

May 23, 2016

Aaron Breed, P.E.
Balzer & Associates, Inc.
15871 City View Drive, Suite 200
Midlothian, VA 23113

**RE: Happy Boxes Staples Mill Road
8701 Staples Mill Road
File No. 5227; POD2016-00226**

Dear Mr. Breed:

We have reviewed the construction plans submitted to the Planning Department on May 5, 2016.

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.

C01 (Cover Sheet):

2. Revise water and sewer material quantities in accordance with all comments and per the following:
 - Revise the "1" backflow preventer" to be "1" reduced pressure backflow preventer"
 - Revise the size of PVC lateral to be 6".
 - Coordinate sewer lateral length with the utility plans.

C04 (Utility Plan):

3. Provide 6" sanitary lateral for non-residential discharge as required by DPU Standards.
4. Revise the callout note "1" backflow preventer" for the domestic meter to be "1" reduced pressure backflow preventer" and reference DPU detail (D-405) in the callout.
5. Show the storm sewer facilities on the utility plan sheet to allow for verification of design coordination.
6. Relocate fire line to be at least 6 feet from the water service.
7. Reference CWB/CSB sheets 261SE in the bottom right corner of the plan sheet on the utility plan.
8. Include a detail for traffic rated cleanouts. See suggested attached example.
9. Provide a tee with two valves in lieu of the two 45 degree bends in Janway Road where waterline extension begins. Provide 8" DIP up to the tee.

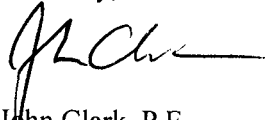
10. Relocate the FDC to within 50 feet of the dedicated hydrant and position along the same side of Janway Road frontage as this hydrant.

C08 (Profiles):

11. Show fire line and water service crossings in storm sewer profile for structures 1 thru 9.
12. Revise the callout note "prop. 8" waterline" to be "prop. 6" waterline" between storm structures 6 and 4.

If you have any questions concerning the above noted comments or the plans, please contact me at 501- 4501, or Ireini Botros at 501-4512.

Sincerely,



John Clark, P.E.
Utility Engineer

cc: Angela Reagan, Suburban Management Group, Inc.
bc: R. Claytor
I. Botros, A. Seal, C. Duverne
M. Ward, Planning

JLC/mab

Traffic Rated Cleanout Box

