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Vice Chairman

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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

DECEMBER 2, 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 – 10/21/21



October 11, 2021

Mr. Robert Laga, Chairman
Town of Carmel ECB
60 McAlpin Avenue
Mahopac, New York 10541

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

Dear Chairman Laga and Members of the Board,

The NYSEG company will be installing a single pole on the west side of Bullet Hole Road. This was confirmed with NYSEG representatives on Friday October 29th at an on-site meeting. As a result the Inzanos will need to install two (2) poles as previously discussed at the Boards October 21st meeting. NYSEG will allow the pole to be a maximum of 180 feet from the pole they install. We have shown our first pole to be 178 feet away. The second pole will be on the east side of the Inzano Driveway in the existing cleared area.

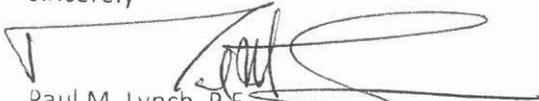
Method of Construction:

The first option is to cut a 5 foot wide path as shown on the plan in order to walk down to the pole location and hand dig with an appropriate power driven auger. A boom truck would be used to pick up the pole, swing it into position and then set it in the hole. Whatever backfilling is needed around the pole will be installed and compacted. The excess soil generated from the augering will be carried out of the site. The area will be raked seeded and mulched with appropriate wetland seed mix as specified in our plans.

Option 2

For contingency purposes we have developed and shown a second method of installing the utility pole. This method will involve clearing a 12 foot wide by approximate 170 foot long strip of land. Vegetation (brush, small trees) would be cut flush with grade so that access mats can be laid on the ground surface in order for a piece of heavy equipment (excavator) to 'walk' the pole down to where it is needed. A power driven hand auger would be used to excavate the hole for the pole. The excavator would be used to lift and set the pole. Once complete the excess excavated soil would be removed along with the mats. The area of disturbance would be seeded and mulched in accordance with the specified seed found in our plans.

Sincerely

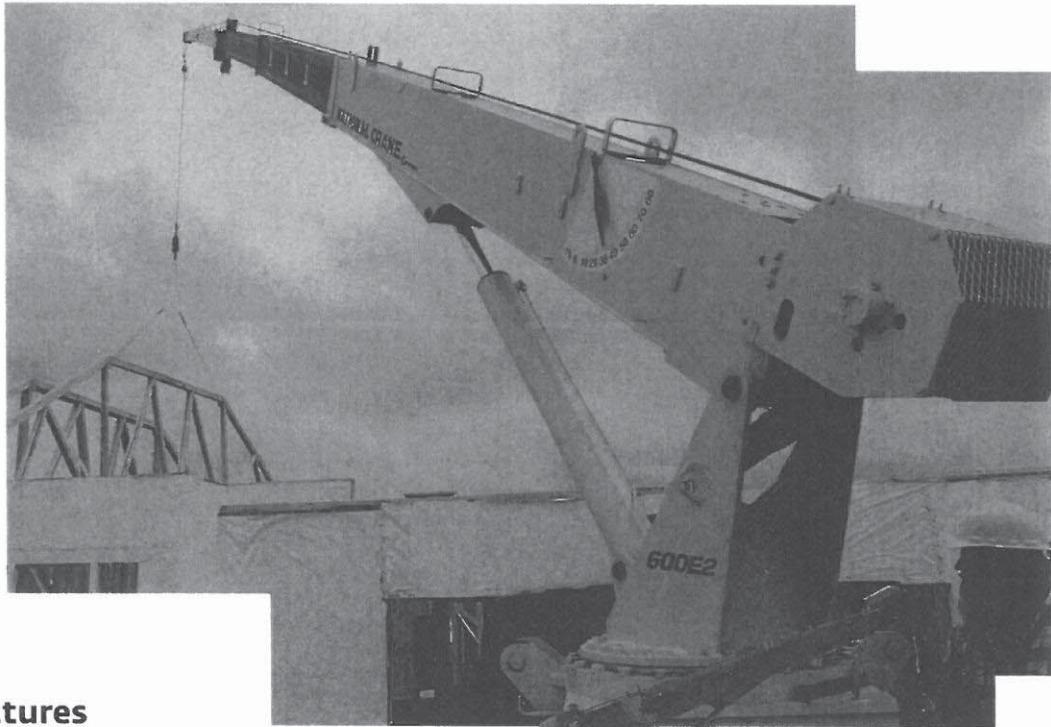

Paul M. Lynch, P.E.

To learn more about this model, call 414-764-9200 or visit giuffre.com today!

Grove Manitowoc National Crane Potain



National Crane 600E2 Series Product Guide



Features

- 27.4 m (90 ft) four-section boom
- 18.1 t (20 USt) rating
- Self-lubricating Easy Glide wear pads
- Internal anti-two block



AVAILABLE AT:

GIUFFRE.COM

GIUFFRE BROS CRANES INC.

6635 SOUTH 14TH ST. MILWAUKEE, WI 53221

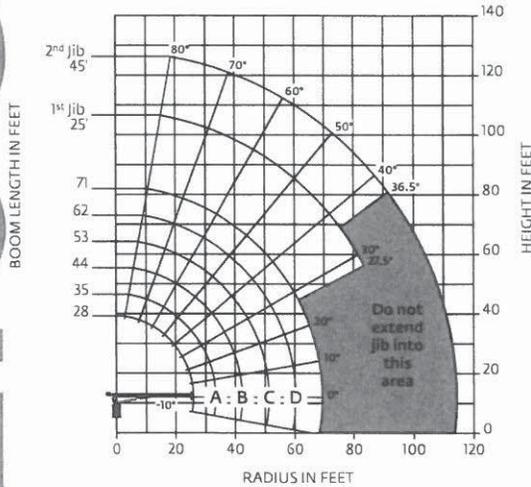
414-764-9200 • 877-321-3710

To learn more about this model, call 414-764-9200 or visit giuffre.com today!

Capacities

Series 671E2: 21,64 m (71 ft) boom with 13,72 m (45 ft) jib

National Crane will send you a chart on request – or you may secure needed load rating information through your nearest National Crane dealer.



CAUTION:

- Do not operate crane booms, jib extensions, any accessories or loads within 3 m (10 ft) of live power lines or other conductors of electricity.
- Jib and boom capacities shown are maximum for each section.
- Do not exceed capacities at reduced radii
- Load ratings shown on the load rating charts are maximum allowable loads with the outriggers properly extended on a firm, level surface and the crane leveled and mounted on a factory recommended truck.
- Always level the crane with the level indicator located on the crane.
- The operator must reduce load to allow for factors such as wind, ground conditions, operating speeds and their effects on freely suspended loads.
- Overloading this crane may cause structural collapse or instability.
- Weights on any accessories attached to the boom or loadline must be deducted from the load chart capacities.
- Do not exceed jib capabilities at any reduced boom lengths.
- Do not deadhead lineblock against boom tip when extending boom or winching up.
- Keep at least three wraps of loadline on drum at all times.
- Use only specified cable with this machine.

Note:

1. Operate with jib by radius when main boom is fully extended. If necessary increase boom angle to maintain loaded radius.
2. Operate with jib by boom angle when main boom is not fully extended. Do not exceed rated jib capacities at any reduced boom lengths.

Load chart

LOADED RADIUS (ft)	LOADED BOOM ANGLE (deg)	28 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	A 35 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	B 44 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	C 53 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	D 62 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	71 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	25 ft JIB (lb)	LOADED BOOM ANGLE (deg)	45 ft JIB (lb)
5	77	40,000														
8	70.5	25,550	75	24,750	78.5	24,250										
10	65.5	23,000	71.5	21,000	76	20,450	79	20,100								
12	61	17,900	68	17,950	73	17,450	76.5	17,150	79	16,550						
14	56	16,000	64.5	15,550	70.5	15,500	74.5	15,000	77	14,400	79	12,450				
16	50.5	14,300	60.5	13,700	67.5	13,650	72	13,250	75	12,750	77.5	12,450				
20	38	11,300	52.5	11,100	61.5	10,950	67	10,700	71	10,350	74	10,050				
25	19.5	7650	40.5	8900	53.5	8700	61	8500	66	8300	69.5	8050	75.5	4400		
30			26	6600	45.5	7100	55	7000	61	6850	65.5	6600	72.5	3900	76.5	2600
35					35	5800	48.0	5850	55.5	5750	61	5700	69	3200	74	2450
40					20	4100	40.0	4900	49.5	4850	56	4800	66	2750	72	2300
45							29.5	4050	43	4050	51	4150	62.5	2350	69	2100
50							14.0	2450	35	3400	45.5	3550	59.5	2000	66.5	1900
55									25.5	2700	39	3000	55.5	1750	64	1700
60									10	1500	31.5	2500	52	1500	61	1500
65											22	1900	48	1300	58.5	1350
70													43.5	1100	55	1200
75													39	900	52	1050
80													33.5	700	48.5	900
85													27.5	600	45	800
90															41	700
95															36.5	600
	0	4200	0	3100	0	1850	0	1150	0	650						

NOTE:

1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.
3. Shaded areas are structurally limited capacities.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.



AVAILABLE AT:

GIUFFRE.COM

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4615 SOUTH 14TH ST., MILWAUKEE, WI 53221

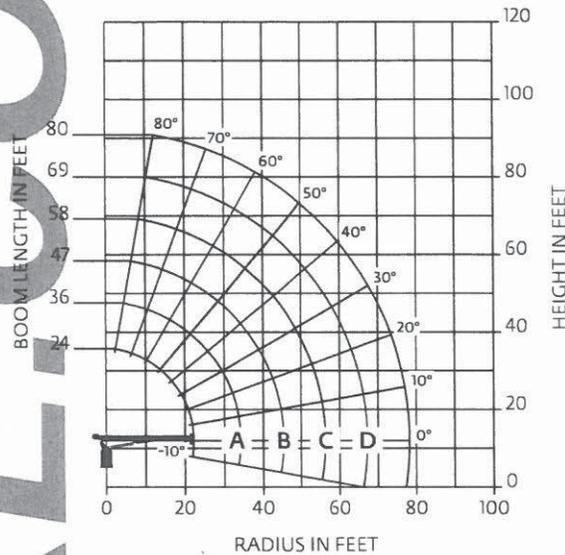
414-764-9200 • 877-321-3710

To learn more about this model, call 414-764-9200 or visit giuffre.com today!

Capacities

Series 680E2: 24,38 m (80 ft) boom

National Crane will send you a chart on request – or you may secure needed load rating information through your nearest National Crane dealer.



CAUTION:

- Do not operate crane booms, jib extensions, any accessories or loads within 3 m (10 ft) of live power lines or other conductors of electricity.
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- Load ratings shown on the load rating charts are maximum allowable loads with the outriggers properly extended on a firm, level surface and the crane leveled and mounted on a factory recommended truck.
- Always level the crane with the level indicator located on the crane.
- The operator must reduce load to allow for factors such as wind, ground conditions, operating speeds and their effects on freely suspended loads.
- Overloading this crane may cause structural collapse or instability.
- Weights on any accessories attached to the boom or loadline must be deducted from the load chart capacities.
- Do not exceed jib capabilities at any reduced boom lengths.
- Do not deadhead lineblock against boom tip when extending boom or winching up.
- Keep at least three wraps of loadline on drum at all times.
- Use only specified cable with this machine.

Load chart

LOADED RADIUS (ft)	LOADED BOOM ANGLE (deg)	24 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	A 36 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	B 47 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	C 58 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	D 69 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	80 ft BOOM (lb)
5	76	40,000										
8	68	27,100	75	25,400								
10	62.5	22,400	72	21,400	76.5	20,600						
12	56.5	19,500	68.5	18,350	74	17,550	77.5	17,050				
14	50.5	17,100	65	16,000	71.5	15,300	75.5	14,750				
16	43.5	14,750	61	14,200	70	13,550	73.5	13,050	77	12,350		
20	27	11,100	53.5	11,450	63.5	11,000	69.5	10,550	73.5	10,300	77	8550
25			43	9750	55.5	9000	64	8450	69	8200	73	8000
30			29.5	7000	48	7200	58.5	7050	64.5	6850	69	6550
35					39	5850	52	5900	59.5	5700	65	5500
40					28	4650	45	4300	54.5	4850	61	4650
45					7.5	2900	37	4100	49	4150	56.5	4000
50							28	3450	43	3500	52	3450
55							13.5	2200	36	2950	47	3000
60									28	2450	41.5	2550
65									16	1550	35.5	2150
70											28.5	1700
75											18.5	1150
0		5800	0	3050	0	1750	0	1000				

NOTE:

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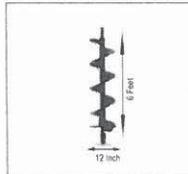
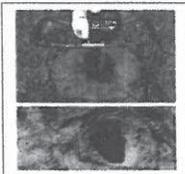
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Heavy Duty 12 Inch Post Hole Digger Auger Bit, 6 Feet Soil Digging Drill

Rs. ~~10540.00~~ Rs. 6540.00 (Including GST)

QUICK OVERVIEW

Buy 12 Inch Post Hole Digger Auger bit, 6 Feet soil digging drillonline at lowest price in India. Shop POST HOLE DIGGERS / AUGER BITS / Auger Bit 12-inch Online at Krishitool.com. (https://krishitool.com/product-details.php?item_id=1067)

Specification:

- Product name : Auger Bits
- Brand Name : Indian
- Feature : Single blade
- Inch : 12 Inch(304.8 MM)
- Depth Size : 6 Feet



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For lightweight maneuverability and tough capability, the Scout Mat™ is what you need. This access mat handles a wide variety of equipment and heavy machinery. Yet these composite mats are lightweight and can be moved manually by two people. HDPE construction ensures they are durable, easy to clean, and will last a long time.

The Scout Mat™ is a light duty access mat capable of big responsibilities. Large operations can use them to reduce transportation costs and fuel consumption. Small-project contractors will find that having 30 of these composite mats is a smart move. No one wants to spend time on re-planting or other turf disruptions.

PROUDLY MADE IN THE USA.
SCOUT MAT™ WORKS GREAT FOR:

Ground Protection Mats

Access Mats

Construction Mats



Size

2'x8' ▼

Material

No Rubber ▼

Quantity

1 ▼



Installation

- Mats should be in good condition to ensure proper installation, use and removal.
- Operating heavy equipment in wetlands shall be minimized, and such equipment other than fixed equipment (drill rigs, fixed cranes, etc.) shall not be stored, maintained, fueled or repaired in wetlands unless the equipment is broken down and cannot be easily removed.
- An adequate supply of spill containment equipment shall be maintained on site.
- General Permits in New England do not authorize dragging construction mats into position in waters of the U.S.
- Woody vegetation (trees, shrubs, etc.) shall be cut at or above ground level and not uprooted in order to prevent disruption to the wetland soil structure and to allow stump sprouts to revegetate the work area.
- Where feasible, place mats in a location that would minimize the amount needed for the wetlands crossing.
- Minimize impacts to wetland areas during installation, use, and removal.
- Install adequate erosion and sediment controls at approaches to mats to promote a smooth transition to, and minimize sediment tracking onto, swamp mats.
- In most cases, construction mats should be placed along the travel area so that the individual boards are resting perpendicular to the direction of traffic. No gaps should exist between mats. Place mats far enough on either side of the resource area to rest on firm ground.
- Provide standard construction mat BMP details to work crews (examples provided below).

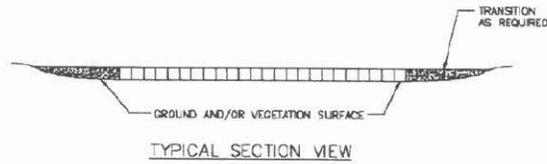
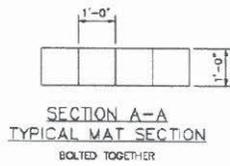
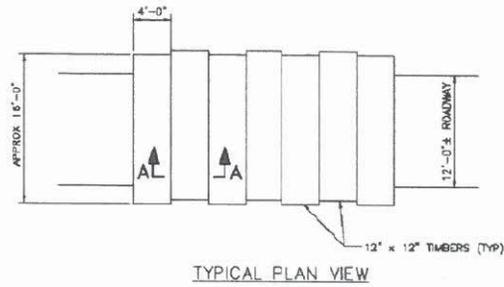
Wetland/Stream Channel Crossing

- At “dry” crossings where no flow is present or anticipated during project construction, the mats may be placed directly onto the ground in order to prevent excessive rutting, provided stream banks and bottoms are not adversely altered.
- Construction mats may be used as a temporary bridge over a stream to allow vehicles access to the work site. Small sections of mat are placed within and along the stream parallel to the flow of water. Mats may then be placed perpendicular to the stream, resting on top of the initial construction mat supports. It may be necessary to place additional reinforcement for extra stability and to minimize the amount of sediment that could fall between the spaces of each timber.
- In areas where wildlife passage or migration is a consideration, mats may be installed in accordance with the diagram “Typical Stream Crossing with Swamp Mats.”
- Mats should not be placed so that they restrict the natural flow of the stream.
- Minimize number of stream/wetland crossings. Where feasible, locate crossing site where stream channel is narrow for the shortest possible clear span and where stream banks are stable and well defined. For large wetland complexes, consider accessing structures from opposite sides where possible to avoid crossing the entire wetland.
- More than one layer of mats may be necessary in areas which are inundated or have deep organic wetland soils.

Maintenance	
	<ul style="list-style-type: none"> Matted wetland crossings should be monitored to assure correct functioning of the mats. Inspect mats after use. Look for any defects or structural problems. Mats which become covered with soils or construction debris should be cleaned and the materials removed and disposed of in an upland location. The material should not be scraped and shoveled into the resource area. Mats which become imbedded must be reset or layered to prevent mud from covering them or water passing over them.
Removal	
	<ul style="list-style-type: none"> Matting should be removed by “backing” out of the site, removing mats one at a time. Any rutting or significant indentations identified during mat removal should be regraded immediately, taking care not to compact soils. Mats should be cleaned before transport to another wetland location to remove soil and any invasive plant species seed stock or plant material. Mats shall be cleaned of soil and any invasive plant species seed stock or plant material from before installation. Cleaning methods may include but are not limited to shaking or dropping mats in a controlled manner with a piece of machinery to knock off attached soil and debris, spraying with water or air, and sweeping. Crossings should be inspected following mat removal to determine the level of restoration required.
Restoration	
	<ul style="list-style-type: none"> Special precautions should be taken to promptly stabilize areas of disturbed soil located near wetlands and streams. Matted areas within wetlands shall be restored to their original condition and elevation. This may involve natural revegetation from existing root and seed stock of native plant species. Conditions may warrant planting and the broadcast of a wetland seed mix over the matted area to supplement the existing seed and rootstock. Seed mixes and vegetation shall contain only plant species native to New England. The use of mulch in wetlands shall consist of weed-free mulch to mitigate the risk of the spread of invasive plant species.

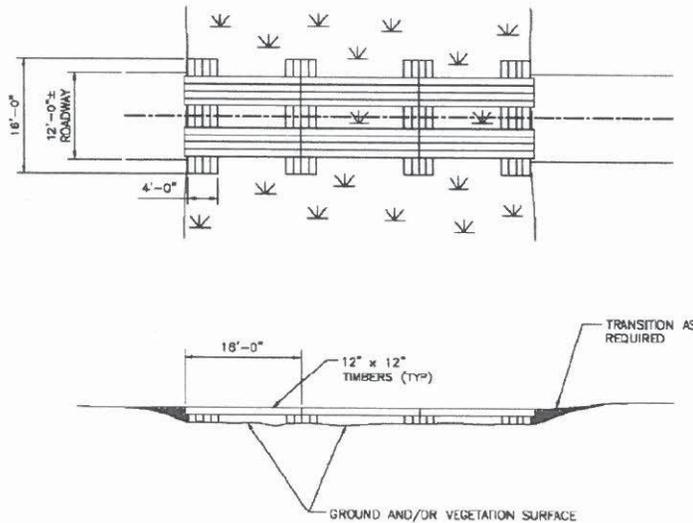
Example Mat Diagrams -

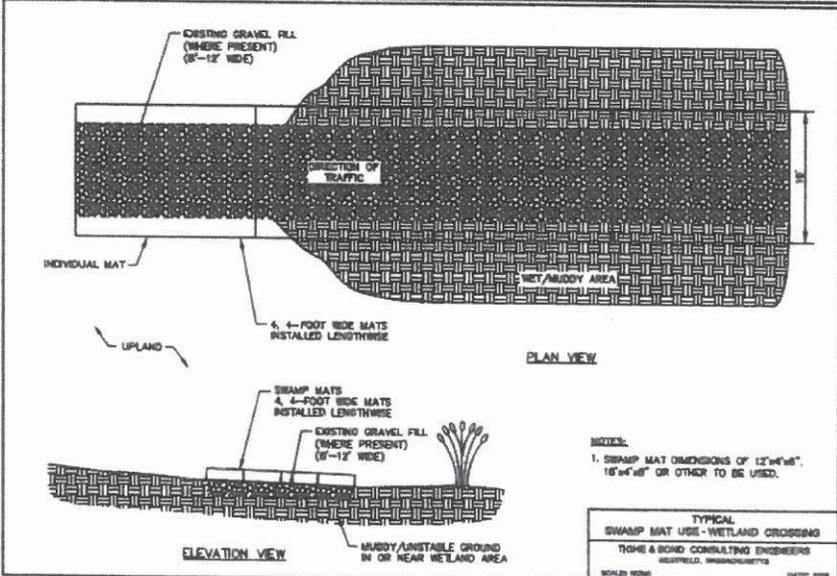
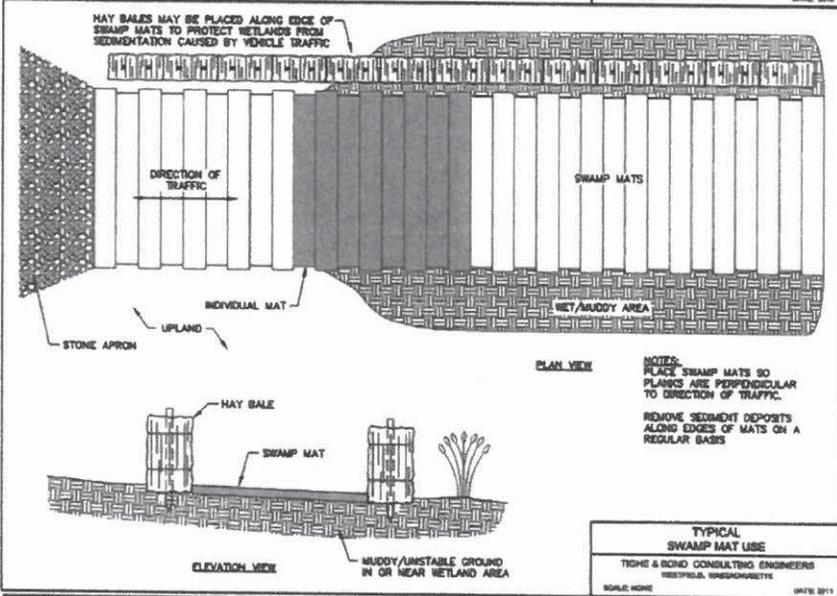
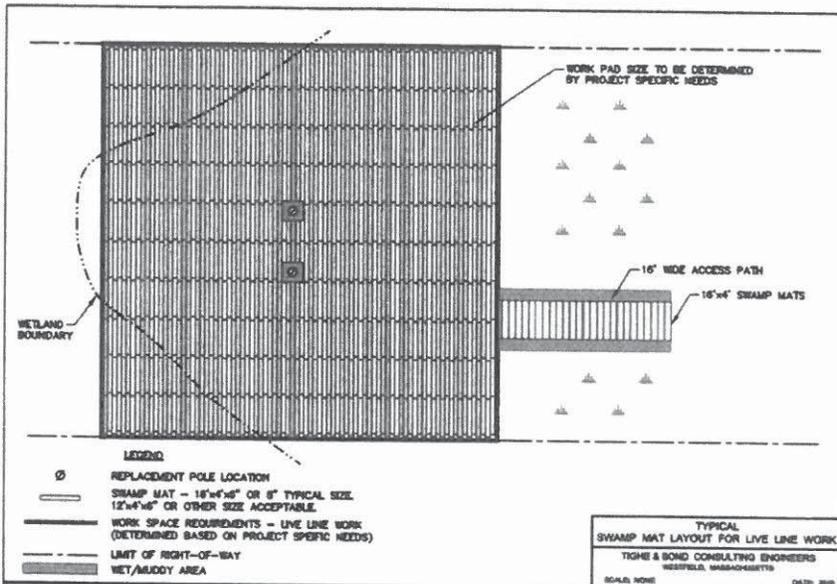
Best Management Practices Manual for Utility Maintenance
 In and Adjacent to Wetlands and Waterbodies in New Hampshire
 Interim January 2010.



- NOTE:
1. TO BE INSTALLED IF NECESSARY TO PREVENT RUTTING, TO ACCESS STRUCTURES.
 2. THIS DETAIL SHOWS TYPICAL DIMENSIONS. SOME CONTRACTORS SWAMP MATS ARE DIMENSIONALLY DIFFERENT FROM WHAT IS SHOWN HERE.
 3. DEPENDENT ON SITE CONDITIONS, MULTIPLE LAYERS OF SWAMP MATS MAY BE INSTALLED.

Best Management Practices Manual for Utility Maintenance
 In and Adjacent to Wetlands and Waterbodies in New Hampshire
 Interim January 2010.





TOWN of CARMEL GENERAL EROSION CONTROL NOTES:

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

AREA of DISTURBANCE:

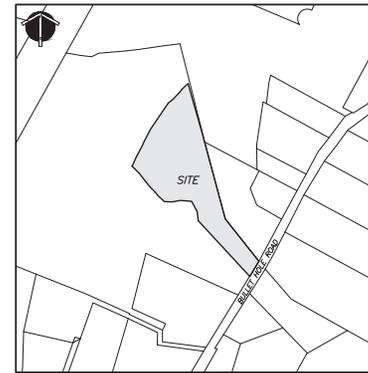
AREA OF DISTURBANCE = 98244 S.F. (2.22 AC.)
 TOTAL FILL TO SITE = 700 C.Y.

IMPERVIOUS SURFACES:

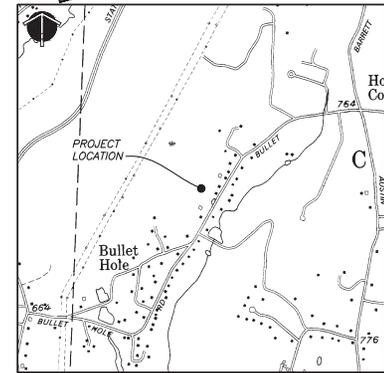
EXISTING IMPERVIOUS SURFACES = 0 S.F.
 PROPOSED IMPERVIOUS SURFACES = 2,178 S.F.
 TOTAL IMPERVIOUS SURFACES = 2,178 S.F.

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'

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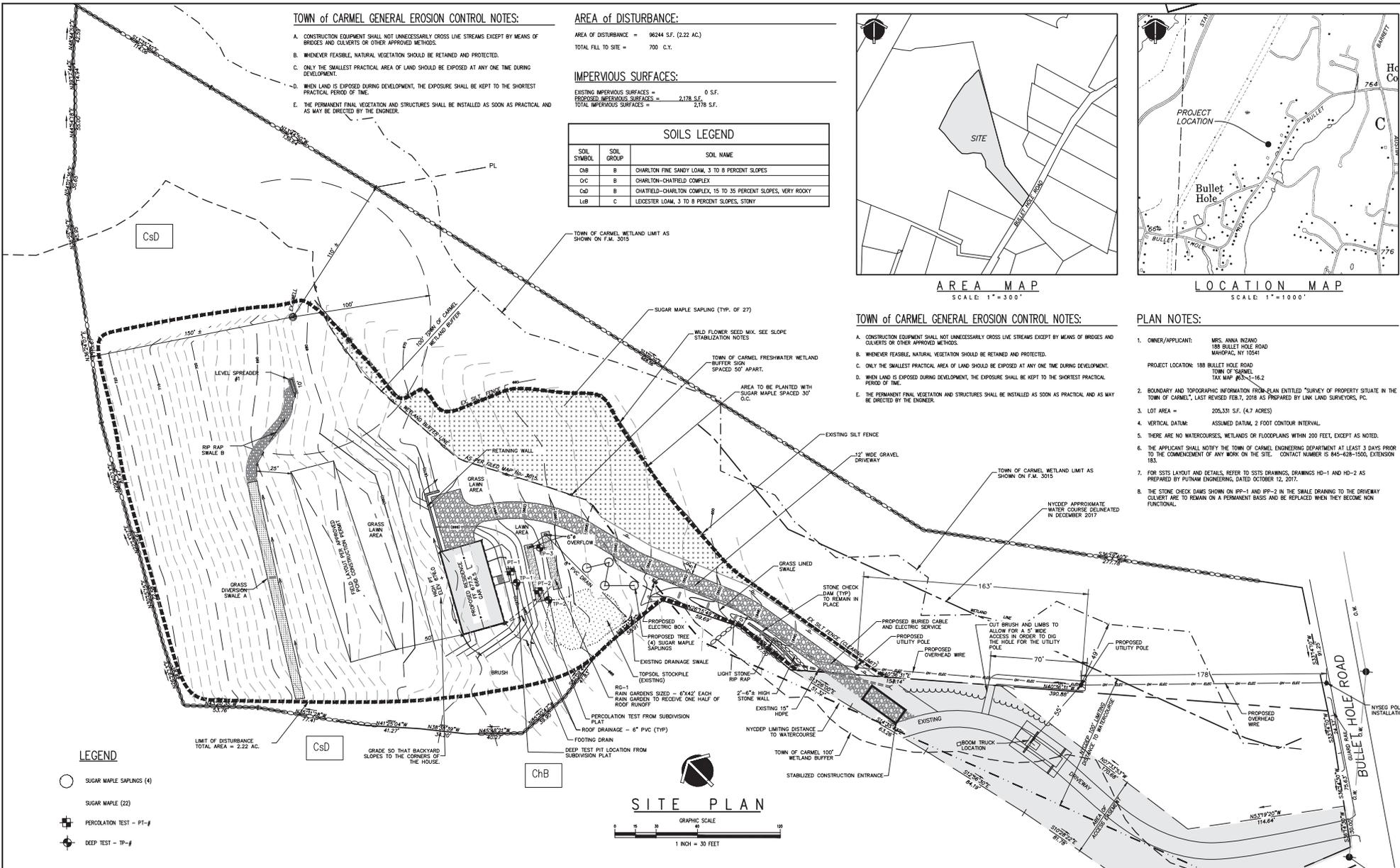
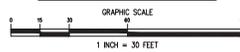
PLAN NOTES:

- OWNER/APPLICANT: MRS. ANNA INZANO
 188 BULLET HOLE ROAD
 TOWN OF CARMEL, NY 12024
- PROJECT LOCATION: 188 BULLET HOLE ROAD
 TAX MAP #20-1-16.2
- LOT AREA = 205,331 S.F. (4.7 ACRES)
- VERTICAL DATUM: ASSUMED DATUM, 2 FOOT CONTOUR INTERVAL.
- THERE ARE NO WATERCOURSES, WETLANDS OR FLOODPLAINS WITHIN 200 FEET, EXCEPT AS NOTED.
- 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.
- FOR SSTS LAYOUT AND DETAILS, REFER TO SSTS DRAWINGS, DRAWINGS HD-1 AND HD-2 AS PREPARED BY PUTNAM ENGINEERING, DATED OCTOBER 12, 2017.
- 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.

LEGEND

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

SITE PLAN



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

PURSUANT TO NEW YORK STATE EDUCATION LAW, ARTICLE 148, SECTION 7209 SUBSECTION 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."

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 NYDEP COMMENTS
5	04/02/2019	REVISE PER NYDEP COMMENTS
6	10/03/2021	ADD UTILITY SERVICE
7	11/02/2021	PER NYDEP FIELD MEETING

PROJECT: 188 BULLET HOLE ROAD, TOWN OF CARMEL, PUTNAM COUNTY, NY
 PLAN PREPARED FOR: MRS. ANNA INZANO
 TAX MAP #3, BLOCK 1, LOT 16.2

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

DRAWING: INTEGRATED PLOT PLAN

PROJECT NUMBER: 1827
 DRAWING NUMBER: IPP-1
 SHEET 2 OF 2

RAYEX DESIGN GROUP

DESIGN PLANNING CONSTRUCTION

**266 SHEAR HILL ROAD
MAHOPAC, NEW YORK 10541
845-621-4000**

RAYEXDESIGN@GMAIL.COM

ROY, A. FREDRIKSEN, PE

November 15, 2021

ECB Board, Town of Carmel,
60 McAlpin Avenue
Carmel, NY, 10541

Re: 12 Baldwin La, LLC property. T.M. # 65.10-2-16

This is a respond to ECB comments during meeting on 10/21/2021 regarding application for wetland permit for proposed addition to existing residence located at 12 Baldwin Lane in Mahopac, Town of Carmel, NY

1. Construction sequence has been modified.
2. Wetland boundaries have been flagged by Stephen W. Colman environmental consulting, LLC on November 8, 2021 and located on survey by Link Land Surveyors.
3. Septic design is shown site plan.
4. Spill kit located.
5. Machine storage location with 6 mil poly under.
6. NYSDEC Well abandonment detail has been provided on site plan.
7. Cut trees and proposed new trees have been added to site plan.

If I could be of any further assistance, please do not hesitate to contact me.

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 # 65.12-2-16 _____

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).

PROPOSED ADDITION TO EXISTING SINGLE FAMILY HOME. ALSO INSTALLATION OF NEW SEPTIC SYSTEM TO REPLACE EXISTING. DRILLING NEW WELL. ABANDON EXISTING WELL CUT SOME TREES WHERE 5 OF THEM IS OVER 12" DIAMETER.

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

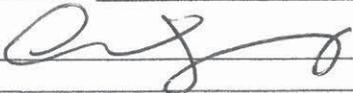
Instructions for Completing

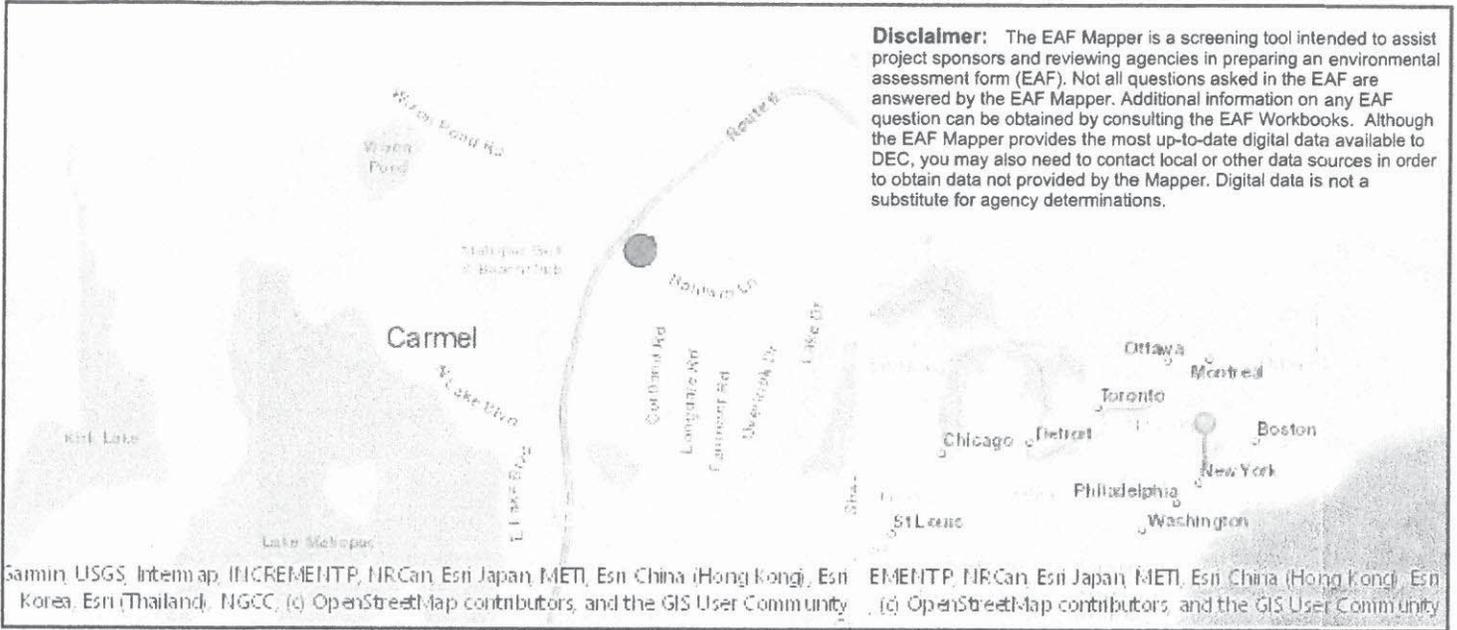
Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available.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

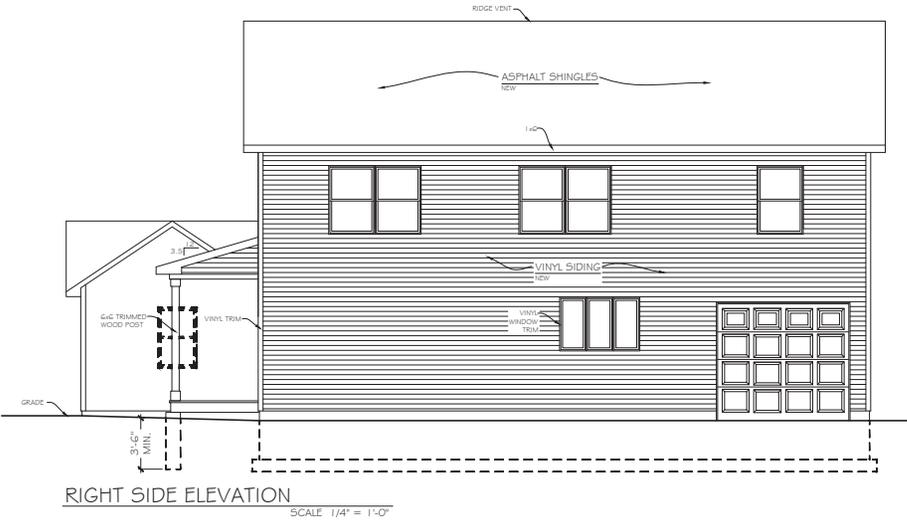
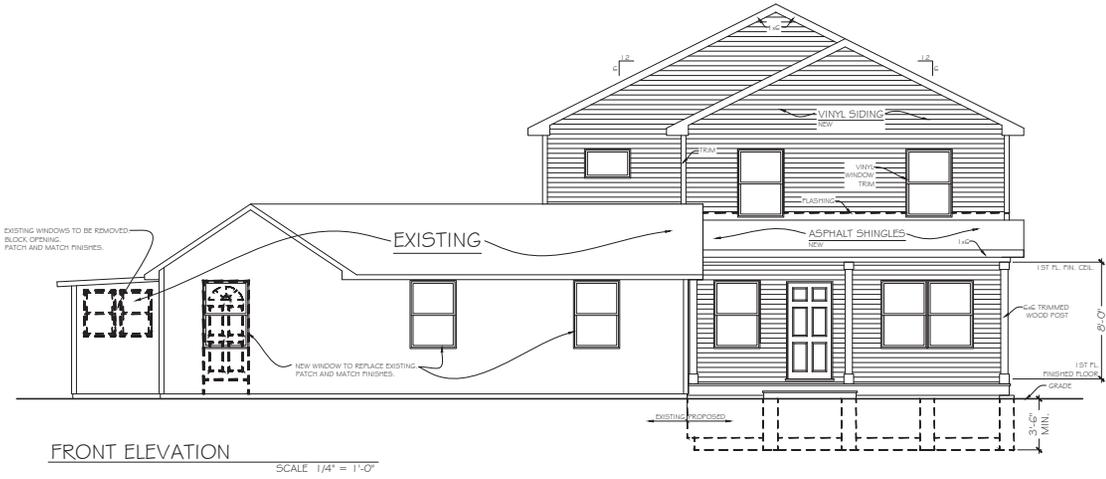
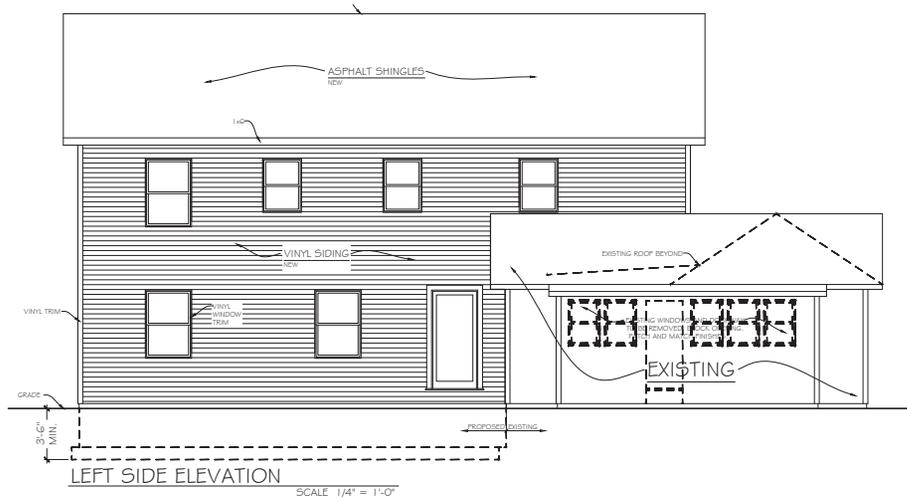
Part 1 – Project and Sponsor Information			
12 Baldwin Ln, LLC			
Name of Action or Project: Mike Guo House			
Project Location (describe, and attach a location map): 12 Baldwin Lane, Mahopac, NY TM # 65.1-2-16			
Brief Description of Proposed Action: PROPOSED ADDITION TO EXISTING SINGLE FAMILY HOME. ALSO INSTALLATION OF NEW SEPTIC SYSTEM TO REPLACE EXISTING. DRILLING NEW WELL. ABANDON EXISTING WELL CUT SOME TREES WHERE 5 OF THEM IS OVER 12" DIAMETER.			
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? 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: _____ _____	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? 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?	NO	YES	
	<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?	NO	YES
Northern Long-eared Bat	<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?	NO	YES
If Yes,	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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)?	NO	YES
If Yes, explain the purpose and size of the impoundment: _____ _____	<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?	NO	YES
If Yes, describe: _____ _____	<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?	NO	YES
If Yes, describe: _____ _____	<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



NOTES:

1. THESE PLANS ARE PREPARED IN COMPLIANCE WITH THE 2020 EDITION OF THE NEW YORK STATE RESIDENTIAL BUILDING CODE.
2. ALL HVAC COMPONENTS ARE TO BE DESIGNED BY OTHERS TO COMPLY WITH ENERGY CONSERVATION COMPLIANCE CODE.
3. NOTE: THIS IS AN ADDITION TO AN EXISTING HOUSE THAT IS INHABITED. ALL STRUCTURAL BEARING POINTS AND SUPPORTS MUST BE CONFIRMED ON SITE AT STARTING OF CONSTRUCTION. CONTRACTOR IS TO CONTACT THE DESIGNER TO ARRANGE FOR INSPECTION AND ADDRESS ANY NEEDED MODIFICATIONS. CERTAIN CHANGES AND SOME ADDITIONAL SUPPORTS MAYBE REQUIRED AFTER INSPECTION.
4. IT IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY WITHOUT THE WRITTEN VERIFICATION OR ADOPTION BY A N.Y.S. LICENSED ENGINEER IN ACCORDANCE WITH SECTION 7209(2).
5. TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH CHAPTER 4 OF THE 2015 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

SQUARE FOOTAGE				
NEW ADDITION				EXISTING
1ST FLOOR	2ND FLOOR	GARAGE	COVERED PORCH	1ST FLOOR
1117 S.F.	1309 S.F.	222 S.F.	132 S.F.	835 S.F.

ROY A. FREDRIKSEN, PE
 DESIGN • PLANNING • CONSULTING ENGINEERING
 266 SHEAR HILL RD • MAHOPAC, NY 10541 • 845-621-4000
 RAYEXDESIGN@GMAIL.COM

OWNER: 12 BALDWIN LANE LLC.	JOB # DRN BY: JP CHKD BY: WB
PROJECT: ADDITION TO EXISTING HOUSE LOCATED AT 12 BALDWIN LN. IN MAHOPAC, NY.	TAX MAP #: 65.10-2-1G
SHEET TITLE: ELEVATIONS 1 OF 1	
REVISIONS: [DATE: 5/25/2021]	

