

May 13, 2011

Charlie Kreye, P.E.  
Draper Aden Associates  
8090 Villa Park Drive  
Richmond, VA 23228

**RE: BAC VA Greenfield POD  
5900 Elko Road  
File No. 5067; POD No. 04-011**

Dear Mr. Kreye:

We have reviewed the construction plans submitted to the Planning Department on May 3, 2011.

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.

**Sheet C6.0H:**

1. A waterline adjustment appears to be missing from the storm sewer crossing between STR-32 and STR-33.
2. Why is there a waterline adjustment symbol and callout shown between STA: 12+00 and STA: 13+00? Also, review the waterline adjustment callout between STA: 42+00 and 43+00.
3. The existing monitoring manhole appears to be labeled as MH-1 on the utility plan and labeled as MH-X9 on the sewer profile. Coordinate the utility plan with the sewer profile.
4. Provide an encasement pipe around the sewer main where it crosses underneath the proposed fence. Be sure to provide 10' of encasement pipe on either side of the fence.
5. Provide an internal angle of 90° at MH-2 sewer lateral connection.

**Sheet C6.0I:**

6. A waterline adjustment is shown between STR-45 and STR-49 but is shown to be located overtop of the sewer pipe on the storm sewer profiles. Review and revise Sheet C-9.10 as well.

**Sheet C9.4:**

7. Indicate the vertical clearance between the waterline and storm sewer crossings between MH-45 and STR-49.

**Sheet C10.10:**

8. Since the required Fire Flow for the Generator Building is more than 1000, then two fire hydrants will be required for this building.
9. As previously commented, provide detail information and documentation regarding the Maximum Mechanical Demand that was included on the Domestic Meter Sizing Form.

**General:**

10. Provide DPU a copy of the Mechanical Drawing of the internal piping for the cooling tower systems and storage tanks as well as the piping from the storage tanks to the sewer systems. Be sure to include all flow information on the Mechanical Drawing as well.
11. Agreements have not been executed for this project. The Owner and the County must execute Agreements prior to authorization to proceed with construction of County water and sewer improvements.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4508, or Alvin Christian at 501-4500.

Sincerely,



Alice Thompson  
Utilities Engineer

cc: Michael Mace AIA, Bank of America Corporation, C/O Page Southerland Page, LLP  
Toney Hall, Industrial Development Authority of the County of Henrico, Virginia  
bc: R. Claytor  
Amy Seal, Tyrone Watkins  
T. Greulich, Planning

ANT/cww