

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

ENVIRONMENTAL CONSERVATION BOARD AGENDA

OCTOBER 5, 2023 – 7:30 P.M.

ELIGIBLE FOR A PERMIT

<u>APPLICANT</u>	<u>ADDRESS</u>	<u>TAX MAP #</u>	<u>COMMENTS</u>
1. Messner, Warren & Angela	44 Sycamore Road	76.5-1-28	Replace Boathouse, Dock, Deck & Stonewall

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

2. Weiss, Abie (Success Realty LLC)	11 Sunset Blvd	54.19-1-11	Planning Board Referral (Clean-up, Rain Garden & Stabilization)
3. Marks, Barry	96 MacGregor Drive	64.17-1-47	Regrading, Install Patio & Retaining Walls

MISCELLANEOUS

4. Minutes – 8/3/23

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APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Abie Weiss

Address of Applicant: 11 Sunset Boulevard, Carmel, New York 10512 Email: yawrealty@gmail.com

Telephone# (917) 846-6531 Name and Address of Owner if different from Applicant:

Same-as-above

Property Address: 11 Sunset Boulevard, Carmel, New York 10512 Tax Map # 54.19-1-11

Agency Submitting Application if Applicable: Not-Applicable

Location of Wetland: On adjacent property in the rear of the above-noted property. Work within wetlands adjacent area

Size of Work Section & Specific Location: all work in adjacent area approximately 0.06 acres

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).

No filling of property only top-dressing,, as needed clean-up property, construct rain garden, construct split rail fence with wetlands markers, remove chicken coop

landscaping, construct masonry block fire pit, gravel sitting area and stabilization (seed & hay)

Proposed Start Date: October 2023 Anticipated Completion Date: November 2023 Fee Paid \$ 500.00

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.

Abie Weiss
SIGNATURE

October 2, 2023
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: 11 Sunset Boulevard, Carmel, New York 10512				
Project Location (describe, and attach a location map): 1 Sunset Boulevard, Carmel, New York 10512 (Town of Carmel Tax Lot 54.19-1-11)				
Brief Description of Proposed Action: Minor re-grading (topdressing), clean-up and seed and hay.				
Name of Applicant or Sponsor: Abie Weiss		Telephone: (917) 846-6532 E-Mail: yawrealty@gmail.com		
Address: 11 Sunset Boulevard				
City/PO: Carmel		State: New York	Zip Code: 10512	
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 checked="" 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: Town of Carmel Planning Board - Regrading Permit Town of Carmel Environmental Board			NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action? _____ 0.84 acres b. Total acreage to be physically disturbed? _____ 0.06 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ None 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 type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify): <input type="checkbox"/> Parkland				

5. Is the proposed action,	NO	YES	N/A
a. A permitted use under the zoning regulations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? 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 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	YES <input type="checkbox"/> <input 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 Change to the existing dwelling on-site	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ Existing water service connection unchanged	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ Existing sewer lateral unchanged	NO <input checked="" type="checkbox"/>	YES <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 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	YES <input 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 <input type="checkbox"/> <input checked="" type="checkbox"/>	YES <input checked="" type="checkbox"/> <input type="checkbox"/>	

Calculations based on New York State Stormwater management Design Manual - Chapter 5: Green Infrastructure Practices - section 5.3 - Green Infrastructure Techniques.

- Calculation of Impervious Areas, as per CAD.

- House

House = 904 square-feet

overhang^{#1} = 286 square-feet

overhang^{#2} = 260 square-feet

House total = 1,450 square-feet

House = 1,450 s.f.

- Deck (50% used in calculation):

Deck = 890 square feet x 50% = 445 square-feet

Deck = 445 s.f.

- Total Impervious Area =

Area_{House} + Area_{Deck} = Area_{total}

= 1,450 s.f. + 445 s.f. = 1,890 s.f.

A_{total} = 1,890 s.f.

- Calculate Water Quality Volume (WQ_v)

WQ_v = $\frac{(P)(R_v)A}{12}$

where:

P = 90% rainfall, from Figure 4.1 = 1.45 in.

A = Area draining to treatment area = A_{total} = 1,890 s.f.

Where: I = Percentage Impervious Area
draining to site (100%)

$$R_v = 0.05 + 0.009(I) = 0.05 + 0.009(100\%) =$$

$$= 0.05 + 0.9 =$$

$$= 0.95$$

$$\underline{R_v = 0.95}$$

$$\therefore WQ_v = \frac{(P)(R_v)A}{12} = \frac{(1.45)(0.95)(1,450 \text{ SF})}{12}$$

$$= \frac{1,997.375}{12} = 166.4479 \text{ ft}^3$$

$$WQ_v = 166.4479 \text{ ft}^3$$

$$\therefore \text{use } WQ_v = 167 \text{ ft}^3$$

- Calculation of Drainage layer and soil media Storage:

$$V_{sm} = A_{RG} \times D_{sm} \times P_{sm}$$

where: V_{sm} = Volume of storage media

A_{RG} = Area of Rain Garden (S.F.)

$D_{sm} = 1'-0"$ Depth of soil media (Feet)

P_{sm} = Porosity of soil media = 0.2

Rain Garden Size = 10'-0" x 20'-0" = 200 SF
length to width ratio 2:1 w/ long axis = to flow

$$V_{sm} = (200 \text{ SF})(1')(0.2) = 40 \text{ ft}^3$$

$$\boxed{V_{sm} = 40 \text{ ft}^3}$$

$$V_{DL} = A_{RG} \times D_{DL} \times P_{DL}$$

where: V_{DL} = Volume Drainage Layer
 A_{RG} = Area Rain Garden = 200sf
 D_{DL} = Depth Drainage Layer = 0.5'
 P_{DL} = Porosity of Drainage layer = 0.4

$$V_{DL} = (200sf)(0.5')(0.4) = 40 ft^3$$

$$V_{DL} = 40 ft^3$$

• Volume of Ponding Depth

$$V_{pd} = A_{RG} \times D_p$$

D_p = Depth of Ponding = 6" or 0.5'

$$V_{pd} = 200 ft^3 \times 0.5' = 100 ft^3$$

$$WQ_v \leq V_{sm} + V_{DL} + V_{pd}$$

$$167 ft^3 \leq 40 ft^3 + 40 ft^3 + 100 ft^3$$

$$167 ft^3 \leq 180 ft^3 \quad \underline{\underline{OK}}$$

• Construction

1. Excavate rain garden area to 24" below finished grade
2. Install 6" of clean washed 2" stone
3. Install 12" of design soil mix

Soil Mix = 50% - 70% sand
50% - 30% organic material
TOPSOIL, Peat

soil mix calculation using 60% - 40%

$$sand = 60\% (40 ft^3) = \underline{24 cy} \quad \downarrow_{sand} = 24 cy$$

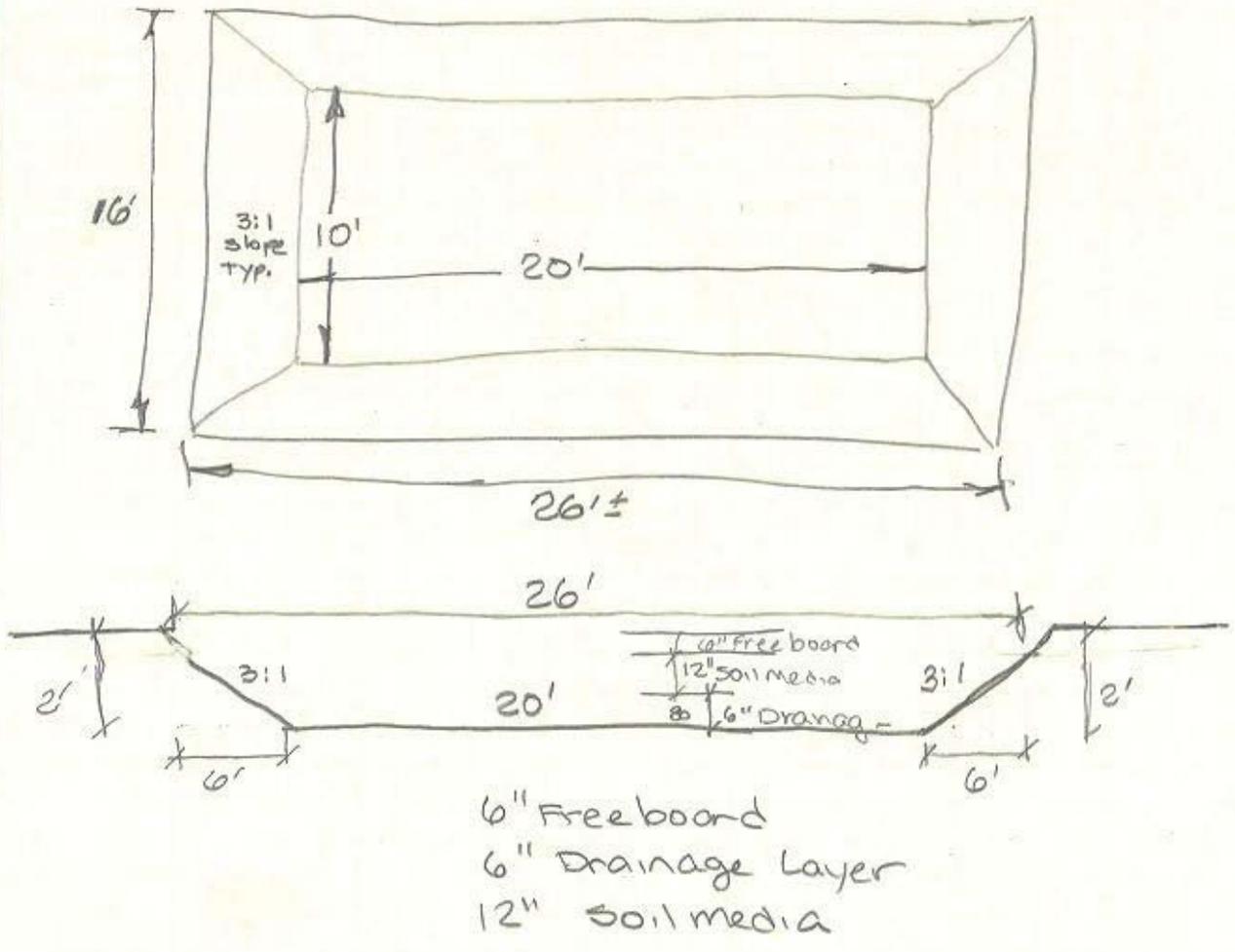
Soil Mix Calculations (continued):

* organic = $0.4(40 \text{ ft}^3) = 16 \text{ cy}$

* organic = 16cy

* Note: Engineer to approve design soil mix.
Engineer to witness placement of
Drainage and Soil media layers.

General Pond Schematic



• Landscaping:

A successful rain garden needs native plants to stabilize ponding area, Promote infiltration and uptake pollutants. Plants should be hardy in wet/dry conditions. The goal in planting is to create a thriving and attractive planting bed. Plants must be container grown with well established root system the attached table 5.11 provides a list of suggested plantings.

- * rain gardens will not be seeded.
- ** bed area to covered with shredded hardwood mulch not to exceed 2" thick
- *** mulch and plantings to be approved by engineer.

Table 5.11 Suggested Rain Garden Plant List	
Shrubs	Herbaceous Plants
Witch Hazel <i>Hamamelis virginiana</i>	Cinnamon Fern <i>Osmunda cinnamomea</i>
Winterberry <i>Ilex verticillata</i>	Cutleaf Coneflower <i>Rudbeckia laciniata</i>
Arrowwood <i>Viburnum dentatum</i>	Woolgrass <i>Scirpus cyperinus</i>
Brook-side Alder <i>Alnus serrulata</i>	New England Aster <i>Aster novae-angliae</i>
Red-Osier Dogwood <i>Cornus stolonifera</i>	Fox Sedge <i>Carex vulpinoidea</i>
Sweet Pepperbush <i>Clethra alnifolia</i>	Spotted Joe-Pye Weed <i>Eupatorium maculatum</i>
	Switch Grass <i>Panicum virgatum</i>
	Great Blue Lobelia <i>Lobelia siphatica</i>
	Wild Bergamot <i>Monarda fistulosa</i>
	Red Milkweed <i>Asclepias incarnate</i>

Adapted from NYSDM Bioretention Specifications, Bannerman, Brooklyn Botanic Garden.

LEGEND

RES-07C	DENOTES EXISTING TOP OF CURB/GRADE	RS	DENOTES EXISTING UTILITY POLE
RES-07D	DENOTES EXISTING TOP OF CURB/GRADE	RES-07A	DENOTES EXISTING CONCRETE SURFACE
MS	DENOTES EXISTING METER VALE	RES-07B	DENOTES EXISTING SPOT GAUGE
OS	DENOTES EXISTING GAS VALE	RES-07E	DENOTES EXISTING WELDLAND LAMP LINE
MSM	DENOTES EXISTING WATER MAINVALE	RES-07F	DENOTES EXISTING CONDUIT LINE
TM	DENOTES EXISTING TELEPHONE MAINVALE	RES-07G	DENOTES EXISTING STONE WALL
LP	DENOTES EXISTING LIGHT POLE	RES-07H	DENOTES EXISTING PROPOSED STONE
ES	DENOTES EXISTING SOUTH MAIN	RES-07I	DENOTES EXISTING UNDERGROUND ELECTRIC & CABLE SERVICE
ES-07A	DENOTES EXISTING OVERHEAD WIRE	RES-07J	DENOTES EXISTING SPOT GAUGE

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:
 BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM A MAP ENTITLED "SUNSET BOULEVARD FOR 11 SUNSET BOULEVARD" SECTION 34.19 - BLOCK 1 - LOT 11 PREPARED BY EDWARD T. GANNON, P.L.S. SURVEY DATE JUNE 25, 2023.

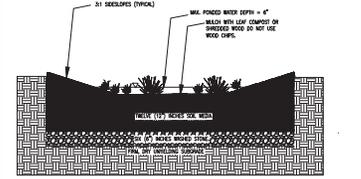
LEGEND FOR EROSION CONTROL MEASURES REQUIRED AT THE TIME OF CONSTRUCTION

---	EXISTING SILT FENCE
---	PROPOSED SILT FENCE

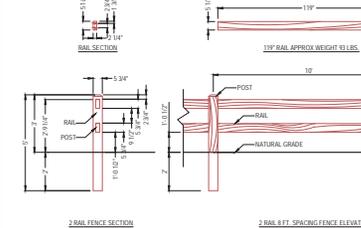
Soil: The composition of the soil media should consist of 50%-70% sand (less than 5% clay content), 50%- 30% topsoil with an average of 5% organic material, such as compost or peat, free of stones, roots and woody debris and animal waste.. The depth of the amended soil should be approximately 4 inches below the bottom of the deepest root ball.

Construction Rain gardens should initially be dug out to a 24" depth, then backfilled with a 6-12 inch layer of clean washed gravel (approximately 1.5-2.0 inch diameter rocks), and filled back to the rain garden bed depth with the design soil mix. When an underdrain is used, excavate to 30-36" depth, backfill with 1/2" stone, fill with 18-24" design soil mix. Rain gardens should only be installed when surrounding landscapes are stabilized and not subject to erosion.

Environmental/Landscaping Elements
 The rain garden system relies on a successful native plant community to stabilize the ponding area, promote infiltration, and uptake pollutants. To do that, plant species need to be selected that are adaptable to the wet/dry conditions that will be present. The goal of planting the rain garden is to establish an attractive planting bed with a mix of upland and wetland native shrubs, grasses and herbaceous plant material arranged in a natural configuration starting from the more upland species at the outermost zone of the system to more wetland species at the innermost zone. Plants shall be container-grown with a well-established root system, planted on one-foot centers. Table 5.11 provides a representative list of suggested plant selections. Rain gardens shall not be needed on this takes too long to establish the desired root system, and seed may be floated out with rain events. The same limitation is true for plants. Shredded horsewood mulch should be applied up to 2" to help keep soil in place.



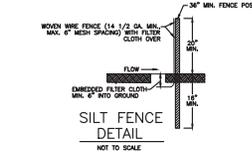
RAIN GARDEN DETAIL
NOT TO SCALE



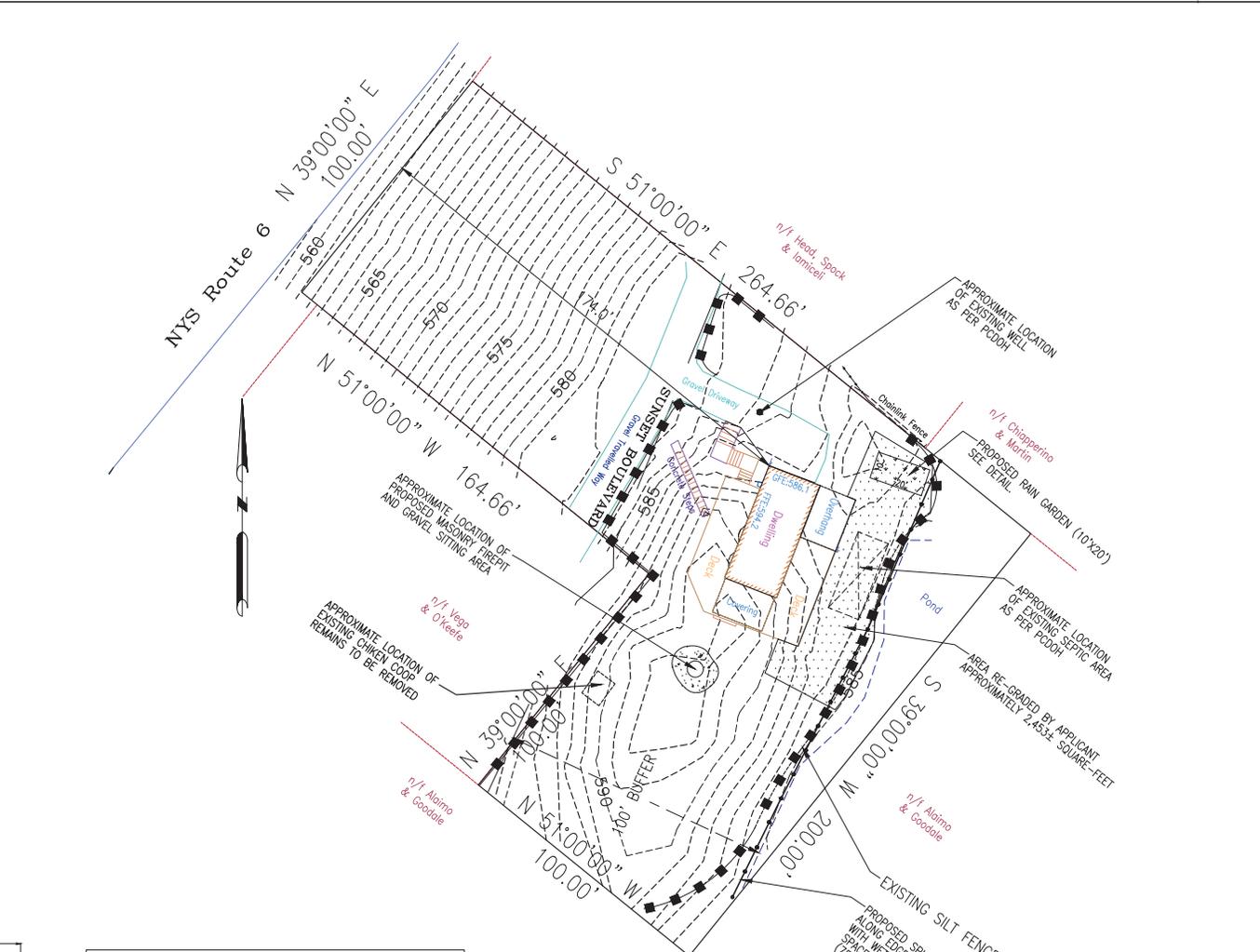
NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.

11 SUNSET BOULEVARD PLOT PLAN P&W

NO FILL WAS OR WILL BE PLACED ON-SITE AS PART OF THIS APPLICATION. THE ONLY WORK DONE IS CLEAN-UP, RE-GRADING AND STABILIZATION.



SILT FENCE DETAIL
NOT TO SCALE



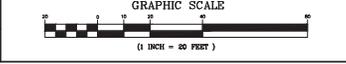
SITE AREA:
0.84± Acres (36,590± Square-feet)

AREA DISTURBED ONLY WITHIN 100' BUFFER:
0.06± Acres (2,453± square-feet)

TOTAL DISTURBED AREA:
0.06± Acres (2,453± square-feet)

REVISIONS

#	DATE	COMMENTS



THESE DRAWINGS ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF MICHAEL J. CALISE, P.E. DESIGNED FOR THE EXCLUSIVE USE OF MICHAEL J. CALISE, P.E. FOR THIS PROJECT ONLY. USE OF THESE DRAWINGS AND CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF MICHAEL J. CALISE, P.E. IS PROHIBITED.

UNCHANGED ALTERATION TO A MAP BEARING A LICENSED P.L.S. NUMBER IS A VIOLATION OF THE STATE EDUCATION LAW AND CONSTITUTION OF THE STATE OF NEW YORK. IT IS HEREBY CERTIFIED THAT THESE DRAWINGS AND CONCEPTS CONTAINED THEREIN WERE PREPARED BY MICHAEL J. CALISE, P.E. A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK. THE P.L.S. NUMBER SHALL NOT BE VIEWED AS A GUARANTEE OF THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.

- SITE SPECIFIC NOTES:**
- THIS IS A PLOT PLAN PREPARED FOR OF TAX LOT# 54.19-1-11 AS SHOWN ON THE TOWN OF CARMEL TAX MAPS.
 - RECORD OWNER: SUCCESS REALTY LLC, 543 BEDFORD AVENUE, BROOKLYN, NEW YORK 11211
 - APPLICANT: SUCCESS REALTY LLC, 543 BEDFORD AVENUE, BROOKLYN, NEW YORK 11211
 - SITE ADDRESS: 11 SUNSET BOULEVARD, CARMEL, NEW YORK 10512
 - DEED REFERENCE: DEED BOOK 2273 PAGE 234.
 - AREA OF PARCEL: 0.84± ACRES (36,590± SQUARE-FEET).
 - ZONING DISTRICT: RESIDENTIAL.
 - EXISTING USE: ONE-FAMILY RESIDENTIAL.

- GENERAL NOTES:**
- ALL AREAS PREVIOUSLY DISTURBED STABILIZED WITH SEED AND HAY ON SEPTEMBER 7, 2023 AS APPROVED BY THE TOWN ENGINEER.
 - REMAINING AREAS, REQUIRING TO TOP-DRESSING, REGRADING AND STABILIZATION WITH SEED AND HAY TO BE COMPLETED ONCE REQUIRED PLANNING BOARD AND ENVIRONMENTAL BOARD APPROVALS HAVE BEEN OBTAINED.
 - TOPSOIL TO BE OBTAINED FROM REPUTABLE SOURCES AND RECEIPTS TO BE USED AS REQUIRED FOR TOP DRESSING.

- SEQUENCE OF CONSTRUCTION FOR EROSION CONTROL**
- INSTALL ALL EROSION CONTROL DEVICES AS SHOWN ON THIS PLAN AND NOTED IN THE "LEGEND FOR EROSION CONTROL DURING CONSTRUCTION". ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
 - CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED. STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED.
 - PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE AS SHOWN ON THE PLAN.
 - SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNFINISHED FOR A PERIOD OF 7 DAYS OR MORE.
 - AFTER COMPLETION SPREAD TOPSOIL ON LAWN AREAS AND SEED.
 - MAINTAIN ALL SEEDS AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
 - ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS MAY BE REQUIRED AND REQUESTED BY AUTHORITIES, TO PREVENT THE RESIDENTIAL JOBSHOPS OF SEE LAISON RUNOFF FROM ENTERING A WATER COURSE OR A DRAINAGE SYSTEM.

TABLE 5.11 SUGGESTED PLANTINGS:

Witch Hazel	Shrubs	Cinnamon Fern	Herbaceous Plants
Hammock virginiana		Osmunda cinnamomea	
Winterberry		Cutleaf Convolvulus	
Hex verticillata		Rudbeckia laciniata	
Arrowwood		Woodgrass	
Viburnum dentatum		Scirpus cyperinus	
Brook-side Alder		New England Aster	
Alnus serrulata		Aster novae-angliae	
Red-Osier Dogwood		Fox Sedge	
Cornus stolonifera		Carex vulpinoidea	
Sweet Pepperbush		Spotted Joe-Pye Weed	
Clethra alnifolia		Eupatorium maculatum	
		Switch Grass	
		Panicum virgatum	
		Great Blue Lobelia	
		Lobelia siphatica	
		Wild Bergamot	
		Monarda fistulosa	
		Red Milkweed	
		Asclepias incarnata	

Adapted from NYSIDM Biooretion Specifications, Banerman, Brooklyn Botanic Garden.

SITE PLAN AND EROSION CONTROL PLAN
 PREPARED FOR:
11 SUNSET BOULEVARD
 TOWN OF CARMEL
 PUTNAM COUNTY NEW YORK
 Michael J. Calise, P.E. & Associates, P.C.
 Civil Engineering & Land Planning Consultants
 Post Office Box 96
 Pearl River, New York 10965
 Phone (845) 629-3743

TAX LOT No.: 54.19-1-11
AREA: 0.84± ACRES (36,590± SF)
JOB No.: 2356
SCALE: 1"=20'
DATE: 09-08-2023
SHEET: 1 OF 1



57 Route 6 Suite 208
Baldwin Place, New York 10505
(914) 479-2537/Fax: (914) 293-0094
www.landworkcontractors.com

Construction Sequence for Wetland Permit Application:

96 Macgregor Drive
Mahopac, New York 10541

1. Install silt fence as shown on plan.
2. Excavate and remove the stump at the bottom of the slope.
3. Excavate the footprint for the footings for 3 new retaining walls. Each retaining wall will be approximately 50' long x 4' tall each.
4. Install and compact a crushed gravel sub-base for each of the retaining walls.
Install a 4" perforated PVC drain pipe behind the first course of the retaining walls. Cover the pipe with crushed gravel and filter fabric. The pipe will outlet on the right side face of each retaining wall.
Construct the retaining walls using Unilock Concord XL wall block and Unilock Concord coping.
5. Install geogrid reinforcement above the third and sixth course of the retaining wall.
6. Supply and spread approximately 60 cubic yards of topsoil in between the retaining walls and over the disturbed lawn areas.
7. Construct a three sided retaining wall using Unilock Concord XL retaining wall block to frame the proposed patio area. The proposed patio area will be approximately 15'x25' using Unilock Treo Permeable Pavers.
8. The patio base will be made up of 8" layer of 2" crushed gravel, 3" layer of ¾" crushed gravel and 1" layer of ¼" chip stone setting base.
9. Rake and re-seed all disturbed lawn areas from construction equipment.
10. Clean up and remove all construction debris off site.
11. Remove the silt fence after grass seed has established.

If you have any questions or concerns, please don't hesitate to contact me.

Regards,

Joe Ruggiero

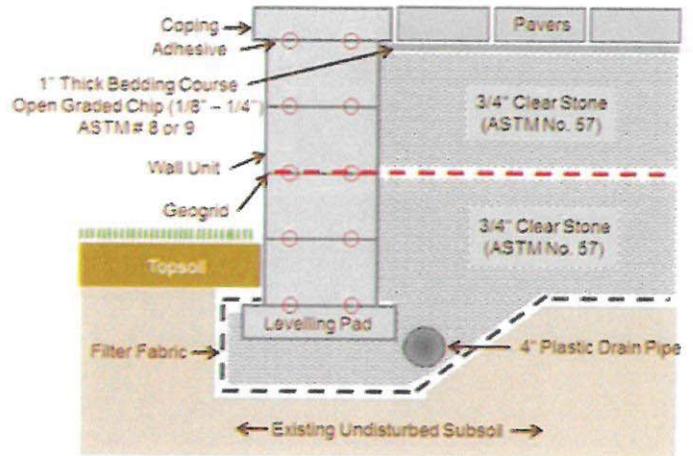
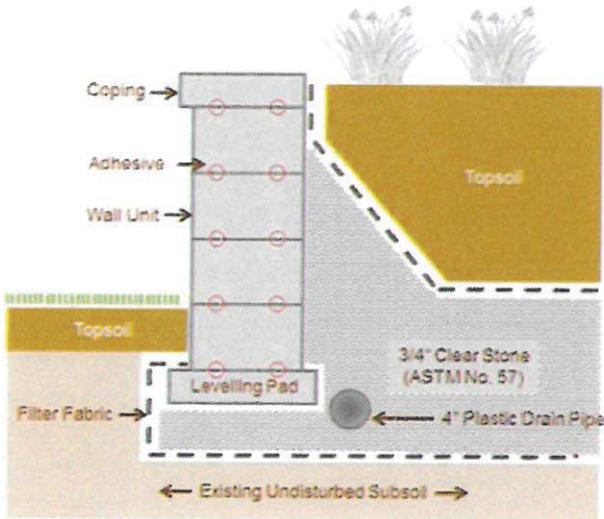
President, Landwork Contractors, Inc.

Cell: (914) 646-4846

joe@landworkcontractors.com

LANDWORK CONTRACTORS

57 Route 6 Suite 208
Baldwin Place, New York 10505
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Address of Applicant: 96 MacGregor Drive Email: 61bmarks@gmail.com

Telephone: 914-506-2680 Name and Address of Owner if different from Applicant:

Property Address: 96 MacGregor Drive Tax Map # 64.17-1-47

Agency Submitting Application if Applicable: N/A

Location of Wetland: Lake MacGregor

Size of Work Section & Specific Location:

Will Project Utilize State Owned Lands? If Yes, Specify: NO

Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc). A brief description of the regulated activity (attach supporting details).

REGRAVING, RETAINING WALL CONSTRUCTION
PERMEABLE PATIO CONSTRUCTION

Proposed Start Date: OCT. 2023 Anticipated Completion Date: NOV. 2023 Fee Paid \$ 800.00 - Pd

CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described here-in and agrees to indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.

[Signature]
SIGNATURE

8/2/23
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: Retaining wall and patio construction			
Project Location (describe, and attach a location map): 96 MacGregor Drive, Mahopac, NY 10541			
Brief Description of Proposed Action: See attached proposal. No tree cutting Fuel and storage of equipment will occur 100' off of lake.			
Name of Applicant or Sponsor: Barry Marks		Telephone: 914-506-2680	
		E-Mail: 61bmarks@gmail.com	
Address: 96 MacGregor Drive			
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:			NO <input type="checkbox"/>
			YES <input type="checkbox"/>
3. a. Total acreage of the site of the proposed action? 0.477 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, are adjoining or near the proposed action:			
5. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			

	NO	YES	N/A
5. Is the proposed action, a. A permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
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: _____ _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NO YES
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:		
<input checked="" 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 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
	<input checked="" type="checkbox"/>	<input 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: Barry Marks Date: 8/3/23

Signature:  Title: Home owner

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.

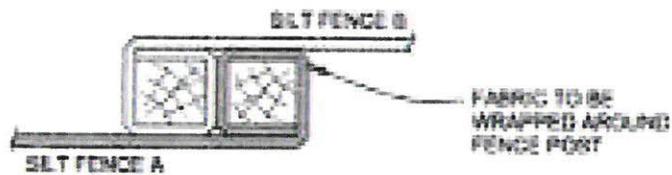
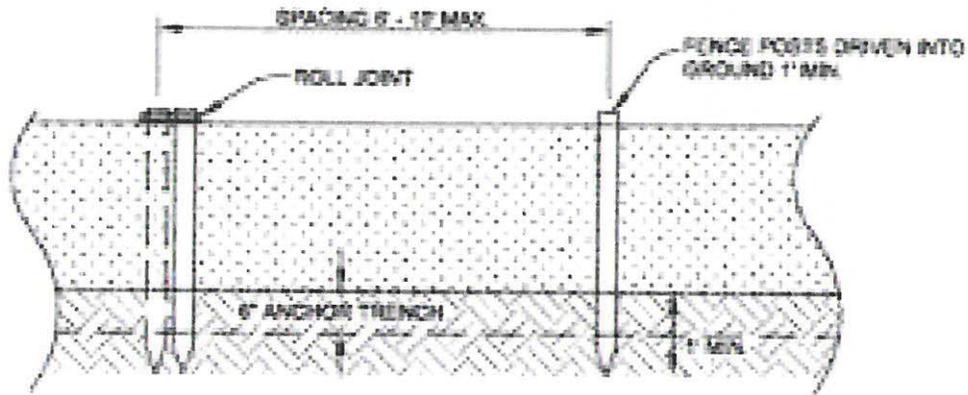
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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]	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]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

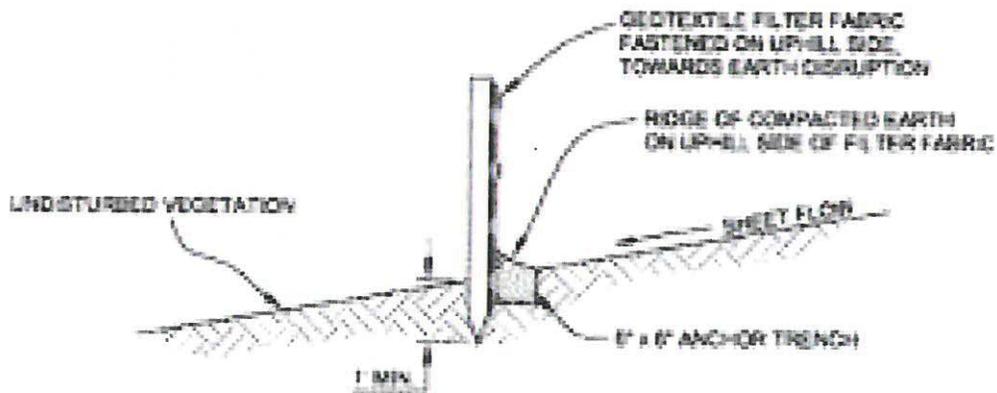


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ROLL JOINTS





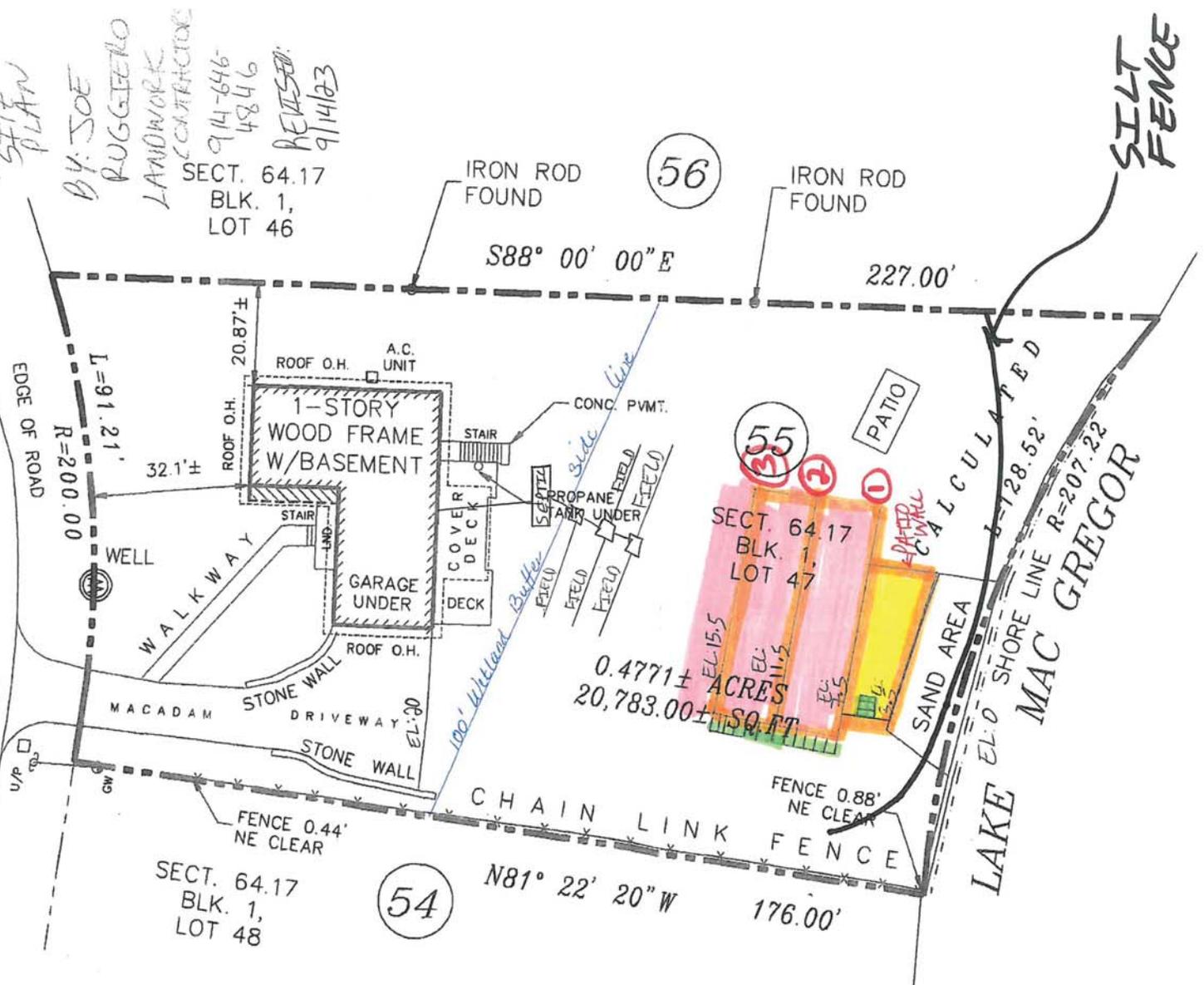


8/15/23

916 MACGREGOR DRIVE
PROPOSED SITE PLAN

BY: SOE
RUGGIERO
LANDWORK
& CONTRACTING
914-646-4846
REVISED:
9/11/23

96 MACGREGOR DRIVE
N08° 37' 40" E
8.81'



AREA OF DISTURBANCE ~ 4,000SF

- PERMEABLE PATIO
- RETAINING WALLS
- STEPS
- REGRADED/LANDSCAPED AREAS