

Town of Skaneateles Planning Board
INSERT: MINOR Site Plan Review

(Pursuant to §148 -10-5, 6, 8 & 9)

Contact Town Staff if you need assistance

Applicant Name: Eric Brillo
Property Tax Map# 035.-04-20.0

PROJECT CLASSIFICATION

Project is: New project: X
 Amendment: Minor Site Plan Review

PROJECT DESCRIPTION (attach additional sheets if needed)

1. Describe the proposal:

The project will have several components that will support the reduction of discharges during storm events that carry solids and nutrients from the upper portion of Willow Creek watershed towards Skaneateles Lake, Upgrades to the existing Willow Creek channel will be completed to divert portions of high flow events to the north in order to leverage the existing retention pond locations adjacent to the current Willow Creek channel.

2. Describe existing conditions on the property:

Currently, Willow Creek flows from east to west towards Skaneateles Lake and is approximately 5 feet wide from bank to bank at the project site. There is an existing retention pond approximately 25 feet north of Willow Creek. The retention pond is currently not hydraulically connected to Willow Creek.

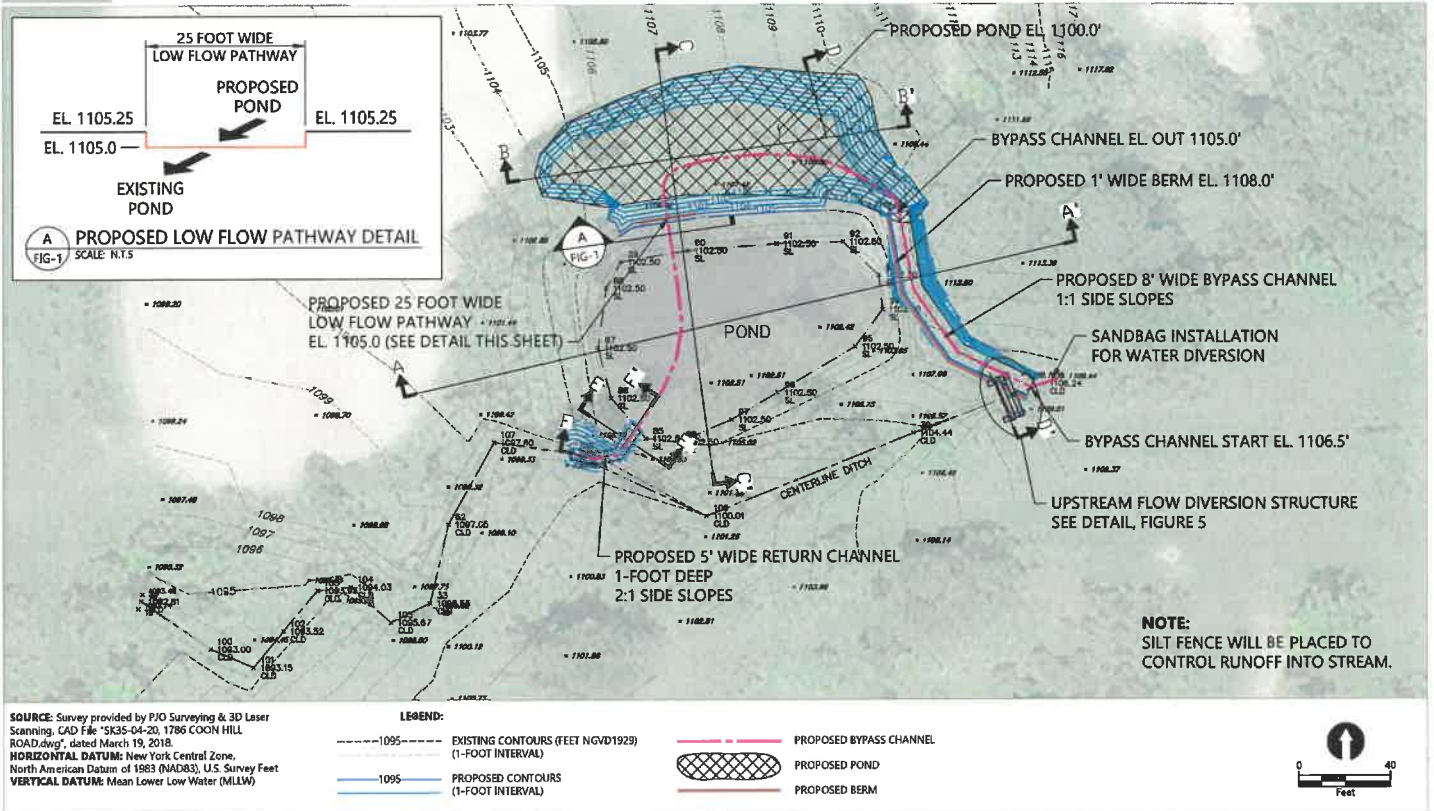
3. Describe proposed physical or operational changes to the property:

A second (new) retention pond will be constructed to help slow the flow of water. This pond will be hydraulically connected to the existing pond and will be connected to the bypass channel. The bypass channel will be excavated from Willow Creek to the new pond to divert water during high flow events from Willow Creek. Timber structures will be installed in Willow Creek to assist with flow diversion.
A discharge channel from the old pond to Willow Creek will be excavated to connect the ponds back to Willow Creek. See attached conceptual design for additional information.

SITE PLAN REVIEW STANDARDS – see §148-10-6 and PROCEDURES §148-10-8 & 9

TURN OVER - for REQUIRED SUBMISSIONS

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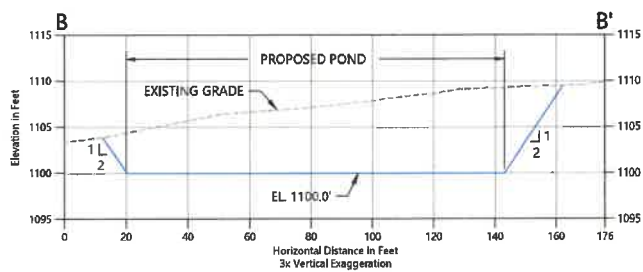
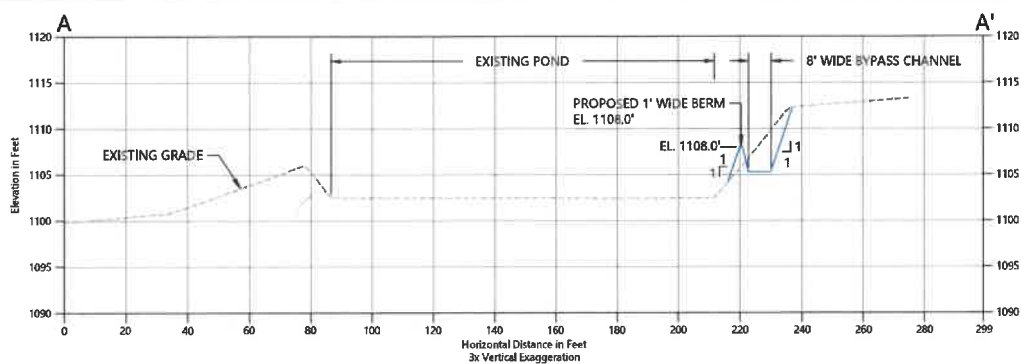
SOURCE: Survey provided by PJO Surveying & 3D Laser Scanning, CAD File "SK35-04-20, 1786 COON HILL ROAD.dwg", dated March 19, 2018.
HORIZONTAL DATUM: New York Central Zone, North American Datum of 1983 (NAD83), U.S. Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)

Published: 2021/06/22 2:23 PM | User: pcamara
Filepath: I:\Projects\2079-Skaneateles-Brillo Property\Brillo Property_212321-RP-201 Existing and Proposed Conditions.dwg Figure 2



Figure 2
Proposed Conditions
Brillo Property
Skaneateles Lake Association

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SOURCE: Survey provided by PJO Surveying & 3D Laser Scanning, CAD File "SK35-04-20, 1786 COON HILL ROAD.dwg", dated March 19, 2018.
HORIZONTAL DATUM: New York Central Zone, North American Datum of 1983 (NAD83), U.S. Survey Feet
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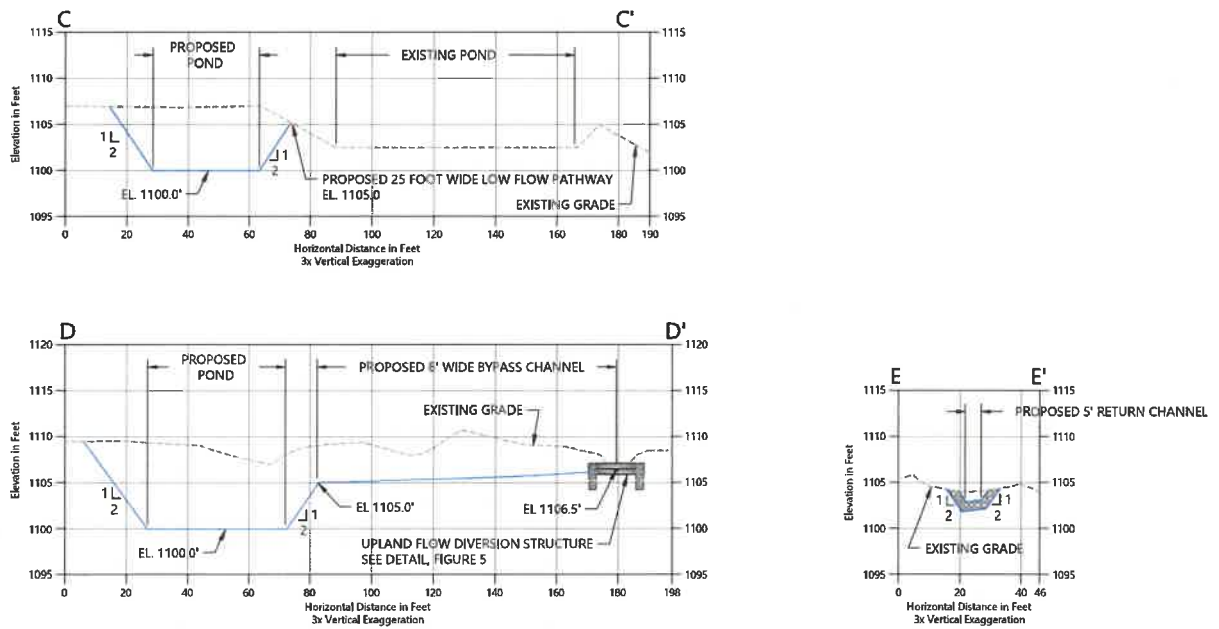
LEGEND:

EXISTING GRADE

PROPOSED GRADE

Figure 3
Sections A-A' and B-B'
Brillo Property
Skaneateles Lake Association

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SOURCE: Survey provided by PJO Surveying & 3D Laser Scanning, CAD File "SK93-04-20_1786 COON HILL ROAD.dwg", dated March 19, 2018.
HORIZONTAL DATUM: New York Central Zone, North American Datum of 1983 (NAD83), U.S. Survey Feet
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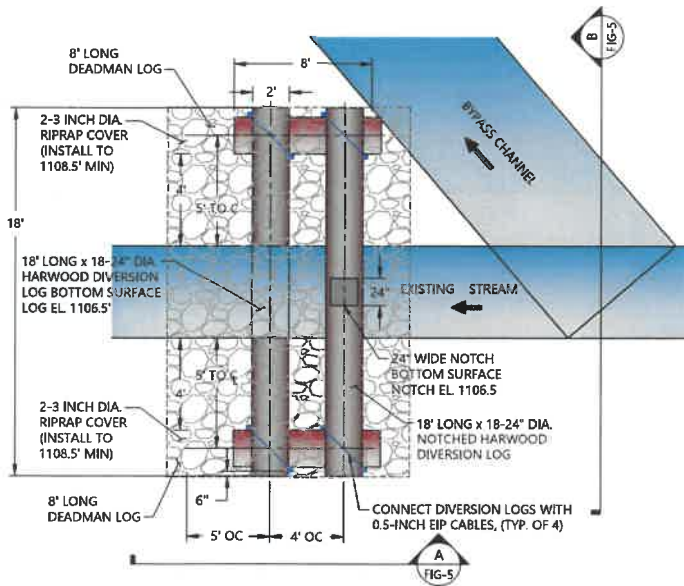
LEGEND:
 --- EXISTING GRADE
 — PROPOSED GRADE

Public File: 20210622 2:29 PM | User: pcorbett
 Filepath: \\projects\2021\Skaneateles\Brillo Property\15222-RP-001 Existing and Proposed Conditions Rev1.dwg Figure 4



Figure 4
Sections C-C', D-D', and E-E'
 Brillo Property
 Skaneateles Lake Association

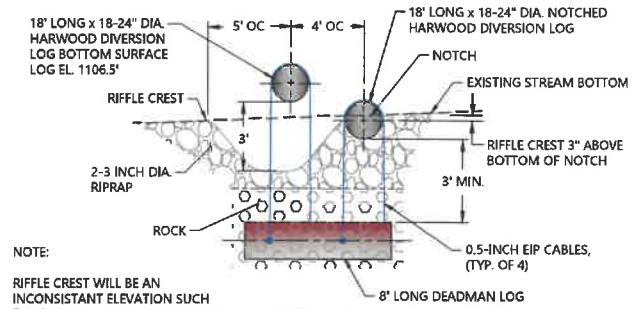
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UPLAND FLOW DIVERSION DETAIL - PLAN VIEW
SCALE: N.T.S.

NOTE:

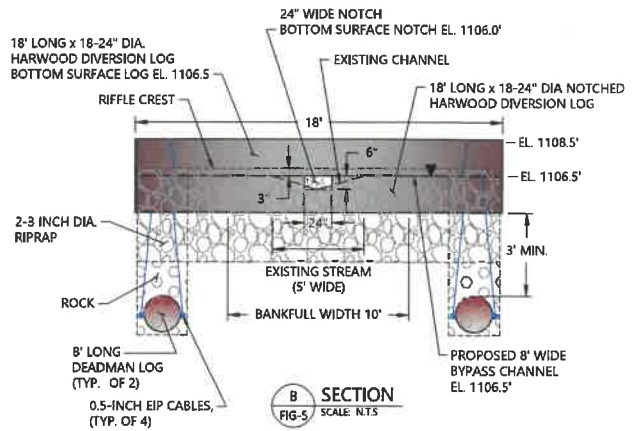
1. WITHIN THE CHANNEL AT THE FLOW DIVERSION LOCATION, APPROXIMATELY 8.5 CUBIC YARDS OF SEDIMENT WILL BE REMOVED AND REPLACED BY 7.5 CUBIC YARDS OF RIPRAP TO PROVIDE EROSION PROTECTION FOR DESIGN ELEMENTS. THE REMOVAL AND RIPRAP PLACEMENT FOOTPRINT IS 5-FEET WIDE (PERPENDICULAR TO FLOW) AND 15-FEET LONG (PARALLEL TO FLOW).



NOTES:

1. RIFFLE CREST WILL BE AN INCONSISTANT ELEVATION SUCH THAT WATER SURFACE ELEVATION DURING LOW FLOWS ARE LIKELY BELOW RIFFLE CREST.

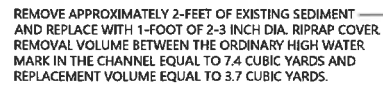
A SECTION
FIG-5 SCALE: N.T.S



B SECTION
FIG-5 SCALE: N.T.S

Figure 5
Upstream Flow Diversion Detail
Brillo Property
Skanateles Lake Association

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Brillo Property
Skaneateles Lake Association