2x4 MARKER EXTENDED FROM SERVICE LATERAL TO 3' ABOVE FINISHED SURFACE GRADE WITHOUT SPLICES. PAINT EXPOSED PORTION OF WOOD GREEN FOR SANITARY SEWER AND WHITE FOR STORM DRAIN. CAST IRON FRAME AND COVER PER STANDARD CONSTRUCTION SPECIFICATIONS SECTION 401.01.06. THE WORD "SEWER" OR "STORM SHALL BE CAST INTO - 4' THE COVER AS APPLICABLE. MIN. 3' MIN. 12" 6' SIDEWALK INSTALL WESTLAND DUO SEAL PIPE PLUG MODEL NO. 1068-0342 OR APPROVED EQUAL. PVC CLEANOUT RISER SHALL EXTEND STRAIGHT AND VERTICAL MIN. AT FROM THE TEE WITH NO ANGLED PROPERTY LINE FITTINGS. SWEEP TEE OR WYE "-O CRUSHED AGGREGATE. SEE NOTE 8. PVC PIPE ASTM D 3034 MIN. 45° TWO-WAY PVC WATERTIGHT PLUG 4" = .02 FT./FT. MIN.CLEANOUT TEE OR CAP 6" = .01 FT./FT. MIN.

## **NOTES:**

- SWEEP TEES AND WYES SHALL BE SHALL BE USED IN NEW CONSTRUCTION AND FOR CUT-IN TAPS TO EXISTING PIPES.
- 2. CONNECTIONS TO EXISTING SANITARY SEWER AND STORM DRAIN PIPES SHALL BE MADE WITH APPROVED MECHANICAL TAPS OR CUT-IN SWEEP TEES AND WYES THAT ARE COMPATIBLE WITH THE SIZE AND TYPE OF PIPE BEING TAPPED. THE ENGINEER WILL DETERMINE THE APPROPRIATE TYPE OF TAP TO BE USED FOR A GIVEN APPLICATION.
- 3. EXISTING PIPE SHALL BE SAWCUT OR CORE DRILLED DEPENDING UPON THE TYPE OF TAP APPROVED FOR THE APPLICATION.
- 4. MECHANICAL TAPS SHALL BE STYLE "CB" SEWER SADDLES AS MANUFACTURED BY ROMAC INDUSTRIES, INC. OR APPROVED EQUAL.
- 5. CUT-IN TEE INSTALLATIONS SHALL UTILIZE PVC SWEEP TEES, OR WYES, PVC SPOOLS, AND FERNCO BRAND FLEXIBLE COUPLERS OR APPROVED EQUAL. FLEXIBLE COUPLERS SHALL NOT BE USED ON PVC PIPE. PVC PIPES SHALL BE JOINED BY GASKETED, SOLID-SLEEVE COUPLERS.
- 6. CLEANOUT FRAME AND COVER ASSEMBLIES SHALL BE INSTALLED IN CONCRETE SIDEWALKS. FRAME AND COVER ASSEMBLIES SHALL BE INSTALLED NOT LESS THAN 6" FROM THE EDGE OF THE SIDEWALK. IN LOCATIONS WHERE SIDEWALK WILL NOT BE CONSTRUCTED, LOCATE THE FRAME AND COVER ASSEMBLY AS CLOSE TO THE PROPERTY LINE AS APPLICABLE.
- INSTALL CLEANOUT RISER 4" TO 8" BELOW FINISHED GRADE.
- 8. THE ENTIRE EXTENTS OF THE EXCAVATED TRENCH SHALL BE BACKFILLED WITH 1"-0 CRUSHED AGGREGATE TO FINISHED GRADE.
- SANITARY SEWER SERVICE LATERALS SHALL NOT BE CONNECTED TO MANHOLES.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT

4" AND 6" SANITARY SEWER
AND STORM DRAIN SERVICE
CONNECTION DETAIL

NO SCALE

JANUARY 2015

NO. 411