

July 12, 2022

Zackary A. Wilkins, P.E.
Townes Site Engineering
1 Park West Circle, Suite 108
Midlothian, VA 23114

RE: QTS East - Phase 2
6000 Technology Boulevard
FILE NO: 5457 POD2022-00220

Dear Mr. Wilkins:

We have reviewed the construction plans submitted to the Planning Department on July 1, 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. Remove Forms F-1, F-2, and F-7 from the plan sheet and provide a hard copy for DPU files.
3. Review the following comments pertaining to Water and Sewer Calculations (F-1):
 - a. The Equivalent Residential Units and Average Design Flow (GPM) on the Water and Sewer Design Calculations (F-1) are incorrect. Review and revise the subsequent calculations as necessary.
 - b. Page 2 of F-1 is not filled out completely. Provide the lowest residual pressure in system at total design peak flow.
4. Provide an updated Local Review Form for the QTS East Phase 2 project.

Sheet C-12 (Utility Layout):

5. As previously commented, there is no waterline adjustment at STA 17+65 on Waterline E per the water line profile. Coordinate the utility plan with the water line profiles.

Sheet C-22 (Storm Profiles):

6. There is no water line crossing shown on the utility plan between STR-201 and STR-203. Update the storm profile to show the correct location of the water line crossing.
7. Show the water line crossing between STR-211 and STR-213.

8. Show and/or label the concrete pillars on the storm sewer for the utility crossings between STR-213 and STR-215.

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,

A handwritten signature in black ink, appearing to read 'AT' or 'Alice'.

Alice Thompson
Utilities Engineer

cc: Sarah Blue, Quality Investment Property Richmond, LLC

bc: Ralph Claytor
Marchelle Sossong
Daniel Ivy
Tony Greulich, Planning

ANT/vr