

Anne Anderson

From: Anne Anderson
Sent: Monday, August 19, 2019 9:28 AM
To: Aaron Falkosky
Cc: Pete S; Town of Burke Clerk/Treasurer
Subject: Sachs Drainage
Attachments: Concept Plan 8-14-19.pdf; Existing 8-14-19.pdf

Aaron,

Upon site visit and review of proposed conceptual layout (8-14-19) for the Sachs CSM property, the following clarifications and additions have been made to the July 9, 2019 memo:

1. Depth in the ponded area of the drainageway should be assumed to be the peak elevation of the pond during the 25-year runoff event or 1 foot of depth, whichever is greater.
2. The 25-year and 100-year back to back storm events shall be reported. The design shall safely pass back-to-back 100-year storm events using the pond storage above the normal water elevation from Item 1).
3. The design shall show peak elevations in the swale/pond for the 25-year and 100-year, 24-hour runoff events.
4. The design shall not flood abutting properties. 5401 Sunnyburke Drive topographical data shall be included in submittal, including the lowest opening of the structure on the property. Maximum elevation of 955.0 during the 100-year event assuming water is in the pond at the start of the 100-year runoff event.
5. An outfall structure should be included in the pond with a pipe at the downstream side, extending to the west property limits. The pipe shall be capped and have an invert elevation at the property line of 951.00.
6. Drainage easement shall be provided for the drainage swale and pond. The pond easement shall extend a minimum of 12 feet outward from the pond top of berm.
7. Pond maintenance agreement recorded with the CSM shall be provided. The maintenance will be the responsibility of the Owner.
8. Grading in ROW is allowable as long as a 3 foot shoulder is provided at 4%, maximum side slope 3:1.

Call or email with questions,

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