

Development Clerk

From: Ohle, Tyler <Tyler.Ohle@ontswcd.com>
Sent: Tuesday, March 03, 2020 4:00 PM
To: devclerk@townofcanandaigua.org; 'cjensen@townofcanandaigua.org'
Subject: Application No: CPN-20-006 / 4526 County Road 16

To All,

This office is in receipt of the site plan for the property referenced above and an onsite wastewater treatment system design submitted by Grove Engineering. After review and a site visit, this office offers the following comments/concerns.

The deep hole soil test conducted by Grove Engineering shows a seasonal high water table at a depth of 38" below grade. NYS DOH requires a two (2) foot separation distance from the bottom of a leach line trench to a seasonal high water table. The proposed conventional system just meets this requirement.

The foundation/gutter drain and proposed soil grading of a swale are directed to a drywell uphill of the proposed leach area. This has the potential to increase hydraulic point loading, which could artificially raise the seasonal high water table. To the same effect, increased runoff from the asphalt driveway may impact the leach area. If these water mitigations practices, or lack of, remain unchanged this office is requesting a curtain drain to intercept the added storm water. Proper separation distances between the curtain drain and leach area must be met in order to prevent "short circuiting" of the onsite wastewater system.

This office has also requested the square footage of the proposed residence to verify it meets the increased design standards of the Town of Canandaigua's On-site Wastewater treatment Law, section 202-6.

Feel free to contact this office with any questions,

Tyler Ohle
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Ontario County Soil and Water Conservation District
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[Canandaigua Lake Watershed Inspection Program](#)

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