

1. No disruption of existing sanitary sewer service will be permitted without the written approval of the City's Wastewater Utility.
2. A removable plug shall be installed in the lowest sanitary sewer manhole pipe inlet(s) with no active upstream sewer laterals for all phased developments, sewer extensions and connections. Unless otherwise directed by City Inspectors, this plug is required to remain in place during construction until final acceptance of this sewer project.
3. All public sanitary sewer mains shall be PVC, ASTM D 3034, SDR 35 pipe with flexible gasketed joints constructed at the line and uniform grade indicated on the approved construction plans.
4. All sewer lateral connections to public sanitary sewer mains shall be GPK saddle taps or pre-approved equivalent for existing sewers or PVC tee branches for new sewers and constructed 45° above the spring line of the sewer main at the locations indicated on the approved construction plans.
5. All sewer laterals shall be constructed at 90° right angles to the public sewer main alignment at the locations shown on the approved construction plans, except in cul-de-sacs or street knuckles where the "90° Rule" is not practical. Cul-de-sacs or street knuckle sewer laterals may enter sanitary manholes (4 max) with the pre-approval of the City's Wastewater Utility and shall be constructed with cored-in sand collars for existing sewers and precast sand collars for new sewers with matching pipe crown elevations and individually formed channels.
6. All public pressure sewer lines shall be PVC AWWA C900 or C905 DR 25 pipe constructed with a minimum bury of 5 feet from the top of the pipe to finish grade at the line and grades indicated on the approved construction plans.
7. All thrust blocking shall be formed against undisturbed or compacted soil conforming to the City Water Department's Thrust Blocking Standard Drawings. All bolts and nuts shall be stainless steel and free of concrete and accessible by wrench. All fittings with alignment angles less than 45° require both thrust blocks and mechanical joint restraints approved by the City's Wastewater Utility.
8. All constructed sewer lines shall be installed with continuous sewer warning tape placed 24" directly over entire length of newly installed pipe. Pressure sewer lines shall also include continuous tracer wire taped securely to top of the pipe and brought to the finish grade inside all sewer valves, locating wire boxes, vaults and manhole structures.
9. All sewer laterals shall be referenced on the record "As-built" drawings with centerline stationing, off-set length and invert elevation at the end of lateral prior to the City's Wastewater Utility final approval and acceptance of sewer improvements.



CITY OF COEUR D'ALENE STANDARD DRAWING

SEWER SYSTEM NOTES
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