

June 30, 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 the construction plans previously submitted to the Planning Department on June 9, 2022 and received by DPU on June 10, 2022.

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 been submitted and is being reviewed. If the Information Sheet is incomplete, we will send you comments for correction and resubmittal. If the Information Sheet is complete, 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). DPU has still not received these documents.

**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.
4. Revise material quantities in accordance with all comments and per the following:
  - Coordinate 8" waterline pipe material with the utility plan.
  - Include the 18" steel casing pipe within the quantities.
  - Label 16" x 8" tee as a 16" x 8" tapping sleeve and valve (TS&V).
  - Label 4" PVC waterline as DIP per DPU D-540. DIP is required up to and just after the meter vault at a minimum.
  - Include reference to D-540 for 1 ½" dual meters and list quantity as 2.
  - Label 4" backflow preventer as 4" reduced pressure detector assembly.

**C5.1 (Utility Plan):**

5. Provide 18" steel casing pipe per DPU Standards 2.2.05L&M with 8" DIP water main for the crossing of Williamsburg Road. In addition, provide the following:

- Provide larger bore and receiving pits. For one similar project doing the same sized waterline, a bore pit of 35'x 12' and receiving pit of 10'x10' was shown.
  - Include the standard VDOT casing pipe detail from the Road and Bridge Standards and eliminate the leak detector.
  - Provide stationed length of casing pipe on the plan and profile.
6. Provide DIP for 8" waterline from the 16" x 8" tapping sleeve and valve to the first 45-degree horizontal bend at a minimum.
  7. Per DPU Standards, provide two valves at the 8" x 8" tee with the second one between the tee and second 45-degree bend. Show this valve on the profile as well.
  8. Label 4" domestic waterline as DIP up to the meter as a minimum.
  9. Include a reference to D-540 within the callout for the 1 1/2" dual meters.

**C7.0 (profiles):**

10. Revise the following for waterline A profile:
  - Revise size of receiving and bore pits.
  - Show and label the casing pipe size and stationed length.
  - The existing abandoned 10" waterline would seem to be left in place and not partially removed based on VDOT objective of not disturbing the road. Given the casing pipe size and questionable separation distance available in the field, show a reverse tap for the waterline with the 18" casing pipe sufficiently below where the 10" waterline might be.
11. Label the two (2) vertical 45-degree bends in waterline B profile.
12. Add a note for each pair of 45-degree bends that this is a partial vertical waterline adjustment per D-485.

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

Sincerely,

*John L. Clark*

John Clark, PE  
Utility Engineer

cc: Doug Ellis, Suburban Capital, Inc.

bc: Ralph Claytor  
Marchelle Sossong  
Daniel Ivy  
Tony Greulich

JLC/tt