

March 24, 2022

Hamilton Bushey, P.E.
Draper Aden Associates
1030 Wilmer Ave, Suite 100
Richmond Virginia, Virginia 23227

**RE: Woodspring Suites Extended Stay Hotel
4615 Williamsburg Road
FILE NO. 5547 POD2021-00465**

Dear Mr. Bushey:

We have reviewed in more detail the construction plans previously submitted to the Planning Department on February 25, 2022 and received by DPU on March 1, 2021.

Please address the following comments and **resubmit revised construction plans** for review. Water and Sewer Agreements that must be executed by the Owner and the County for water and sewer improvements **have not** been executed.

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 not 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.
2. As previously requested, please provide Engineering Report (form F1) and the Notice of Intent to discharge (form F-12). Our apologies, but it appears that we never received these.

C1.0 (Cover Sheet):

3. Original signature is required on the P.E. Seal on the Cover Sheet. A facsimile of seal, signature and date is acceptable on all other sheets.

C5.1 (Utility Plan):

4. Provide a tabulated list of water and sewer material quantities for this project. Delineate between private and public owned utilities.
5. Show all existing laterals for this site within Williamsburg Road. The lateral on the west side of the property frontage is not shown. Abandon the existing sewer laterals that are not needed to serve this site at the main. Add a note stating that "sanitary sewer laterals are to be abandoned consistent with DPU Spec. 1.4.01C and 10.3.10".

6. There is a manhole adjustment note that may be covering up the following information previously requested:
 - Label 8"AC sewer main onsite east of the proposed building.
 - Label and reference the size of the existing utility easement for the existing sewer onsite on the utility plan sheet. Also, clearly and prominently show the deed book and page number for the existing utility easements shown on the plan.
7. Per D-530 detail, provide an 8" x 4" tee and 4" valve for the domestic water service.
8. Provide 5' of separation between the fire service line and the domestic water service line up to the water meter vault and boundary valve locations.
9. Specify the size of the reduced pressure detector assembly for the fire line and include in the material quantities.
10. Locate light pole outside of the utility easement.

C7.0 (Profiles):

11. Revise water and sewer profiles in accordance with the utility comments and per the following:
 - Use an elliptical or circular symbol for tees and the sideways oriented hourglass symbol for valves.
 - Show the 8"x8" tee near station 1+00 in waterline A profile.
 - Identify the tees for the fire line, water service, and fire hydrant in both waterline profiles.
 - Label 6" waterline crossing near station 1+55 as the FDC line.
 - Show the valve symbol near station 0+00 of waterline B.
 - Lower sanitary sewer so that the waterline with 3.5' minimum cover can cross over the sanitary sewer with 18" of separation and no vertical adjustment is needed for waterline B. Also, provide a standard depth manhole for manhole A consistent with this separation requirement since there is plenty of available grade.

C11.5 (Utility Details):

12. Based on the updated combined fixture value total in the meter calculations form, dual 1 1/2" meters will now be required instead of the 2" meter.
13. Revise water system calculations to use a C value of 120 per DPU Design Standards.

L1.1 (Landscape Plan):

14. There is a conflict between landscaping (David Viburnum) and the proposed domestic water meter vault and fire line boundary valve. Either adjust landscaping or relocate these appurtenances so they will not be encumbered or covered up in the future.

Hamilton Bushey, P.E.
March 24, 2022
Page 3

Woodspring Suites Extended Stay Hotel

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

John Clark, PE
Utility Engineer

cc: Doug Ellis, Suburban Capital, Inc.

bc: R. Claytor
M. Sossong
I. Botros
D. Ivy
M. Gallagher
Tony Greulich, Planning

JLC/tt