

Permit Drawing Notes (3/28/24)

New Lateral Connection (Septic Conversion) in Pepper Pike:

1. New pipe installed, min. 6" SDR 35 Lateral @ 1.0% min. Existing lateral piping to be reused, shall be PVC and be size between 4" to 6".
2. Backfill with LSM within the R/W of City Road. Premium back fill under pavement.
3. Follow County standards, notes and Contractor Packet.
4. PVC no-hub coupling if existing sewer is PVC or use Strongback Fernco if VCP sewer per County standards.
5. No glued pipe is allowed.
6. The contractor is required to install Test Tee at the R/W line if one does not exist.
7. Per County standards, the proposed sanitary lateral shall be installed below the footer of the house, any modifications to this standard will have to be approved by the City.
8. The contractor shall verify all the proposed elevations of the new lateral and the existing sewer prior to beginning work.
9. The contractor shall provide pre-construction CCTV of the existing lateral, PVC or VCP pipe. If lateral is shown to have several sags and lateral is holding water, to the point that the camera is under water. County Inspector will contact County Engineer with results, if lateral is not at a constant slope, CIPP may not be an acceptable rehab method. Or if it is an existing PVC pipe is in poor condition, the owner will not be able to reuse the pipe.
10. For this project only (Shaker Blvd Sanitary Sewer), the City of Pepper Pike has approved that any new CIPP liner can be installed in an existing sanitary lateral between the sizes of 4" and 6".
11. CIPP shall be designed and installed per ASTM F1216. Liner calculations shall be provided to the County Inspector showing liner thickness. These calculations shall be signed by a Professional Engineer.
12. After completed lining, Contractor shall provide CCTV video to County Inspector for review and approval.
13. The Contractor shall dye test the home to make sure all sanitary is going to the sanitary lateral, and all storm is going to the storm system. Please note, this dye test may be an additional dye test from any dye testing requirements from the City of Pepper Pike.
14. The new lateral will need to be installed at least 5 FT from the septic tank, and the new lateral needs to run to within 4 FT of the home.
15. The SDR 35 to SCH 40 PVC gasketed solid sleeve coupling for the 6-inch PVC pipe to the 4-inch PVC house piping. Fernco coupling is not acceptable on PVC to PVC connection.
16. Lateral minimum horizontal clearances: Sanitary and water shall be 5 FT, Sanitary and storm shall be 5 FT and Storm and water shall be 5 FT.
17. Roof drains, foundation drains, and other clean water connections to the sanitary sewer are prohibited.
18. Garage drains may tie into the storm system, as long as no other sanitary connections are tied into the garage drain per the City of Pepper Pike. The contractor would need approval from City of Pepper.
19. Basement drains may tie into the storm system, as long as no other sanitary connections are tied into the drain per the City of Pepper Pike. The contractor would need approval from City of Pepper, and approval is on case-by-case decision. Please note, some basement drains are tied into the foundation drains, and these sewers can not tie into the sanitary sewer.

House Address: _____

Contractor check list for all New Lateral Connection – Pepper Pike (Septic Conversion): Shaker Blvd.

1. The contractor is to install all new lateral piping, min. 6" SDR 35 Lateral @ 1.0% min. from the test tee at R/W to 5 FT from the house. Yes Any deviation from these notes. Provide detail.

2. Per County standards, the proposed sanitary lateral shall be installed below the footer of the house. Below the Footer Above the Footer. Provide detail.

3. Basement floor drains, sinks, laundry and garage drains shall tie into the sanitary sewer via gravity. Yes Any deviation from these notes. Provide detail.
(City may require any plumbing modification prior to the County approving the permit)

4. Please provide additional plumbing fixtures information.

Number of Bathrooms	
Location of Laundry room	Basement / 1st Floor / 2nd Floor / Garage
Bathroom or Kitchen in basement	YES / NO
Grinder pump (SAN) in basement	YES / NO
Utility sink in basement	YES / NO
Utility sink or floor drain in garage	YES / NO
Sump pump (STM) in basement	YES / NO

Contractor's signature

Any deviation, need City approval and signature, see red boxes
