

July 19, 2023

Nisit Sapparkhao, PE
Infinity Engineering Group, LLC
1208 E. Kennedy Road
Tampa, FL 33602

**RE: Bank of America – Willow Lawn
5000 West Broad St.
POD NO: 2023-00121**

Dear Mr. Sapparkhao:

We have reviewed the construction plans submitted to the Planning Department on June 30, 2023.

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. An Information Sheet for Preparation of Agreements for Water and/or Sewer Service has been turned in but has not yet been executed. The Information Sheet allows the Department of Public Utilities to prepare the Water and Sewer Agreements that must then be executed by the Owner and the County prior to approval of the utility plans or building permits. It is recommended that the Information Sheet be submitted as soon as possible to avoid delays on approval of plans. Preparation of the agreements may take up to 15 days after receipt of the Information sheet. 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. As previously commented, remove the bubbles from the all the sheets on the plans.

Demo Plan C01.01:

3. Remove the first 2 numbers for the water meter number reference. It should read 61992032.
4. The deed book and page number for the 16" utility easement that extends from parcel 773-738-5789 to this parcel is incorrect. Coordinate the recorded information with the Henrico County Circuit Court Clerk office.

Utility Plan C04.01:

5. Is there a reason why a 6" line cannot be installed in lieu of the 8" line between MH-EX and the new manhole? This will avoid the need to install a manhole.
6. Reference the internal angle at the manhole connection.
7. DPU recommends moving or relocating the proposed light pole back approximately 8-10 feet from the proposed sewer lateral.
8. Utilities to be removed and abandoned should be removed from the utility plan sheet and only be shown on the demolition sheet.
9. Label the size of the backflow preventors.
10. The sheet number for the domestic backflow preventor is incorrect.

11. Update the utility quantity list. Remove anything from the quantity list that isn't on the utility plan.

Details C12.06:

12. If the Total Fire Flow is 1250 gpm on the Fire Flow Estimate Form, how did the required fire flow increase to 1250 gpm?

Details C12.07:

13. Show the proposed sanitary sewer invert in and invert out on the sanitary sewer profile.
14. Label the type of manhole cover and detail number of the manhole cover on the sewer profile.
15. Show the water line crossing the storm crossing on the section A-A cross section. Be sure to reference the vertical clearance. There should be a minimum of 18" of vertical clearance between two pipes.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4992 or Alice Thompson at 501-4508.

Sincerely



Nolan Ekers
Utilities Engineer

cc: Stephen Hruska, 5000 Richmond LLC

bc: Ralph Claytor
Marchelle Sossong
Mike Aust, DPW
Daniel Ivy
Todd Rigler, Planning

NBE/djm