

Water & Sanitary Sewer Notes for Utilities Plans in Athens Clarke County:

1. All Sanitary Sewer Utility construction shall be performed in accordance with ACC PUD Sanitary Sewer Specifications, latest edition. All Water Utility construction shall be performed in accordance with ACC PUD Standard Specifications for Water Main Construction, latest edition, and AWWA standards. This includes public mains and private service lines.
2. All Water Main and Sanitary Sewer Line construction contractors must be on PUD's approved contractors list with a current utility license and current insurance for workman's comp and liability.
3. Erosion and sediment control measures shall be installed prior to any other construction on the site and shall be maintained until a permanent ground cover is established.
4. The Contractor shall coordinate all utility installations.
5. Prior to performing any land-disturbing activities or when work is to be performed within 10 feet of high-voltage overhead power lines, the Contractor is required by law to notify the Utility Protection Center at 1-800-282-7411 or by calling 811. Seventy-two (72) hours of advanced notice is required.
6. Existing underground utility locations as shown should be considered approximate and may not be complete. Underground utilities as shown are based on information provided by the utility owners. It shall be the Contractor's responsibility to locate all underground utilities. Any damage to such utilities shall be repaired at the Contractors cost and per the utility specifications.
7. The Contractor shall field verify the location and depth of existing utility lines prior to construction and report any discrepancies to PUD's Inspector and the design engineer/firm.
8. The Contractor shall notify the ACC PUD Inspector twenty-four (24) hours prior to beginning construction.
9. Administrative Cost Fee: Water Main taps on the existing water main shall be performed by ACC PUD at the Developer's expense. Inspection of all water main and sanitary sewer lines to be conveyed to ACC PUD will be carried out by ACC PUD Inspectors or PUD's contracted agent. Inspection Fees and Construction Cost Estimates must be paid prior to beginning utility construction.
10. Connection and Meter Fee: Charges to establish water and sanitary sewer services apply and are the Developer's responsibility. All meter and connection fees must be paid prior to setting water meters. All water meters must be installed by ACC Meter Management. Developer must complete a separate Water and Sanitary Sewer Application at the Building Inspection Department (120 W Dougherty) for all water meter connections proposed for the public water and/or sanitary sewer system for this project.
11. Water main existing depth is approximately four (4) feet, the Contractor must verify. The minimum cover on a proposed water main is four (4) feet.
12. Contractor will coordinate the location of water service lines and sanitary sewer service lines from the building. Stub locations will be marked on a stub plat and submitted to PUD prior to acceptance of the project. Stub markers will indicate the stub locations on each parcel.

13. Show required ten (10) foot horizontal separation for Water Mains and Sanitary Sewer Lines running parallel with other utilities and one and a half (1.5) foot vertical separation required when crossing other utilities. Perpendicular crossing is desired when possible. Water and Sewer service lines require ten (10) foot separation.
14. PUD Inspectors will oversee all utility line testing and disinfection in accordance with PUD Specifications. Disinfection of water mains and disposal of heavy chlorinated water shall be in accordance with AWWA Standards.
15. All proposed or relocated fire hydrants will be located two (2) feet behind sidewalks unless otherwise noted. Any existing fire hydrant that does not have a check-valve on the project will be replaced with a check-valve hydrant. Any RD Woods fire hydrant on the project will be updated with a new hydrant.
16. All PVC materials and plastic service lines shall bear the National Sanitation Foundation Seal of approval for potable water service.
17. Any non-potable water lines and appurtenant fixtures shall be colored purple for easy identification.
18. Open road cuts greater than 150' require full lane milling and inlay for final repair. All pavement repair will be resurfaced per ACC requirements and details at the Developer's expense. Concrete curb and sidewalk shall be repaired to equal or better by the Contractor at the Developer's expense.
19. US Army Corp of Engineers requirements concerning construction in wetlands must be met.
20. All unsuitable excavated material must be properly disposed of in a manner acceptable to ACC PUD and in a manner that will not adversely impact the environment.
21. Bypassing of raw wastewater onto the ground or into a receiving stream is prohibited by law.
22. All construction will comply with the Department of Labor Occupational Safety and Health Administration, 20 CFR Part 1926, latest edition.
23. None of the sewers, services, or any other utilities associated with this project will be constructed or proposed to be constructed on a solid waste landfill.
24. No trees or structures within permanent utility easement are allowed. The maximum slope shall be 3:1 or flatter in an easement unless approved by PUD.
25. Utility easement for water mains or sanitary sewer lines is twenty (20) feet wide, typical, and thirty (30) feet wide, typical, when combined water and sanitary sewer. Provide a thirty (30) foot width easement when depth of pipe is greater than fifteen (15) feet. When combined, provide ten (10) feet of separation from center to center of water and sanitary sewer lines. If lines are equal to or larger than twelve (12) inch diameter, horizontal separation requirement is ten (10) feet measured from the outside edge of the each pipe. All easements must be properly recorded prior to acceptance of water or sanitary sewer line additions to the PUD utility systems.
26. All sanitary sewer mains shall be SDR 26 PVC or cement lined Ductile Iron Pipe (DIP) unless otherwise specified on plans. Maximum fill on SDR 26 PVC is fifteen (15) feet deep. All sewer service laterals shall be SDR 26 PVC. GA EPD limits the sewer service lateral length to two hundred and fifty (250) feet maximum.

27. Provide a minimum two-tenths (0.2) foot drop across the invert in to invert out in new manhole construction. Provide outside drops for drops greater than two (2) feet. Outside drops require DIP pipe.
28. The Contractor and Developer shall not interfere with the use and operation of ACC's existing water distribution and sanitary sewer collection lines.
29. Upon completion of the utility project, the Developer will submit: 1) A permanent easement conveying the utility lines to PUD together with all appurtenant fixtures; 2) A title opinion from a State of Georgia attorney at law stating that the Developer has good, valid, and marketable fee simple title in and to the property subject only to the utility easements and free from any liens or encumbrances, including deeds to secure debt and currently due and payable ad valorem taxes; 3) An affidavit executed by the Developer stating that all utility improvements to the Property have been completed and that all contractors, subcontractors, laborers, and materialmen have been paid, and have released of record all liens or notice of intent to perfect a lien for labor and materials; and 4) As-built drawings of the utilities, easements, and stub locations.
30. PUD shall not be liable for any costs for the utility project's design, engineering, survey, or construction. Developer accepts sole responsibility for the design and construction of the utility lines and liability for providing individual sewer service to each and every individual point of service, and hereby relieves PUD and agrees to hold PUD harmless for any liability to provide such service to each individual point of service.
31. To the fullest extent allowed by law, the Developer shall indemnify and hold harmless the Unified Government of Athens-Clarke County from any and all claims whatsoever arising out of the design or construction of the utility lines occurring prior to the PUD's acceptance of the lines.
32. Developer warrants the utility construction against any and all defects in design, engineering, materials, and workmanship for a period of twelve (12) months from the date of final acceptance of the lines by PUD. The warranty provided herein includes, but is not limited to, the duty of Developer during the warranty period to make any and all adjustments to the lines necessary to conform to accepted engineering standards and to ACC, Georgia, or Federal regulations, building codes, ordinances, or laws.
33. The Contractor shall provide PUD with a rough grade approval letter from a certified Professional Engineer or Land Surveyor prior to beginning any waterline construction.