

March 25, 2022

Monte Lewis, P.E.
E. D. Lewis and Associates, P.C.
2116 Spencer Road
Richmond, VA 23230

**RE: Shake Shack at WPSC
5401 S Laburnum Ave
File No: 4924; POD2022-00043**

Dear Mr. Lewis:

The Department of Public Utilities has completed a review of the water and sewer plans that are part of the plan of development submitted to the Planning Department on March 1, 2022.

DPU recommends approval of these plans by the Planning Commission.

Please address the following comments before submitting the construction plans for signature.

General:

1. An Information Sheet for Preparation of Agreements for Water and/or Sewer Service has been submitted. The Information Sheet allows the Department of Public Utilities to prepare the Water and Sewer Agreements which must then be executed by the Owner and the County prior to approval of building permits or prior to the utility pre-construction meeting and authorization to proceed with utility construction. It is recommended that the Information Sheet be submitted as soon as possible to avoid delays in either of these steps. Preparation of the Agreements may take up to 15 days after receipt of the Information Sheet and execution by the County after execution by the Owner may take up to 10 days. Conflicts between the completed Information Sheet and the plans may generate additional review comments.
2. Provide an original signature and date on the engineer's seal on the cover sheet.

Sheet D7:

3. The Required Fire Flow should be 500 gpm instead of 750 gpm. The minimum required fire flow is 500 gpm.
4. Provide D-435 detail on the plans.

DEMO-1:

5. Provide a note on the plan indicating all existing utilities to be abandoned shall be done in accordance with DPU Standards 1.4.01C and 10.3.10.
6. Provide a note to see plans titled, "Shake Shack at Willow Place Utility Disconnect Plan, Dwg File No: 2022-031, by E. D. Lewis and Associates, P.C." for information concerning existing utilities.
7. Reference the size and meter number for the domestic and exclusion meter on the plan.
8. Show and identify the existing detector check and backflow preventer will be abandoned with this project.
9. Show all existing utility easements and reference the deed book and page numbers. See utility plan sheet as well.

CS-101:

10. Provide a blow up of the domestic and fire service connection area so the utility can be clearly seen on the plans.
11. Specify the reconnection to the domestic/exclusion meter service lines since a plug was installed for the disconnection plan.
12. Additional easement will be required around the boundary valve and existing meter.
13. Label the onsite sanitary sewer service as "private".
14. Label the material of the existing water line prior to the fire service line connection.
15. Reference the sheet location of the backflow preventer details in the backflow preventer callouts.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4508 or John Yi at 501-4511.

Sincerely,



Alice Thompson
Utilities Engineer

cc: Ashley Peace, Sauer Properties, Inc.

bc: Ralph Claytor
Megan Gallagher
Daniel Ivy
Marchelle Sossong
Aimee Crady, Planning

ANT/vr

REVISED CONSTRUCTION PLANS REQUIRED