

# **APPENDIX 3F**

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## **Sample Notes for Sewer and Drainage Plans About Mainlines**

## I. INTRODUCTION

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All notes in these sets are illustrative and require review and revision by the Engineer for each project and specific project conditions. Yellow highlights indicate a note to the designer.

## 2. DRAINAGE AND SEWER NOTES

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For 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, POLYETHYLENE 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).

## 3. KING COUNTY WASTEWATER TREATMENT DIVISION SEWER NOTES

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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.

1. MARK LAMPARD AT KING COUNTY MUST BE CONTACTED AT 206-477-5414 AND [MARK.LAMPARD@KINGCOUNTY.GOV](mailto:MARK.LAMPARD@KINGCOUNTY.GOV) FIVE (5) WORKING DAYS IN ADVANCE OF THE PRE-CONSTRUCTION CONFERENCE FOR THIS PROJECT.

## Chapter 3 Design for Construction

### Appendix 3F Sample Notes for Sewer and Drainage Plans About Mainlines

2. MARK LAMPARD AT KING COUNTY MUST BE CONTACTED AT 206-477-5414 AND [MARK.LAMPARD@KINGCOUNTY.GOV](mailto: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 PIPELINES AND FACILITIES SHALL NOT BE BACKFILLED UNTIL THE WORK HAS BEEN INSPECTED AND APPROVED BY A KING COUNTY REPRESENTATIVE.