

APPENDIX 3G

Sample Notes for Side Sewers

I. INTRODUCTION

All notes in these sets are illustrative and require review and revision by the Engineer for each project and specific project conditions. These notes can be used with any work requiring relay of side sewers. **Yellow highlights indicate a note to the designer.**

2. SIDE SEWER NOTES

For side sewer notes unless otherwise noted.

1. ALL WORK MUST CONFORM WITH SPECIFICATION 7-18 AND SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTIONS DIRECTOR'S RULE 4-2011, REQUIREMENTS FOR DESIGN AND CONSTRUCTION OF SIDE SEWERS.
2. RELAY EXISTING SERVICE DRAINS/ SIDE SEWERS TO CLEAR OVER OR UNDER THE NEW UTILITY AND RECONNECT WITH SHIELDED FLEXIBLE REPAIR COUPLINGS PER SPECIFICATION 7-17.3(2)E AND 9-05.18.
3. SIDE SEWER CONNECTIONS MUST BE PLACED AT A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 100% (45°).
4. SERVICE DRAIN/SIDE SEWER PIPE MATERIAL MUST BE APPROVED BY THE ENGINEER FROM THE FOLLOWING, IN ORDER OF PREFERENCE:
 - a. DIP WHEN MINIMUM CLEARANCES REQUIRED IN SPECIFICATION 1-07.17(2) ARE NOT MET. DIP SHALL BE DOUBLE CEMENT MORTAR LINED DUCTILE IRON PER SPECIFICATION 9-05.2 AND BEDDING MUST BE CLASS D.
 - b. MATCH EXISTING PIPE MATERIAL AND BEDDING MUST BE CLASS B AND PER SPECIFICATION 7-17.3(1) FOR EACH PIPE MATERIAL
 - c. PVC PIPE AND FITTINGS PER ASTM D 3034, SDR35 (MIN) WITH RUBBER GASKET JOINTS OR SCHEDULE 40 PER ASTM D1785 WITH SOLVENT WELDED JOINTS. BEDDING MUST BE CLASS B WITH MINERAL AGGREGATE TYPE 22.
5. MAINTAIN DRAINAGE AND SEWER SERVICE TO PRIVATE PROPERTY DURING CONSTRUCTION. THE CONTRACTOR MUST NOTIFY ANY AFFECTED PROPERTY OWNER OF A SERVICE INTERRUPTION WHILE LATERAL SEWER BYPASSING IS BEING INSTALLED WHEN NEEDED. **Note to designer: This note should be modified to reflect the project specific requirements in 7-17. 3(2)i.**
6. SERVICE DRAINS AND CATCH BASIN CONNECTIONS MUST NOT BE BACKFILLED UNTIL THE PIPE HAS BEEN INSPECTED AND APPROVED AND THE LOCATION AND DEPTH RECORDED BY THE ENGINEER.