

February 27, 2019

Ryan Ritterskamp, P.E.  
Timmons Group  
1001 Boulders Parkway, Suite 300  
Richmond, Virginia 23225

RE: AutoZone at John Rolfe Commons Shopping Center  
2150 John Rolfe Parkway  
File No. 5406 POD2019-00072

Dear Mr. Ritterskamp:

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 February 8, 2019 and received by DPU on February 13, 2019.

DPU recommends approval of these plans by the Planning Commission.

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

**General:**

1. Agreements have not been executed at this time. Agreements must be executed prior to the authorization to begin utility construction or approval of building permits. An Information Sheet for the Preparation of Utility Agreements has been submitted for review. If the Information Sheet is incomplete when submitted, we will send you comments for correction and resubmittal. If the required Information Sheet is complete when submitted, an Agreement will be forwarded to the Owner for signature within 21 days.

**Cover Sheet:**

2. Provide dark lines for the streets to ensure map can be legible when scanned.
3. Coordinate building construction type, under site data, with that shown in the ISO fire flow estimate form.

**C2.1 (Demolition Plan):**

4. For a service not to be reused, show abandonment of the service at the main with the note "connections will be abandoned at the main in accordance with DPU Standards 1.4.01C. and 10.3.10.

**C4.0 (Utility Plan):**

5. Provide additional utility easement for new water meter location.

6. The location of the proposed new water service connection is not acceptable. Provide 5' of separation between the existing 2" corp. stop and the proposed corp. stop.
7. DPU doesn't allow legends, having utility items with a number and note table, to replace direct callouts. The lines and appurtenances must be labeled directly on the plan. See demolition sheet as well for labeling abandonment of existing water service.
8. Reference detail D-405 for the domestic RPZ.
9. Correctly label the size of the existing sanitary sewer as 8" instead of 6". Revise the demolition sheet as well.
10. Add a note on utility plan view sheet C4.0 referring the contractor and utilities inspector to abandonment of utilities to be performed as shown on the demolition sheet.
11. Coordinate with MEP and show location of domestic RPZ within the building footprint.
12. The existing lateral stub elevations are lower than adjacent sewer manhole inverts. In addition, lateral slope is much less than our requirements and what our as-built records show. Resolve and confirm these elevations for the lateral.

**C4.2 (Utility Calculations):**

13. Revise water and sewer material quantities in accordance with all comments and per the following:
  - Label sewer quantities as "private".
  - Include the proposed 1 1/2" domestic RPZ.
14. Revise the number of fire hydrants required to "2" within the ISO form.
15. Given the proposed fixture unit count, provide a more appropriate water meter size of 5/8" and install meter and service per D-520 and D-525 with reference in plan view callout.

If you have any questions concerning the above noted comments or the plans, please contact me at 501- 4501 or Ireini Botros at 501-4512.

Sincerely,



John L. Clark, P.E.  
Utility Engineer

cc: Kevin Murphy, AutoZone Development, LLC

bc: R. Claytor  
C. Duverné  
M. Gallagher  
I. Botros  
Christina Goggin, Planning

INB/tt

