T.G. MILLER, P.C.

ENGINEERS AND SURVEYORS

605 W. State Street | Ithaca, NY 14850 | phone 607-272-6477 | fax 607-273-6322 | www.tgmillerpc.com

June 6, 2023

Division of Environmental Conservation New York State Department of Environmental Conservation 615 Erie Boulevard West Syracuse, NY 13204-2400

Re: Knollwood Drive Stream Restoration
Application Package for Protection of Waters Permits

To whom this may concern:

Attached is the Application Package for Protection of Waters Permits for the streambed and streambank restoration work along a tributary to Fall Creek located along Knollwood Drive. All work performed will be under the WQIP Grant awarded to the Town of Dryden on January 3, 2020 (Project #: 93250).

Enclosed are the following documents:

- Joint Application Form
- Pre-Filing Meeting Request Form
- Supplement WQC-1
- Permission to Inspect Form
- Long Environmental Assessment Form
- Location Map
- Photo Log
- Project Plans

Please contact me if you have any questions.

Sincerely,

Donald Harner, P.E.

Dould Hame

Principal Engineer

cc: Rick Young – Town of Dryden Highway Superintendent (via email)

New York State Department of Environmental Conservation

Division of Environmental Permits, Region 7

615 Erie Boulevard West Syracuse, NY 13204 **Phone:** (315) 426-7438 • **Fax:** (315) 426-7425

Website: www.dec.ny.gov

Application Package for

Protection of Waters Permits

ECL Article 15

For permits/determinations to undertake activities affecting streams, waterways, waterbodies, coastal areas and sources of water supply.

Helpful Website Links:

DEC Permit Application Checklist:

http://www.dec.ny.gov/permits/97650.html

 ${\bf Environmental\ Resource\ Mapper\ (Interactive\ Environmental\ Mapping):}$

http://www.dec.ny.gov/animals/38801.html

Environmental Assessment Forms (Produces Short and Long EAF's)

http://www.dec.ny.gov/eafmapper/

The Clean Water Act Section 401 Certification Rule

https://www.epa.gov/cwa-401/clean-water-act-section-401-certification-rule

New York State Department of Environmental Conservation

REQUIREMENTS FOR PROTECTION OF WATERS PERMIT APPLICATIONS

(NYS Department of Environmental Conservation; ECL Article 15)

- Joint Application Form, Pre-Filing Meeting Request Form, and Supplement WQC-1 (attached)
 filled out, signed & dated. Please note, the pre-filing is encouraged to be submitted 30 days prior to formal application
- 2. **Permission to Inspect Property Form** (attached) filled out, signed & dated by the property owner.
- 3. <u>Environmental Assessment Form</u> (attached) Part 1 filled out, signed & dated.
- 4. <u>Purpose of Project and Justification</u> Indicate what the project will accomplish, and why the project must be performed. It the applicant's responsibility to justify that the proposal is reasonable and necessary, and meets the standards for permit issuance in 6NYCRR Part 663; vague statements or generalities will not suffice.
- 5. <u>Description of Construction Materials and Methods</u> Please indicate how the work will be performed, and the type and amount of materials proposed for use.
- 6. <u>Location Map</u> Clearly showing your project site and how to get there from nearby highway intersections. Preferably use an area USGS map or a county highway map. A tax map is usually <u>not</u> acceptable.
- 7. **Photographs** Depicting currently existing conditions in the work area. Please put your name & date on all photos.
- 8. <u>Project Plans</u> Submit at least two plans depicting top-view and side-view perspectives of the project. Both existing and proposed conditions should be shown. Include all appropriate measurements and show where all work is occurring in relation to the shoreline. Include details on erosion and sediment control measures. Plans should be prepared on 8 ½ x 11 inch paper or larger.

If sending your application by mail, please include **two** copies of the above-listed paperwork.

PLEASE SEND YOUR COMPLETED APPLICATION PACKAGE TO:

By Mail to:

Electronically to:

NYS Department of Environmental Conservation Division of Environmental Permits 615 Erie Boulevard West Syracuse, NY 13204-2400

DEP.R7@dec.ny.gov

If you prefer to personally deliver your completed application package, please call 315-426-7438 in advance to schedule an appointment.

A copy of your application should also be sent electronically to the US Army Corps of Engineers to lrb.newyork.regactions@usace.army.mil or by mail to: 1776 Niagara Street, Buffalo, NY 14207



JOINT APPLICATION FORM - INSTRUCTIONS

Use this application to apply for Permits from all of the listed state and federal agencies. This form is for all projects that affect streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

This Joint Application Form has four pages. Incomplete, illegible or inaccurate information may delay your permit decision. Agencies may request additional information to complete your application. If you have any questions, refer to the Agency Contact Information on pages four and five of these instructions.

PERMITS REQUESTED

You are responsible for obtaining all federal, state or local approvals. Check all Permits you are applying for from the listed Agencies.

You must obtain an authorization from each involved Agency before you start work.

APPLICANT, PROPERTY OWNER, CONTACT/AGENT INFORMATION AND SIGNATURES

Information about and signatures of the Applicant and Owner are required. Eligible applicants are Owners, Operators at the site or facility, and Lessees.

Information about and signature of the Contact/Agent, where applicable, are required. Construction or work contractors or others may be named as a Contact/Agent on behalf of the applicant, but cannot be the Applicant.

Applications by	Must be signed by
Corporations	a member of the board of directors or a "high managerial agent" of the corporation, as defined in the § 20.20 of the NYS Penal Law.
Partnership	a general partner.
Sole Proprietorship	the proprietor.
Limited Liability Company	by member or manager in accordance with the LLC's articles of organization as filed with the NYS Secretary of State.
State Agency	by a person duly designated by the commissioner or other agency head.
 Municipalities (counties, cities, towns and villages) and Public Corporations 	by the chief executive officer, the head of a subordinate agency or department, or a person duly designated by the chief executive officer.

Append additional pages of the form's Applicant, Owner or Contact information, and provide additional pages of the form's Signature section if there are additional Applicants, Owners or Contacts.

PROJECT / FACILITY INFORMATION

Provide the project address, if applicable. If there is no street address, describe the location using identifiable nearby features.

Include the tax parcel identification number(s). Tax Parcel ID numbers are found on the tax map of the community or the annual tax bill, or can be viewed at the local tax assessor's office. These ID numbers are generally in the form of section, block, and lot (SBL) numbers.

If you are able, provide project location coordinates as Latitude and Longitude in degrees, minutes, seconds.

PROJECT DESCRIPTION AND PURPOSE

Provide a complete description of the proposed work and its purpose. Attach additional pages if necessary. Attach plans on separate pages. The following information must be provided:

- purpose of the proposed project;
- description of current site conditions;
- proposed site changes;
- type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material and/or structures below ordinary/mean high water, etc.);
- area of excavation or dredging, volumes of material to be removed, and location of dredged material disposal or use;
- timing and amount of tree cutting or clearing;
- work methods and type of equipment to be used;
- planned sequence of activities;
- pollution control methods and other actions proposed to mitigate for environmental impacts;
- erosion and silt control methods that will be used to prevent water quality impacts;
- alternatives considered to avoid regulated areas; if no feasible alternatives exist, explain how the project will minimize impacts

Additional details may be required by the Agencies.

REQUIRED APPLICATION ATTACHMENTS

Attach and submit the following to all involved Agencies:

- 1. Location Map The map must show the project site boundaries at a scale large enough to display relevant information about the site. A scale of 1 inch equals 2,000 feet is generally adequate (scale ratio 1:24,000). The map can be a US Geological Survey (USGS) or NYS Department of Transportation (DOT) Quadrangle Map, or an equivalent map (e.g., tax map, an image from Google maps, or Bing maps) identifying the project location. An acceptable location map may be obtained from DEC's online Environmental Resource Mapper (http://www.dec.ny.gov/animals/ 38801.html), using the Printer (location)
- Project Plans Sketch plan and cross-section views drawn to scale with dimensions, or engineering drawings showing the location and extent of work. Show the direction of the photographs required in Item 3, below. Drawings must include on-site wetlands, streams and ditches. See sample plans at: http://www.dec.ny.gov/permits/70934.html, http://www.dec.ny.gov/permits/6342.html.
- 3. **Photographs -** At least three color photographs, taken from multiple directions, clearly showing the project site without snow cover. Include all existing structures on the site and the area surrounding the site. Indicate the photo's direction and the time and date when taken.

If applying to New York State Agencies:

State Environmental Quality Review Act (SEQR) regulation (6 NYCRR Part 617, http://www.dec.ny.gov/regs/2488.html) is applicable -

- a) If the project is an Unlisted Action, submit a completed Part 1 of a Short Environmental Assessment Form. 1
- b) If the project is a Type I Action, submit a completed Part 1 of a Full Environmental Assessment Form. 1

On-line fillable Short and Full EAFs are available on DEC's website (see http://www.dec.ny.gov/permits/6191.html). This webpage also provides DEC's **EAF Mapper Application** which can help you complete the EAF. The project site boundaries can be drawn or a specific tax parcel can be selected. The EAF Mapper can provide you with some of the information required for the Location Map, and the Tax Parcel ID questions on the Joint Application Form.

If applying to NYS DEC:

All DEC permits applications required for the project (see http://www.dec.ny.gov/permits/6081.html) must be submitted at the same time.

¹ DEC Forms are available at NYS DEC offices and at www.dec.ny.gov/permits/6222.html.

If applying to USACE/NYS DOS:

If the project requires a federal permit and lies within or affects the Coastal Area (see the DOS Coastal Area Maps at www.dos.ny.gov/opd/atlas/index.html) submit a completed Federal Consistency Assessment Form (FCAF, available at www.dos.ny.gov/opd/programs/pdfs/Consistency/FCAF_fillable.pdf) to NYS DOS with a copy to USACE.

Applicants in New York City may submit a NYC CAF in lieu of the FCAF (NYC CAF available at www.1.nyc.gov/assets/planning/download/pdf/applicants/wrp/wrpform.pdf).

For projects within the Adirondack Park - To determine permitting applicability, contact - New York State Adirondack Park Agency, PO Box 99, 1133 NYS Route 86, Ray Brook, NY 12977 (518) 891-4050; www.apa.nv.gov/

SPECIAL SUPPLEMENTS AND REQUIREMENTS FOR SPECIFIC PERMIT APPLICATIONS

Applications for	Must be accompanied by
Dams and Impoundment Structures	Supplement D-1 ²
Docks, Moorings or Platforms	Supplement D-2 ²
Water Withdrawal	Supplement WW-1 ² Water Conservation Program Form ² Legal Certification of Proper Water District or Water Works Corporation Formation ²
Long Island Well	Regional specific supplement ²
Wild, Scenic and Recreational River Systems	Supplement WSR-1 ²
DEC Freshwater Wetlands and DEC Tidal Wetlands	Applications fees are required, except for activities under an established General Permit. Refer to: www.dec.ny.gov/permits/65153.html .
USACE Section 404 Clean Water Act,	Applications to disturb a wetland or waterway by placing fill or performing mechanized land clearing, ditching, channelization, dredging, or excavation activities must discuss practicable alternatives that avoid, minimize or mitigate the proposed project impacts. Justification must be given for alternatives found suitable.

SUBMISSION OF APPLICATION FORMS AND ATTACHMENTS

Mail a completed application to each involved Agency based on project location and permit(s) required. See the following pages for Agency Contact Information.

<u>For DEC</u> - Mail **two copies** of the Joint Application Form, supplemental forms, and all required attachments. Documents may be email.

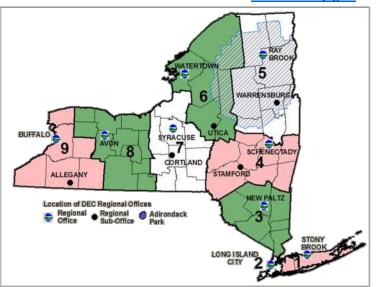
<u>For Other Agencies</u> - Mail **one copy** of the Joint Application Form, any supplemental forms, and all required attachments.

Refer to each Agency's website for specifications on submitting documents on electronic media or via email.

² DEC Forms are available at NYS DEC offices and at www.dec.ny.gov/permits/6222.html.

New York State Department of Environmental Conservation

www.dec.ny.gov



NYS DEC REGION 1

Regional Permit Administrator SUNY @ Stony Brook 50 Circle Road Stony Brook, NY 11790-3409 phone: 631-444-0365 fax: 631-444-0360 email: dep.r1@dec.ny.gov

> For Nassau and Suffolk Counties

NYS DEC REGION 2

Regional Permit Administrator 1 Hunter's Point Plaza 47-40 21st Street Long Island City, NY 11101-5407 phone: 718-482-4997 fax: 718-482-4975 email: dep.r2@dec.ny.gov > For Brooklyn, Bronx, Manhattan,

Queens and Staten Island

NYS DEC REGION 3

Regional Permit Administrator 21 South Putt Corners Road New Paltz, NY 12561-1620 phone: 845-256-3054 fax: 845-255-4659 email: dep.r3@dec.ny.gov

> For Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester Counties

NYS DEC REGION 4

Regional Permit Administrator 1130 North Westcott Road Schenectady, NY 12306-2014 phone 518-357-2069 fax: 518-357-2460

email: dep.r4@dec.ny.gov

> For Albany, Columbia, Greene, Montgomery, Rensselaer, Schenectady and Schoharie Counties

NYS DEC REGION 4 Sub-Office

Regional Permit Administrator 65561 State Highway 10 Stamford, NY 12167-9503 phone: 607-652-7741 fax: 607-652-2342 email: dep.r4@dec.ny.gov

> For Delaware and Otsego Counties

NYS DEC REGION 5

Regional Permit Administrator PO Box 296 1115 NYS Route 86 Ray Brook, NY 12977-0296 phone: 518-897-1234; fax: 518-897-1394 email: dep.r5@dec.ny.gov > For Clinton, Essex, Franklin, and

NYS DEC REGION 5 Sub-Office

Hamilton Counties

Regional Permit Administrator 232 Golf Course Rd Warrensburg, NY 12885-1172 phone: 518-623-1281; fax: 518-623-3603 email: dep.r5@dec.ny.gov

> For Fulton, Saratoga, Warren and Washington Counties

NYS DEC REGION 6

Regional Permit Administrator **Dulles State Office Building** 317 Washington Street Watertown, NY 13601-3787 phone: 315-785-2245 fax: 315-785-2242 email: dep.r6@dec.ny.gov

> For, Jefferson, Lewis and St. Lawrence Counties

NYS DEC REGION 6 Sub-Office

Regional Permit Administrator Utica State Office Building, 207 Genesee Street, Room 1404 Utica, NY 13501-2885 phone: 315-793-2555 fax: 315-793-2748 email: dep.r6@dec.ny.gov

> For Herkimer and Oneida Counties

NYS DEC REGION 7

Regional Permit Administrator 615 Erie Blvd West, Room 206 Syracuse, NY 13204-2400 phone: 315-426-7438 fax: 315-426-7425 email: dep.r7@dec.ny.gov

> For Broome, Cayuga, Chenango, Cortland, Onondaga, Oswego, Tioga, Tompkins and Madison Counties

NYS DEC REGION 8

Regional Permit Administrator 6274 East Avon - Lima Road Avon, NY 14414-9519 phone: 585- 226-5400 fax: 585-226-2830 email: dep.r8@dec.ny.gov

> For Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne and Yates Counties

NYS DEC REGION 9

Regional Permit Administrator 270 Michigan Avenue Buffalo, NY 14203-2915 phone: 716-851-7165 fax: 716-851-7168 email: dep.r9@dec.ny.gov

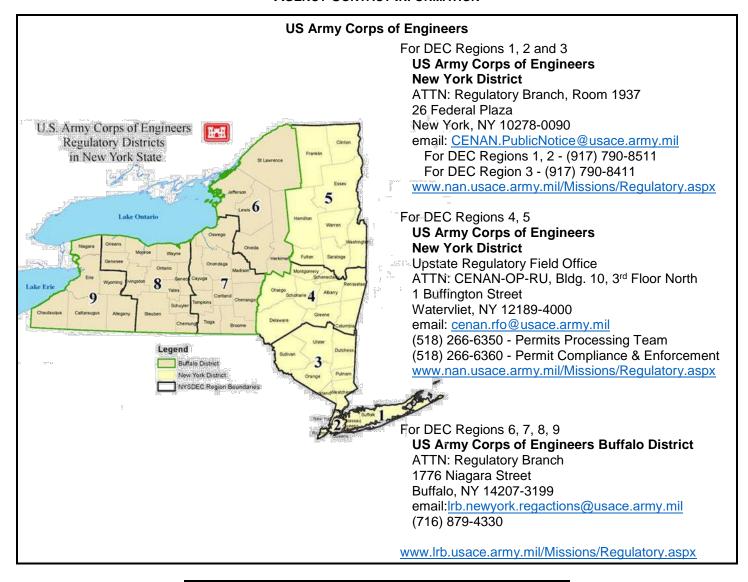
> For Erie, Niagara and Wyoming Counties

NYS DEC REGION 9 Sub-Office

Regional Permit Administrator 182 East Union, Suite 3 Allegany, NY 14706-1328 phone 716-372-0645 fax: 716-372-2113

email: dep.r9@dec.ny.gov

> For Allegany, Cattaraugus and Chautauqua Counties



New York State Department of State

www.dos.ny.gov/opd/programs/consistency/index.html

NYS Department of State

Office of Planning and Development **Suite 1010** One Commerce Plaza, 99 Washington Ave Albany, NY 12231-0001 (518) 474-6000

email: cr@dos.ny.gov

New York State Office of General Services www.ogs.state.ny.us/BU/RE/LM/EGLP.asp

NYS Office of General Services

Bureau of Land Management 26th Floor, Corning Tower Empire State Plaza Albany, NY 12242-0001 (518) 474-2195

email: LandUnderWater@ogs.ny.gov

Department of State



JOINT APPLICATION FORM

For Permits for activities activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:>NYS Department of Environmental Conservation	Check here to confirm you sent this form to NYSDEC.
Check all permits that apply: Stream Disturbance Excavation and Fill in Navigable Waters Docks, Moorings or Dams and Impoundment Structures 401 Water Quality Certification*	Tidal Wetlands Wild, Scenic and Recreational Rivers Coastal Erosion Management Water Withdrawal Long Island Well Incidental Take of Endangered / Threatened Species
Platforms	* See Instructions (page 3)
>US Army Corps of Engineers	Check here to confirm you sent this form to USACE.
Check all permits that apply: Section 404 Clean Water	er Act Section 10 Rivers and Harbors Act
Is the project Federally funded? Yes 🗸 No	
If yes, name of Federal Agency:	
General Permit Type(s), if known:	
Preconstruction Notification: Yes No	
>NYS Office of General Services Check all permits that apply: State Owned Lands Under Water Utility Easement (pipelines, conduits, cab	Check here to confirm you sent this form to NYSOGS. les, etc.) Docks, Moorings or Platforms
>NYS Department of State Check if this applies: Coastal Consistency Concurred	Check here to confirm you sent this form to NYSDOS.
2. Name of Applicant	Taxpayer ID (if applicant is NOT an individual)
Rick Young	Taxpayor 15 (ii applicant to 110 1 art marriadar)
Mailing Address	Post Office / City State Zip
93 East Main Street	Dryden NY 13053
Telephone 607-844-8888 Email ryoung@	dryden.ny.us
Applicant Must be (check all that apply): Owner	Operator Lessee
3. Name of Property Owner (if different than Applicant)	
Mailing Address	Post Office / City State Zip
Telephone Email	
For Agency Use Only Agency Application Number:	

JOINT APPLICATION FORM – Continued. Submit this completed page as part of your Application.

4. Name of Contact / Agent		
Rick Young		
Mailing Address	Post Office / City	State Zip
93 East Main Street		
	Dryden	NY 13053
Telephone 607-844-8888 Email ryoung	@dryden.ny.us	
5. Project / Facility Name	Property Tax Map Section	/ Block / Lot Number:
Town of Dryden - Knollwood Drive Stream Restoration		
Project Street Address, if applicable	Post Office / City	State Zip
2-9 Knollwood Drive	Dryden	NY 13053
	Diyden	13033
Provide directions and distances to roads, intersections, brid		
The project is located in approximately 4 miles west of the Village of Dryder	n, 0.2 mile east of Mineah Road, and 300ft s	outh of State Rt. 13.
✓ Town Village City County	Stream/Waterbody Name Fall Creek	
Dryden Tompkins Tompkins		
Project Location Coordinates: Enter Latitude and Longitude Latitude: 42		' 19.9 "
Latitude: 42 ° 28 ' 48.0 "	Longitude: 76 ° 22	19.9
6. Project Description: Provide the following information a any additional information on other pages. Attach plans on a. Purpose of the proposed project: Streambed and streambank restoration within a tributary to Fall Creek and Streambed and Streambank restoration within a tributary to Fall Creek and Streambed and Streambank restoration within a tributary to Fall Creek and Streambed and Streambank restoration within a tributary to Fall Creek and Streambed and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a tributary to Fall Creek and Streambank restoration within a streambank rest	separate pages.	
 following: rock armoring, in-stream rock structures, and vegetative measure streambank stabilization. b. Description of current site conditions: A 1,000LF stretch of an unnamed, NYSDEC classified A stream, has be streambank erosion, streambed erosion, large deposits of material, and bedrock and sections of creek banks have severely eroded leaving nor 	een observed to have excessively high flows d localized downstream flooding. Sections of n-vegetated steep slopes that are prone furth	s that have contributed to creek bed have eroded to the erosion and slope
failure. Sections of eroded banks vary from 20-125ft in length and 4-20 pipe near 8 Knollwood Drive. c. Proposed site changes:		
Proposed site changes include installing rock constructed riffles every of D100 diameter streambank stabilization material in areas where the str will be placed on top of filter fabric and 6" of compacted bedding stone constructed riffles will be 5ft wide and composed on D100 streambed in low-flow channel. All disturbed soils will be stabilized with seed and mu	reambanks are severely eroded. The streaml and installed at a 2 horizontal units to 1 verti naterial. All in-stream restoration work is des	bank stabilization material ical unit or flatter. Rock igned to maintain a
 Type of structures and fill materials to be installed, and coverage, cubic yards of fill material, structures below or 	rdinary/mean high water, etc.):	
Approximately 640 cubic yards of streambed and streambank stabilizati of D100 (size of median axis: 3.6ft) and D50 (size of median axis: 1.8ft) axis: 2.5ft) and D50 (size of median axis: 1.2ft) and 6" of bedding stone	. Streambank stabilization material to consis	
e. Area of excavation or dredging, volume of material to be Approximately 640 cubic yards of material will be excavated and remov the streambed if it is effecting the function of the steam or contributing to off-site location. None of the excavated materials will be stored within the	red from the site. Only deposited debris and to active erosion. Dredged material will be ta	gravel will be removed from aken to a pre-approved
f. Is tree cutting or clearing proposed? Yes If Yes Timing of the proposed cutting or clearing (month/year):	es, explain below. V No	
	eage of trees to be cleared: 0	
ACTE	age of frees to be cleated. v	

g. Work methods and type of equipment to be used: Work will begin at the most downstream location. Once that location is stabilized, work will begin at the immediate upstream section. This process will be repeated until the furthest upstream area is stabilized. A long reach excavator will be used to remove existing materials and set proposed stabilizing materials. A land-based approach will be used, to the extent possible, for all bank grading and in-stream work.
b. Describe the planned accuracy of activities.
h. Describe the planned sequence of activities: The sequence of activities are as follows: 1) Identify and flag all mature trees to be maintained 2) Install erosion and sediment controls prior to ground disturbance 3) Install a bypass pump or cofferdam to divert upstream water around the project site. If bypass pumping is selected, proper screening will be used to protect aquatic life 4) Removal of existing streambed/streambank material 5) Install streambank stabilization and in-stream grade control measures 5) Where rock stabilization is not used stabilize streambanks with landscape blanket or hydroseed 6) Remove bypass pump or cofferdam 7) Remove erosion and sediment controls after 80% of vegetative cover is established.
i. Pollution control methods and other actions proposed to mitigate environmental impacts:
In order to minimize the potential for a spill of hazardous materials to come into contact with stormwater, a spill control and containment kit (containing, for example, absorbent such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) will be provided at the storage site. Additionally, all equipment will be inspected for and cleaned of any soils, vegetation, and debris to prevent the spread of invasive species onto the project site.
j. Erosion and silt control methods that will be used to prevent water quality impacts:
Reinforced silt fence will be installed at the limits of backfill prior to any site disturbance. The bottom 6" of silt fence will be toed in and 36" long wooden stakes will be placed every 10'. The silt fence fabric will be fastened to the wooden stakes with wire ties or staples. All adjoining lengths of silt fence will overlap by a minimum of 6". Silt fence will be regularly monitored for rips, bulges, or other damages that affect its intended functionality. Bypass pumping and/or installation of a cofferdam will be used to divert upstream water around the project site. Streambanks and other areas of disturbance will be stabilized with hydroseed or landscape blanket within one week of final grading.
k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts: During construction, the project area will be inspected daily to ensure all erosion and silt control measures are operating properly and that there is no effect to the water quality immediately downstream of the work area.
I. Proposed use: Private Public Commercial
m. Proposed Start Date: August 1, 2023 Estimated Completion Date: September 30, 2024
n. Has work begun on project? Yes If Yes, explain below.
o. Will project occupy Federal, State, or Municipal Land? Yes If Yes, explain below. No
p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:
N/A
q. Will this project require additional Federal, State, or Local authorizations, including zoning changes? — Yes If Yes, list below. No

7. Signatures.

Applicant and Owner (If different) must sign the application. If the applicant is the landowner, the **landowner attestation form** can be used as an electronic signature as an alternative to the signature below, if necessary. Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant	Date
Rick Goung	6/15/2023
Applicant Must be (check all that apply): V Owner C	perator Lessee
Printed Name	Title
Rick Young	Town of Dryden Highway Superintendent
Signature of Owner (if different than Applicant)	Date
Printed Name	Title
Signature of Contact / Agent	Date
Printed Name	Title
For Agency Use Only DETERMINATION OF NO PER	RMIT REQUIRED
Agency Application	
	ency Name) has determined that No Permit is
required from this Agency for the project described in this applic	ation.
Agency Representative:	T-11.
Printed Name	Title
Signature	Date

Page **4** of **4**

PRE-FILING MEETING REQUEST FORM

New York State Section 401 Water Quality Certification



Prospective Applicant Information:		DEC ID (if known):				
Name of Prospective Applicant: Rick Young						
Applicant must be property owner, lessee or o	perator (ch	eck which applies).				
Email: RYoung@Dryden.ny.us			Phone:	60	7-844-	8888
Mailing Address: Street: 61 East Main Street	City: Dr	yden	State:	NY	Zip:	13053
Name of Property Owner (if different from prospec	ctive applic	ant):				
Email:			Phone:		-	
Mailing Address: Street:	City:		State:		Zip:	
Prospective Application Contact or Contracto	r (if applic	able): Donald Harner, P.E				
Email: dmh@tgmillerpc.com			Phone:	60	07-272-	6477
Mailing Address: Street 604 West State Street, Suite A	City: Ith	aca	State:	NY	Zip:	14850
Project Location (where work will be done): Tributa	ry along K	nollwood Drive				
Town (where property taxes paid): Dryden			County:	Tompl	kins	
Street Address: 2-9 Knollwood Drive	City: Di	yden	– State: I	NY	Zip:	13053
Project Name: Knollwood Drive S Streambed and streambank rest along Knollwood Drive. Approxin and 500tt of streambank stabiliza	oration nately	n within a tribu				
Attachments (check each box to indicate that Project Location Map, required (with location representation). Project Site Photos, if available Certification: I hereby submit this form and the attachments indicated Certification pursuant to 40 CFR §121.4. It is my intent described in trese materials, and any other DEC permit the date this pre-filing meeting request has been submit grant or respond to this request for a pre-filing meeting. Rick Goung	marked) [I to reques to apply fo ts that may tted. I also	Project Drawing Project SEQR t a pre-filing meeting for a Section 401 Water to be required for the pro	ngs & Sito Docume r a Sectio Quality Co ject, no e	e Plan ents, if n 401 V ertificat arlier th	availal Vater Clion for the control of the control	ole Quality the project days from
Prospective Applicant Signature Date	~1.50	Property Owner Sig	nature			Date

(if different than applicant)



APPLICATION FOR PERMIT FOR SECTION 401 STATE WATER QUALITY CERTIFICATION

Supplement WQC-1

	DEC ID (if k	nown):		
Applicant Information: Name of Applicant (from Joint Application Form): Rick Young			
Email: RYoung@dryden.ny.us		Phone:	607-8	44-8888
Mailing Address: Street: 61 East Main Street	City: Dryden	State:	NY	Zip: 13053
Project Location (from Joint Application Form):	Tributary along Knollwood Drive			
Town (where property taxes paid): Dryden		County:	Tomp	kins
Street Address: 2-9 Knollwood Drive	City: Dryden	— State: N	MY	Zip: 13053

	To apply for New York State Section 401 Water Quality Certification, all items below must be completed and the applicant must sign page 2 of this form.		
1.	By signing this form, the applicant affirms that the project proponent(s) and a point of contact were		
	accurately identified in the Joint Application for Permit provided with this supplement.		
2.	By signing this form, the applicant affirms that the proposed project is accurately and completely		
	identified in the Joint Application for Permit provided with this supplement, and in any supporting plans,		
	photos, reports or other project information.		
3.	Identify here the applicable federal license or permit for this request:		
	If this request relates to a Section 404 Nationwide Permit administered by the US Army Corps of		
	Engineers, please identify the appropriate Nationwide Permit number(s):		
4.	Please identify the location and nature of any potential discharge that may result from the proposed		
	project and the location of receiving waters (attached additional information as needed):		
	There is potential for some runoff to sheet flow across the work area and discharge into the tributary and ultimately into Fall Creek. Additionally, under a storm event there is a possibility that the bypass pump can't keep up with the flows and some runoff will travel across the project site picking up sediment particles before reentering the undisturbed stream.		
5.	Please provide a description of any methods and means proposed to monitor the discharge and the		
J.	equipment or measures planned to treat, control, or manage the discharge (attach additional		
	information as needed):		
	All equipment will be cleaned of any debris and/or vegetation prior to arriving to the site. The downstream water will be visually monitored for any adverse changes to the water quality as a result of the permitted work. During work within the streambed bypass pumping will be provided to divert upstream runoff around the project site. The quality of the discharge from the bypass pump will be monitored for turbidity. Following final grading of the streambanks, the streambanks will be monitored daily for the formation of any rills, gullies, or other forms of erosion. Daily inspections will continue until at least 80% of vegetative cover is established within the project area.		

N/	N/A

Certification:

In addition to the Joint Application Form provided with this supplement, I hereby submit this form and the attachments indicated to request a Section 401 Water Quality Certification from DEC. The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

	Rick Goung	06/20/2023
-		<u> </u>
	Project Applicant/Proponent Signature	Date



PERMISSION TO INSPECT PROPERTY

Became of English the Male to mit a submission with an application for a permit(s) to the Decame of English the Course action ("DEC"), the signer consents to inspection by DEC staff of the project site of the interval a permit is sought and, to the extent necessary, areas adjacent to the project site of facility. This outsent allows DEC staff to enter upon and pass through such property in protein at the confect site of facility, without prior notice, between the hours of 7:00 a.m. and the confection at any consent is a submission of the projection at any consentation and the confection at any consentation and the confection at any consentation.

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4 KNOLL WOOD

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SHEMELIN

Miller

6.05,23 Date

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PERMISSION TO INSPECT PROPERTY

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6 KNOW WOOD

Proof is provinced at impunder penalty of perjury that I am eathorized to give consent to entry by DCDs are introduced as a cover. I increased that false statements made herein are punishable as a linear American strategic of the Section 200.46 of the Penal Law.*

Bary WostFAIL Stay Westfall

6(15) 25 Date

The signer field of must are an institute, or sutherized representative of a legal entity that:

- reliable all warrent a livertest in the property through a lease, rental agreement or other
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- as after this is a like as a state of sea individual or legal entity possessing fee title or as an apparent. This as an analyzable, for the purpose of consenting to inspection of such parents.

p.47



PERMISSION TO INSPECT PROPERTY

By signing this permission form for submission with an application for a permit(s) to the Department of Environmental Conservation ("DEC"), the signer consents to inspection by DEC staff of the project site or facility for which a permit is sought and, to the extent necessary, areas adjacent to the project site or facility. This consent allows DEC staff to enter upon and pass through such properly in order to inspect the project site or facility, without prior notice, between the hours of 7:00 a.m. and 100 p.m., Manuay through Friday. If DEC staff should wish to conduct an inspection at any other times. DEC staff this so notify the applicant and will obtain a separate consent for such an inspection.

inspections may take place as part of the application review prior to a decision to grant or deny the permit so sought. By signing this consent form, the signer agrees that this consent remains in effective as take application is pending, and is effective regardless of whether the signer, applicant or an agent is present at the time of the inspection. In the event that the project site or facility is posted with any form of "posted" or "keep out" notices, or fenced in with an unlocked gate, this permission authorities DEC staff to disregard such notices or unlocked gates at the time of inspection.

The signer further agrees that during an inspection, DEC staff may, among other things, take measurements, may analyze physical characteristics of the site including, but not limited to, soils and vegetation (taking samples for analysis), and may make drawings and take photographs.

Fallure to grant consent for an inspection is grounds for, and may result in, denial of the permit(s) sought by the application.

<u>i</u> J.	8	KNOW WOOD	

By signing this form, affirm under penalty of perjury that I am authorized to give consent to entry by DED state as described above. I understand that false statements made herein are punishable as a Chasa A misdama and pursuant to Section 210.45 of the Penal Law.*

Joni Parker Jone J Parker 1/15/23
Signature Date

The signer of this from must be an individual or authorized representative of a legal entity that:

- allths fas titls and is in possession of the property identified above;
- inalitiality possessory interest in the property through a lease, rental agreement or other legality agreement; or
- Is provided permission to act on behalf of an individual or legal entity possessing fee title or other possessing interest in the property for the purpose of consenting to inspection of such property.



PERMISSION TO INSPECT PROPERTY

By signing this permission form for submission with an application for a permit(s) to the Department of Environmental Conservation ("DEC"), the signer consents to inspection by DEC staff of the project site or facility for which a permit is sought and, to the extent necessary, areas adjacent to the project site or facility. This consent allows DEC staff to enter upon and pass through such properly in order to inspect the project site or facility, without prior notice, between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday. If DEC staff should wish to conduct an inspection at any other times, DEC staff will so notify the applicant and will obtain a separate consent for such an inspection.

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Falture to grant consent for an inspection is grounds for, and may result in, denial of the permit(s) sought by the application.

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By signing this form. I affirm under penalty of perjury that I am authorized to give consent to entry by DEO staff as described above. I understand that false statements made herein are punishable as a Dass A misdemeanor pursuant to Section 210.45 of the Penal Law.*

Dominique Bouchard | Date | Date | Date

"The signer of this form must be an individual or authorized representative of a legal entity that:

- awns fee title and is in possession of the property identified above;
- maintains possessory interest in the property through a lease, rental agreement or other regains binding agreement; or
- is provided permission to act on behalf of an individual or legal entity possessing fee title or biner possessiny interest in the property for the purpose of consenting to inspection of such property.

Permission to inspect Property Application Supplement 3/16



PERMISSION TO INSPECT PROPERTY

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Dale Cotterill UP AdZata 6-20-23
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Department of **Environmental** Conservation

Town Of Dryden Highway

PERMISSION TO INSPECT PROPERTY

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	Freeville	., N.Y	13069			

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PERMISSION TO INSPECT PROPERTY

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1745 Dryden Rd Freeville NX 13068

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entity possessing fee title or the second of an included at legal entity possessing fee title or the purpose of consenting to inspection of such

Full Environmental Assessment Form Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:

Town of Dryden - Stream Stabilization			
Project Location (describe, and attach a general location map):			
Knollwood Rd., Lower Creek Rd. from Main St. to Fall Dr., Lower Creek Rd. at Pickne	y Rd.		
Brief Description of Proposed Action (include purpose or need):			
1. Streambed and streambank restoration along the tributary to fall creek located alon collowing: rock armoring, in stream rock structures, concrete block retaining walls, storapproximately 800 LF of streambed and streambank restoration. 2. Streambank restoration and guiderail replacement along Fall Creek at multiple loca bank have eroded and the road shoulder and guiderail are starting to fail. Streamban along with vegetative measure. Approximately 300 LF of streambank restoration and 3. Streambank restoration and stream re-alignment along Fall Creek near the intersect estoration to consist of rock armoring and/or vegetative measure. Approximately 500	ne gabion basket retaining walls tions adjacent to Lower and Upp k restoration to consist of rock ar 800 LF of guiderail replacement/s tion of Lower Creek Road and P	and vegetative measures. er Creek Road where the stream moring and/or metal sheet piling shoulder repair .	
fame of Applicant/Sponsor: Telephone: 607-844-8888			
Town of Dryden (Rick Young)	E-Mail: ryoung@dryden.ny.us		
Address: 93 East Main Street			
City/PO: Dryden	State: NY	Zip Code: 13053	
Project Contact (if not same as sponsor; give name and title/role):	Telephone:		
	E-Mail:		
Address:	-		
City/PO:	State:	Zip Code:	
Property Owner (if not same as sponsor):	Telephone:		
	E-Mail:		
Address:			
City/PO:	State:	Zip Code:	

B. Government Approvals

B. Government Approvals, Funding, or Spot assistance.)	nsorship. ("Funding" includes grants, loans, ta	ax relief, and any othe	r forms of financial
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)	
a. City Counsel, Town Board, ✓ Yes□No or Village Board of Trustees	Dryden Town Board	May 2021	
b. City, Town or Village ☐Yes ✔No Planning Board or Commission			
c. City, Town or ☐Yes ☑No Village Zoning Board of Appeals			
d. Other local agencies ☐Yes ☑No			
e. County agencies ☐Yes ✔No			
f. Regional agencies ☐Yes ✔No			
g. State agencies ✓Yes No	NYSDEC	May 2021	
h. Federal agencies	USACE	May 2021	
 i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? iii. Is the project site within a Coastal Erosion Hazard Area? 			
C. Planning and Zoning			
C.1. Planning and zoning actions.			
 Will administrative or legislative adoption, or a only approval(s) which must be granted to enal If Yes, complete sections C, F and G. If No, proceed to question C.2 and cor 		-	□Yes ☑ No
C.2. Adopted land use plans.			
a. Do any municipally- adopted (city, town, vil where the proposed action would be located? If Yes, does the comprehensive plan include spowould be located?			□Yes ☑ No □Yes ☑ No
b. Is the site of the proposed action within any I Brownfield Opportunity Area (BOA); design or other?) If Yes, identify the plan(s):	ocal or regional special planning district (for e ated State or Federal heritage area; watershed		□Yes ☑ No
c. Is the proposed action located wholly or part or an adopted municipal farmland protection If Yes, identify the plan(s):		ipal open space plan,	∐Yes ☑ No

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? Commercial, Neigh Residential, Conservation, Rural Residential	✓ Yes No
b. Is the use permitted or allowed by a special or conditional use permit?	∠ Yes N o
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site?	□Yes ☑ No
C.4. Existing community services.	
a. In what school district is the project site located? Dryden Central School District	
b. What police or other public protection forces serve the project site? NYS Police and Tompkins County Sheriff	
c. Which fire protection and emergency medical services serve the project site? Etna Fire Department, Dryden Ambulance, Bangs Ambulance	
d. What parks serve the project site? Monkey Run Natural Area and Dryden Rail Trail	
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed components)? Residential and Municipal	, include all
b. a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 5± acres 0.9 acres 11.2 acres	
c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, square feet)? % Units:	☐ Yes ✓ No housing units,
d. Is the proposed action a subdivision, or does it include a subdivision?	□Yes ☑ No
If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	
ii. Is a cluster/conservation layout proposed?iii. Number of lots proposed?	□Yes□No
e. Will the proposed action be constructed in multiple phases? i. If No, anticipated period of construction: months ii. If Yes: Total number of phases anticipated Anticipated commencement date of phase 1 (including demolition) month year Anticipated completion date of final phase Generally describe connections or relationships among phases, including any contingencies where progre determine timing or duration of future phases:	

f. Does the project	et include new resid	dential uses?			□Yes No	
If Yes, show num	bers of units propo	osed.			_	
	One Family	Two Family	Three Family	Multiple Family (four or more)		
Initial Phase						
At completion						
of all phases				- 		
D 4			1	1, , , , ,		
	osed action include	new non-residentia	al construction (inclu	iding expansions)?	□Yes ☑ No	
If Yes,	of structures					
ii Dimensions	in feet) of largest r	roposed structure	height:	width; andlength		
				square feet		
		-		l result in the impoundment of any	□Yes ✓No	
				agoon or other storage?	I les MINO	
If Yes,	s creation of a wate	a suppry, reservoir	, pond, take, waste to	igoon of other storage:		
	impoundment:					
ii. If a water imp	oundment, the prin	cipal source of the	water:	Ground water Surface water stream	ns Other specify:	
iii If other than w	vater identify the t	vne of impounded/	contained liquids and	d their source		
	water, identify the t	ype of impounded/		d their source.		
iv. Approximate	size of the propose	ed impoundment.	Volume:	million gallons; surface area:	acres	
				_ height; length		
vi. Construction	method/materials	for the proposed da	m or impounding str	ructure (e.g., earth fill, rock, wood, cond	crete):	
D.2. Project Op	erations					
		any excavation m	ining or dredging d	uring construction, operations, or both?	✓ Yes No	
				or foundations where all excavated	1 105 110	
materials will r		atton, grading or n		or roundations where an enea acc		
If Yes:	,					
<i>i</i> .What is the pu	rpose of the excav	ation or dredging?	Install streambank and	streambed stabilization measures		
				o be removed from the site?		
 Volume 	(specify tons or cu	bic yards): <u>260 CY</u>				
 Over wh 	at duration of time	? 3-5 months				
				ged, and plans to use, manage or dispose		
Topsoil and subsoil a	are to be excavated. I	f excavated materials	can't be placed on-site	, they will be disposed of at a NYSDEC uplar	nd fill site.	
iv Will there be	onsite dewatering	or processing of ex	cavated materials?		☐ Yes ✓ No	
	_	or processing or ex			1050110	
v. What is the to	tal area to be dred	ged or excavated?		acres		
vi. What is the m	aximum area to be	worked at any one	e time?	acres		
		-	or dredging?	feet		
	vation require blas				□Yes ∠ No	
	e reclamation goal					
Any disturbed area w	vill be reestablished to	prior conditions. Any	vexposed soil will be se	eeded and mulched to establish vegetative co	over.	
h Would the mos	magad action course	on magnit in alternati	on of increase or do	areass in size of an anaroachment	ZVac No	
				crease in size of, or encroachment	∠ Yes No	
If Yes:	into any existing wetland, waterbody, shoreline, beach or adjacent area? If Yes:					
	etland or waterboo	ly which would be	affected (by name v	vater index number, wetland map numb	er or geographic	
•		•	. •	outary to Fall Creek (Stream number 898-247	1	
				of Etna bridge) to support stabilization efforts		

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square Restoration to include all or some of the following: rock armoring, in stream rock structures, concrete block retaining basket retaining walls and vegetative measures. Approximately 1600 LF of streambank/streambed restoration.	e feet or acres:	
iii. Will the proposed action cause or result in disturbance to bottom sediments?	✓ Yes □No	
If Yes, describe: Minor disturbance necessary to install streambank and in-stream stabilization measures	105 10	
iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation?	☐ Yes ✓ No	
If Yes:		
acres of aquatic vegetation proposed to be removed:		
expected acreage of aquatic vegetation remaining after project completion:		
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):		
proposed method of plant removal:		
if chemical/herbicide treatment will be used, specify product(s):		
v. Describe any proposed reclamation/mitigation following disturbance:		
Any disturbed landscape/lawn areas will be stabilized following construction.		
c. Will the proposed action use, or create a new demand for water?	☐Yes Z No	
If Yes:	— —	
i. Total anticipated water usage/demand per day: gallons/day		
ii. Will the proposed action obtain water from an existing public water supply?	□Yes □No	
If Yes:		
Name of district or service area:		
Does the existing public water supply have capacity to serve the proposal?	☐ Yes ☐ No	
• Is the project site in the existing district?	☐ Yes ☐ No	
• Is expansion of the district needed?	☐ Yes ☐ No	
Do existing lines serve the project site?	□Yes□No	
iii. Will line extension within an existing district be necessary to supply the project?If Yes:	□Yes □No	
Describe extensions or capacity expansions proposed to serve this project:		
Source(s) of supply for the district:	-	
iv. Is a new water supply district or service area proposed to be formed to serve the project site?	☐ Yes ☐ No	
If, Yes:		
Applicant/sponsor for new district:		
Date application submitted or anticipated:		
Proposed source(s) of supply for new district:		
v. If a public water supply will not be used, describe plans to provide water supply for the project:		
vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: gal	lons/minute.	
d. Will the proposed action generate liquid wastes?	☐ Yes ☑ No	
If Yes:		
i. Total anticipated liquid waste generation per day: gallons/day		
ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all co		
approximate volumes or proportions of each):		
iii. Will the proposed action use any existing public wastewater treatment facilities?	☐Yes ☐No	
If Yes:		
Name of wastewater treatment plant to be used:		
Name of district:		
 Does the existing wastewater treatment plant have capacity to serve the project? 	□Yes □No	
• Is the project site in the existing district?	□Yes □No	
Is expansion of the district needed? ☐ Yes ☐No ☐ No ☐ Yes		

 Do existing sewer lines serve the project site? 	□Yes□No
 Will a line extension within an existing district be necessary to serve the project? 	□Yes□No
If Yes:	
Describe extensions or capacity expansions proposed to serve this project:	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	□Yes□No
If Yes:	
Applicant/sponsor for new district:	
Date application submitted or anticipated: Visit Vis	
• What is the receiving water for the wastewater discharge?	ifring proposed
receiving water (name and classification if surface discharge or describe subsurface disposal plans):	nymg proposed
receiving water (name and classification if surface discharge of describe subsurface disposal plans).	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point	□Yes ☑ No
sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point	
source (i.e. sheet flow) during construction or post construction?	
If Yes:	
i. How much impervious surface will the project create in relation to total size of project parcel? Square feet or acres (impervious surface)	
Square feet of acres (impervious surface) Square feet or acres (parcel size)	
ii. Describe types of new point sources.	
u. Describe types of new point sources.	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent programme to the control of the control	roperties,
groundwater, on-site surface water or off-site surface waters)?	1 ,
If to surface waters, identify receiving water bodies or wetlands:	
Will stormwater runoff flow to adjacent properties?	□Yes□No
<i>iv</i> . Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	☐ Yes ☐ No
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel	∠ Yes N o
combustion, waste incineration, or other processes or operations?	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
Portable generator, excavator and dump truck during construction	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
N/A	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit,	□Yes ✓ No
or Federal Clean Air Act Title IV or Title V Permit?	
If Yes:	
<i>i.</i> Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	□Yes□No
ambient air quality standards for all or some parts of the year)	
ii. In addition to emissions as calculated in the application, the project will generate:	
•Tons/year (short tons) of Carbon Dioxide (CO ₂)	
•Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
•Tons/year (short tons) of Perfluorocarbons (PFCs)	
•Tons/year (short tons) of Sulfur Hexafluoride (SF ₆)	
Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

h. Will the proposed action generate or emit methane (included landfills, composting facilities)? If Yes:		∐Yes ☑ No
i. Estimate methane generation in tons/year (metric):ii. Describe any methane capture, control or elimination me electricity, flaring):	easures included in project design (e.g., combustion to g	enerate heat or
Will the proposed action result in the release of air polluta quarry or landfill operations? If Yes: Describe operations and nature of emissions (e.g., di		□Yes ☑ No
 j. Will the proposed action result in a substantial increase in new demand for transportation facilities or services? If Yes: i. When is the peak traffic expected (Check all that apply) Randomly between hours of	: Morning Evening Weekend	Yes
 iii. Parking spaces: Existing	sting roads, creation of new roads or change in existing available within ½ mile of the proposed site? ortation or accommodations for use of hybrid, electric	□Yes□No
 k. Will the proposed action (for commercial or industrial profor energy? If Yes: i. Estimate annual electricity demand during operation of the project other): ii. Anticipated sources/suppliers of electricity for the project other): iii. Will the proposed action require a new, or an upgrade, to the project other. 	he proposed action:ct (e.g., on-site renewable, via grid/l	
Normalize Nonday - Friday: 7 AM to 6 PM Saturday: 8 AM to 5 PM Sunday: N/A Holidays: N/A	 ii. During Operations: Monday - Friday:	

	Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?	Z Yes □No
If y		
<i>i</i> .	Provide details including sources, time of day and duration:	
	struction vehicles will exceed existing ambient noise levels. Construction hours are anticipated to be Monday - Friday 7AM to 6P 8AM to 5PM and no construction on Sundays and Holidays.	M and Saturdays
	Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	☐ Yes ☑ No
	Describe:	LI ICS ZINO
n. '	Will the proposed action have outdoor lighting?	☐ Yes ☑ No
If	yes:	
i.	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	
ii.	Will proposed action remove existing natural barriers that could act as a light barrier or screen?	□Yes□No
	Describe:	
o.]	Does the proposed action have the potential to produce odors for more than one hour per day?	☐ Yes ☑ No
	If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest	
	occupied structures:	
p. \	Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?	☐ Yes ☑ No
	Yes:	
ii.	Product(s) to be stored	
iii.	Generally, describe the proposed storage facilities:	
	Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides,	☐ Yes ☑ No
	insecticides) during construction or operation? Yes:	
	Describe proposed treatment(s):	
ii	. Will the proposed action use Integrated Pest Management Practices?	☐ Yes ☐No
	Will the proposed action (commercial or industrial projects only) involve or require the management or disposal	☐ Yes ☑ No
C	of solid waste (excluding hazardous materials)?	
	Yes:	
i.	Describe any solid waste(s) to be generated during construction or operation of the facility:	
	Construction: tons per (unit of time)Operation: tons per (unit of time)	
ii	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
	• Construction:	
		_
	• Operation:	
jji	Proposed disposal methods/facilities for solid waste generated on-site:	
	Construction:	
	• Operation:	

s. Does the proposed action include construction or modiff Yes: i. Type of management or handling of waste proposed other disposal activities):		or transfer station, composting	☐ Yes ☑ No g, landfill, or	
 ii. Anticipated rate of disposal/processing: Tons/month, if transfer or other non-omega Tons/hour, if combustion or thermal tiii. If landfill, anticipated site life: 	treatment	ent, or		
t. Will the proposed action at the site involve the commen	rcial generation, treatment,	storage, or disposal of hazarde	ous No Yes No	
waste? If Yes: i. Name(s) of all hazardous wastes or constituents to be	e generated, handled or man	naged at facility:		
ii. Generally describe processes or activities involving h	nazardous wastes or constitu	uents:		
iii. Specify amount to be handled or generatedtoiv. Describe any proposals for on-site minimization, rec		s constituents:		
v. Will any hazardous wastes be disposed at an existing If Yes: provide name and location of facility:			□Yes□No	
If No: describe proposed management of any hazardous	wastes which will not be se	nt to a hazardous waste facilit	y:	
E. Site and Setting of Proposed Action				
E.1. Land uses on and surrounding the project site				
a. Existing land uses. i. Check all uses that occur on, adjoining and near the ☐ Urban ☐ Industrial ☑ Commercial ☑ Resid ☑ Forest ☐ Agriculture ☑ Aquatic ☐ Other ii. If mix of uses, generally describe:	lential (suburban) Ru			
b. Land uses and covertypes on the project site. Land use or	Current	Acreage After	Change	
Covertype	Acreage	Project Completion	(Acres +/-)	
Roads, buildings, and other paved or impervious surfaces	2.4	2.4	0	
Forested	3.2	3.2	0	
Meadows, grasslands or brushlands (non- agricultural, including abandoned agricultural)	2.9	2.9	0	
Agricultural (includes active orchards, field, greenhouse etc.)				
Surface water features (lakes, ponds, streams, rivers, etc.)	2.7	2.7	0	
Wetlands (freshwater or tidal)				
Non-vegetated (bare rock, earth or fill)				
• Other Describe:				
<u> </u>		1		

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities: e. Does the project site contain an existing dam? □ Yes ☑ No	c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain:	□Yes☑No
If Yes: i. Dimensions of the dam and impoundment: • Dam height: • Dam length: • Dam length: • Surface area: • Volume impounded: ii. Dam's existing hazard classification: iiii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Provide date and summarize results of last inspection: iii. Describe the location of the project site relative to the boundaries of the solid waste management facility: iii. Describe any development constraints due to the prior solid waste activities: iii. Describe any development constraints due to the prior solid waste activities: g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: ii. Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: ii. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Yes No remedial actions been conducted at or adjacent to the proposed site? ii. Is self-the provide DEC ID number(s): Yes No remedial actions been conducted at or adjacent to the proposed site? Yes N	d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes,	☐Yes ✓ No
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remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site		ed:
remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site		
remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site	h. Detential contemination history. Has there been a reported spill at the proposed project site, or have any	DVas No
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes − Spills Incidents database Provide DEC ID number(s): Yes − Environmental Site Remediation database Neither database ii. If site has been subject of RCRA corrective activities, describe control measures: iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes □ No		☐ 1 es ► 100
Remediation database? Check all that apply: Yes – Spills Incidents database Yes – Environmental Site Remediation database Neither database It is ite has been subject of RCRA corrective activities, describe control measures: It is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes — In umber(s): Yes — In umber(s): Yes — No if yes, provide DEC ID number(s):	v i i	
☐ Yes – Spills Incidents database Provide DEC ID number(s): ☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): ☐ Neither database Provide DEC ID number(s): iii. If site has been subject of RCRA corrective activities, describe control measures: iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐ Yes No If yes, provide DEC ID number(s): ☐ Yes No	i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site	□Yes□No
☐ Yes – Environmental Site Remediation database Provide DEC ID number(s):		
 Neither database ii. If site has been subject of RCRA corrective activities, describe control measures: iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): 	Yes – Spills Incidents database Provide DEC ID number(s):	
ii. If site has been subject of RCRA corrective activities, describe control measures:		
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐ Yes ✓ No If yes, provide DEC ID number(s):	_	
If yes, provide DEC ID number(s):	n. If site has been subject of KCKA corrective activities, describe control measures:	
If yes, provide DEC ID number(s):	iii Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?	□ Ves ✓ No
(, (, (, door-of domest of one (o).		
	1 jes to (1), (ii) of (iii) accorde carrent status of site(s).	

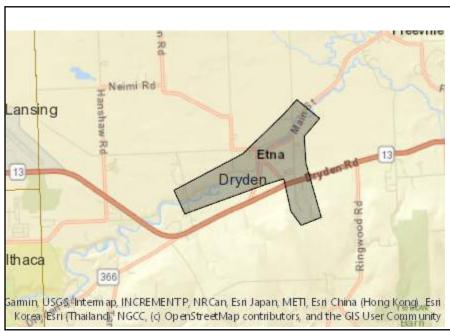
v. Is the project site subject to an institutional control		☐ Yes ☑ No
If yes, DEC site ID number:		
Describe the type of institutional control (e.g.		
Describe any use limitations:Describe any engineering controls:		
Will the project affect the institutional or engineering controls.		☐ Yes ☐ No
Explain:		
2.p.m		
E.2. Natural Resources On or Near Project Site		
a. What is the average depth to bedrock on the project	site? <u>>6.5</u> feet	
b. Are there bedrock outcroppings on the project site?		☐ Yes ∠ No
If Yes, what proportion of the site is comprised of bed	rock outcroppings?%	ó
c. Predominant soil type(s) present on project site:	Alluvial Land - Ab	62 %
71 \/ 1 3	Chenango Gravelly Loam - CnB	%
	Wayland Soils - Ws	13%
d. What is the average depth to the water table on the	project site? Average:3-6 feet	
e. Drainage status of project site soils: Well Draine	d: <u>15_</u> % of site	
✓ Moderately	Well Drained: <u>15</u> % of site	
f. Approximate proportion of proposed action site with	n slopes: 🗹 0-10%:86_%	6 of site
	☑ 10-15%:3_%	6 of site
	✓ 15% or greater:1_%	ó of site
g. Are there any unique geologic features on the project If Yes, describe:		□Yes ☑ No
h. Surface water features.		
i. Does any portion of the project site contain wetland	ls or other waterbodies (including streams, r	rivers, Yes No
ponds or lakes)?		ZV. DN.
ii. Do any wetlands or other waterbodies adjoin the pr	oject site?	∠ Yes No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	disjuing the project site recorded by one fo	deral, ✓Yes□No
<i>iii.</i> Are any of the wetlands or waterbodies within or a state or local agency?	adjoining the project site regulated by any led	derai, Fes No
<i>iv.</i> For each identified regulated wetland and waterbo	dy on the project site, provide the following	information:
	Classifi	
	Classifi S Wetland, Federal Waters, Fe Approx	
	Wetland, Federal Waters, Fe Approx	kimate Size NYS Wetland (in a
• Wetland No. (if regulated by DEC) <u>DR-2</u>		
v. Are any of the above water bodies listed in the mos waterbodies?	t recent compilation of NYS water quality-in	mpaired ☐ Yes ☑ No
If yes, name of impaired water body/bodies and basis	for listing as impaired:	
in yes, name of impared water body/bodies and basis	or insting as impaned.	
i. Is the project site in a designated Floodway?		□Yes ✓No
j. Is the project site in the 100-year Floodplain?		✓ Yes □No
k. Is the project site in the 500-year Floodplain?		□Yes ∠ No
l. Is the project site located over, or immediately adjoi	ning, a primary, principal or sole source aqui	ifer?
If Yes: i. Name of aquifer:		

m. Identify the predominant wildlife species	that against or use the project site:		
White Tail Deer	Easter Cottontail Rabbit		
Raccoon	Easter Skunk	White-Footed Mouse	
Green Frog and American Toad		Seasonal Birds*	
n. Does the project site contain a designated	significant natural community?		☐Yes ☑ No
If Yes:			
<i>i</i> . Describe the habitat/community (composition)	sition, function, and basis for design	nation):	
ii. Source(s) of description or evaluation: _			
iii. Extent of community/habitat:			
Currently:		acres	
 Following completion of project as 	proposed:	acres	
• Gain or loss (indicate + or -):			
, ,			
o. Does project site contain any species of pl	ant or animal that is listed by the fe	ederal government or NYS as	☐ Yes ✓ No
endangered or threatened, or does it contai			
If Yes:	•		
i. Species and listing (endangered or threatene	d):		
i. Species and fishing (chadingered of threatene	u)		
p. Does the project site contain any species	of plant or animal that is listed by N	VYS as rare, or as a species of	☐ Yes ✓ No
special concern?			
If Yes:			
i. Species and listing:			
w species and issuing.			
q. Is the project site or adjoining area current			□Yes ∠ No
If yes, give a brief description of how the pro	oposed action may affect that use: _		
E.3. Designated Public Resources On or N	<u> </u>		
a. Is the project site, or any portion of it, loca	ated in a designated agricultural dist	trict certified pursuant to	∠ Yes N o
Agriculture and Markets Law, Article 25-	-AA, Section 303 and 304?	_	
If Yes, provide county plus district name/nu	mber: TOMP001		
• •			
b. Are agricultural lands consisting of highly			□Yes ∠ No
<i>i.</i> If Yes: acreage(s) on project site?			
ii. Source(s) of soil rating(s):			
c. Does the project site contain all or part of	or is it substantially continuous to	a registered National	☐Yes ✓ No
Natural Landmark?	, or is it substantially configuous to	, a registered inational	T I GS NINO
If Yes:	International Community	Contraind Foot	
		Geological Feature	
ii. Provide brief description of landmark, in	ncluding values behind designation	and approximate size/extent:	
d To the municipate site leasted in an day, 't all'	in a state listed Critical Engineers	ntol Among	DVac IN a
d. Is the project site located in or does it adjo	om a state fisted Critical Environme	mai Area!	☐ Yes ✓ No
If Yes:			
i. CEA name:			
ii. Basis for designation:			
iii. Designating agency and date:			

* Notes on predominant wildlife:
Year-Round Birds could include black capped-chickadee, white breasted nuthatch, downy woodpecker, mourning dove and European starling.
Seasonal Birds could include red-winged blackbird, song sparrow, house wren and American robin

e. Does the project site contain, or is it substantially contiguous to, a bu which is listed on the National or State Register of Historic Places, or Office of Parks, Recreation and Historic Preservation to be eligible for If Yes: i. Nature of historic/archaeological resource: □Archaeological Site	that has been determined by the Commission listing on the State Register of Historic Planus	
ii. Name: iii. Brief description of attributes on which listing is based:	☐Historic Building or District	
f. Is the project site, or any portion of it, located in or adjacent to an are archaeological sites on the NY State Historic Preservation Office (SH		□Yes ☑No
g. Have additional archaeological or historic site(s) or resources been id. If Yes: i. Describe possible resource(s): ii. Basis for identification:		□Yes □ No
h. Is the project site within fives miles of any officially designated and scenic or aesthetic resource? If Yes: i. Identify resource: *See list below		∐Yes Z No
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overleetc.): Local Park		scenic byway,
iii. Distance between project and resource:	niles.	
 i. Is the project site located within a designated river corridor under the Program 6 NYCRR 666? If Yes: i. Identify the name of the river and its designation: 		☐ Yes No
<i>ii</i> . Is the activity consistent with development restrictions contained in		∐Yes □No
F. Additional Information Attach any additional information which may be needed to clarify you If you have identified any adverse impacts which could be associated measures which you propose to avoid or minimize them.		pacts plus any
G. Verification I certify that the information provided is true to the best of my knowled	edge.	
Applicant/Sponsor Name Rick Young	Date_03/18/2021	
Signature Rick Goung	Title_Town Of Dryden Highway & DPW Superior	ntendent

*Cornelll Botanic Gardens, Fall Creek Corridor Unique Natural Area, Monkey Run Unique Area. Federally designated Fall Creek wetland, Cayuga Trail, Federally designated Freese Road Bridge (eligible for listing on the National Register of Historic Structures)

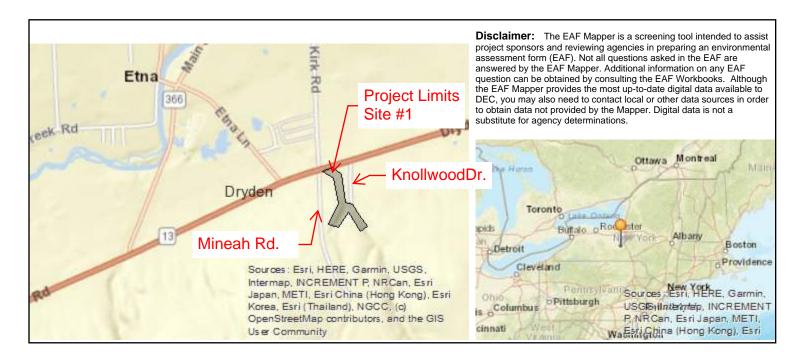


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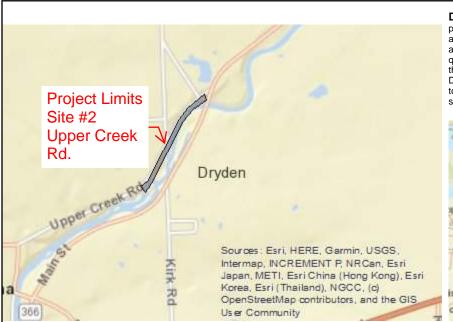


B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	898-247
E.2.h.iv [Surface Water Features - Stream Classification]	A
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):37.1
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	DR-2
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.I. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	TOMP001
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
Part 1 / Question 20 [Remediation Site]	No



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Ottawa Montreal



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Part 1 / Question 20 [Remediation Site]	No

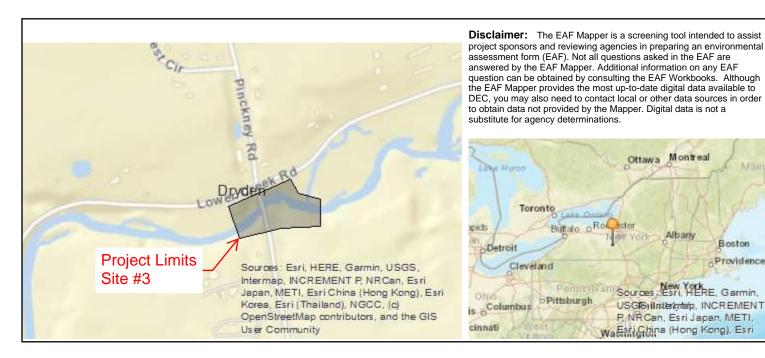




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Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
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Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
Part 1 / Question 20 [Remediation Site]	No



Part 1 / Question 7 [Critical Environmental Area]	No
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Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
Part 1 / Question 20 [Remediation Site]	No

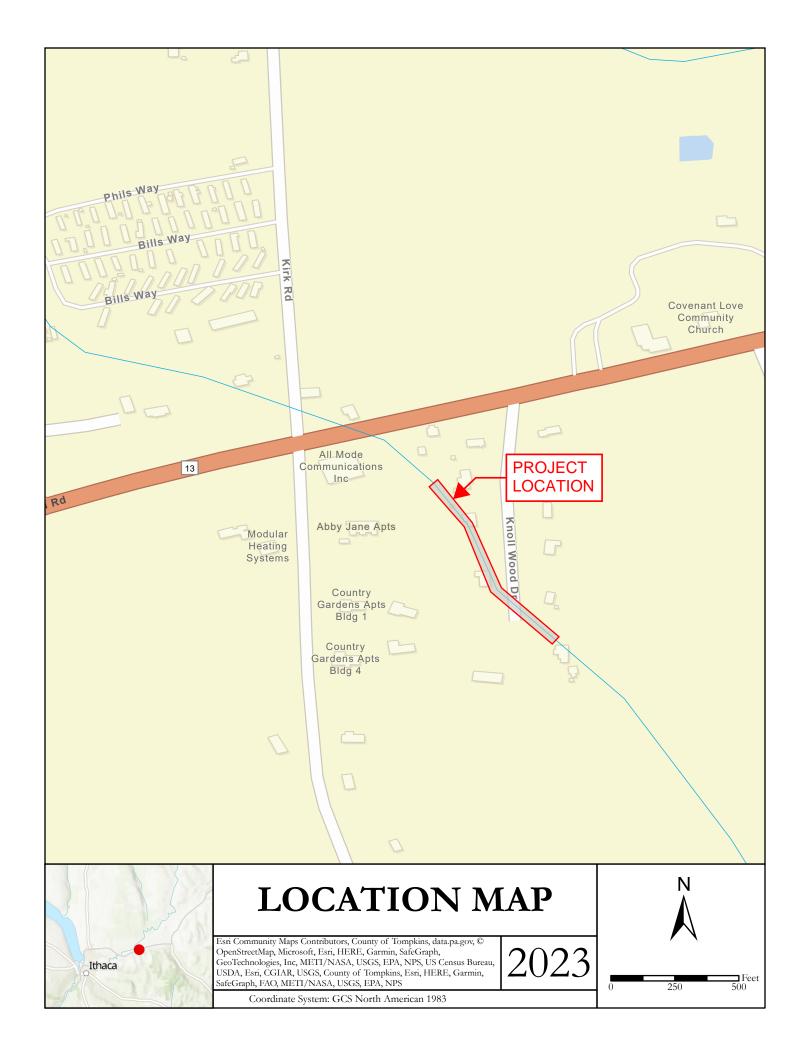




Photo 1: Streambank Erosion at 2 Knollwood Drive



Photo 2: Streambank Erosion between 2 and 4 Knollwood Drive



Photo 3: Existing Gabion Basket Ledge at 4 Knollwood Drive



Photo 4: Failing Concrete Wall at 6 Knollwood Drive



Photo 5: Failing Concrete Wall at 6 Knollwood Drive



Photo 6: Streambank Erosion

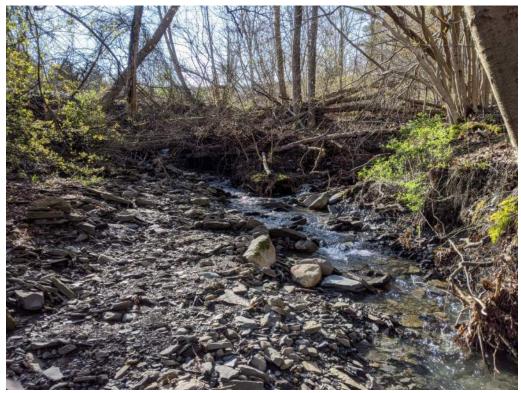


Photo 7: Confluence of Tributaries



Photo 8: Tributary from Mineah Road



Photo 9: Driveway Culvert at 8 Knollwood Drive



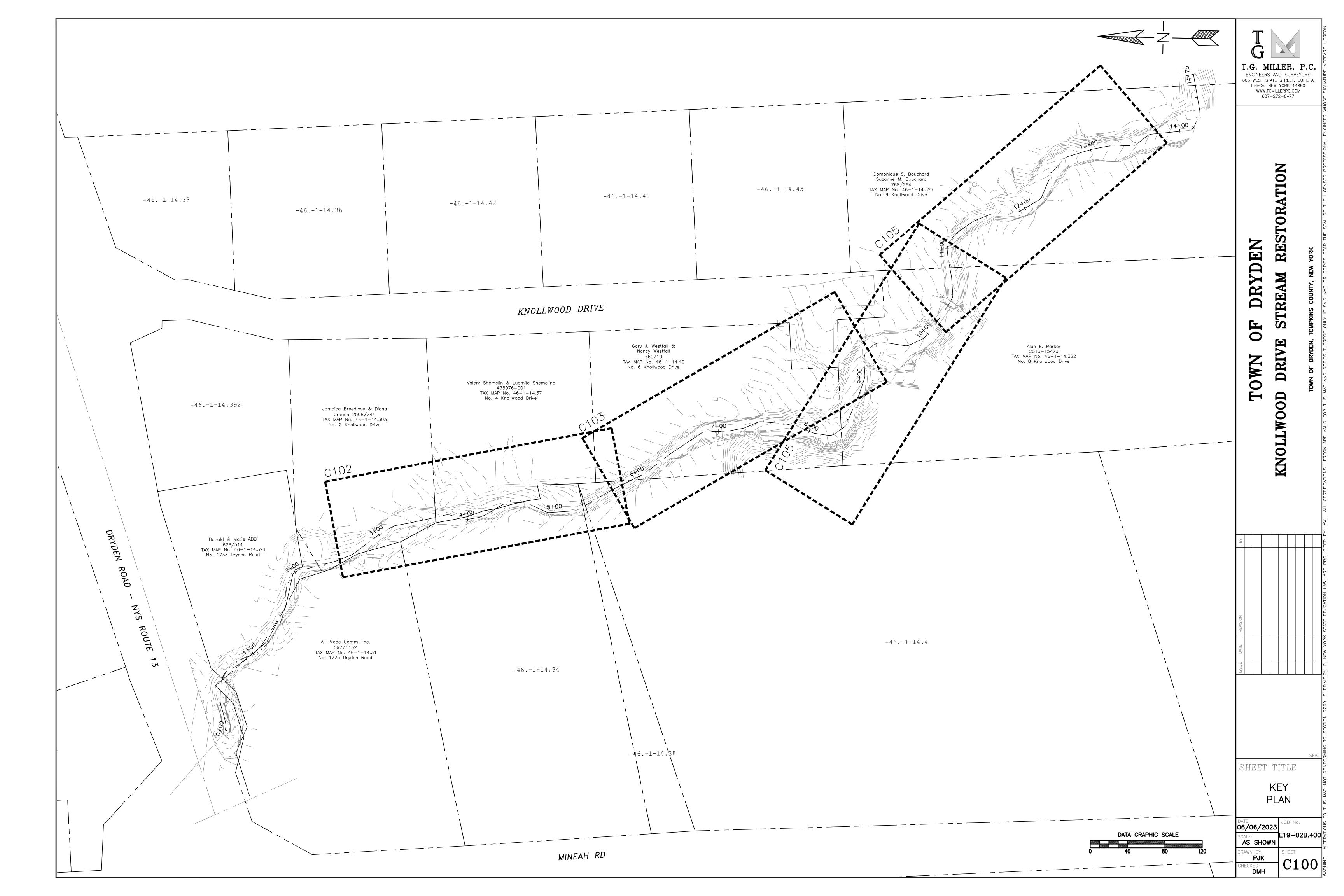
Photo 10: Failing Timbers

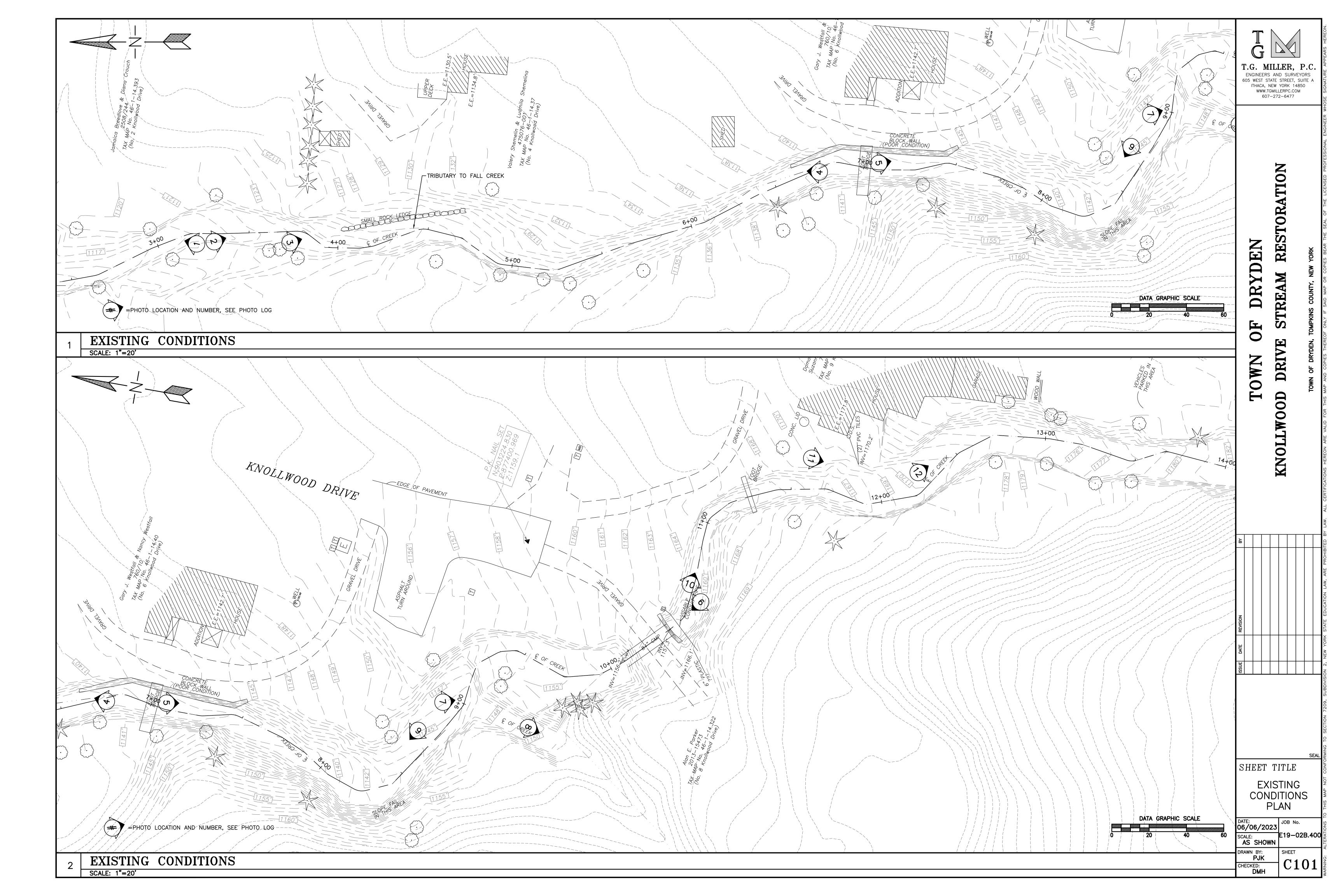


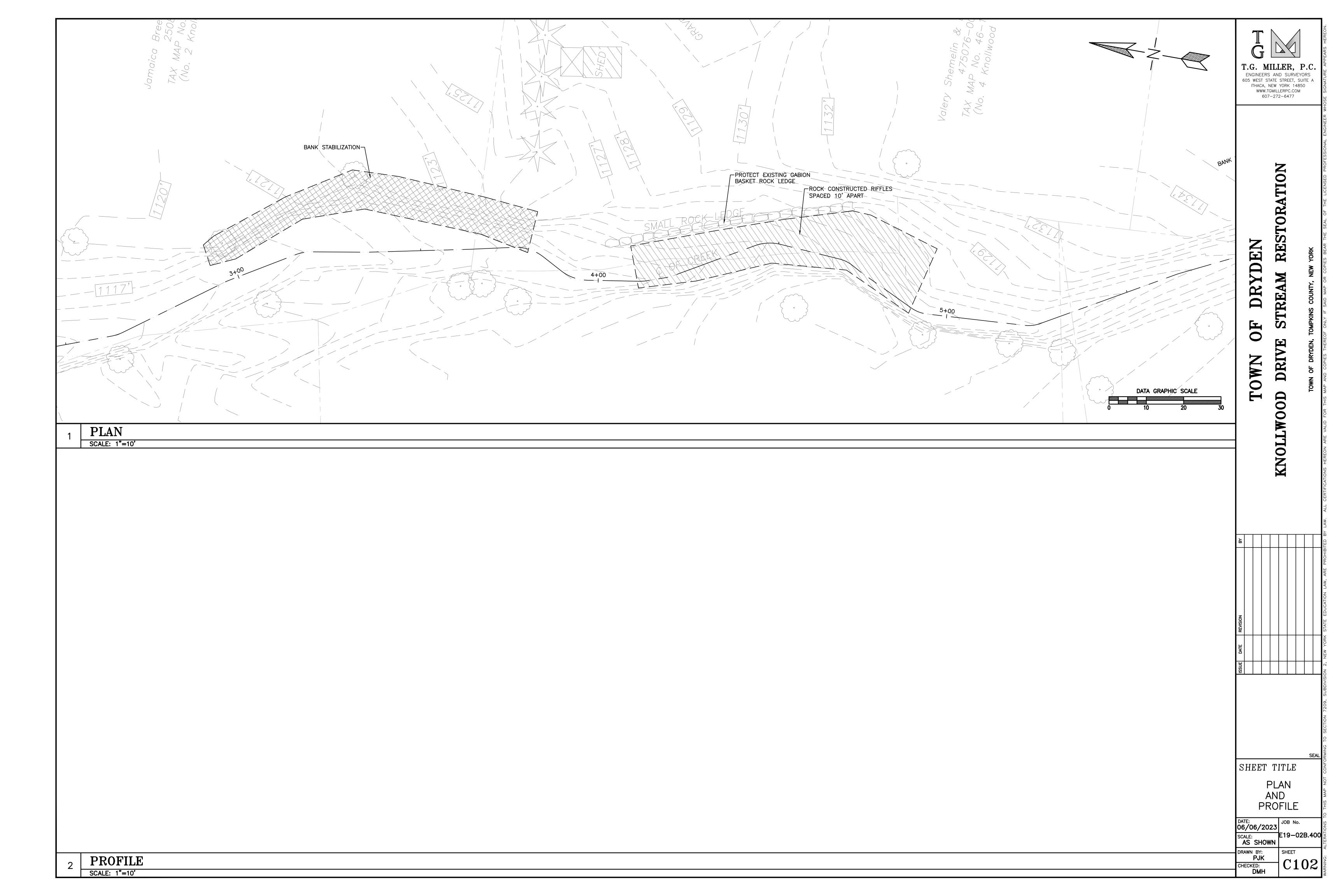
Photo 11: Streambank Erosion at 9 Knollwood Drive

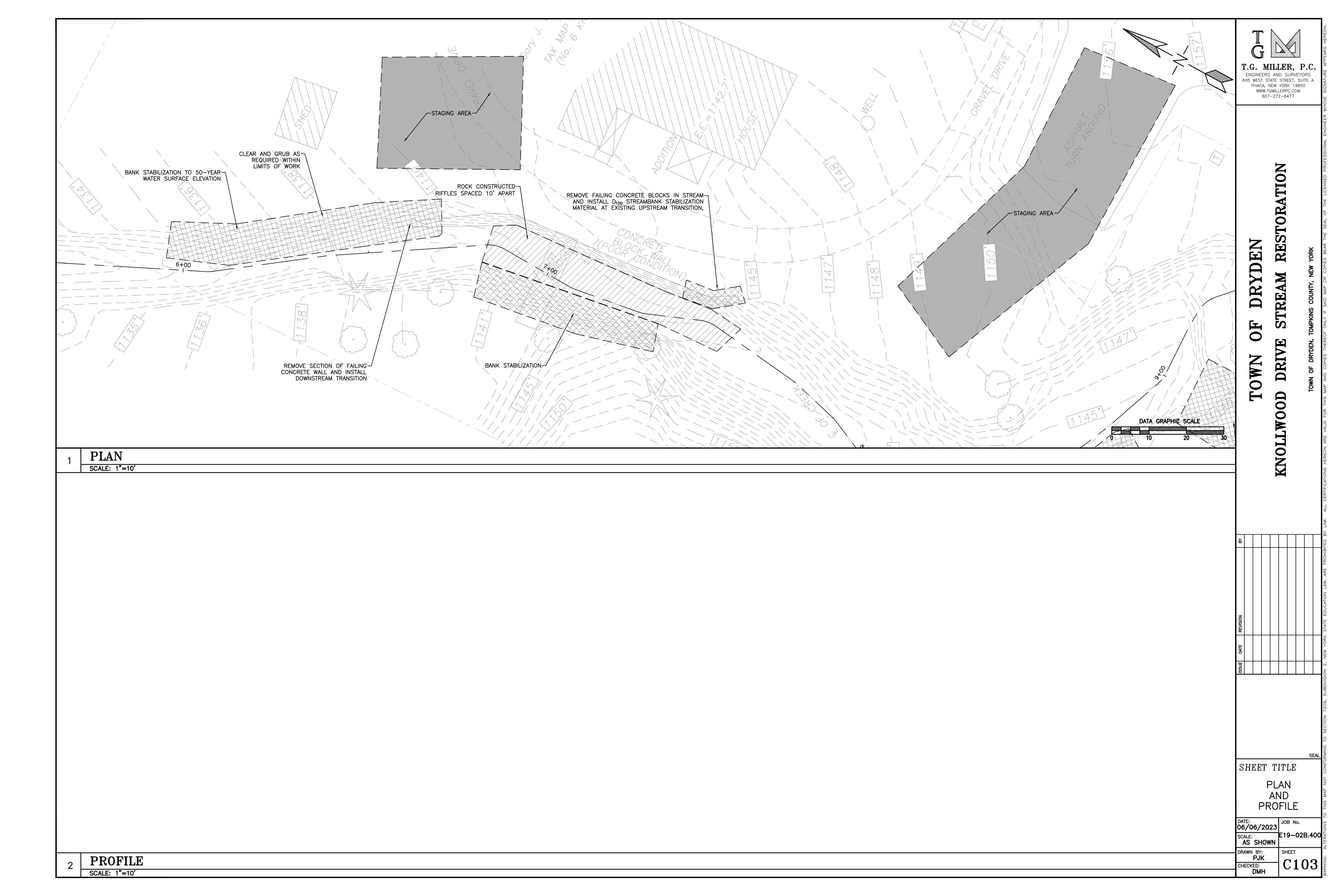


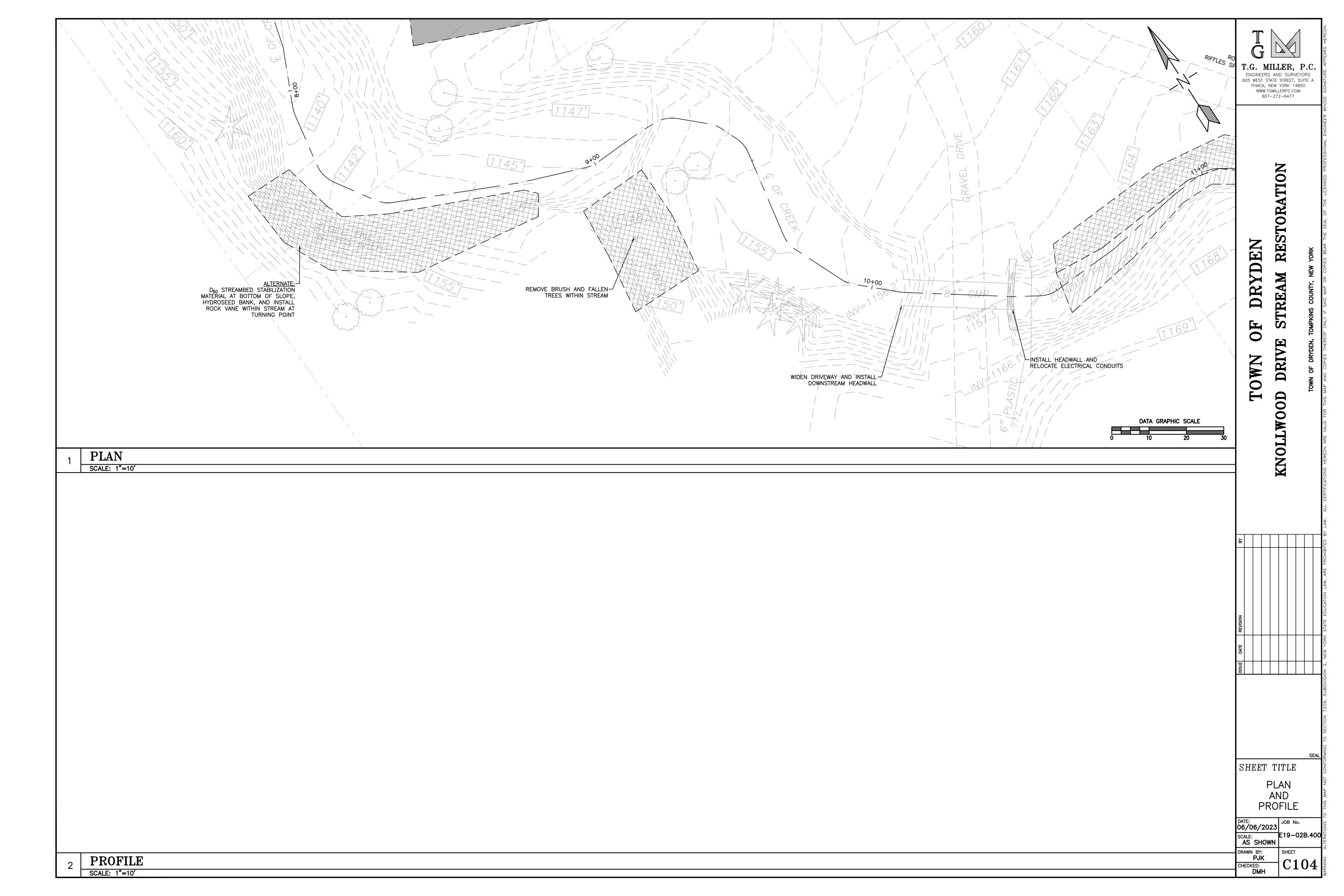
Photo 12: Streambank Erosion at 9 Knollwood Drive – Facing South

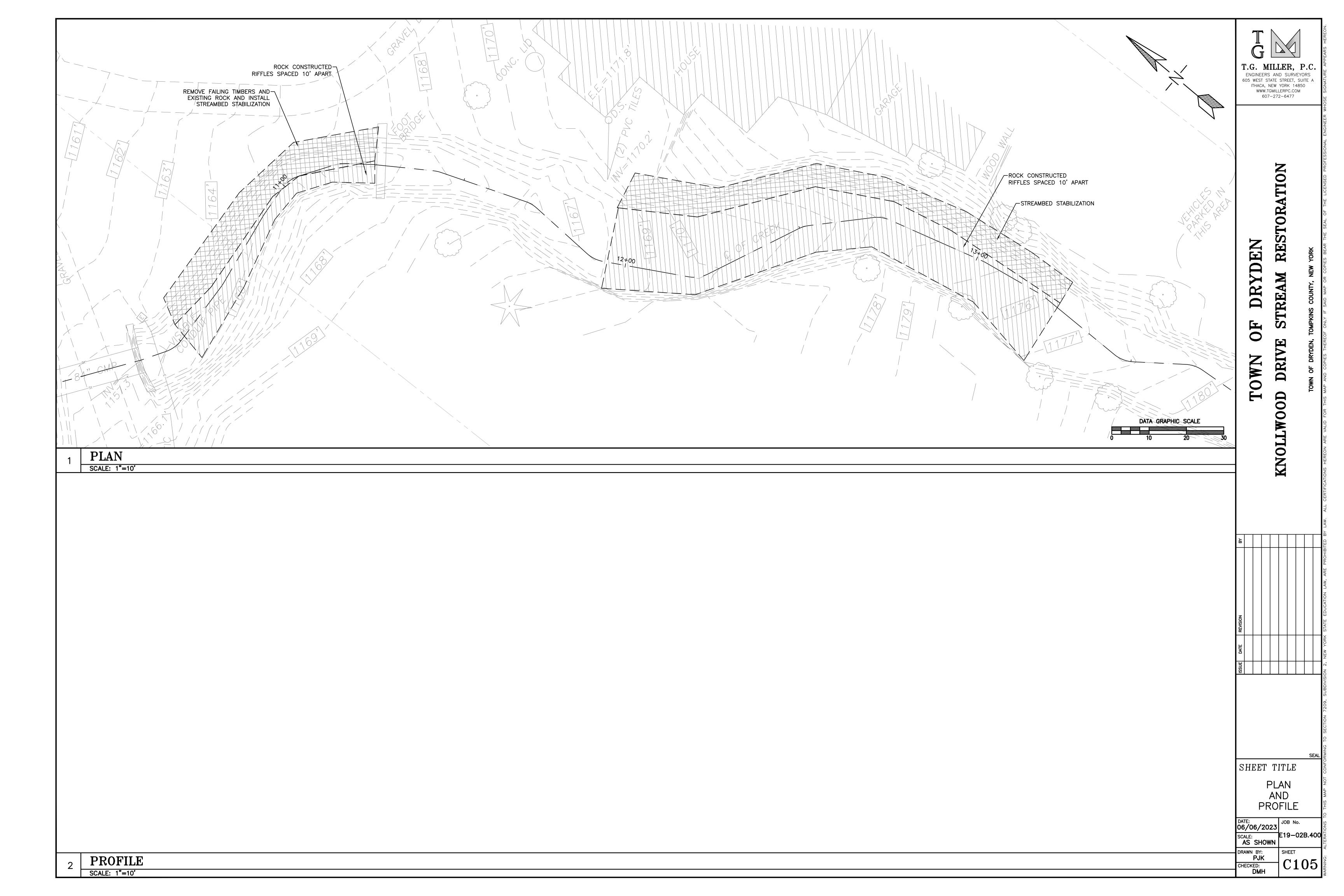


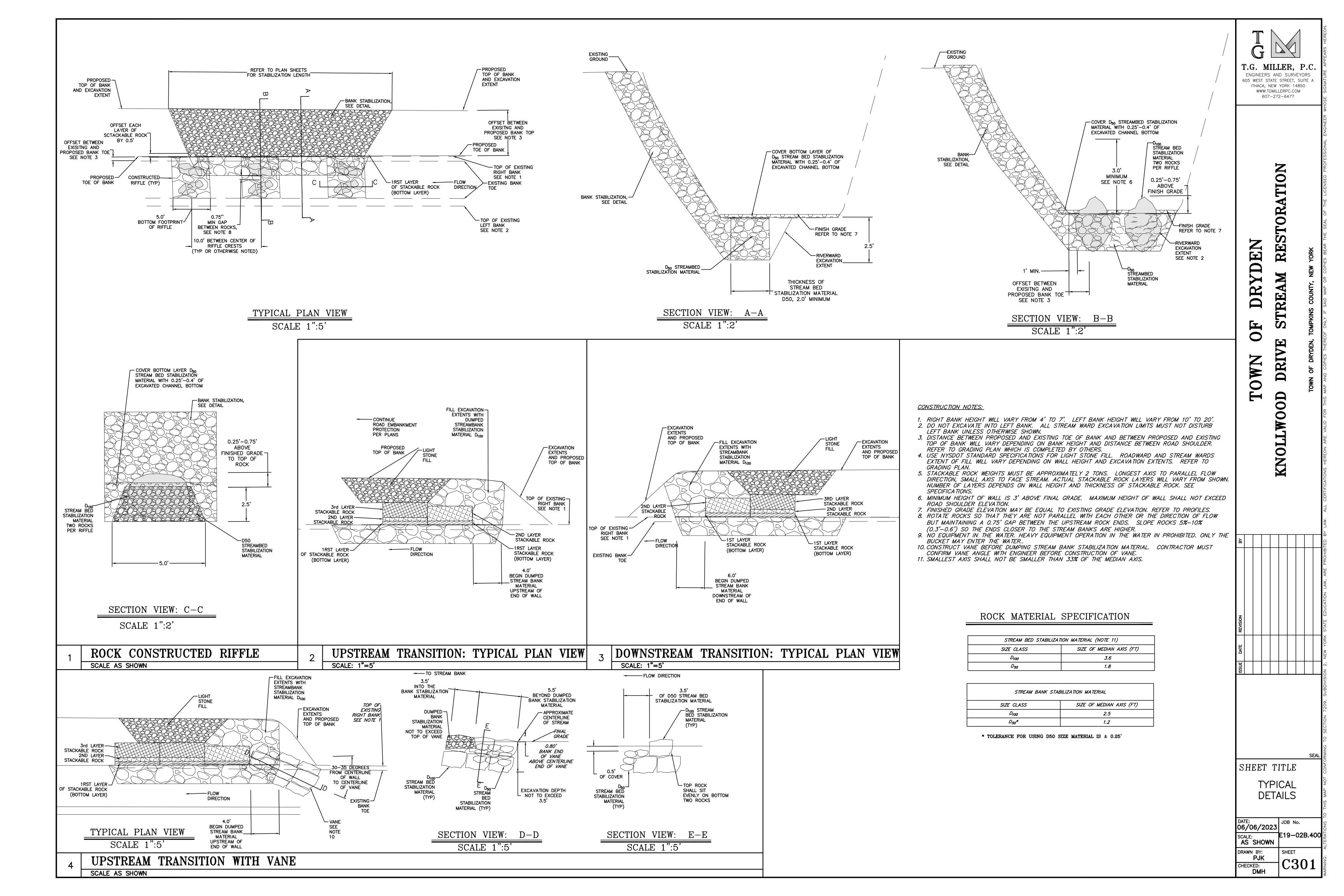


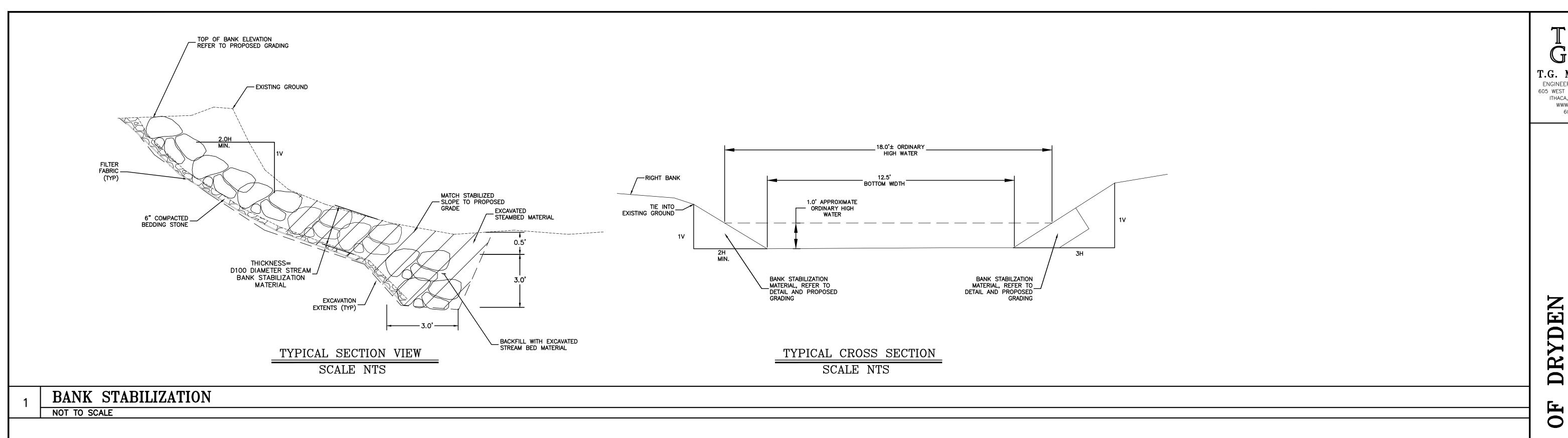












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607-272-6477

TION RESTOR. DRYDEN

STRE/ DRIVE TOWN NOTTM

SHEET TITLE

TYPICAL DETAILS

DATE: 06/06/2023

SCALE: AS SHOWN

DRAWN BY: PJK

CHECKED: DMH