

City of Auburn Standard Specifications

Summary of Major Changes – January 2011

Section 12 – Sanitary Sewer Systems

- Some text in the existing specifications has been moved to different subsections where appropriate. Sections and headings have also been added and rearranged for organization and clarity.
- Section 12.02 – Contractor Responsibility
 - Included additional specifications from the Design Manual for restoration of easements after construction.
- Section 12.03 – Excavation and Backfill
 - Definition of rock excavation added.
- Section 12.04 – Pipe Materials
 - Updated standard material specification references.
- Section 12.05 – Construction Methods
 - Included specifications from the Design Manual regarding notification if actual depths of sewer installations are different than shown on the plans.
 - Included additional specifications from the Design Manual on Bore Installations further detailing current requirements.
 - Electronic lateral markers to be used in lieu of 4x4 wood posts.
 - Included additional specifications from the Design Manual on sewer laterals further detailing current requirements.
 - Revised text regarding separation of water and sewer mains to match the Design Manual and provide more clarity. Separation requirements have not changed.
- Section 12.06 – Manholes
 - Included additional specifications from the Design Manual on manholes further detailing current requirements.
 - Minimum manhole depth of 50” unless otherwise approved and a specialty precast section submitted.
 - Clear line of sight required to all pipe inverts from the rim.
 - Required 15’ separation from any stream bank or water body.
 - Maximum extension of 4’ above ground surface elevation.
- Section 12.07 – Grease Traps
 - Included additional specifications from the Design Manual on grease traps further detailing current requirements shown on the standard details.
 - Minimum grease trap size revised from 1000 gallons to 500 gallons.
 - Includes sampling port specification.
- Section 12.08 – Pump Stations and Force Mains
 - Requirements in this section have been added to the specifications based on requirements included in the Design Manual.

Section 14 – Water Mains and Appurtenances

- Some text in the existing specifications has been moved to different subsections where appropriate. Sections and headings have also been added and rearranged for organization and clarity.
- Section 14.02 – Contractor Responsibility
 - Included requirement for Water Main Connection Permit on all active AWWB mains. Permit to be presented to inspector or AWWB representative at the time the connection is made and shall be returned to the WRM Department after connection is completed.
 - Included additional specifications from the Design Manual for restoration of easements after construction.
 - Included specification text regarding contractor’s general responsibilities for utility installations, safety, etc. similar to Section 12.
- Section 14.03 – Excavation and Backfill
 - Included specification text for excavation and backfill similar to Section 12.
- Section 14.04 – Materials
 - Updated standard material specification references.
 - Included specification for externally restrained joints.
- Section 14.05 – Valves
 - Updated standard material specification references.
 - Included additional specifications from the Design Manual for Air Release Valves.
- Section 14.09 – Services
 - Included additional specifications from the Design Manual for abandonment of existing service connections.
- Section 14.11 – Vaults
 - Included additional specifications from the Design Manual for vault installations further detailing current requirements.
- Section 14.12 – Backflow Prevention Assemblies
 - Included additional specifications from the Design Manual and the Backflow Prevention and Cross-Connection Control Policy of the Water Works Board of the City of Auburn for different types of backflow prevention assemblies.
- Section 14.13 – Construction Methods
 - Included additional specifications from the Design Manual for installation depth. Typical installation shall be at minimum cover unless otherwise specified. Maximum cover for water mains is 8’.
 - Included additional specifications from the Design Manual for separation requirements from storm and sanitary sewer.
 - Included additional specifications from the Design Manual for installing 2” vertical PVC pipes every 100 feet and at all bends and major fittings for surveying as-built drawings.
 - Included additional specifications from the Design Manual on Bore Installations further detailing current requirements.
 - Included additional specifications from the Design Manual for thrust restraint using external restrained joints in lieu of concrete blocking.