



COMMONWEALTH OF VIRGINIA
COUNTY OF HENRICO

DEPARTMENT OF PUBLIC UTILITIES
(804) 501-4517

INTER-OFFICE MEMORANDUM

TO: Todd Rigler, Planning
FROM: John Yi, Public Utilities
SUBJECT: Dollar General Market at 1799 Bickerstaff Road, POD2023-00415
DATE: October 4, 2023

We have reviewed a concept plan for the referenced project submitted to the Planning Office on September 19, 2023. This concept plan is to build 12,480 sf Dollar General store at 1799 Bickerstaff Road. Comments are intended to provide guidance for requirements for design and construction of the water and sewer service that will be provided by the County systems. The levels of detail provided in the following comments are based on the amount of detail provided on the plan. Proposed water and sanitary sewer pipes are not shown on this concept plan.

General:

1. Construction Plans submitted for review need to be sealed and signed by a Professional Engineer or a Land Surveyor B.
2. There is a 12" and 8" water pipe located north of the lot in Old Oakland Rd and an 8" water pipe located east of the lot in N Midview Rd.
3. There is an 8" sanitary sewer pipe located in Old Oakland Rd. The existing 8" sewer is encased with concrete approximately 250' long. The following options for sanitary sewer connection are below:
 - No connections to the casing pipe are allowed. A sewer lateral connection outside of the casing pipe will be allowed in Old Oakland Rd; however, a grinder pump will be needed for the connection to the sewer lateral. Be advised, approval from DPW is required for installation of a private utility line to be installed in the ROW.
 - Most of the sewers serving this area were installed in the 1970s. The older sewers were not installed at adequate depth to serve the entire area. The existing sewer in Old Oakland Rd (near the 10" CONC sewer connection) could be replaced downstream of approximately 1,800' to allow service to this property.
4. Provide Henrico County DPU Fire Flow Estimate Form (F-9) to determine the fire flow needs.
5. Fire protection requirements cannot be determined for this project at this time. ISO calculations have not been provided with this plan. Be advised, hydrant locations will be determined after ISO calculations have been provided and reviewed. DPU Standards require that adequate hydrants be provided such that the maximum hose lay from any hydrant to the structures does not exceed 350 feet.
6. Provide Henrico County DPU Meter Sizing Form (F-8) to determine what size meter will adequately serve this site.
7. Provide a Notification of Intent to Discharge (Form F-12) for the proposed project and a monitoring manhole may be needed.
8. Agreements for water and sewer service will be required for this project.

If you have any questions, please call me at 501-4511 or Alice Thompson at 501-4508.

Sincerely,

John Yi
Utilities Engineer

cc: Jamie S Encinosa
Matt Hasting, PE, Summit Design and Engineering