

January 8, 2021

Monte Lewis, P.E.  
E. D. Lewis and Associates, P.C.  
2116 Spencer Road  
Richmond, VA 23230

**RE: Libbie Mill Midtown Pad 8 Apt**  
**LOCATION: Libbie Lake South St**  
**FILE NO. 4902; POD2020-00524**

Dear Mr. Lewis:

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 December 22, 2020.

DPU recommends approval of these plans by the Planning Commission.

Please address the following 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 and is being reviewed. If the Information Sheet is incomplete when submitted, we will send you comments for correction and resubmittal. If the required Information Sheet complete when submitted, an Agreement will be forwarded to the Owner for signature within 21 days.
2. Landscaping and lighting plan cannot be approved until final utility layout has been approved.

**Sheet D6:**

3. Provide an updated available flow from Marcello and update the water line fire flow/map on the plan sheet.
4. Update Material Quantities per plan comments.

**Sheet UTIL-1:**

5. Provide a north arrow on the utility plan.
6. Reference the "Libbie Mill Phase 2 of Phase 1A, by ED Lewis & Associates, DWG File No. 2014-062" for information concerning existing utilities.
7. Shift the boundary valve within the utility easement.
8. Label the size and material of the fire service line between the water main connection and boundary valve as 6" DI.
9. The proposed water meter is in the sidewalk. Shift the water meter south in the grass island to relocate the meter out of the sidewalk.
10. A fire hydrant is required at the end of the water main for adequate flushing of the water line.
11. Label the distance from the water main to either the face or back of curb on the plan.
12. Reference the size and material of the proposed water main.
13. Reference the sheet location of the backflow preventer detail.
14. Is the fire wall rated 1 or 2 hours? Specify on the utility plan and ISO form.

15. Clearly show and label the proposed utility easement on the utility plan.
16. Provide the GIS MH ID and the manhole field rim and invert information for the existing manholes shown within the area of the plan sheet.
17. Provide the internal angle at the manhole connection.
18. Label the material of the proposed sewer lateral.
19. Shift the CO near the proposed sewer lateral at the edge of the utility easement.
20. Clearly show the existing manhole (T=195.84) on the plan. The manhole appears to be in the gutter pan. Redesign the driveway to shift the manhole out of the gutter pan.

**PROF-1:**

21. Reference the 2" corp. stop and 8" x 6" tee (boundary valve connection) on the Libbie Lake South St Water Profile.
22. Adjust the 4" FDC line under the water main on the Libbie Lake South St Water Profile.
23. Use a pier support and select backfill 21A or B between the 30" storm sewer and 6" sewer lateral.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4508 or John Yi at 501-4511.

Sincerely,



Alice Thompson  
Utilities Engineer

cc: Shane Finnegan, Midtown Land Partners LLC, Suite 100

bc: R. Claytor  
M. Gallagher  
A. Crady, Planning

ANT/tt