



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

1. All water mains shall be AWWA C900 (DR-14) PVC or Class 52 Ductile Iron (in Central Business District, airports and other areas described in the DWU standards), with poly wrap and full body fittings.
2. Water and wastewater easements shall also include additional area of working space for construction and maintenance of system.
3. 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.
4. 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 $\leq 1"$) 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.
5. 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.
6. 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.
7. The maximum trench width is 32" for all pipes diameters equal to or smaller than 12".
8. The Certificate of Acceptance (COA) will not be issued until all of the following items have been completed:
 - 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.

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9. Fire hydrants shall be constructed per the current DWU Standards Drawings Manual.
10. Embedment for Water Mains shall be per the current DWU Standard Drawings Manual.
11. Water mains sized 12" and under shall be a minimum of 4-ft under improved surfaces and 6-ft under unimproved surfaces.
12. 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.
13. 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".
14. 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) 48-hours prior to meter delivery. Contractor shall kill existing deadhead service for removed meters at the main line.
15. The City of Dallas Department of Public Works will approve and/or determine the traffic control plan and working hours. Contact Beth Adams at 214-670-5896 (North of I-30), Gary Hughes at 214-670-5662 (CBD and South of I-30), or call (214) 948-4290.
16. 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.
17. Low-strength flowable fill shall be used as backfill material around new manholes located within existing or new pavement.
18. 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.
19. Contractor shall replace all lead-covered water pipe fittings encountered with new DWU approved fittings/appurtenances.

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