

FORT BEND COUNTY W.C. & I. D. No. 2 STANDARD NOTES:

1. All public potable water and sanitary sewer facilities are controlled and operated by Fort Bend County Water Control & Improvement District No. 2 (the District) within the boundaries of the District. District requirements, standards, directives and regulations control and supersede others for public water and sanitary sewer construction directives.
2. Permits, approvals and inspections required by the District are the responsibility of Owner/Contractor to obtain prior to commencing construction.
3. It shall be the responsibility of the contractor to notify the District's Engineer 48-hours prior to the start of construction (281-499-2041) for approved projects or work.
4. All connections to the District's water and sanitary sewer systems, including sample wells, grease traps, backflow devices, etc.; shall be made in accordance with the District's "Construction Standards for Service Connections". It is the responsibility of the contractor to see that no water or sanitary sewer connection shall be backfilled and water service shall not commence until a representative of the District has inspected and approved the water and sanitary sewer connection and service line.
5. The Contractor shall be fully responsible for any and all damage to the existing public or private utility lines, including but not limited to water lines, wastewater collection systems and storm sewers during construction. All damages shall be repaired in accordance with the District's "Construction Standards for Public Utilities" latest addenda and amendments thereto, with no cost to the public.
6. Both the General Contractor and the Utility Contractor shall obtain a copy of the District's "Construction Standards for Public Service Connections" prior to the start of construction.
7. Any revisions/changes to the utility construction shall be resubmitted to the District. Construction shall be in accordance with plans approved by the District. Public water and wastewater service will be withheld for accounts with water or sanitary sewer construction not in accordance with approved plans or requirements until corrections are made and approved by the District.
8. All connections to the District's water system shall be performed by the District or District Representative.
9. All connections to the District's sanitary sewer system must be performed or witnessed by Representatives of the District.
10. Manholes, testing requirements, water meters, valves, and hydrants shall be per District standards and requirements. District specific covers are required for manholes and valves on public lines. All District waterline valves open left (counter clockwise).
11. All waterline tees, hydrants, elbows, and plugs shall be installed with restrained fittings. Restraint may be from thrust blocking or restrained pipe joint (of approved manufacturer). All pipe must include a minimum of two (2) joints of restraint on each side of the fitting. Public fire hydrants shall be manufactured by either Mueller or EJ, supplied with five-inch Storz connect and debris cap, and painted according to District color standards. Private fire hydrants must be painted yellow. All fire and backflow equipment in vaults must be in a reinforced concrete vault, placed outside of structures and near the public right-of-way property edge or adjacent to but not obstructing a District assessable easement. The vault must be installed on stabilized compacted sub-base material.
12. An expansion joint is required at all boundaries in proposed concrete pavement placed over existing District utility easements to facilitate concrete removal and restoration for gravity line maintenance. If a section of pavement crosses twice, a deformed metal strip joint is allowed for the second crossing.
13. Sanitary sewer lines must use Polyvinylchloride (PVC) pipe conforming to ASTM Specification D-1785 (Schedule 40) or ASTM Specification 0-3034 (non-pressure rated SDR-26). or ASTM specification D-2241 (150 psi pressure rated SDR-26).
14. Water service lines must use Polyvinylchloride (PVC) pipe conforming to ASTM D-1785 (Schedule 40), Polyethylene (PE) pipe conforming to AWWA C-901, minimum 125 psi pressure rating, or Copper pipe conforming to AWWA B-88. Pipe and fittings in each individual service line will be identical material. For services greater than 2 inches in diameter, the District recommends thrust blocks on all bends.
15. The District requires a backflow prevention assembly for the protection of the public system when necessary. Such backflow prevention assembly shall be made in accordance with the District's "Construction Standards for Service Connections". When it is determined that a backflow prevention assembly is required for the protection of the public system, the District may require the consumer, at the consumer's expense, to install an approved backflow prevention assembly, to test upon installation and annually, or more often, to properly repair and maintain such assembly or assemblies and to keep adequate records of each test and subsequent maintenance and repair, including materials or replacement parts, with the original copy of the test report submitted to the District.
16. A Customer Service Inspection (CSI) is required on all new construction prior to providing continuous water service to premises. It is the builder's/owner's responsibility to notify the District when the building is ready to be inspected at least three (3) business days prior to occupancy.