

## **STANDARD NOTES**

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1. All water mains and sanitary sewers must be constructed in accordance with the current LCSA Standards and Specifications.
2. No blasting is permitted within 25' of existing LCSA utilities.
3. Water services must maintain a minimum 6' horizontal separation from sanitary laterals.
4. All LCSA sanitary and water main easements must be 10', unless otherwise noted.
5. Sanitary sewers and water mains traversing lot lines must maintain a minimum 15' horizontal separation from proposed or existing buildings, unless prior permission is granted by LCSA.
6. All hydrants and meter crocks must maintain 5' horizontal separation from edge of driveway aprons.
7. Water mains must maintain a minimum 5' horizontal separation from edge of gutter pan, except at designated crossings.
8. Landscaping is not permitted within LCSA easements, or within 5' of fire hydrants and meter crock locations.
9. All water mains must be class 52 ductile iron pipe, unless otherwise noted.
10. A 2" detectable marking tape must be placed above all water mains outside of pavement.
11. All sanitary sewers must be PVC DR-25 per AWWA C-900, unless otherwise noted.
12. All sanitary sewer laterals must be 4" PVC at 2.08% slope unless otherwise noted and must enter the main at 90 degrees.
13. A 2" detectable marking tape must be placed above all PVC sanitary sewers.
14. Provide positive drainage for sanitary manholes located outside of pavement areas.
15. Top of manholes located outside of pavement areas must be 1' above finished grade. This requirement shall not apply in developed lawns.
16. Existing sanitary manhole shall be core bored in order to receive proposed pipe.
17. Utilities outside the public right-of-way shall be provided with above ground marking stakes, spaced every 100 feet.