

GENERAL SITE UTILITY WATER & SEWER NOTES

1. **Permit** - Approval of this plan shall not constitute a commitment for service or an authorization to begin the site utility system construction. The applicant shall obtain a site utility permit from the WSSC Permit Services Unit before construction may commence.
2. **Permission** - The applicant shall obtain all necessary permits from any Federal, State and/or local permit authority having jurisdiction over any phase of construction associated with the installation of this site utility system.
3. **Pretreatment**- Water and/or sewer service is conditional upon compliance with any current or future Federal, State, and local regulations governing the discharge of wastes to any body of water or to a publicly owned treatment facility. Pretreatment will be required if industrial waste exceeds levels indicated in the WSSC Plumbing and Fuel Gas Code.
4. **Notification** - The site utility contractor shall notify the Plan Review Unit of the Regulatory Services Group at (301) 206-8598 and the applicant's engineer or agent at least 48 hours prior to commencing construction.
5. **Coordination** - When the site utility water and sewer system installation precedes WSSC service connection installation, the applicant is fully responsible for ensuring proper line and grade between the service connection and the site utility system. The site utility contractor shall verify the locations of all WSSC facilities prior to beginning construction. All water and sewer connections shall terminate 5 feet from outside walls of buildings, unless as shown on the approved plans.
6. **Standards** - All site utility water and sanitary sewer construction materials and appurtenances shall comply with the latest editions of the Washington Suburban Sanitary Commission's General Conditions & Standard Specifications, Pipeline Design Manual, Standard Details for Construction, The Plumbing & Fuel Gas Code and this approved plan.
7. **Observation** - A State of Maryland registered professional engineer shall be responsible for general oversight and observation of the site utility system installation for compliance with standards and testing requirements outlined below.
8. **Testing** - The following tests shall be administered by the site utility contractor and, witnessed and reported by the applicant's engineer or agent:

Water, Chlorine residual and bacteriological – Results shall be obtained and reported by an independent Maryland certified laboratory and must include the following statement: “This sample meets federal standards for drinking water and is safe for human consumption.”

Water, Hydrostatic, 200 psi for 2 hours or as specified on this plan.

Sewer, Mandrel shall be pulled through all segments 6” and larger.

Sewer, Gravity, Air test, 4 psi for 5 minutes, for all segments greater than 25 feet.

Sewer, Pressure, Hydrostatic, 100 psi for 120 minutes or as specified on this plan.

All testing equipment shall be furnished by the site utility contractor.

9. **Water Connection** - Connection of the site utility water system to a WSSC service connection, WSSC water main or the building water distribution system is prohibited until the chlorine residual, and bacteriological tests as well as the required hydrostatic tests have been performed and the results reported. The applicant shall submit the reports to the Regulatory Services Group, Plans Review for release of the site utility water system.
10. **Sewer Connection** - Connection of the site utility sewer system to a WSSC service connection, WSSC sewer main or the building drain is prohibited until the applicable tests have been performed, the results reported and found to comply with all requirements. The applicant shall submit reports to the Regulatory Services Group, Plans Review, for release of the site utility sewer system.
11. **Responsibilities** - The applicant and agents shall comply with the requirements of any service connection permit (SCP), relocation work (RMS) or main line extension (SEP) prior to connecting the site utility system to the Commission system.
12. **Certification** – a State of Maryland registered professional engineer’s certification of the site utility system and two print sets of final as-built drawings shall be submitted to the WSSC Regulatory Services Group, Plan Review. The drawing shall reflect any field changes and indicate “ties” for the location of valves, bends, manholes, fire hydrants, appurtenances, etc.
13. **Building Water and Sewer** – This plan may designate “building water”, “building sewer” or a plumbing appurtenance such as an interceptor. The work, shown in “light line” on this plan is for reference only and shall be installed and inspected under a separate WSSC plumbing permit.
14. **Fire Hydrant Color** – Site utility fire hydrants shall be painted red.
15. **Follow-up Inspections** – Manholes and fire hydrants shall receive a follow-up inspection by a WSSC Plumbing Inspector in conjunction with the final plumbing inspection. Manhole construction shall be intact after final paving and grading; and shall meet the Standard Details for Construction. Fire hydrants shall be similarly inspected to ensure valve box access and compliance with WSSC monitoring requirements where applicable.