

Appendix 3F

Sample Notes for Sewer and Drainage Plans about Mainlines

All notes in these sets are illustrative and require review and revision by the engineer for each project and specific project conditions. Some of these notes are contradictory. Select based on project conditions. **Yellow highlights indicate a note to the designer.**

DRAINAGE AND SEWER NOTES

Unless Otherwise Noted:

1. SEWER MAINLINE PIPE MUST BE VITRIFIED CLAY PIPE (VCP) PER SPECIFICATION 9-05.4.
2. BEDDING MUST BE CLASS B, MINERAL AGGREGATE TYPE 22.
3. FOR ALL TEES, THE CENTER POINT OF THE TEE MUST BE INSTALLED NO LOWER THAN 30° AND NOT HIGHER THAN 45° ABOVE THE SPRINGLINE OF THE MAINLINE.
4. TEES SHALL BE PREFABRICATED AND WHEN CONNECTING TO A DISSIMILAR PIPE MATERIAL, MUST BE NO BELL TEES AND CONNECTED USING A SHIELDED FLEXIBLE REPAIR COUPLING PER SPECIFICATION 7-17.3(2)E AND 9-05.18.
5. INVERT ELEVATIONS AT MAINTENANCE HOLES ARE MEASURED AT CENTER OF STRUCTURE.
6. ALL PIPELINES AND APPURTENANCES MUST BE CLEANED AND TESTED AFTER BACKFILLING PER SPECIFICATION 7-17.3(3). DEFLECTION TESTING OF FLEXIBLE PIPE MUST BE NO LESS THAN 30 DAYS AFTER BACKFILLING AND PRIOR TO PAVING PER SPECIFICATION 7-17.3(3)F. TELEVISION INSPECTION MUST BE PER SPECIFICATION 7-17.3(3)G.
7. WHERE A NEW PIPE CLEARS AN EXISTING OR NEW UTILITY BY 6-INCHES OR LESS, POLYTHYLENE PLASTIC FOAM MUST BE PLACED AS A CUSHION BETWEEN THE UTILITIES PER SPECIFICATION 1-07.17(2)
8. PIPE 12" DIAMETER AND LARGER TO BE ABANDONED MUST BE FILLED WITH A PUMPABLE, FLOWABLE CEMENT SLURRY. SEE SPECIFICATION 2-02.3(5).

The following sample notes were taken from an SDOT project impacting a King County sewer and may be useful. Contact the current King County Local Public Agency Coordinator for your project.

KING COUNTY WASTEWATER TREATMENT DIVISION SEWER NOTES

1. MARK LAMPARD AT KING COUNTY MUST BE CONTACTED AT 206-477-5414 AND MARK.LAMPARD@KINGCOUNTY.GOV FIVE (5) WORKING DAYS IN ADVANCE OF THE PRE-CONSTRUCTION CONFERENCE FOR THIS PROJECT.
2. Mark lampard at king county must be contacted at 206-477-5414 AND MARK.LAMPARD@KINGCOUNTY.GOV three (3) WORKING DAYS IN ADVANCE OF CONSTRUCTION ACTIVITY WITHIN 50 FEET OF THE KING COUNTY FACILITIES.
3. A KING COUNTY REPRESENTATIVE SHALL BE ON SITE DURING EXCAVATION AND MODIFICATION OF THE KC WTD FACILITIES.
4. NO DEBRIS SHALL BE ALLOWED TO ENTER THE KING COUNTY SEWER SYSTEM DURING CONSTRUCTION.
5. ALL WORK ON THE KING COUNTY PIPESLINES AND FACILITIES SHALL NOT BE BACKFILLED UNTIL THE WORK HAS BEEN INSPECTED AND APPROVED BY A KING COUNTY REPRESENTATIVE.