ROBERT LAGA
Chairman

NICHOLAS FANIN
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
John Starace

ENVIRONMENTAL CONSERVATION BOARD AGENDA

FEBRUARY 2, 2017 – 7:30 P.M.

ELIGIBLE FOR A PERMIT

APPLICANT	ADDRESS	TAX MAP #	COMMENTS
1. Retreat at Carmel HOA c/o First Service Residential	Blair Heights/ Langdon Grove	55.14-1-11.2	Install New Fence

EXTENSION OF WETLAND PERMIT

2. Frenkel, Robert	43 Tamarack Road	75.8-2-20	Replace & Expand Existing Boathouse

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

3. Topal, Ronald	751 South Lake Blvd	75.42-1-19	Construct Addition
4. Matsoukas, Ulysses	837 South Lake Blvd	75.43-1-27	Construct Stone Retaining Wall, Patio and Shed
5. 70 Old Route 6 (Formerly Tompkins Recycling)	60 Old Route 6	55.11-1-15	Re-development of Existing Property

MISCELLANEOUS

6. Minutes – 12/01/16, 01/05/17 & 01/19/17

Retreat at Carmel Condominium
Homeowners Association
11 Dickinson Place
Carmel NY 10512

January 17, 2017

Robert Laga, Chair
Environmental Conservation Board
Town of Carmel
60 McAlpin Avenue
Mahopac NY 10541

Re: Application for Approval of a Fence Between the Retreat at Carmel Condominium and Arms Acres

Dear Sir:

Robert Fletcher, Chair of the Community Watch Committee of the Retreat at Carmel Homeowners Association (the "HOA") represents the HOA in connection with the HOA's application to the Environmental Conservation Board ("ECB") for approval of a fence between the Retreat at Carmel Condominium and the bordering Arm's Acres property.

Mr. Fletcher has advised us that at its most recent meeting the ECB requested a letter from the HOA agreeing to certain construction practices in connection with the installation of the fence. Accordingly, the HOA hereby agrees to adhere to the following practices during construction of the fence should it be approved:

- No heavy equipment, trucks or other vehicles will be permitted in the buffer area during the removal of the existing fence and installation of the new fence.
- All materials will be transported to and from the installation site by wheel barrow or similar soft-wheeled, hand operated device.
- Post-holes will be dug by hand using a manual post-hole digger and/or a gasoline operated, hand held post-hole digger.
- All dirt generated from the digging of the post-holes will be removed completely from the buffer area.

Further, the HOA agrees to inform the contractor of the foregoing practices, to incorporate them into a written agreement with the contractor, and to
require the contractor to provide all necessary certificates of insurance prior to the commencement of work.

Respectfully,

Jack Bell
HOA Board Member
Jbell65874@aol.com

CC: By Hand
Anthony Dusovic, Vice-Chair
Edward Barnett
Nicholas Fannin
John Starace
Vince Turano
Rose Trombetta

Robert Frenkel
43 Tamarack Road
Mahopac, NY 10541

January 23, 2016

Chairman Robert Laga and Members of the
Town of Carmel Environmental Conservation Board
60 McAlpin Avenue
Mahopac, New York 10541

Subject: Request for Extension of Wetland Permit #909

Dear Sirs/Madams:

You were previously kind enough to grant me a Wetland Permit relating to replacement and expansion of a boathouse and repair work to the seawall and concrete dock, all at my home at 43 Tamarack Road. I believe this permit expires on March 3, 2017. Although much work has been completed, we have been experiencing delays and I therefore respectfully request that you grant me an extension of my Wetlands Permit.

Thank you for your courtesy and understanding.

Robert Frenkel

ROBERT LAGA
Chairman

ROSE TROMBETTA
Secretary

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ENVIRONMENTAL CONSERVATION BOARD

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BOARD MEMBERS

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Nicholas Fannin
John Starace

APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Ronald Topal
140 Riverside Dr. Apt 11A
Address of Applicant: New York, NY10024 **Email:**

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

Property Address: 751 South Lake Blvd **Tax Map #** 75.42-1-19
Agency Submitting Application if Applicable:
Location of Wetland: Lake Mahopac
Size of Work Section & Specific Location: Addition Cantilivered over lake
Will Project Utilize State Owned Lands? If Yes, Specify: Yes Lake Mahopac

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).
None

Proposed Start Date: 10/15/16 **Anticipated Completion Date:** 12/31/16 **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

8/29/16
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:
Ronald Topol

Project Location (describe, and attach a location map):
751 South Lake B'lvd

Brief Description of Proposed Action:
Addition to existing House

Name of Applicant or Sponsor:	Telephone:
Ronald Topol	E-Mail:

Address:
140 Riverside Drive

City/PO:	State:	Zip Code:
New York	NY	10024

	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: Carmel ZBA & Bldg. Dept.	☐	☑

3.a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ 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: _____	☐	☑
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____	☐	☑
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		

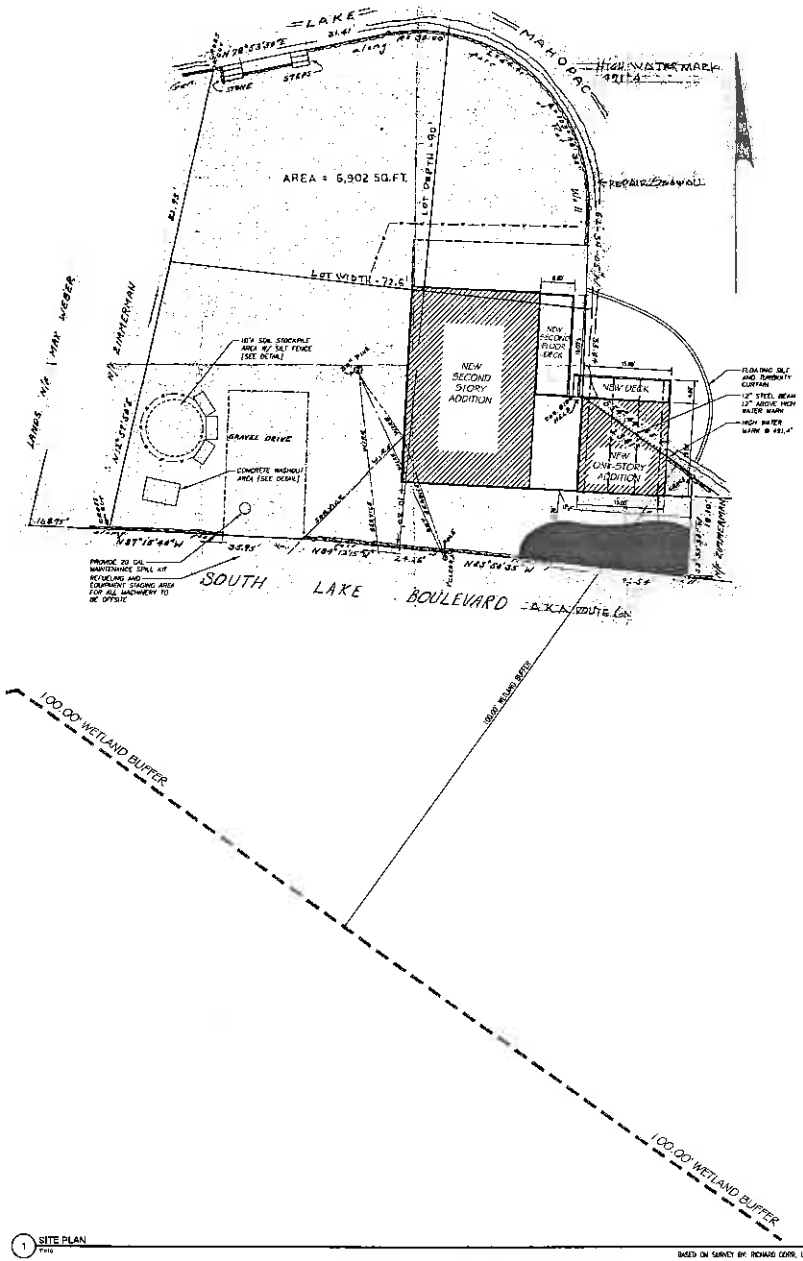
	NO	YES
18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size:	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an 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: Ronald Topol Date: 8/29/16

Signature: Joe Greenberg Project Architect

PRINT FORM



1 SITE PLAN
Plan

BASED ON SURVEY BY RICHARD CORR, LS - JUNE 18, 1966

ZONING COMPLIANCE

ZONING PROVISION	REQUIRED	EXISTING	PROPOSED	VARIANCE
LOT AREA	120,000 SF	6,902 SF	6,902 SF	113,098 SF
LOT WIDTH	200 FT.	72.5 FT	72.5 FT.	127.5 FT.
LOT DEPTH	200 FT.	90 FT.	90 FT	110 FT.
FRONT YARD	25 FT.	10.8 FT.	10.8 FT.	14.2 FT
SIDE YARD	10 FT.	20 FT.	5 FT.	5 FT.
REAR YARD	15 FT.	0 FT.	0 FT.	15 FT.
HEIGHT	35 FT	18 FT	18 FT.	NONE

SITE DATA NOTES

1. PROPERTY OWNER:	DR. RONALD TOPOL
2. PROPERTY LOCATION:	751 SOUTH LAKE BLVD., MAHOPAC, NY 10541
3. ZONE:	R-120
4. PROPOSED USE:	ADDITION TO EXIST. HOUSE INCLUDING A NEW DECK
5. TAX MAP NO:	75.42-1-19
6. WATER/SEWER:	ON SITE WELL/SEPTIC
7. OWNER'S ADDRESS:	140 RIVERSIDE DRIVE APT. 11A NEW YORK, NY 10024

RAIN GARDEN CALCULATIONS

- DRAINAGE AREA: 1,033 SQFT
- DISTANCE TO GARDEN: LESS THAN 30 FT
- SOIL TYPE: PAXTON COMPLEX PAB
- GARDEN DEPTH: 6 IN.
- CALCULATION:

P= 3.1in (RAINFALL @ ⊕ 90%)
RV= 0.05 + 0.009(100)=0.95
A= 1,033 SQFT (AREA OF DRAINAGE)
WQV= WATER QUALITY VOLUME

$$WQV = \frac{(P)(RV)(A)}{12} = \frac{(3.1)(0.95)(1,033)}{12} = 253.52\ FT^3$$

ARG= 220 SQFT (RAIN GARDEN AREA)
DSM= 1.5 FT (SOIL MEDIA DEPTH)
PSM= 0.20 (SOIL MEDIA POROSITY)
VSM= SOIL MEDIA VOLUME

$$VSM = (ARG)(DSM)(PSM) = (220SQFT)(1.5FT)(0.20) = 66.0\ FT^3$$

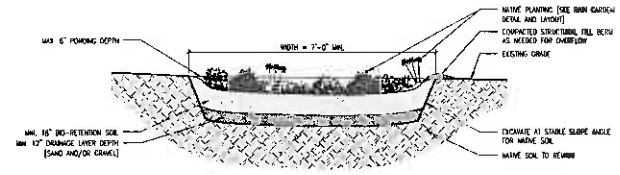
DDL= 1.0 FT (DRAINAGE LAYER DEPTH)
PDL= 0.40 (DRAINAGE LAYER POROSITY)
VDL= DRAINAGE LAYER VOLUME

$$VDL = (ARG)(DDL)(PDL) = (220SQFT)(1.0FT)(0.40) = 88.0\ FT^3$$

PD= 0.5 FT (PONDING DEPTH)

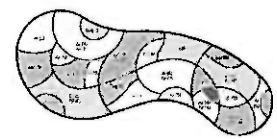
$$WQV \le VSM+VDL+(PD*ARG) = 253.52FT^3 \le 66.0FT^3+88.0FT^3+(0.5FT*220SQFT)$$
$$253.52\ FT^3 \le 264.0\ FT^3$$

THEREFORE, THE RAIN GARDEN AREA OF 220.0 SQFT IS SUFFICIENT. ALL UNDERGROUND PIPING WILL BE 6" PVC



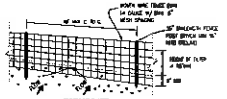
RAIN GARDEN PROFILE
NOT TO SCALE

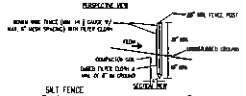
full to partial shade with silty or sandy soils



Symbol	Common Name	Botanical Name	No. of Plants
[illegible]	[illegible]	[illegible]	17
[illegible]	[illegible]	[illegible]	2
[illegible]	[illegible]	[illegible]	2
[illegible]	[illegible]	[illegible]	7
[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	5
[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	17
[illegible]	[illegible]	[illegible]	11
[illegible]	[illegible]	[illegible]	12
[illegible]	[illegible]	[illegible]	10
[illegible]	[illegible]	[illegible]	3
[illegible]	[illegible]	[illegible]	14
		Total Plants Required	43

RAIN GARDEN DETAIL AND LAYOUT
NOT TO SCALE





SILT FENCE
NOT TO SCALE

CONSTRUCTION SEQUENCE

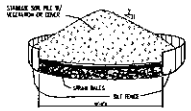
1. INSTALL WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE 36" IN HEIGHT, 14 GAUGE WIRE, MIN.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE WIRE, MIN.
3. PROVIDE MIN. 12" OF FILTER CLOTH IN A FLAP ON THE UPHILL SIDE OF THE FENCE. ANCHOR THE FLAP IN A TRENCH. TRENCH SHALL BE 6" DEEP AND 6" WIDE. BACKFILL THE TRENCH WITH COMPACTED SOIL. SPACE POSTS A MAXIMUM OF 10 FEET APART. POSTS SHALL BE 36" MIN. IN LENGTH, 1.33 LBS/LINEAR FOOT, STANDARD T SECTION OR APPROVED EQUIVALENT.
4. INSPECTION TO INSURE THAT THE FENCE IS IN GOOD CONDITION AND THAT THE FILTER CLOTH IS NOT TORN OR DAMAGED SHALL BE MADE DAILY.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGE" DEVELOPS IN THE SILT FENCE.

SEQUENCE OF CONSTRUCTION

1.) INSTALL SILT FENCING AS SHOWN ON SITE PLAN. NOTIFY WETLAND INSPECTOR UPON INSTALLATION COMPLETION.
2.) CLEAR AREA WHERE CONSTRUCTION IS PROPOSED.
3.) CONSTRUCT RAIN GARDEN AND BERM.
4.) CONSTRUCT ADDITION AND DECK.
5.) INSTALL RAIN GARDEN PLANTINGS.
6.) CONNECT ROOF DRAINS TO RAIN GARDEN.
7.) CLEAN SITE OF ALL MATERIALS AND SEED LAWN AS NECESSARY.

NOTES:

1. WETLAND INSPECTOR TO BE NOTIFIED UPON COMPLETION OF RAIN GARDEN AND SILT FENCE INSTALLATION, IN ORDER TO PERFORM INSPECTION.
2. THE MAINTENANCE OF THE STORMWATER FEATURES WILL CONFORM TO THE DEP SCHED MAINTENANCE AGREEMENT
3. ALL EQUIPMENT TO BE DONE OFF SITE



SOIL STOCKPILING DETAIL
NOT TO SCALE

NOTES:

1. AREA CHOSEN FOR STOCKPILE OPERATION SHALL BE DRY AND STABLE
2. SOIL STOCKPILE MADE UP OF SOIL PILE SHALL BE 3:1
3. UPON COMPLETION OF SOIL STOCKPILE, EACH PILE SHALL BE STABILIZED WITH SILT FENCE OR STRAWBALE. THEN STABILIZED WITH VEGETATION OR COVERED

ARCHITECTURAL VISIONS PLLC
ARCHITECTURE · INTERIOR DESIGN · DESIGN
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MAHOPAC NY, 10541
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RONALD TOPAL

PROJECT ADDRESS
751 SOUTH LAKE BLVD.
MAHOPAC, NY 10541

MAILING ADDRESS
140 RIVERSIDE DRIVE APT. 11A
NEW YORK, NY 10024

TAX MAP NO. 75.42-1-19

SITE PLAN AND DETAILS

ISSUANCE

[illegible]	[illegible]
[illegible]	[illegible]

SCALE
AS NOTED

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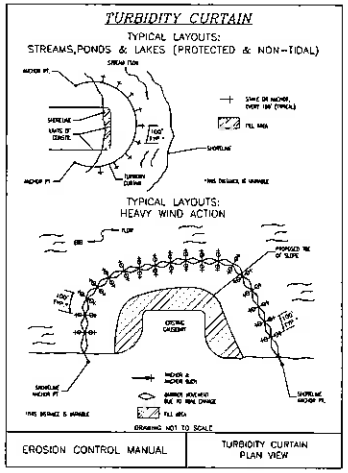
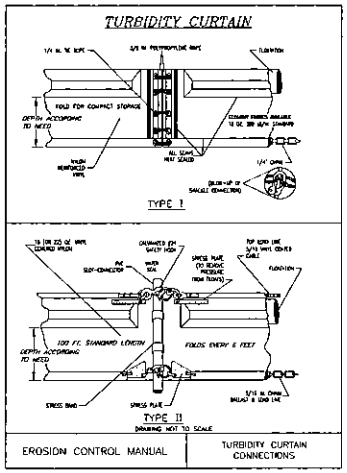
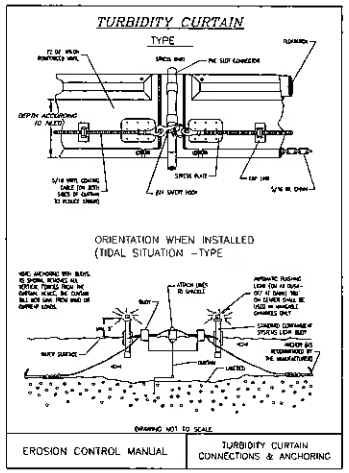
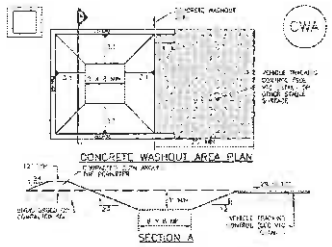
PROJECT NO.
03-16-016

AS-100









CWA-1 CONCRETE WASHOUT AREA

CONSTRUCTION NOTES

1. SET PLAN OUT FOR [illegible]

2. DO NOT DRAIN OR DISCHARGE TO SURFACE [illegible] WATERBODY. DO NOT SCALE WITHIN [illegible] OF ANY WELLS OR DRINKING WATER SOURCES. IF THE CONCRETE WASH TRUCK INACCESSIBLE, OR IF HEAVY PERMANENT SLAB EXISTS ON SITE, THE [illegible] BE PLACED WITH AN IMPERMEABLE LINER [illegible] AND PREFERRED [illegible] AT MINIMUM [illegible] A [illegible] THE WASH TRUCK.

3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.

4. [illegible] AT LEAST 8' BY 8' SQUARE [illegible] THE BOTTOM OF THE [illegible] BE AT LEAST 2' DEEP.

5. [illegible] MINIMUM OF 24" [illegible]

6. [illegible] ON TRAILERS [illegible]

7. [illegible] AT THE CONSTRUCTION ENTRANCE AT THE END AND ASSURE THE [illegible] TO CLEARLY INDICATE THE LOCATION OF THE CWA TO [illegible]

8. [illegible] MATERIAL [illegible]

ARCHITECTURAL VISIONS INC
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MAILING ADDRESS
148 RIVER SIDE DRIVE APT. 19A
NEW YORK, NY 10024

TAX MAP NO. 75.43-1-1.1

SITE DETAILS

ISSUANCE

SCALE
AS NOTED

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MAP / JAJO

PROJECT NO.
03-15-036

AS-101

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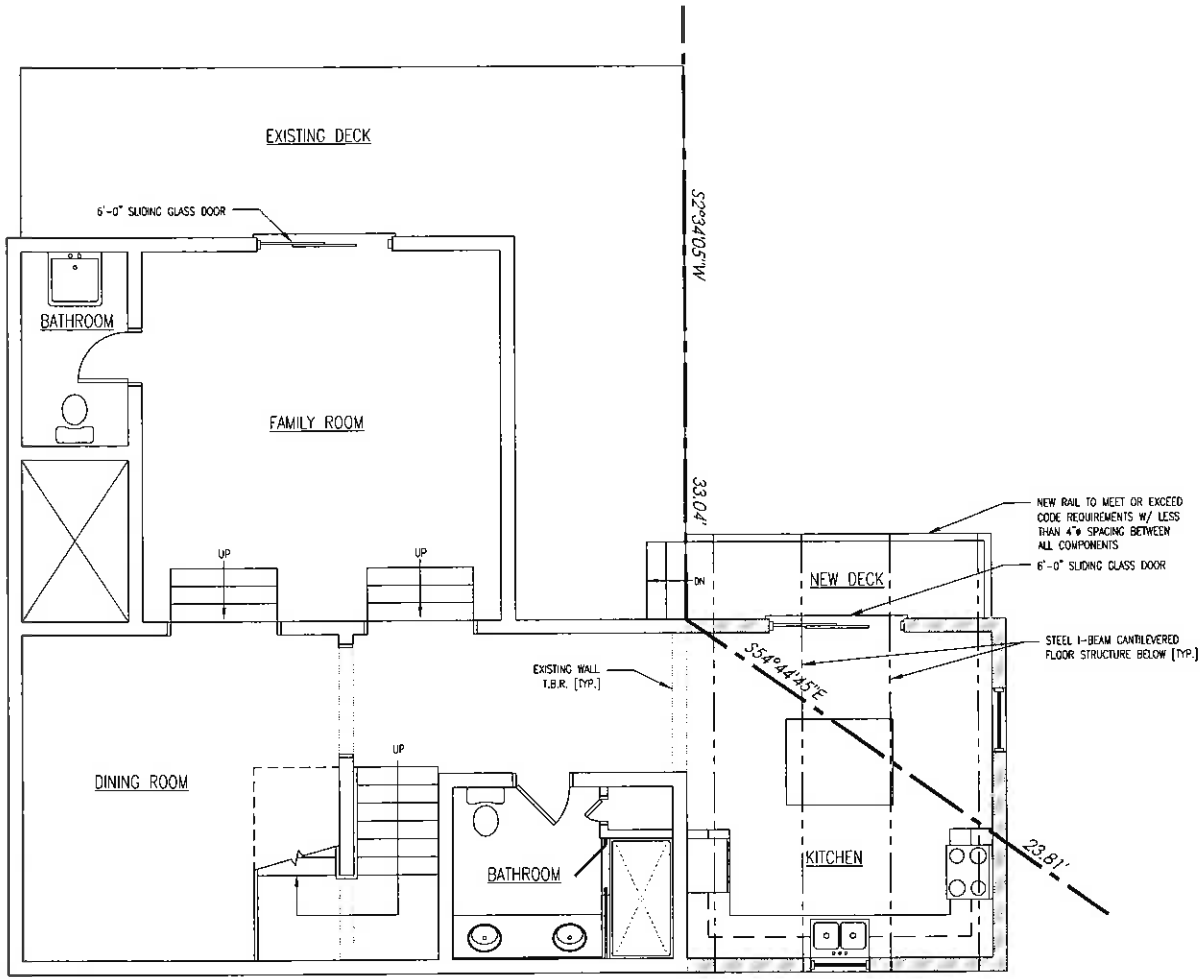

1 FIRST AND SECOND FLOOR PLAN
1/4" = 1'-0"

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MAHOPAC, NY 10541

MAILING ADDRESS
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NYC, NY 10024

TAX MAP NO. 75.42-1-19

FIRST FLOOR PLAN

ISSUANCE	DATE
FOR REVIEW	3-AUG-16
FOR REVIEW	7-NOV-16
FOR REVIEW	25-JAN-17
FOR REVIEW	31-JAN-17

SCALE
AS NOTED

DRAWN BY/CHKD BY
NAF / - /JLG

PROJECT NO.
03-16-036

A-101

IT IS A VIOLATION OF STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM ON THESE PLANS AND/OR DOCUMENTS IN ANY WAY. UPON STATE LAW, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS/HER ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. THE ARCHITECT DENIES ANY AND ALL RESPONSIBILITY FOR ALTERATIONS OF THESE PLANS AND DOCUMENTS BY OTHERS AND EXPRESSLY DENIES PERMISSION TO OTHERS TO ALTER THESE PLANS AND DOCUMENTS.

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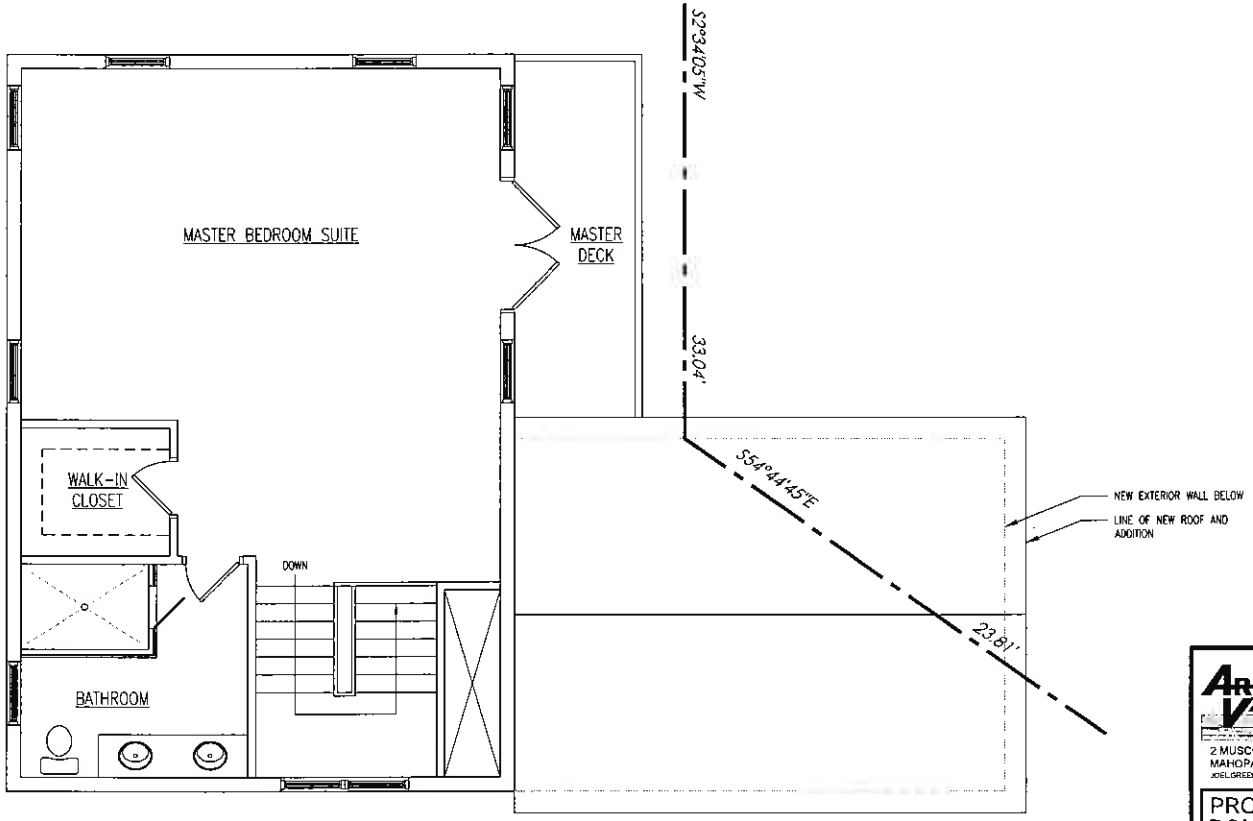

1 SECOND FLOOR PLAN
1/4" = 1'-0"

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751 SOUTH LAKE BLVD.
MAHOPAC, NY 10541

MAILING ADDRESS
140 RIVERSIDE DRIVE APT. 11A
NEW YORK, NY 10024

TAX MAP NO. 75.42-1-19

SECOND FLOOR PLAN

ISSUANCE	DATE
FOR REVIEW	7-NOV-16
FOR REVIEW	25-JAN-17
FOR REVIEW	31-JAN-17

SCALE
AS NOTED

DRAWN BY/CHKD BY
NAF / - /JLG

PROJECT NO.
03-16-036

A-102

IT IS A VIOLATION OF STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM ON THESE PLANS AND DOCUMENTS IN ANY WAY. PER STATE LAW, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS/HER ITEM, THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. THE ARCHITECT DENIES ANY AND ALL RESPONSIBILITY FOR ALTERATIONS OF THESE PLANS AND DOCUMENTS BY OTHERS AND EXPRESSLY DENIES PERMISSION TO OTHERS TO ALTER THESE PLANS AND DOCUMENTS.

ROBERT LAGA
Chairman

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

Vincent Turano
Nicholas Fannin
John Starace

APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Ulysses Matsoukas

Address of Applicant: 230 Creamery Road Hopewell Junct. **Email:**

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

Property Address: 837 Southlake Boulevard **Tax Map #** 75.43.1.27
Agency Submitting Application if Applicable: n/a
Location of Wetland: Lake Mahopac
Size of Work Section & Specific Location: 1200 sq ft
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).

Construction of an approximately 32 ft by 36" max height stone retaining wall and installation of an approximately 15 ft by 10 ft permeable paver patio.

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

Ulysses Matsoukas
SIGNATURE

1/17/2017
DATE

PROJECT NARRATIVE

1/17, 2018~~7~~

1/17, 2018~~7~~
RE: Matsoukas
Wetland Permit
837 East Lake Boulevard
Tax Map No. 75.43-1-27

Existing Conditions

The subject property is owned by Ulysess V. Matsoukas and Gina M. Matsoukas and is located at 837 South Lake Boulevard in the Town of Carmel. The property fronts Lake Mahopac on it's northeastern side and is delineated by an existing stonewall. There is a stone retaining wall located on the southern portion of the property. The proposed erosion and sediment control is a wire backed silt fence running from the eastern property line to the western property line. The silt fence shall continue southwest along the property line to the southern property line.

Proposed Conditions

The owners wish to construct a property improvement of a stone retaining wall at a maximum height of approximately thirty six inches. The proposed wall is to run approximately thirty two feet from the western property line southeast with an approximate southern return of eight feet. The owners wish to construct a fifteen foot by twenty foot permeable paver patio and install an eight foot by twelve foot storage shed. All construction is to be done by hand with as little disturbance as possible to the existing property. The proposed improvement is not anticipated to have any adverse impacts to Lake Mahopac, the surrounding wildlife habitat, or any subsurface water resources. An erosion and sediment control shall be in place to control runoff during construction. The proposed construction completion time is approximately seven days.

Respectfully,

Ulysses V. Matsoukas-Owner/Applicant

Gina M. Matsoukas-Owner/Applicant
230 Creamery Road
Hopewell Junction, NY 12533

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

1/17, 2017

RE: Matsoukas
Wetland Permit
837 East Lake Boulevard
Tax Map No. 75.43-1-27

Dear Chairman Laga and Members of the Board:

Enclosed are four(4) copies of the following:

- Application for Wetland Permit, dated November 28,2016
- Short Environmental Assessment Form, date 1/17, 2017
- Area(Location) Map
- Drawing "Site Plan"
- Application Fee in the amount of $225.00 (Check no. 154), dated 1/17, 2017
- Copy of the Deed

The enclosed documents are being respectfully submitted in support of a wetland Permit for a minor project pertaining to the construction of a stone retaining wall, a permeable paver patio, and a 8ftX12ft shed at the above listed property. The proposed improvement is located within the 100' Buffer Area of Lake Mahopac. All construction within the property is proposed to be completed by hand. We respectfully request this project be placed on the 3/2, 2017 Environmental Conservation Board agenda for discussion of the Wetland Permit.

Respectfully,

Ulysses V. Matsoukas-Owner/Applicant

Gina M. Matsoukas-Owner/Applicant
230 Creamery Road
Hopewell Junction, NY 12533

Putnam County Consumer Affairs
110 Old Route 6, Building #3, Carmel, New York 10512
Phone No. 845-808-1617 EXT 46024

8/15/2016

Dear Scott Honigsberg,

Enclosed is your Putnam County Home Improvement ID Card and Certificate. Please notify this office of any changes made to your name, address or business information.

This card and Certificate will expire 7/31/2018.

If you have any questions, please do not hesitate to call our office.

Linda DiBella
Consumer Services Assistant/Home Improvement

Scott Honigsberg
Eastern Jungle Gym, Inc.
30 Commerce Drive
Carmel, NY 10512

Please Remove This Card And Keep It With You On All Putnam County Job Sites

Putnam County New York
Registered Home Improvement Contractor

Eastern Jungle Gym, Inc.
Scott Honigsberg
30 Commerce Drive
Carmel, NY 10512
(845) 878-9800

PC #
PC6714

Valid Until
7/31/2018

110 Old Route 6, Bldg 3, Carmel NY 845-808-1617

REGISTERED HOME IMPROVEMENT CONTRACTOR
PUTNAM COUNTY NEW YORK

Eastern Jungle Gym, Inc.

Eastern Jungle Gym, Inc.
30 Commerce Drive Carmel, NY 10512

is hereby duly registered according to the provisions of Putnam County Code - Chapter 135 - to engage in business as a Home Improvement Contractor within the following specialties:

Miscellaneous Home Improvement Projects *Installation & Repair of Sheds/Garages/Pole Buildings*

Within the County of Putnam, State of New York.
This registration is non-transferable.

Putnam County Registered Home Improvement Contractor Number: **PC6714**

I hereby certify that the foregoing is a true copy.

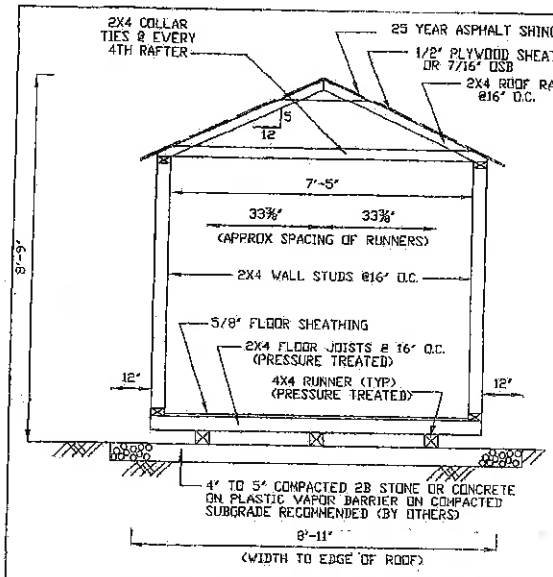
PUTNAM COUNTY DEPARTMENT OF CONSUMER AFFAIRS
110 Old Route 6, Carmel, NY 10512

Date
Monday, August 15, 2016

Attested

Michael Budzinski, PE
Director

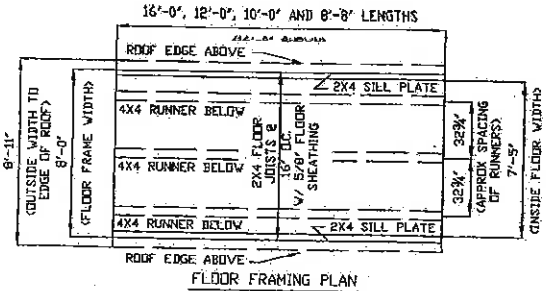
This Registration Expires On 7/31/2018



TYPICAL SECTION 8 FEET WIDE HEAVY DUTY PEAK STYLE STORAGE BUILDING

SCALE 1/2" = 1'-0"

HEAVY DUTY PEAK STYLE STORAGE BUILDINGS NOMINAL SIZES
8X16
8X12
8X10
8X8

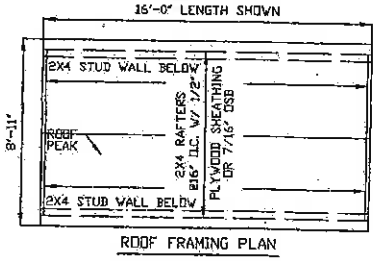


FLOOR FRAMING PLAN

SCALE 1/4" = 1'-0"

STRUCTURAL GENERAL NOTES:

1. All work shall comply with International Building Code/2003 and all Federal, State and Municipalities having jurisdiction over the work.
2. The International Building Code/2003 was followed in the structural design.
3. The timber construction shall be in accordance with the American Institute of Timber Construction and the International Building Code/2003.
4. Plywood shall conform to the American Plywood Association.
5. The grade of lumber is to be spruce pine fir No. 2 or better.
6. Connections of wood members and nailing shall conform to the International Building Code/2003 "Fastening Schedule"
7. Pine Creek and the Structural Engineer are not responsible for the design and preparation of the foundation material supporting the storage sheds. See detail for recommended support.



ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"

ENGINEER'S SEAL	THRONE ENGINEERING CONSULTING STRUCTURAL ENGINEER			
	143 BASIN HILL ROAD DUNCANNON, PA 17020-9649 PHONE- (717)834-9022 FAX- (717)834-9099			
	EMAIL - jthrone13@earthlink.net			
	PINE CREEK STRUCTURES STORAGE BUILDING			
	PEAK STYLE 8 FEET WIDE DETAILS			
CERTIFIED CORRECT	DATE 1-13-05	JOB NO. 0120040	DRWN. CHKD. J. THRONE	S-1

AREA MAP

PROJECT: Matsoukas

Project Address:

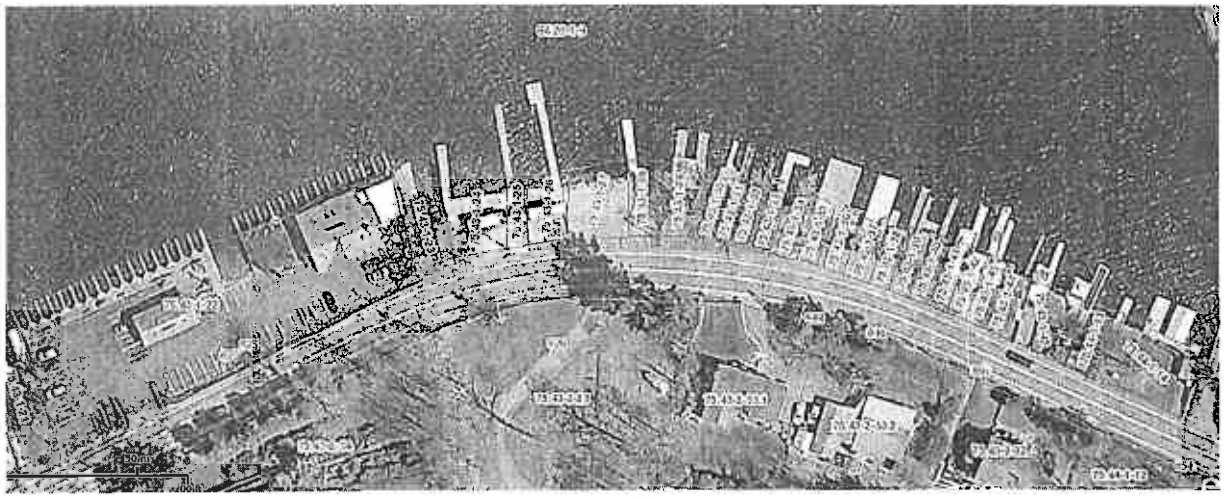
837 South Lake Boulevard

Mahopac NY 10541

Tax Map No: 75.43 -1-27

SITE LOCATION

SITE LOCATION



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
Ulysses & Gina Matsoukas

Name of Action or Project:
Wetland Permit for the construction of a stone wall, permiable paver patio, and 10ftX12ft shed.

Project Location (describe, and attach a location map):
837 South Lake Boulevard, Town of Carmel. TAX MAP# 75.43.1.27

Brief Description of Proposed Action:
Contruct an approximately 32ft by 36"maximum height stone retaining wall. Construct a 15ft by 20ft permiable paver patio. Construct a 10ft by 12ft wooden storage shed.

Name of Applicant or Sponsor:	Telephone:
Ulysses Matsoukas Gina Matsoukas	E-Mail:

Address:
230 Creamery Road

City/PO:	State:	Zip Code:
Hopewell JUnction	New York	12533

	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: Town of Carmel Zoning Board	☐	☑

3.a. Total acreage of the site of the proposed action? .10 acres
b. Total acreage to be physically disturbed? .03 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? .10 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: _____	☑	☐
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____	☑	☐
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

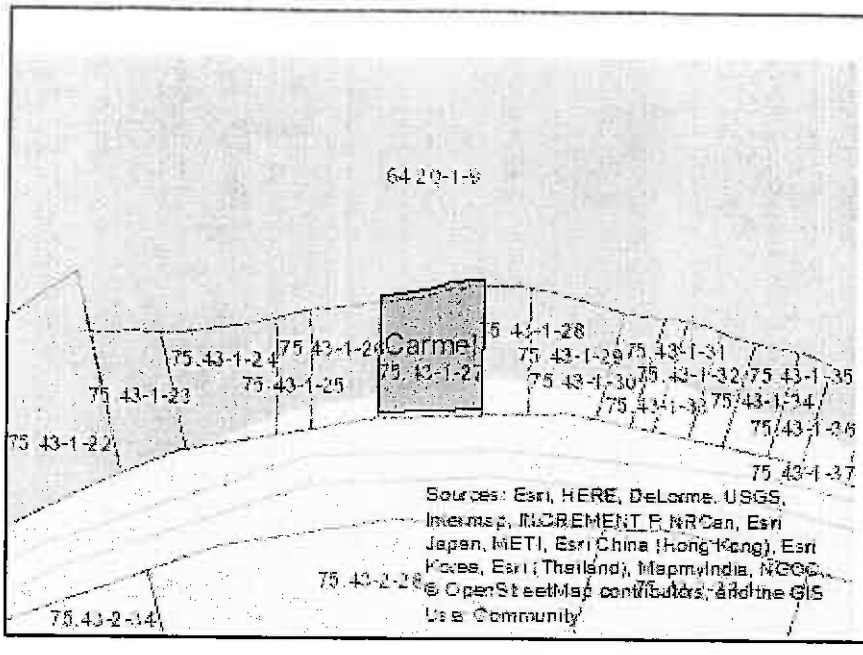
Applicant/sponsor name: Ulysses Matsoukas Date: 1/17/17

Signature:

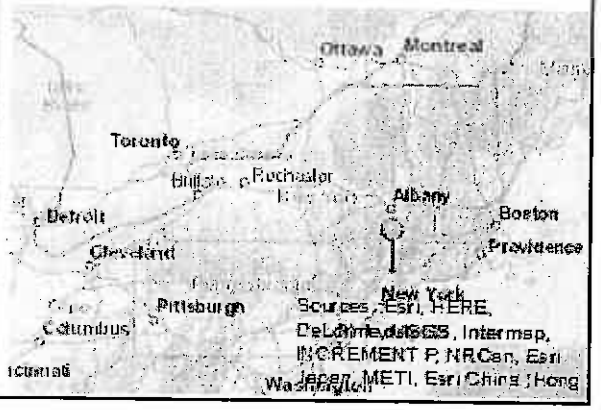
PRINT FORM

EAF Mapper Summary Report

Tuesday, November 22, 2016 11:39 AM



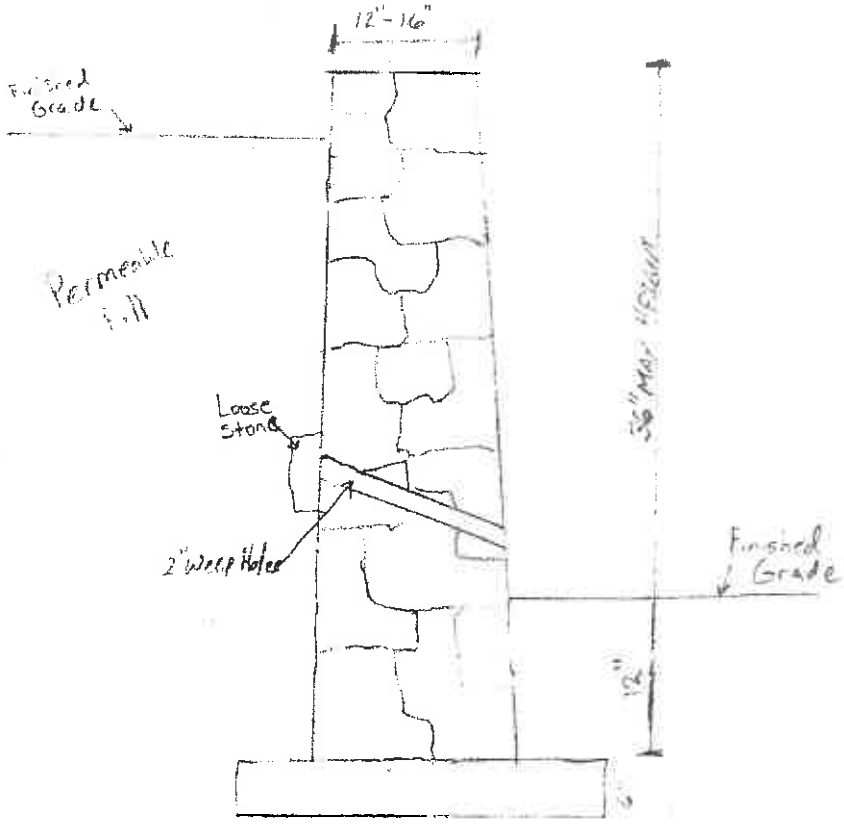
Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the 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]	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 16 [100 Year Flood Plain]	Yes
Part 1 / Question 20 [Remediation Site]	Yes

Finished Example

Stone Retaining Wall



CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT-THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the **16th** day of **June** **2016,**

BETWEEN

GINA MARTINI AND HENRY D'ONOFRIO
residing at, **400 SW 14th Place, Boca Raton, FL 33432**

party of the first part, and

ULYSSES V. MATSOUKAS AND GINA M. MATSOUKAS, husband + wife
residing at, **230 Creamery Road, Hopewell Junction, New York 12533**

party of the second part,
WITNESSETH, that the party of the first part, in consideration of
ONE DOLLAR ($1.00) dollars paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the **Town/City of Carmel, County of Putnam, State of New York**

SEE SCHEDULE "A" ATTACHED HERETO AND MADE A PART HEREOF.

Being the same premises conveyed to the Grantor herein by deed dated 2/25/08 and Recorded 5/19/08 in Liber 1803 at Page 165 of the Putnam County Clerk's office

S/B/L	**75.43-1-27**
COUNTY OR TOWN	**Town of Carmel**
STREET ADDRESS	**837 South Lake Blvd.**
	Mahopac, NY 10541

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

ALL that certain plot, piece or parcel of land, with the buildings end improvements thereon erected, situate, lying and being in the Town of Carmel, County of Putnam and State of New York, being mere particularly bounded and described as follows:

PARCEL1

BEGINNING at a point on the southerly side of South Lake Boulevard (US Route 6N, as widened), at the northeasterly corner of lands now or formerly of Restivo formerly Schroeder;

RUNNING THENCE along lands formerly of Restivo. South 4 degree 08 minutes 00 seconds west 218.69 feet to the northerly side at Senior Avenue:

RUNNING THENCE along the northerly side of Senior Avenue, South 68 degrees 41 minutes 50 seconds East 69.56 feet to a point;

RUNNING THENCE along lands now or formerly of Burke & continuing along lands now or formerly or Reichbach, North 31 degrees 14 minutes 46 seconds East 255.80 feet to the southerly side of South Lake Boulevard;

RUNNING THENCE along the southerly side of line of South Lake Boulevard the following courses and distances:

North 70 degrees 30 minutes 60 seconds West 87.37 foot;
South 18 degrees 28 minutes 14 seconds West 8 feet;
North 79 degrees 21 minutes 50 seconds West 58 feet
South 89 degrees 67 minutes 00 seconds West 57 feet to the point or place of BEGINNING.

PARCEL II

BEGINNING at a point or place on the northerly side of Lake Boulevard (US Route 6N) at the southeasterly corner of lands now or formerly of Herman and Samuel Bernstein:

RUNNING THENCE along the easterly line of lands now or formerly of Berstein, North 1 degree 48 minutes 25 seconds East 42 feet to the store of Lake Mahopac;

RUNNING THENCE along the shore of Lake Mahopac and along a wall, South

Continued On Next Page

84 degrees 46 minutes 10 seconds East (South 04 degrees 40 minutes 10 seconds East deed) 48.57 feet;

RUNNING THENCE southerly 50 feet more or less to a point;

RUNNING THENCE along the northerly side of South Lake Boulevard, North 71 degrees 17 minutes 60 seconds West 42.69 feet to the point or place of BEGINNING.

EXCEPTING THEREFROM the land taken by the State of New York pursuant to a Notice of Appropriation filed in Liber 1175 cp 079.

EXCEPTING AND RESERVING

PARCEL I
ALL those two certain lots, pieces or parcels of land, lying and being in the Town of Carmel, County of Putnam and State of New York, being more particularly bounded and described as follows:

BEGINNING at a point on the southerly side of South Lake Boulevard (US Route 6N, as widened) at the northeasterly corner of lands now or formerly of Restivo formerly Schroeder;

RUNNING THENCE along lands now or formerly of Restivo, South 4 degrees 08 minutes 00 seconds West 214.69 feet to the northerly side of Senior Avenue;

RUNNING THENCE along the northerly side of Senior Avenue, South 65 degrees 41 minutes 50 seconds East 89.58 feet to a point;

RUNNING THENCE along lands now or formerly of Burke & continuing along lands now or formerly of Reichbach, North 31 degrees 14 minutes 45 seconds East 255.90 feet to the southerly side of South Lake Boulevard;

RUNNING THENCE along the southerly side of line of South Lake Boulevard the following courses and distances:

North 70 degrees 30 minutes 50 seconds West 87.37 feet;
South 18 degrees 28 minutes 14 seconds West 8 feet;
North 79 degrees 21 minutes 50 seconds West 58 feet;
South 89 degrees 57 minutes 00 seconds West 57 feet to the point or place of BEGINNING.

Continued On Next Page

PARCEL II

ALL that certain plot, piece or parcel of land, lying and being in the Town of Carmel, County of Putnam and State of New York, and described as Tax Map Number 75.43-1-28.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

_____

GINA MARTINI

HENRY D'ONOFRIO

TO BE USED ONLY WHEN THE ACKNOWLEDGMENT IS MADE IN NEW YORK STATE

State of New York, County of **Putnam** ss:

On the day of **June** in the year **2016**
before me, the undersigned, personally appeared
Gina Martini and Henry D'Onofrio
personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
(signature and office of individual taking acknowledgment)

State of New York, County of ss:

On the day of in the year
before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
(signature and office of individual taking acknowledgment)

TO BE USED ONLY WHEN THE ACKNOWLEDGMENT IS MADE OUTSIDE NEW YORK STATE

State (or District of Columbia, Territory, or Foreign Country) of ss:

On the day of in the year before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

_____ in _____.
(insert the City or other political subdivision) (and insert the State or Country or other place the acknowledgment was taken)

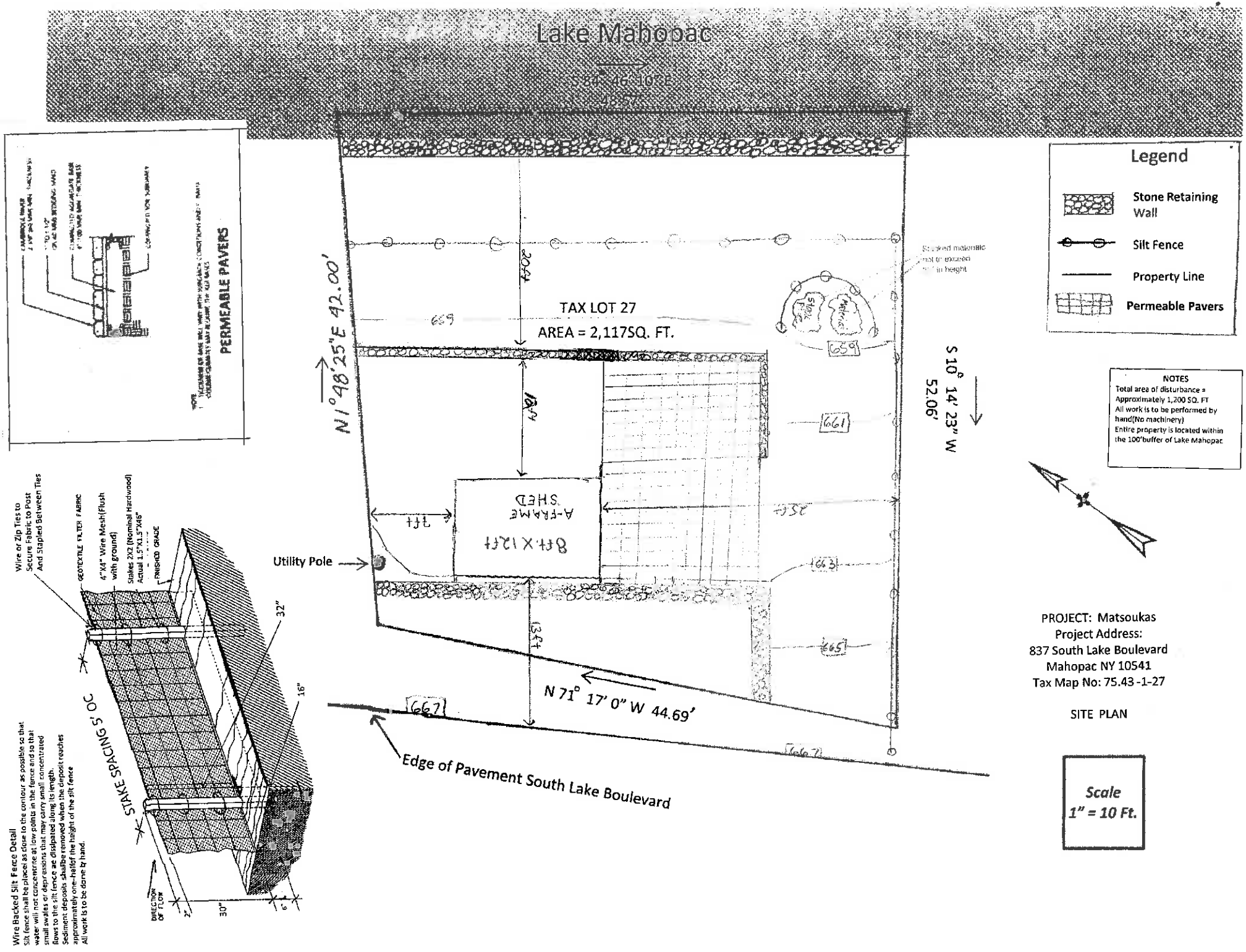
_____
(signature and office of individual taking acknowledgment)

SEC 75.43
BLK 1
LOT 27
T/O Carmel
RDAT S-2532

GINA MARTINI
AND
HENRY D'ONOFRIO
to

ULYSSES V. MATSOUKAS
and
GINA M. MATSOUKAS

Record and Return to:
Jordan Haug, Esq
62 East main St
Wappingers Falls, NY
12590


Lake Mahopac
S 84° 46' 10" E
48.57'
TAX LOT 27
AREA = 2,117SQ. FT.
N 1° 48' 25" E 42.00'
S 10° 14' 23" W
52.06'
N 71° 17' 0" W 44.69'
Edge of Pavement South Lake Boulevard
Utility Pole
8ft X 12ft
A-FRAME
SHED
20ft
18ft
12ft
7ft
25ft
659
661
663
665
667
Stacked materials not to exceed 6ft in height
Legend
Stone Retaining Wall
Silt Fence
Property Line
Permeable Pavers
NOTES
Total area of disturbance = Approximately 1,200 SQ. FT
All work is to be performed by hand(No machinery)
Entire property is located within the 100'buffer of Lake Mahopac
PROJECT: Matsoukas
Project Address:
837 South Lake Boulevard
Mahopac NY 10541
Tax Map No: 75.43 -1-27
SITE PLAN
Scale
1" = 10 Ft.
PERMEABLE PAVERS
Wire or Zip Ties to Secure Fabric to Post And Stapled Between Ties
GEOTEXTILE FILTER FABRIC
4"X4" Wire Mesh(Flush with ground)
Stakes 2X2 (Nominal Hardwood) Actual 1.5"X1.5"X46"
FINISHED GRADE
32"
16"
STAKE SPACING 5' OC
DIRECTION OF FLOW
2"
30"
6"
Wire Backed Silt Fence Detail
Silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions that may carry small concentrated flows to this silt fence are dissipated along its length.
Sediment deposits shall be removed when the deposit reaches approximately one-half of the height of the silt fence
All work is to be done by hand.

PUTNAM ENGINEERING, PLLC.
Engineers and Architects

January 19, 2017

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

Re: 70 Old Route 6, LLC
T.M. #55.11-1-15
Formerly Tompkins Recycling Facility

Dear Chairman Laga and Members of the Board:

70 Old Route 6, LLC has purchased the Tompkins recycling facility project and is moving forward with construction on the site. Application for a wetland permit is being applied for due to the change in ownership. It should be noted that the Town Wetland Permit granted to Tompkins expired on April 18, 2016.

The project has the following valid permits:

1. Town of Carmel – Site Plan Approval - Expires - 1/11/18
2. N.Y.S.D.E.C. – Solid Waste Management Permit – Expires - 12/3/17
3. N.Y.S.D.E.C. – Freshwater Wetland Permit - Expires - 12/31/18
4. N.Y.C.D.E.P. - SWPPP Approval - Expires - 3/29/17
5. N.Y.S.D.E.C. - General General Permit G.P.-0-10-001 Permit #NYR10Q049

FEMA has issued a conditional letter of map revision (7/24/14) based on fill which will remove the property from the flood plain once as-built topographic survey is submitted verifying compliance with the design drawings.

(L01704)

The Town of Carmel has a Flood Plain Development Permit Application which will be submitted to the Engineering Department for processing once we have received our local wetland permit.

We request that the project be placed on the next available ECB agenda.

Sincerely,

PUTNAM ENGINEERING, PLLC

Paul M. Lynch, P.E.
PML/tal
Enclosures

cc: 70 Old Route 6, LLC

PUTNAM ENGINEERING, PLLC. Engineers and Architects
4 Old Route 6, Brewster, New York 10509 • (845) 279-6789 • Fax (845) 279-6769

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: 70 OLD ROUTE 6, LLC

Address of Applicant: P.O. BOX 508 BEDFORD, N.Y 10506 **Email:** jannicelli@verizon.net

Telephone# 914 273 3377 **Name and Address of Owner if different from Applicant:**

Property Address: 60 OLD ROUTE 6, CARMEL NY **Tax Map #** 55.11-1-15
Agency Submitting Application if Applicable:
Location of Wetland: ALONG REAR PROPERTY LINE
Size of Work Section & Specific Location: SEE ATTACHED BREAKDOWN
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).
SEE ATTACHED SHEETS

Proposed Start Date: 10/1/16 **Anticipated Completion Date:** 9/30/17 **Fee Paid $** $1000.00

****

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

9/27/16
DATE

70 Old Route 6, LLC
55. 11-1-15
Formerly 'Tompkins'

1. Breakdown of Disturbance and Location of work:

   A. Wetland Buffer:

      1. On Site — 61,896 s.f.
      2. On Town of Carmel — 4,395 s.f.

   B. Wetland:

      1. On Site — 733 s.f.
      2. On Town of Carmel — 22,527 s.f.

2. Type and Extent of Work:

   A. Wetland Buffer:

      1. On Site:

Building Area	10,131 s.f.
Weigh Scales	1,600 s.f.
Paved Surface	29,003 s.f.
Created Wetland	17,695 s.f.
Created Swales	3,440 s.f.
TOTAL	**61,896 s.f.**

Approximately 3,000 c.y. of material will be excavated from the buffer area and approximately 4,800 c.y. of material will be placed as fill.

      2. Town of Carmel (Finger)

Created Wetland	3,000 s.f.
Removal of dead fallen trees	1,395 s.f.
TOTAL	**4,395 S.F.**

(FM1620)

The volume of debris/soil to be removed for the creation of the additional wetland is approximately 300 c.y. of material.

B. Wetland

1. On Site 733 s.f

The only disturbance will be for the removal of debris and fallen trees. this work will be done by hand. No machinery will enter the wetlands.

2. On Town of Carmel 22,527 s.f.

The only disturbance will be for the removal of debris and fallen trees. This work will be done by hand. No machinery will enter the wetlands.

Earthwork

There will be approximately 2,780 c.y. of net fill that will be placed in the wetland. There is excavation for the creation of the wetland ponds (detention) and then fill buffer behind the retaining wall to raise the grade.

PUTNAM ENGINEERING, PLLC. Engineers and Architects
4 Old Route 6, Brewster, New York 10509 • (845) 279-6789 • Fax (845) 279-6769

Project Narrative

The site for the proposed Demolition Debris Processing and Recyclables Handling and Recovery Facility is a former automobile recycling facility (better known as a junkyard) located at 60 Old Route 6 in the Town of Carmel. The junkyard has operated on this site for over fifty (50) years. The recycling of automobile was performed in the 'open air' and there were no stormwater facilities on site to handle rainfall runoff. There is no wetland buffer at this time as the junkyard extended right to the edge of wetland.

The re-development of the property will result in the balance of automobile parts, tires, other commercial debris, etc. being removed and properly disposed. The 2.45 acres site will be re-purposed to house a 20,000 s.f. processing facility, create new wetlands along the southern and western property lines and provide general traffic circulation in and around the building.

The re-development of the property will re-establish a wetland buffer by the creation of the wetland ponds to treat stormwater runoff. A portion of the building, weigh scales and paved circulation will also exist within the buffer.

(FM1619)

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:
TOMPKINS RECYCLING FACILITY

Project Location (describe, and attach a location map):
60 OLD ROUTE 6 ADJACENT TO PUTNAM HUMANE SOCIETY

Brief Description of Proposed Action:
REDEVELOPEMENT OF AN EXISTING 2.45 ACRE AUTOMOBILE JUNK YARD INTO A STATE OF THE ART CONSTRUCTION AND DEMOLITION DEBRIS PROCESSING AND RECYCLABLES HANDLING AND RECOVERY FACILITY. AS PART OF THE SITE IMPROVEMENT, ADDITIONAL WETLAND WILL BE CREATED AS WELL AS CLEARING DEBRIS FROM EXISTING WETLAND

Name of Applicant or Sponsor:	Telephone: 914-273-3377
70 OLD ROUTE 6, LLC	E-Mail: jannicelli@verizon.net

Address:
P.O. BOX 508

City/PO:	State:	Zip Code:
BEDFORD	N.Y	10506

	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.	X	
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: NYS DEC SOLID WASTE PERMIT, EXP 12/3/17; NYS DEC FRESHWATER WETLAND, EXP 12/31/16; NYCDEP SWPPP APPROVAL EXPIRES 3/29/17; FEMA - REMOVAL FROM FLOODPLAIN		X

3.a. Total acreage of the site of the proposed action? 2.45 acres
b. Total acreage to be physically disturbed? 3.07 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 2.45 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?		✓	
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
		✓	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO	YES	
	✓		
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO	YES	
	✓		
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: _____	NO	YES	
	✓		
10. Will the proposed action connect to an existing public/private water supply?	NO	YES	
If No, describe method for providing potable water: _____		✓	
11. Will the proposed action connect to existing wastewater utilities?	NO	YES	
If No, describe method for providing wastewater treatment: _____		✓	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	NO	YES	
	✓		
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?	NO	YES	
		✓	
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			
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	YES	
	✓		
16. Is the project site located in the 100 year flood plain? REMOVED FROM FLOODPLAIN BY FEMA - UPON FINAL TOPO SURVEY	NO	YES	
	✓		
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? ☐ 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: DETENTION POND - ADDITIONAL WETLAND		✓
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: AUTOMOBILE JUNK YARD		✓
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: GEORGE VIGNONA Date: 7/20/16

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)?		

	No, or small impact may occur	Moderate to large impact may occur
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?		
11. Will the proposed action create a hazard to environmental resources or human health?		

Part 3 - Determination of significance. The Lead Agency is responsible for the completion of Part 3. 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.

☐ 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.

☐ 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.

Name of Lead Agency	Date
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

LEGEND:

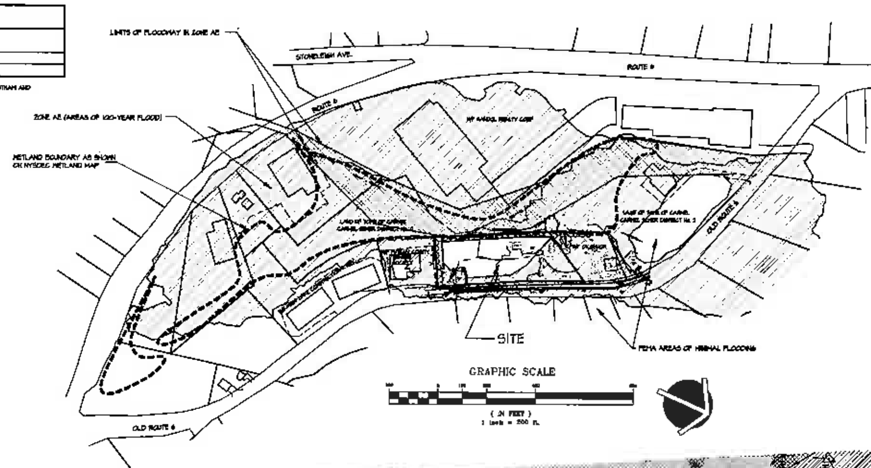
- EXISTING CONTOUR
- EXISTING BUILDING
- PROPERTY LINE
- WETLAND BOUNDARY AS SHOWN ON NYSDEC WETLAND MAP
- FLAGGED WETLAND BOUNDARY
- FEMA ZONE BOUNDARY
- FEMA LIMITS OF FLOODWAY IN ZONE AE
- FEMA ZONE AE (AREAS OF 100-YEAR FLOOD)
- FEMA OTHER AREAS (AREAS OF MINIMAL FLOODING)
- SOIL TYPE
- SOIL BOUNDARY

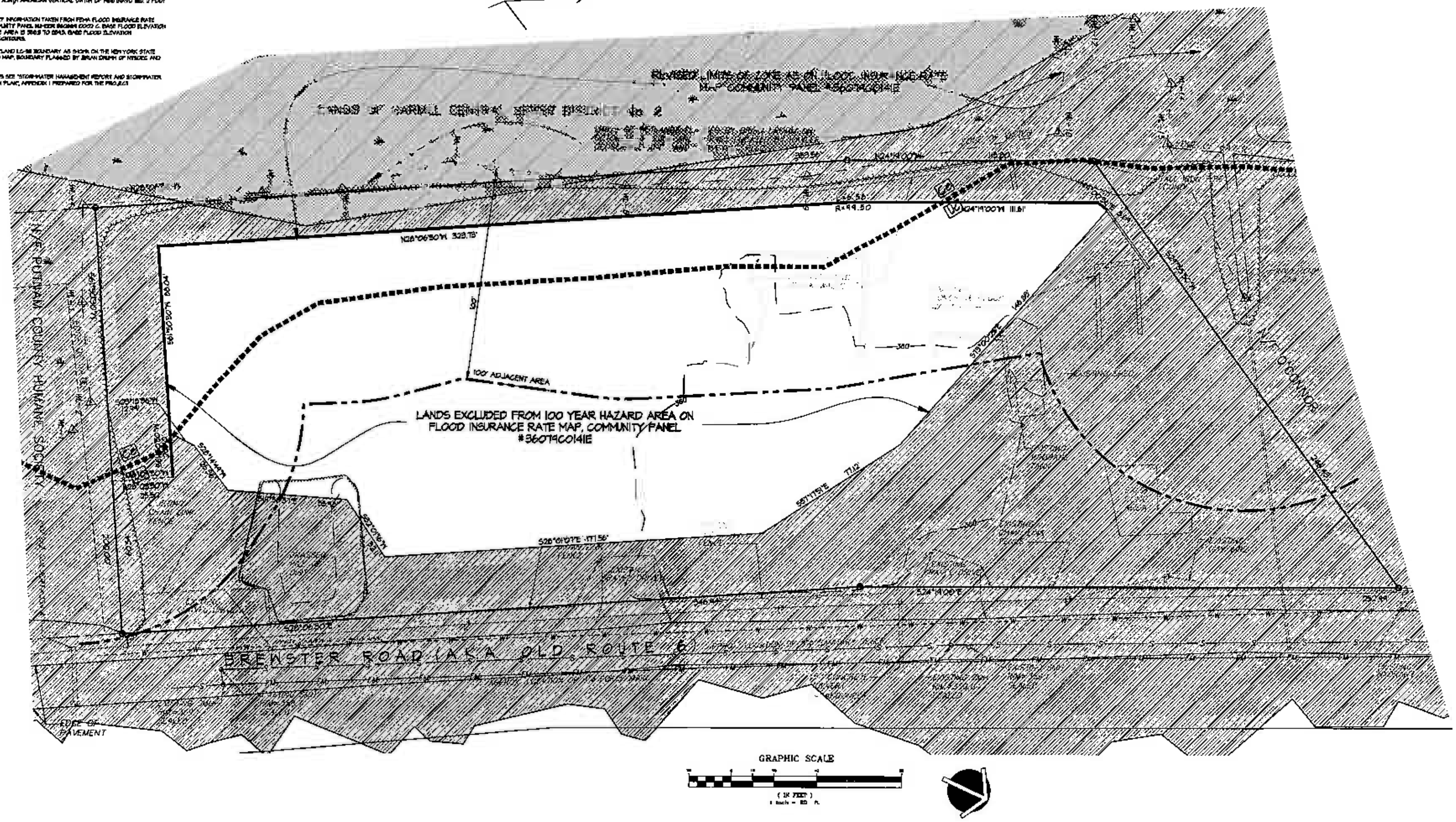
SOILS LEGEND		
SOIL SYMBOL	SOIL GROUP	SOIL NAME
Ca	A/D	CARLISLE MUCK
Uc		UDORTHENTS, WET SUBSTRATUM

NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM SOIL SURVEY OF PUTNAM AND WESTCHESTER COUNTIES, 1994.

NOTES:

1. THE VERTICAL DATUM- NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 2 FOOT CONTOUR INTERVAL.
2. FLOODPLAN BOUNDARY INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAPS KNOWN AS COMMUNITY PANEL NUMBER [illegible] C. BASE FLOOD ELEVATION RANGE GIVEN FOR SITE AREA IS [illegible] TO [illegible]. BASE FLOOD ELEVATION INTERPOLATED FROM CONTOURS.
3. STATE REGULATED WETLAND LC-[illegible] BOUNDARY AS SHOWN ON THE NEW YORK STATE FRESHWATER WETLAND MAP. BOUNDARY FLAGGED BY BRIAN DRUMM OF NYSDEC AND SURVEY LOCATED.
4. FOR REFERENCED MAPS SEE "STORMWATER MANAGEMENT REPORT AND STORMWATER POLLUTION PREVENTION PLAN", APPENDIX I PREPARED FOR THE PROJECT.





PUTNAM ENGINEERING PLLC
ENGINEERS – ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6184 FAX (845) 279-6184

PROJECT: TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15

PROJECT MANAGER: BK
DRAWN BY: RJK
CHECKED BY: PHL
SCALE: AS NOTED

DRAWING: RESTRAINT MAP

DRAWING NUMBER: C-100

SHEET 2 OF 5

LIST OF ADJOINERS (500' RADIUS)

55.1-1-1	PPM LLC and STORAGE DEPOT SALT LAKE LLC	588 NORTH BEDFORD RD	HOLMES, NY 12531
55.1-1-2	COUNTY OF PUTNAM	40 GLENIDA AVE	CARMEL, NY 10512
55.1-1-3	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-4	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-5	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-6	PUTNAM PLAZA LLC	711 BROADWAY	WHITE PLAINS, NY 10603
55.1-1-8	HYBRID INC. PUTNAM CHAPTER	310 INTERNATIONAL BLVD	BREWSTER, NY 10509
55.1-1-13	WEST LAKE CONSTRUCTION & DEV.	P.O. BOX 654	MAHOPAC, NY 10541
55.1-1-14	PUTNAM CO HANANE INC	P.O. BOX 291	CARMEL, NY 10512
55.1-1-16	O'CONNOR ROBERT E TRUST	163 BALL TRACK RD.	BREWSTER, NY 10509
55.1-1-17	TOWN OF CARMEL	60 PALMER AVE.	MAHOPAC, NY 10541
55.1-1-18	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-19	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-20	LIBERTY BELL TRUCKING	300 SOUTH WHITE ROCK ROAD	HOLMES, NY 12531
55.1-1-22	71 OLD ROUTE 6, INC	73 OLD ROUTE 6	CARMEL, NY 10512
55.1-1-50.1	COUNTY OF PUTNAM	40 GLENIDA	CARMEL, NY 10512

OWNER/APPLICANT APPROVAL

THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT HE IS FAMILIAR WITH THESE DRAWINGS, THEIR CONTENTS AND THEIR LEGENDS AND HEREBY CONSENTS TO ALL THEIR SAID TERMS AND CONDITIONS AS STATED HEREON. FURTHER, THE OWNER CONSENTS TO THE FILING OF THIS MAP.

SIGNED THIS _____ DAY OF _____, 20__.

_____

_____

PLANNING BOARD APPROVAL

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF CARMEL, NEW YORK, ON THE

_____ DAY OF _____, 20____.

ANY CHANGES, ERASURE, MODIFICATION OR REVISION OF THE PLAN, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS _____ DAY OF _____, 20____ BY

_____

SECRETARY

THE FRESHWATER WETLAND BOUNDARY AS REPRESENTED ON THESE PLANS ACCURATELY REFLECTS THE LIMITS OF FRESHWATER WETLAND LC-55 AS DELINEATED BY MR. BRIAN DRUMM ON OCTOBER 17, 2006

DEC STAFF:
Brian Drumm
DATE:
4/26/2007

WETLAND BOUNDARY DELINEATIONS ARE VALIDATED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REGULATORY FOR TEN YEARS UNLESS EXISTING EXPERT ACTIVITIES, AREA HYDROLOGY, OR LAND USE PRACTICES CHANGE. PRIOR TO VIOLATING THE BOUNDARY MUST BE REVALIDATED BY DEC STAFF. REVALIDATION MAY INCLUDE A NEW DELINEATION AND SURVEY OF THE WETLAND BOUNDARY.

ANY PROPOSED CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING OR OTHER REGULATED ACTIVITY IN THE FRESHWATER WETLAND OR WITHIN 100' OF THE WETLAND BOUNDARY AS DEPICTED ON THIS PLAN REQUIRES A PERMIT FROM THE HUDSON RIVER REGION 3 OF THE ENVIRONMENTAL CONSERVATION LAW/FRESHWATER WETLANDS ACT PRIOR TO COMMENCEMENT OF WORK.

TOTAL SQUARE FOOTAGE OF AREA TO BE DISTURBED WITHIN THE 100' ADJACENT BUFFER AREA TO FRESHWATER WETLAND LC-55.	94,900 SF
APPROXIMATE CUBIC YARDS OF FILL WITHIN THE 100' ADJACENT BUFFER AREA TO FRESHWATER WETLAND LC-55.	2780 CY

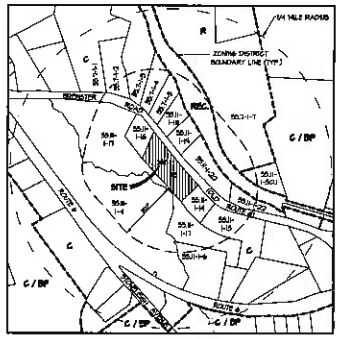
SOILS LEGEND

SYMBOL	NAME	HYD. GROUP
Ca	CARLISLE MUCK	A/D
EL	LEDGEMONT, WET SUBSTRATUM	-

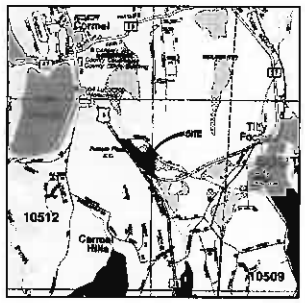
NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM SOIL SURVEY OF PUTNAM AND WESTCHESTER COUNTIES, 1994

GENERAL NOTES:

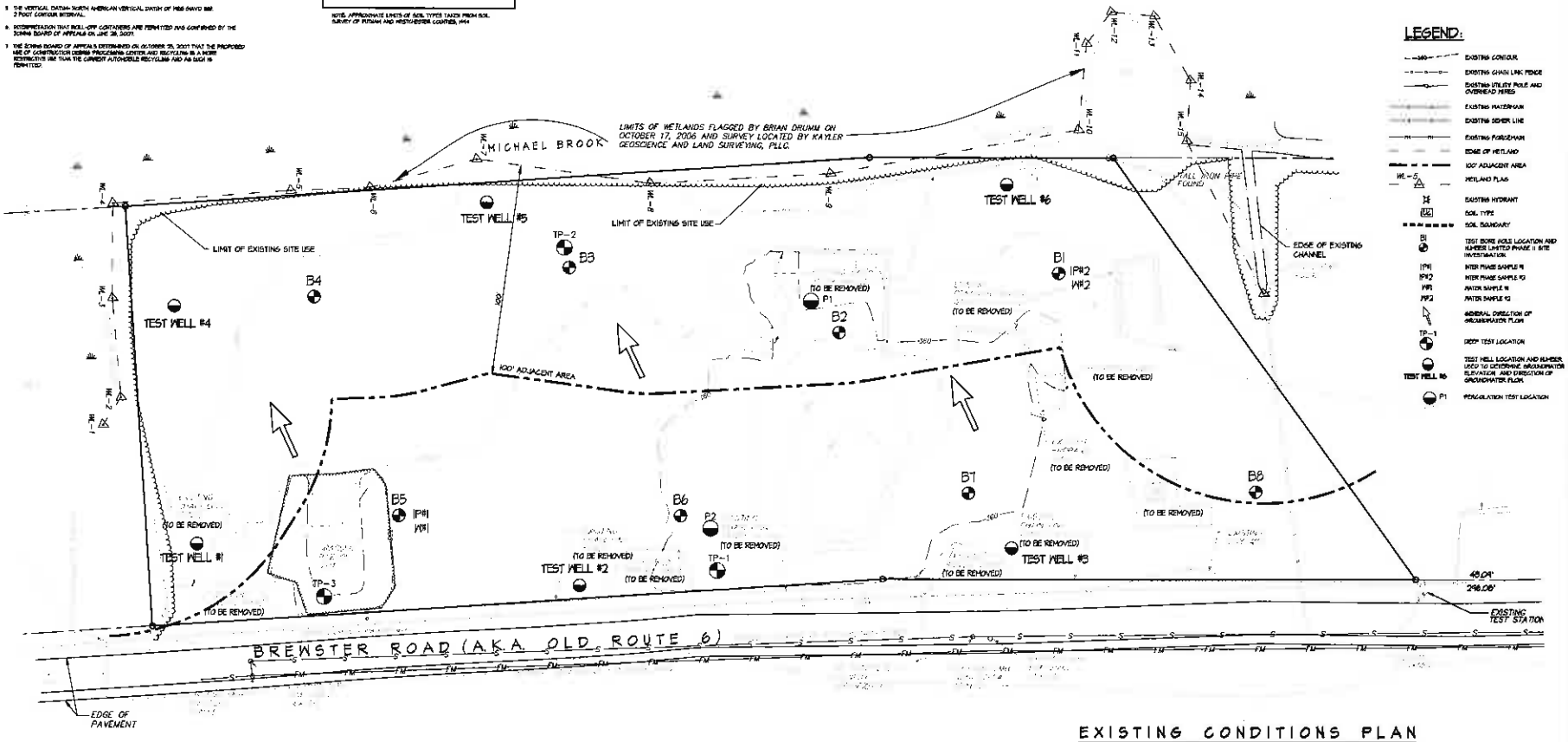
1. SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY, SECTION 55, BLOCK 1, LOT 1-1-17" AS PREPARED BY ZDI DESIGN CONSULTANTS, INC. DATED 8-14-2003. THE TOPOGRAPHIC DATA HAS BEEN ADJUSTED TO MEAN DATUM.
2. OWNER/APPLICANT: 70 OLD ROUTE 6 LLC
   P.O. BOX 500
   BEDFORD, NY 10506
3. SITE DATA: TAX MAP 55.1-1-17
   LOT AREA = 3.45 ACRES (150,507 S.F.)
4. ZONING DISTRICT: C- COMMERCIAL
5. THE VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 2 FOOT CONTOUR INTERVAL.
6. INTERPRETATION THAT ROLL-OFF CONTAINERS ARE PERMITTED WAS CONFIRMED BY THE ZONING BOARD OF APPEALS ON JUNE 28, 2007.
7. THE ZONING BOARD OF APPEALS DETERMINED ON OCTOBER 25, 2007 THAT THE PROPOSED USE OF CONSTRUCTION DEBRIS PROCESSING CENTER AND RECYCLING IS A MORE RESTRICTIVE USE THAN THE CURRENT AUTOMOBILE RECYCLING AND AS SUCH IS PERMITTED.



AREA MAP
SCALE: 1" = 400'



LOCATION MAP
SCALE: 1" = 2000'



LEGEND:

- EXISTING CONTOUR
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE AND OVERHEAD WIRES
- EXISTING WATERMAIN
- EXISTING SEWER LINE
- EXISTING FOREMAIN
- EDGE OF WETLAND
- 100' ADJACENT AREA
- WL-5 WETLAND FLAG
- EXISTING HYDRANT
- SOIL TYPE
- SOIL BOUNDARY
- B1 TEST BORE HOLE LOCATION AND NUMBER LIMITED PHASE II SITE INVESTIGATION
- IPW1 INTER PHASE SAMPLE #1
- IPW2 INTER PHASE SAMPLE #2
- WP1 WATER SAMPLE #1
- WP2 WATER SAMPLE #2
- GENERAL DIRECTION OF GROUNDWATER FLOW
- TP-1 DEEP TEST LOCATION
- TEST WELL #6 TEST WELL LOCATION AND NUMBER USED TO DETERMINE GROUNDWATER ELEVATION AND DIRECTION OF GROUNDWATER FLOW
- P1 PERCOLATION TEST LOCATION

EXISTING CONDITIONS PLAN

GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.

PUTNAM ARCHITECTURE & ENGINEERING PLLC
DESIGNERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-8184 FAX (845) 279-8184

REVISIONS								
NO.	DATE	DESCRIPTION	BY	CHK.	APP.	DATE	DESCRIPTION	BY
1	5/2/07	ADDED WL APPROVAL						
2	5/7/07	ADDED WL APPROVAL						
3	5/8/07	ADDED WL APPROVAL						
4	5/9/07	ADDED WL APPROVAL						
5	5/11/07	ADDED WL APPROVAL						
6	5/14/07	ADDED WL APPROVAL						
7	5/15/07	ADDED WL APPROVAL						
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9	5/17/07	ADDED WL APPROVAL						
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12	5/22/07	ADDED WL APPROVAL						
13	5/23/07	ADDED WL APPROVAL						
14	5/24/07	ADDED WL APPROVAL						
15	5/25/07	ADDED WL APPROVAL						

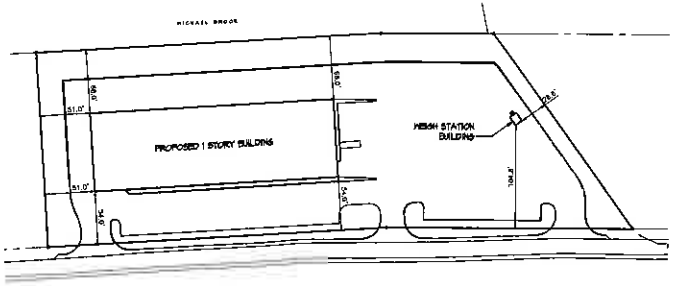
PROJECT: TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
90 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP 55.1, BLOCK 1, LOT 15

DATE: 5/25/2007
PROJECT MANAGER: BE
DRAWN BY: BE
CHECKED BY: BE
SCALE: AS NOTED

DRAWING: EXISTING CONDITIONS PLAN

PROJECT NUMBER: 2080
DRAWING NUMBER: C-110

SHEET 3 OF 6



BUILDING LAYOUT PLAN

GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

SCHEDULE OF DISTRICT REGULATIONS

C COMMERCIAL	REQUIRED	PROVIDED
MIN. LOT AREA (SF)	40,000	109,121
MIN. LOT WIDTH (FT)	200	446
MIN. LOT DEPTH (FT)	200	300
MINIMUM YARDS/SETBACKS		
FRONT (FT)	40	51
SIDE (FT)	25	51
REAR (FT)	50	94
MAX. BLDG. HEIGHT (FT)	35	35
MIN. FLOOR AREA (SF)	5000	20,000
MAX. LOT COVERAGE (%)	50	14.5

OFF-STREET PARKING & LOADING

OFF-STREET PARKING: PER CHAPTER 65-1(D)
WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT:
ONE PARKING SPACE FOR EVERY 1000 S.F. OF FLOOR AREA
20,000 S.F. / 1000 = 21 SPACES

TOTAL SPACES REQUIRED: 21
TOTAL SPACES PROVIDED: 26

OFF-STREET LOADING: PER CHAPTER 65-1(E)
WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT:
ONE LOADING SPACE FOR FIRST 10,000S.F. OF FLOOR AREA
PLUS 1 ADDITIONAL SPACE FOR EACH ADDITIONAL 20,000S.F. OF FLOOR AREA

TOTAL SPACES REQUIRED: 2
TOTAL SPACES PROVIDED: 2

SITE LAYOUT LEGEND:

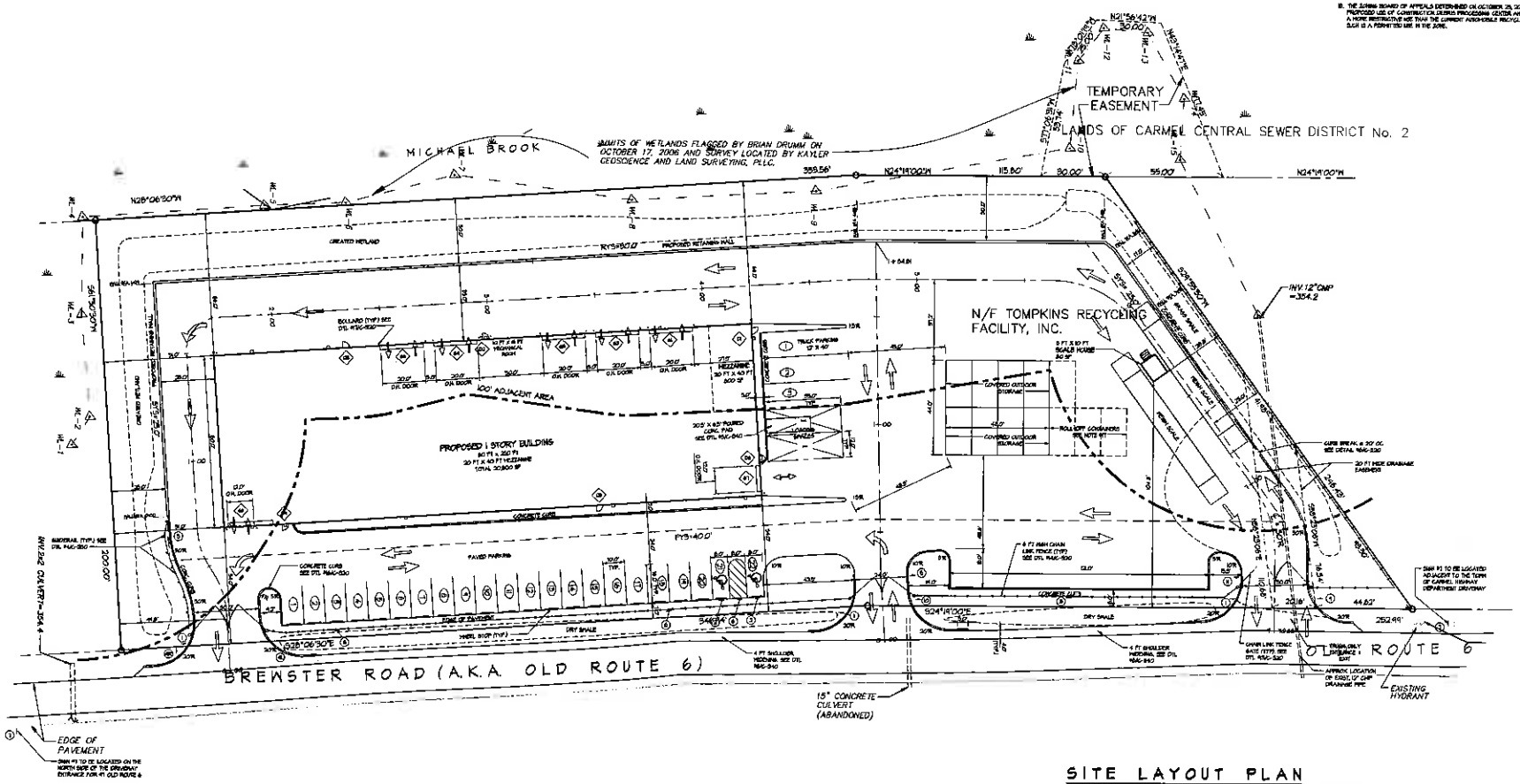
- SIGN WITH DESIGNATION/LOCATION NUMBER (REFER TO DETAIL SHEET C-330)
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE CURB
- PROPOSED CHAIN LINK FENCE
- PROPOSED SIDEWALK
- TRAFFIC DIRECTIONAL ARROW
- PROPOSED PARKING SPACES
- PROPOSED WALL MOUNTED LIGHT
- PROPOSED EDGE/ LOADING AREA
- PROPOSED ROLL OFF CONTAINER
- 5 FT WIDE PEDESTRIAN DOOR
- OVERHEAD DOOR
- 100' ADJACENT AREA
- WL-5 WETLAND FLAG

LIGHTING NOTES:

1. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL NOT RESULT IN LIGHT SPILLING OFF THE SITE. POLE MOUNTED LIGHTING SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
2. NO OUTDOOR STORAGE SPACE SHALL BE LIMITED.

GENERAL NOTES:

1. SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHIC SECTION UN, BLOCK 1, LOT 3, 4 & 4.1", AS PREPARED BY ICH DESIGN CONSULTANTS, INC. DATED 11-14-2005. THE TOPOGRAPHIC DATA HAS BEEN ADJUSTED TO USGS DATUM.
2. OWNER/ APPLICANT: 70 OLD ROUTE 6 LLC
   P.O. BOX 506
   BEDFORD, NY 10506
3. PROPOSED USE: COMMERCIAL
4. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND AND IN CONFORMANCE WITH LOCAL CODES AND UTILITY COMPANY REQUIREMENTS.
5. ALL ON-SITE TRAFFIC CIRCULATION IS TWO-WAY UNLESS NOTED OTHERWISE.
6. HANDICAP PARKING SPACES, ACCESS AISLE AND HANDICAP SYMBOLS SHALL BE DESIGNATED WITH 4 INCH BLUE PAINTED LINES. ALL OTHER PARKING SPACES SHALL BE DESIGNATED WITH 4 INCH WHITE PAINTED LINES.
7. SITE DATA: TAX MAP 58.8-1-15
   LOT AREA = 2.49 ACRES (108,121 S.F.)
8. ZONING DISTRICT: C COMMERCIAL
9. ALL DRAINAGE SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 68-11 OF THE ZONING CODE OF THE TOWN OF CARMEL.
10. SEWER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL SEWER DISTRICT #2. WATER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL WATER DISTRICT #2.
11. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL NOT RESULT IN LIGHT SPILLING OFF THE SITE. POLE MOUNTED LIGHTING SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
12. THE VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) 2 FOOT CONTOUR INTERVAL.
13. THERE ARE NO OUTDOOR AREAS PROPOSED FOR SELLING OR DISPLAY.
14. ESTIMATE OF EMPLOYEES: 25
15. DESCRIPTION OF OPERATION: CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING CENTER.
16. TYPE OF MACHINERY AND EQUIPMENT TO BE USED: ROLL-OFF TRUCKS, EXCAVATORS, LOADERS, ROCK CRUSHER, STAMP MACHINE.
17. INTERPRETATION THAT ROLL-OFF CONTAINERS ARE PERMITTED WAS CONFIRMED BY THE ZONING BOARD OF APPEALS ON JUNE 28, 2007.
18. THE ZONING BOARD OF APPEALS DETERMINED ON OCTOBER 28, 2007 THAT THE PROPOSED USE OF CONSTRUCTION DEBRIS PROCESSING CENTER AND RECYCLING IS A MORE RESTRICTIVE USE THAN THE CURRENT ATMOSPHERIC RECYCLING AND AS SUCH IS A PERMITTED USE IN THE ZONE.



SITE LAYOUT PLAN

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

PATRICK ENGINEERING
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-4164 FAX (845) 279-6164

REVISIONS			
NO.	DATE	DESCRIPTION	
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2	11/07	REVISED PER COMMENTS	
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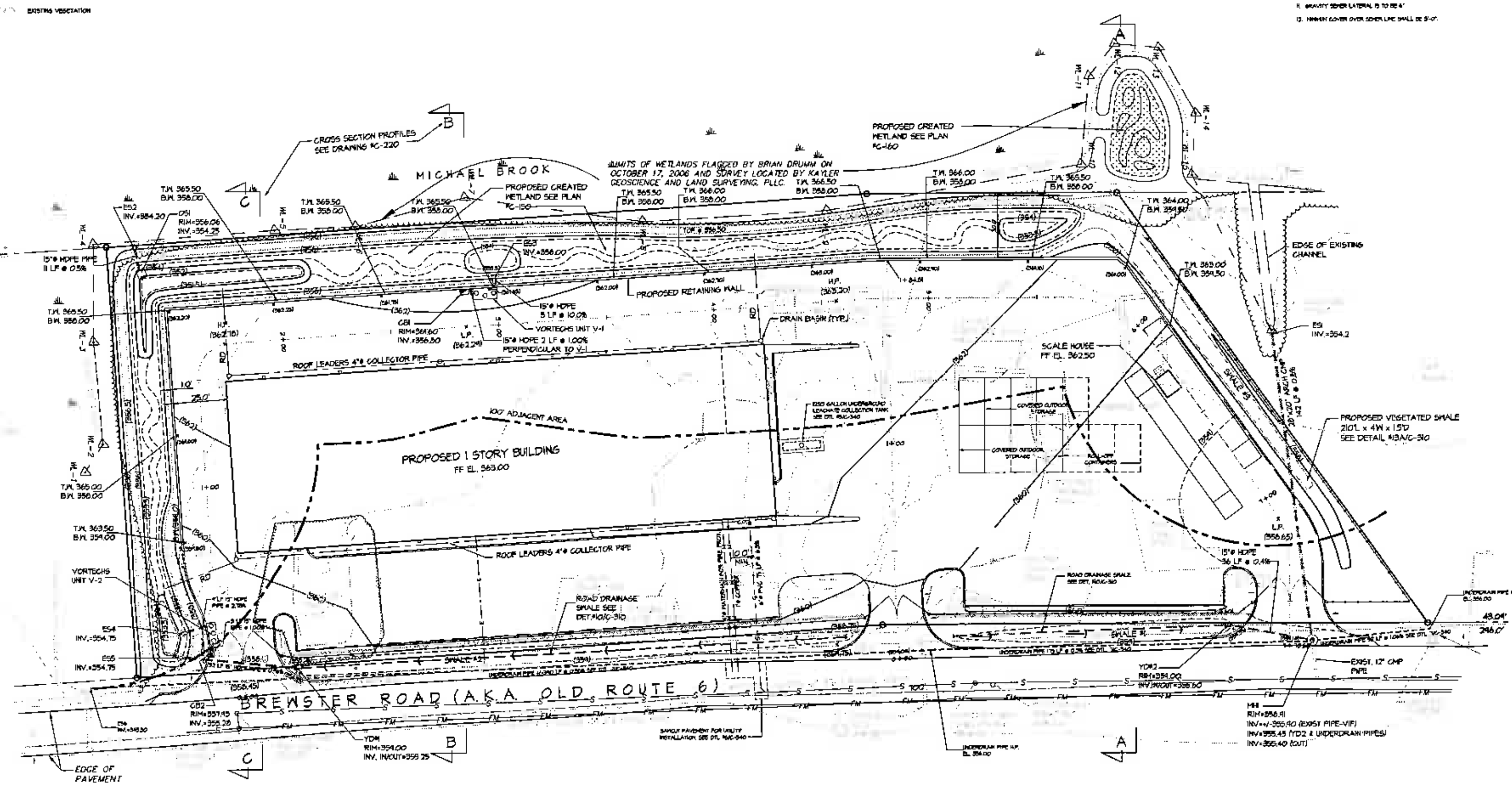
GRADING AND UTILITIES LEGEND

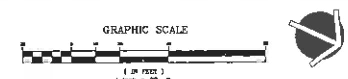
- W — WATER MAIN
- S — SANITARY SEWER PIPE
- FM — FORCE MAIN PIPE
- STORMWATER PIPE
- 490 — EXISTING CONTOURS
- (356) — PROPOSED CONTOURS
- EXISTING UTILITY POLE
- CURB VALVE
- SANITARY SEWER CLEANOUT
- PROPOSED RETAINING WALL
- PROPOSED STORMWATER PIPE
- E — UNDERGROUND ELECTRIC SERVICE
- EXISTING VEGETATION

GRADING & UTILITIES NOTES:

1. PER NEW YORK STATE LAW, THE CONTRACTOR SHALL CALL THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (UFPO) AT 1-800-962-7962, TWO (2) FULL DAYS PRIOR TO PERFORMING ANY EXCAVATION WORK.
2. SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY SECTION [illegible], BLOCK 1, LOT 5 + 6.1" AS PREPARED BY [illegible] DESIGN CONSULTANTS, INC. DATED [illegible].
3. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND AND IN CONFORMANCE WITH LOCAL CODES AND UTILITY COMPANY REQUIREMENTS.
4. SEWER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL SEWER DISTRICT #2. WATER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL WATER DISTRICT #2.
5. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL NOT RESULT IN LIGHT SPILLING OFF THE SITE. POLE MOUNTED LIGHTING SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
6. THE VERTICAL DATUM- NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 2 FOOT CONTOUR INTERVAL.
7. EXISTING UTILITIES (VALVE BOXES, MANHOLE FRAMES AND RIMS, CATCH BASIN FRAMES AND GRATES, ETC.) SHALL BE ADJUSTED AS REQUIRED TO MEET NEW FINISHED GRADES.
8. JOINTS IN SANITARY, STORM AND WATER PIPES TO BE OFFSET AT ALL CROSSINGS.
9. MINIMUM COVER OVER WATER LINE SHALL BE 4'-0".
10. TRACER WIRE (14 GA.) TO BE PLACED IN ALL WATER MAIN TRENCHES AT A DEPTH OF 2'-0" BELOW FINISHED GRADE.
11. GRAVITY SEWER LATERAL IS TO BE 6".
12. MINIMUM COVER OVER SEWER LINE SHALL BE 5'-0".



GRADING and UTILITIES PLAN



PUTNAM ENGINEERING PLLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6704 FAX (845) 279-6784

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REVISIONS

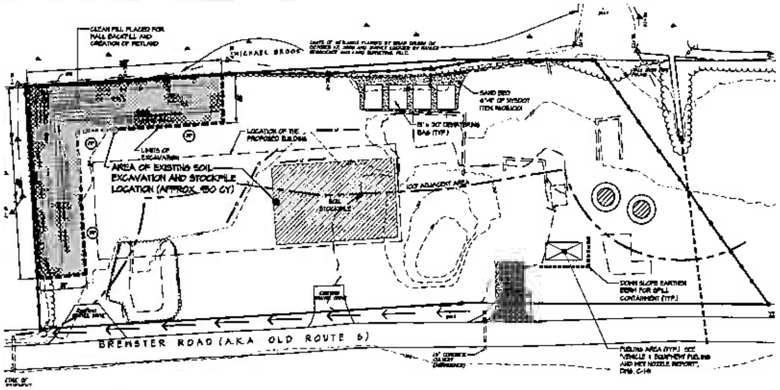
PROJECT: TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
80 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 5

DATE: 12/12/06
PROJECT MANAGER: DC
DRAWN BY: R.K.
CHECKED BY: P.L.
SCALE: AS NOTED

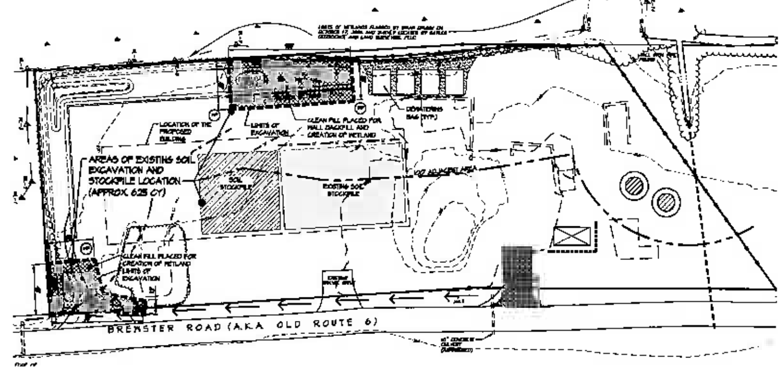
DRAWING: GRADING and UTILITIES PLAN

PROJECT NUMBER: 6086
DRAWING NUMBER: C-130

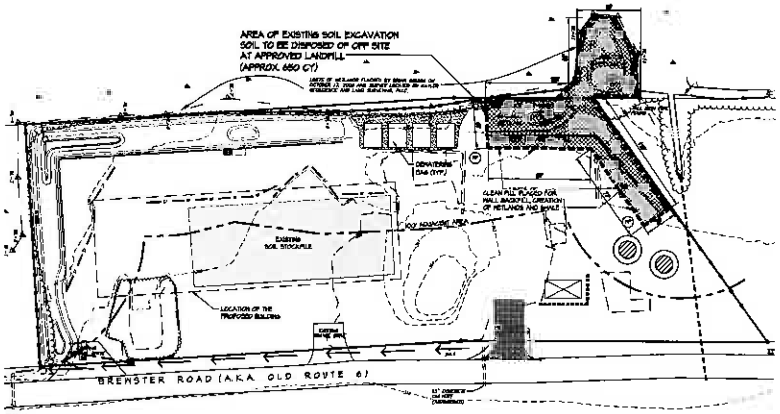
SHEET 5 OF 8



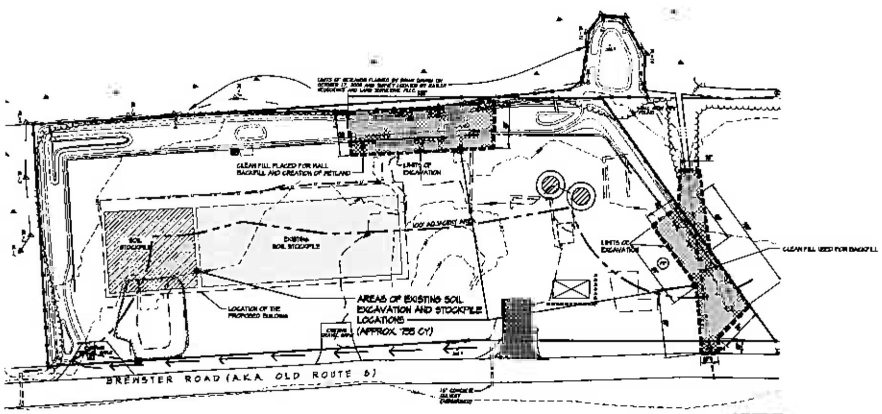
STAGE 1



STAGE 2



STAGE 3



STAGE 4

SEQUENCE OF CONSTRUCTION

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN;
2. REMOVE DEBRIS AND UNWANTED VEGETATION FROM WETLAND AND STREAM AREAS AS SHOWN ON DRAWING SC-160;
3. INSTALL SAFETY ORANGE FENCE AND SILT FENCE ALONG PROPERTY LINES AND WETLAND PERIMETER;
4. INSTALL PERIMETER DIKE/SWALE AS SHOWN ON THE DRAWING ALONG OLD ROUTE 6.

STAGE 1

5. CREATE FILTER SAND BED (NYSDOT ITEM 623.1202) FOR PLACEMENT UNDER DEWATERING BAGS. INSTALL DEWATERING BAGS;
6. MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 1 DRAWING;
7. INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
8. EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING SC-220 FOR TYPICAL DEPTHS;
9. PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
10. BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND (ALL IMPORTED FILL FOR THE SITE SHALL INCLUDE A MANIFEST ATTESTING TO IT BEING CLEAN FILL);
11. BUILD THE RETAINING WALL;
12. BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;
13. INSTALL TEMPORARY OUTLET STRUCTURE OS1 ALONG WITH OUTLET PIPE

STAGE 2

14. MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 2 DRAWING;
15. INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
16. EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING SC-220 FOR TYPICAL DEPTHS;
17. PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
18. BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
19. BUILD THE RETAINING WALL;
20. BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;
21. INSTALL VORTECHS UNITS V-1 AND V-2, CATCH BASINS CB1 AND CB2 AND YARD DRAIN YD1 ALONG WITH THE CONNECTING AND OUTGOING PIPES. PROTECT INLETS PER DETAIL #SC-510. THE STRUCTURES ARE NOT TO RECEIVE ANY STORMWATER FLOW UNTIL AT LEAST AN ASPHALT BINDER COURSE IS PLACED

STAGE 3

22. MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 3 DRAWING;
23. INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
24. CLEAN THE DEBRIS PILE NEAR THE NORTHEAST CORNER OF THE PROPERTY;
25. EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING SC-220 FOR TYPICAL DEPTHS;
26. PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
27. BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
28. BUILD THE RETAINING WALL;
29. BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;

STAGE 4

30. MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 4 DRAWING;
31. INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
32. EXCAVATE THE AREA NEAR THE NORTHERN PROPERTY LINE TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING SC-220 FOR TYPICAL DEPTHS;
33. INSTALL HW AND THE ARCH PIPE;
34. BRING IN THE CLEAN FILL, CREATE SWALE #5;
35. DRAG THE DEWATERING BAGS ONTO THE FILL AREA WITHIN THE PROPOSED BUILDING FOOTPRINTS. REMOVE THE SAND BED;
36. MARK LIMITS OF EXCAVATION NEAR THE WESTERN PROPERTY LINE;
37. EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING SC-220 FOR TYPICAL DEPTHS;
38. PUMP GROUNDWATER TO THE CREATED WETLAND MICROPOOL IF NECESSARY;
39. BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
40. BUILD THE RETAINING WALL;
41. BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;

WELL POINTING

1. DESCRIPTION
THIS ITEM SHALL GOVERN FOR THE TEMPORARY DEWATERING OF EXCAVATION WORK, IN GENERAL SHALL INCLUDE:
   - A) DESIGNING, FURNISHING, INSTALLING, TESTING, OPERATING, MONITORING AND MAINTAINING A SYSTEM TO CONTROL GROUND WATER AND SURFACE WATER AS REQUIRED TO COMPLY WITH THE PERFORMANCE REQUIREMENTS SPECIFIED.
   - B) CONTROLLING AND REMOVING SEEPAGE AND SURFACE WATER FROM THE EXCAVATION, INCLUDING EXCAVATION SLOPE EROSION CONTROL.
   - C) PREVENTION OF SURFACE WATER FROM ENTERING THE TRENCH AND DIVERTING THE SURFACE WATER AWAY FROM THE SITE
   - D) REMOVAL OF THE TEMPORARY DEWATERING SYSTEM AFTER COMPLETION OF THE SPECIFIED PORTION OF WORK.
   - E) REMOVAL OF GROUND WATER AND SURFACE WATER FROM ALL REMAINING EXCAVATION, AFTER REMOVAL OF THE TEMPORARY DEWATERING SYSTEM, UNTIL CONSTRUCTION HAS REACHED FINISHED GRADES.
2. QUALITY ASSURANCE
THE DEWATERING SYSTEM SHALL BE PERFORMED BY A FIRM WHICH HAS AT LEAST FIVE (5) YEARS OF SUCCESSFUL EXPERIENCE IN THE FIELD OF DEWATERING.
THE CONTRACTOR OR WELL POINTING FIRM SHALL ENGAGE A QUALIFIED SURVEYOR TO PERFORM ALL LAYOUTS AND MEASUREMENTS. THE SURVEYOR SHALL LAYOUT THE WORK TO THE LINES AND GRADES REQUIRED BEFORE INSTALLATION AND SHALL DETERMINE THE LOCATION OF EACH WELL POINT, PIEZOMETER AND OTHER DATA, AS REQUIRED.
THE SURVEYOR SHALL RECORD AND MAINTAIN ALL INFORMATION PERTINENT TO EACH WELL POINT AND PIEZOMETER. THE TEMPORARY DEWATERING SYSTEM AS SPECIFIED IN THESE SPECIFICATIONS SHALL BE THE MINIMUM SYSTEM REQUIRED FOR CONTROLLING GROUNDWATER, REGARDLESS OF SOURCE. THE INSTALLED SYSTEM SHALL BE CAPABLE OF LOWERING AND MAINTAINING THE GROUNDWATER TO AT LEAST 3-FEET BELOW THE BOTTOM OF THE EXCAVATION AND UNTIL THE REQUIRED UTILITIES ARE INSTALLED WITHIN THESE LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ENTIRE TEMPORARY DEWATERING SYSTEM AND SHALL MAKE WHATEVER MODIFICATIONS AND ADDITIONS TO THE SYSTEM AS MAY BE REQUIRED FOR THE SYSTEM TO FULFILL ITS REQUIREMENTS.
3. PERFORMANCE REQUIREMENTS
THE CONTRACTOR SHALL:
   - A) DESIGN, FURNISH, INSTALL, TEST, OPERATE, MONITOR AND MAINTAIN THE MINIMUM WELL POINT SYSTEM AS SPECIFIED HEREIN, INCLUDING ALL DISCHARGE PIPING AND CONNECTIONS AT POINT OF DISCHARGE, SUFFICIENT TO LOWER THE GROUND WATER LEVEL OR HYDROSTATIC HEAD BELOW THE BOTTOM OF THE EXCAVATION OR LOWER, SO AS TO PREVENT SEEPAGE OF WATER INTO THE EXCAVATION AND PERMIT INSTALLATION OF ALL UTILITIES "IN THE DRY".
   - B) DESIGN, FURNISH AND INSTALL, TEST, OPERATE, MONITOR AND MAINTAIN WHATEVER ADDITIONAL SYSTEM THAT MAY BE NECESSARY TO SUPPLEMENT THE MINIMUM WELL POINT SYSTEM AS SPECIFIED HEREIN, AND TO MAINTAIN THE EXCAVATION FREE OF GROUNDWATER SEEPAGE AND SURFACE WATER, REGARDLESS OF SOURCE.
   - C) THE PERIPHERY OF THE ENTIRE EXCAVATION SHALL BE SUITABLY DIKED AND THE DIKES MAINTAINED TO PREVENT SURFACE WATER FROM ENTERING THE EXCAVATION.
   - D) ALL WATER SEEPING, FALLING OR RUNNING INTO THE EXCAVATION AS IT IS DUG, AND UNTIL THE TEMPORARY DEWATERING SYSTEM IS REMOVED AS SPECIFIED, SHALL BE PROMPTLY PUMPED OUT.
   - E) DISPOSE OF ALL SEEPAGE AND SURFACE WATER REMOVED FROM THE PROJECT, REGARDLESS OF SOURCE, BY METHODS APPROVED BY THE ENGINEER.
   - F) TAKE APPROPRIATE AND APPROVED MEASURES TO PREVENT EROSION OF THE EXCAVATED SOILS AND RAMP SLOPES.
4. MAINTENANCE
THE CONTRACTOR SHALL PROVIDE SYSTEM MAINTENANCE INCLUDING, BUT NOT LIMITED TO, AT LEAST DAILY SUPERVISION BY SOMEONE SKILLED IN THE OPERATION, MAINTENANCE AND REPLACEMENT OF SYSTEM COMPONENTS AND SHALL PROVIDE ONE (1) SPARE (CONNECTED) DIESEL POWERED PUMP AND ALL OTHER EQUIPMENT AND WORK REQUIRED BY THE ENGINEER TO MAINTAIN THE EXCAVATION IN A DEWATERED AND HYDROSTATICALLY RELIEVED CONDITION. DEWATERING AND PRESSURE RELIEF SHALL BE A CONTINUOUS OPERATION AND INTERRUPTIONS DUE TO POWER OUTAGES, OR ANY OTHER REASON, SHALL NOT BE PERMITTED. A RESPONSIBLE OPERATOR CAPABLE OF STARTING, FIXING AND MAINTAINING SYSTEM AND STARTING STANDBY EQUIPMENT SHALL BE ON DUTY AT ALL TIMES. SOME RESPONSIBLE PERSON SHALL CONTINUOUSLY MONITOR THE DEWATERING AND SURFACE WATER CONTROL SYSTEM UNTIL THE CONTRACTOR HAS RECEIVED APPROVAL FROM THE ENGINEER THAT HE MAY DISCONTINUE SURFACE AND/OR GROUNDWATER CONTROL.
5. CORRECTION OF WORK
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE FAILURE OF ALL COMPONENTS OF THE TEMPORARY DEWATERING WORK AND FOR ALL DAMAGES TO WORK IN THE EXCAVATION AREA CAUSED BY THE FAILURE TO PROVIDE, MAINTAIN, AND OPERATE THE TEMPORARY DEWATERING SYSTEM, AS SPECIFIED. CONTRACTOR SHALL RESTORE ALL DAMAGED WORK, INCLUDING FAILED COMPONENTS OF THE WORK IN THIS SPECIFICATION TO A CONDITION AS GOOD OR BETTER THAN EXISTED PRIOR TO FAILURE OF COMPONENTS.
6. JOB CONDITIONS
THE CONTRACTOR SHALL PROVIDE PROTECTION OF PERSONS AND PROPERTY BY AT LEAST:
   - A) BARRICADING OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING LIGHTS. OPERATE WARNING LIGHTS DURING THE HOURS FROM DUSK TO DAWN, EACH DAY. ALL BARRICADES, SIGNS AND OTHER TYPES OF DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD
   - B) PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY TEMPORARY DEWATERING SYSTEM INSTALLATION AND OPERATION.

THE CONTRACTOR SHALL RESTORE ALL STREETS, DRIVEWAYS, CURBS, SIDEWALKS AND OTHER EXISTING ITEMS TO A CONDITION AS GOOD AS OR BETTER THAN EXISTED BEFORE WORK HAS COMMENCED, AT NO ADDITIONAL COST TO TOWN OF CARMEL.

LEGEND:

- SOIL EXCAVATION
- PROPOSED SOIL STOCKPILE (FOR THAT STAGE)
- EXISTING SOIL STOCKPILE (CUMULATIVE OF STAGES)
- EXISTING CONTOURS
- EXISTING DRAINAGE PIPE
- EXISTING VEGETATION LINE
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY PERIMETER DIKE/SWALE
- LIMIT OF EXCAVATION
- SILT FENCE
- CONSTRUCTION FENCE AND SILT FENCE
- INLET PROTECTION
- CLEAN FILL STOCKPILE
- WELL POINT

EXCAVATION AND FILL PLAN FOR WETLAND BUFFER

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

PUTNAM ENGINEERING PLLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6704 FAX (845) 279-6704

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REVISIONS

PROJECT: TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
80 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No 55.11, BLOCK 1, LOT 15

DATE: 01/05/06
PROJECT MANAGER: BK
DRAWN BY: RJC
CHECKED BY: PAL
SCALE: AS NOTED

DRAWING: EXCAVATION and FILL PLAN FOR WETLAND BUFFER

PROJECT NUMBER: 8280
DRAWING NUMBER: C-140

SHEET 8 OF 15

GENERAL NOTES

1. THE SITE SHALL BE DISTURBED ONLY WHERE NECESSARY. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED (NO MORE THAN 5 ACRES) 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 ARE CONSIDERED "STABILIZED" WHEN 80% OF UNIFORM, PERENNIAL VEGETATIVE COVER IS ACHIEVED OR EQUIVALENT STABILIZATION MEASURES (SUCH AS MULCHES, EROSION CONTROL BLANKET, ETC.) HAVE BEEN PROPERLY EMPLOYED. NO WORK SHALL CONTINUE BEFORE PRIOR DISTURBANCE IS STABILIZED.

2. WHEREVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.

3. AREAS UNDERGOING EARTHWORK, WHERE SOIL IS TO BE LEFT EXPOSED FOR MORE THAN FIFTEEN DAYS, SHOULD BE STABILIZED WITH EITHER TEMPORARY OR PERMANENT VEGETATIVE COVER. TEMPORARY COVER SHOULD BE USED WHEN THE PROJECT SCHEDULE DOES NOT COINCIDE WITH THE OPTIMUM PLANTING SEASON. IN GENERAL, OPTIMUM PLANTING TIMES FOR GRASSES ARE MARCH 15th TO MAY 31st AND SEPTEMBER 1st TO NOVEMBER 15th. DURING OPTIMUM PLANTING TIMES PERMANENT VEGETATIVE COVER WILL BE INSTALLED. SEE SPECIFICATIONS FOR FURTHER DETAILS.

4. THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL ARRANGE A PRE-CONSTRUCTION MEETING INVITING THE CONTRACTOR, REPRESENTATIVES OF TOWN OF CARMEL, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND TOWN AND PROJECT ENGINEERS, PRIOR TO START OF CONSTRUCTION ACTIVITIES.

5. TEMPORARY MEASURES SHALL BE MAINTAINED BY PROJECT OWNER / DEVELOPER OR A DESIGNATED REPRESENTATIVE (SUCH AS THE GENERAL CONTRACTOR) DURING THE ENTIRE CONSTRUCTION PERIOD. AFTER THE CONSTRUCTION IS COMPLETED A PERMANENT MEASURES SHALL BE MAINTAINED BY THE PROPERTY OWNER(S). LEGALLY BINDING DOCUMENTS SHALL BE INCLUDED WITH THE SALE OF THE PROPERTY (PROPERTIES) TO ENSURE FUTURE OWNERS MAINTAIN THE STORMWATER FACILITIES.

DEVELOPER/OWNER
70 OLD ROUTE 6 LLC
P.O. BOX 506
BEDFORD, NY 10506

6. THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL RETAIN THE SERVICE OF QUALIFIED PERSONNEL (LICENSED PROFESSIONAL ENGINEER, CERTIFIED PROFESSIONAL IN EROSION & SEDIMENT CONTROL-CPESC OR SOIL SCIENTIST) TO PERFORM SITE INSPECTIONS DURING THE CONSTRUCTION PERIOD AND FINAL SITE INSPECTION AT PROJECT COMPLETION.

7. THE CONTRACTOR SHALL MAKE AVAILABLE ON SITE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EFFECT EMERGENCY REPAIR AND REPLACEMENT OF THE EROSION CONTROL MEASURES.

8. SITE INSPECTIONS DURING CONSTRUCTION PERIOD SHALL BE PERFORMED AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. DURING WINTER, IF THE SOIL DISTURBANCE IS COMPLETELY SUSPENDED AND THE SITE IS PROPERLY STABILIZED, INSPECTION FREQUENCY MAY REDUCE, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS IN ALL SITUATIONS (EVEN WHEN THERE IS TOTAL WINTER SHUTDOWN). DURING PERIODS OF REDUCED INSPECTION FREQUENCY, INSPECTIONS MUST STILL BE DONE AFTER EVERY STORM EVENT OF 0.5 INCHES OR GREATER. TO BE ALLOWED TO REDUCE INSPECTION FREQUENCIES, THE OPERATOR MUST COMPLETE STABILIZATION ACTIVITIES (PERIMETER CONTROLS, TRAPS, BARRIERS, ETC.) BEFORE PROPER INSTALLATION IS PRECLUDED BY SNOW COVER OR FROZEN GROUND. IF VEGETATION IS DESIRED, SEEDING, PLANTING, AND/OR SODDING MUST BE SCHEDULED TO AVOID DIE-OFF FROM FALL FROSTS AND ALLOW FOR PROPER GERMINATION/ESTABLISHMENT.

9. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED AREAS PERIODICALLY WITH WATER.

10. THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL KEEP INSPECTION REPORTS AND LOGS AT THE SITE. A SUMMARY OF INSPECTION ACTIVITIES SHALL BE POSTED AT A PUBLICLY ACCESSIBLE AREA OF THE SITE ON A MONTHLY BASIS.

11. PRIOR TO START OF CONSTRUCTION ACTIVITIES, THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL CERTIFY ON THE INSPECTION LOG THAT A SWPPP HAS PROPERLY PREPARED FOR THE PROJECT AND CONFORMS TO ALL FEDERAL, STATE AND LOCAL EROSION & SEDIMENT CONTROL REQUIREMENTS.

12. THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL PROVIDE A PHONE NUMBER TO THE DIRECTOR OF CODE ENFORCEMENT FOR USE IN EMERGENCY SITUATIONS.

13. THE OWNER/DEVELOPER SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF DEBRIS, LITTER AND CONSTRUCTION CHEMICALS. A DUMPSTER SHALL BE LOCATED ON THE SITE AND PICK UP ARRANGED WHEN IT IS FULL.

ON SITE POLLUTION CONTROL MEASURES

A. POLLUTION PREVENTION MEASURES TO CONTROL LITTER, CONSTRUCTION CHEMICALS AND CONSTRUCTION DEBRIS.

1. THERE SHALL BE A RECEPTACLE PLACED ON THE SITE TO TEMPORARILY STORE GARBAGE, DEBRIS OR CONSTRUCTION WASTE MATERIALS. THE CONTAINER SHALL NOT BE USED TO TRANSFER ANY GARBAGE FROM ANY OTHER OFF-SITE ACTIVITY.

2. THE RECORD OWNER SHALL BE RESPONSIBLE FOR KEEPING THE SITE FREE OF LITTER AT ALL TIMES. DURING CONSTRUCTION ACTIVITIES THE OWNER MAY DESIGNATE A CONTRACTOR IN CHARGE AS A RESPONSIBLE PARTY.

3. THE SITE SHALL BE INSPECTED AT THE END OF EACH WORKDAY AND TRASH, DEBRIS AND GARBAGE SHALL BE PICKED UP AND PLACED IN ON-SITE DUMPSTERS OR OTHERWISE REMOVED FROM THE SITE.

4. A PORTABLE TOILET FACILITY SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND AN ADDITIONAL FACILITY FOR EVERY 10 ON-SITE WORKERS.

5. CONSTRUCTION VEHICLES SHALL BE SERVICED OFF-SITE AT A PROPER FACILITY. LEAKING OR ILL REPAIRED VEHICLES SHALL NOT BE LOCATED ON SITE. NO OIL CHANGES ARE PERMITTED ON SITE. FUELING OF VEHICLES ON SITE SHALL BE CAREFULLY PERFORMED WITH AN APPROVED DISPENSER NOZZLE HOSE AND PUMP. SPILLS SHALL PROMPTLY BE REPORTED TO THE NYSDEC AND TOWN. SORBO PADS AND ROLLS SHALL BE USED TO TEMPORARILY CONTAIN ANY SPILLS.

6. CHEMICAL SOIL ADDITIVES OR HERBICIDES SHALL NOT BE USED ON SITE DURING CONSTRUCTION.

7. THE CONTAINERS SHALL BE OF SUFFICIENT SIZE FOR THE CONSTRUCTION ACTIVITY. CONTAINERS SHALL BE EMPTIED BY AN APPROVED CARTER TO A PROPER FACILITY WHEN FULL. CONTAINERS SHALL BE COVERED TO PREVENT INFILTRATION OF RAIN AND WEATHER AND TO PREVENT WINDBORNE DEBRIS REMOVAL.

8. PAINTS, CHEMICALS OR OTHER TOXIC SUBSTANCES SHALL NOT BE PLACED IN TRASH CONTAINERS. PAINTS, CHEMICALS OR TOXIC SUBSTANCES SHALL BE REMOVED FROM SITE BY AN APPROVED/LICENSED CARTER.

9. THERE SHALL BE NO OPEN FIRES OR BARREL FIRES PERMITTED.

10. DEBRIS OR TRASH PILES ARE NOT PERMITTED. DEBRIS SHALL BE PLACED IN CONTAINERS. TEMPORARY PILES OF BRUSH OR STUMPS SHALL BE PROTECTED BY SILT FENCE SIMILAR TO TOPSOIL STOCKPILES.

B. ON SITE STORAGE OF CONSTRUCTION AND WASTE MATERIALS

1. CONSTRUCTION MATERIALS STORED ON SITE ARE ANTICIPATED TO BE:

A. SAND, STONE AND CRUSHED ROCK
B. BRUSH OR TREE STUMPS
C. SOIL STOCKPILES
D. BUILDING PRODUCTS (WOOD, STEEL FRAMING, INSULATION BOARDS, PLYWOOD, PIPE, DRAINAGE STRUCTURES)
E. CONSTRUCTION EQUIPMENT AND MACHINERY
F. DUMPSTERS OR STORAGE CONTAINERS

2. POLLUTION CONTROLS SHALL CONSIST OF:

A. POLLUTION PREVENTION MEASURES DESCRIBED IN SECTION "A".
B. THE COVERING OF EXPOSED PRODUCTS WHEN NOT IN USE.

SEQUENCE OF CONSTRUCTION

IN ORDER TO EFFECTIVELY CONTROL EROSION AND SEDIMENT, CONTRACTOR SHALL FOLLOW THE LOCATION, MATERIALS AND PROCEDURES SHOWN ON THE "EXCAVATION AND FILL PLAN", DRAWING C-140, "EROSION AND SEDIMENT CONTROL PLAN", DRAWING C-141, DETAILS SHOWN ON SHEETS C-510 AND THE FOLLOWING SEQUENCE OF CONSTRUCTION.

1. CONTRACTOR TO RETAIN ALL EROSION CONTROL MEASURES AS SHOWN ON DRAWING C-140.

2. RELOCATE THE STABILIZED CONSTRUCTION ENTRANCE TO THE PROPOSED GATE TO LOCATION AS SHOWN ON THE PLAN.

3. EXCAVATE TRENCHES FOR DRY SWALES #1 & #2 AND FOR UNDERDRAIN PIPES. INSTALL YARD DRAIN #2 AND MANHOLE #1 ALONG WITH CONNECTING AND OUTGOING PIPES. TRENCHES TO BE BACKFILLED IMMEDIATELY UPON COMPLETION OF INSTALLATION OF PIPES. EXPOSED SOIL TO BE STABILIZED IMMEDIATELY AFTER BACKFILL.

4. PROTECT INLET PER DETAIL #SC-310.

5. INSTALL TEMPORARY EARTH DIKE/SWALE #2.

6. ROUGH GRADE THE SITE. FILL MATERIAL SHALL BE FREE FROM ROOTS, VEGETATION AND OVERSIZED STONES. FILL TO BE PLACED IN 8 INCH LIFTS AND COMPACTED TO 95% DRY DENSITY BY MECHANICAL MEANS. STABILIZE DISTURBED AREAS IMMEDIATELY AFTER GRADING PER "STABILIZATION NOTES". ALL FILL IMPORTED FOR THE SITE SHALL INCLUDE A MANIFEST ATTESTING TO IT BEING CLEAN FILL.

7. CONSTRUCT BUILDING TO INCLUDE GREEN ROOF, AND WEIGHT STATION. INSTALL ROOF DRAINS. CONNECT THE BUILDING TO THE UTILITY LINES. COMPLETE GRADING AROUND THE BUILDING.

8. INSTALL PROPOSED CURBING AND PAVEMENT. BRING PAVEMENT TO BINDER COURSE ELEVATION.

9. COMPLETE REMAINING SITE WORK, FINAL GRADING AND BUILDING CONSTRUCTION.

10. CLEAN ACCUMULATED SEDIMENT IN TEMPORARY SWALES. RESTORE AND UPGRADE TO PERMANENT SWALES. CLEAN ALL DRAINAGE STRUCTURES.

11. REMOVE ANY ACCUMULATED SEDIMENT FROM THE CREATED WETLAND. REMOVE TEMPORARY RISER PIPE. INSTALL TRASH RACK ON OUTLET STRUCTURE ON GRADE BOTTOM AS SHOWN ON THE PLAN. PLANT WETLAND VEGETATION AS SHOWN ON DRAWING C-130.

12. RAISE CATCH BASINS AND MANHOLE RIMS TO TOP COURSE ELEVATION. REMOVE TEMPORARY CONSTRUCTION ENTRANCES, RESTORE PAVEMENT AT THIS LOCATION AND INSTALL TOP COURSE PAVEMENT FOR THE ENTIRE SITE.

13. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES TO INCLUDE SILT FENCE.

14. UPON COMPLETION OF ALL ABOVE ACTIVITIES AND SATISFACTORY ESTABLISHMENT OF VEGETATION ON ALL DISTURBED AREAS, CONTRACTOR TO PERFORM FINAL CLEANING OF THE PROJECT SITE.

STABILIZATION NOTES

1. TEMPORARY VEGETATIVE COVER.

A. SCARIFY COMPACTED SOIL AREAS.
B. LIME AS REQUIRED TO PH 6.5
C. FERTILIZE WITH 10-10-10 AT RATE 200 LBS/AC
D. INCORPORATE AMENDMENTS INTO SOIL WITH DISC HARROW.
E. SEED AS FOLLOWS:

* SPRING/SUMMER/EARLY FALL PLANTING: ANNUAL RYEGRASS AND CEREAL OATS AT 50 LBS/ACRE

* LATE FALL/EARLY WINTER PLANTING: AROOSTOOK WINTER RYE AT 100 LBS/AC

MULCH SEEDS WITH 2 TONS OF STRAW PER ACRE. ANCHOR AS NEEDED.

DURING WINTER CONSTRUCTION OR PERIODS OF WET WEATHER, TEMPORARY SLOPE STABILIZATION SHALL BE PROVIDED BY EITHER A ROLLED EROSION CONTROL PRODUCT OR A HEAVY MULCH LAYER SUITABLY ANCHORED. THE CONTRACTOR MUST RESEED THE AREA IN THE SPRING WITH THE APPROPRIATE SEEDING.

DURING DRY WEATHER CONSTRUCTION, ALL SEEDED AREAS ARE TO BE ADEQUATELY WATERED TO ENSURE VEGETATED COVER.

2. PERMANENT VEGETATIVE COVER

A. GRADE TO FINISHED SLOPES.
B. SCARIFY COMPACTED SOIL AREAS
C. TOPSOIL WITH NOT LESS THAN FOUR (4) INCHES OF SUITABLE TOPSOIL MATERIAL.
D. LIME AS REQUIRED TO PH 6.5
E. FERTILIZE WITH 10-6-4 AT RATE 300 LBS/AC.
F. SEED AS FOLLOWS:

TYPE I FOR USE ON MOWED AREAS (INCLUDING SWALES):

SEED	LBS/AC
KENTUCKY BLUE GRASS	20
CREEPING RED FESCUE	25
RED TOP OR RYE GRASS	3

TYPE II FOR USE ON BASIN SIDE SLOPES AND ON NON-MOWED AREAS: USE "ERNMX-178" SEED MIX (ERNST CONSERVATION SEEDS, LLP) OR EQUIVALENT. SEEDS INCLUDED IN THE MIX ARE LISTED BELOW. APPLICATION RATE IS LBS/ACRE.

GOLDENROD	INDIAN GRASS	OX EYE SUNFLOWER
BIG BLUESTEM	VIRGINIA WILD RYE	BLACK EYED SUSAN
LITTLE BLUESTEM	FOX SEDGE	SOFT RUSH
FALSE INDIGO	PARTRIDGE PEA	COMMON MILKWEED
SILKY DOGWOOD	BLUE VERVAIN	WILD BERGAMOT

WILDFLOWER AREAS TO BE MOWED ONCE PER YEAR IN LATE FALL.
MULCH SEEDS WITH 2 TONS OF STRAW PER ACRE. ANCHOR AS NEEDED.

TYPE III FOR USE ON GREEN ROOFS USE "NON-MOW COVER MIX" SEED MIX (ERNST CONSERVATION SEEDS, LLP) OR EQUIVALENT. SEEDS INCLUDED IN THE MIX ARE LISTED BELOW. APPLICATION RATE IS LBS/ACRE.

PENNLAWN CREEPING RED FESCUE
RESCUE 911 HARD FESCUE
'STONEHENGE' HARD FESCUE
ANNUAL RYEGRASS

MAINTENANCE PROGRAM

1. THE PROJECT CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE PROJECT PROPERTY.

2. PRIOR TO THE DETERMINATION OF A PROJECT CONTRACTOR THE PROJECT APPLICANT SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL TEMPORARY AND PERMANENT MEASURES.

TEMPORARY MEASURES

A. SILT FENCE: SEDIMENTS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. IT SHOULD ALSO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS. REPAIR SHALL BE PERFORMED AS NEEDED.

B. SWALES: PROPOSED SWALES ARE USED AS DIVERSION SWALES DURING THE CONSTRUCTION PHASE. THESE SWALES ARE TO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS FOR SCOUR AND EROSION. REMOVE DEPOSITS OR SEDIMENT OR OTHER OBSTRUCTIONS.

C. CONSTRUCTION ENTRANCE: CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. VISUAL INSPECTION SHALL BE PERFORMED DAILY THROUGHOUT THE PROJECT CONSTRUCTION. TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

D. INLET PROTECTION: INLET PROTECTION SHALL BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS. SEDIMENTS AND DEBRIS SHALL BE REMOVED FROM BEHIND THE FENCE IF PRESENT. REPAIR SHALL BE PERFORMED AS NEEDED.

E. PERIMETER DIKES/SWALES: TO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS FOR SCOUR AND EROSION. REMOVE DEPOSITS OR SEDIMENT OR OTHER OBSTRUCTIONS.

F. WELL POINTS: A RESPONSIBLE OPERATOR CAPABLE OF MAINTAINING THE DEWATERING SYSTEM SHALL BE ON DUTY AT ALL TIMES. REPLACEMENT OF SYSTEM COMPONENTS, TO INCLUDE ONE DIESEL POWERED PUMP SHALL BE AVAILABLE ON THE SITE.

VEHICLE & EQUIPMENT FUELING and WET NOZZLE REPORT:

DESCRIPTION AND PURPOSE

VEHICLE EQUIPMENT FUELING PROCEDURES AND PRACTICES ARE DESIGNED TO PREVENT FUEL SPILLS AND LEAKS, AND REDUCE OR ELIMINATE CONTAMINATION OF STORMWATER. THIS CAN BE ACCOMPLISHED BY FUELING IN DESIGNATED AREAS ONLY, IMPLEMENTING SPILL CONTROLS, AND TRAINING EMPLOYEES AND SUBCONTRACTORS IN PROPER FUELING PROCEDURES.

SUITABLE APPLICATIONS

THESE PROCEDURES ARE SUITABLE ON ALL CONSTRUCTION SITES WHERE VEHICLE AND EQUIPMENT FUELING TAKES PLACE.

LIMITATIONS

ONSITE VEHICLE AND EQUIPMENT FUELING SHOULD ONLY BE USED WHERE IT IS IMPRACTICAL TO SEND VEHICLES AND EQUIPMENT OFFSITE FOR FUELING.

IMPLEMENTATION

- DISCOURAGE "TOPPING-OFF" OF FUEL TANKS.
- ABSORBENT SPILL CLEANUP MATERIALS AND SPILL KITS SHALL BE AVAILABLE IN FUELING AREAS AND ON FUELING TRUCKS AND SHOULD BE DISPOSED OF PROPERLY AFTER USE.
- DRIP PANS OR ABSORBENT PADS SHOULD BE USED DURING VEHICLE AND EQUIPMENT FUELING, UNLESS THE FUELING IS PERFORMED OVER AN IMPERMEABLE SURFACE IN A DEDICATED FUELING AREA.
- USE ABSORBENT MATERIALS ON SMALL SPILLS. DO NOT HOSE DOWN OR BURY THE SPILL. REMOVE THE ADSORBENT MATERIALS PROMPTLY AND DISPOSE OF PROPERLY.
- AVOID MOBILE FUELING OF MOBILE CONSTRUCTION EQUIPMENT AROUND THE SITE; RATHER, TRANSPORT THE EQUIPMENT TO DESIGNATED FUELING AREAS. WITH THE EXCEPTION OF TRACKED EQUIPMENT SUCH AS BULLDOZERS AND LARGE EXCAVATORS, MOST VEHICLES SHOULD BE ABLE TO TRAVEL TO A DESIGNATED AREA WITH LITTLE LOST TIME.
- EMPLOYEES AND SUBCONTRACTORS SHALL BE TRAINED IN PROPER FUELING AND CLEANUP PROCEDURES.
- WHEN FUELING MUST TAKE PLACE OUTSIDE, DESIGNATE AN AREA AWAY FROM DRAINAGE COURSES TO BE USED.
- DEDICATED FUELING AREAS SHOULD BE PROTECTED FROM STORMWATER RUNON AND RUNOFF, AND SHOULD BE LOCATED AT LEAST 50 FT AWAY FROM DOWNSTREAM DRAINAGE FACILITIES AND WATERCOURSES. FUELING MUST BE PERFORMED ON LEVEL-GRADE AREAS.
- PROTECT FUELING AREAS WITH BERMS AND DIKES TO PREVENT RUNON, RUNOFF, AND TO CONTAIN SPILLS.
- NOZZLE USED IN VEHICLE AND EQUIPMENT FUELING SHOULD BE EQUIPPED WITH AN AUTOMATIC SHUTOFF TO CONTROL DRIPS. FUELING OPERATIONS SHOULD NOT BE LEFT UNATTENDED.
- FEDERAL, STATE, AND LOCAL REQUIREMENTS SHOULD BE OBSERVED FOR ANY STATIONARY ABOVE GROUND STORAGE TANKS.

INSPECTION AND MAINTENANCE

- VEHICLES AND EQUIPMENT SHOULD BE INSPECTED EACH DAY OF USE FOR LEAKS. LEAKS SHOULD BE REPAIRED IMMEDIATELY OR PROBLEM VEHICLES OR EQUIPMENT SHOULD BE REMOVED FROM THE PROJECT SITE.
- KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ONSITE.
- IMMEDIATELY CLEAN UP SPILLS AND PROPERLY DISPOSE OF CONTAMINATED SOIL AND CLEANUP MATERIALS.

PERMANENT MEASURES

GRASS SWALE MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. DEBRIS CLEANOUT (MONTHLY) CONTRIBUTING AREAS CLEAR OF DEBRIS		
2. CHECK DAMS OR ENERGY DISSIPATORS (ANNUAL, PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED MAJOR STORMS) NO EVIDENCE OF FLOW GOING AROUND STRUCTURES NO EVIDENCE OF EROSION AT DOWNSTREAM TOE SOIL PERMEABILITY GROUNDWATER/BEDROCK		
3. VEGETATION (MONTHLY) MOWING DONE WHEN NEEDED MINIMUM MOWING DEPTH NOT EXCEEDED NO EVIDENCE OF EROSION AT DOWNSTREAM TOE FERTILIZED PER SPECIFICATION		
4. DEWATERING (MONTHLY) DEWATERS BETWEEN STORMS		
5. SEDIMENT DEPOSITION (ANNUAL) CLEAR OF SEDIMENT		
6. OUTLET/OVERFLOW SPILLWAY (ANNUAL) GOOD CONDITION, NO NEED FOR REPAIRS NO EVIDENCE OF EROSION		

GREEN ROOF MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. VISUAL INSPECTION (EVERY 3 MONTHS) A) VEGETATION VIABILITY (WATER WHEN NECESSARY) B) SIGN OF WATER LEAKAGE		
2. MAINTENANCE (EVERY 6 MONTHS) A) WEEDING OF INVASIVE SPECIES B) FERTILIZE IF NECESSARY C) MEMBRANE INSPECTION (REPLACE WHEN NECESSARY)		

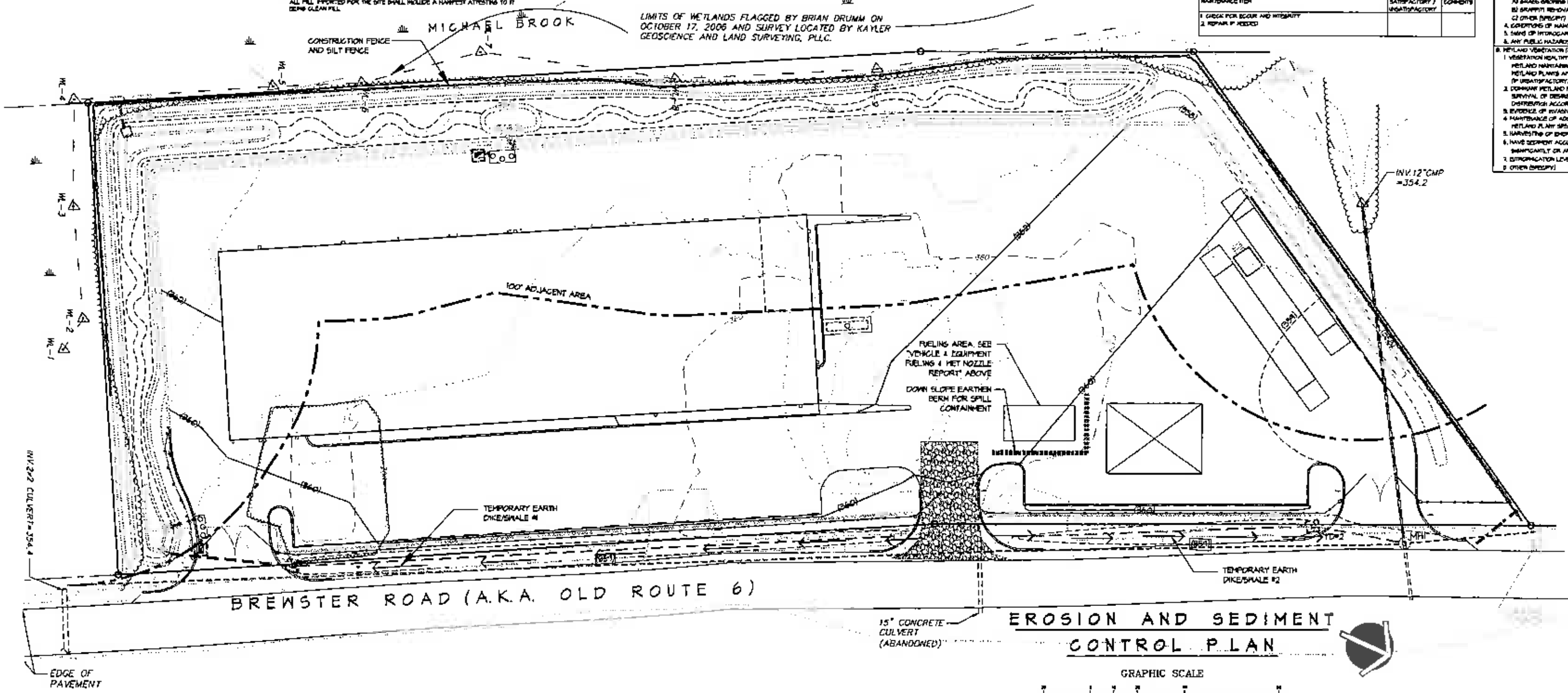
VORTECHS MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. VISUAL INSPECTION (EVERY 3 MONTHS) A) SEDIMENT ACCUMULATION B) LEVEL OF GREASE ON THE WATER SURFACE		
2. MAINTENANCE (EVERY 6 MONTHS OR AS ESTABLISHED AFTER FIRST YEAR OF OPERATION) A) VACUUM WHEN SEDIMENT ACCUMULATES WITHIN 6 INCHES OF THE DRY WEATHER WATER LEVEL. B) SIGN OF EROSION AROUND STRUCTURE C) OVERALL FUNCTION OF FACILITY IN GOOD CONDITION, NO NEED FOR REPAIR		

CATCH BASIN / YARD DRAIN / MANHOLE MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. VISUAL INSPECTION (EVERY 3 MONTHS) 1. SEDIMENT ACCUMULATION AT: A) FOH B) SUMP 2. SIGN OF EROSION AROUND STRUCTURE 3. SIGN OF STORMWATER BYPASS		
2. MAINTENANCE (EVERY 3 MONTHS) A) REMOVE SEDIMENT IN SUMP IF GREATER THAN 12" DEEP B) CLEAR RIM OF DEBRIS AND LEAVES C) CLEAR DEBRIS IN INLET CHANNEL D) REPAIR ERODED PORTION OF INLET CHANNEL (IF ANY)		

STORM PIPES (TWICE A YEAR AND BEFORE ALL MAJOR FORECASTED STORMS) MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. STRUCTURAL INTEGRITY 2. SIGN OF CLOGGAGE		

RIP RAP OUTLET PROTECTION (ONCE A YEAR AND AFTER MAJOR STORMS) MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
1. CHECK FOR SCOUR AND INTEGRITY 2. REPAIR IF NEEDED		

STORMWATER POND/WETLAND MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
A. EMBANKMENT AND EMERGENCY SPILLWAY (ANNUAL, PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED MAJOR STORMS) 1. VEGETATION AND GROUND COVER ADEQUATE 2. EMBANKMENT EROSION 3. ANIMAL BURROWS 4. UNAUTHORIZED PLANTING 5. CRACKING, BULGING, OR SLIDING OF DAM A) UPSTREAM FACE B) DOWNSTREAM FACE C) AT OR BEYOND TOE DOWNSTREAM UPSTREAM D) EMERGENCY SPILLWAY 6. POND, TOE & CHANNEL DRAINS CLEAR AND FUNCTIONING 7. SEEPS/LEAKS ON DOWNSTREAM FACE 8. SLOPE PROTECTION OR RIPRAP FAILURE 9. VERTICAL/HORIZONTAL ALIGNMENT OF TOP OF DAM "AS-BUILT" 10. EMERGENCY SPILLWAY CLEAR OF OBSTRUCTIONS AND DEBRIS 11. OTHER (SPECIFY)		
B. RISER AND PRINCIPAL SPILLWAY (ANNUAL) TYPE: REINFORCED CONCRETE CORRUGATED PIPE MASONRY 1. LOW FLOW ORIFICE OBSTRUCTED 2. LOW FLOW TRASH RACK A) DEBRIS REMOVAL NECESSARY B) CORROSION CONTROL 3. WEIR TRASH RACK MAINTENANCE A) DEBRIS REMOVAL NECESSARY B) CORROSION CONTROL 4. EXCESSIVE SEDIMENT ACCUMULATION INSIDER RISER 5. CONCRETE/MASONRY CONDITION RISER AND BARRELS A) CRACKS OR DISPLACEMENT B) MINOR SPALLING (<1") C) MAJOR SPALLING (REBARS EXPOSED) D) JOINT FAILURES E) WATER TIGHTNESS 6. METAL PIPE CONDITION 7. CONTROL VALVE A) OPERATIONAL/EXERCISED B) CHAINED AND LOCKED 8. POND DRAIN VALVE A) OPERATIONAL/EXERCISED B) CHAINED AND LOCKED 9. OUTFALL CHANNELS FUNCTIONING 10. OTHER (SPECIFY)		
3. PERMANENT POOL (WET PONDS) (MONTHLY) 1. UNDESIRABLE VEGETATION GROWTH 2. FLOATING OR FLOATABLE DEBRIS REMOVAL REQUIRED 3. VISIBLE POLLUTION 4. SHORELINE PROBLEM 5. OTHER (SPECIFY)		
4. SEDIMENT FOREBAYS 1. SEDIMENTATION NOTED 2. SEDIMENT CLEANOUT WHEN DEPTH <50% DESIGN DEPTH		
5. DRY POND AREAS 1. VEGETATION ADEQUATE 2. UNDESIRABLE VEGETATIVE GROWTH 3. UNDESIRABLE WOODY VEGETATION 4. LOW FLOW CHANNELS CLEAR OF OBSTRUCTIONS 5. STANDING WATER OR WET SPOTS 6. SEDIMENT AND/OR TRASH ACCUMULATION 7. OTHER (SPECIFY)		
6. CONDITION OF OUTFALLS (ANNUAL, AFTER MAJOR STORMS) 1. RIPRAP FAILURES 2. SLOPE EROSION 3. STORM DRAIN PIPES 4. ENDWALLS/HEADWALLS 5. OTHER (SPECIFY)		
7. OTHER (MONTHLY) 1. ENCROACHMENT ON POND, WETLAND OR EASEMENT AREA 2. COMPLAINTS FROM RESIDENTS 3. AESTHETICS A) GRASS GROWING REQUIRED B) GRAFFITI REMOVAL NEEDED C) OTHER (SPECIFY) 4. CONDITIONS OF MAINTENANCE ACCESS ROUTES 5. SIGNS OF HYDROCARBON BUILD-UP 6. ANY PUBLIC HAZARDS (SPECIFY)		
8. WETLAND VEGETATION (ANNUAL) 1. VEGETATION HEALTHY AND GROWING WETLAND MAINTAINING 50% SURFACE AREA COVERAGE OF WETLAND PLANTS AFTER THE SECOND GROWING SEASON. (IF UNSATISFACTORY, REINFORCEMENT PLANTINGS NEEDED) 2. DOMINANT WETLAND PLANTS SURVIVAL OF DESIRED WETLAND PLANT SPECIES DISTRIBUTION ACCORDING TO LANDSCAPING PLAN? 3. EVIDENCE OF INVASIVE SPECIES 4. MAINTENANCE OF ADEQUATE WATER DEPTHS FOR DESIRED WETLAND PLANT SPECIES 5. HARVESTING OF EMERGENT PLANTINGS NEEDED 6. HAVE SEDIMENT ACCUMULATIONS REDUCED POOL VOLUME SIGNIFICANTLY OR ARE PLANTS "CHOKED" WITH SEDIMENT 7. EUTROPHICATION LEVEL OF THE WETLAND 8. OTHER (SPECIFY)		



EROSION AND SEDIMENT CONTROL PLAN

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

EROSION CONTROL LEGEND:

(symbol)	EXISTING CONTOURS
(symbol)	EXISTING DRAINAGE PIPE
(symbol)	EXISTING VEGETATION LINE
(symbol)	TEMPORARY STAGING AREA
(symbol)	STABILIZED CONSTRUCTION ENTRANCE
(symbol)	TEMPORARY SWALE
(symbol)	LIMIT OF DISTURBANCE
— SF —	SILT FENCE
(symbol)	CONSTRUCTION FENCE
(symbol)	INLET PROTECTION

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REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
2	[illegible]	REVISED PER TE COMMENTS	12	[illegible]	DEP, DEC SUBMISSION
3	[illegible]	ADDED DIA APPROVAL	13	[illegible]	DEP, DEC SUBMISSION
4	[illegible]	REVISED PER PB & PE COMMENTS	14	[illegible]	PB, DEC SUBMISSION
5	[illegible]	PB SUBMISSION	15	[illegible]	CHANGES PER NYSDEC
6	[illegible]	NYCDEP SUBMISSION	16	[illegible]	REVISED PER NYSDEC
7	[illegible]	NYCDEP & NYSDEC SUBMISSION	17	[illegible]	DEC SUBMISSION
8	[illegible]	CHANGES PER NYSDEC	18	[illegible]	REV. PER P.E. COMMENTS
9	[illegible]	CHANGES PER NYSDEC	19	[illegible]	RESUBMISSION TO ECB
10	[illegible]	CHANGES PER NYSDEC	20	[illegible]	REVISIONS PER PENA MAP
11	[illegible]	PB SUBMISSION	21	[illegible]	SUBMISSION FOR PERMIT RENEWAL

PURSUANT TO NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209 SUBDIVISION 2, IT IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PROJECT
TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
80 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15

DATE	10/13/08
PROJECT MANAGER	[illegible]
DRAWN BY	[illegible]
CHECKED BY	[illegible]
SCALE	AS NOTED

DRAWING
EROSION AND SEDIMENT CONTROL PLAN

PROJECT NUMBER
6286

DRAWING NUMBER
C-141

SHEET [illegible] OF [illegible]