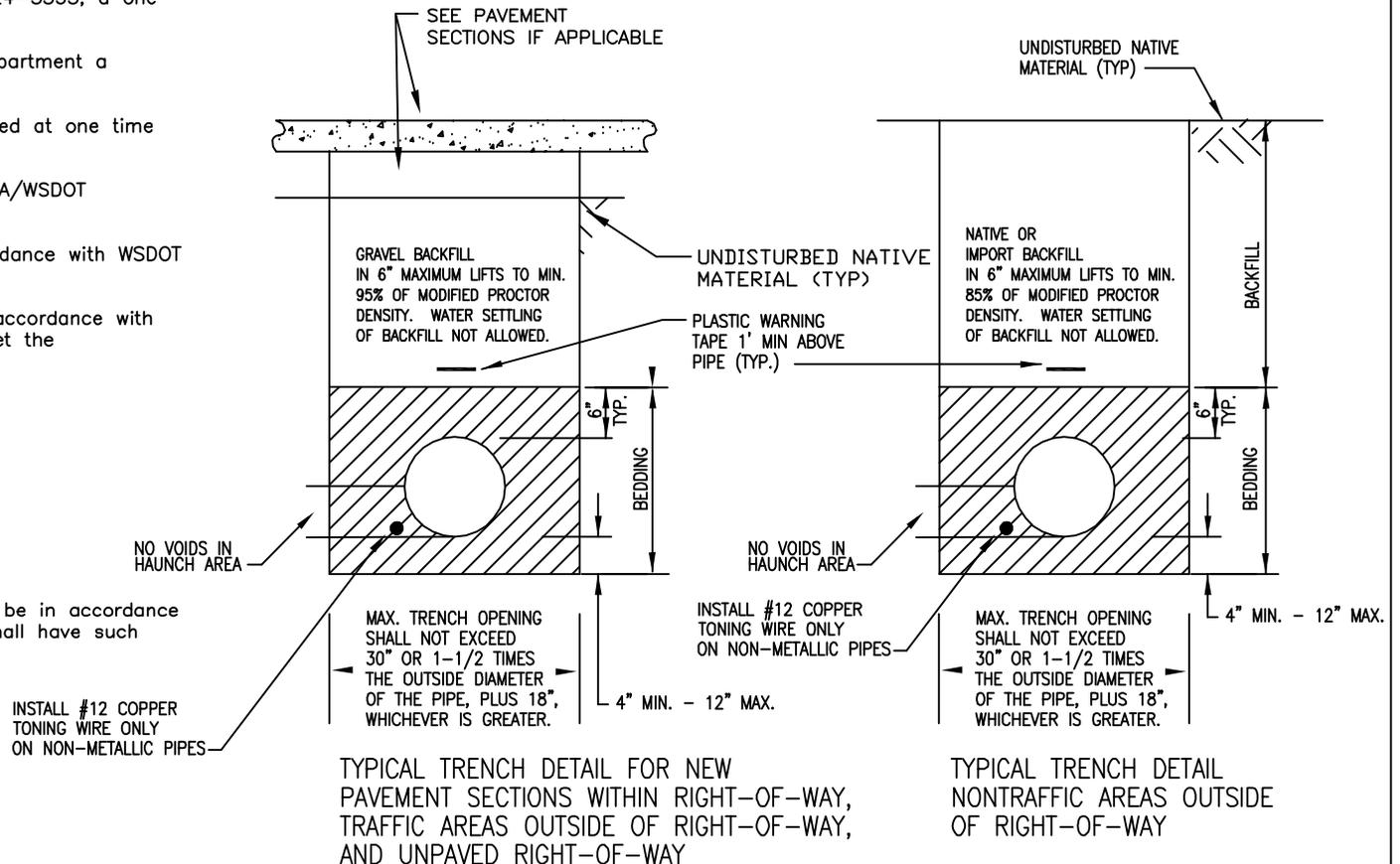
Sieve	Percent Passing
1 1/2" square	100
1" square	75-100
5/8" square	50-100
U.S. No. 4	20-80
U.S. No. 40	3-24
U.S. No. 200	10.0 max.
Sand Equivalent	35 min.

All percentages are by weight.

13. Bedding and backfill placement shall be in accordance with WSDOT Standard Spec. 7-08.3(3).

notes continued:

14. All material excavated in a City street section shall be exported and new backfill imported in. Pea gravel shall not be used for backfill without prior approval of the City Engineer.



City of
Oak Harbor
ENGINEERING DEPARTMENT
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TYPICAL UTILITY TRENCH
STANDARD DETAIL