TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD

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

ENVIRONMENTAL CONSERVATION BOARD AGENDA

APRIL 6, 2017 – 7:30 P.M.

ELIGIBLE FOR A PERMIT

APPLICANT	ADDRESS	TAX MAP #	COMMENTS
1. Matsoukas, Ulysses	837 South Lake Blvd	75.43-1-27	Construct Stone Retaining Wall, Patio and Shed

EXTENSION OF WETLAND PERMIT

2. NYCDEP - Croton Falls Pumping Station	Croton Falls Road	77-2-2 & 88.1-1.1,1.2	Extend Wetland Permit #852

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

3. Stevens, Harry	103 Hill Street	64.18-1-23	Construct 3 Car Attached Garage

ESCROW RETURN

4. Vitello, Thomas	192 West Lake Blvd	64.19-1-78	20'x20' Beach Area & Patio

MISCELLANEOUS

5. Minutes – 12/01/16, 01/19/17, 03/02/17 & 03/16/17

NYC Environmental Protection

Vincent Sapienza, P.E.
Acting Commissioner

Paul D. Smith, P.E.
Portfolio Manager
Bureau of Engineering
Design and Construction
Psmith@dep.nyc.gov

BEDC Office Trailer
10 Walker Rd.
Valhalla, NY 10595
C: (917) 655-0446

March 21, 2017

Mr. Nicohlas Fannin
Vice Chairman Environmental Conservation Board
Town of Carmel
60 McAlpin Avenue
Mahopac, New York 10541
Attn: Rose Trombettqa ECB Secretary

Re: New York City Department of Environmental Protection
CRO-346CF Reconstruction of Croton Falls Pumping Station
Tax Map Number 72-2-7 & 88-1-1.1.1.2
Wetlands Permit Renewal Request

Dear Mr. Fannin:

On January 19, 2012, the Town of Carmel Environmental Conservation Board (the Board) granted the Wetlands permit for the referenced project. The permit was effective for one year, expiring on January 19, 2013. On December 4, 2014, the Board granted a two-year extension of this permit to January 19, 2017 (see attached correspondence).

Construction of Croton Falls Pumping Station, will continue through March 31, 2018. Therefore, the New York City Department of Environmental Protection respectfully requests a one year extension to this permit. Enclosed is a check for $50, the required fee for the permit extension.

Thank you in advance for your assistance with this project. Please send all correspondence to me at the address on this correspondence. Should you have any further questions, please contact, Mike Svoboda, Accountable Manager at 914-401-9035.

Sincerely,

Paul D. Smith, P.E.

Attachment

c: Mark Page, Jr. Director, BEPA
Mark Klein, Accountable Manager, BEDC
Mike Svoboda, Accountable Manager, BEDC

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APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Harry Stevens

Address of Applicant: 103 Hill st **Email:**

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

Property Address: 103 Hill St. Mahopac NY 10541 **Tax Map #** [redacted] 64.18-1-23
Agency Submitting Application if Applicable:
Location of Wetland: Front of house near road
Size of Work Section & Specific Location: 40 x 30 Attached to right side 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).

Removing of existing garage and black top and building an attached 3 car garage [redacted] 40x30

Proposed Start Date: 2017 **Anticipated Completion Date:** 2017 **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.

Harry Stevens
SIGNATURE

3/6/17
DATE

617.20
Appendix B
Short Environmental Assessment Form

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:
[redacted] Building attached garage

Project Location (describe, and attach a location map):
103 Hill St Mahopac, NY 10541 [redacted]

Brief Description of Proposed Action:
Removing existing garage and blacktop and building a 3 car garage.

Name of Applicant or Sponsor:	Telephone: 914-804-8886
Harry Stevens	E-Mail: HS7885@Verizon.net

Address:
103 Hill St [redacted]

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

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

3.a. Total acreage of the site of the proposed action? .0275 [redacted] acres
b. Total acreage to be physically disturbed? .0275 [redacted] acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

4. Check all land uses that occur on, adjoining and near the proposed action.
☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercial ☑ Residential (suburban)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____
☐ Parkland

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

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?		✓
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	✓	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	✓	
b. Are public transportation service(s) available at or near the site of the proposed action?	✓	
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	✓	
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:		✓
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: (well) None	✓	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: None	✓	
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?	✓	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?		✓
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____	✓	

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:
☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional
☑ Wetland ☐ Urban ☐ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	✓	
16. Is the project site located in the 100 year flood plain?	✓	
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? ☑ NO ☐ YES	✓	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: ☑ NO ☐ YES		

	NO	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: _____	✓	
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____	✓	
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____	✓	

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

Applicant/sponsor name: Harry Stevens Date: 3/8/17

Signature: _____

Part 2 - Impact Assessment. The Lead Agency is responsible for the completion of Part 2. 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?		
2. Will the proposed action result in a change in the use or intensity of use of land?		
3. Will the proposed action impair the character or quality of the existing community?		
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?		
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?		
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?		
7. Will the proposed action impact existing: a. public / private water supplies?		
b. public / private wastewater treatment utilities?		
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?		
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?		

Step By Step 40X30 Attached Garage

We will be removing the existing garage and part of the existing asphalt and building a 40X30 attached garage.

1. Put up a wire back silt fence in front of the wetlands.

2. We will be taking down the existing garage and disposing of it at Bria Carting.

3. We will cut the existing asphalt using a demo saw and remove it using our Bob Cat excavator which will be fully fueled off site before starting the project. We will put it in our truck and dump at Lawton Adams on Rte 100.

4. Next the area will be dug for the foundation and the cement floor will be poured.

5. Finally the 40X30 structure will be build on top of the foundation.

6. Their will be no gutters on the garage. If a rain garden is still necessary, we will make one 10ft from the back of the garage approximately 18ft x 18ft with a WQv of 300 to apply by Chapter 10 of the NYS DEC Design Manual.

6. We will have a spill kit for any fuel leakage. Their will be no refueling on site.

GARAGE ROOF RAINAGE STUDY
Harry Stevens - 103 Hill Street– Carmel (T)

25 Year Design Storm 6.0 in.
25 year Impervious C Factor CN 98 = 5.7
25 Year Existing C Factor CN 70 = 2.8
Soil Types (Hydrologic Group)
RdB – Ridgebury Loam 3-8% (C)
Proposed Garage Impervious surfaces – 1,200 square feet

IMPERVIOUS C FACTOR LESS EXISTING C FACTOR

CN_A = CN 98 - CN 70 = 5.7-2.8 = 2.9

In order to provide zero increase in runoff from the proposed development it is necessary to collect, detain and treat 2.9 inches of rainfall from proposed impervious surfaces.

WATER QUALITY VOLUME

WQv = P (RV)(A)/12
= 2.9 (.95) (1,200)/12
WQv = 276 CF

INCREASED RUNOFF FROM PROPOSED GARAGE IMPERVIOUS

It is proposed to treat the storm water from proposed garage impervious surfaces in a rain garden. The rain garden will be designed based upon 1200 square feet of impervious surfaces. The design of each rain garden is as follows:

Total Impervious area = 1,200 sf.
Treatment area; 1000 square feet at 100% impervious
Rain garden section: 12" soil (0.2 porosity), 6" drainage layer (0.4 porosity, 8" ponding depth 6"
Design storm: 2.9" of rainfall
Proposed Rain Garden Area : 312 square feet
WQV = (Rainfall in inches)(0.05 + (0.009)(% impervious))(treatment area)/12
WQV = (2.9)(0.05+(0.009)(100))(1200)/12

WQV = 276 cf

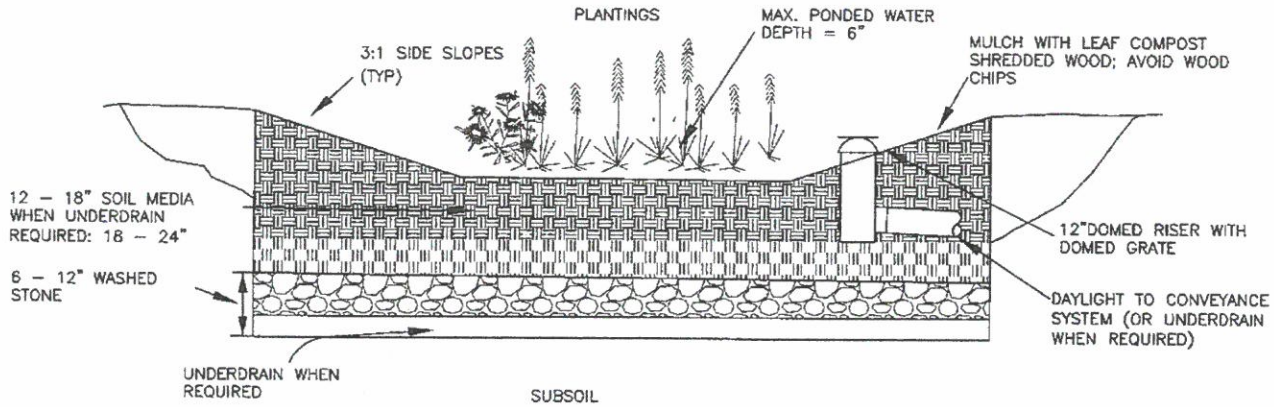
Soil Volume = (312 sq ft)(1 ft)(0.20) = 62.4cf

Drainage Layer Volume = (312 sq ft)(0.5 ft)(0.40) = 62.4 cf

Ponding volume = (312 sq ft)(0.5 ft) = 156 cf

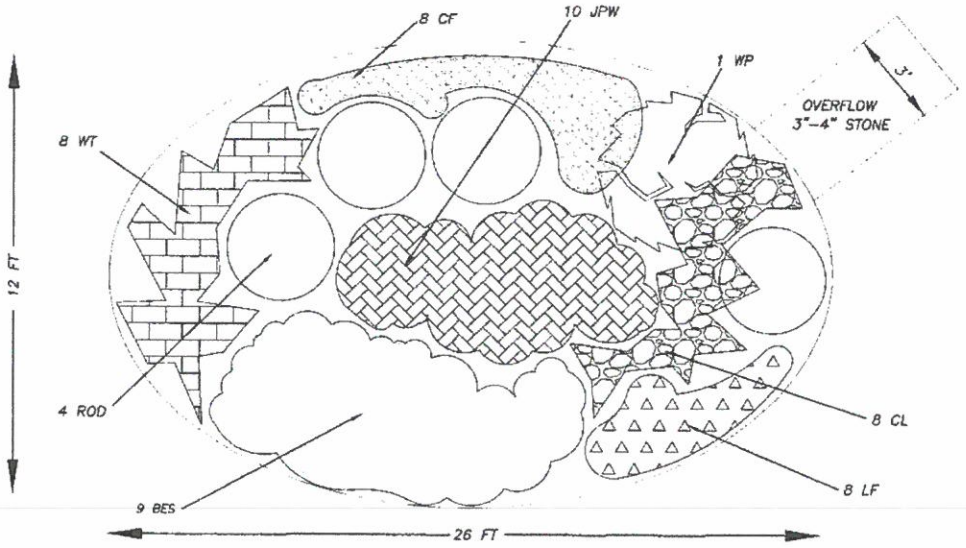
Total Treatment Volume = 62.4 + 62.4 + 156 = 281 cf > 276 cf

The rain garden will be sized at 26 x 12 ft (312 sf) .



PROFILE OF TYPICAL RAIN GARDEN

NTS



TYPICAL RAIN GARDEN PLANT LIST

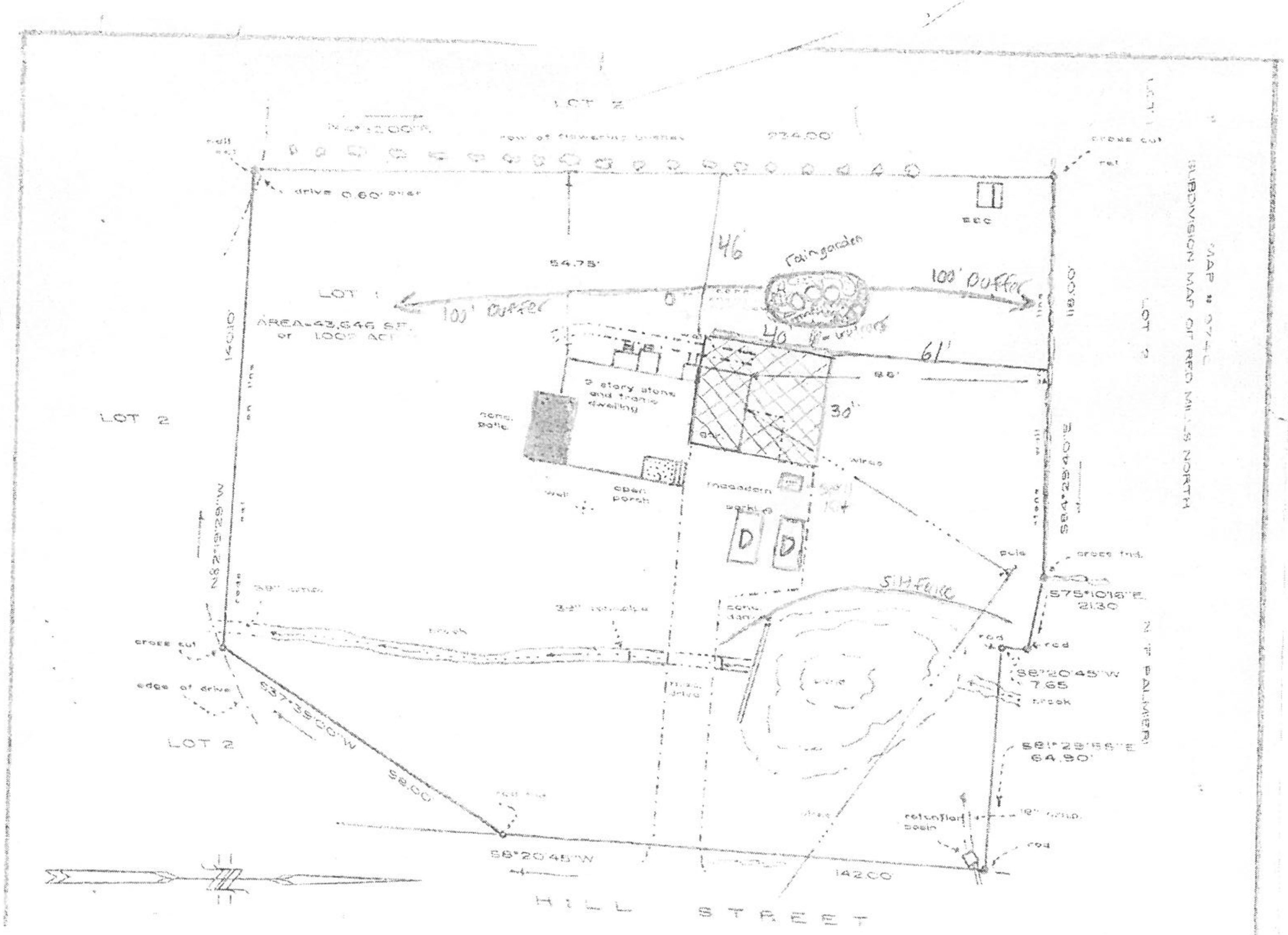
QNTY	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT
4	ROD	CORNUS SERICEA (RED–OSIER DOGWOOD)	2 GAL	CONT.
1	WH	HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL)	2'–3' HT.	B&B
8	LF	ATHYRIUM FLIX–FERMINA (LADY FERN)	1 GAL	CONT.
8	WT	CHELONE GLORBRA (WHITE TURTLEHEAD)	1 GAL	CONT.
10	JPW	EUPATORIUM MACULATUM (JOE–PYE WEED)	1 GAL	CONT.
8	CF	OSMUND CINNAMOMEA (CINNAMON FERN)	1 GAL	CONT.
9	BES	RUDBECKIA HIRTA (BLACK–EYED SUSAN)	1 GAL	CONT.
8	CL	VERNONIA NOVEBORGCENSIS (COMMON IRONWEED)	1 GAL	CONT.

RAIN GARDEN MAINTENANCE

WEEDING MUST BE PREFORMED FOR THE FIRST FEW YEARS. REMOVE WEEDS, INCLUDING THE ROOTS BY HAND. AFTER EACH GROWING SEASON, THE STEMS AND SEEDHEADS CAN BE LEFT FOR WINTER INTEREST, WILDLIFE COVER AND BIRD FOOD. IN THE SPRING CUT ALL TATTERED PLANTS BACK. HAND CUT THE LARGEST PLANTS. USE A STRING TRIMMER TO MOW THE PLANTING BACK TO A HEIGHT OF SIX OR EIGHT INCHES. DEAD PLANT MATERIAL CAN BE REMOVED WITH A STRING TRIMMER OR WEED WHACKER AND COMPOSTED OR DISPOSED OF AS APPROPRIATE.

INVASIVE SPECIES OF PLANTS SUCH AS BITTERSWEET VINE, MULTIFLORA ROSE, HONESUCKLE AND JAPANESE BARBERRY. THESE PLANTS SHOULD BE REMOVED BY VINE SEVERING, MOWING OR USE OF HERBICIDES, (ROUNDUP) WHERE APPROPRIATE AND ACCORDING TO LABEL REQUIREMENTS.

1=30'


LOT 2
234.00'
row of flowering bushes
54.75'
LOT 1
AREA=43,646 S.F.
or 1.002 AC.
46
raingarden
100' buffer
100' buffer
61'
30'
2 story stone and frame dwelling
open porch
well
raingarden
septic
D D
Silt Fence
pole
wires
LOT 2
LOT 2
LOT 3
brook
S37°39'00"W
58.00'
S8°20'45"W
142.00'
S75°10'16"E
21.30'
S8°20'45"W
7.65
S81°29'56"E
64.90'
S84°29'40"E
118.00'
N82°19'29"W
140.10'
edge of drive
cross cut
rod
retention basin
brook
N/F PALMER
HILL STREET
MAP # 3742
SUBDIVISION MAP OF RED MILLS NORTH

Richard J.Franzetti, P.E.
Town Engineer

(845) 628-1500
(845) 628-2087
Fax (845) 628-7085

Office of the Town Engineer
60 McAlpin Avenue
Mahopac, New York 10541

MEMORANDUM

To: Environmental Conservation Board

From: Richard J. Franzetti P.E. Town Engineer (RJF)

Date: April 5, 2017

Re: 192 West Lake - 64.19-1-78 Vitello – Escrow Return

In response to the attached request by the above applicant, a representative of the Engineering Department (Department) performed a field inspection of the referenced property on April 4, 2017 to evaluate the current status of the site construction, for the purpose of determining whether a bond return was warranted.

All of the site improvements required pursuant to the Environmental Board approval have now been completed and the escrow can be returned.

I trust that this is adequate for your needs. If you have any questions, please don't hesitate to contact me.