

ROBERT LAGA  
*Chairman*

NICHOLAS FANNIN  
*Vice Chairman*

ROSE TROMBETTA  
*Secretary*

**TOWN OF CARMEL**  
**ENVIRONMENTAL CONSERVATION BOARD**



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

**BOARD MEMBERS**

Edward Barnett  
Vincent Turano  
Julie McKeon

**ENVIRONMENTAL CONSERVATION BOARD AGENDA**

**JANUARY 17, 2019 – 7:30 P.M.**

**SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION**

<b><u>APPLICANT</u></b>	<b><u>ADDRESS</u></b>	<b><u>TAX MAP #</u></b>	<b><u>COMMENTS</u></b>
1. Rudin, James & Susan	934 Peekskill Hollow Road	53.-1-18	Retain Existing Pool with Deck
2. Freda, Jeffrey	420 North Lake Blvd	64.12-2-47	Construct Deck on top of Existing Seawall
3. Mahopac Point Owner's Association	Tamarack Road & Sycamore Road	N/A	Repair Drainage System

**MISCELLANEOUS**

4. Minutes – 12/06/18

ROBERT LAGA  
Chairman

NICHOLAS FANNIN  
Vice-Chairman

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BOARD MEMBERS

Edward Barnett  
Vincent Turano  
John Starace

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: James & Susan Rudin

Address of Applicant: 934 Peekskill Hollow Rd Email: \_\_\_\_\_

Telephone# \_\_\_\_\_ Name and Address of Owner if different from Applicant: \_\_\_\_\_

Property Address: 934 Peekskill Hollow Rd. Tax Map # 53-1-18

Agency Submitting Application if Applicable: \_\_\_\_\_

Location of Wetland: Stream on property - 20ft+ from pool.

Size of Work Section & Specific Location: \_\_\_\_\_

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).

Retain size of existing pool and deck

Proposed Start Date: N/A Anticipated Completion Date: N/A Fee Paid \$ \_\_\_\_\_

**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.

Susan Rudin

SIGNATURE

Nov. 26 2018

DATE

# Short Environmental Assessment Form

## Part 1 - Project Information

### Instructions for Completing

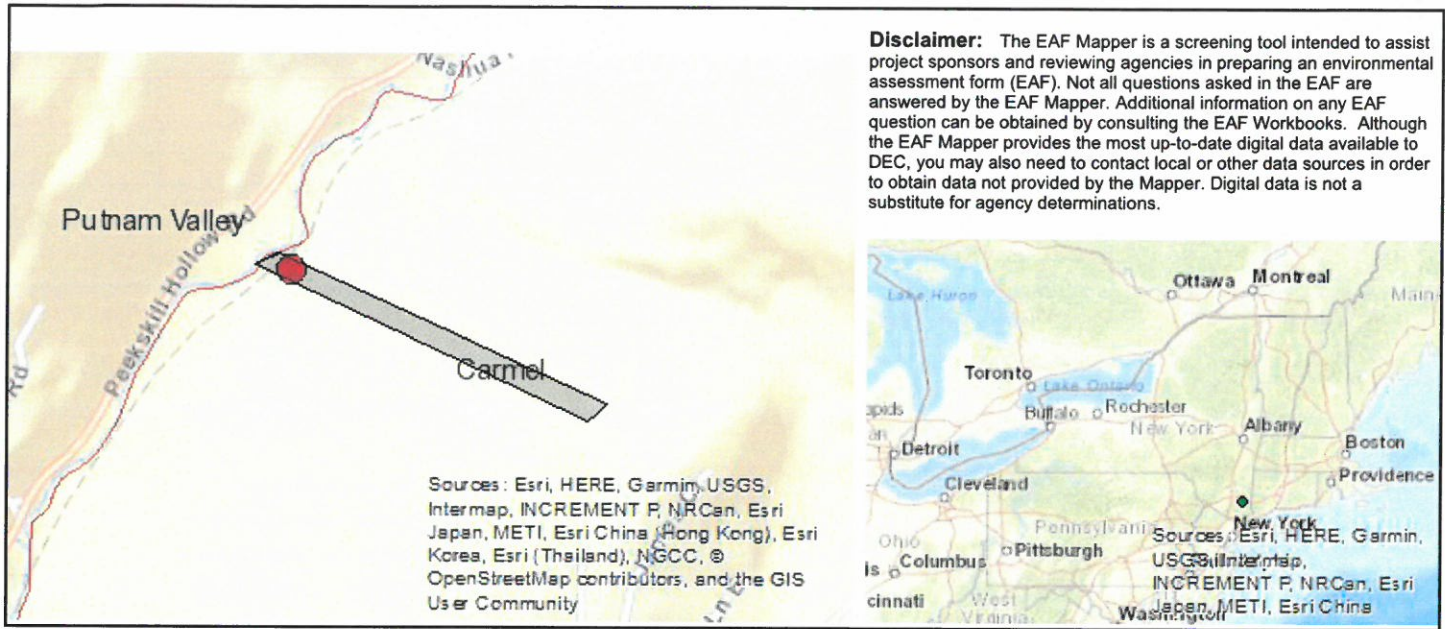
**Part 1 - Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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.

<b>Part 1 - Project and Sponsor Information</b>							
Name of Action or Project: James & Susan Rudin							
Project Location (describe, and attach a location map): 934 Peekskill Hollow Road, Mahopac, NY 10541							
Brief Description of Proposed Action: Retain Existing pool and pool deck.							
Name of Applicant or Sponsor: James & Susan Rudin		Telephone: _____					
		E-Mail: _____					
Address: 934 Peekskill Hollow Road							
City/PO: Mahopac		State: New York	Zip Code: 10541				
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%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><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: Building Permit			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NO	YES						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
3.a. Total acreage of the site of the proposed action? _____ 0 acres b. Total acreage to be physically disturbed? _____ 0 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 0 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,	NO	YES	N/A
a. A permitted use under the zoning regulations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<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	YES	
	<input type="checkbox"/>	<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	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO	YES	
	<input checked="" type="checkbox"/>	<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	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____	NO	YES	
	<input checked="" type="checkbox"/>	<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	YES	
	<input checked="" type="checkbox"/>	<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	YES	
	<input type="checkbox"/>	<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 checked="" type="checkbox"/> Wetland <input type="checkbox"/> Urban <input 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? Northern Long-eared Bat, Ti...	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is the project site located in the 100 year flood plain?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes,	NO	YES	
a. Will storm water discharges flow to adjacent properties? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____	<input checked="" 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"/>
<b>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b> Applicant/sponsor name: <u>Susan Rudin</u> Date: <u>11/26/18</u> Signature: <u><i>Susan Rudin</i></u>		



**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 Register of Historic Places]	No
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Northern Long-eared Bat, Timber Rattlesnake
Part 1 / Question 16 [100 Year Flood Plain]	Yes
Part 1 / Question 20 [Remediation Site]	No

32 ft

2x 16  
Floor Joist

2x10 E. side  
16'

stair - 12 ft  
close to  
12" head

stairs

2x 12

Round  
Pool

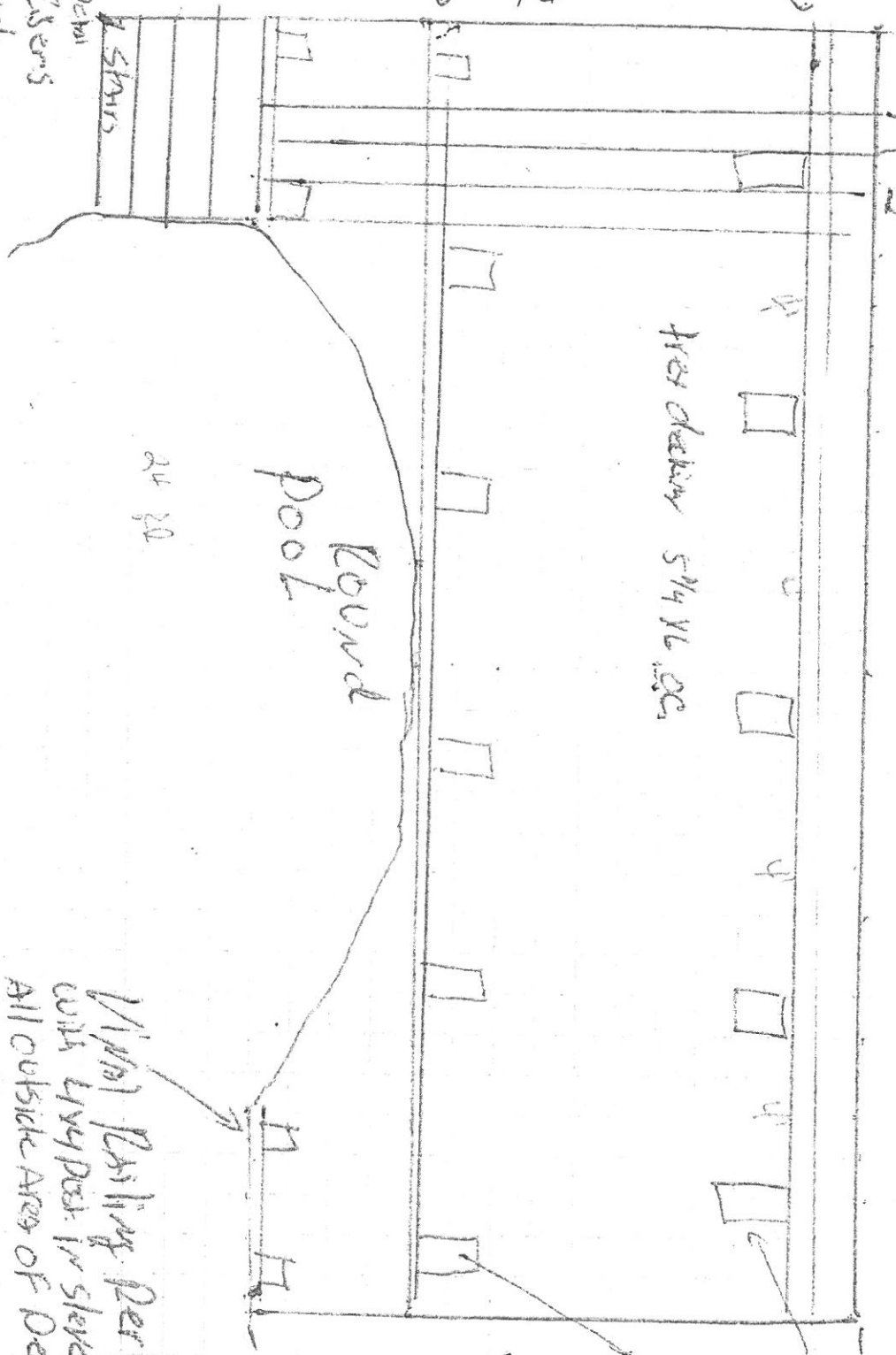
1st deck 5 1/4 x 6 OC

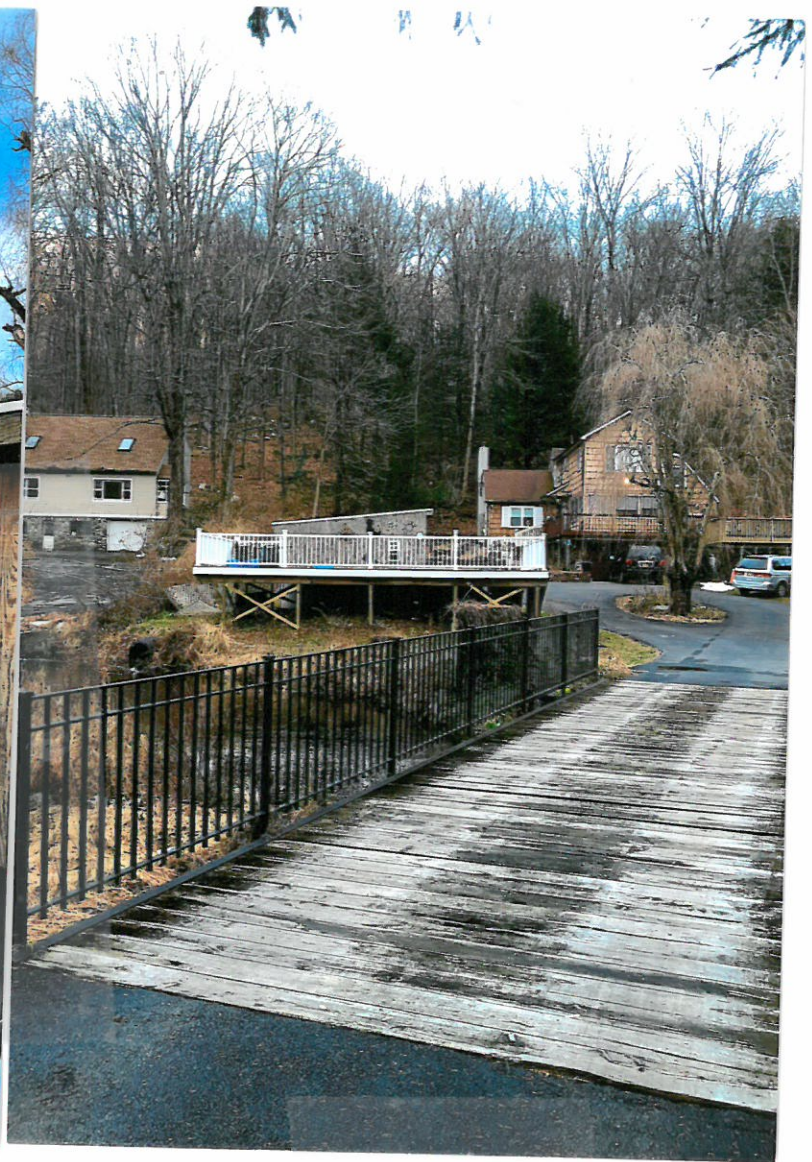
Vinyl railing per table  
with 4x4 post in sleeves on  
all outside areas of deck

Deck for  
footing

4x4  
post  
12" x 12"  
Base

16 ft







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DAVID KLOTZLE  
Wetland Inspector

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Marc Pekowsky  
Vincent Turano  
Nicholas Fannin  
John Starace

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: JEFFREY FREDA

Address of Applicant: 420 NORTH LAKE BLVD Email: \_\_\_\_\_

Telephone# \_\_\_\_\_ Name and Address of Owner if different from Applicant: \_\_\_\_\_

Property Address: 420 NORTH LAKE BLVD Tax Map # 64.12-2-47

Agency Submitting Application if Applicable: N/A

Location of Wetland: LAKE MAHOPAC

Size of Work Section & Specific Location: ADJACENT TO BOAT HOUSE ON SEA WALL

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).

9 HELICAL PILES TO BE INSTALLED IN LAKE  
TO SUPPORT A COMPOSITE DECK 387 SF

Proposed Start Date: MAR. 1, 2019 Anticipated Completion Date: 4/1/19 Fee Paid \$ 225.00

**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.

[Signature]  
SIGNATURE

12/15/18  
DATE

# Short Environmental Assessment Form

## Part 1 - Project Information

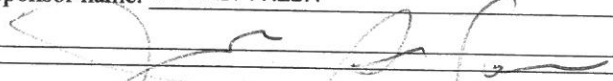
### Instructions for Completing

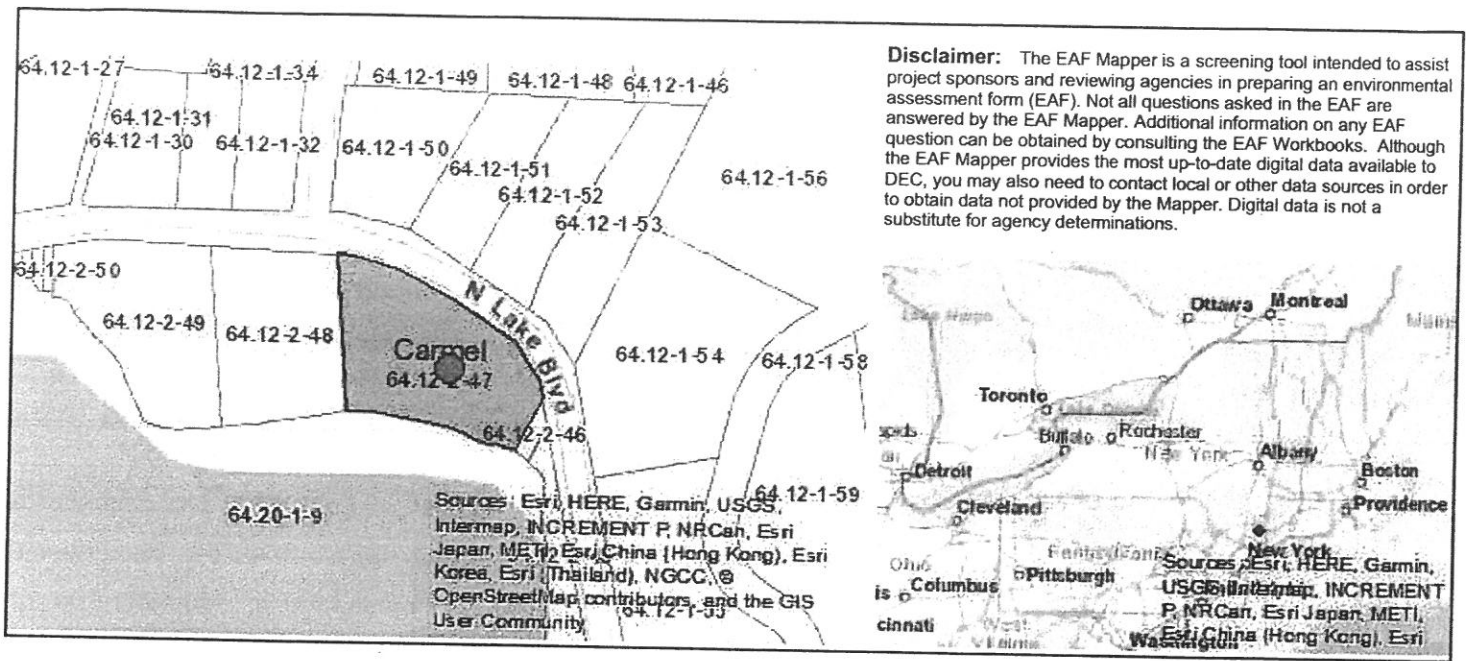
**Part 1 - Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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.

<b>Part 1 - Project and Sponsor Information</b>							
Name of Action or Project: FREDA LAKESIDE DECK							
Project Location (describe, and attach a location map): 420 NORTH LAKE BOULEVARD, MAHOPAC, NY, 10541							
Brief Description of Proposed Action: CONSTRUCTION OF A 387 SQUARE FOOT COMPOSITE DECK PLACED ON TOP OF EXISTING SEA WALLS WITH NINE(9) HELICAL PILES IN THE LAKE TO SUPPORT THE DECK.							
Name of Applicant or Sponsor: JEFFERY FREDA		Telephone: _____ E-Mail: _____					
Address: 420 NORTH LAKE BOULEVARD							
City/PO: MAHOPAC		State: NY	Zip Code: 10541				
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%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><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%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><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? <span style="float: right;">1.06 acres</span> b. Total acreage to be physically disturbed? <span style="float: right;">&lt;1 acres</span> c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? <span style="float: right;">1.06 acres</span>							
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							

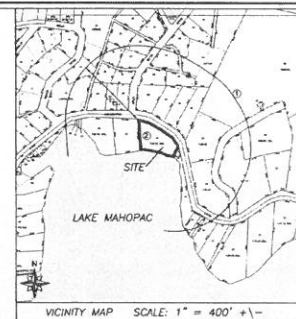
5. Is the proposed action, a. A permitted use under the zoning regulations?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: _____ EXISTING WELL	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ EXISTING SEPTIC SYSTEM	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places? b. Is the proposed action located in an archeological sensitive area?	NO <input checked="" type="checkbox"/> <input type="checkbox"/>	YES <input type="checkbox"/> <input checked="" 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? 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: _____	NO <input type="checkbox"/> <input checked="" type="checkbox"/>	YES <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? Northern Long-eared Bat	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
16. Is the project site located in the 100 year flood plain?	NO <input type="checkbox"/>	YES <input checked="" 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____ _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	

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   <input checked="checked" type="checkbox"/>	YES   <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   <input checked="checked" type="checkbox"/>	YES   <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   <input checked="checked" type="checkbox"/>	YES   <input type="checkbox"/>
<b>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b>		
Applicant/sponsor name: <u>JEFFREY FRED A</u> Date: <u>DECEMBER 12, 2018</u> Signature: 		

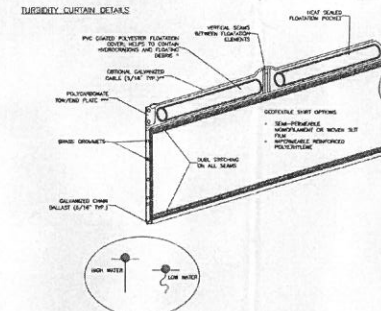


Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National Register of Historic Places]	No
Part 1 / Question 12b [Archeological Sites]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Northern Long-eared Bat
Part 1 / Question 16 [100 Year Flood Plain]	Yes
Part 1 / Question 20 [Remediation Site]	No





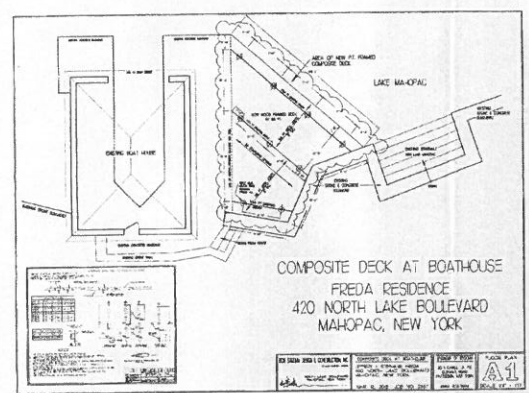
64-12-30 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-30 GOSPEL MANHATTAN 22490 ST BROOKLINE, NY 11210	64-12-31 MATTHEW SPERING 37 JEROME ST MT ST. JOSEPH	64-12-31 JOHN J. HALL 121 PETER ST NATL WOODK. #12541	64-12-31 ALBERT PIZZUTO 413 NORTHEAST BLVD NATL WOODK. #12541
64-12-31 RICARDO GONZALEZ C/O JOSE PABLO RIVERA (JAMAICA) NY 11432	64-12-31 NATL WOODK. #12541 11 SPURT ROCK RD NATL WOODK. #12541	64-12-31 PAUL PROCKYTH HOAGMILLER LLC 58 BEDFORD AVE NEW ROCHELLE, NY 10801	64-12-31 FRANKIE SHAWNES 463 NORTHEAST BLVD NATL WOODK. #12541	64-12-31 ROBERT VORHAGEN 495 NORTHEAST BLVD NATL WOODK. #12541
64-12-31 JOYCE WOOD 8630 SUMMIT PKY JAMAICA, NY 11432	64-12-31 ELLERCAUS 37 SPURT ROCK RD NATL WOODK. #12541	64-12-31 PAUL PROCKYTH HOAGMILLER LLC 58 BEDFORD AVE NEW ROCHELLE, NY 10801	64-12-31 ROBERT VORHAGEN 495 NORTHEAST BLVD NATL WOODK. #12541	64-12-31 ROBERT VORHAGEN 495 NORTHEAST BLVD NATL WOODK. #12541
64-12-31 MATTHEW SPERING 37 JEROME ST MT ST. JOSEPH	64-12-31 EMERLEY MACKAY 13 SPURT ROCK RD NATL WOODK. #12541	64-12-31 ANGELINO 10 SPURT ROCK RD NATL WOODK. #12541	64-12-31 MARCUS DEGRANDI 427 NORTHEAST BLVD NATL WOODK. #12541	64-12-31 ROBERT VORHAGEN 495 NORTHEAST BLVD NATL WOODK. #12541
64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 MVP HIRSHBAUM 5001 HIRSHBAUM NATL WOODK. #12541	64-12-31 MILLETTS - POWERS/FAIRLEY TRUST CO INC 405 KORTZ LAKE BLVD NATL WOODK. #12541	64-12-31 ESTELLE STALLS 46 WEST 64TH ST MT. ST. JOSEPH	64-12-31 ESTELLE STALLS 46 WEST 64TH ST MT. ST. JOSEPH
64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 BARBARA WILLIAMS 7070 PETER RD NATL WOODK. #12541	64-12-31 CHRISTINA VANCE 12 SPURT ROCK RD NATL WOODK. #12541	64-12-31 LORE LINDEN 12 SPURT ROCK RD NATL WOODK. #12541	64-12-31 ESTELLE STALLS 46 WEST 64TH ST MT. ST. JOSEPH
64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541	64-12-31 NATL WOODK. WOODK. INC. 3180 W. 15TH ST NATL WOODK. #12541



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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			
		609-476-7636 phone 609-476-7638 fax jkarell1@att.net	
OWNER:	JEFFREY FREDA 426 NORTH LAKE BLVD CARMEL (T) MAHOPAC HAMLET	SCALE:  1" = 20'  DATED: DEC. 12, 2018	LATEST REVISION
DECK CONSTRUCTION		TAX MAP: 64-12-2-47	S-1



- CONSTRUCTION SEQUENCE:
- USE OF EROSION AND SEDIMENT CONTROL STRUCTURES AND PRACTICES ARE IMPORTANT TO MAINTAINING SITE STABILITY UNDER RAINFALL DURING DIRT CONSTRUCTION ACTIVITIES. EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE INSTALLED WITH EROSION AND SEDIMENT CURTAINS, AS FILLING AND ALL CONTROLS IN PLACE AND IMPLEMENTED PRIOR TO DIRT CONSTRUCTION.
1. PRIOR TO WORK BEGINNING AND PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES "TAKING PLACE ON SITE," A MEETING MUST BE HELD BETWEEN THE TOWN, SUPERVISING ENGINEER, AND THE OWNER/OPERATION OF THE PROJECT.
  2. INITIAL EROSION CONTROL MEASURES SPECIFICALLY THE TURBIDITY CURTAIN.
  3. ONCE ALL EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE, COMMENCE CONSTRUCTION OF THE DIRT.
  4. UPON COMPLETION OF ALL WORK AND FINAL STABILIZATION OF DISTURBED AREAS AND APPROVAL OF THE TOWN WETLAND INSPECTOR, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CAN BE REMOVED.
- GENERAL NOTES:
1. NO HEAVY EQUIPMENT WILL BE USED FOR THE CONSTRUCTION OF THIS PROJECT.
  2. ALL WORK WILL BE DONE MANUALLY.
  3. WETLAND INSPECTOR MUST BE NOTIFIED AFTER EROSION CONTROL MEASURES HAVE BEEN INSTALLED AND PRIOR TO STARTING WORK.
  4. THE PROPERTY LIES IN ZONE A WITH A BASE LEVEL OF 860 FT. AS PER FEMA FLOOD MAP. 36077002100. WITH AN EFFECTIVE DATE OF 3-4-2013



January 10, 2019

Town of Carmel Environmental Conservation Board  
Carmel Town Hall  
60 McAlpin Avenue  
Mahopac, New York 10541

RE: Mahopac Point Owner's Association  
Private Drainage System Repair  
Town of Carmel, New York

Dear Chairman Laga and Members of the Board:

Enclosed please find the following information in support of a Letter of Permission for the above referenced project:

- Project Plans (4 sheets total) dated November 2, 2018.
- \$150.00 Letter of Permission fee.

The Mahopac Point Community is a private community located on a peninsula that extends into Lake Mahopac. The Mahopac Point Owners Association (MPOA) owns and maintains the existing roads around the point, including the existing drainage infrastructure. Based on multiple site visits and exploratory investigations by our office it was determined that much of the existing network of drainage structures and piping around the Point is in a state of disrepair and is in need of an upgrade. Many of the existing drainage structures are constructed of stone and date back almost 90 years. It was found during our investigation of the existing infrastructure that many of the existing pipes which consisted of a variety of materials were also in a state of disrepair. Based on video investigation it was determined that many of the pipes, including the lake drain pipes, were either clogged, partially separated at pipe joints, or consisted of corrugated metal pipes that were completely rotted along the bottom. The existing condition of the pipes is currently contributing to the sediment that is ultimately transported directly to Lake Mahopac.

The Mahopac Point Owner's Association was before your Board in the Fall of 2017 for a letter of permission to complete drainage system repairs at two (2) of the onsite intersections. The Board reviewed the application and granted a letter of permission for the drainage system repairs. This work was then started and completed in the Spring / Summer of 2018.

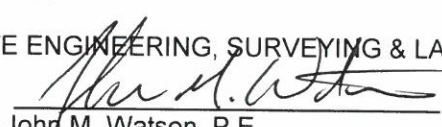
The enclosures are being submitted for the review and issuance of another letter of permission for a drainage system repair at the intersection of Tamarack and Sycamore. The plans include notes and details from the Board's comments received on the previous application. Specifically, the enclosed plans include additional construction notes to address the Board's previous concerns relative to the completion of the drainage improvements.

If you have any questions or comments regarding this information, please do not hesitate to contact our office.

Very truly yours,

INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

By:

  
John M. Watson, P.E.  
Senior Principal Engineer

JMW/zmp

cc: Andreas Kuhbier, Mahopac Point Owners Association with enclosures  
Richard Franzetti P.E., Town of Carmel Engineer, with enclosures  
Insite File No. 14186.100

ROBERT LAGA  
Chairman

NICHOLAS FANNIN  
Vice-Chairman

ROSE TROMBETTA  
Secretary

**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  
Vincent Turano  
Julie McKeon

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: MAHOPAC POINT OWNERS ASSOCIATION (MPOA)

Address of Applicant: ANDREAS KUHBIER (MPOA PRESIDENT) Email \_\_\_\_\_  
PO BOX 411 MAHOPAC NY 10541

Telephone# \_\_\_\_\_ Name and Address of Owner if different from Applicant:

N/A

Property Address: SEE PLANS, SYCAMORE ROAD Tax Map # N/A

Agency Submitting Application if Applicable: INSITE ENGINEERING

Location of Wetland: LAKE MAHOPAC

Size of Work Section & Specific Location: DRAINAGE REPAIRS ALONG SYCAMORE ROAD.

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).

ATTACHED PROJECT PLANS SHOW DRAINAGE REPAIRS AND IMPROVEMENT TO ELIMINATE

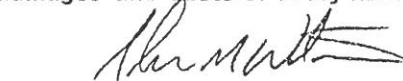
EROSION AND PROVIDE FOR SAFE CONVEYANCE OF RUNOFF TO EXISTING LAKE DISCHARGES.

Proposed Start Date: 6/1/2019 Anticipated Completion Date: 7/1/2019 Fee Paid \$ 150.00

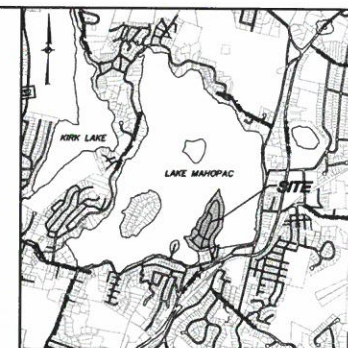
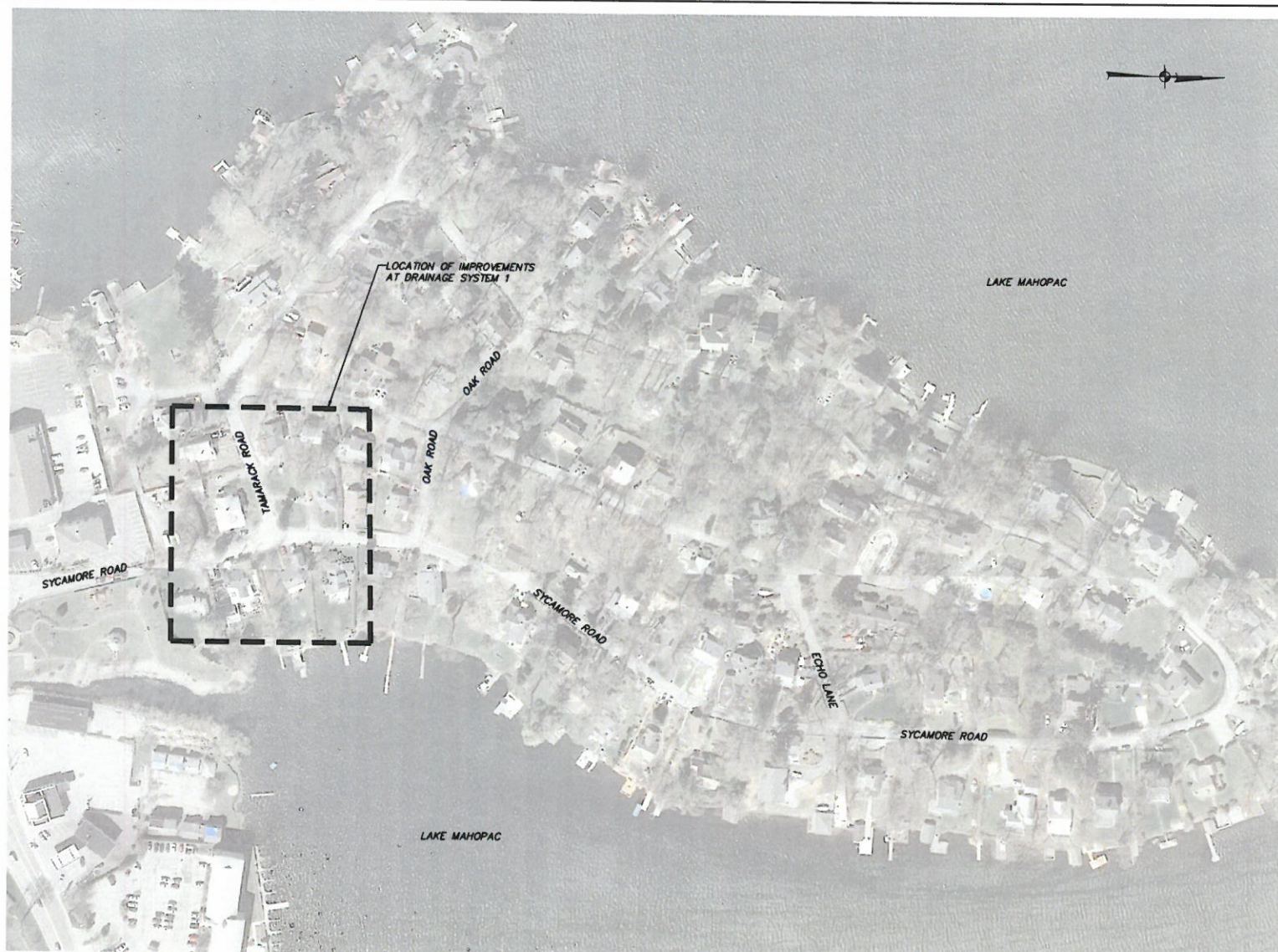
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**CERTIFICATION**

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.

  
SIGNATURE JOHN M. WATSON P.E.  
INSITE ENGINEERING

1/15/2019  
DATE



LOCATION MAP

SCALE: 1" = 2,000'

**OWNER/APPLICANT:**

MAHOPAC POINT OWNERS ASSOCIATION  
TAMARACK ROAD  
MAHOPAC, NY 10541

**SITE DATA:**

Zone: Residential  
Total Acreage: 35± AC

**GENERAL NOTES:**

1. Topography, spot grades and existing conditions are shown herein per aerial photography dated April 14, 2003 and is photogrammetrically compiled at a scale of 1"=400'. Elevations shown herein conform to the North American Vertical Datum of 1988 (N.A.V.D. 1988) as derived by GPS observation. The contour interval is 1'.
2. Supplemental localized topography, spot grades and existing conditions per survey hardware completed October 30, 2014 by InSite Engineering, Surveying & Landscape Architecture, P.C. are limited to the site-specific work area limits. Additions or improvements beyond the work area limits are not updated or included herein.
3. Property line is shown herein per a map entitled Map Showing Private Roadways Prepared for Mahopac Point Owners Association, Inc., dated March 28, 2014, prepared by Robert Butler, L.S. Madison, whose herein is referenced to the New York State Plane Coordinate System (NAD 83) NY Zone as derived by GPS observation.
4. Base map information was taken from NYS Orthorectified dated April of 2013.
5. Proposed features labeled as such, all new existing.
6. The contractor shall call "Dig Safety - New York" (811) prior to the start of construction.
7. The contractor shall notify the Engineer and the Mahopac Point Owner's Association (MPOA) at least 48 hours prior to the start of construction for an onsite Pre-Construction meeting.

GRAPHIC SCALE



ATTENTION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7009 OF ARTICLE 140 OF THE EDUCATION LAW.

NO.	DATE	REVISION	BY
 <b>INSITE</b> ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.			
PROJECT: <b>MAHOPAC POINT OWNERS ASSOC. DRAINAGE SYSTEM I</b>			
DRAWING: <b>OVERALL PLAN</b>			
PROJECT NUMBER: 14186.100	PROJECT MANAGER: J.M.W.	DRAWING NO.: OP-1	SHEET: 1/3
DATE: 11-2-18	DRAWN BY: S.V.W.		
SCALE: 1" = 80'	CHECKED: Z.M.P.		

3 Corvett Place  
Carmel, NY 10512  
(845) 225-8690  
(845) 225-8717 fax  
www.insite-ny.com



#### Drainage System I Construction Sequence:

- The scope of work for the subject project includes the installation of new drainage structures along Tanawock Road and removing and replacing the existing drainage structures in the intersection between Sycamore and Tanawock Road. Contractor shall connect any drainage pipes encountered during the project to the new drainage system.
- Install appropriate traffic maintenance and protection of traffic devices. Coordinate with Mahopac Point Owners Association (MPOA) to alert home owners of potential disruptions to highways during construction.
- Install erosion controls as shown on the plan including all fence at the toe of disturbed soils, in general locations indicated on the plans.
- Begin saw cut for removal of existing drainage structures and installation of new drainage structures and piping in accordance with the project plans.
- Remove existing drainage structures and piping all excess material shall be disposed of offsite at the expense of the contractor.
- Begin installation of new drainage structures and piping, all excess excavated material shall be disposed of offsite at the expense of the contractor. No stockpiling of excess material will be allowed from the limited available space around the proposed work area.
- Upon completion of all drainage work, re-establish riprap pavement within Sycamore and Tanawock Road and restore disturbed areas outside of pavement in accordance with the Sedimentation and Erosion Control Notes. Permanent stabilization is achieved when 80% of the plant/grass density is established or equal.
- After the site is permanently stabilized, remove all temporary erosion control measures.

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 2009 OF ARTICLE 145 OF THE EDUCATION LAW.

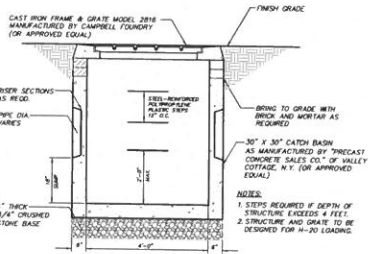
LEGEND	
	Existing Property Line
	Existing Tree Line
	Existing Stone Wall
	Existing Edge of Pavement
	Existing Pavement Marking
	Existing Retaining Wall
	Existing 5' Contour
	Existing 1' Contour
	Existing Spot Sheet
	100' Lake Buffer
	PROPOSED Silt Fence
	PROPOSED Drain Inlet
	PROPOSED Hope Pipe

#### CONSTRUCTION NOTES

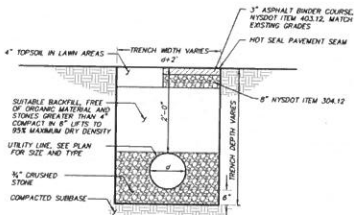
- Work along Sycamore Road will require warning signs and traffic control in accordance with AASHTO standards. One lane must remain open at all times.
- The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-15-002, for Erosion and Sediment Control only.
- All pre-cast concrete drainage structures, frames and grates are to meet H-20 loading requirements.
- Design Engineer to approve locations and elevations of all structures prior to placement.
- Existing drainage structures and pipe where new drainage structures and pipe are proposed as noted on the project plans are to be crushed and removed from the site.
- All catch basins and drain inlets shall be 30" x 30" unless otherwise noted on the plans.
- All manholes and signs shall be replaced in their respective preconstruction general location at the completion of construction.
- The contractor shall field-verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the owner and project engineer when identified.
- All existing vegetation not proposed to be removed shall be protected from damage, and if damaged replaced at the contractor's expense.
- The contractor will be held responsible for all damage caused to existing utilities / features / facilities during execution of the work not proposed to be modified or removed by this contract. All damage to any existing utilities / features / facilities not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
- Original condition shall mean the condition in which the feature was found at the start of construction.
- The contractor shall provide all removals incidental and necessary to execute the work shown on the project plans. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the Engineer.
- During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control, The New York State Standards and Specifications for Erosion and Sediment Control can be found at <http://www.dec.state.ny.us/da/about/29586.html>.
- The contractor shall be responsible for the implementation of erosion and sediment controls as necessary to prevent erosion and migration of sediment outside of the project limits and sediment controls may include but are not limited to silt fence and a stabilized construction entrance. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the Engineer.
- All existing pavement shall be cleaned and swept prior to the completion of construction.
- All excess soil material shall be disposed of by contractor offsite, no stockpiling is proposed given limited work area in right of way.
- Drain inlet rims have been set based on an interpretation of existing contours. Final rim elevations will be determined in the field by the contractor to ensure all extended stormwater runoff is directed to the drain inlets.
- The silt fence shown herein, specifically between Sycamore Road and Lake Mahopac, shall be installed prior to the start of any work. Silt fencing shall be installed at the end of each work day in locations up hill of completed work to protect disturbed areas.
- Filter fabric shall be placed over the existing drain inlet grates during any existing activities to prevent the slurry from entering the existing pipes.
- The haul drums shall be checked daily by the contractor to ensure construction related materials are transported in the haul during the installation.
- All mechanical equipment stored in the sloping areas shall be covered or placed on a 20 ml plastic liner.
- No loading or unloading of construction equipment will be conducted within the 100 foot buffer of the lake. Any vehicle loading is to take place in the designated sloping area.
- The contractor shall maintain a spill kit on-site at all times during construction.

NO.	DATE	REVISION	BY
1	11-02-18	1	J.M.W.
2	11-02-18	2	J.M.W.
3	11-02-18	3	J.M.W.
4	11-02-18	4	J.M.W.
5	11-02-18	5	J.M.W.
6	11-02-18	6	J.M.W.
7	11-02-18	7	J.M.W.
8	11-02-18	8	J.M.W.
9	11-02-18	9	J.M.W.
10	11-02-18	10	J.M.W.
11	11-02-18	11	J.M.W.
12	11-02-18	12	J.M.W.
13	11-02-18	13	J.M.W.
14	11-02-18	14	J.M.W.
15	11-02-18	15	J.M.W.
16	11-02-18	16	J.M.W.
17	11-02-18	17	J.M.W.
18	11-02-18	18	J.M.W.
19	11-02-18	19	J.M.W.
20	11-02-18	20	J.M.W.
21	11-02-18	21	J.M.W.
22	11-02-18	22	J.M.W.
23	11-02-18	23	J.M.W.
24	11-02-18	24	J.M.W.
25	11-02-18	25	J.M.W.
26	11-02-18	26	J.M.W.
27	11-02-18	27	J.M.W.
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30	11-02-18	30	J.M.W.

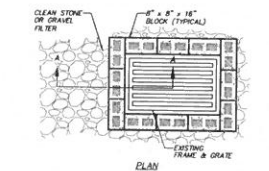
<b>INSITE</b> ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C. 3 Garrett Place Cortlandt, NY 10512 (845) 225-8800 (845) 225-8801 fax <a href="http://www.insite-eng.com">www.insite-eng.com</a>	
PROJECT: MAHOPAC POINT OWNERS ASSOC. DRAINAGE SYSTEM I SYCAMORE ROAD, TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK DRAWING: CONSTRUCTION DRAWING	
PROJECT NUMBER: 14186.100 DATE: 11-02-18 SCALE: 1" = 20'	PROJECT MANAGER: J.M.W. DESIGNER: S.V.W. CHECKER: J.M.P.
DRAWING NO. SP-1	SHEET 2



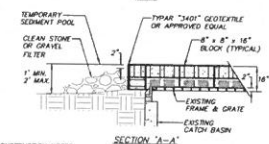
Drain Inlet Detail  
(N.T.S.)



Trench Restoration Detail  
(N.T.S.)



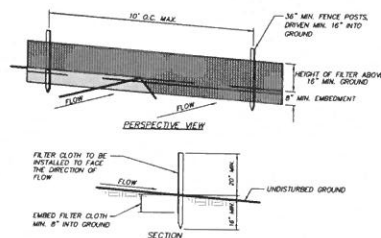
PLAN



SECTION A-A

- CONSTRUCTION NOTES:**
- LAY ONE LAYER OF BLOCKS ON EACH SIDE OF THE STRUCTURE ON THEIR SLOES FOR WEATHERING. EDGES OF BLOCK SHALL BE 2 INCHES MINIMUM BELOW THE GRADE. BLOCKS SHALL BE PLACED AGAINST THE INLET FOR SUPPORT. PLACE A SECOND LAYER OF BLOCKS ON TOP OF THE FIRST LAYER WITH JOINTS FACE UP.
  - GEOTEXTILE SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
  - USE CLEAN STONE OR GRAVEL 1/2 TO 3/4 INCH IN DIAMETER PLACED ON A 20-14 SLOPE OR FLATTER, TO WITHIN 2 INCHES OF THE TOP OF THE BLOCKS.

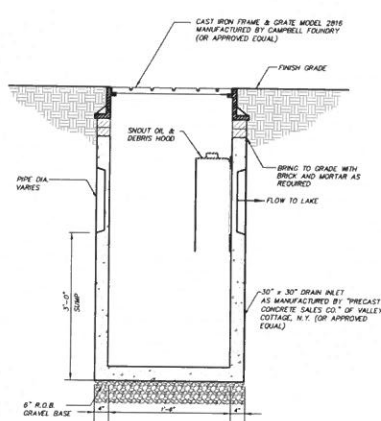
STONE AND BLOCK DROP INLET PROTECTION  
AT EXISTING DRAIN INLET DETAIL  
(N.T.S.)



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND TIED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN ALLOWED TO DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL  
(N.T.S.)



DEEP SUMP DRAIN INLET (DI 1A) DETAIL  
(N.T.S.)

## EROSION & SEDIMENT CONTROL NOTES:

- The Erosion and Sediment Control Plan is only to be referred to for the installation of erosion and sediment control measures. For all other construction related activities, including, but not limited to, grading and utilities, refer to the appropriate drawings.
- Each contractor or subcontractor responsible for soil disturbance shall have a NYSDDEC Erosion and Sediment Control Plan. The NYSDDEC Erosion and Sediment Control Plan shall be submitted to the County Engineer for review and approval. The NYSDDEC Erosion and Sediment Control Plan shall be submitted to the County Engineer for review and approval. The NYSDDEC Erosion and Sediment Control Plan shall be submitted to the County Engineer for review and approval.
- All construction activities involving the removal or disturbance of soil are to be preceded with appropriate protective measures to minimize erosion and sediment disturbance. Minimum erosion and sediment control measures shall be implemented as shown on the plans and shall be installed in accordance with New York Standards and Specifications for Erosion and Sediment Control, latest edition.
- Whenever feasible, natural vegetation should be retained and protected. Disturbance shall be minimized in the areas required to perform construction. No more than 5 acres of unprotected soil shall be exposed at any one time.
- When land is exposed during development, the exposure shall be kept to the shortest practical period of time, but in no case more than 7 days after the construction activity in that portion of the site has ceased. Disturbance shall be minimized in the areas required to perform construction.
- All construction vehicles shall be kept clear of the watercourses and wetland control areas outside the areas of proposed development. Silt fence and erosion control measures shall be installed in the areas where the grading is in close proximity of the watercourses or wetland control areas.
- The stabilized construction entrances, all fence, and erosion control measures shall be installed as shown on the plans prior to beginning any clearing, grubbing or earthwork.
- All material to be eroded from the area being developed shall be stockpiled and immediately removed with a clean permit or permit shall be used for winter seeding and a clean permit or permit shall be used for spring and summer seeding.
- Any graded areas not subject to further disturbance or construction activity shall, within 7 days of final grading, receive permanent vegetation cover in combination with a suitable mulch. All seeded areas to receive a minimum 4\"/>

## REQUIRED EROSION CONTROL SWPPP CONTENTS:

- Purpose of the NYSDDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (SP-0-15-002) and Stormwater Pollution Prevention Plan (SWPPP) shall include erosion and sediment control practices designed in accordance with the most current version of the technical standards, New York Standards and Specifications for Erosion and Sediment Control, latest edition, and sediment control practices are not designed in accordance with the technical standards and specifications, the project shall demonstrate equivalence to the technical standards. The following list of required SWPPP components is provided in accordance with Part 6 of the General Permit SP-0-15-002.
- Background information: The subject project consists of the replacement and improvements to the existing privately owned drainage system along Seneca Road. The improvements include replacement of existing drainage structures, installation of new drainage structures in critical areas to eliminate overflow flow and replacement of the existing drainage pipes connecting the structures.
- Site map / construction drawing: These plans serve to satisfy this SWPPP requirement.
- Description of the soils present at the site: Gravel soils located within the proposed limits of disturbance consist of Chaffee-Charlton Complex (C2) and Charlton-Chaffee Complex (C2) as identified on the Soil Conservation Service Web Soil Survey. These soils types belong to the Hydrologic Soil Group "B".
- Construction phasing plan / sequence of operations: The Construction Sequence and phasing shall on these plans provide the required phasing. A Construction Sequence and Erosion and Sediment Control Maintenance Schedule has been provided. The Sedimentation and Erosion Control Notes contained herein outline a general sequence of operations for the proposed project. In general of erosion and sediment control facilities shall be installed prior to commencement with land disturbing activities, and areas of disturbance shall be limited to the shortest period of time as practicable.
- Description of erosion and sediment control practices: This plan, and details / notes shown herein serve to satisfy this SWPPP requirement.
- Temporary and permanent soil stabilization plan: The Sedimentation and Erosion Control Notes and Details provide herein identify temporary and permanent stabilization measures to be employed with respect to specific elements of the project, and at the various stages of development.
- Site map / construction drawing: This plan serves to satisfy this SWPPP requirement.
- The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices: The details, Erosion and Sediment Control Notes, and Erosion and Sediment Control Maintenance Schedule serve to satisfy this SWPPP requirement.
- An inspection schedule: Inspections are not required per the General Permit.
- A description of pollution prevention measures that will be used to control silt, construction chemicals and construction debris: In general, all construction silt / debris shall be controlled and removed from the site. The general contractor shall notify either waste haulers or dumpster for larger waste disposal. Any construction chemicals utilized during construction shall either be removed from site daily by the contractor or stored in a structurally sound and weatherproof building. No hazardous waste shall be stored on site and all hazardous waste shall be disposed of in accordance with all federal, state and local regulations. Material Safety Data Sheet (MSDS), material inventory, and emergency contact numbers shall be maintained by the general contractor for all construction chemicals utilized onsite. Finally, temporary soil stabilization (geotextile fabric) shall be provided onsite during the entire length of construction, and inspected weekly for evidence of leaking holding ponds.
- A description and location of any stormwater discharges associated with industrial activity other than construction at the site: There are no known industrial stormwater discharges present or proposed at the site.
- Identification of any elements of the design that are not in accordance with the technical standards, New York Standards and Specifications for Erosion and Sediment Control: All proposed elements of this SWPPP have been designed in accordance with the New York Standards and Specifications for Erosion and Sediment Control.

EROSION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE					
MONITORING REQUIREMENTS			MAINTENANCE REQUIREMENTS		
PRACTICE	DAILY	WEEKLY	AFTER RAINFALL	DURING CONSTRUCTION	AFTER CONSTRUCTION
SILT FENCE BARRIER	-	Inspect	Inspect	Clean/Replace	Remove
FABRICATED CONSTRUCTION ENTRANCE	Inspect	-	Inspect	Clean/Replace Stone and Fabric	Remove
DUST CONTROL	Inspect	-	Inspect	Maintain/ Spraying Water	N/A
REET PROTECTION	-	Inspect	Inspect	Clean/Repair/ Replace	Remove

\* Permanent vegetation is considered stabilized when 80% of the plant density is established. Erosion control measures shall remain in place until all disturbed areas are permanently stabilized. Note: The party responsible for implementation of the maintenance schedule during and after construction is the MAHOPAC POINT OWNERS ASSOCIATION. TAMARACK ROAD, MAHOPAC, NY 10541 and/or the current owner(s) of the subject property.

NO.	DATE	REVISION	BY
PROJECT: MAHOPAC POINT OWNERS ASSOC. DRAINAGE SYSTEM I SENeca ROAD, TOWN OF CAMEL, PUTNAM COUNTY, NEW YORK DRAWING: DETAILS			
PROJECT NUMBER	14186.100	PROJECT MANAGER	J.M.W.
DATE	11-2-18	DRAWN BY	S.V.W.
SCALE	AS SHOWN	CHECKED BY	J.M.P.
DRAWING NO.		SHEET	
D-1		3	