



SHALLOW TRENCH SERVICE

- NOTES:
1. Pipe and fittings shall be compatible.
Only manufactured fittings shall be used.
 2. Minimum depth at right of way or easement line shall be 4'.
 3. Marker posts and blocking shall be treated wood.
Post shall be 2"x4" fir. Post to extend 12" minimum above finish grade and exposed area shall be painted green.
 4. When required, a cleanout shall be installed where directed.
 5. Lay building sewer at max. 45° from horizontal to achieve required depth at property line when minimum slope results in excessive depth.
 6. For bedding and backfill see Std. Dwg. RD300.
 7. See Std. Dwg. RD336 for tracer wire details.



DEEP TRENCH SERVICE



WASTEWATER SERVICE TAP

- NOTES:
1. Seat tee in place to fit outside surface of carrier pipe and to form watertight seal.
 2. Type of tapping tee shall be watertight and conform to standard specification requirements.
 3. Tapping tee shall not protrude into pipe except as approved by the engineer.
 4. For bedding and backfill, see Std. Dwg. RD300.
 5. See Std. Dwg. RD336 for tracer wire details.

- NOTES:
1. Pipe and fittings shall be compatible. Only manufactured fittings shall be used.
 2. For details not shown see shallow trench service connection drawing.
 3. Vertical trench walls are required. If it is not possible to maintain vertical trench walls, use alternate connection method to maintain 6" maximum distance between riser pipe and trench walls. Replace all excavated or disturbed material with full depth granular backfill compacted to 95% relative density.
 4. Where deep connection is at an angle less than 45° from vertical, ductile iron pipe and fittings should be used.
 5. For bedding and backfill, see Std. Dwg. RD300.
 6. See Std. Dwg. RD336 for tracer wire details.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS SHALLOW/DEEP TRENCH SERVICE CONNECTION, BLOCKING AND MARKERS 2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO. <u> N/A </u>		SDR DATE <u>21-JUL-2015</u>	RD310