Mark E. Williams, P.E. Willmark Engineering, PLC 10102 Whitesel Road, Suite B Ashland, VA 23005

RE: Tabernacle Pentecostal Church

10509 Greenwood Road File: 5140; POD 2013-00195

Dear Mr. Williams:

We have reviewed the construction plans submitted to the Planning Department on August 9, 2013.

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. Owner to submit executed green card prior to final utility plan approval by DPU.

C2.1 (Site and Utility Plan):

- 2. Show existing waterline using a bold dashed line for improved legibility of scanned documents.
- 3. Improve legibility of all existing waterline valves shown on the utility plan view. Also, our records show that there is a 16" valve at the branch of the tee within the Francis Road and Greenwood Road intersection. Please locate and confirm.
- 4. There is inadequate distance from the proposed sidewalk for the existing hydrant assembly to remain near the corner of Francis Road and Greenwood Road. Therefore, provide a new hydrant at the P.T. on the south side of the Greenwood Road entrance and properly abandon the existing hydrant assembly. Abandonment shall include closing and thrust blocking the hydrant valve and removing the valve box in addition to removal of the hydrant assembly. Include the following note: "Relocation of existing hydrants is not permitted. Where existing hydrants are disturbed, new hydrant materials are required and the old hydrants are to be returned to DPU Operations Division."
- 5. Shorten the proposed hydrant lead (4.5 feet minimum possible) at the Francis Road entrance so that this hydrant is closer to the road and more accessible for use on other nearby properties.

6. Specify the size of the domestic backflow preventer on the plan view and include this in the material quantities.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4501 or Hyung (John) Yi at 501-4511.

Sincerely,

John Clark, P.E. Utilities Engineer

cc:

Sam Samuels, Tabernacle Pentecostal Church, Inc.

David Hanky, Haley Builders

bc:

R. Claytor

J. Yi, A. Seal

C. Goggin, Planning

JLC/mab