

APPENDIX 3G

Sample Notes for Side Sewers/Service Drains

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/SERVICE DRAIN NOTES

For side sewer notes unless otherwise noted.

1. ALL WORK MUST CONFORM WITH COS STD SPEC SECTION 7-18 AND SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTIONS DIRECTOR'S RULE 4-2011, REQUIREMENTS FOR DESIGN AND CONSTRUCTION OF SIDE SEWERS.
2. 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.**
3. RELAY EXISTING SERVICE DRAINS/ SIDE SEWERS TO CLEAR OVER OR UNDER THE NEW UTILITY AND RECONNECT WITH SHIELDED FLEXIBLE REPAIR COUPLINGS PER COS STD SPEC 7-17.3(2)E AND 9-05.18.
4. SIDE SEWER CONNECTIONS MUST BE PLACED AT A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 100% (45°).
5. SERVICE DRAIN AND SIDE SEWER PIPE MUST BE OF A MATERIAL APPROVED BY THE ENGINEER FROM THE FOLLOWING, IN ORDER OF PREFERENCE:
 - a. DIP WHEN MINIMUM CLEARANCES REQUIRED IN COS STD SPEC 1-07.17(2) ARE NOT MET. DIP MUST BE DOUBLE CEMENT MORTAR LINED DUCTILE IRON PER COS STD SPEC 9-05.2 AND BEDDING MUST BE CLASS D.
 - b. MATCH EXISTING PIPE MATERIAL. BEDDING MUST BE CLASS B AND PER COS STD SPEC 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 PER COS STD SPEC 7-17.3(1)B.
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.
7. THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT RECORD INFORMATION OF ALL WORK ON SERVICE DRAINS OR SIDE SEWERS.

8. MAINTAIN CLEAR DISCHARGE TO ADJACENT DITCH, ROADWAY, OR BIORETENTION CELL FOR ANY SURFACE DISCHARGE OF SERVICE DRAINS ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLAN.