

ROBERT LAGA
Chairman

NICHOLAS FANNIN
Vice Chairman

RICHARD FRANZETTI, P.E.
Wetland Inspector

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
Anthony Federice
Nicole Sedran

ENVIRONMENTAL CONSERVATION BOARD AGENDA

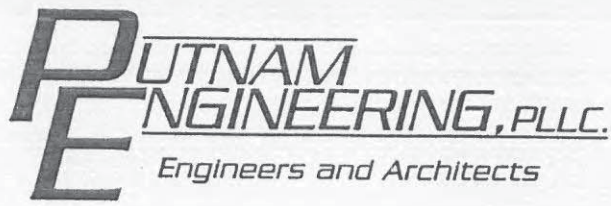
OCTOBER 21, 2021 – 7:30 P.M.

SUBMISSION OF APPLICATION OR LETTER OF PERMISSION

<u>APPLICANT</u>	<u>ADDRESS</u>	<u>TAX MAP #</u>	<u>COMMENTS</u>
1. Inzano, Anna	188 Bullet Hole Road	63.-1-16.2	Install Two Utility Poles Within Buffer
2. 12 Baldwin Ln LLC	12 Baldwin Lane	65.10-2-16	Addition and Expansion Of Existing Septic System

MISCELLANEOUS

3. Minutes – 10/07/21



October 7, 2021

Mr. Robeert Laga, Chairman
Town of Carmel ECB
60 McAlpin Avenue
Mahopac, NY 10541

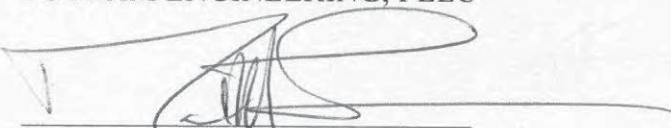
Re: Anna Inzano
188 Bullet Hole Road
(T) Carmel
TM 63.-1-16.2

Dear Chairman Laga and Members of the Board,

Mrs. Inzano has filed for a wetland permit in order to install two (2) utility poles within the regulated buffer so that electricity can be brought to her residence. It was originally believed that the utilities could be brought to the property through the access easement that she has with her neighbor. It has turned out that this is not the case and that Mrs. Inzano does not have the right to install utilities within the access easement area. N.Y.S.E.G. requires that an easement be granted to N.Y.S.E.G. from the neighbor since the installation work would be on the neighbor's property. The neighbor is unwilling to give N.Y.S.E.G. an easement. As a result, Mrs. Inzano is forced to install the two utility poles on her property, both of which will be within the wetland buffer.

Sincerely,

PUTNAM ENGINEERING, PLLC



Paul M. Lynch, P.E.
PML/rrm

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Chairman

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APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: ANNA INZANO
Address of Applicant: 9307 Caserta Street
Lake Worth, FL 33467 Email: anna1627@yahoo.com
Telephone# 914-497-0345 Name and Address of Owner if different from Applicant:

Property Address: 188 BULLER HILL RD, MAHOPAC Tax Map # 63.-1-16.2
Agency Submitting Application if Applicable: _____
Location of Wetland: EASTERN SIDE OF PROPERTY
Size of Work Section & Specific Location: SOUTHEAST SIDE OF PROPERTY - 2 - 8' x 8' areas to install utilities
Will Project Utilize State Owned Lands? If Yes, Specify: NO *poles.*

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).
The proposal is to set two (2) utility poles in the wetland buffer
in order to provide electrical service to the residence.

Proposed Start Date: 11/1/21 Anticipated Completion Date: 11/15/21 Fee Paid \$ 225

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.

Anna Inzano
SIGNATURE

9/30/2021
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: Inzano Single Family Residential Development			
Project Location (describe, and attach a location map): 188 Bullet Hole Road, Mahopac, NY 10541			
Brief Description of Proposed Action: To install two (2) utility poles in the wetland buffer so that electricity can be provided from NYSEG.			
Name of Applicant or Sponsor: Anna Inzano		Telephone: 914 497 0345	
Address: 9307 Caserta Street		E-Mail: annai627@yahoo.com	
City/PO: Lake Worth		State: Florida	Zip Code: 33467
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.			NO <input type="checkbox"/>
			YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:			NO <input type="checkbox"/>
			YES <input type="checkbox"/>
3. a. Total acreage of the site of the proposed action?		4.7 acres	
b. Total acreage to be physically disturbed?		0.02 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		4.7 acres	
4. Check all land uses that occur on, are adjoining or near the proposed action:			
5. <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)			
<input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			


5. Is the proposed action, a. A permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ Private Well _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ On site subsurface sanitary treatment system _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

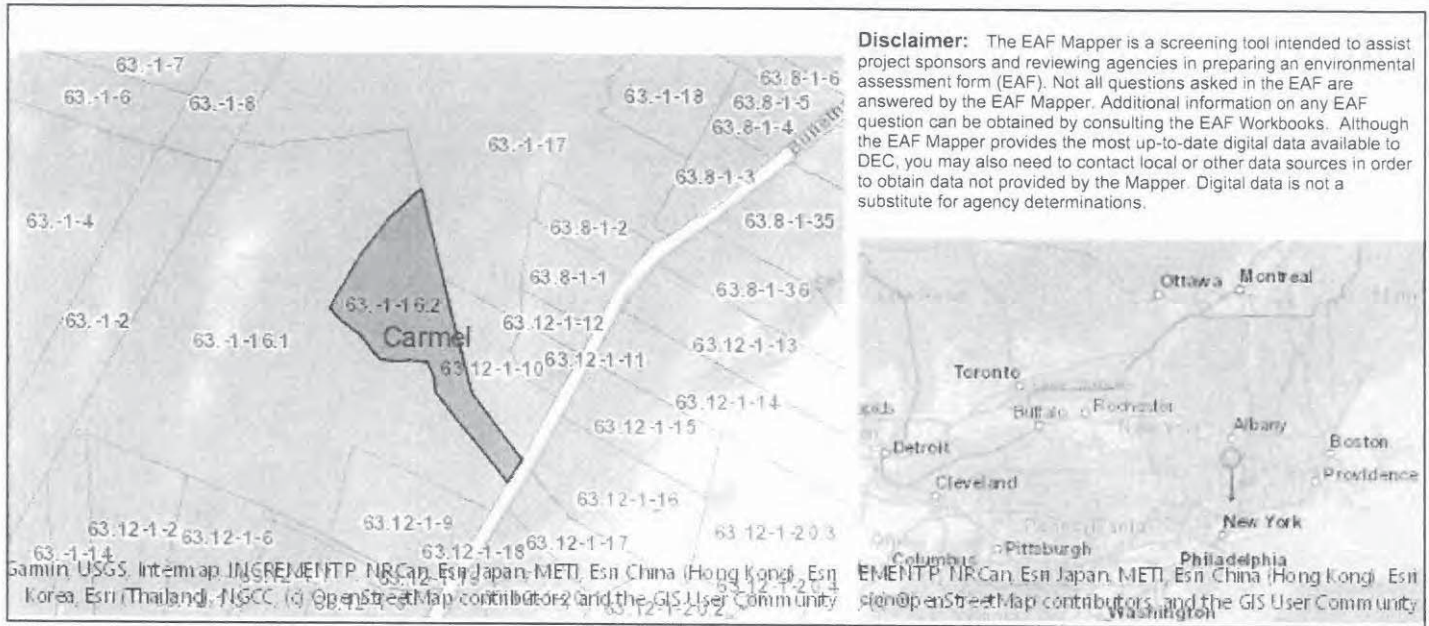
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:		
<input type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input checked="" type="checkbox"/> Early mid-successional <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Northern Long-eared Bat, Ti...	NO	YES
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Is the project site located in the 100-year flood plan?	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes,	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Will storm water discharges flow to adjacent properties?	<input type="checkbox"/>	<input type="checkbox"/>
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe:	<input type="checkbox"/>	<input type="checkbox"/>

18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>

19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe:	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>

20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe:	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE		
Applicant/sponsor/name: <u>Paul M. Lynch</u> Date: <u>9/30/2021</u>		
Signature: <u></u> Title: <u>Principal Engineer</u>		



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



ENGINEER'S REPORT

FOR

PROVIDING ELECTRICAL SERVICE

TO

188 BULLET HOLE ROAD

TOWN OF CARMEL

T.M. 63-1-16.2

PREPARED FOR

ANNA INZANO
188 BULLET HOLE ROAD
MAHOPAC, NY 10541



October, 2021

On September 5, 2019, The Carmel Environmental Conservation Board granted a wetland permit (#914) to Mrs. Inzano in order to construct a driveway through the buffer area to her future residence. At the time of that application/approval it was unknown to Mrs. Inzano that she did not have the right to use the driveway easement area located on the Jordano and Gervasi property to install utilities that would be brought to her house.

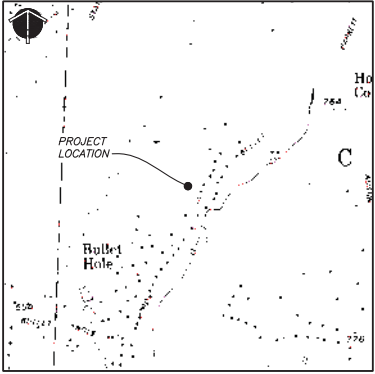
The application before the Board is to install two (2) utility poles in the wetland buffer so that electric can be run from the utility pole located on the east side of Bullet Hole Road to Mrs. Inzano's driveway. The excavation for the utility poles will be hand dug and the pole located off the driveway will be set by machine. The pole set between Bullet Hole Road and Mrs. Inzano's driveway will be set by hand. The only disturbance will be the digging of the holes and carrying the one pole down to its installation spot. There will be pruning of shrubs to allow for a direct line of access. It is also anticipated that trimming of tree limbs will be required. Those limbs that are not reachable from the ground will require a tree climber trim them. After the poles are set and backfilled the disturbed area will be raked and seeded.

The total area of disturbance will be well under 1,000 square feet.

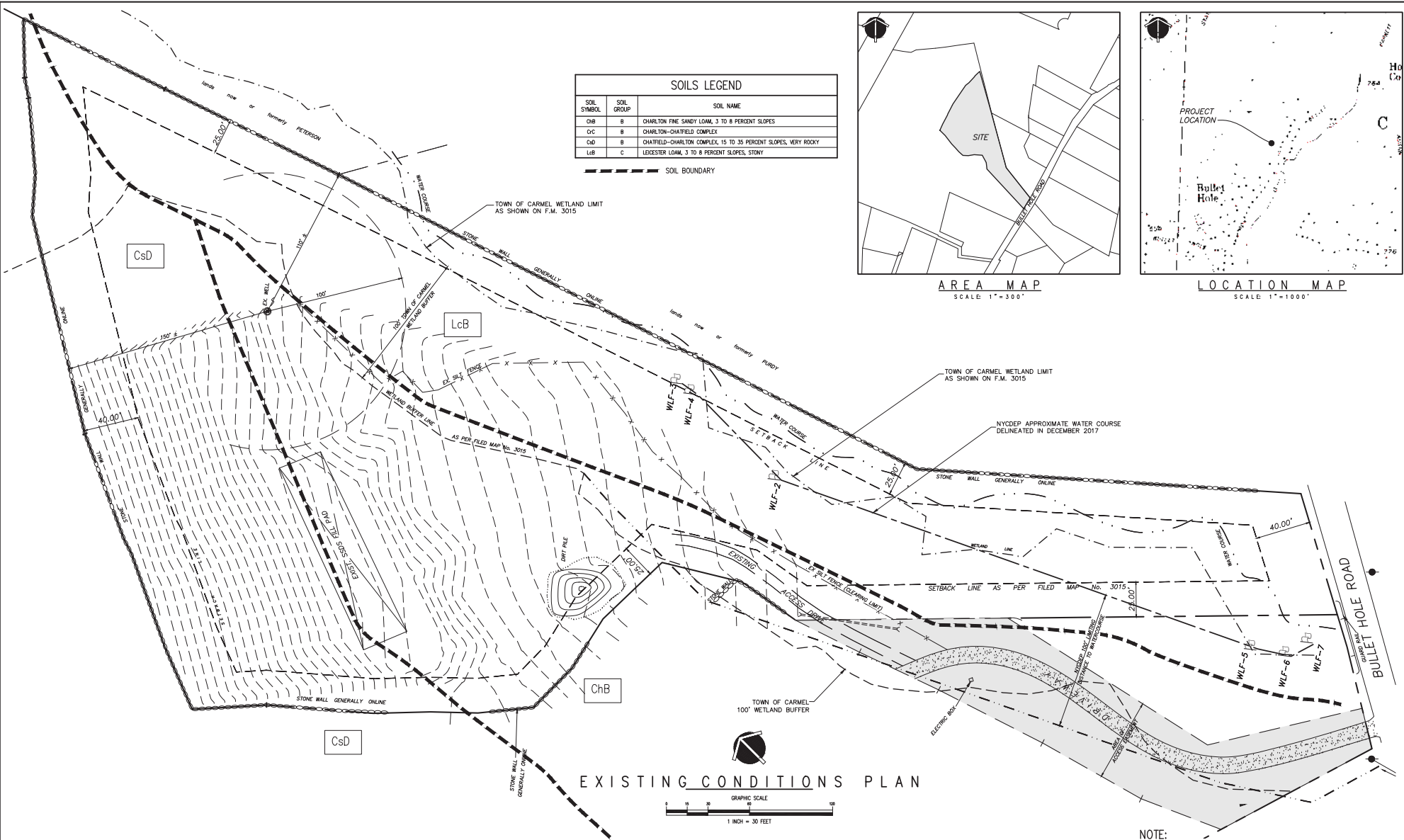
SOILS LEGEND		
SOIL SYMBOL	SOIL GROUP	SOIL NAME
CsB	B	CHARLTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES
CcC	B	CHARLTON-CHATFIELD COMPLEX
CdD	B	CHATFIELD-CHARLTON COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY
LcB	C	LEICESTER LOAM, 3 TO 8 PERCENT SLOPES, STONY



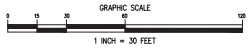
AREA MAP
SCALE: 1"=300'



LOCATION MAP
SCALE: 1"=1000'



EXISTING CONDITIONS PLAN



NOTE:
THIS EXISTING CONDITION PLAN IS TAKEN FROM A SURVEY PREPARED BY LINK LAND SURVEYORS P.C., DATED FEBRUARY 7, 2018.

PUTNAM ENGINEERING, PLLC
ENGINEERS - ARCHITECTS

4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6769 FAX (845) 279-6769
P. PUTNAM ENGINEERING PLLC 2018

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."

REVISIONS			DESCRIPTION
NO.	DATE	REVISION	
1	08/05/18	REVISE PER CARMEL EOB	
2	09/18/18	ADDED TOPSOIL STOCKPILE	
3	10/10/18	MODIFIED AREA CALCULATIONS	
4	02/12/2019	REVISE PER NYCEP COMMENTS	
5	04/02/2019	REVISE PER NYCEP COMMENTS	
6	10/03/2021	ADD UTILITY SERVICE	

PROJECT

PLAN PREPARED FOR:
MRS. ANNA INZANO
188 BULLET HOLE ROAD
TOWN OF CARMEL
PUTNAM COUNTY, NY
TAX MAP 63, BLOCK 1, LOT 16.2

DATE	16 JUL 18
PROJECT MANAGER	PHL
DRAWN BY	IS
CHECKED BY	PHL
SCALE	AS NOTED

DRAWING

EXISTING CONDITIONS PLAN

PROJECT NUMBER
8327
DRAWING NUMBER
E-1
SHEET 1 OF 2

TOWN of CARMEL GENERAL EROSION CONTROL NOTES:

- A. CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- B. WHENEVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- C. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
- D. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
- E. THE PERMANENT FINAL VEGETATION AND STRUCTURES SHALL BE INSTALLED AS SOON AS PRACTICAL AND AS MAY BE DIRECTED BY THE ENGINEER.

AREA of DISTURBANCE:

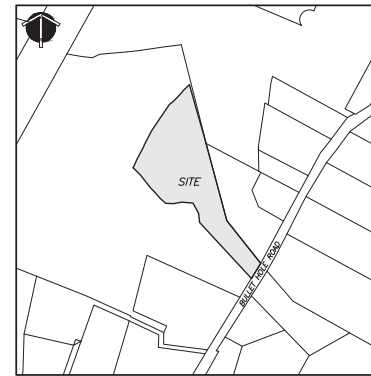
AREA OF DISTURBANCE = 98244 S.F. (2.22 AC.)
 TOTAL FILL TO SITE = 700 C.Y.

IMPERVIOUS SURFACES:

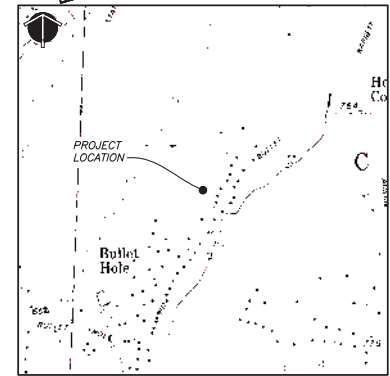
EXISTING IMPERVIOUS SURFACES = 0 S.F.
 PROPOSED IMPERVIOUS SURFACES = 2,178 S.F.
 TOTAL IMPERVIOUS SURFACES = 2,178 S.F.

SOILS LEGEND

SOIL SYMBOL	SOIL GROUP	SOIL NAME
ChB	B	CHARLTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES
CcC	B	CHARLTON-CHAPEL COMPLEX
CdD	B	CHAPEL-CHARLTON COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY
LcB	C	LECHESTER LOAM, 3 TO 8 PERCENT SLOPES, STONY



AREA MAP
SCALE 1"=300'



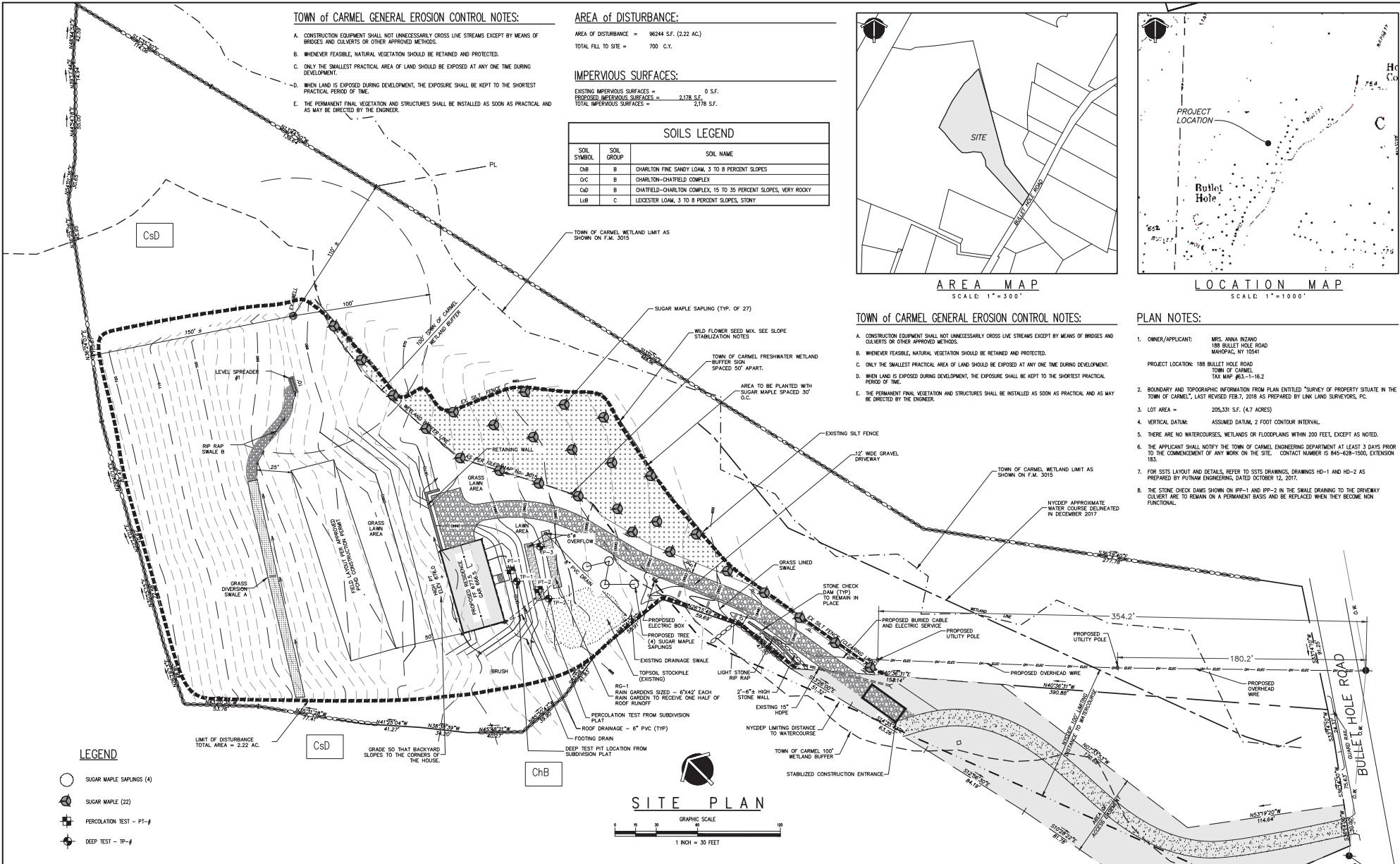
LOCATION MAP
SCALE 1"=1000'

TOWN of CARMEL GENERAL EROSION CONTROL NOTES:

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- E. THE PERMANENT FINAL VEGETATION AND STRUCTURES SHALL BE INSTALLED AS SOON AS PRACTICAL AND AS MAY BE DIRECTED BY THE ENGINEER.

PLAN NOTES:

- 1. OWNER/APPLICANT: MRS. ANNA INZANO
188 BULLE HOLE ROAD
TOWN OF CARMEL, NY 12041
- 2. PROJECT LOCATION: 188 BULLE HOLE ROAD
TOWN OF CARMEL, NY 12041
TAX MAP 63-1-16.2
- 3. LOT AREA = 205,331 S.F. (4.7 ACRES)
- 4. VERTICAL DATUM: ASSUMED DATUM, 2 FOOT CONTOUR INTERVAL.
- 5. THERE ARE NO WATERCOURSES, WETLANDS OR FLOODPLAINS WITHIN 200 FEET, EXCEPT AS NOTED.
- 6. THE APPLICANT SHALL NOTIFY THE TOWN OF CARMEL ENGINEERING DEPARTMENT AT LEAST 3 DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE SITE. CONTACT NUMBER IS 845-638-1500, EXTENSION 183.
- 7. FOR SITS LAYOUT AND DETAILS, REFER TO SITS DRAWINGS, DRAWINGS HD-1 AND HD-2 AS PREPARED BY PUTNAM ENGINEERING, DATED OCTOBER 12, 2017.
- 8. THE STONE CHECK DAMS SHOWN ON SP-1 AND SP-2 IN THE SWALE DRAINING TO THE DRIVEWAY CULVERT ARE TO REMAIN ON A PERMANENT BASIS AND BE REPLACED WHEN THEY BECOME NON FUNCTIONAL.



SITE PLAN
GRAPHIC SCALE
1 INCH = 30 FEET

LEGEND

- SUGAR MAPLE SAPLINGS (4)
- SUGAR MAPLE (22)
- ⊕ PERCOLATION TEST - PT-#
- ⊕ DEEP TEST - TP-#



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 (845) 279-6769 FAX (845) 279-6769
 PUTNAM ENGINEERING PLLC 2018

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5	04/02/2019	REVISE PER NYCDP COMMENTS
6	10/03/2021	ADD UTILITY SERVICE

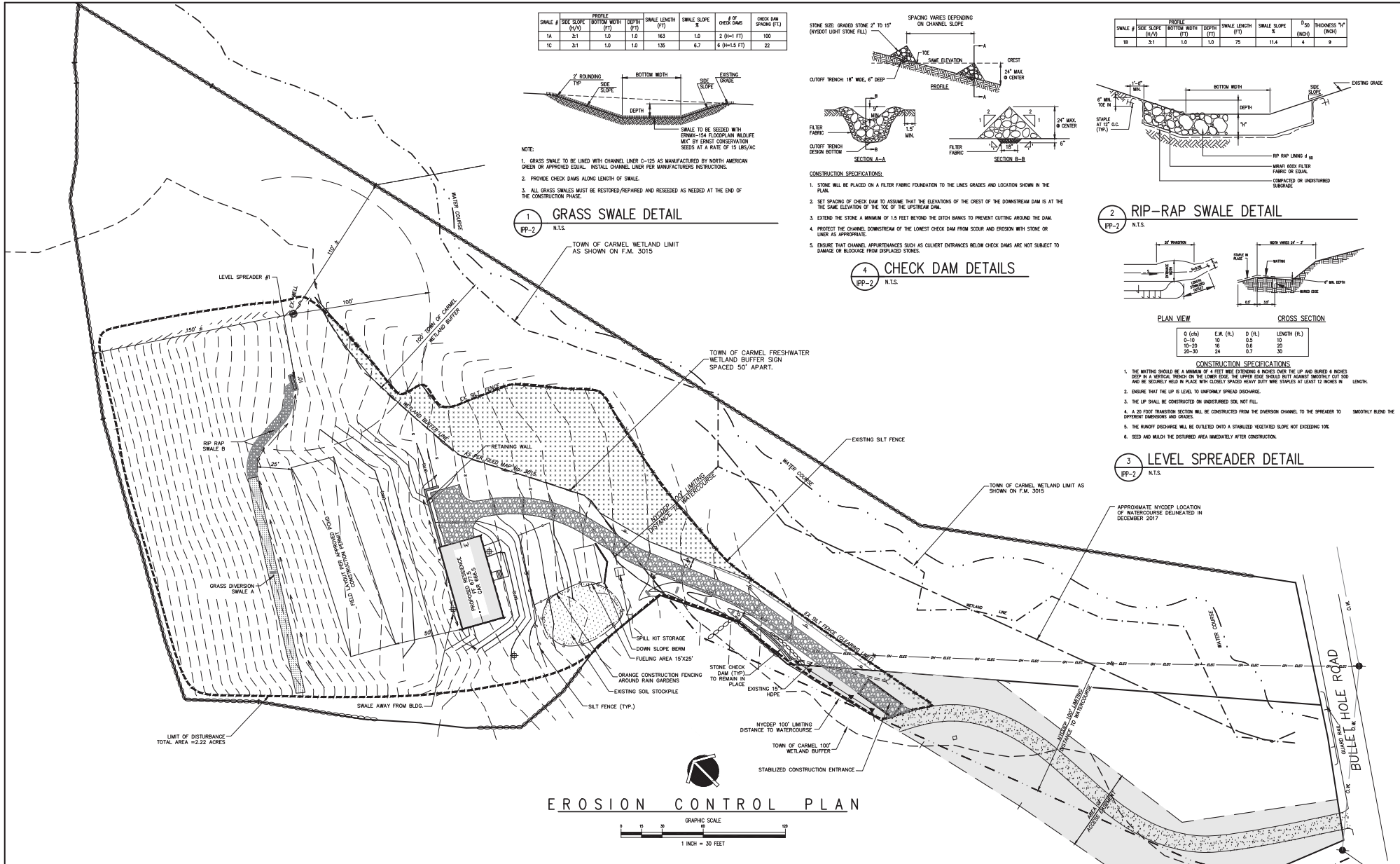
PROJECT

PLAN PREPARED FOR:
 MRS. ANNA INZANO
 188 BULLE HOLE ROAD
 TOWN OF CARMEL
 PUTNAM COUNTY, NY
 TAX MAP 63, BLOCK 1, LOT 16.2

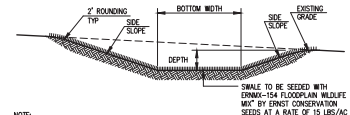
DATE	16 JUL 18
PROJECT MANAGER	PHL
DRAWN BY	CS
CHECKED BY	PHL
SCALE	AS NOTED

INTEGRATED PLOT PLAN

PROJECT NUMBER	8327
DRAWING NUMBER	IPP-1
SHEET	2 OF 2

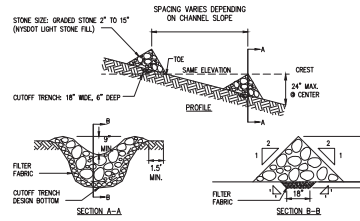


SWALE #	PROFILE	DEPTH (FT)	SWALE LENGTH (FT)	SWALE WIDTH (FT)	# OF CHECK DAMS	CHECK DAM SPACING (FT)
1A	3:1	1.0	135	1.0	2 (9=1 FT)	100
1C	3:1	1.0	135	6.7	6 (9=1.5 FT)	22



NOTE:
 1. GRASS SWALE TO BE LINED WITH CHANNEL LINER C-125 AS MANUFACTURED BY NORTH AMERICAN GREEN OR APPROVED EQUAL. INSTALL CHANNEL LINER PER MANUFACTURERS INSTRUCTIONS.
 2. PROVIDE CHECK DAMS ALONG LENGTH OF SWALE.
 3. ALL GRASS SWALES MUST BE RESTORED/REPAIRED AND RESEDED AS NEEDED AT THE END OF THE CONSTRUCTION PHASE.

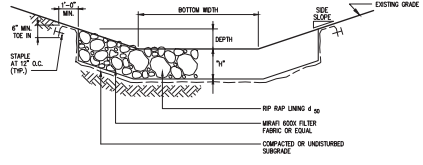
1 GRASS SWALE DETAIL
 I.P.P.-2 N.T.S.



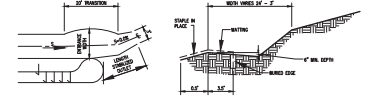
CONSTRUCTION SPECIFICATIONS:
 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES GRADES AND LOCATION SHOWN IN THE PLAN.
 2. SET SPACING OF CHECK DAM TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT OUTFLOW AROUND THE DAM.
 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

4 CHECK DAM DETAILS
 I.P.P.-2 N.T.S.

SWALE #	PROFILE	DEPTH (FT)	SWALE LENGTH (FT)	SWALE WIDTH (FT)	D ₅₀ (INCH)	THICKNESS "A" (INCH)
1B	3:1	1.0	75	11.4	4	9



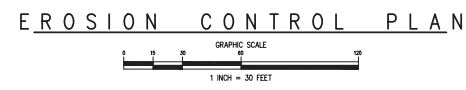
2 RIP-RAP SWALE DETAIL
 I.P.P.-2 N.T.S.



PLAN VIEW	CROSS SECTION
Q (cfs)	E.W. (F.L.)
0-10	0.0
10-20	16
20-30	24

CONSTRUCTION SPECIFICATIONS:
 1. THE MATTING SHOULD BE A MINIMUM OF 4 FEET WIDE EXTENDING 6 INCHES OVER THE LP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT AND BE SECURELY HELD IN PLACE WITH CLOSEST GRADES HEAVY DUTY WIRE STAPLES AT LEAST 12 INCHES IN LENGTH.
 2. ENSURE THAT THE LP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
 3. THE LP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL, NOT FILL.
 4. A 20 FOOT TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT CHANNELS AND GRADES.
 5. THE RUNOFF DISCHARGE WILL BE OUTFLOW ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
 6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

3 LEVEL SPREADER DETAIL
 I.P.P.-2 N.T.S.



PITMAN ENGINEERING, P.C.
 ENGINEERS - ARCHITECTS
 4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6769 FAX (845) 279-6769
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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."

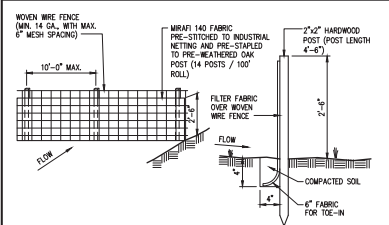
REVISIONS		PROJECT
NO.	DATE	DESCRIPTION
1	08/05/18	REVISE PER CARMEL EOB
2	09/18/18	ADDED TOPSOIL STOCKPILE
3	10/10/18	MODIFIED AREA CALCULATIONS
4	02/12/2019	REVISE PER NYDEP COMMENTS
5	04/02/2019	REVISE PER NYDEP COMMENTS
6	10/03/2021	ADD UTILITY SERVICE

PROJECT
 PLAN PREPARED FOR:
 MRS. ANNA INZANO
 188 BULLET HOLE ROAD
 TOWN OF CARMEL
 PUTNAM COUNTY, NY
 TAX MAP 63, BLOCK 1, LOT 16.2

DATE: 16 JUL 18
 PROJECT MANAGER: P.M.
 DRAWN BY: P.M.
 CHECKED BY: P.M.
 SCALE: AS NOTED

EROSION CONTROL PLAN

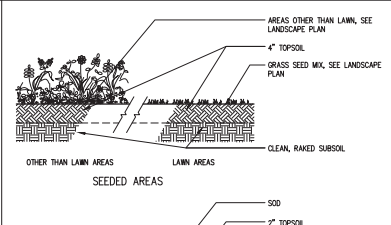
PROJECT NUMBER: 1882
 DRAWING NUMBER: I.P.P.-2
 SHEET 3 OF 7



CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE 2" X 4" HARDWOOD.
- FILTER FABRIC TO BE IMBEDDED IN SOIL A MIN. OF 6 INCHES. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- INSPECTION TOP OR BOTTOM OF CONSTRUCTION SHALL BE MADE PROMPTLY AS ARE STABILIZED AND VEGETATED.
- SILT FENCE TO BE REMOVED AT END OF CONSTRUCTION BUT NOT BEFORE ALL DISTURBED AREAS ARE STABILIZED AND VEGETATED.
- FOR SILT FENCE INSTALLATION ON PAVED AREAS, REMOVE PORTION OF ASPHALT NECESSARY TO TIE-IN THE FABRIC AND TO INSTALL THE POSTS. THE PAVEMENT SHALL BE RESTORED BEFORE FINAL SITE CLEANING.

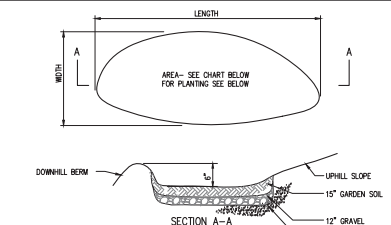
1 SILT FENCE DETAILS
 (1) N.T.S.
 (PP-2)



CONSTRUCTION SPECIFICATIONS

- THIS IS A GENERIC RAIN GARDEN DETAIL. THE LENGTH AND WIDTH OF THE GARDEN, AS WELL AS SHAPE MAY VARY. THE TOTAL SURFACE AREA SHALL BE AS LISTED ABOVE.
- GARDEN SOIL SHALL BE 50%-70% SAND (LESS THAN 5% CLAY CONTENT) AND 50%-30% TOPSOIL (WITH AN AVERAGE OF 5% ORGANIC MATERIAL) AND FREE OF STONES, ROCKS AND WOOD DEBRIS AND ANIMAL WASTE.
- GRAVEL SHALL BE CLEAN WASHED GRAVEL, APPROXIMATELY 1.5-2.0 INCHES DIAMETER ROCK.

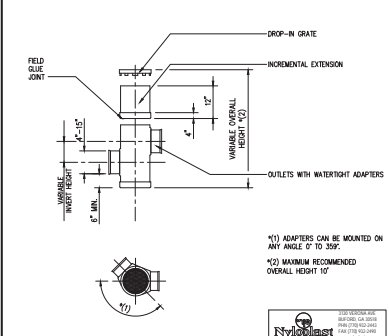
2 SEEDING DETAILS
 (1) N.T.S.
 (PP-2)



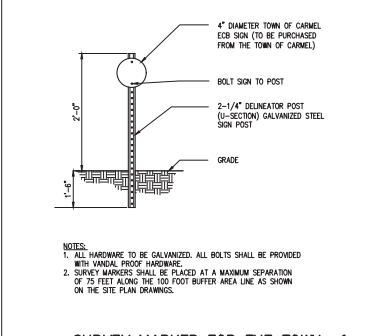
CONSTRUCTION SPECIFICATIONS

- FOR RAIN GARDEN LOCATION, REFER TO DRAWING PIP-1. TO DIVERSIFY LANDSCAPE APPEARANCE AND TO PROVIDE PLANTS BEST SUITABLE FOR THE SUN EXPOSURE AT THE SITE, ONLY GENERAL PLANTING INSTRUCTIONS ARE PROVIDED. RAIN GARDENS SHALL HAVE NUMBER OF SHRUBS AND PERENNIALS AS LISTED ABOVE. THE LANDSCAPER WILL BE RESPONSIBLE FOR THE PLANT SELECTION.
- PLANTS SHALL BE CONTAINER GROWN WITH A WELL ESTABLISHED ROOT SYSTEM.
- THICKET HARDWOOD MULCH SHOULD BE APPLIED UP TO 2\"/>

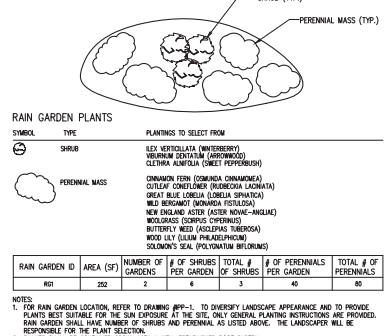
3 RAIN GARDEN DETAILS
 (1) N.T.S.
 (PP-2)



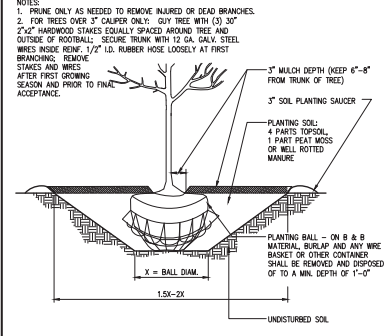
4 'NYLOPLAST' YARD DRAIN DETAIL
 (1) N.T.S.
 (PP-2)



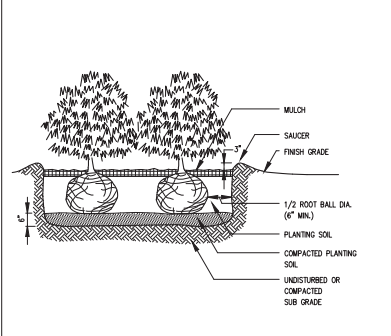
5 SURVEY MARKER FOR THE TOWN OF CARMEL FRESHWATER WETLAND BUFFER
 (1) N.T.S.
 (PP-2)



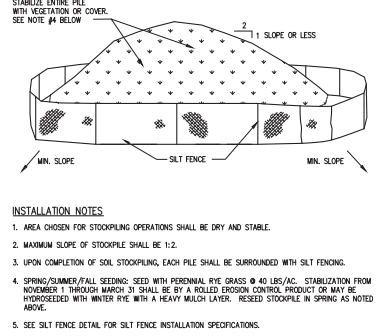
6 RAIN GARDEN PLANTINGS
 (1) N.T.S.
 (PP-2)



7 TREE PLANTING DETAIL
 (1) N.T.S.
 NOTE: ALL PLANTING SHALL BE INSTALLED PER SECTION 142 OF THE TOWN OF CARMEL TOWN CODE.



8 SHRUB PLANTING DETAIL
 (1) N.T.S.
 NOTE: ALL PLANTING SHALL BE INSTALLED PER SECTION 142 OF THE TOWN OF CARMEL TOWN CODE.



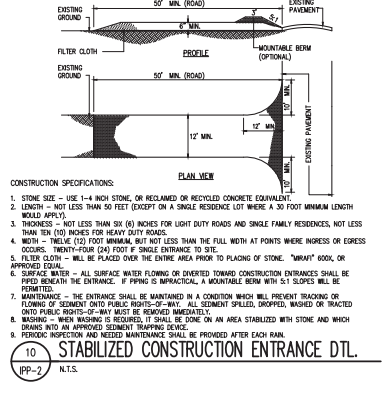
9 TOPSOIL STOCKPILE DETAIL
 (1) N.T.S.
 (PP-2)

SLOPE STABILIZATION NOTES:

- TEMPORARY VEGETATIVE COVER:
 - SCAFFRY COMPACTED SOIL AREAS. SEED AS FOLLOWS: SPRING/SUMMER/EARLY FALL PLANTING: ANNUAL RYEGRASS AND CEREAL OATS AT 30 LBS./AC.
 - LATE FALL/EARLY WINTER PLANTING: ADDITIONAL WINTER RYE AT 100 LBS./AC.
 - MULCH WITH NOT LESS THAN ONE (1) INCH AND NOT MORE THAN THREE (3) INCHES OF STRAW WITH AN APPLICATION RATE OF TWO TONS PER ACRE. PROVIDE 90 PERCENT COVERAGE TO PROTECTED SURFACE. 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 LAIDER 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.
- PERMANENT VEGETATIVE COVER:
 - GRADE TO FINISHED SLOPES.
 - SCAFFRY COMPACTED SOIL AREAS. SEED AS FOLLOWS: MAINTAINED TURF GRASS: SEED: KENTUCKY BLUE GRASS LBS./AC. 28
 - WILDOFLOWER AREAS: NATIVE STEEP SLOPE MIX WITH ANNUAL RYEGRASS SEED MIX. CORN-150 IS MIX WITH ERNST CONSERVATION SEEDS, WITH AN APPLICATION RATE OF 60 LBS./AC.
 - MULCH WITH NOT LESS THAN ONE (1) INCH AND NOT MORE THAN THREE (3) INCHES OF STRAW WITH AN APPLICATION RATE OF TWO TONS PER ACRE. PROVIDE 90 PERCENT COVERAGE TO PROTECTED SURFACE. ANCHOR AS NEEDED.
 - FOR DISTURBED AREAS WITH SLOPES GREATER THAN 1V : 3H, INSTEAD OF MULCH/EROSION CONTROL BLANKET/MATting SUCH AS NORTH AMERICAN GREEN 3500 (OR APPROVED EQUAL) SHALL BE USED. THE DISTURBED AREA SHALL BE PREPARED AS RECOMMENDED BY THE EROSION CONTROL BLANKET/MATting MANUFACTURER. PRIOR TO INSTALLATION, DISTURBED AREAS SHALL BE SEED AS DESCRIBED ABOVE.

ON-SITE POLLUTION CONTROL MEASURES:

- THERE SHALL BE A RECEPTACLE PLACED ON THE SITE TO TEMPORARILY STORE GARAGE, DEBRIS OR CONSTRUCTION WASTE MATERIAL. THE CONTAINER SHALL NOT BE USED TO TRANSFER ANY GARAGE FROM ANY OTHER OFF-SITE ACTIVITY.
- 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.
- THE SITE SHALL BE INSPECTED AT THE END OF EACH WORKDAY AND TRASH, DEBRIS AND GARAGE SHALL BE PICKED UP AND PLACED IN ON-SITE DUMPSTERS OR OTHERWISE REMOVED FROM THE SITE.
- A PORTABLE TOILET FACILITY SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND AN ADDITIONAL FACILITY FOR EVERY 10 ON-SITE WORKERS.
- CONSTRUCTION VEHICLES SHALL BE SERVICED OFF-SITE AT A PROPER FACILITY. LEAKING OR OIL REPAIRED VEHICLES SHALL NOT BE LOCATED ON SITE. NO OIL CHANGES ARE PERMITTED ON SITE. TUBING OF VEHICLES ON SITE SHALL BE CAREFULLY PERFORMED USING AN APPROVED DISPENSER NOZZLE HOSE AND PUMP SPILLS SHALL PROMPTLY BE REPORTED TO THE INSPECTOR AND TOWN. OIL ABSORBENT PADS AND ROLLS SHALL BE USED TO TEMPORARILY CONTAIN ANY SPILLS.
- CHEMICAL, SOLID OR HERBICIDES SHALL NOT BE USED ON DURING CONSTRUCTION.
- THE CONTAINERS SHALL BE OF SUFFICIENT SIZE FOR THE CONSTRUCTION ACTIVITY. CONTAINERS SHALL BE EMPLOYED BY AN APPROVED CARTER TO A PROPER FACILITY WHEN FULL. CONTAINERS SHALL BE COVERED TO PREVENT MELTDOWN OF RAIN AND TO PREVENT OTHER BODINE DEBRIS REMOVAL.
- 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.
- THERE SHALL BE NO OPEN PITS OR BARREL PITS PERMITTED.
- 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.



10 STABILIZED CONSTRUCTION ENTRANCE DTL.
 (1) N.T.S.
 (PP-2)

SEQUENCE OF CONSTRUCTION:

TOTAL AREA OF DISTURBANCE = 2.2 ACRES.

- IN ORDER TO EFFECTIVELY CONTROL EROSION AND SEDIMENT, CONTRACTOR SHALL ADHERE TO THE LOCATION, MATERIALS AND PROCEDURES SHOWN ON THE PIP PLAN.
- SURVEY AND STAKE OUT PROPOSED HIGHWAY, DRIVEWAY AND STORMWATER BMP LOCATIONS.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- MAINTAIN SILT FENCE IMMEDIATELY DOWNSTREAM OF PROPOSED DISTURBANCE WHERE INDICATED ON PLAN. ALL SILT FENCES TO BE INSTALLED PARALLEL TO CONTOURS.
- ADD CONSTRUCTION FENCING (ORANGE) AROUND THE RAIN GARDEN AREA.
- SHAPE FUELING AREA AND STORE SILT KIT WHERE SHOWN.
- STRIP AND STOCKPILE BALANCE OF TOPSOIL FROM THE CLEARED AREA TO THE BEST OF THE PROPOSED HIGHWAY AND STORE AT EXISTING TOPSOIL STOCKPILES AS SHOWN ON THE PLAN. INSTALL INVERSION SHIELD AND LIME SPREADER.
- COMPLETE ROUGH GRADING AT SITE. FILL TO BE PLACED IN 8 INCH LAYS AND COMPACTED TO 95 PERCENT DRY DENSITY BY MECHANICAL MEANS. FILL SHALL BE FREE FROM ROCKS, VEGETATION AND OVERSIZED STONES. HOLD RETAINING WALL AS GRADING PROGRESSES.
- ONCE THE ABOVE DESCRIBED EARTHWORK IS COMPLETED, IT MUST BE TEMPORARILY STABILIZED WITHIN ONE (1) DAY FOLLOWING COMPLETION.
- BUILD THE HOUSE, INSTALL ROOF DRAINS, CONNECT HOUSE TO ALL UTILITIES, TRENCHES TO BE BACKFILLED IMMEDIATELY UPON COMPLETION OF INSTALLATION OF PIPES AND CABLES. EXPOSED SOIL TO BE STABILIZED IMMEDIATELY AFTER BACKFILL.
- CONSTRUCT SUBSURFACE SEWAGE TREATMENT SYSTEM.
- COMPLETE GRADING, SEED AND STABILIZE DISTURBED AREAS IMMEDIATELY AFTER GRADING.
- REMOVE FUELING AREA AND PLACE SILT KIT IN GARAGE OF HOME.
- INSTALL THE RAIN GARDEN AND STABILIZE, INSTALL THE OVERFLOW AND OUTLET PIPING. LANDSCAPE THE RAIN GARDEN.
- INSTALL CONNECTING PIPES FROM THE HOUSE LATERAL TO THE RAIN GARDEN.
- INSTALL GRAVEL ON ENTIRE LENGTH OF DRIVEWAY.
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES TO INCLUDE SILT FENCE.
- UPON COMPLETION OF ABOVE ACTIVITIES AND SATISFACTORY ESTABLISHMENT OF VEGETATION ON DISTURBED AREAS, CONTRACTOR TO PERFORM FINAL CLEANUP OF THE PROJECT SITE AND FILE N.O.T. AFTER TOWN ENGINEER SIGNS OFF FOR COMPLETION.

EROSION CONTROL GENERAL NOTES:

- THE SITE SHALL BE DISTURBED ONLY AS INDICATED ON THESE PLANS.
- THE CONTRACTOR SHALL MAKE AVAILABLE ON-SITE, ALL EQUIPMENT, MATERIALS AND LABORS NECESSARY TO EFFECT EMERGENCY REPAIR.
- THE CONTRACTOR SHALL PROVIDE A TELEPHONE NUMBER TO THE DIRECTOR OF CODE ENFORCEMENT FOR USE IN EMERGENCY SITUATIONS.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO THIS DRAWING.
- CONTRACTOR SHALL STOCKPILE SOIL ONLY IN DESIGNATED STORAGE AREAS. ALL OTHER MATERIALS SHALL BE EXCAVATED, MOVED, COMPACTED IN PLACE AND STABILIZED IN ACCORDANCE WITH SLOPE STABILIZATION NOTES AT THE TIME OF PLACEMENT.
- CONTRACTOR SHALL FOLLOW OSHA REQUIREMENTS FOR CONSTRUCTION ACTIVITIES, INCLUDING ADEQUATE PROTECTIVE SYSTEM FOR TRENCHING AND EXCAVATIONS.
- MAINTAINMENT FILL MATERIAL SHALL BE FREE FROM ALL ROOTS, VEGETATION AND OVERSIZED FILL TO BE PLACED IN 8 INCH LAYS AND COMPACTED TO 95 PERCENT PROCTOR BY MECHANICAL MEANS. FILL TO BE PLACED ON SURFACE ORGANIC SUB GRADE.
- ALL DISTURBED AREAS ARE CONSIDERED "STABILIZED" WHEN 80 PERCENT OF UNIFORM, PERENNIAL VEGETATIVE COVER IS ACHIEVED OR EQUIVALENT STABILIZATION MEASURES (SUCH AS MULCHES, EROSION CONTROL, BLANKET, ETC) HAVE BEEN EMPLOYED.
- THERE SHALL BE NO DISBURSMENTS OF AUTOMOTIVE PRODUCTS OR LIQUIDS TO THE EXTERIOR OR STORMWATER SYSTEMS. ALL LIQUIDS SHALL BE CONTAINED AND PROPERLY TREATED AT A PROPER FACILITY.

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 OPERATORS AND SUBCONTRACTORS IN PROPER FUELING PROCEDURES. SATISFALE APPLICATIONS

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

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

IMPLEMENTATION

- DISCONTINUE "TOPPING-OFF" OF FUEL TANKS.
- ASSIGNMENT SPLIT CLEANUP MATERIALS AND SPILL KITS SHALL BE AVAILABLE IN FUELING AREAS AND ON FUELING TRUCKS, AND SHOULD BE DEPOSITED 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 DESIGNATED FUELING AREA.
- USE ABSORBENT MATERIALS ON SMALL SPILLS. DO NOT WASH OR BURN THE SPILL. REMOVE THE ABSORBENT MATERIALS PROMPTLY AND DISPOSE OF PROPERLY.
- AVOID MOBILE FUELING OF MOBILE CONSTRUCTION EQUIPMENT AROUND THE SITE. BARNFORTH, THE EQUIPMENT TO DESIGNATED FUELING AREAS. WITH THE EXCEPTION OF TRACTED EQUIPMENT SUCH AS BULLDOZERS AND LARGE EXCAVATORS, MOST VEHICLES SHOULD NOT BE 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 RUNOFF, AND SHOULD BE LOCATED AT LEAST 50 FEET AWAY FROM DOWNSTREAM DRAINAGE FACILITIES AND WATERCOURSES. FUELING MUST BE PERFORMED IN LEAK-OR-GRADE AREAS.
- PROTECT FUELING AREAS WITH BARRIERS AND SIGNS TO PREVENT RUNOFF, FLOOD, 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 THROUGH A SERVICE CENTER OR EQUIPMENT SHOULD BE REMOVED FROM THE PROJECT SITE.
- KEEP WARE SURFACES OF SPILL CLEANUP MATERIALS ON-SITE.
- IMMEDIATELY CLEAN UP SPILLS AND PROPERLY DISPOSE OF CONTAMINATED SOIL AND CLEANUP MATERIALS.

PUTNAM ENGINEERING, PLLC
 ENGINEERS - ARCHITECTS

4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6785 FAX (845) 279-6789
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REVISONS	NO.	DATE	DESCRIPTION
1	09/02/18	REVISE PER CARMEL EOB	
2	09/18/18	ADDED TOPSOIL STOCKPILE	
3	10/10/18	MODIFIED AREA CALCULATIONS.	
4	02/12/2019	REVISE PER NYDEP COMMENTS	
5	04/02/2019	REVISE PER NYDEP COMMENTS	
6	10/03/2021	ADD UTILITY SERVICE	

PROJECT

PLAN PREPARED FOR:
 MRS. ANNA INZANO
 188 BULLET HOLE ROAD
 TOWN OF CARMEL
 PUTNAM COUNTY, NY
 TAX MAP 83, BLOCK 1, LOT 16.2

DATE: 16 JUL 18
 PROJECT MANAGER: F.M.L.
 DRAWN BY: F.S.
 CHECKED BY: F.M.L.
 SCALE: AS NOTED

DRAWING: INTEGRATED PLOT PLAN DETAILS and NOTES

PROJECT NUMBER: 1837
 DRAWING NUMBER: IPP-3
 SHEET 4 OF 7

ROBERT LAGA
Chairman

NICHOLAS FANNIN
Vice Chairman

RICHARD FRANZETTI
Wetland Inspector

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
Anthony Federice
Nicole Sedran

APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: 12 BALDIN LN, LLC OWNER: MIKE GUO _____

Address of Applicant: 168 E. LAKE BLVD, MAHOPAC, NY 10541 _____ Email: GUO16838@YAHOO.COM

Telephone# 914-523-9450 _____ Name and Address of Owner if different from Applicant:

Property Address: 12 BALDWIN LA, MAHOPAC, NY 10541 _____ Tax Map # 65.1Q-2-16 _____

Location of Wetland: REAR YARD OF PROPERTY _____ Size of Work Section & Specific Location: 8,000
SQUARE FOOT AT REAR YARD OF HOUSE FOR SEPTIC INSTALLATION _____

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).

Expansion of existing septic system

Proposed Start Date: 10/30/2021 Anticipated Completion Date: 12/1/2021 Fee Paid \$ 1,000.00 _____

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

10/18/2021

DATE

Short Environmental Assessment Form

Part 1 - Project Information


Instructions for Completing

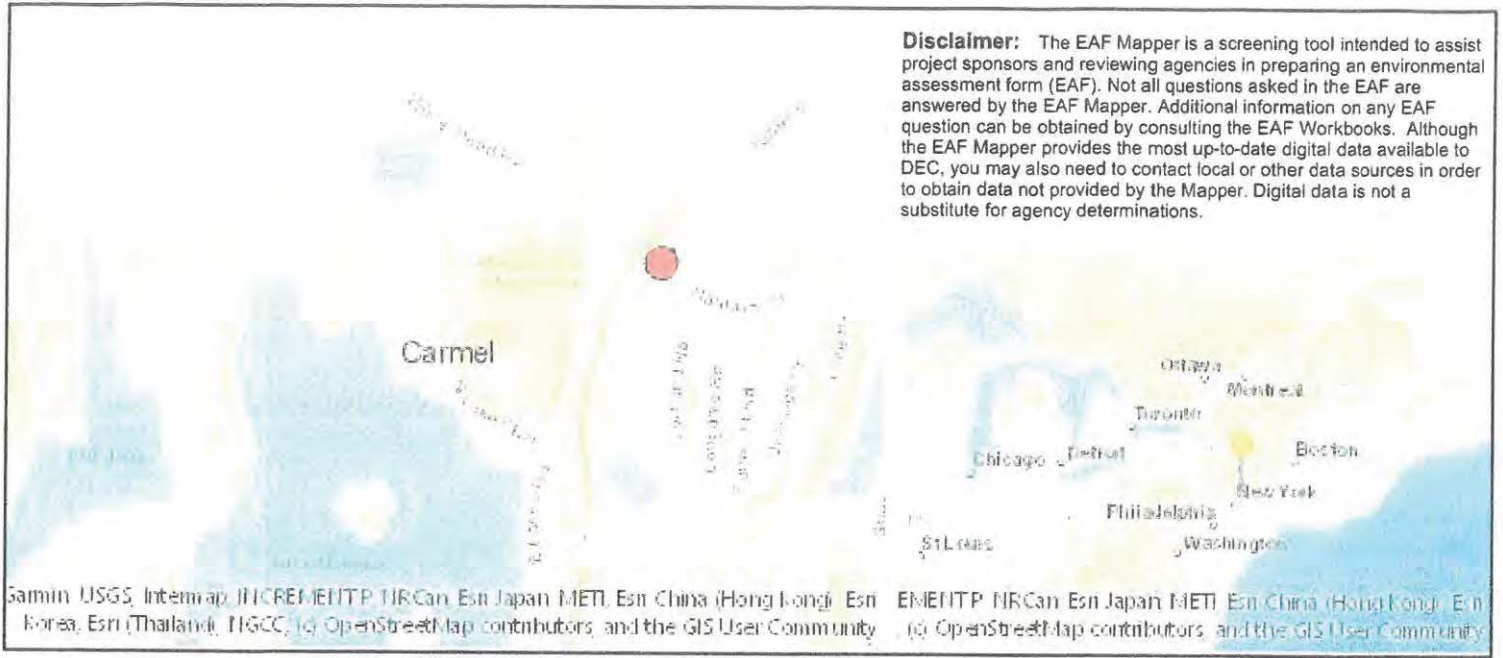
Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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			
12 Baldwin Ln, LLC			
Name of Action or Project: Mike Guo House			
Project Location (describe, and attach a location map): 12 Baldwin Lane, Mahopac, NY TM # 65.1-2-16			
Brief Description of Proposed Action: Addition to an existing residence. repair and expansion of existing septic system for a single family home.			
Name of Applicant or Sponsor: Mike Guo		Telephone: 914-523-9450	
		E-Mail: GUO16838@yahoo.com	
Address: 12 Baldwin Ln			
City/PO: Mahopac		State: NY	Zip Code: 10541
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO <input type="checkbox"/>
			YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: ECB wetland permit			NO <input type="checkbox"/>
			YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action?		0.7959 acres	
b. Total acreage to be physically disturbed?		0.3 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		0.7959 acres	
4. Check all land uses that occur on, are adjoining or near the proposed action:			
5. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO	YES	N/A	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?			
			NO	YES
			<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____			NO	YES
			<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. a. Will the proposed action result in a substantial increase in traffic above present levels?			NO	YES
			<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Are public transportation services available at or near the site of the proposed action?			<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?			<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____			NO	YES
			<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____			NO	YES
			<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____			NO	YES
			<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?			NO	YES
			<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?			<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?			NO	YES
			<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ LOCAL WETLANDS. 0.2 AC _____ _____				

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Northern Long-eared Bat	NO	YES
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Is the project site located in the 100-year flood plan?	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes,	NO	YES
a. Will storm water discharges flow to adjacent properties?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If Yes, briefly describe: _____ _____		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe:	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe:	NO	YES
_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE		
Applicant/sponsor/name: <u>Mike Guo</u> Date: <u>10/14/2021</u>		
Signature: <u></u> Title: <u>owner</u>		



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

