

Development Clerk

From: Day, Christopher D <Christopher.Day@co.ontario.ny.us>
Sent: Tuesday, May 28, 2019 11:52 AM
To: devclerk@townofcanandaigua.org
Cc: McElligott, Timothy G; e2blaze@gmail.com; Wright, Bill C; 'Anthony Venezia (aavenezia@gmail.com)'; Phillips, Linda; Berry, John E; Havens, Donald E
Subject: RE: #4134 CR 16 - Blazak Family Site Plan
Attachments: Venezio Sketch Plan.pdf; 18161 Blazak Permitting Set 032119 (1).pdf; Town of Canandaigua Memo.pdf

Town of Canandaigua Development Office,

We have reviewed the application for the property located at 4134 County Road 16 as requested in the your memorandum dated May 20, 2019 (attached) and have the following comments.

- 1.) The applicant has already submitted a permit application to the County for work on this property. The site plan for that application is titled "ONE STAGE ... SITE PLAN SET" dated 1/15/19 and is attached. The comments for that applications are included below and still remain unresolved.
- 2.) The sketch plan (dated 5/17/19) for the most recent application shows a Proposed Boat Accessory Structure to be constructed within the right of way of County Road 16. This structure is not shown on the initial site plan discussed above in item 1.
- 3.) The 5/17/19 sketch plan also shows proposed utility lines in the County right of way. These utilities were also not shown in the 1/15/19 site plan and will require additional review and approval by the Town of Canandaigua Water District, County Sewer District and by the County DPW. Additional details and requirements will be necessary to permit these utilities in the County right of way.

The County will not issue a permit for this property until all of the comments can be resolved. Please contact me should you have any questions or need additional information.

Thank You,

Chris Day

Christopher Day, PE
Ontario County Department of Public Works
Bridge Engineer
Ph. 585-396-4282

From: Day, Christopher D
Sent: Thursday, May 02, 2019 1:45 PM
To: 'e2blaze@gmail.com'
Cc: McElligott, Timothy G (Timothy.McElligott@co.ontario.ny.us)
Subject: FW: #4134 CR 16 - Blazak Family Site Plan

Eric,

Forwarding email per our phone conversation. Item 4 below discusses the retaining wall. Let me know if you have any questions.

Thanks,

Chris Day

Christopher Day, PE
Ontario County Department of Public Works
Bridge Engineer
Ph. 585-396-4282

From: McElligott, Timothy G
Sent: Monday, February 11, 2019 2:24 PM
To: 'devclerk@townofcanandaigua.org'
Cc: Phillips, Linda; Wright, Bill C
Subject: #4134 CR 16 - Blazak Family Site Plan

Town of Canandaigua Development Office,

We've completed our review of the drawings received by this office on January 24, 2019, for the above referenced project and offer the following comments:

1. Applicant is required to obtain a highway work permit for any proposed work within a County highway right-of-way and shall pay all necessary fees & comply with all permit conditions and restrictions. Highway Work Permit forms can be found on Ontario County website at <http://www.co.ontario.ny.us/index.aspx?nid=830>.

In addition, Applicant's contractors will also be required to provide insurance per attached insurance schedule; proof of Worker's Comp & Disability insurance must be on appropriate forms, we cannot accept on ACORD form.

2. Will project have a Stormwater Pollution Prevention Plan (SWPPP)? If so, County cannot issue a highway work permit until the following information is provided related to coverage under the current SPDES General Permit for Construction Activity:
 - Complete Notice of Intent, signed by the owner; and
 - Evidence that the applicant has received coverage under the current SPDES General Permit for Construction Activity; and
 - A fully executed SWPPP with all certifications provided
3. County does not consent to on-street parking along County Road (CR) 16 and therefore, will not permit the proposed "pull-off"/on-street parking shown on the drawings. Safety is a major issue related to on-street parking like what is shown on the drawings; it adds to the visual complexity of the roadside environment which can result in an elevated crash risk.
4. Proposed retaining walls must be placed out of existing County highway right-of-way.
 - Provide design data, stamped & sealed by New York State Professional Engineer, for the proposed retaining wall in conformance with latest AAHSTO Standard Specifications for Highway Bridges, Section #5 – Retaining Walls.

- Provide cross sections for our review. Cross sections shall be provided at terminal points, structures, utility crossings, changes in alignment/height, and every 25-feet minimum. Cross sections shall be plotted at a scale of 1-inch = 4-feet (H) and 1-inch = 4-feet (V).
 - Cross sections must show and label existing and proposed ground surface.
 - Show and label safe operating slopes per latest OSHA requirements for excavations to maintain a safe work area within the excavation. Special attention must be made to any excavation necessary off the applicant's property to install the proposed improvements. The safe operating slopes varies based on the type of soils encountered at the site of the excavation. The safe operating slope limits must be estimated during design to ensure the integrity of any underground utilities and to determine the excavations anticipated encroachment into the CR 16 pavement.
 - Demonstrate all existing utilities (overhead & underground) will be properly supporting during the work.
 - Retaining wall shall be backfilled with NYSDOT Subbase Course #2.

5. The proposed replacement for the existing stairs on both sides of CR 16 shall be positioned such that the near edge of the proposed stairs is no closer than 8-feet to the edge of the travelled way.

The proposed replacement for the existing stairs on both sides of CR 16 within the right-of-way will require an encroachment agreement with Ontario County. We've prepared a draft encroachment agreement and TP-584 form necessary for filing said agreement; both the draft agreement and TP-584 form are attached for your information.

6. Provide a detailed plan for transitioning the existing box beam guide railing end assembly, at the proposed stairway landing on the east side of CR 16.
7. Provide profile for proposed driveway. Grades for all proposed intersections should be as level as practical. All roads and driveways shall be constructed to slope away from the edge of the travel lane at a profile grade between 1.5 and 3 percent. The profile grade should be continued to or beyond the County highway right-of-way. Whenever the profile grade changes, the profile shall be rounded by connecting the two different profile grades with a smooth vertical curve. Appropriate drainage features shall be placed at the low point of the vertical curve.
8. Roadside ditches shall not be enclosed with drainage piping systems unless expressly approved by County Superintendent of Highways or designee. If roadside ditch piping is approved, proposed drainage system shall be adequate to pass appropriate design flood in the roadside ditch without adversely impacting County Road and adjacent property owners. In no case shall a pipe be smaller than 12-inches diameter. Maximum spacing for drainage structures shall be no more than 200-feet; increased structure spacing may be required. All drainage piping and structures shall be installed on line and grade with existing upstream and downstream ditch inverts to adequately maintain existing roadside drainage. The need for safety slope end sections and/or culvert bar grates at drainage system ends shall be evaluated by County Superintendent of Highways or designee. Headwalls of any kind **shall not** be placed at the drainage system ends.
 - Drainage structures shall be provided on the high side of each driveway/access point (west side stair landing adjacent to CR 16), change in alignment, and each connection point:
 - Rim elevation of each drainage structure must provide for 1V:4H or flatter fore-slopes & back-slopes
 - Rim elevation of each drainage structure must provide for 1V:6H or flatter longitudinal slope from finish grade at driveway to rim of drainage structure
 - Provide a profile for the proposed storm sewer system.

- Provide storm sewer hydraulic calculations demonstrating that the proposed storm sewer system can convey the anticipated storm water flows, per Table 8-2 Design Flood Frequencies (in years) for Drainage Structures and Channels in Chapter 8 of the NYSDOT Highway Design Manual (HDM). Storm sewer piping shall be a minimum of 12-inches in diameter.
9. Ontario County DPW is advancing a drainage improvement project along CR 16 and the existing 18-inch CMP cross culvert shown on the drawings will be replaced as part of said project. We anticipate the project will begin in 2021. Therefore, the applicant shall not install the proposed “Dry Laid Stone Boulders” in the existing highway right-of-way and at the existing culvert outlet.
 10. All underground utilities must be installed under CR 16 using trenchless methods. No open cut will be permitted. Trenchless crossing must extend beyond highway right-of-way where practical.
 11. Provide a Typical Shoulder Restoration Detail on the drawings. Ontario County standard detail is attached.
 12. Provide Ontario County DPW standard notes on the drawings. Ontario County standard notes are attached.
 13. Provide Work Zone Traffic Control Details on the drawings in accordance with latest NYSDOT Standard Sheets for all anticipated work along CR 16.

Please forward these comments to the applicant and their design professionals.

If you have any questions or concerns, please contact me directly at (585) 393-2999.

Regards,

Timothy G. McElligott, P.E.
Professional Engineer

Ontario County Department of Public Works
2962 County Road 48
Canandaigua, NY 14424

Tel: 585.393.2999, Fax: 585.396.4283
Email: timothy.mcelligott@co.ontario.ny.us

Ontario County Vision Statement

A vibrant community where every citizen has the opportunity to be healthy, safe, and successful



“This message may contain confidential, sensitive and/or proprietary information and is intended for the person/entity to whom it was originally addressed. Any use by others is strictly prohibited.”