

# APPENDIX O

THE FOLLOWING ITEMS ARE REQUIRED ON THE PLANS	
	Projects shall be designed by a Registered Professional Engineer from the State of Georgia. Before a preliminary water or sewer plan is prepared, the proposed development should be discussed with the Water and Sewer Department as to the location, size, etc., and a letter of water and/or sewer availability should be obtained. Engineering reports or flow data tabulations may be required for larger developments, industrial projects, or unusual case projects.
	Approval shall be valid for a period of one (1) year. If construction has not begun within one (1) year, the approval shall be invalid and the plans and specifications must be resubmitted for review, or a written request for approval may be made to the Water and Sewer Department for an extension of time.
	All property lines and right-of-way lines must be properly staked before inspection of water and/or sewer lines. If necessary, after grading of property, the lines are to be restaked.
	Prior to beginning construction, the developer shall give a forty-eight (48) hour notice to the Water and Sewer Department. Authorized representatives of the Water and Sewer Department shall have access to the work for inspection. When all water and/or sewer construction has been completed, the developer or his representative shall meet with a representative of the Water and Sewer Department at the job site. All permits, drawings and construction will be examined at this time to ensure that the work has been completed in accordance with the approved plans and these standards. If additional work is required by the developer, it will be noted at this time and reinspected upon completion. When the construction has been completed and passes the final inspection by the Water and Sewer Department, the developer shall submit to the City of Fayetteville Water and Sewer Department, transfer of ownership documents and two (2) copies of certified as-built plans (24" x 36") for future reference, and copies of the Georgia Department of Transportation (GA DOT) approved permits (if applicable). The City of Fayetteville Water and Sewer Department will prior to the receipt of "certified" as-built drawings and permits require Closed Circuit Television Inspection and video recording of the new sewer system. The Closed-Circuit Television Inspection Technicians will be on the City's approved vendors list. All Closed-Circuit Television vendors must have the capability of creating as-built drawings of the televised system. All cost and or repairs shall be borne by the Developer or Owner of said property. The Closed-Circuit Television Technicians are authorized by the City of Fayetteville Water and Sewer Department to require any and all repairs of said sewer system upon discovery during TV inspection. All inspections will cease until all repairs have been completed. The City of Fayetteville Water and Sewer Department will, upon receipt of the closed-circuit television video, as-built plans from videoing, permits, and certified as-built drawings will issue a letter of acceptance thus beginning the one-year warranty period.
	The offices of the Water and Sewer Department are located at 328 First Manassas Mile, Fayetteville, Georgia.
	Authorized representatives from the Water and Sewer Department will make inspections during construction. This will not relieve the owner of the responsibility to schedule an inspection before work is hidden from view. Failure to do so can stop work and hidden work shall be exposed for inspection.
	The Developer or his agent shall sign for these guidelines.
	Any materials or workmanship found substandard will not be accepted.
	Work must be done during normal week workdays and work hours. The Director of Water & Sewer Department must approve any variation. No fee will be charged for the first inspection or the first reinspection called in. For any additional reinspection's performed, there will be a \$25.00 charge assessed for each reinspection.
	Fire Hydrants shall be placed according to the Fire Protection Ordinance. Fire hydrants will have an appropriate gate valve and a valve box set to grade and level. A gate valve shall be rodded to tee and fire hydrant rodded to valve if shorter than rodded tee, use anchor tee and anchor coupling. A 2' x 2' concrete pad shall be installed at all valve boxes.
	Bore and/or water taps on a State or State-aid Road will require a permit from the State DOT. Since the City of Fayetteville Fayetteville will be the eventual owner of this line; all information shall be submitted to the City of Fayetteville so the City may submit this information to the DOT.
	Any open entrance of water and sewer lines will be plugged to prevent foreign materials from entering when no work on that portion of line is in progress.

WATER AND SEWER GENERAL NOTES (CONTINUED)

	<p>After completion of construction and testing of water or sewer lines and related facilities, but before water will be left on or any meters set, the Owner must furnish the following as a package:</p> <ul style="list-style-type: none"> <li>a. A recorded deed of conveyance to the City of Fayetteville showing the declared value for water and sewer lines and easement for future water and/or sewer line construction should be presented.</li> <li>b. An itemized list of materials from the material supplier complete with project description must be presented.</li> <li>c. The recorded final plat must show all water and sewer line easements with appurtenances. The Department must be furnished with two (2) blue-line copies of "certified as-built" plans. Field notes should accompany two copies of the final water and sewer plan. Sewer laterals shall be measured from manholes and footage to be shown on the as-built drawing.</li> <li>d. All water and sewer lines are subject to field changes if directed by the Water &amp; Sewer Department. At any time during construction, any and all changes are to be noted on final certified as-builts.</li> </ul> <p>e Before acceptance of water lines, a pressure test consisting of a hydrostatic pressure of two hundred (200) psi, which must be held for a length of two (2) hour. A representative from the Water and Sewer Department must be present during the test procedure.</p> <ul style="list-style-type: none"> <li>e. All sewer lines must be televised by an approved Closed-Circuit Television vendor with the capability to provide videotapes, and as-built drawings. At time of acceptance all videotape, as-built drawings, printouts, and related material of said sewer system should be turned over to the City of Fayetteville Water and Sewer Department. All sewer lines must be air tested with the requirement of 5 psi for 5 minutes with no more than a 2-psi loss in that time frame. A representative from the Water and Sewer Department must be present during the test procedure.</li> </ul>
	<p>Before the one (1) year warranty period is over, the Department will inspect the development. The Water and Sewer Department will notify the developer in writing of any problems in the water and/or sewer system. The Department will not accept the maintenance of the development nor release the letter of credit until all corrections have been made. Any damage to meters and boxes will be the responsibility of the developer or owner, and must bear the costs of repairs or replacement before acceptance.</p>
	<p>All plans and construction of water and sewer lines and appurtenances will be subject to review and inspection by the Department, including an independent consulting engineer. However, such review/inspection by the Department shall not relieve the Developer/Installer of proper surveys, design, engineering, and construction. The Department's personnel assume no liability in the performance of reviews, approvals, and inspections.</p>
	<p>The provisions for water line construction shall also apply to sewerage force mains as applicable.</p>
	<p>Tracing wire (14-gauge wire) shall be wrapped around sewer lines, to the clean-outs and extend 12" above ground.</p>
	<p>All pipeline contractors must possess an Underground Contractors License (UCL).</p>