SANITARY SEWER CONSTRUCTION NOTES

Sanitary sewer laterals shall be 4" in size, installed at a minimum slope of 0.1% or lower unless otherwise specified on the plan.

Materials for sanitary sewer pipe shall be Schedule 40 PVC.

Prior to backfilling sewer service laterals, the Contractor shall verify the project layout survey in a timely manner so that construction "As-Built" information may be gathered. If the Contractor backfills prior to the gathering of required information, the Contractor shall be required to expose the ends of service laterals and sewer main cleanouts.

Backfill for sanitary sewer pipes shall be as required by the City of Spokane utility permit.

Service laterals shall be extended to 12" below the R.O.W line and the contractor shall mark lateral ends with a 10" X 2" X 4" board, totaling one and mark the depth of the area on the 3"x4" board.

WATER SYSTEM CONSTRUCTION NOTES

Pipe backfill for water pipe shall be as required by the City of Spokane Standards.

Contractor to maintain a minimum 10' horizontal and 16' vertical separation between existing and proposed water and sewer lines.

City forces shall make all connections to existing mains.

Contractor to pay all costs.

All utility trench backfill shall be in conformance with City of Spokane Standard Plans E-18C.

All valves, fittings, etc., shall be ductile iron. Water pipe shall be ductile iron, Class 80.

Deflections at pipe joints shall not exceed 7½% of maximum permissible deflection per final deflection tables or sheet 27 or manufacturer's recommended deflection, which ever is less.

Contractor to coordinate with City of Spokane Water and Wastewater Services to shut off necessary water for sewer flows.

Contractor to provide 3 ½ inch backfill assembly at end of each roadway per WSDOT Plan R-31 for flushing and testing.

Backfill to be material per WSDOT Standard Specifications. Lifts to be 8 inches maximum and compacted in accordance with City of Spokane Standard Plans B-18D. Provide marking tape at mid-depth of backfill.

MONUMENTATION

The contractor shall coordinate with the surveyor so that existing monuments are marked as required by Spokane County. Monuments shall be set at surface points and street intersections and shall conform to Spokane County Standard Plan A-14.