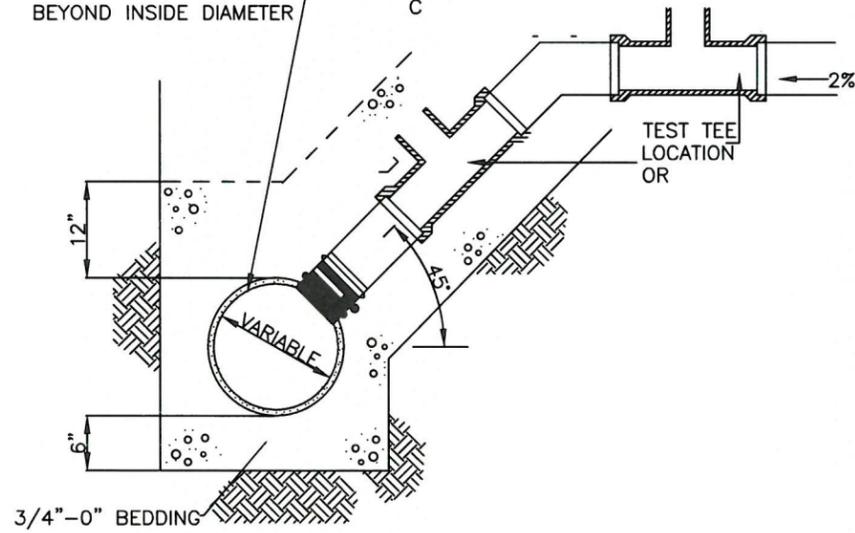


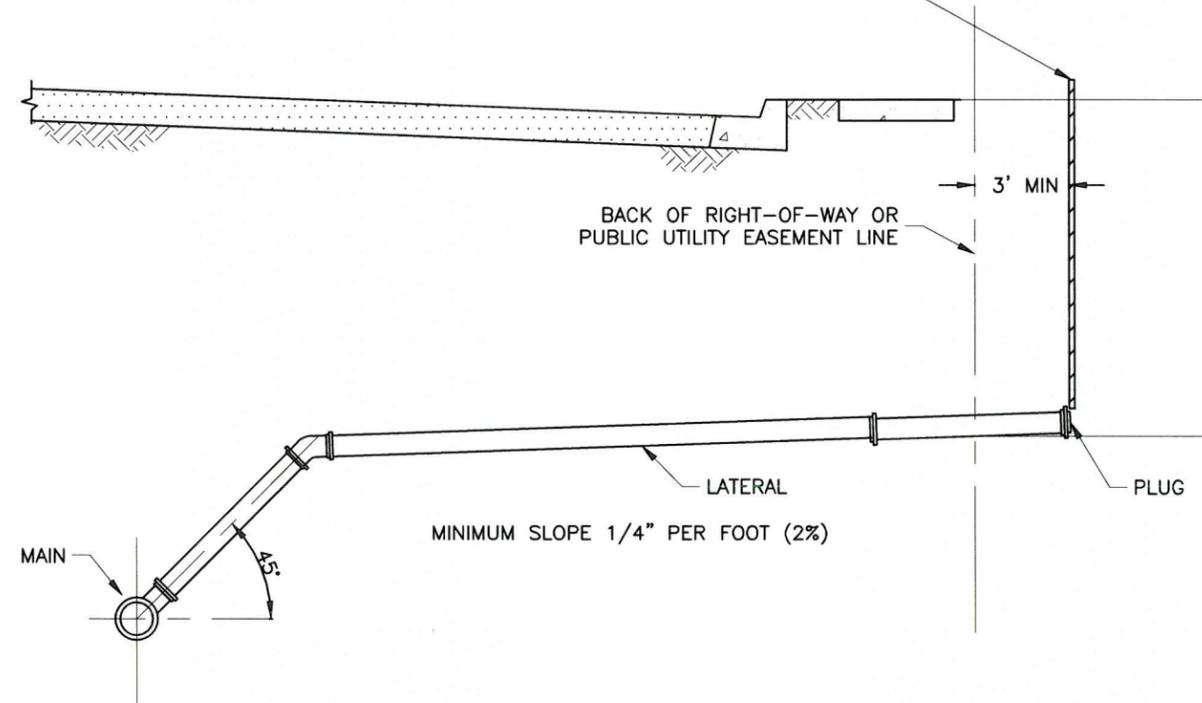
- A. PVC HUB SHALL CONFORM TO ASTM 3034, SDR 35 DRIVE INTO CENTER OF RUBBER SLEEVE AFTER SLEEVE IS PLACED IN HOLE.
- B. STAINLESS STEEL BAND SECURES UPPER HALF OF RUBBER SLEEVE TO THE PVC HUB. STAINLESS STEEL BAND SHALL BE 300 SERIES, 9/16" BAND WIDTH, CADMIUM PLATED CARBON STEEL, AND ATTACHED WITH HEX HEAD SLOTTED SCREW.
- C. COMPLETE RUBBER SLEEVE INCLUDES A MOLDED SEGMENT THAT HOLDS IT IN PLACE.

INSERT NOT TO PROTRUDE BEYOND INSIDE DIAMETER



- NOTE:
1. TAP SHALL BE LOCATED A MINIMUM OF 12" FROM EXISTING PIPE JOINTS AND FROM OTHER TAPS.
 2. CORE DRILL THE SEWER MAIN IN THE UPPER QUADRANT OF THE PIPE SO THE LATERAL CAN BE PLACED AT A 45° ANGLE AND PRESENT THE CORE-DRILLED "COUPON" TO THE CITY INSPECTOR AT TIME OF THE INSERT-A-TEE INSPECTION. THE TAP SHALL BE INSPECTED BEFORE THE SIDE SEWER CONNECTION IS MADE.
 3. INSERT-A-TEE SHALL BE USED TO CONNECT LATERAL TO MAIN. TAP SHALL BE INSTALLED WATER TIGHT, WITHOUT PROTRUSION INTO OR DAMAGE TO EXISTING SEWER. PROVIDE INSERT-A-TEE PACKAGING TO INSPECTOR SHOWING TYPE OF INSERT-A-TEE INSTALLED.
 4. LATERAL SHALL BE 4" (FOR STANDARD SINGLE FAMILY HOMES) GREEN ASTM3034 AND PLACED AT 2% SLOPE TO THE PROPERTY LINE. PLACE A TEST TEE WITHIN 3 FEET OF THE TAP.
 5. PLACE INSULATED, 12-GAUGE, GREEN TRACER WIRE OVER CENTERLINE OF SERVICE LATERAL.
 6. COMPACT 6" OF 3/4"-0" ROCK UNDER THE PIPE. HAUNCH WELL UNDER LATERAL.

FOR SUBDIVISIONS WHERE HOME CONSTRUCTION IS EXPECTED AT A LATER DATE, A 2" x 4" STAKE SHALL BE PLACED FROM INVERT TO 4' ABOVE FINISH GRADE. STAKE SHALL BE CONTINUOUS AND REMAIN VERTICAL AFTER BACKFILLING. END SHALL BE PAINTED GREEN FOR SANITARY AND WHITE FOR STORM.



7. ONCE APPROVED BY CITY INSPECTOR, PLACE 12" OF 3/4"-0" ROCK ABOVE THE TOP OF THE PIPE IN THE PIPE ZONE.
8. BACKFILL ABOVE THE PIPE ZONE WITH CDF (DELIVER CDF RECEIPT TO THE ENGINEERING DIVISION). ALTERNATELY, 3/4"-0" GRAVEL BACKFILL MAY BE USED. COMPACTION TESTING BY A CERTIFIED TESTING AGENCY MUST OCCUR IN LIFTS AS SPECIFIED BY THE CITY INSPECTOR (DELIVER TEST RESULTS TO THE ENGINEERING DIVISION). CITY RESERVES THE RIGHT TO FURTHER SPECIFY BACKFILL BASED ON SITE CONDITIONS.
9. T.V. INSPECTION OF THE LATERAL AND/OR MAIN MAY BE REQUIRED FOLLOWING BACKFILL, PRIOR TO FINAL APPROVAL.
10. THE MAXIMUM SIZE TAP FOR AN 8" MAIN IS 4". CUT IN A TEE FOR 6" LATERAL ON A 8" MAIN.
11. ALL CONNECTIONS SHALL BE MADE WITH HARD FITTINGS, INCLUDING TRANSITIONS BETWEEN DISSIMILAR MATERIALS.
12. DEPTH OF LATERAL TO BE DETERMINED BY DESIGN ENGINEER.

Standard Drawing No. WL-RD341	Effective Date: 07/01/08
Title: SANITARY SEWER LATERALS	
Approved:  City Engineer	
 West Linn CITY OF PUBLIC WORKS DEPARTMENT - STANDARD DRAWINGS 22500 Salamo Road, West Linn OR 97068 Phone: 503-722-5500 www.westlinnoregon.gov	
NOTE: All material and workmanship shall be in accordance with the City of West Linn Standard Construction Specifications.	
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 consulting a Registered Professional Engineer.	
File WL-RD341.dwg	