

ROBERT LAGA
Chairman

ANTHONY DUSOVIC
Vice-Chair

ROSE TROMBETTA
Secretary

DAVID KLOTZLE
Wetland Inspector

TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD



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

BOARD MEMBERS

Edward Barnett
Marc Pekowsky
Vincent Turano
Nicholas Fannin
John Starace

ENVIRONMENTAL CONSERVATION BOARD AGENDA

MARCH 3, 2016 – 7:30 P.M.

ELIGIBLE FOR A PERMIT

<u>APPLICANT</u>	<u>ADDRESS</u>	<u>TAX MAP #</u>	<u>COMMENTS</u>
1. Frenkel, Robert	43 Tamarack Road	75.8-2-20	Replace & Expand Existing Boathouse

EXTENSION OF WETLAND PERMIT

2. VIP Wash & Lube	118 Old Route 6	55.12-2-5	Amended Site Plan
3. Bailey, Marc	Spring Lane	53.-1-59.33	Construct Single Family Home

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

4. Lobel Fairy Island, LLC.	8 Fairy Lane	75.8-1-53	Construct 16' x 40' Pool with Spa, Retaining Wall, Pool Terrace & Pool Equipment
5. Ross Myles Mahopac, LLC.	604 North Lake Blvd	65.13-1-11	Construct Beach & Fieldstone Wall

MISCELLANEOUS

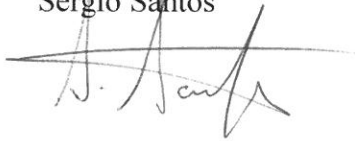
6. Minutes – 02/18/16

VIP Car Wash of Carmel Inc.
114 Old Route 6
Carmel, NY 10512

To Whom It May Concern:

I Sergio Santos, owner of VIP Car Wash of Carmel Inc. would like to respectfully request to be put on the March calendar. My wetlands permit needs to be renewed as it has expired. I thank you for your attention and consideration to this matter.

Sincerely,
Sergio Santos

A handwritten signature in black ink, appearing to read 'Sergio Santos', written over a horizontal line.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
www.dec.ny.gov

December 2, 2015

Valdemiro Santos
4 Patterson Road
Pound Ridge, New York 10576

Re: **VIP Wash and Lube**
DEC Freshwater Wetlands Permit #: 3-3720-00412/00001
Town of Carmel, Putnam County

PERMIT MODIFICATION – PERMIT TERM EXTENSION

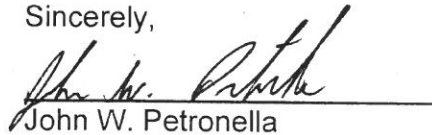
Dear Mr. Santos:

The New York State Department of Environmental Conservation (DEC) has reviewed your request for a modification to the above referenced permit. This request was received by the Department on November 27, 2015. The current permit authorizes the disturbance of approximately 0.15 acre of the regulated 100-foot adjacent area of NYS Freshwater Wetland LC-31, Class II, associated with the demolition of an existing car wash and the construction of a new car wash and oil change facility. The permit expires on 12/31/2015. However, according to the submitted information, the project has not yet commenced, therefore, the work cannot be completed before the expiration of the permit.

In accordance with your request, the above referenced permit is hereby modified to have an **expiration date of December 31, 2018**. Additionally, all tree clearing for this project, as shown within the approved plans, must take place between October 31 and March 31 (of any given year) to avoid impacts to the state-listed species Northern Long-eared bats (*Myotis septentrionalis*). All other terms and conditions remain as written in the original permit issued on June 5, 2012. Please attach this modification to the front of the permit. An updated permit sign is enclosed which must be posted at the work site during the permitted activity.

If you have any questions, please contact Jonathan Stercho at (845) 256-3096.

Sincerely,



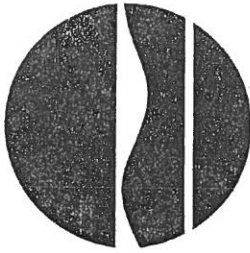
John W. Petronella
Deputy Regional Permit Administrator
Division of Environmental Permits

CC: Jeffrey Contelmo, Insite
Doug Gaugler, R3 DEC
Lisa Masi, R3 DEC

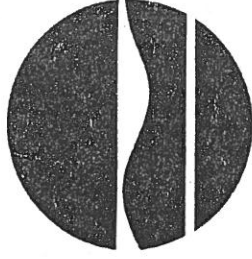


Department of
Environmental
Conservation

New York State
Department of Environmental Conservation



NOTICE



The Department of Environmental Conservation (DEC) has issued permit(s) pursuant to the Environmental Conservation Law for work being conducted at this site. For further information regarding the nature and extent of work approved and any Department conditions on it, contact the DEC at 845/256-3054. Please refer to the permit number shown when contacting the DEC.

Permittee: Valdemiro Santos Permit No. 3-3720-00412/00001

Effective Date: 6/5/2012 Expiration date: 12/31/2018

☐ Applicable if checked. No instream work allowed between October 1 & April 30

NOTE: This notice is **NOT** a permit.

February 29, 2016

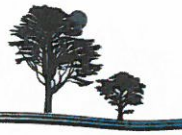
Mr. Robert Laga, Chairman
Town of Carmel Environmental Conservation Board
60 McAlpin Avenue
Mahopac, NY 10541

**Regarding: Wetland Permit – Proposed Pool
8 Fairy Lane, Mahopac
Carmel (T)**

Dear Mr. Laga,

This office has prepared revised plans for the construction of the proposed pool, terrace and stormwater mitigation system at the above referenced address. Plans have been revised to address concerns expressed at the Environmental Conservation Board hearing held on February 18, 2016. Attached please find six (6) copies of a revised site plan and planting plan addressing the comments of the prior meeting. Plans have been revised as follows:

1. *A Construction Sequence has been prepared and is provided on the plan for consideration.*
2. *The stormwater calculations used in the sizing of the rain garden has been provided on the plan.*
3. *A note indicating that pool treatment chemicals are to be stored in storage space in the dwelling has been provided on the plan.*
4. *The sewage disposal system and existing well serving the dwelling are noted to be cordoned off and protected with mesh fencing during construction.*
5. *All trees to be removed have been indicated on the plan.*
6. *The size and material of all drainage piping has been indicated on the plan.*
7. *The earthen berm initially proposed as a protective barrier to the Lake has been removed from the plan and replaced with a double row of silt fence. A site meeting will*

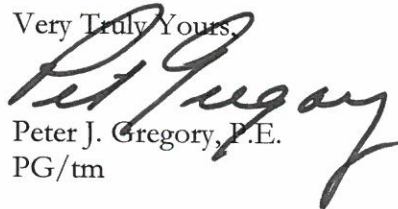


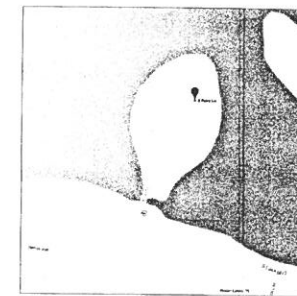
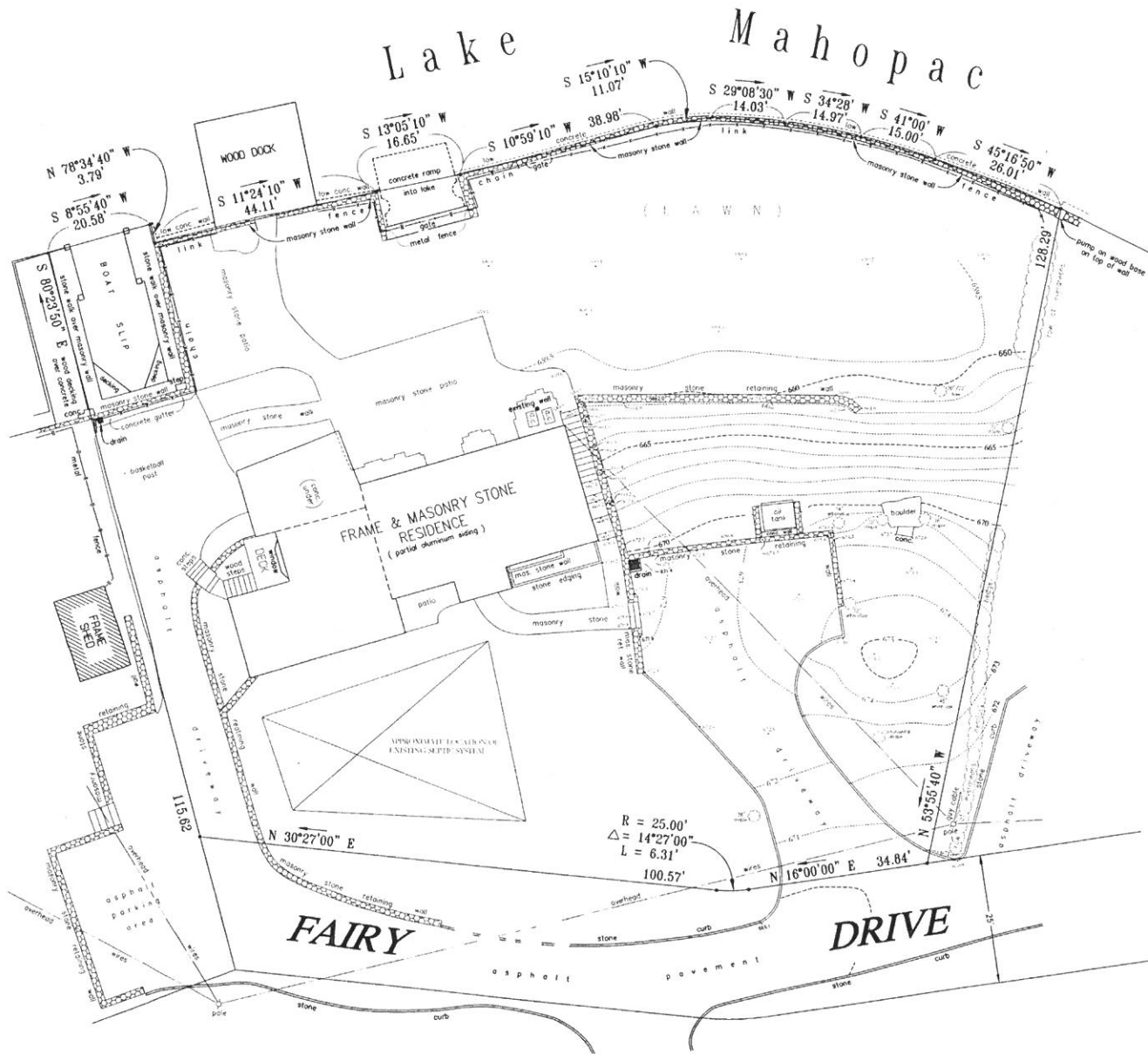
be scheduled with the Town Wetland Inspector to confirm that proposed measures are appropriate for this application.



8. *A note requiring that a spill kit be maintained on site throughout the duration of the project has been provided on the plan and also that the contractor shall supply a spill plan to the Engineer and Building Department prior to the start of construction.*
9. *A note indicating that no fueling shall occur on the site during construction but should small equipment or tools need to be refueled it shall occur out of the regulated area has been added to the plan.*
10. *The plan has been updated to indicate the location of the gunite pumping equipment to be placed in the existing asphalt driveway area.*
11. *A note requiring that the contractor removing the existing oil tank provide documentation that the tank was removed and disposed of properly by qualified individual has been provided on the plan.*

Should you have any questions regarding the above responses or require any additional information please feel free to contact us. The owner respectfully submits the updated information with the request to be placed on the March 3, 2016 ECB agenda.

Very Truly Yours,


Peter J. Gregory, P.E.
PG/tm



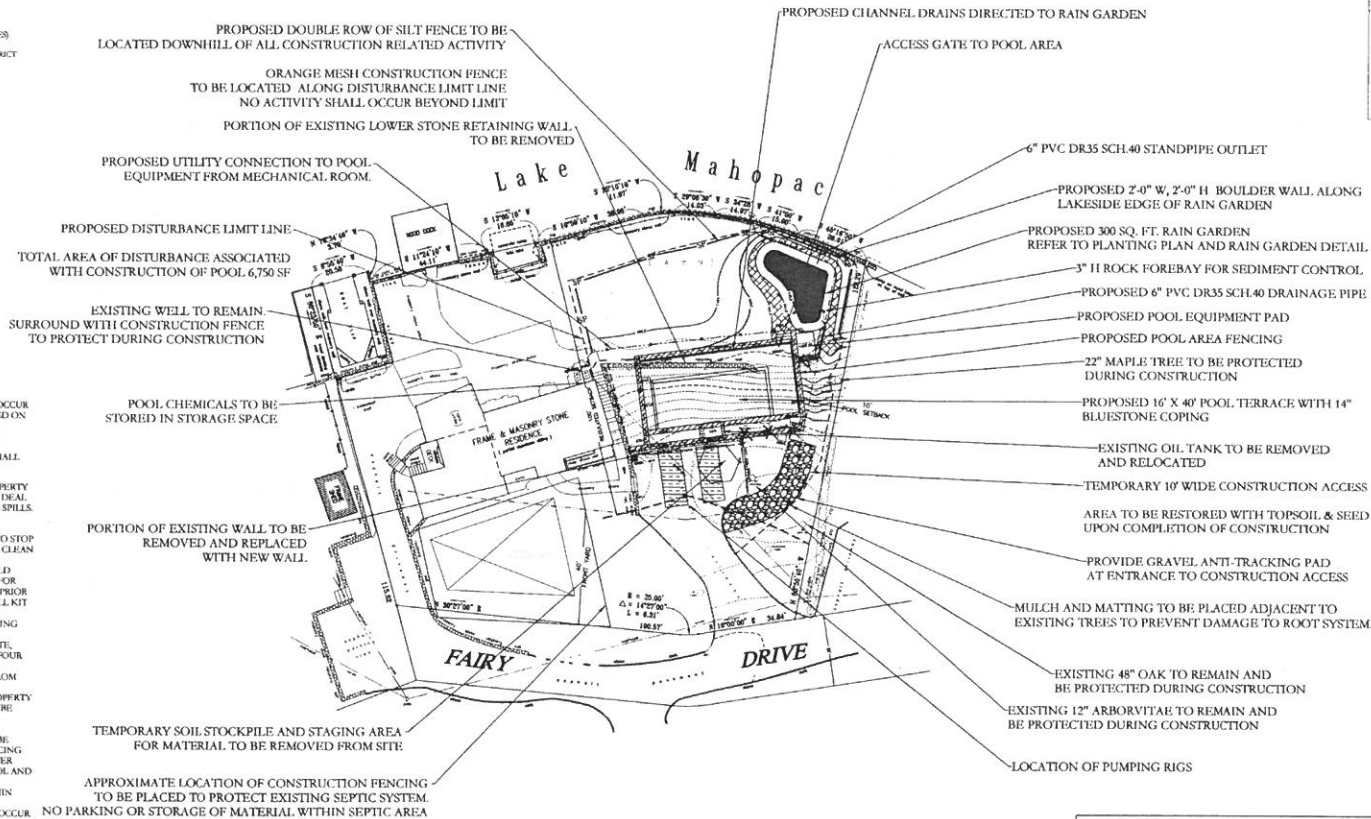
		
PLAN SCALE: 1" = 10'		
REVISIONS		
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
EXISTING CONDITIONS		
LOBEL RESIDENCE POOL & FAIRY LANE TOWN OF CARMEL PUTNAM COUNTY, NEW YORK		
DRAWN BY: MAG		CHECKED BY: PJG
KEANE COPPELMAN GREGORY ENGINEERS, P.C. CIVIL & ENVIRONMENTAL CONSULTANTS 113 SMITH AVENUE, MOUNT KISCO, NEW YORK 10549 T: (914) 241-2233 F: (914) 241-4787 WWW.KCGENGINEERS.COM		
DATE: 12/03/2015	SHEET: 1 OF 3	

PROJECT NOTES

1. OWNER/APPLICANT:
LOREL FAIRY ISLAND, LLC
8 FAIRY LANE
MAHOPAC, NEW YORK 10541
914 357-7869
2. PROJECT SITE ADDRESS:
8 FAIRY LANE
MAHOPAC, NEW YORK 10541
(T) CARMEL
3. TOWN OF CARMEL TAX MAP INFORMATION:
SECTION 70.00 BLOCK 1 LOT 15
4. TOTAL AREA OF PARCEL = 22,544 SF @ 5175 ACRES
TOWN OF CARMEL RESIDENTIAL ZONING DISTRICT
5. WATERSHED BASIN: NEW YORK CITY

1. ALL CONSTRUCTION RELATED ACTIVITY SHALL OCCUR WITHIN THE LIMITS OF DISTURBANCE INDICATED ON THIS PLAN. THE LIMIT LINE SHALL BE CLEARLY DELINEATED IN THE FIELD THROUGHOUT THE CONSTRUCTION PERIOD WITH ORANGE MESH CONSTRUCTION FENCE. NO ENCROACHMENT SHALL OCCUR BEYOND THESE LIMITS BY WORKERS, MACHINERY, OR STORAGE MATERIAL.
2. A SPILL KIT SHALL BE MAINTAINED ON THE PROPERTY THROUGHOUT THE CONSTRUCTION PERIOD TO DEAL QUICKLY AND EFFECTIVELY WITH ACCIDENTAL SPILLS. THE POOL CONTRACTOR SHALL SUPPLY A SPILL CONTROL PLAN TO THE TOWN ENGINEER AND WETLAND INSPECTOR TO INCLUDE MEASURES TO STOP THE SOURCE OF THE SPILL, CONTAIN THE SPILL, CLEAN THE SPILL, AND DISPOSE OF ANY MATERIAL CONTAMINATED BY THE SPILL. THE PLAN SHOULD ALSO IDENTIFY THE PERSONNEL RESPONSIBLE FOR THE PREVENTION AND CONTROL OF THE SPILL PRIOR TO THE START OF ANY CONSTRUCTION. THE SPILL KIT AND SPILL PLAN MUST INCLUDE THE WORK ASSOCIATED WITH THE REMOVAL OF THE EXISTING OIL TANK.
3. PRIOR TO THE APPLICATION OF THE POOL GUNITE, PLASTIC SHEETING SHALL BE SECURED ON ALL FOUR SIDES OF THE APPLICATION TO PREVENT ANY OVERSPRAY FROM THE GUNITE APPLICATION FROM DAMAGING ADJACENT AREA.
4. NO WASHOUT SHALL BE PERMITTED ON THE PROPERTY OR ON FAIRY LANE. WE MIX "SHOT CRETE" WILL BE DELIVERED TO THE SITE FOR APPLICATION. NO MIXING SHALL OCCUR ON THE PROPERTY.
5. PUMPING RIG FOR GUNITE APPLICATION SHALL BE LOCATED ON EXISTING ASPHALT DRIVEWAY FACING FORWARD WITH PUMPING BOOM EXTENDED OVER PROPOSED POOL LOCATION FOR ACCESS TO POOL AND WALLS.
6. NO FUELING OF MACHINERY SHALL OCCUR WITHIN REGULATED AREA. IN THE EVENT THAT SMALL EQUIPMENT NEEDS TO BE REFUELED, IT SHALL OCCUR ON EXISTING ASPHALT DRIVEWAY WITH NECESSARY PRECAUTIONS AS REQUIRED BY THE SPILL PLAN.
7. THE EXISTING SEWAGE DISPOSAL SYSTEM SHALL BE CORDED OFF WITH ORANGE MESH CONSTRUCTION FENCE. NO PARKING OF VEHICLES, TRAFFIC, OR STORAGE OF MATERIAL SHALL OCCUR WITHIN THE DESIGNATED AREA.
8. THE STAGING OF EQUIPMENT AND STORAGE OF ALL CONSTRUCTION MATERIAL SHALL OCCUR WITHIN THE DESIGNATED STAGING AREA, OUTSIDE OF REGULATED AREA.
9. FOR THE REMOVAL OF THE EXISTING OIL TANK, A MANIFEST SHALL BE SUBMITTED AND SIGNED BY THE OWNER INDICATING THE PROPER REMOVAL OF ANY FUEL OIL IN THE TANK, PROPER DISPOSAL OF THE TANK, RESIDUAL REMAINS IN THE TANK WERE PROPERLY DISPOSED AND THAT ALL FUEL AND RETURN LINES WERE PROPERLY REMOVED WITHIN THE REGULATED AREA.
10. THE OWNER ACKNOWLEDGES THAT THE TOWN OF CARMEL AND OTHER AGENCIES HAVING JURISDICTION SHALL HAVE THE RIGHT TO ENTER THE PROPERTY AT REASONABLE TIMES AND IN A REASONABLE MANNER FOR PURPOSES OF INSPECTION IN CONSIDERATION OF THE ENVIRONMENTAL AREA.

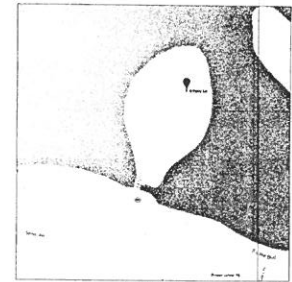
"UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7205 (2) OF THE NEW YORK STATE EDUCATION LAW"



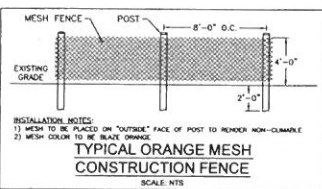
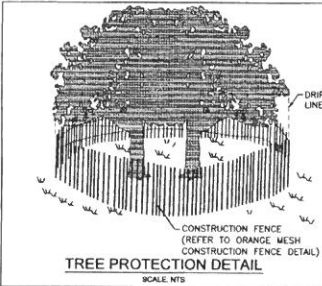
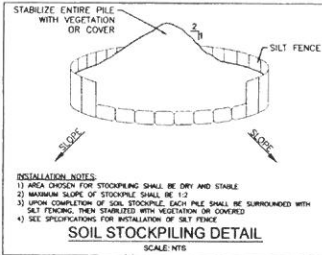
TOTAL AREA OF DISTURBANCE WITHIN TOWN REGULATED WETLAND BUFFER - 6,670 SF
SOIL TYPES WITHIN PROJECT AREA:
C&c - CHARLTON-CHATFIELD, COMPLEX, ROLLING, VERY ROCKY

LEGEND:

X DENOTES TREE TO BE REMOVED



PLAN SCALE: 1" = 30'			
REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	1/4/16	PIG	DRAINAGE
2	2/25/16	JRM	ECR COMMENTS FROM MEETING 2/11/16
3			
4			
5			
<p>SITE PLAN</p> <p>LOREL RESIDENCE POOL 8 FAIRY LANE TOWN OF CARMEL PUTNAM COUNTY, NEW YORK</p>			
DRAWN BY: MAG		CHECKED BY: PIG	
<p>KEANE COPPELMAN GREGORY ENGINEERS, P.C. CIVIL & ENVIRONMENTAL CONSULTANTS</p> <p>113 SMITH AVENUE, MOUNT KISCO, NEW YORK 10549 T: (914) 241-2235 F: (914) 241-6787 WWW.KCGENGINEERS.COM</p>			
DATE: 12/01/2015		SHEET: 2 OF 3	



INSTALLATION NOTES:

- 1) MESH TO BE PLACED ON "OUTSIDE" FACE OF POST TO RENDER NON-CUMULATIVE
- 2) MESH COLOR

BEFORE THE START OF CONSTRUCTION:

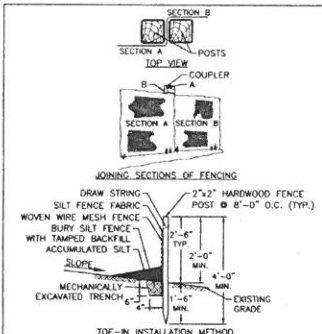
1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING ON SITE WITH THE WETLAND INSPECTOR, TOWN ENGINEER, AND BUILDING INSPECTOR TO DISCUSS THE LIMIT OF DISTURBANCE, THE CONSTRUCTION SEQUENCE AND SCHEDULE.

CONSTRUCTION SEQUENCE

1. INSTALL SILT FENCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY THAT COULD RESULT IN DISTURBANCE OF SOIL. IN ADDITION, SILT FENCE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF CONSTRUCTION AREA.
2. CONTRACTOR SHALL PREPARE CONSTRUCTION ENTRANCE AND INSTALL GRAVEL AND/OR TRACKING PAD AT ENTRANCE PRIOR TO CLEARING ACTIVITY. CLEARINGS TO BE PLACED WITHIN EXISTING DRIVEWAY FOR LOADINGS OF STUMPS AND DEBRIS TO BE REMOVED. INSTALL A WOOD CHIP BERM AT LOW END OF DRIVEWAY FOR ANY IN-RIDE BURNING.
3. TREES SLATED FOR REMOVAL SHALL BE CLEARED AND STUMPED WITHIN LIMITS OF DISTURBANCE RELATING TO THE PROPOSED PROJECT. NO STUMPS SHALL BE BURIED ON SITE. ALL STUMPS SHALL BE CAPPED OFF SITE. BRUSH AND SMALL TREES ARE TO BE CHIPPED AND DISTRIBUTED ON SITE AS DESIGN CONTROLS AND/OR STOODPILE FOR FUTURE USE.
4. INSTALL REMAINING SEGMENT CONTROL MEASURES AS INDICATED ON THE SITE PLAN.
5. CONTRACTOR SHALL BEGIN SITE WORK INCLUDING CUTTING OF SLOPE, EXCAVATION FOR POOL, SHELTER, INSTALLATION OF RETAINING WALLS, POOL EQUIPMENT PAD, AND ROUGH GRADING.
6. DRAIN PIPES TO BE INSTALLED PRIOR TO POOL TERRACE.
7. INSTALL RAIN GARDEN BY EXCAVATING AND FILLING IN WITH SPECIFIED MATERIAL, MAINTAIN DIMENSIONS AS INDICATED ON THE SITE PLAN SHEET 2 OF 3, AND DEPTHS AS INDICATED ON SHEET 3 OF 3.
8. FINAL GRADE THE REAR AND SIDE YARD ADJACENT TO THE POOL.
9. INSTALL LANDSCAPING, REFER TO LANDSCAPE ARCHITECT'S PLANTING PLAN.
10. TOPSOIL, SEED, SOO OR HYDROSEED, AND MARCH ALL DISTURBED AREAS.
11. REMOVE AND RESTORE CONSTRUCTION ENTRANCE.
12. REMOVE EROSION CONTROLS ONLY AFTER ALL AREAS HAVE BEEN THOROUGHLY STABILIZED.

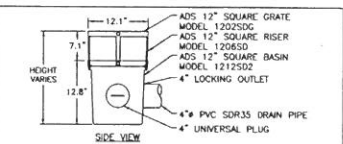
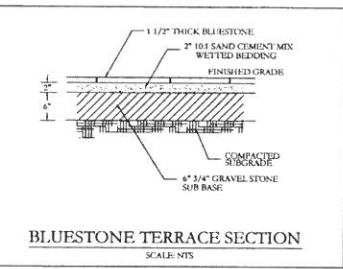
POOL & DRAINAGE WATER NOTES:

1. POOL WILL UTILIZE A SALT CHLORINE GENERATOR DISINFECTION SYSTEM.
2. POOL WILL CONSIST OF A SELF-CONTAINED LOOPED CARTRIDGE FILTRATION SYSTEM AND WILL NOT REQUIRE ANY BACKWASHING.
3. POOL SHALL NOT BE TREATED FOR TEN DAYS PRIOR TO WINTER DRAINDOWN.
4. WINTER DRAINDOWN WILL REQUIRE LOWERING WATER LEVEL 18 INCHES TO EXPOSE TILE BAND AND ALLOW FOR DRAINING OF CIRCULATION LINES.
5. UNTREATED WATER WILL BE DIRECTED TO THE STORMWATER PRACTICE.
6. POOL IS EQUIPPED WITH AN AUTOMATIC POOL COVER WHICH WILL CLOSE THE POOL FOR THE WINTER.

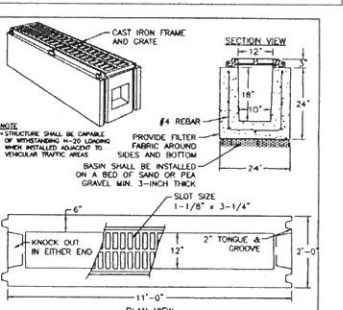


- SILT FENCE SPECIFICATIONS:**
- 1) USE ARMO FABRICS SILT SCREEN OR EQUAL, SUBJECT TO APPROVAL BY ENGINEER
 - 2) THE STANDING SILT FENCE CONFIGURATION IS RECOMMENDED FOR MOST APPLICATIONS IN WESTCHESTER COUNTY. EXTRA STRENGTH SYNTHETIC FILTER FABRIC, OR ENHANCED STRENGTH FILTER FABRIC, WHICH HAVE WIDE MESH FENCE SUPPORT MAY BE USED. SILT FENCES SHOULD BE USED ONLY WHERE SHEET OR DRAINAGE FLOW ARE EXISTENT
 - 3) THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36-INCHES (HIGHER FENCES MAY IMPROVE VOLUMES OF WATER SUPPORT TO CAUSE FAILURE)
 - 4) CONTINUOUS LENGTHS OF FILTER FABRIC SHOULD BE USED TO MINIMIZE THE NUMBER OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHALL BE SPLICED TOGETHER AT A SUPPORT POST ONLY, WITH A MINIMUM 8-INCH OVERLAP AND SEALED SECURELY
 - 5) POSTS SHALL BE INSTALLED NO LESS THAN 8-Feet APART, AND DRIVEN TO A MINIMUM DEPTH OF 18-INCHES. POSTS MAY BE LOCATED 10-Feet APART IF THE FILTER FABRIC IS SUPPORTED BY WOODEN WIPES
 - 6) WOODEN WIPES MUST BE USED. WIPES SHOULD BE SECURED TO THE POSTS WITH HEAVY DUTY 1-INCH WIRE STAPLES, 12 INCHES OR LONGER. THE WIRE SHALL STAPLE INTO THE TRENCH A MINIMUM OF 3-INCHES
 - 7) FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE POSTS. STAPLES SHALL BE PLACED A MINIMUM OF 3-INCHES APART
 - 8) FILTER FABRIC SHALL EXTEND INTO AND COVER THE BOTTOM OF THE 8-INCH DEEP BY 4-INCH WIDE MECHANICALLY EXCAVATED TRENCH. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC
 - 9) WHEN SILT FENCE LENGTH EXCEEDS ONE-HUNDRED FEET, EACH 100-FOOT SECTION SHOULD TERMINATE IN AN END SEGMENT THAT CARRIES UP SLOPE TO INTERCEPT CONCENTRATED RUNOFF. THE "HOOK" SHOULD JOIN AT THE LINEAR PORTION OF THE NEXT SILT FENCE SEGMENT. THIS DESIGN MAINTAINS SEDIMENT CAPTURE AND PREVENTS THE ACCUMULATION OF RUNOFF ALONG THE UP SLOPE SIDE OF THE SILT FENCE
 - 10) SILT FENCES SHALL BE MAINTAINED UNTIL ALL UP SLOPE AREAS OF SOIL DISTURBANCE HAVE BEEN THOROUGHLY AND PERMANENTLY STABILIZED
 - 11) PRIOR TO THE COMMENCEMENT OF ANY SOIL DISTURBANCE ACTIVITIES, ALL SILT FENCING DOWN SLOPE OF DISTURBANCE AREAS SHALL BE IN PLACE AS INDICATED ON THE PLANS

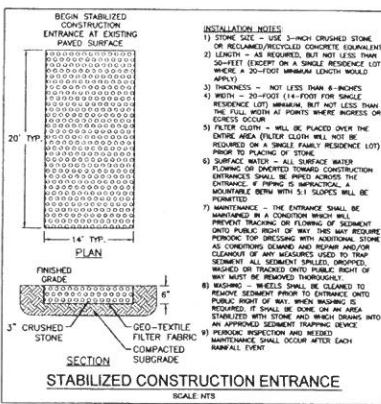
- MAINTENANCE:**
- 1) SILT FENCES SHALL BE INSPECTED WITHIN 12 HOURS AFTER EACH SIGNIFICANT RAINFALL EVENT (GREATER THAN 0.5-INCH OF RAINFALL) AND AT LEAST DAILY DURING PROLONGED RAINFALL. INSPECTION OF SILT FENCE FOR PHYSICAL DAMAGE (WHICH MAY RESULT FROM CONSTRUCTION ACTIVITIES, FALLING BRANCHES, ANIMAL ACTIVITY, VANDALISM, ETC.) SHALL BE MADE WEEKLY. IF FILTER FABRIC SHOWS SIGNS OF DECOMPOSITION DUE TO AGE OR IS DAMAGED, REPAIR AND/OR REPLACEMENT SHALL BE MADE WITHIN 12 HOURS
 - 2) SEDIMENT DISPOSITION SHALL BE RECORDED AFTER EACH SIGNIFICANT RAINFALL EVENT OR WHENEVER THE DEPOSITS EXCEED 1/2 THE HEIGHT OF THE ABOVE GRADE PORTION OF THE SILT FENCE
 - 3) ALL SEDIMENT DISPOSITION REMAINING AFTER REMOVAL OF THE SILT FENCE SHALL BE IMMEDIATELY GRADDED AND SEEDS/CONTAMINATED SEDIMENT DEPOSITS SHALL BE DISPOSSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS



- INSTALLATION NOTES:**
1. BASIN TO BE FINALLY BEDDED ON A 6" THICK LAYER OF CRUSHED STONE OR PEA GRAVEL
 2. PROVIDE RISERS (AS NECESSARY)
 3. REFER TO PLAN FOR SIZE AND INSETS OF PIPING
 4. GRADE OR LID MUST BE INSTALLED PRIOR TO BACKFILLING



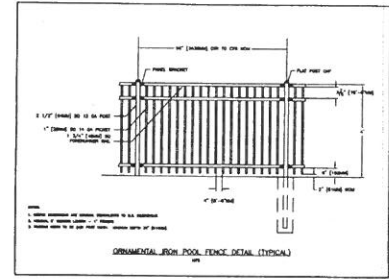
- INSTALLATION NOTES:**
- 1) ALL STRUCTURES MUST BE WEATHERPROOF, STRUCTURAL SOUND, DURABLE AND NOT SUBJECT TO CORROSION, RECAST, PROST GRATE OR CRACKING
 - 2) PRECAST CONCRETE STRUCTURES SHALL BE INSTALLED LEVEL AND FINALLY BEDDED ON SAND OR PEA GRAVELS MINIMUM 3-INCH THICK



- INSTALLATION NOTES:**
- 1) STONE SIZE - USE 3-INCH CRUSHED STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT
 - 2) LENGTH - AS REQUIRED, BUT NOT LESS THAN 50-Feet (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30-Feet MINIMUM LENGTH WOULD APPLY)
 - 3) THICKNESS - NOT LESS THAN 8-INCHES
 - 4) WIDTH - 20-Feet (14-Feet FOR SINGLE RESIDENCE LOT), MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR
 - 5) FILTER CLOTH - WILL BE PLACED UNDER THE ENTIRE AREA (FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT) PRIOR TO PLACING OF STONE
 - 6) SURFACE WATER - ALL SURFACE WATER FLOWING OR DRIFTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PROVIDED
 - 7) MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED THOROUGHLY
 - 8) WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTION AND MAINTENANCE SHALL OCCUR AFTER EACH RAINFALL EVENT



- RAIN GARDEN - WATER QUALITY VOLUME (WQV) CALCULATIONS:**
- $WQV = 1 \text{ YEAR } 24 \text{ HOUR DESIGN STORM} \times 1.9 \text{ INCHES}$
- $1 = \text{PERCENTAGE OF IMPERVIOUS AREA DRAINING TO SITE: } (1.825/6.750) \times 100 = 27.04\%$
- $WQV = 0.02 \times 0.000222(24) \times 0.29 = 0.000444 \text{ CU. FEET}$
- $WQV \text{ REQUIRED} = (0.000444/12) \times (1.5 \times 24 \times 155 \text{ ACRES})/12 = 0.006 \text{ ACRES-Feet} = 247.5 \text{ CU. FEET}$
- $WQV = \text{AREA OF RAIN GARDEN} \times \text{SOIL DEPTH} \times \text{POROSITY OF SOIL MEDIA} \times 6.2$
- $WQV = \text{VOLUME OF SOIL MEDIA} \times (1.0000 \times 0.2) = 60 \text{ CU. FEET}$
- $WQV = \text{DEPTH OF DRAINAGE LAYER} \times 0.5 \text{ FEET}$
- $WQV = \text{POROSITY OF DRAINAGE LAYER} \times 0.4$
- $WQV = \text{VOLUME OF DRAINAGE LAYER} \times (3000 \times 0.5) \times 0.4 = 60 \text{ CU. FEET}$
- $WQV = \text{POUNDING DEPTH} \times 0.5 \text{ FEET}$
- $WQV \text{ OF RAIN GARDEN} = WQV + WQV + (WQV + WQV) = 60 + 60 + (60 + 60) = 240 \text{ CU. FEET}$
- $247.5 \text{ CU. FEET} < 240 \text{ CU. FEET}$
- REQUIRED < AVAILABLE



REVISIONS				
NO.	DATE	BY	DESCRIPTION	
1				
2				
3				
4				
5				

CONSTRUCTION DETAILS

LOBEL RESIDENCE POOL
8 FAIRY LANE
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

DRAWN BY: MAG CHECKED BY: PG

KEANE COPPELMAN GREGORY
ENGINEERS, P.C.
CIVIL & ENVIRONMENTAL CONSULTANTS
113 SMITH AVENUE, MOUNT KISCO, NEW YORK 10940
T: (914) 241-2235 F: (914) 241-6787
WWW.KEANGREGORY.COM

DATE: 12/30/2015 SHEET: 3 OF 3

ROBERT LAGA
Chairman

ANTHONY DUSOVIC
Vice Chair

ROSE TROMBETTA
Secretary

DAVID KLOTZLE
Wetland Inspector

TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD



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

BOARD MEMBERS

Edward Barnett
Marc Pekowsky
Vincent Turano
Nicholas Fannin
John Starace

APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: ROSS MYLES MAHOPAC, LLC
609-2 CONTAGUE ROCK ROAD
Address of Applicant: WESTBURY, NY, 11590 Email: _____
Telephone# 609 231 1111 Name and Address of Owner if different from Applicant: N/A

Property Address: 604 NORTH LAKE BLVD Tax Map # 65.13 -1- 11
Agency Submitting Application if Applicable: _____
Location of Wetland: ADJACENT TO, NORTH OF LAKE MAHOPAC
Size of Work Section & Specific Location: REAR OF HOUSE
Will Project Utilize State Owned Lands? If Yes, Specify: NO

Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc). A brief description of the regulated activity (attach supporting details).

CONSTRUCT A BEACH AREA ON THE SHORE OF LAKE MAHOPAC, EXCAVATING
APPROX. 600 CUBIC YARDS OF MATERIAL AND CONSTRUCTION OF A FIELDSTONE WALL

Proposed Start Date: 5/1/16 Anticipated Completion Date: 6/1/16 Fee Paid \$ 1000 + \$1000 ESCROW

CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described here-in and agrees to indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.

Ross Myles
SIGNATURE

2/15/16
DATE

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: ROSS MYLES MAHOPAC, LLC							
Project Location (describe, and attach a location map): 604 NORTH LAKE BLVD, MAHOPAC, NY, 10541							
Brief Description of Proposed Action: CONSTRUCTION OF A SANDY BEACH ON THIS PROPERTY ALONG LAKE MAHOPAC							
Name of Applicant or Sponsor: ROSS MYLES MAHOPAC, LLC		Telephone: 845 416-1089					
		E-Mail:					
Address: 609-2 CONTIAGUE ROCK ROAD							
City/PO: WESTBURY		State: NY	Zip Code: 11590				
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.			<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">NO</td> <td style="width: 50%;">YES</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:			<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">NO</td> <td style="width: 50%;">YES</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
3.a. Total acreage of the site of the proposed action? 1.5 acres b. Total acreage to be physically disturbed? 0.18 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 1.5 acres							
4. Check all land uses that occur on, adjoining and near the proposed action. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Parkland							

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
b. Are public transportation service(s) available at or near the site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
b. Is the proposed action located in an archeological sensitive area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
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: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban			
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?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
16. Is the project site located in the 100 year flood plain?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
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? <input type="checkbox"/> NO <input type="checkbox"/> YES	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____	<input type="checkbox"/> NO <input type="checkbox"/> YES		

18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: _____	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: _____	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE		
Applicant/sponsor name: ROSS MYLES MAHOPAC, LLC		Date: FEBRUARY 23, 2016
Signature: <u>Ross Myles</u>		

Project:

Date:

Short Environmental Assessment Form
Part 2 - Impact Assessment

Part 2 is to be completed by the Lead Agency.

Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing:	<input type="checkbox"/>	<input type="checkbox"/>
a. public / private water supplies?	<input type="checkbox"/>	<input type="checkbox"/>
b. public / private wastewater treatment utilities?	<input type="checkbox"/>	<input type="checkbox"/>
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action create a hazard to environmental resources or human health?	<input type="checkbox"/>	<input type="checkbox"/>

Project:

Date:

Short Environmental Assessment Form Part 3 Determination of Significance

For every question in Part 2 that was answered "moderate to large impact may occur", or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

<input type="checkbox"/>	Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.
<input type="checkbox"/>	Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.
<hr/> <div style="display: flex; justify-content: space-between;"> Name of Lead Agency Date </div>	
<hr/> <div style="display: flex; justify-content: space-between;"> Print or Type Name of Responsible Officer in Lead Agency Title of Responsible Officer </div>	
<hr/> <div style="display: flex; justify-content: space-between;"> Signature of Responsible Officer in Lead Agency Signature of Preparer (if different from Responsible Officer) </div>	

PRINT FORM

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
BEACH CONSTRUCTION

ROSS MYLES MAHOPAC, LLC
604 NORTH LAKE BOULEVARD
TM # 65.13-1-11
CARMEL (T)

February 19, 2016



**ROSS MYLES MAHOPAC, LLC
STORMWATER POLLUTION PREVENTION PLAN
SEQUENCE OF CONSTRUCTION**

The following are sequence and methods of construction for the construction of a sandy beach on property owned by Ross Myles, 604 North Lake Boulevard, Mahopac hamlet in the Town of Carmel, 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 2016 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 8 of this sequence.

B. Construction Sequence

1. Install all erosion control measures.
2. Strip and stockpile topsoil
3. Perform site grading for the beach.
4. Construct the fieldstone retaining walls
5. Topsoil, seed and mulch all disturbed areas in accordance with the stabilization notes.
6. Remove all temporary erosion control measures. Restore/backfill to final grade and provide stabilization is necessary.
7. Contractor to perform final site clean up and dispose of all debris properly.

8. 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: Tall fescue	100
Kobe Gespedza	10
Bahi Grass	25
Rye Grass	40

Temporary Summer Planting	
German Millet	40

All above units in lbs/sc

I. INTRODUCTION

1.1. Project background

The project site is located on North Lake Boulevard in the Town of Carmel, Putnam County, New York. The property is identified as tax map # 65.13-1-11.

Site Description

The site is 1.50 acres in size. Presently the house and pool construction is ongoing. It is proposed at this time to construct a sandy beach area on the shore of Lake Mahopac to include a 50 foot by 10 foot wood dock. The proposed beach construction will result in an increase in impervious area of 450 square feet, fieldstone retaining wall and 7,979 square feet (0.18 acres) of total disturbance.

1.2. SWPPP Overview

It is proposed to construct a sandy beach area 20 feet wide by 50 feet long along the shore of Lake Mahopac. The purpose of this report is to address Storm Water Pollution Prevention and Management for the proposed improvements.

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 a three story stone structure containing 8 bedrooms. It is lot # C of the subdivision entitled, "Siemund Marine", FM # 882B, filed November 16, 1966. The lot is located on the south side of North Lake Boulevard, with frontage on Lake Mahopac.

Generally the topography on the site flows from north to south draining to Lake Mahopac at the rear and North Lake Boulevard in the front. The subject property is located in the Amawalk Reservoir Watershed.

2.1 Surface Water

The property fronts on Lake Mahopac. The high water level of the lake elevation 657 is considered the wetland boundary. 7,979 square feet of disturbance is proposed within 100 feet of this elevation.

2.2 Soils

2.1.1. Hydrologic Soils/NRCS Web Soils Survey

Soils on the entire property are classified by the United States Department of Agriculture Soil Conservation Service as Paxton fine sandy loam, PnB, Hydrologic soil group B from the Web Soil Survey.

The pre developed site is considered single family residential.

2.1.2. Site Geotechnical Evaluation

The deep test holes indicated a rock and groundwater at depths greater than 7 feet. Soil percolation tests indicated a percolation rate of 24 minutes per inch.

2.3. Groundwater

Groundwater was not encountered to a depth of 7 feet.

2.4. Natural Resources

Natural resources contained on the site is Lake Mahopac. Disturbance is proposed within 100 feet of the lake.

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

The property is located on a knoll overlooking Lake Mahopac. Most of the property, from the house to the rear drains to the lake. The remainder of the property in the front drains to North Lake Boulevard. 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

III. Stormwater Management, Treatment and Conveyance

A. Storm water treatment is not required. Management of stormwater from this property is discharging roof and driveway drainage to adjacent lawn areas and existing stormwater structures, catch basins.

B. Stormwater conveyance for this project consists of sheet flow onto adjacent lawn areas and piping to existing stormwater structures.

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. Construction equipment will be fueled off site.

Any spills of construction chemicals will be immediately cleaned up in accordance with appropriate procedures. A Brute 32 gallon spill kit K-32-0 will be provided on site. In addition 100 feet of oil boom will be stored on site for immediate use in a spill emergency.

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 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 subcontractors 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:

Ross Myles
604 North Lake Boulevard
Carmel, New York, 10512

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. Construction Entrance(s)

The existing driveway will be used as a construction entrance. The construction entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto the public right of way. This will require sweeping and washing the driveway surfaces as conditions demand based on daily inspections. All sediment spilled, dropped, washed or tracked onto public rights of way must be immediately removed.

2. Silt Fence – Wire Backed

Silt fence shall be wire backed and 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 for George Sica 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

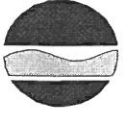
These documents are appended to this SWPPP.

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.

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-0-10-001
 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)

R O S S M Y L E S M A H O P A C , L L C

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

R O S S

Owner/Operator Contact Person First Name

M Y L E S

Owner/Operator Mailing Address

6 0 9 - 2 C O N T I A G U E R O C K R O A D

City

W E S T B U R Y

State

n y

Zip

1 1 5 9 0 -

Phone (Owner/Operator)

8 4 5 - 4 1 6 - 1 0 8 9

Fax (Owner/Operator)

- -

Email (Owner/Operator)

FED TAX ID

- (not required for individuals)

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
☐ 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

Number of Lots

--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

***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																								
<table border="1"><tr><td></td><td></td><td></td><td>1</td><td>.</td><td>5</td></tr></table>				1	.	5	<table border="1"><tr><td></td><td></td><td></td><td>0</td><td>.</td><td>2</td></tr></table>				0	.	2	<table border="1"><tr><td></td><td></td><td></td><td>0</td><td>.</td><td></td></tr></table>				0	.		<table border="1"><tr><td></td><td></td><td></td><td>0</td><td>.</td><td>1</td></tr></table>				0	.	1
			1	.	5																						
			0	.	2																						
			0	.																							
			0	.	1																						

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												
<table border="1"><tr><td></td><td></td><td></td></tr></table> %				<table border="1"><tr><td>1</td><td>0</td><td>0</td></tr></table> %	1	0	0	<table border="1"><tr><td></td><td></td><td></td></tr></table> %				<table border="1"><tr><td></td><td></td><td></td></tr></table> %			
1	0	0													

7. Is this a phased project? ☐ Yes ☒ No

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

Start Date	End Date																				
<table border="1"><tr><td>0</td><td>5</td><td>/</td><td>0</td><td>1</td><td>/</td><td>2</td><td>0</td><td>1</td><td>6</td></tr></table>	0	5	/	0	1	/	2	0	1	6	<table border="1"><tr><td>0</td><td>6</td><td>/</td><td>0</td><td>1</td><td>/</td><td>2</td><td>0</td><td>1</td><td>6</td></tr></table>	0	6	/	0	1	/	2	0	1	6
0	5	/	0	1	/	2	0	1	6												
0	6	/	0	1	/	2	0	1	6												

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?

[illegible]

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

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

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)
<input type="radio"/> Conservation of Natural Areas (RR-1) ...	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Sheetflow to Riparian Buffers/Filters Strips (RR-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Tree Planting/Tree Pit (RR-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Disconnection of Rooftop Runoff (RR-4) ..	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>RR Techniques (Volume Reduction)</u>		
<input type="radio"/> Vegetated Swale (RR-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Rain Garden (RR-6)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Stormwater Planter (RR-7)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Rain Barrel/Cistern (RR-8)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Porous Pavement (RR-9)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Green Roof (RR-10)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>Standard SMPs with RRv Capacity</u>		
<input type="radio"/> Infiltration Trench (I-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Infiltration Basin (I-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Dry Well (I-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Underground Infiltration System (I-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Bioretention (F-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Dry Swale (O-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>Standard SMPs</u>		
<input type="radio"/> Micropool Extended Detention (P-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Pond (P-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Extended Detention (P-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Multiple Pond System (P-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pocket Pond (P-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Surface Sand Filter (F-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Underground Sand Filter (F-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Perimeter Sand Filter (F-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Organic Filter (F-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Shallow Wetland (W-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Extended Detention Wetland (W-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pond/Wetland System (W-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pocket Wetland (W-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Swale (O-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>

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

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

- [illegible]

41. Does this project require a US Army Corps of Engineers Wetland Permit? ☐ Yes ☒ No
If Yes, Indicate Size of Impact.

--	--	--	--	--

 .

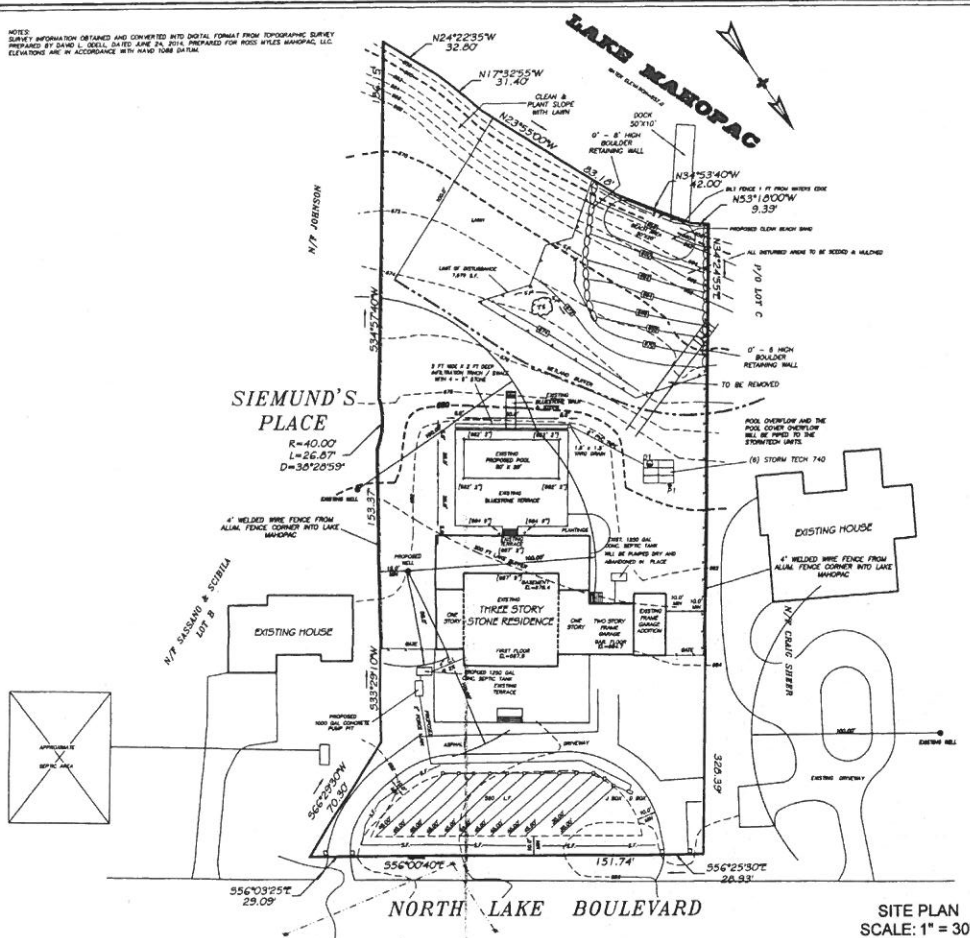
--

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

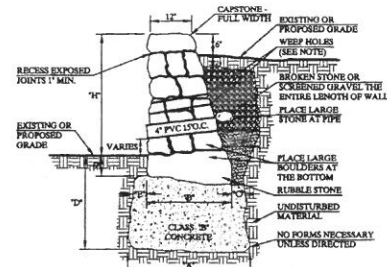
44. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. N Y R

NOTES:
SURVEY INFORMATION OBTAINED AND CONVERTED INTO DIGITAL FORMAT FROM TOPOGRAPHIC SURVEY
PREPARED BY DAVID L. ODELL, DATED JUNE 24, 2014, PREPARED FOR ROSS HYLES MANHART, LLC.
ELEVATIONS ARE IN ACCORDANCE WITH NAVD 83 DATUM.



SITE PLAN
SCALE: 1" = 30'

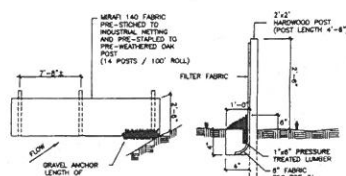
RUBBLE STONE MASONRY
RETAINING WALL DETAIL (N.T.S.)



SECTION					
DIMENSIONS					
H(P)	A'	B'	C'	D'	E'
1	2'-0"	1'-6"	3"	2'-0"	3"
2	2'-6"	2'-0"	3"	2'-0"	3"
3	3'-2"	2'-6"	4"	3'-0"	4"
4	3'-8"	3'-0"	4"	3'-0"	4"
5	4'-8"	3'-6"	6"	3'-0"	6"
6	5'-0"	4'-0"	6"	3'-0"	6"

NOTES:

1. RETAINING WALLS OVER 6FT. IN HEIGHT SHALL BE ENGINEERED OR IN CASE OF ROCK OCCURRENCE, 8 ON 1 ROCK CUT SHALL BE UTILIZED.
2. STAGGER WEEP HOLES 16" O.C. VERTICALLY.
3. IN ROCK CUT AREAS, ALL ROCK CUTS SHALL BE STABILIZED TO THE SATISFACTION OF THE TOWN'S REPRESENTATIVE.



SILT FENCE DETAIL N.T.S.

- CONSTRUCTION SPECIFICATIONS:
1. FILTER FABRIC TO BE EMBEDDED IN SOIL A MIN. OF 6".
 2. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 3. SILT FENCE TO BE REMOVED AT END OF CONSTRUCTION BUT NOT BEFORE ALL DISTURBED AREAS ARE STABILIZED AND VEGETATED.

NEW YORK AND SEYMOUR CONTROL, INC. SERVICES SHALL BE ORDERED IN ACCORDANCE WITH THE NEW YORK UNLAWFUL FOR SEYMOUR AND SEYMOUR CONTROL, INC. AS PUBLISHED BY THE NEW YORK STATE SOL AND SEYMOUR CONSIDERATION SOCIETY AND RECOMMENDED BY THE U.S. DEPARTMENT OF AGRICULTURE - SOL CONSIDERATION SERVICE. (REFERRED TO IN SEYMOUR TEXT AS "THE NEW YORK UNLAWFUL")

3. ANY DEFAMED AREA THAT WILL BE LEFT UNDISTURBED FOR MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL BE SOILED AND MALLOD WITHIN 14 DAYS OF THE LAST INTERFERENCE WITH TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DEFAMED AREA SHALL BE MALLOD WITH STONE OR EQUIVALENT MATERIAL. THE SEEDING SHALL BE DONE IN ACCORDANCE

A) BEEN AGAIN, EYE GRAB APPLIED AT A RATE OF 30 LBS/ACRE OTHER SELECT NUTRIENTS AS DESCRIBED IN THE NEW YORK BUREAU.

IF MASON ISL MAY OR SMALL GRASS STRIPS APPLIED AT A RATE OF NINETY (90) POUNDS PER ONE HUNDRED SQUARE FT. (IN TWO TONS PER ACRE) TO BE APPLIED AND MIXED ACCORDING TO THE NEW YORK GUIDELINES. GOOD FERTILIZERS OR OTHER SPRINKLE PRODUCTS APPROVED FOR SOILS CONTROL (MASON ISL OR ACRE) MAY BE USED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

3. ANY BRIBED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC, SHALL, WITHIN FIVE (5) BUSINESS DAYS OF THE DATE OF THE AWARD OF THE CONTRACT, BE REVEALED AND REVEALED TO THE PUBLIC.

A) STEEP SLOPES OR BROKEN SLOPES BROADER THAN 3:1 (H:V) REFER TO PERMANENT CRITICAL AREA PLANNING NOTES.

4. SUPER STORM TACTICS ON THREE SHALL BE ENFORCED IMMEDIATELY AFTER DRAGS

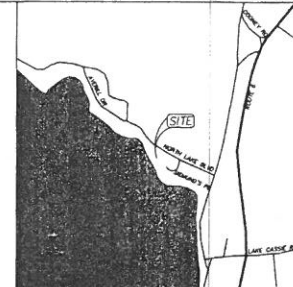
7. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS.

5. STOCKPILES SHALL NOT BE LOCATED WITHIN FIFTY FEET (50') OF ROAD OR ON OTHERWISE PROHIBITED. THE SIDE OF ALL STOCKPILES SHALL BE PROTECTED BY A DIRT PAD, OR SHALES SHOWN ON A COMBINATION OF BOTH.

IN LABATORY STRAINING INSPECTIONS SHALL BE PERFORMED NIGHT AND DAY IN 24 HOUR CYCLE ANY PRESCRIPTION (NOT INCLUDING MORE THAN 1/2 OF PRESCRIPTION DAY AND 24 HOUR PERIOD). INSPECTIONS ARE PERFORMED BY A LICENSED CERTIFIED PROFESSIONAL.

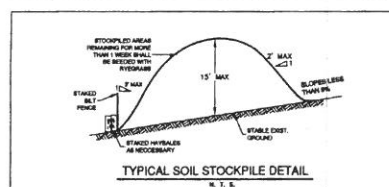
11. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON COMPLETION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OR REMOVAL OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

1.3 THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR IMPLEMENTATION OF ALL PROBLEM AND SECONDARY CONTROL MEASURES.



Notes:

1. OWNER: Ross Hyles Mahopac, LLC
609-2 Connelgate Rock Road
Westbury, NY, 11590
2. PROPERTY ADDRESS: 604 North Lake Blvd.
TM # 45-13-11-1
3. Silt fence shall be provided with silt baffle.
4. Construction equipment shall not be fueled on-site.
5. A 1/2 inch 15 gallon silt to 15-20 shall be provided on site to consist of the following:
 - 50 pads, heavy weight
 - 8 socks, 2" x 4"
 - 2 bags ultraviolet, granular 5#
 - 4 temporary disposal bags, 4 mil
 - 4 plastic silt tie, 12"
 - 2 pair nitrile gloves/ pair safety goggles
6. 1 instruction sheet
7. Approximately 600 cubic yards of material will be excavated from the site to construct the baffle. This material will be removed from the site, except for the topsoil which will be stockpiled and reused.
8. A minimum of 200 linear feet of "oil spill" boom will be located on site for use in the event of an oil spill.



NOTES:
SURVEY INFORMATION OBTAINED AND CONVERTED INTO DIGITAL FORMAT FROM TOPOGRAPHIC SURVEY PREPARED BY DAVID
ODDELL, DATED JUNE 30, 2014, PREPARED FOR ROSS MYLES MANOPAC, LLC. ELEVATIONS ARE IN ACCORDANCE WITH NAVD 83
DATA.
ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY
ALTERATION BY P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SIGNATURE AND DATE OF ALTERATION

3	3-14-18	BEACH
2	11-3-18	PROPOSED POOL ADDED
1	3-10-18	RELOCATION OF REPTILE TANK & PUMP CHAMBER

JOHN KARELL, JR. P.E.

121 CUSHMAN ROAD
PATTERSON, NEW YORK 12563

ROSS MYLES MAHOPAC, LLC 804 NORTH LAKE BOULEVARD	SCALE:	LAT REVI
---	--------	-------------

TAX LOT: 65.13-1-11	1" = 30'	
	DATED:	SHEET

LAKE FRONT BEACH PLAN	SEPTEMBER 15, 2014	10
	CHECKED,	

[illegible]