



**CITY OF DALLAS
GENERAL NOTES – PRIVATE DEVELOPMENT**

1. Prior to any field changes to proposed materials or design, contractor shall coordinate with DWU Pipeline Inspection and the engineer of record. Field changes require revised plan review and approval by the City review engineer and is to be coordinated through the DWU Pipeline Inspector and Engineer of Record.
2. All water mains shall be AWWA C900 (DR-14) PVC or Class 54 Ductile Iron (in Central Business District, airports and other areas described in the DWU standards), with poly wrap and full body fittings.
3. Water and wastewater easements shall also include additional area of working space for construction and maintenance of system.
4. All water deadheads shall be type-K copper, installed per DWU Standard Drawings, and Water deadheads referenced as follows: “a” 1-1” (DOM), “b” = 1-2” (IRR) Total: 1-2”, 1-2” Water meter cans and meters shall be installed by separate permit, along with the connection to private plumbing.
5. Water meters/services shall be located:
 - a. No less than 2 ft beyond proposed curb or as shown,
 - b. No closer than 3 ft (for ≤1”) or 4 ft (for >1”) in spacing between meters
 - c. Within public sidewalk where present or other allowable protected location
 - d. Not be installed in driveways nor any vehicular paths.
6. All wastewater laterals shall be placed within paved sidewalks and not within vehicular paths, unless otherwise approved by DWU Inspector. Sized and referenced as follows: “p” = 1-6” LAT Total: 1-6”. Lateral cleanout shall be installed by permit along with the connection to private plumbing.
7. All 8” through 15” PVC wastewater mains shall be ASTM 3034 (SDR-35), unless noted otherwise. All wastewater laterals shall be ASTM 3034 (SDR-35), unless noted otherwise.
8. The maximum trench width is 32” for all pipes diameters equal to or smaller than 12”.
9. Sidewalk shall be wide, located off property line or off curb line.
10. The Certificate of Acceptance (COA) will not be issued until all of the following items have been completed:

Development Services

320 E. Jefferson, Room 200 · Dallas, Texas 75203 · 214/948-4607 · Fax 214/948-4211
A City Utility Providing Regional Water and Wastewater Services Vital to Public Health and Safety.

- a. All water and wastewater appurtenances have been adjusted to their final position and a final inspection for the P-Contract has been successfully completed and;
 - b. The final plat has been filed with the County (if applicable) and matches the design plans and;
 - c. All fees owed to the City have been paid and;
 - d. A pay affidavit sent to Private Development stating that the contractor has been paid in full.
11. Fire hydrants shall be constructed per DWU Standards Drawings Manual pg. 224. Hydrants shall be a minimum of 2.5' and a maximum of 7.5' from the back of curb with 36" of clearance from all obstructions. All fire hydrants shall be installed in accordance with DWU standards prior to the main being placed in service and the hydrants painted by DWU. Any delays will be the responsibility of the contractor if the hydrant has not been installed per DWU standards. It is recommended that existing curbs, sidewalks, final ground elevations, and other features be staked by the contractor as needed to ensure compliance with DWU standards and avoid additional adjustments or relocations that may delay approvals.
12. Contractors shall deliver ALL removed (salvaged) fire hydrants to either 2901 Municipal St. or 9805 Harry Hines Blvd. DWU Material Services Division staff at both locations can assist receiving the items. For questions, concerns, or additional assistance contact 214-670-8035 for 2901 Municipal St. and 214-670-6274 for 9805 Harry Hines Blvd.
13. Embedment for Water Mains shall be per the current DWU Standard Drawings Manual.
14. Water mains sized 12" and under shall be a minimum of 4-ft under improved surfaces and 6-ft under unimproved surfaces.
15. Street and Alley cuts will follow the latest edition of City of Dallas Department of Public Works and Transportation "Pavement Cut and Repair Standards Manual". All water and wastewater service cuts in pavement shall have the ditch line filled to pavement base line with low strength fast fix flowable fill.
16. Construction specifications and appurtenances will be covered by the current editions (as of the time of construction commencement) of the following manuals: Dallas Water Utilities "Standard Drawings for Water and Wastewater Construction", "Standard Specifications for Public Works Construction Standards", the "City of Dallas Addendum to the North Central Texas Council of Governments Public Works Construction Standards".
17. Contractor will remove existing water meters not used for proposed development. Remove meters and meter lids in a way as to not damage the meter nor lid and deliver salvaged meters to 2861 Municipal Street. Contact Alex Land (214-670-8213)

Development Services

320 E. Jefferson, Room 200 · Dallas, Texas 75203 · 214/948-4607 · Fax 214/948-4211
A City Utility Providing Regional Water and Wastewater Services Vital to Public Health and Safety.

48-hours prior to meter delivery. Contractor shall kill existing deadhead service for removed meters at the main line.

18. Prior to the start of installation work, approved Right of Way Permit, approved Traffic Control Plan, and cut-sheets for water and wastewater installation should be submitted to DWU Pipeline Inspection.
19. The City of Dallas Department of Public Works will approve and/or determine the traffic control plan and working hours. Contact (214) 948-4290 to coordinate the submittal, review and approval.
20. Contractor may only lay pipe when temperature is 36 degrees F and rising. Any special methodology or procedures for laying pipe at less than 36 degrees requires the approval of DWU Pipeline Inspection Superintendent.
21. Low-strength flowable fill shall be used as backfill material around new manholes located within existing or new pavement.
22. All new manholes or existing manholes affected by construction of this contract shall have the interior coated with RAVEN 405 or approved equal. Coating must be applied by certified applicator. Spray, brush, or roller application to a minimum of 200 mil thickness.
23. Contractor shall replace all lead-joint water pipe fittings encountered with new DWU approved fittings/appurtenances.
24. It is the responsibility of the Contractor to have all required fittings/couplings in a timely manner. Any delay due to shut down and connection issues during water main tie-in are considered incidental work and shall be borne by the contractor. Any specialized fitting/couplings shall be installed by qualified personnel with that specific skill.
25. Water valves should be accessible and ready for permanent accessibility before water main can be placed in service and tie-ins completed. Valves should be properly backfilled and placed to grade and not covered by plates, backfill, or other construction materials. PVC valve stacks are not allowed.

Development Services

320 E. Jefferson, Room 200 · Dallas, Texas 75203 · 214/948-4607 · Fax 214/948-4211
A City Utility Providing Regional Water and Wastewater Services Vital to Public Health and Safety.