TOWN OF CARMEL
PLANNING BOARD

60 McAlpin Avenue
Mahopac, New York 10541
Tel. (845) 628-1500 – Ext.190
www.ci.carmel.ny.us

PLANNING BOARD AGENDA
FEBRUARY 26, 2020 – 7:00 P.M.

MEETING ROOM #2

		TAX MAP #	PUB. HEARING	MAP DATE	COMMENTS
TOWN BOARD REFERRAL					
1.	Willow Wood Gun Club – 551 Union Valley Road	87.7-1-6,7 &11			Amendment to Zoning Ordinance (Discussion)
MISCELLANEOUS					
2.	Yankee Development – Piggott Road	76.15-1-12			Extension of Preliminary Subdivision Approval
3.	VIP Wash & Lube – 118 Old Route 6, Carmel	55.12-2-5			Bond Return
4.	Barone, Mariano – 32 Overlook Drive	65.18-1-4		12/18/19	Regrading Application
5.	Minutes – 02/05/20				

GEORGE J. CALCAGNINI
ATTORNEY AT LAW
376 ROUTE 202
SOMERS, NEW YORK 10589

(914) 277-2255
(914) 277-2266

FAX
(914) 277-2299

February 11, 2020

Chairman Paeprer and
Members of the
Town of Carmel Planning Board
60 McAlpin Avenue
Mahopac, NY 10541

Re: Matter of Willow Wood Gun Club
Petition for Amendment of Zoning Ordinance

Dear Chairman Paeprer and
Members of the Planning Board:

I am writing as a follow up to your Board's meeting held on February 5, 2020 regarding the text change to the Carmel Zoning Ordinance to amend the parking requirements for gun clubs. I am pleased that the members of the Board as well as Pat Cleary, the Town's Planning Consultant, recognize that the current parking requirements for Clubs is excessive, particularly for gun clubs.

At present there are two gun clubs in the Town of Carmel. Both clubs have adequate parking for their needs but, under existing code provisions, fall well short of the required parking based on membership. The issue is how to express a reasonable parking requirement with respect to Clubs that are gun ranges. Having conducted a significant amount of research, Pat Cleary, came up with some excellent ideas as to how to address the issues. At this point it looks like we are talking about some ratio of parking spaces to shooting stations (for every day operations) with some additional provisions concerning parking during special events.

During the meeting Mr. Cleary indicated that the resource materials generally relied on by traffic engineers to calculate parking requirements are silent on parking for gun ranges and that other municipalities generally look to the requirements for other recreational uses. Following our meeting I made inquiry with the National Shooting Sports Foundation (NSSF) regarding parking for gun ranges. The NSSF is the organization that has considerable expertise in advising gun ranges on a broad spectrum of issues facing them[1]. I was advised by the personnel at the NSSF that, just as Mr. Cleary stated, most municipalities set parking requirements for gun ranges

[1] While the NRA is a much more well-known organization, its primary focus is on individual rights of gun owners, whereas the NSSF is the organization with more expertise in operating gun ranges.

similar to other recreational uses. In particular, for gun ranges, the required parking is generally around 1 ½ parking spaces for each shooting station.

To put that in context, I note that Willow Wood proposed to have 39 shooting stations broken down as follows:

Type	**No. of Shooting Positions**
Four existing trap fields (five shooting positions per trap field)	20
Five Stand Field	5
Sporting Clays Course	14
Total	39

Assuming a ratio of 1.5 was adopted, that would require 58.5 parking spaces, which would be rounded up to 59. Willow Wood currently has 80 parking spaces. During the period that our parking study was conducted, which included time that the sporting clays course was open, we never had more than 36 cars parked in the Club's parking lot at any one time.

Willow Wood is proposing to conduct up to four registered sporting clays competitions per year. Each of those events will be limited to no more than 90 shooters. Willow Wood has presented a plan for special event parking, including valet parking and parking on the grass. I note that almost all of the larger events throughout the country employ such procedures because it does not make economic or, importantly, environmental sense to pave huge parking areas which would only be used for a few days per year. Accordingly it is routine practice for sporting clays clubs to employ valet parking and overflow lots (i.e. parking on the grass) for special events.

In order to implement what Willow Wood is proposing, as an alternate to the proposed text changes set forth in the petition, the Board may want to recommend that the Zoning Ordinance be amended to include definitions of a "Shooting Range" and "Shooting Station". If that is the Board's preference, then the definitions that I suggest

are as follows:

> Shooting Range.
> A public or private facility including a rifle or pistol shooting range, trap fields, skeet fields, five stand field, sporting clays course and/or parcours de chasse designed for the purpose of providing a place for the recreational discharge of firearms.
>
> Shooting Station.
> A specific area within a shooting range designed for the purpose of a person discharging a firearm from that specific location. For example each of the five positions on a trap field, or the five positions on a five stand field or each cage on a sporting clays course, or each shooting lane on a rifle range shall constitute a shooting position.

Using those definitions to be added to the Carmel Zoning Ordinance in section 156-8, then section 156-24(D) could be amended to read as follows:

> Clubs, including country, golf, swim, tennis and other court games, shall be permitted, provided that: ***
>
> D.(1) If the club is not a shooting range, on-site paved parking spaces shall be provided at a ratio of two for each member household, plus one space for each full-time employee.
>
> (2) If the club is a shooting range, on-site parking spaces shall be provided at a ratio of one and one-half (1 ½) parking space for each shooting station, plus one space for each full-time employee. The Planning Board shall determine the reasonable and appropriate number of additional parking spaces, if any, that shall be required for special events to be held at the shooting range taking into consideration all factors affecting the parking needs during such special events and the availability of valet parking plans and appropriate lawn and/or

unpaved areas that may be used as over-flow parking areas during those events.

With the Zoning Ordinance as so amended, the Town would have a reasonable parking requirement and still be in a position to determine and set an appropriate parking plan tailored to specific sites through the site plan process.

The Town Board may want to revise the parking requirements set forth in the Zoning Ordinance to address the problem that the current ordinance creates for other types of Clubs. The Planning Board may therefore want to recommend as an alternative that the parking requirements for Clubs be governed by Zoning Ordinance Section 156-42 and add a category into Section 156-42 for Gun Clubs at 1½ parking spaces for each Shooting Station.

The schedules made a part of Section 156-42 already have a provision setting the parking requirements for "Community buildings, fraternal and social clubs and similar" so the parking issue for Clubs such as the Italian American Club would also be resolved.

Section 156.24(D) could be amended to retain discretion for additional parking for special events as set forth above in the proposal above relating to Clubs . The section would read as follows:

Clubs, including country, golf, swim, tennis and other court games, shall be permitted, provided that: ***

D. On-site parking spaces shall be provided in accordance with the parking requirements set forth in section 156-42 of this Ordinance. Where the layout, activities and other attributes of a specific type of Club render compliance with these parking standards impractical, burdensome or unnecessary, the Planning Board shall determine the appropriate parking standard to be applied to such Club based upon information regarding usage of the Club as provided by the applicant and/or as provided by consultants engaged by the applicant or the Planning Board for this purpose. The Planning Board shall also determine the reasonable and appropriate number of additional parking spaces, if any, that shall be required for

special events to be held at the Club taking into consideration all factors affecting the parking needs during such special events and the availability of valet parking plans and appropriate lawn and/or unpaved areas that may be used as over-flow parking areas during those events.

Along with that amendment, section 156-42(B) would have to be amended to add:

Land Use	**Off-Street Parking Spaces Required**
Gun Clubs	1 ½ for each shooting position

Please let me know if you would like any further clarifications or information about what is being proposed.

We look forward to appearing before your Board at your February 26 meeting.

Yours truly,

GEORGE J. CALCAGNINI

GJC:ll

Cc: Charles V. Martabano, Esq.
P. Daniel Hollis, Esq.
Mr. Pat Cleary
Mr. Rich Williams
Mr. Michael Carnazza

BIBBO ASSOCIATES, L.L.P.
Consulting Engineers

Timothy S. Allen, P.E.
Sabri Barisser, P.E.

February 7, 2020

Town of Carmel Planning Board
60 McAlpin Avenue
Mahopac, NY 10541-2340

Attn: Mr. Craig Paeprer, Chairman

Re: Proposed 14-Lot Subdivision
Yankee Development, Piggott Road
TM # 76.15-1-12

Dear Chairman and Members of the Board:

On behalf of the owners of the above captioned property we are hereby requesting an additional 180-day extension of Preliminary Subdivision Approval. This project was granted a 180 day extension until February 15, 2020. Our client is proceeding with the DEP review process and will ultimately subdivide the property if the residential real estate market continues on its positive trend. A check in the amount of $ 1,000 for the renewal fee will be sent under separate cover.

We respectfully request to be placed on your earliest available agenda. Should you require any additional information, please feel free to contact me.

Very truly yours,

Timothy S. Allen, P.E.

TSA/mme
Enclosure
cc: Angelo Luppino
Michael Sirignano
File

Trombetta,Rose VIP WASH Cube

From: Sergio Santos <ssantos@vipwash.com>
Sent: Thursday, February 13, 2020 9:26 AM
To: Trombetta,Rose

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,
This is email is to notify the Town of Carmel that the construction at address 118 Old Route 6, SBL 55.12-2-5 has been completed. I respectfully request of chairman Craig Paeprer and the board the release of the bond put into escrow in the amount of $134,000.00 . Thank you in advance for your assistance.

Regards,

Sergio Santos
VIP Car Wash of Carmel Inc.
118 Old Route 6
Carmel NY 10512
Cell : 917-731-4758
Email : ssantos@vipwash.com

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REGRADING APPLICATION

SUBMIT 11 APPLICATIONS, 11 SHORT EAF FORMS, 2 DISCLOSURE ADDENDUM STATEMENTS, 5 SITE PLANS & APPROPRIATE FEE.

PROPERTY ADDRESS: 32 OVERLOOK DRIVE **TAX MAP #** 65.18-1-4

DATE SUBMITTED: 01/27/2020 **COMMERCIAL:** ____ **RESIDENTIAL:** X **OTHER:** ____

NAME OF APPLICANT: MARIANO BARONE **TELEPHONE NUMBER:** ____

APPLICANT'S ADDRESS: 32 OVERLOOK DRIVE, MAHOPAC, NY, 10541

APPLICANT'S SIGNATURE: Mariano Barone **EMAIL:** —

NAME OF PRESENT OWNER (IF DIFFERENT FROM APPLICANT: —

ADDRESS — **TELEPHONE NUMBER:** —

PROJECT PROFESSIONAL ENGINEEROF RECORD: JOHN KARELL, JR., P.E.

ADDRESS: 121 CUSHMAN ROAD, PATTERSON NY, 12563 **TELEPHONE NUMBER:** 8457210455

EMAIL: JACK4911@YAHOO.COM **SIZE OF LOT:** 32,401 SF 0.744 AC

DESCRIPTION OF PROPOSED WORK & PURPOSE:

FILLING REAR OF LOT

****

REFER TO ATTACHED TOWN OF CARMEL CODE A FOR FURTHER REGULATIONS AND REQUIREMENTS.

AMOUNT OF FEE PAID:

(UP TO 2 ACRES $300.00)	$ 300.00 - Paid
(FROM 2 TO 5 ACRES - $600.00)	$ ____
(OVER 5 ACRES $900.00 PLUS $40.00/ACRE)	$ ____

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. 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.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action or Project:
Barone Regrading Plan

Project Location (describe, and attach a location map):
32 Overlook Drive, Mahopac, NY, south side of the road

Brief Description of Proposed Action:
Placing of clean fill in the rear yard

Name of Applicant or Sponsor:	Telephone: 203 536 2078
Mariano Barone	E-Mail:

Address:
32 Overlook Drive

City/PO:	State:	Zip Code:
Mahopac	NY	10541

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☑	☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:	☑	☐

3. a. Total acreage of the site of the proposed action? 0.744 acres
   b. Total acreage to be physically disturbed? 0.2 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0.744 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:

5. ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercial ☑ Residential (suburban)
   ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify):
   ☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation services available at or near the site of the proposed action?	☑	☐
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☑	☐

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:	☐	☑

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water: existing drilled well	☑	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment: existing septic system	☑	☐

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☑	☐
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☐	☑

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☑	☐
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☑	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional

☐ Wetland ☐ Urban ☑ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Northern Long-eared Bat	☐	☑
16. Is the project site located in the 100-year flood plan?	☑	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☑	☐
If Yes,		
a. Will storm water discharges flow to adjacent properties?	☑	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☑	☐
If Yes, briefly describe:		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe:	☑	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe:	☑	☐

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

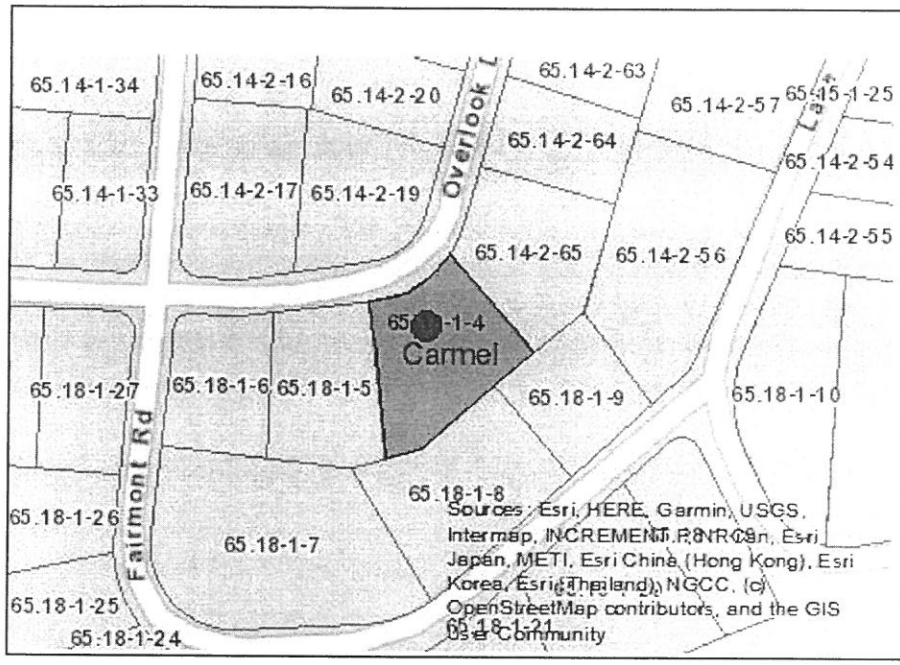
Applicant/sponsor/name: Mariano Barone Date: January 13, 2020

Signature: Mariano Barone Title: owner

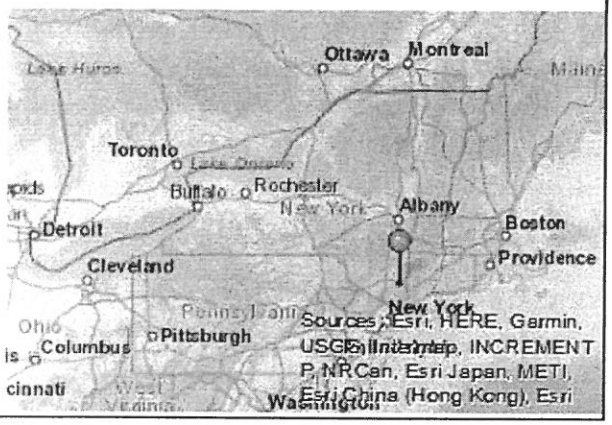
PRINT FORM

EAF Mapper Summary Report

Monday, January 13, 2020 6:35 PM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



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]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Northern Long-eared Bat
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

JOHN KARELL, JR., P.E.
121 CUSHMAN ROAD
PATTERSON, NEW YORK, 12563
845-878-7894 FAX 845 878 4939
jack4911@yahoo.com

STORMWATER POLLUTION PREVENTION PLAN
EROSION AND SEDIMENT CONTROL

MARIANO BARONE
32 OVERLOOK DRIVE
CARMEL (T)

January 16, 2020

I. INTRODUCTION

1.1. Project background

The project site is property located at 32 Overlook Drive in the Town of Carmel, Putnam County, New York. The property is identified as tax map # 65.18-1-4. The property presently contains a single family house with a backyard that has been filled and regraded, served by an existing well and septic system.

Site Description

The site is 0.77 acres in size. This will result in 0.2 acres of total disturbance and no new impervious surfaces.

1.2. SWPPP Overview

The purpose of this report is to address Storm Water Pollution Prevention and Management for the proposed grading and topsoiling.

In accordance with Chapter 103 of the Code of the Town of Carmel entitled Stormwater Management and NYSDEC SPDES General Permit for Storm water Discharges from Construction Activities, General Permit GP-0-1 5-002, because the proposed disturbance for the project exceeds 5,000 square feet, coverage under the General Permit is required, a Notice of Intent (NOI) must be filed and a stormwater pollution prevention plan is required for this project. No SWPPP approval is required by the NYCDEP as the proposed project does not exceed the thresholds for requiring preparation of a SWPPP, nor proposes a regulated impervious surface within the limiting distance of a NYCDEP regulated watercourse or wetland.

Construction will begin immediately after receiving approval from the Town of Carmel Building Department of a SWPPP in accordance with the provisions of the Town Code.

II. EXISTING SITE CONDITIONS

2.0 General

The existing property contains an existing single family house and driveway with a rear yard that has been filled and regraded. The property is located on the southeast side of Overlook Drive in the Lake Casse area..

The topography on the site drains from north to southeast to the outlet of Lake Casse in the NYC Watershed.

2.1 Surface Water

No surface water or wetlands exists on or near this property..

2.2 Soils

2.1.1. Hydrologic Soils/NRCS Web Soils Survey

Soils in the area of disturbance on the property are classified by the United States Department of Agriculture Soil Conservation Service as Paxton Fine Sandy Loam (PnB)(PnC) both hydrologic soil group C from the Web Soil Survey.

The pre developed site consists of a single family house and driveway with lawn a woodlland to the rear area of the fill.

2.1.2. Site Geotechnical Evaluation

The web soil survey indicates a rock and groundwater at depths greater than 8 feet.

2.3. Groundwater

Groundwater is expected to be encountered below a depth of 8 feet.

2.4. Natural Resources

No natural resources are contained on the site.

2.5. New York State Register of Historic Places Assessment

There are no Historic places on this property.

2.6. Critical Habitat

There are no critical habitats on this property.

2.7. Offsite Drainage

No changes in drainage patterns are proposed.

2.8 Pre-construction Drainage Areas

No changes to pre construction runoff patterns will result from the construction of this project.

2.9 Potential sources of pollution

Potential sources of pollution which may be reasonably expected to affect the quality of stormwater discharges.

- Sediment – all disturbed areas will be stabilized by seeding and mulching of all disturbed areas.

III. Stormwater Management, Treatment and Conveyance

A. Storm water treatment is not required.
B. Stormwater conveyance for this project consists of sheet flow onto adjacent lawn areas.

IV. Stormwater Management

Treatment of stormwater is not required.

V. Erosion and Sediment Control

A. Temporary Erosion and Sediment Control Measures

1. Temporary erosion and sediment control measures in the design of this project are silt fence. The driveway will be provided with a stabilized construction entrance. The contractor will be responsible for daily sediment cleanup on the driveway, if any. Silt fence are proposed to be installed along the downslope of all areas of disturbance as shown on the site plan, or as determined to be necessary during construction.

2. Runoff will be controlled within the project area. Bare soil areas, disturbed areas, will be seeded and mulched to control possible erosion and slow the velocity of runoff. Such activities shall be initiated by the end of the next business day and completed within 7 days from the date the current soil disturbance activity ceased.

3. Initial grading shall take place to install the sediment control measures. Soil stockpiles shall be stabilized away from any drainage structures or natural drainage paths. Once final grading has been achieved in any area that area shall be seeded and mulched and not redisturbed again.

4. Soil stockpiles must be protected with seeding and/or mulching as soon as possible but no longer than 7 days after ceasing activity. (see item # 2 above)

5. Measures must be in place prior to disturbance of a particular area in order to prevent sediment from traveling off site. This is accomplished on this site by the proper installation of silt fence.

6. Dust shall be controlled to keep the amount of particles/sediment generation by construction activity to a minimum. This will be accomplished by seeding and mulching of disturbed areas and wetting areas prone to airborne dust.

7. All temporary and permanent sediment and erosion control measures must be checked on a weekly basis for functionality and stability. This includes the silt fencing and the stabilized construction entrance. Any bare spots in areas previously seeded will be reseeded and remulched as soon as necessary. In areas where soil erosion and sedimentation is found to be a problem and measures are not in place, appropriate measures must be installed as required by the supervising engineer.

8. Final grading shall match approximately the cut and fill lines as shown on the plans. This must be accomplished within 7 days of the end of the construction activity unless otherwise specified under the Town or DEC permits. (see item # 2 above)

9. Temporary measures shall not be removed until all disturbed areas protected by such measures are fully and properly stabilized.

10. Permanent non structural measures to remain in place are re-established areas of grass and landscaping within the non impervious areas.

11. Pollution prevention measures that will be utilized to prevent construction debris from becoming a pollutant source include:
…Litter control – refuse containers will be provided on the site for the deposition of any debris. The contractor shall police the site at the end of each day, collect litter and deposit litter in the refuse containers.
…Construction chemicals – all construction chemicals including but not limited to equipment fuels and oils and cleaning solvents shall be stored in appropriate containers and within a locked facility overnight.

Any spills of construction chemicals will be immediately cleaned up in accordance with appropriate procedures.

Any significant spill will be immediately reported to the NYSDEC pursuant to State Regulations, procedures and requirements.
…Construction debris will be collected and placed in roll off containers and disposed off site in at an appropriate disposal facility. (Part III.B.1.j)

B. Permanent Erosion Control Measures

1. Permanent erosion control measures employed in the design of the project include stabilization of all disturbed areas with grass.

VI. Inspection & Maintenance of Stormwater and Erosion Control Measures

A. Inspection and Reporting Requirements

All erosion control measures are to be inspected weekly. In the case of a rain event, measures must be checked immediately after. Inspections shall be made by a qualified professional and reports will be kept on site in a dedicated mailbox labeled, "Stormwater Documents".

B. Responsibilities

The project contractor and/or subcontactors shall be responsible to install, construct, repair, replace, inspect and maintain the temporary erosion and sediment control practices included in the SWPPP. The project contractor/subcontractor shall be responsible for constructing the post construction storm water management practices included in the SWPPP. Such measures will be maintained by the project contractor/subcontractor during the entire construction period.

Permanent measures will be maintained by the owner of the property.
(Part III.A.6) (Part IV)

Developer:

Mariano Barone
32 Overlook Road
Mahopac, NY, 10541

Owner/ Applicant
Same as developer

The *owner or operator* shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor*. The *owner or operator* shall ensure that at least one *trained contractor* is on site on a daily basis when soil disturbance activities are being performed.

The *owner or operator* shall have each of the contractors and subcontractors identified above sign a copy of the following certification statement below before they commence any *construction activity*:

"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 most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for storm water 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

could subject me to criminal, civil and/or administrative proceedings. "

In addition to providing the certification statement above, the certification page must also identify the specific elements of the SWPPP that each contractor and subcontractor will be responsible for and include the name and title of the person providing the signature; the name and title of the *trained contractor* responsible for SWPPP implementation; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification statement is signed.

The *owner or operator* shall attach the certification statement(s) to the copy of the SWPPP that is maintained at the construction site. If new or additional contractors are hired to implement measures identified in the SWPPP after construction has commenced, they must also sign the certification statement and provide the information listed above.

C. Temporary Measures

1. Silt Fence

Silt fence is proposed down gradient from all disturbed areas proposed on the site. Silt fence is used to collect the transported sediment load due to runoff and to slow said runoff, in an effort to prevent erosion. The silt fence is a temporary barrier of geotextile fabric supported by fence posts at a 10 foot maximum interval.

Sediments shall be removed from behind the fence when it becomes 0.5 feet deep at the fence. It should also be inspected regularly, at least once a week and repaired as needed to maintain a barrier.

D. Permanent Measures

1. Permanent vegetation

All grassed areas shall be maintained to provide a vegetative cover to hold soils in place.

VII. General Requirements for Owners or Operators with Permit Coverage

A. The *owner or operator* shall maintain a copy of the General Permit (GP-0-15-002), NOI, *NOI Acknowledgment Letter*, SWPPP, MS4 SWPPP Acceptance form and inspection reports at the construction site until all disturbed areas have achieved *final stabilization* and the NOT has been submitted to the Department.

The documents must be maintained in a secure location, such as a job trailer,

on-site construction office, or mailbox with lock. The secure location must be accessible during normal business hours to an individual performing a compliance inspection. (Part II.B.C.2)

B. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4,* the *owner or operator* shall notify the *MS4* in writing of any planned amendments or modifications to the post-construction stormwater management practice component of the SWPPP required by Part III.A. 4. and 5. of this permit. Unless otherwise notified by the *MS4,* the *owner or operator* shall have the SWPPP amendments or modifications reviewed and accepted by the *MS4* prior to commencing construction of the post-construction stormwater management practice. (Part II.C.5)

C. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4* and meet subdivision 2a. or 2b. of this Part, the *owner or operator* shall also have the MS4 sign the "MS4 Acceptance" statement on the NOT. The *owner or operator* shall have the principal executive officer, ranking elected official, or duly authorized representative from the *regulated, traditional land use control MS4*, sign the "MS4 Acceptance" statement. The MS4 official, by signing this statement, has determined that it is acceptable for the *owner or operator* to submit the NOT in accordance with the requirements of this Part. The MS4 can make this determination by performing a final site inspection themselves or by accepting the *qualified inspector's* final site inspection certification(s) required in Part V.3. (Part V.A.4)

D. In accordance with the requirements of the Town of Carmel Town Code, within 10 days after the installation of all erosion control plan measures, the applicant shall submit to the Building Inspector a letter from the qualified professional who designed the plan stating that all erosion control measures have been constructed and installed in compliance with the approved plans.

E. Various certifications are required to be completed as follows:

1. SWPPP Modification Summary Sheet
2. SWPPP Preparer Certification
3. Contractor and Sub-contractor Certification

These documents are appended to this SWPPP.

VIII. Conclusions

In conclusion, the proposed project shall not result in any negative impact to existing hydrologic condition at the vicinity of the property and proposed storm water management practices conforms to NYSDEC Storm water Management Design Manual and GP-0-15-002. In addition, the design of all storm water management practices meets the requirements of the Town of Carmel.

Mariano Barone
32 Overhill Drive
STORMWATER POLLUTION PREVENTION PLAN
SEQUENCE OF CONSTRUCTION

The following are sequence and methods of grading and filling on property owned by Mariano Barone, 32 Overlook Drive, Carmel (T), Putnam County, New York. Erosion and sediment control measures are incorporated into the construction program. Construction of this project will be in one phase.

Proposed erosion and sediment control methods are found on the Site Plan. The erosion controls are designed in accordance with the State of New York, "Guidelines for Urban Erosion and Sediment Control". The project is expected to start in the Spring of 2020 and continue over a 1 month period.

A. General Construction Notes

1. The site shall be disturbed only when and where necessary. Only the smallest practical area of land shall be exposed at any one time during development. When land is exposed, the exposure shall be kept to the shortest practical period of time by immediate stabilization per the stabilization notes, unless specified otherwise. All disturbed areas that are seeded with appropriate seed mixture and procedure are considered stabilized when 80% of the vegetation is achieved.
2. Where ever feasible, natural vegetation shall be retained and protected.
3. The contractor shall inspect all erosion and sediment control devices during all storm events, prior to weekends and prior to all forecasted storm events.
4. The Contractor shall grade and provide stabilization of newly graded and disturbed areas per item 6 of this sequence.

B. Construction Sequence

1. Install all erosion control measures.
2. Perform site grading
3 Topsoil, seed and mulch all disturbed areas in accordance with the stabilization notes.
4. Remove all temporary erosion control measures. Restore/backfill to final grade and provide stabilization is necessary.
5. Contractor to perform final site clean up and dispose of all debris properly.
6. STABILIZATION NOTES
   A. Grade to finished slopes
   B. Soils shall be scarified.
   C. Topsoil with not less than four inches of suitable topsoil material
   D. Seed as follows:

Spring/Fall Planting:	Kentucky bluegrass	5
	Creeping Red Fescue	15
	Perennial Ryegrass	5
	Annual Ryegrass	5
Temporary Summer Planting		
	Perennial Rye	30

All above units in lbs/ac

0644089821

NOTICE OF INTENT

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

NYR _____ (for DEC use only)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-15-002

All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

-IMPORTANT-

RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
MARIANO

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
BARONE

Owner/Operator Contact Person First Name
MARIANO

Owner/Operator Mailing Address
32 OVERLOOK DRIVE

City
MAHOPAC

State
NY

Zip
10541-

Phone (Owner/Operator)
203-536-2078

Fax (Owner/Operator)

Email (Owner/Operator)

FED TAX ID
-
(not required for individuals)

Project Site Information

Project/Site Name
BARONE REGRADING PLAN

Street Address (NOT P.O. BOX)
32 OVERLOOK DRIVE

Side of Street
○ North ● South ○ East ○ West

City/Town/Village (THAT ISSUES BUILDING PERMIT)
CARMEL

State: NY
Zip: 10512-
County: PUTNAM
DEC Region: 3

Name of Nearest Cross Street
FAIRMONT ROAD

Distance to Nearest Cross Street (Feet)
500

Project In Relation to Cross Street
○ North ○ South ○ East ● West

Tax Map Numbers
Section-Block-Parcel
65.18-1-4

Tax Map Numbers

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you must go to the NYSDEC Stormwater Interactive Map on the DEC website at:

www.dec.ny.gov/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i"(identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting): 607353

Y Coordinates (Northing): 4582180

2. What is the nature of this construction project?

○ New Construction

○ Redevelopment with increase in impervious area

● Redevelopment with no increase in impervious area

3. Select the predominant land use for both pre and post development conditions.
SELECT ONLY ONE CHOICE FOR EACH

Pre-Development Existing Land Use

- ○ FOREST
- ○ PASTURE/OPEN LAND
- ○ CULTIVATED LAND
- ● SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY
- ○ PARKING LOT
- ○ OTHER

Post-Development Future Land Use

- ● SINGLE FAMILY HOME — Number of Lots
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ MUNICIPAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY (water, sewer, gas, etc.)
- ○ PARKING LOT
- ○ CLEARING/GRADING ONLY
- ○ DEMOLITION, NO REDEVELOPMENT
- ○ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
- ○ OTHER

***Note**: for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

Total Site Area	Total Area To Be Disturbed	Existing Impervious Area To Be Disturbed	Future Impervious Area Within Disturbed Area
0.7	0.2	0.	0.

5. Do you plan to disturb more than 5 acres of soil at any one time? ○ **Yes** ● **No**

6. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

A	B	C	D
%	%	100 %	%

7. Is this a phased project? ○ **Yes** ● **No**

8. Enter the planned start and end dates of the disturbance activities.

Start Date	End Date
03/01/2020	04/01/2020

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Name

LAKE CASSE OUTLET

9a. Type of waterbody identified in Question 9?

- ○ Wetland / State Jurisdiction On Site (Answer 9b)
- ○ Wetland / State Jurisdiction Off Site
- ○ Wetland / Federal Jurisdiction On Site (Answer 9b)
- ○ Wetland / Federal Jurisdiction Off Site
- ○ Stream / Creek On Site
- ○ Stream / Creek Off Site
- ○ River On Site
- ○ River Off Site
- ○ Lake On Site
- ● Lake Off Site
- ○ Other Type On Site
- ○ Other Type Off Site

9b. How was the wetland identified?

- ● Regulatory Map
- ○ Delineated by Consultant
- ○ Delineated by Army Corps of Engineers
- ○ Other (identify)

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-15-002? ○ Yes ● No

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-15-002? ● Yes ○ No

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? ● Yes ○ No
If no, skip question 13.

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey? ○ Yes ● No
If Yes, what is the acreage to be disturbed?

.

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area? ○ Yes ● No

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? ○ Yes ● No ○ Unknown

16. What is the name of the municipality/entity that owns the separate storm sewer system?

CARMEL

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ○ Yes ● No ○ Unknown

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ○ Yes ● No

19. Is this property owned by a state authority, state agency, federal government or local government? ○ Yes ● No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ○ Yes ● No

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)? ● Yes ○ No

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)? ○ Yes ● No
If No, skip questions 23 and 27-39.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual? ○ Yes ○ No

0251089825

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ● **Professional Engineer (P.E.)**
- ○ **Soil and Water Conservation District (SWCD)**
- ○ **Registered Landscape Architect (R.L.A)**
- ○ **Certified Professional in Erosion and Sediment Control (CPESC)**
- ○ **Owner/Operator**
- ○ **Other**

SWPPP Preparer

JOHN KARELL JR.

Contact Name (Last, Space, First)

KARELL, JOHN JR.

Mailing Address

121 CUSHMAN ROAD

City

PATTERSON

State Zip

NY 12563-

Phone

845-721-0455

Fax

--

Email

JACK49112@YAHOO.COM

SWPPP Preparer Certification

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-15-002. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

First Name

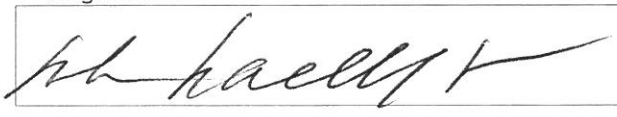
JOHN

MI

Last Name

KARELL, JR.

Signature



Date

01/12/2020

25. Has a construction sequence schedule for the planned management practices been prepared? ● Yes ○ No

26. Select **all** of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural

- ○ Check Dams
- ○ Construction Road Stabilization
- ○ Dust Control
- ○ Earth Dike
- ○ Level Spreader
- ○ Perimeter Dike/Swale
- ○ Pipe Slope Drain
- ○ Portable Sediment Tank
- ○ Rock Dam
- ○ Sediment Basin
- ○ Sediment Traps
- ● Silt Fence
- ○ Stabilized Construction Entrance
- ○ Storm Drain Inlet Protection
- ○ Straw/Hay Bale Dike
- ○ Temporary Access Waterway Crossing
- ○ Temporary Stormdrain Diversion
- ○ Temporary Swale
- ○ Turbidity Curtain
- ○ Water bars

Biotechnical

- ○ Brush Matting
- ○ Wattling

Vegetative Measures

- ○ Brush Matting
- ○ Dune Stabilization
- ○ Grassed Waterway
- ● Mulching
- ○ Protecting Vegetation
- ○ Recreation Area Improvement
- ● Seeding
- ○ Sodding
- ○ Straw/Hay Bale Dike
- ○ Streambank Protection
- ○ Temporary Swale
- ● Topsoiling
- ○ Vegetating Waterways

Permanent Structural

- ○ Debris Basin
- ○ Diversion
- ○ Grade Stabilization Structure
- ○ Land Grading
- ○ Lined Waterway (Rock)
- ○ Paved Channel (Concrete)
- ○ Paved Flume
- ○ Retaining Wall
- ○ Riprap Slope Protection
- ○ Rock Outlet Protection
- ○ Streambank Protection

Other

Post-construction Stormwater Management Practice (SMP) Requirements

Important: Completion of Questions 27-39 is not required if response to Question 22 is No.

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.

- ○ **Preservation of Undisturbed Areas**
- ○ **Preservation of Buffers**
- ○ **Reduction of Clearing and Grading**
- ○ **Locating Development in Less Sensitive Areas**
- ○ **Roadway Reduction**
- ○ **Sidewalk Reduction**
- ○ **Driveway Reduction**
- ○ **Cul-de-sac Reduction**
- ○ **Building Footprint Reduction**
- ○ **Parking Reduction**

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).

- ○ All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).
- ○ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout).

Total WQv Required

			.				**acre-feet**

29. Identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required(#28).

Also, provide in Table 1 the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use Tables 1 and 2 to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

Table 1 - Runoff Reduction (RR) Techniques and Standard Stormwater Management Practices (SMPs)

RR Techniques (Area Reduction)	Total Contributing Area (acres)		Total Contributing Impervious Area (acres)
○ Conservation of Natural Areas (RR-1)	___.___	and/or	___.___
○ Sheetflow to Riparian Buffers/Filters Strips (RR-2)	___.___	and/or	___.___
○ Tree Planting/Tree Pit (RR-3)	___.___	and/or	___.___
○ Disconnection of Rooftop Runoff (RR-4)	___.___	and/or	___.___

RR Techniques (Volume Reduction)	
○ Vegetated Swale (RR-5)	___.___
○ Rain Garden (RR-6)	___.___
○ Stormwater Planter (RR-7)	___.___
○ Rain Barrel/Cistern (RR-8)	___.___
○ Porous Pavement (RR-9)	___.___
○ Green Roof (RR-10)	___.___

Standard SMPs with RRv Capacity	
○ Infiltration Trench (I-1)	___.___
○ Infiltration Basin (I-2)	___.___
○ Dry Well (I-3)	___.___
○ Underground Infiltration System (I-4)	___.___
○ Bioretention (F-5)	___.___
○ Dry Swale (O-1)	___.___

Standard SMPs	
○ Micropool Extended Detention (P-1)	___.___
○ Wet Pond (P-2)	___.___
○ Wet Extended Detention (P-3)	___.___
○ Multiple Pond System (P-4)	___.___
○ Pocket Pond (P-5)	___.___
○ Surface Sand Filter (F-1)	___.___
○ Underground Sand Filter (F-2)	___.___
○ Perimeter Sand Filter (F-3)	___.___
○ Organic Filter (F-4)	___.___
○ Shallow Wetland (W-1)	___.___
○ Extended Detention Wetland (W-2)	___.___
○ Pond/Wetland System (W-3)	___.___
○ Pocket Wetland (W-4)	___.___
○ Wet Swale (O-2)	___.___

Table 2 - Alternative SMPs
(DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)

Alternative SMP	Total Contributing Impervious Area (acres)
○ Hydrodynamic	___.___
○ Wet Vault	___.___
○ Media Filter	___.___
○ Other _____	___.___

Provide the name and manufacturer of the Alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Name _____

Manufacturer _____

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29.

Total RRv provided

___.___ acre-feet

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28).

○ Yes ○ No

If Yes, go to question 36.
If No, go to question 32.

32. Provide the Minimum RRv required based on HSG.
[Minimum RRv Required = (P)(0.95)(Ai)/12, Ai=(S)(Aic)]

Minimum RRv Required

___.___ acre-feet

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?

○ Yes ○ No

If Yes, go to question 33.
Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.
If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. Identify the Standard SMPs in Table 1 and, if applicable, the Alternative SMPs in Table 2 that were used to treat the remaining total WQv(=Total WQv Required in 28 - Total RRv Provided in 30).

Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

Note: Use Tables 1 and 2 to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question 29.

WQv Provided

[ ][ ][ ].[ ][ ][ ] **acre-feet**

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - RRv provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a). [ ][ ][ ].[ ][ ][ ]

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)? ○ **Yes** ○ **No**

If Yes, go to question 36.
If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv) required and provided or select waiver (36a), if applicable.

CPv Required

[ ][ ][ ].[ ][ ][ ] acre-feet

CPv Provided

[ ][ ][ ].[ ][ ][ ] acre-feet

36a. The need to provide channel protection has been waived because:

○ Site discharges directly to tidal waters or a fifth order or larger stream.

○ Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (37a), if applicable.

Total Overbank Flood Control Criteria (Qp)

Pre-Development

[ ][ ][ ].[ ][ ][ ] CFS

Post-development

[ ][ ][ ].[ ][ ][ ] CFS

Total Extreme Flood Control Criteria (Qf)

Pre-Development

[ ][ ][ ].[ ][ ][ ] CFS

Post-development

[ ][ ][ ].[ ][ ][ ] CFS

37a. The need to meet the Qp and Qf criteria has been waived because:

- ○ Site discharges directly to tidal waters or a fifth order or larger stream.
- ○ Downstream analysis reveals that the Qp and Qf controls are not required

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed? ○ **Yes** ○ **No**

If Yes, Identify the entity responsible for the long term Operation and Maintenance

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required(#28). (See question 32a) This space can also be used for other pertinent project information.

40. Identify other DEC permits, existing and new, that are required for this project/facility.

- ○ Air Pollution Control
- ○ Coastal Erosion
- ○ Hazardous Waste
- ○ Long Island Wells
- ○ Mined Land Reclamation
- ○ Solid Waste
- ○ Navigable Waters Protection / Article 15
- ○ Water Quality Certificate
- ○ Dam Safety
- ○ Water Supply
- ○ Freshwater Wetlands/Article 24
- ○ Tidal Wetlands
- ○ Wild, Scenic and Recreational Rivers
- ○ Stream Bed or Bank Protection / Article 15
- ○ Endangered or Threatened Species(Incidental Take Permit)
- ○ Individual SPDES
- ○ SPDES Multi-Sector GP [N Y R]
- ○ Other [ ]
- ● None

41. Does this project require a US Army Corps of Engineers Wetland Permit? ○ Yes ● No
If Yes, Indicate Size of Impact. [.]

42. Is this project subject to the requirements of a regulated, traditional land use control MS4? ● Yes ○ No
(If No, skip question 43)

43. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI? ● Yes ○ No

44. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. [N Y R]

Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

MARIANO

MI

Print Last Name

BARONE

Owner/Operator Signature

Mariano Barone

Date

01 / 12 / 2020

CITY-WIDE TESTING Inc.

DATE: 1/13/2020
CLIENT: PG Enviromental Serv.

SIEVE ANALYSIS

8" Ø SIEVES

SIEVE	SIEVE + SAND	SIEVE WT.	RETAINED WT.	% RETAINED
1"	530.95	530.95	0.00	0.00%
3/4"	618.25	539.27	78.98	4.24%
1/2"	589.19	521.44	67.75	3.64%
3/8"	570.08	516.42	53.66	2.88%
# 4	887.39	718.90	168.49	9.04%
# 8	905.87	720.59	185.28	9.95%
# 16	776.47	591.88	184.59	9.91%
# 30	782.36	567.32	215.04	11.54%
#50	618.37	335.14	283.23	15.20%
# 100	619.59	312.66	306.93	16.48%
#200	548.01	320.57	227.44	12.21%
PAN	595.92	505.25	90.67	4.87%
		INITIAL WEIGHT (g)	1,862.87	
		FINAL WEIGHT (g)	1,861.51	
		F.M.	0.07	

SIEVE	% PASSING	LIMITS (%)
COARSE AGGREGATE		
1"	100.00%	100
3/4"	95.76%	90 - 100
1/2"	92.12%	80 - 90
FINE AGGREGATE		
3/8"	89.24%	70 - 80
# 4	80.20%	50 - 70
# 8	70.25%	35 - 50
# 16	60.34%	29 - 35
# 30	48.80%	18 - 29
#50	33.59%	13 - 23
# 100	17.12%	8 - 16
#200	4.91%	4 - 10
PAN	0.04%	0

NEW YORK CHAIN OF CUSTODY

..., MA 01581
...ilkup Dr.
508-898-9220
X: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 9/12/19

ALPHA Job #: L1941597

Client Information

Client: CT Male Associates
Address: 50 Century Hill Dr.
Latham, NY 12110
Phone: 518-786-7400
Fax:
Email: K.moline@ctmale.com

Project Information

Project Name: CPG 4
Project Location: 8 Cottage Place and 170, 172 + 174 Warburton Ave
Project #: 16.16664
(Use Project name as Project #) ☐
Project Manager: Kirk Moline
ALPHAQuote #: 5151

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

please send results to: r.andujar-mcneil@ctmale.com and s.bieber@ctmale.com
See HOLDS

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #: 16.16664

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TCL PCBs	TCL PESTICIDES	TAL METALS (incl. Hg)	HEX. Cr.			Sample Specific Comments	Total Bottles
L1941597-01	CPG4-FS-031-E8	9/11/19	1007	Soil	DC	X	X	X	X	X	X			10' BSG	6
-02	CPG4-FS-031B-E8		1013		DC	X	X	X	X	X	X			HOLD* 11' BSG	6
-03	CPG4-FS-032-D8		1023		DC		X		X	X	X			10' BSG	3
-04	CPG4-FS-032B-D8		1030		DC		X		X	X	X			HOLD* 11' BSG	3
-05	CPG4-FS-033-E9		1039		DC	X	X	X	X	X	X			8.5' BSG	6
-06	CPG4-FS-033B-E9		1046		DC	X	X	X	X	X	X			HOLD* 9.5' BSG	6

Container Type: V A A A A A
Preservative: F/A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

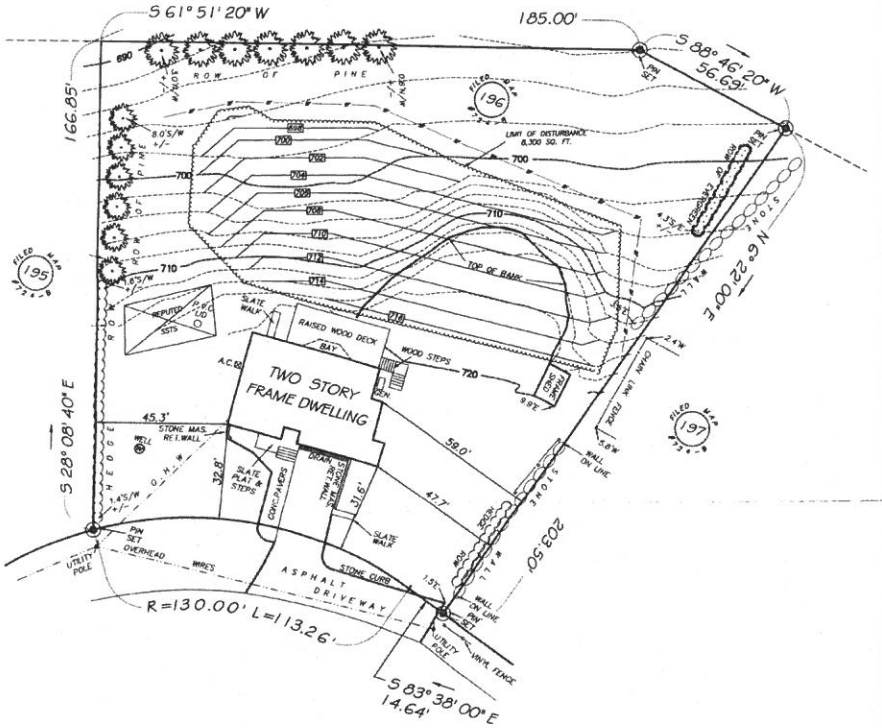
Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

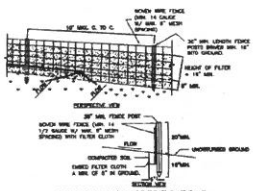
Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	9/11/19 1506		9/11/19 15:06
	9/11/19 17:35		9/11/19 2005
	9/12/19 0205		9/12/19 0205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

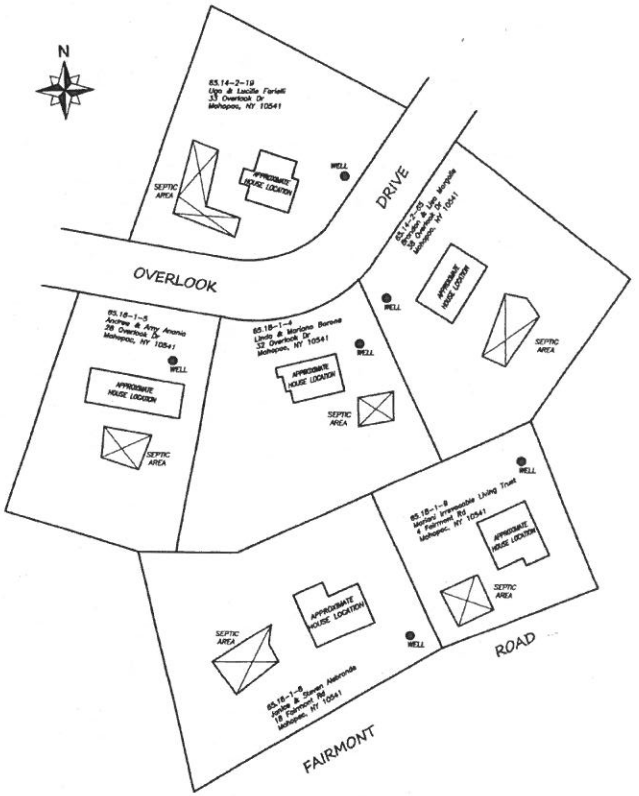




CONSTRUCTION SPECIFICATIONS

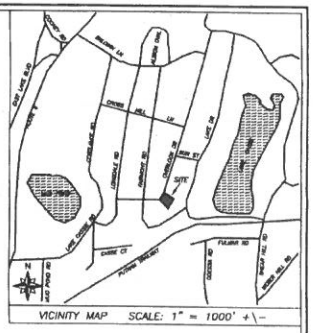
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 7" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. REINFORCED WIRE SHALL BE SECTION, EMBROYDERIC, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE



SCALE:

1" = 50'



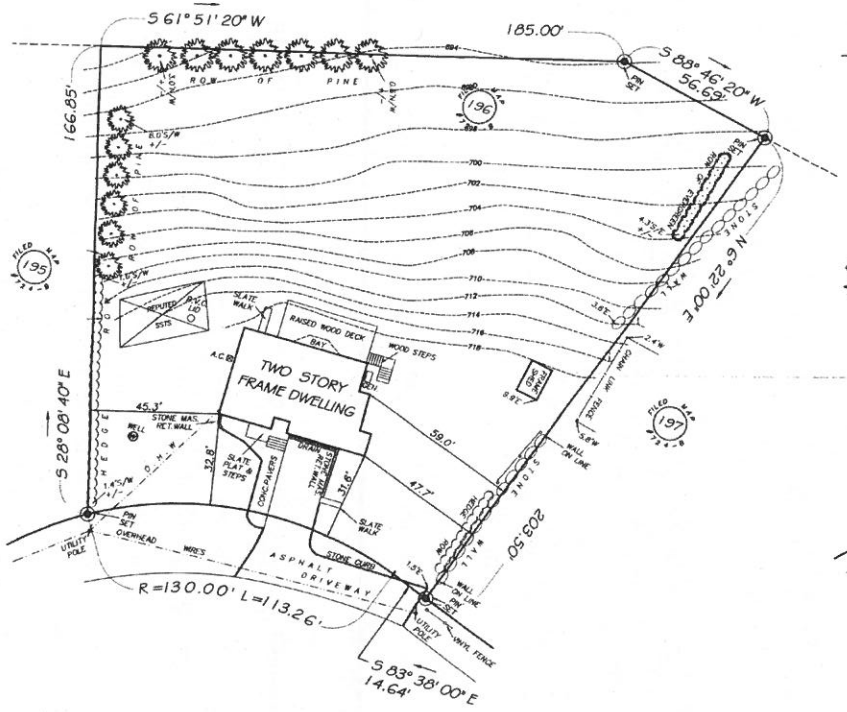
TOPOGRAPHIC SURVEY PREPARED BY LINK LAND SURVEYORS, WITH A LAST REVISION DATE OF NOVEMBER 21, 2019. DATUM IS NAVD 1988.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

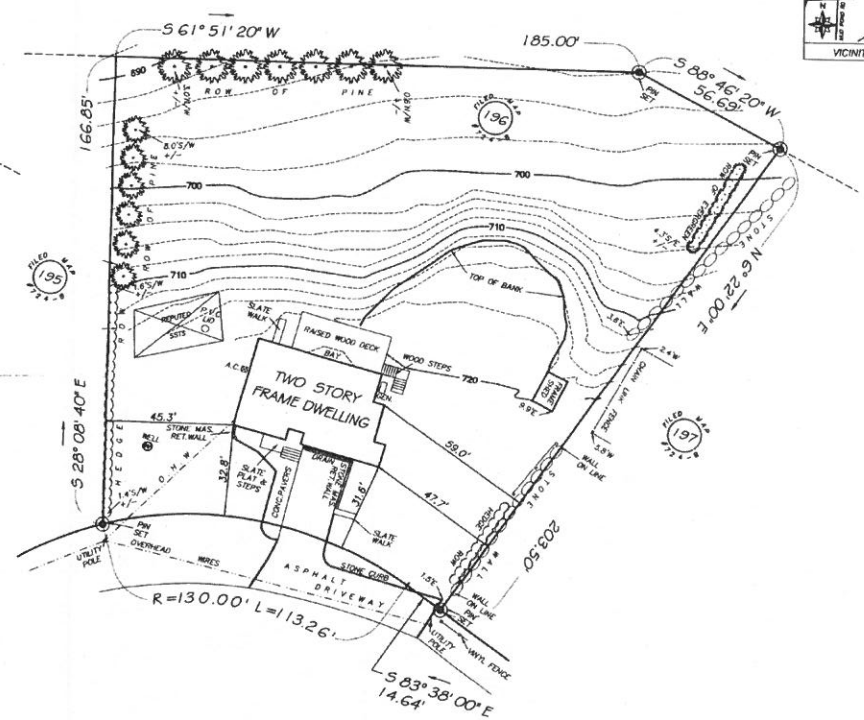
No.	DATE

JOHN KARELL, JR. P.E.
121 CUSHMAN ROAD
PATTERSON, NEW YORK 12563
845-878-7364 phone
845-878-4836 fax

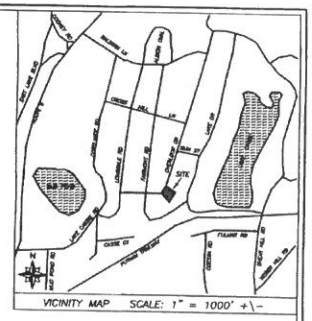
OWNER: MARIANO BARONE 32 OVERLOOK DRIVE CARMEL (T)	SCALE: 1" = 20'	LATEST REVISION:
	DATED: DECEMBER 18, 2019	SHEET No.
GRADING PLAN	TAX MAP: 65.18-1-4	G-1



PROBABLE CONDITIONS PRIOR TO DECEMBER 2019
SCALE: 1" = 20'



EXISTING CONDITIONS DECEMBER 2019
SCALE: 1" = 20'



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No.	DATE

JOHN KARELL, JR. P.E.
121 CUSHMAN ROAD
PATTERSON, NEW YORK 12563

OWNER: MARIANO BARONE 32 OVERLOOK DRIVE CARMEL (T)	SCALE: 1" = 20'	LATEST REVISION:
	DATED: DECEMBER 18, 2019	SHEET No.
EXISTING CONDITION PLAN	TAX MAP: 65.18-1-4	EC-1