

NOTE: NO VERTICAL OR HORIZONTAL BENDS GREATER THAN 22-1/2° WITHIN RIGHT-OF-WAY OR PUBLIC UTILITY EASEMENT.

NOTE: PER ORS 92.044(7), SERVICE LINES MUST BE SET 1' MINIMUM CLEAR FROM ANY SURVEY MONUMENT

NOTES:

1. MIN. 18" SEPARATION BETWEEN ADJACENT LATERALS.
2. ONE FULL LENGTH (18') OF C-900 PVC PIPE (DR 18) REQUIRED FOR ALL SEWER LATERALS WHICH CROSS UNDER WATER LINES WITH LESS THAN 5.75 FEET MINIMUM COVER TO FINISH GRADE OR LESS THAN 18" MINIMUM VERTICAL CLEARANCE BETWEEN WATER LINE AND SERVICE LATERAL.
3. SERVICE SHALL NOT BE BACKFILLED PRIOR TO INSPECTION BY PUBLIC WORKS.
4. INSTALL A CONTINUOUS 12 GAUGE GREEN INSULATED TRACER WIRE FROM MAINLINE WIRE TO END OF LATERAL.

PRESSURE TREATED 2" X 4" WIRED TO INVERT AND EXTENDING ABOVE FINISH GRADE. STAKE SHALL BE CONTINUOUS AND REMAIN VERTICAL AFTER BACKFILLING. END SHALL BE PAINTED & LABELED (WHITE FOR SEWER) (GREEN FOR STORM), AND LABELED WITH DEPTH TO PIPE. EXTEND TONING WIRE TO SURFACE.

STAMP 2" TALL "S" OR "D" IN TOP OF CURB & GUTTER PAN AT POINT OF CROSSING.

PROPERTY LINE
CLEANOUT
SEE DETAIL 416

EASEMENT LINE
OR
P/L PUE

FOR SEWER LATERALS (SEE NOTE 2)
5.75" TYP. COVER W/WATERLINE
48" MIN. COVER W/NO WATERLINE

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| LAST REVISION DATE: MAR 2008 | | COPYRIGHT 1996 WESTECH ENGINEERING, INC | |
| SEWER AND STORM SERVICE LATERALS | | | |
| (NTS) | | | |
| JUNCTION CITY, OR | | DETAIL NO. 415 | |

TYPICAL, SHALLOW MAINS

TYPICAL, DEEP MAINS

LATERALS SHALL BE LAID AT 90° TO RIGHT-OF-WAY OR EASEMENT LINE UNLESS OTHERWISE SHOWN ON PLANS.

SPLICE WITH WATERPROOF WIRE NUT (TYP ALL SERVICES)

3" MIN. 3/4"-0" BEDDING

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MINIMUM SLOPE 1/4" PER FOOT (2%)

3" MIN. 3/4"-0" BEDDING

3" MIN. 3/4"-0" BEDDING

SEWER OR STORM MAIN
22 1/2" STREET BEND

SEWER/STORM LATERAL
3034 PVC, SDR 35

TONER WIRE

UNDERGROUND WARNING TAPE
"WARNING, SEWER LINE BELOW" OR
"WARNING, STORM DRAIN BELOW"
AS APPLICABLE

22 1/2" MAXIMUM BEND

MAINTAIN STRAIGHT GRADE FROM MAINLINE TO CLEANOUT (TYP)

MANUFACTURED TEE-WYES FOR 8-INCH MAINLINES & STANDARD TEES FOR 10-INCH & LARGER MAINLINES.

SEE DETAIL 418 OR 419 FOR CONNECTION TO EXISTING MAINLINES.

