

April 20, 2018

Anne W. Tignor, PE  
Youngblood, Tyler and Associates, PC  
P.O. Box 517  
Mechanicsville, VA 23111

**RE:** Holloway at Wyndham Forest Section 4  
Nuckols Rd  
File No: 4978; POD NO: 2018-00131

Dear Ms. Tignor:

The Department of Public Utilities has completed a review of the water and sewer plans that are part of the final subdivision plans submitted to the Planning Department on April 6, 2018.

Please address the following comments before submitting the construction plans for signature.

**Sheet 1 of 16:**

1. Revise water and sewer material quantities in accordance with all comments.

**Sheet 2 of 16:**

2. Update the overall to match with any changes in the utilities plan.

**Sheet 6 of 16:**

3. Revise the proposed sanitary sewer alignment to be out and away from the energy dissipater area.
4. Show the location of the driveway for each lot to ensure no water meter or SIP will be installed within driveways.
5. Show the location of the 6" valve next to the reducer. If there is not enough room to install it between the reducer and the bend, then move it to the other side of the water line adjustment.
6. Lighten the line represented line L1 to distinguish it from the sanitary sewer lateral for lots 9 and 25. Label the 2 sanitary sewer laterals.
7. Recommend to label to install the fire hydrant assembly per detail d-495.
8. Recommend adding the following note: "Electronic markers (ball type) shall be installed on all water mains and sewer gravity mains in accordance with specification 2.2.05N and 4.2.02E of the 2014 DPU Design and Construction Standards."

**Sheet 8 of 16:**

9. Review the proposed sanitary sewer depth. It appears that the sewer is a little deeper than needed to serve this subdivision.
10. Proposed manhole top at manhole #1 should be 12" above final grade.
11. Label the amount of clearance between the storm sewer and the water main in the storm profile. Please include pipe thickness in your calculation.

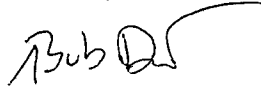
12. Revise the amount of clearance between the storm sewer and the water main shown in Maben Hill Lane profile to match with the clearance shown in the storm profiles.
13. Recommend showing the sanitary sewer crossing in storm 15 to 16 profile.

**General:**

14. 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 not been submitted for review. 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.
15. Signature and date is required on the PE seal of each sheet of the plan.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4601.

Sincerely,



Bob Dao  
Utilities Engineer

cc: Craige Shelton, HHHunt Corporation

bc: R. Claytor  
S. Jackson, DPW  
Planner, C. Goggin

BQD/TT