



Engineer's Report

Prepared for:

Pro-cutters Landscape Inc

2970 County Road 10

TOWN OF CANANDAIGUA, NY 14424

Date:

March 1, 2022

Prepared by:



42 Beeman St

Canandaigua, NY 14424

(585)329-6138



42 Beeman St. Canandaigua, NY 14424

Engineer's Report

Pro-cutters Landscape Inc.

March 1, 2022

Marks Engineering, P.C. (Marks Engineering) has prepared this Engineer's Report for the new facility noted above located:

Tax Map # 84.00-1-45.20 2970 County Road 10 Town of Canandaigua Ontario County New York

Project Description/Intent:

The Pro-cutters Landscape Inc site is located on an existing +/- 11.2 acre site in the Town of Canandaigua with tax account number 84.00-1-45.20 The project site is located on the northwest corner of County Road 10 and County Road 46 roundabout with frontages along both county roads.

Site development includes proposal to construct a 4800 s.f. landscape supply store and 5000 s.f. landscape contracting building. The landscape supply store will operate as a landscape supply retail sore and the landscape contracting building will be offices for Pro-cutters Landscape Inc. The project includes two phases. The first phase will be the 5000 s.f. landscape contracting building and other site amenities which include site access from County Road 46, stormwater management area, septic system, water supply and landscape material storage bunkers. The second phase will include the landscape supply building and the retail area along with access connection from County Road 10, another access from County Road 46 and other site amenities.

Water supply will be provided from a proposed 6" PVC DR-18 private water service/combined service connecting to the existing watermain located on the west side of County Road 10. The water service installation will include backflow prevention equipment and domestic water metering installed on the water service within the proposed building to provide protection of the public watermain from backflow of water from the site water service.

Sanitary wastewater treatment is proposed to be addressed by the installation of a private onsite wastewater treatment system (WWTS) designed per the current New York State Department of Health (NYSDOH) and New York State Department of Environmental Conservation. (NYSEC) requirements for a private intermediate sized WWTS.

A comprehensive stormwater management plan has been prepared and addresses the runoff from the proposed site development and includes treatment of stormwater from the proposed impervious and disturbed areas. This project has been prepared in basic conformance with the NYSDEC SPDES General Permit for Stormwater Discharges from construction activity, GP -0-20-001, where applicable.

The following report provides the technical data to support the proposed action, The report includes discussion on the water, sanitary sewer services, stormwater management, construction erosion control and other site components.

Existing Conditions:

The site currently is vacant and zoned light industrial. The site adjoins a NYSEG substation, Solar field, Self-storage facility, and a residence. The surface of the lot is mostly flat. The site drains west to the Canandaigua Outlet, a fifth order stream. The site is covered by brush and saplings. There are no federal or state wetlands on the site. There is a floodplain that is associated with the ditch along the road and a flood elevation of 688.63 has been assigned by the FEMA Seneca Watershed Study Map 12.

Water Supply:



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The site water supply will include connection to the existing public watermain located on the west side of Couty Road 10 with a proposed 6" PVC DR-18 private combined service extending into the site. The private combined service will include the installation of backflow prevention devices on the fire service and domestic located inside of the proposed contracting building within a mechanical room at the point the service enters the building. Downstream of the backflow prevention devices, the development will include the installation of a building water service to provide domestic water supply, a 2" domestic water service to the retail store building to provide domestic supply and a fire hydrant service located in the middle of site to provide fire protection.

Sanitary Wastewater Treatment:

The project includes the installation of a proposed private onsite WWTS located at the northeasterly corner of the site which shall be installed by the developer and will treat the domestic wastewater generated from the site The design sanitary discharge loading rate of 500 gallons per day has been utilized based upon the anticipated water use estimate. The proposed WWTS includes installation of a 6" SCH 40 PVC sanitary latera pipe from the building to a proposed 2,000 gallon precast concrete septic tank, proposed sanitary effluent pump tank with a 1.5" 160 PSI force main connected to a precast concrete distribution box, which will facilitate equal distribution of wastewater effluent. The absorption field will be constructed as a shallow absorption trench system due to site soils. The proposed sanitary WWTS has been designed in basic compliance with the NYSDOH & NYSDEC requirements based on the existing soil characteristics.

Stormwater Management:

Stormwater runoff associated with the proposed project will be treated during and after construction to meet the New-York State Department of Environment Conservation (NYSDEC) water quality and quantity requirements. A proposed stormwater management facility will be constructed to capture and detain runoff from the developed areas of the property, then release the runoff to a downstream area at a controlled rate. The stormwater management plan for the project is designed in accordance with the current rules and regulations set in the NYSDEC Stormwater Management Design Manual (January 2015) and the Town of Canandaigua requirements.

The NYSDEC Stormwater Management Design Manual provides specification and sizing criteria for the stormwater management practices for stormwater discharges. The proposed stormwater management for this project has been designed to meet the five key criteria outlines in the design manual:

- Water Quality volume (WQv) to meet pollutant removal goals
- Runoff reduction volume (RRv) by application of runoff reduction practices to replicate pre-development flows.
- Channel protection volume (Cpv) to reduce channel erosion
- Overbank flood protection (Qp) to prevent overbank flooding
- Extreme storm protection (Qf) to help control extreme floods

The existing and proposed drainage conditions at the project site were analyzed following the methods outlines in Soil Conservation Service Technical Release No. 20 & 55. Peak runoff rates for existing and post-development conditions were modeled for the 1, 10, and 100-year storm events using the HydroCAD V10 software. Runoff rates were determined based on the hydrologic characteristics of the site (soil conditions, existing and proposed land cover, time of concentration for contributing drainage areas). The SWPPP contains the stormwater hydrographs and sub area information, These stormwater hydrographs reports show the subarea routings, subarea data, stormwater management facility ad outlet structure sizing, estimated detention times storage volumes, peak ponding elevations, and discharge rates.

Site development will include installation of a storm sewer system to convey site runoff from the proposed areas to the SWMF. Storm sewers have been designed to convey for the 10-year design flows.



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Erosion Control:

The proposed stormwater management facility and comprehensive erosion control plan have been designed to control sediment runoff and provide water quality treatment during and after the site construction, As required by the NYSDEC the project will include a Stormwater Pollution Prevention Plan (SWPPP) that will combine the design presented in the report and on the plans with the requirements of NYSDEC GP 0-20-001 to outline how the owner will address the construction and post construction stormwater conditions. The construction erosion control plan has been designed per the New York Standards and Specifications for Erosion and Sediment Control.

Erosion control measures will be implemented during construction to control silt and minimize disturbance to the existing swales and drainage conditions. Typical practices include the installation and maintenance of silt fence, stone check dams, rip rap outlet protection, and filter fabric inlet protection. The disturbed areas will be seeded and mulches as soon as possible to control the erosion. Pipe outlet control rip-rap measures are also provided with the storm sewer system. Appropriate sediment and erosion control facilities will be provided at the right of way disturbances to include stabilized construction entrance and silt fence as appropriate.

The final component of the erosion control plan will be maintenance. The contractor will be responsible for installing the erosion control features, as well as maintaining and replacing them as necessary throughout the construction. An owners representative and the Town of Canandaigua will review the erosion control measures to determine their efficiency, need for replacement, or need for additional measures. A SWPPP will be prepared for the project and is to be kept on-site throughout the soil disturbing activities and until groundcover is established.

Landscaping:

The landscape plan incorporates native plan material to be used as screening trees along County Road 46 and certain adjacent parcels Seed mixes were chosen to be used within the stormwater pond area and incorporate native plan species that are well suited for places inundated with water or have year long standing water.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Prepared for:

PRO-CUTTERS LANDSCAPE SUPPLY & CONTRACTING FACILITY 2970 COUNTY ROAD 10 CANANDAIGUA, NY 14424

Date: March 1, 2022

Prepared by:



42 Beeman St Canandaigua, NY 14424 (585)329-6138



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1.0 <u>INTRODUCTION</u>

This SWPPP is prepared in accordance with the requirements of Article 17, Titles 7, 8, and Article 70 of the New York State Environmental Conservation Law to obtain coverage by the SPDES General Permit for Stormwater Discharge from Construction Activities (GP-0-20-001). A Construction Notice of Intent (NOI) has been filed with the NYSDEC (APPENDIX D), and the Town of Canandaigua will review the SWPPP and indicate its approval.

The design standards and practices outlined herein are in accordance with the <u>New York Standards and Specifications for Erosion and Sediment Control</u> and the <u>New York State Stormwater Management Design Manual (SWDM)</u>.

The SWPPP includes the following:

- Identification of the SWPPP coordinator with a description of this person's duties.
- Description of the existing site conditions including existing land use of the site (i.e., wooded areas, open grassed areas, pavement, buildings, etc.), soil types at the site, as well as the location of surface waters which are located on or next to the site (wetlands, streams, rivers, lakes, ponds, etc.).
- Identification of the body of water(s) which will receive runoff from the construction site, including the ultimate body of water that receives the stormwater.
- Identification of drainage areas and potential stormwater contaminants.
- Description of construction stormwater management controls necessary to reduce erosion, sediment, and pollutants in stormwater discharge.
- Description of the facility's monitoring plan and how controls will be coordinated with construction activities.
- Description of post-construction stormwater management practices for runoff quality and quantity control.

2.0 FACILITIES DESCRIPTION

2.1 Site Location

The proposed project is in the Town of Canandaigua located northwest of the corner of County Road 46 and County Road 10. The site is bounded by neighboring vacant rural, industrial, and residential properties.

According to the New York State Historic Preservation Office GIS – Public Access Website, the site is not in the state registry for historical significance or archeological sensitive. NYS SHPO has not yet reached a determination but once a letter of "No Impact" or a recommendation has been provided further action will be taken. Portions of the site are designated as special flood hazard areas inundated by 100-year flood: Zone A (per flood insurance rate map for Town of Canandaigua). No base flood elevations have been established but all proposed structures will be well outside of the flood plain.

2.2. Project Description

Existing:

The area of the subject property is 11.246 acres. The lots encompassed by the existing parcel contain a single family residential home and vacant lands. The lots directly to the north contain a solar farm and vacant lands. Lands to the south, east, and west of the proposed development are primarily vacant rural lands. West of the property are several wetlands and floodplains that all contribute to the Canandaigua Lake outlet. This community is a mixture of vacant and residential uses. The site is not in a NYS DEC Brownfield remediation program and no know contamination is present.

Proposed:

The proposed project will include the new development of a retail and landscape building with a new on site wastewater treatment system to serve the retail building. Additionally, there will be approximately 2.9 acres of parking and gravel road to

allow access to various proposed amenities. retail and landscape buildings will be approximately 5,760 and 5,000 square feet respectively. The total area of all new proposed impervious regions is approximately 3.18 acres. The remaining lands will be used for stormwater management and/or maintained as lawn.

2.3 Type of Construction

The development construction activities will generally consist of the following:

- Stripping of topsoil
- Earthwork (regrading of earth with cuts and fills)
- Rough grading of site
- Excavations for the installation of underground utilities
- Building construction
- Driveway installation
- Construction of stormwater management facilities
- Final grading
- Landscaping, topsoil, and seeding of disturbed areas

2.4 Existing Site Hydrology

In general, the project site drains west toward the class C stream that fronts the property along County Road 46. The total parcel as it exists consists of one main drainage area, all of which is tributary to the same unnamed class C stream. Ultimately drainage from this site is conveyed via the class C stream to the Canandaigua Lake Outlet, located just west of the site. Stormwater runoff sheets through a large early-mid successional pasture towards the previously mentioned stream.

2.4 Proposed Site Hydrology

The purpose of the Stormwater Management Plan is to safely control and convey all runoff from the site and to effectively reduce post-development runoff flows from new impervious areas while providing treatment of water quality.

The sites proposed drainage patterns will remain consistent with existing patterns

except for an increase of impervious area. Stormwater will sheet over vegetation and flow through several dry swales southwest towards the class C stream. Stormwater will enter a stormwater retention pond located at the front of Country Road 46, just south of the proposed retail building. Overbank Flood Control and Extreme Flood Control Criteria has been waived per NYSSMDM section 4.5 and 4.6 as this site discharges directly to fifth order (or larger) stream.

3.0 CONSTRUCTION STORMWATER MANAGEMENT

3.1 Stormwater Management Controls

The purpose of this section is to identify the types of temporary and permanent erosion and sediment controls that will be used on the site. The controls will provide soil stabilization for disturbed areas and structural controls to divert runoff and remove sediment. This section will also address control of other potential stormwater pollutant sources such as epoxy, concrete dust, grease, fuel oil, waste disposal, and sanitary waste disposal.

a. Temporary and Permanent Erosion Control Practices

To limit soil migration, the following measures will be implemented:

- Silt fencing will be placed along the perimeter of the area to be cleared and graded before any work takes place.
- Bare soils shall be seeded within 7 days of exposure, unless construction will begin within 14 days. Areas where soil disturbance activities have temporarily or permanently ceased, soil stabilization measures will be initiated by the end of the next business day and completed within 14 days (7 days if over 5-acres of disturbance, or 3 days during specified winter months). The temporary seed mix shall consist of 30 pounds per acre of rye grass (annual or perennial) and 100 pounds per acre winter rye (cereal rye). Use winter rye if seeding occurs in October or November.
- Within 14 days after clearing and grading, ground agricultural limestone, 5-0-10 fertilizer will be applied to each acre to be

stabilized by vegetation. The limestone should be at a pH of 6.0, and the fertilizer should be added at a rate of 600 pounds per acre. Phosphorus shall not be applied unless soil test by horticultural lab indicates it is necessary. Such lab paperwork shall be provided to the Town. If required it shall be applied at a minimum.

- After fertilizer, all areas which will not be impacted by further construction shall be permanently seeded. The permanent seed mix shall be 65% Kentucky Blue Grass blend at 85-114 pounds per acre, 20% perennial rye grass at 26-35 pounds per acre, and 15% fine fescue at 19-26 pounds per acre. An alternative seed would be 100% tall fescue, turf type fine leaf at 150-200 pounds per acre.
- After seeding, disturbed areas will be mulched with 4,000 pounds per acre of straw or hydroseeded with an appropriate tackifier.
- Topsoil stockpiles will be stabilized with temporary seed and mulch no later than 7 days from placement of the stockpile. The temporary seed shall be rye (grain) applied at the rate of 120 pounds per acre.
- Areas of the site which are to be paved will be temporarily stabilized by applying geotextile and stone sub-base until asphalt is applied.
- Stabilized construction entrances will be placed at the entrances to the site.
- All catch basins will be will have at least 1.0-foot sumps which will trap sediment from parking lot runoff following completion and stabilizations of the project. During construction, each basin will be protected from sediment laden inflow in accordance with the New York Standards and Specifications for Erosion and Sediment Control.

b. <u>Control Structure Design</u>

All erosion and sediment control structures are designed and shall be installed in accordance with the <u>New York Standards and Specifications for</u> Erosion and Sediment Control.

c. <u>Construction Practices to Minimize Stormwater Contamination</u>

All waste materials will be collected and stored in a secure metal dumpster

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supplied by a waste handler which is a licensed solid waste management company. All trash and construction debris from the site shall be deposited in the dumpster. The dumpster will be emptied on an as-needed basis and the trash will be hauled to an approved landfill. No construction materials will be buried on-site. All personnel will be instructed regarding the correct procedure for waste disposal. All sanitary waste will be collected from the portable units by a licensed sanitary sewer waste management contractor. Good housekeeping and spill control practices will be followed during construction to minimize stormwater contamination from petroleum products, fertilizers, paints, and concrete. To prevent stormwater contamination from the site, good housekeeping practices are listed below:

- Fertilizers will be applied only in the minimum amounts recommended by the manufacturer, unless specified otherwise by the engineer and will be worked into the soil to limit exposure to stormwater.
- Fertilizers and hazardous materials/waste shall be stored in a covered shed or a sealable bin to avoid spills.
- All construction vehicles on site shall be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage.
- Petroleum products shall be stored in tightly sealed containers which are clearly labeled. Storage shall comply w/ NYSDEC standard requirements for the material(s) contained.
- Sanitary waste shall be collected from portable units as needed to avoid overfilling.
- All curing compounds shall be tightly sealed and stored when not required for use. Excess compounds shall not be discharged to the storm system and shall be properly disposed according to the manufacturer's instructions.
- Materials and equipment necessary for spill cleanup shall be kept in the temporary material storage trailer onsite. Equipment shall include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, fast absorbent material, sand, saw dust, and plastic

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and metal trash containers.

• Petroleum spills must be reported to the DEC. Consult NYDEC regulations for spills.

All reportable petroleum spills and most hazardous spills must be reported to the DEC hotline (1-800-457-7362) and the National Response Center (1-800-424-8802). Report the spill to local authorities, if required. For spills not deemed reportable, facts concerning the incident shall be documented by the spiller and a record maintained for one year.

- Concrete trucks shall only be allowed to wash out or discharge surplus concrete or drum wash water to a correctly installed and maintained concrete wash-out area.
- When testing/cleaning of water supply lines occurs, the discharge from the tested pipe will be collected and conveyed to a completed stormwater collection system for ultimate discharge into the stormwater management facility.
- Stabilized construction entrances shall be constructed to reduce vehicle tracking of sediments onto public roadways.
- The paved roads at the site entrances shall be swept daily to remove excess mud, dirt, or rock tracked from the site.
- Dump trucks hauling fine and dusty material from the construction site shall be covered with a tarpaulin.
- All ruts caused by equipment used for site clearing and grading shall be eliminated by re-grading.

d. <u>Coordination of Stormwater Management Control Structures with</u> <u>Construction Activities</u>

Stormwater Management Control Structures shall be coordinated with construction activities so the control plan is in place before construction begins. The following control structures will be coordinated with construction activities:

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- The temporary perimeter controls (silt fences, stabilized construction entrance, sediment basins and check dams) shall be installed before any work begins.
- Clearing and grading shall not occur in an area until it is necessary for construction to proceed.
- Once construction activity ceases permanently in an area, that area will be immediately stabilized with permanent seed and mulch.
- The proposed detention basin shall initially be constructed as a sediment trap during construction (See Construction Documents).
- The temporary perimeter controls (silt fencing) shall not be removed until all construction activities at the site are complete and soils have been stabilized.

e. <u>Certification of Compliance with Federal, State, and Local Regulation</u>

This SWPPP reflects local, state, and federal requirements for stormwater management and erosion and sediment control, as established in SPDES General Permit for Stormwater Discharge from Construction Activity, Permit No. GP-0-20-001. There are no other applicable State or Federal requirements for sediment and erosion site plans (or permits), or stormwater management site plans (or permits).

3.2 <u>Maintenance/Inspection Procedures</u>

a. <u>Inspections</u>

Visual inspections of all cleared and graded areas of the construction site will be performed weekly as required by the SPDES General Permit for Stormwater Discharge from Construction Activities (GP-0-20-001). If at any time disturbance exceeds 5 acres, inspections will be performed twice weekly. Inspection Reports will be submitted to the developer, the construction contractor(s), and the Town of Canandaigua.

The site inspections will be conducted by a qualified professional whom the DEC defines as a person knowledgeable in principals and practice of

erosion and sediment controls, such as a licensed professional engineer, Certified Professional in Erosion and Sediment Control (CPESC), or soil scientist. The inspections will verify that the control structures described in Section 3 of this SWPPP are being utilized correctly to control erosion and sedimentation. The inspector shall also have the capacity to require additional controls as required to control erosion and sediment on the site. The inspection will also verify that the procedures used to prevent stormwater contamination from construction materials and petroleum products are effective.

The Inspection Report will be completed after each inspection. A copy of the report form to be completed by the SWPPP coordinator is provided in APPENDIX A of this SWPPP. Completed forms will be maintained onsite during the entire construction project. A copy shall also be submitted to the governing agency. The developer will be responsible for reviewing each report and making all necessary repairs to the stormwater management facilities as indicated in the report. Following construction, the completed forms shall be retained at the owner's office for a minimum of one year.

If construction activities change or design modifications are made to the site plan which could impact stormwater, this SWPPP will be amended appropriately by recommendations and requirements set forth by the inspector. The inspection report shall serve as an amendment to this SWPPP.

b. Maintenance

1. Construction

During construction and until such time as the site is stabilized, all erosion/sediment control measures shall be maintained as specified in the New York Standards and Specifications for Erosion and Sediment Control and as summarized below:

- Silt Fence Remove accumulated sediment when bulges appear in the fencing or when sediment is one-foot deep.
- Sediment Trap Remove sediment and restore trap to original dimensions when sediment has accumulated to one-half of the design depth of the trap.
- Stabilized Construction Entrance Periodic top dressing with stone is required to help prevent tracking of sediment onto public roads.
- Concrete Washout Concrete truck shall be washed out into a sealed container or diked area to prevent contaminants from discharging to surface waters.
- Onsite Dumpster A temporary dumpster with a cover should be maintained to prevent debris from littering the site.

Maintenance of the site by the owner will also include but not be limited to the following:

- Periodic sweeping of the pavement to remove accumulated sediment.
- Periodic mowing of the banks of the pond area and maintenance of the vegetation.

2. Post-Construction

APPENDIX F includes the recommended Maintenance and Management Inspection Checklists taken from the New York State Stormwater Management Design Manual for the stormwater management facility.

Maintenance of the site by the owner will also include but not be limited to the following:

• Periodic sweeping of the pavement to remove accumulated

sediment.

Periodic mowing of the banks of the pond area and maintenance of the vegetation.

3. 3. **Employee Training**

An employee training program shall be developed and implemented by the owner(s) and contractors to educate employees about the requirements of the SWPPP. This education program will include background on the components and goals of the SWPPP and hands-on training in erosion controls, spill prevention and response, good housekeeping, proper material handling, disposal and control of waste, equipment fueling, and proper storage, washing, and inspection procedures. All employees shall be trained prior to their first day on the site.

3.4 SWPPP COORDINATOR AND DUTIES

A construction site SWPPP coordinator for the facility shall be appointed by the developer and/or contractor. The duties of the construction site SWPPP coordinator include the following:

- Implement the SWPPP plan with the aid of the SWPPP team; Oversee maintenance practices identified in the SWPPP
- Implement and oversee employee training
- Conduct or provide for inspection and monitoring activities
- Identify other potential pollutant sources and make sure they are added to the plan
- Identify any deficiencies in the SWPPP and make sure they are corrected, and ensure that any changes in construction plans are addressed in the **SWPPP**
- Ensure that all housekeeping and monitoring procedures are implemented

Collection and Conveyance Facilities 4.1

Permanent stormwater collection and conveyance facilities are designed to control the developed, post-construction stormwater runoff from the proposed development, employing the following standards:

<u>Facilities</u>	Design Standard
Underground storm sewer and catch basins	- developed 10-year storm
Swales	- developed 10-year storm
Major culverts	- developed 25-year storm

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- developed 100-year storm Overland stabilized flood routes

- Pipe velocity <15 fps, rip-rap aprons provided at outlets in (1)accordance with New York Standards and Specifications for Erosion and Sediment Control.
- If calculated channel velocity exceeds 6 fps, then erosion protection (2) (i.e. stone lining, pavement, staked mesh) will be provided in accordance with New York Standards and Specifications for Erosion and Sediment Control.

Stormwater Peak Runoff Rates and Water Quality Management 4.2

Due to the construction of additional impervious surfaces, peak stormwater runoff rates, volumes, and pollutant loads will increase when the new areas are developed. Mitigation of this impact is achieved through employment of stormwater management measures that achieve pollutant removal goals, reduce channel erosion, prevent overbank flooding, and help control extreme floods. This project will meet all NYSDEC Water quality treatment requirements for the improvements. In addition, this project will meet the Town of Canandaigua required Enhanced Phosphorous Removal as outlined in Chapter 10 of the SWDM.

Green infrastructure has been implemented (Appendix C) to reduce, infiltrate and treat the required water quality volume. A total of 600 linear feet of infiltration trench promotes treatment and infiltration of stormwater through soil media. Computations for the design are included in APPENDICES B and C. FIGURES 5 and 6 show existing and proposed tributary drainage areas.

5.0 GREEN INFRASTRUCTURE TECHNIQUES

This project has incorporated several of the required practices outlined by the SWDM as "Green Infrastructure Techniques and Practices". The intent of these practices is to preserve natural areas and features as well as promote infiltration and groundwater recharge. Appendix C explains the design and implementation of these practices.

Several dry swales have been proposed to convey water towards the stormwater pond as well as offsite. These swales provide filtration through vegetative media as well as providing opportunity for infiltration of water through soil media. This practice is a total of 2,670 linear feet of dry swales.

6.0 NOTICE OF TERMINATION

Following the completion of construction, the owner/operator shall file a Notice of Termination (NOT) with the DEC (APPENDIX H). Prior to filing the NOT, the operator shall have the qualified professional perform a final site inspection, at which time the qualified professional shall certify that the site has undergone final stabilization. "Final Stabilization" means that all soil-disturbing activities at the site have been completed and a uniform, perennial vegetative cover with a density of 80% has been established or equivalent stabilization measures (such as the use of mulches or geotextile) have been employed on all unpaved areas and areas not covered by permanent structures.

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6.0 <u>Certification</u>

Engineer's Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manages the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Name		,
	Project Engineer	
Title		
Date		

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Corporate Certification (Owner)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manages the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Name	 	 	
Title			
Date	 		

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The General Contractor shall be responsible for the coordination of the installation and maintenance of all erosion and sediment controls for the project, including the work of all subcontractors. Final stabilization of the site, including removal of temporary controls and placement of permanent stormwater management practices shall also be coordinated by the General Contractor.

Contractor Certification (General Contractor)

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the New York State Pollutant Discharge Eliminate System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect, or inaccurate information is a violation of the referenced permit and the laws of the State of New York and subject me to criminal, civil, and/or administrative proceedings."

Name			
Title			
Date	 	 	

PRO-CUTTERS LANDSCAPE SUPPLY & CONTRACTING FACILITY

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The excavation and grading subcontractor shall be responsible for erosion and sediment control during all aspects of general excavation and grading including, but not limited to; clearing and grubbing, installation of temporary stabilization controls (silt fence, sediment traps, diversion swales, temporary seeding, etc.) earthwork, utility installations, paving, and other permanent, non-vegetative cover.

Contractor Certification (Excavations and Grading Subcontractor)

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the New York State Pollutant Discharge Eliminate System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect, or inaccurate information is a violation of the referenced permit and the laws of the State of New York and subject me to criminal, civil, and/or administrative proceedings."

Name	 		
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PRO-CUTTERS LANDSCAPE SUPPLY & CONTRACTING FACILITY 3/01/2021

The Landscaping Contractor shall be responsible for erosion and sediment control practices, including permanent vegetative cover, during and directly related to all landscaping for the project.

Contractor Certification (Landscaping Subcontractor)

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the New York State Pollutant Discharge Eliminate System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect, or inaccurate information is a violation of the referenced permit and the laws of the State of New York and subject me to criminal, civil, and/or administrative proceedings."

Name			
Title			
——— Date		 	

FIGURE 1 LOCATION MAP