

CONSTRUCTION SPECIFICATIONS FOR SANITARY SEWER

1. ALL MATERIALS AND INSTALLATION OF SANITARY SEWERS SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS", PREPARED BY THE WASHINGTON STATE CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, EXCEPT AS NOTED HEREIN OR ON THE STANDARD PLANS. WHEREVER THE STANDARD SPECIFICATIONS REFER TO THE OWNER AS EITHER THE "STATE" OR "SECRETARY" OR WHEN REFERENCE IS MADE TO THE DEPARTMENT OF TRANSPORTATION IT SHALL BE UNDERSTOOD THAT THE STANDARD SPECIFICATIONS SHOULD READ THE "CITY".
2. ALL SANITARY SEWER CONSTRUCTION IS SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF WASHOUGAL'S DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT (835-2662) AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CITY REQUIRES THAT A PRECONSTRUCTION CONFERENCE BE HELD.
3. THE CONTRACTOR IS REQUIRED TO NOTIFY ALL UTILITIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR MAY CONTACT THE UTILITY COORDINATING COUNCIL OF CLARK COUNTY (696-4848) IN LIEU OF CONTACTING INDIVIDUAL UTILITIES.
4. FINAL ACCEPTANCE OF SANITARY SEWERS ARE SUBJECT TO SECTIONS 1-05.11, 1-05.12, 7-17.3(2)D, 7-17.3(2)E, 7-17.3(2)G AND 7-17.3(2)H OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF TWO (2) YEARS.
5. ALL PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING: A. CONCRETE PIPE, NONREINFORCED, SHALL CONFORM TO ASTM C 14, CLASS 2, EXCEPT AS OTHERWISE NOTED. CONCRETE PIPE, REINFORCED, SHALL CONFORM TO ASTM C 76, AND SHALL BE OF THE CLASS NOTED ON THE PLANS OR IN THE SPECIAL PROVISIONS. B. POLYVINYLCHLORIDE (PVC) SEWER PIPE 15" DIAMETER OR LESS SHALL CONFORM TO ASTM D3034, SDR 35 OR ASTM F 789. IT SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PSI. PVC PIPE 18" DIAMETER AND LARGER SHALL CONFORM TO ASTM F 679 OR ASTM F 794, SERIES 46. ALL PVC PIPE SHALL HAVE AN INTEGRAL BELL GASKETED JOINT WITH ELASTOMERIC GASKET AND SHALL BE FURNISHED IN 12-1/2 FOOT LAYING LENGTHS. C. DUCTILE IRON (DI) PIPE SHALL CONFORM TO ANSI A21.51 OR AWWA C151, WITH PUSH-ON JOINTS, CLASS 52, UNLESS OTHERWISE NOTED.
6. INSTALLATION OF PIPE AND MANHOLES SHALL CONFORM TO THE FOLLOWING: A. CONCRETE PIPE SHALL BE INSTALLED IN CONFORMANCE WITH RIGID PIPE BEDDING DETAILS (CLASS C, UNLESS OTHERWISE NOTED) AND TYPICAL TRENCH SECTIONS DETAIL. PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SHALL CONFORM TO STANDARD PLANS FLEXIBLE PIPE BEDDING DETAIL AND TYPICAL TRENCH SECTIONS DETAIL. MANHOLES SHALL CONFORM WITH APPLICABLE STANDARD DETAILS.
7. MANHOLES, CLEANOUTS, SERVICE LATERAL CONNECTIONS, TRENCH EXCAVATION, PIPE BEDDING AND STREET RESTORATION, AND APPURTENANCES SHALL CONFORM TO THE DETAILS SHOWN ON THE STANDARD PLANS. ALL OTHER CONSTRUCTION SHALL CONFORM TO THE STANDARD DETAILS CONTAINED IN THE STANDARD PLANS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
8. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL PERMITS ISSUED, OR EASEMENTS GRANTED TO THE CITY IN CONJUNCTION WITH THE CONSTRUCTION OF SANITARY SEWERS. THE CONTRACTOR SHALL OBTAIN A STREET CUT PERMIT FOR WORK WITHIN THE CITY RIGHT-OF-WAY.