

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](http://www.ci.carmel.ny.us)

**BOARD MEMBERS**

Edward Barnett  
Vincent Turano  
Anthony Federice

**ENVIRONMENTAL CONSERVATION BOARD AGENDA**

**JULY 2, 2020 – 7:30 P.M.**

**ELIGIBLE FOR A PERMIT**

<b><u>APPLICANT</u></b>	<b><u>ADDRESS</u></b>	<b><u>TAX MAP #</u></b>	<b><u>COMMENTS</u></b>
1. Duran, Diego & Lorena	928 Peekskill Hollow Road	53.-1-19	Legalize Concrete Sports Court

**SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION**

2. Osmanaj, Fatmir	15 Adam Wagner Ln	42.-1-6	Construction of a Single Family House
3. Osmanaj, Fatmir	441 Barrett Hill Rd	53.-1-63	Construction of a Single Family House
4. Panny, Michael (SMP Homes)	10 Lower Lake Road	43.17-1-47	Construction of a Single Family House

**MISCELLANEOUS**

5. Minutes – 01/02/20, 02/06/20 & 05/21/20

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  
Vincent Turano  
Anthony Federice

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: Fatmir Osmanaj

Address of Applicant: 120 Anderson Ave Email:   
Mt. Vernon NY 10550

Telephone# 6 Name and Address of Owner if different from Applicant:

Property Address: 15 Adam Wagner Drive Tax Map # 42-1-6

Agency Submitting Application if Applicable: N/A

Location of Wetland: East side of property in area of driveway entrance

Size of Work Section & Specific Location: 0.73 AC DISTURBANCE, west side of lot

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).

3,433 sq. ft. of disturbance within the 100 ft setback (buffer)  
of State wetland 02-41 for construction of a driveway.

Proposed Start Date: 9/2020 Anticipated Completion Date: 12/31/2021 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.

Fatmir Osmanaj  
SIGNATURE

6/10/2020  
DATE

# Short Environmental Assessment Form

## Part 1 - Project Information

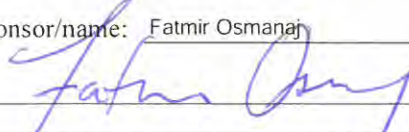
### Instructions for Completing

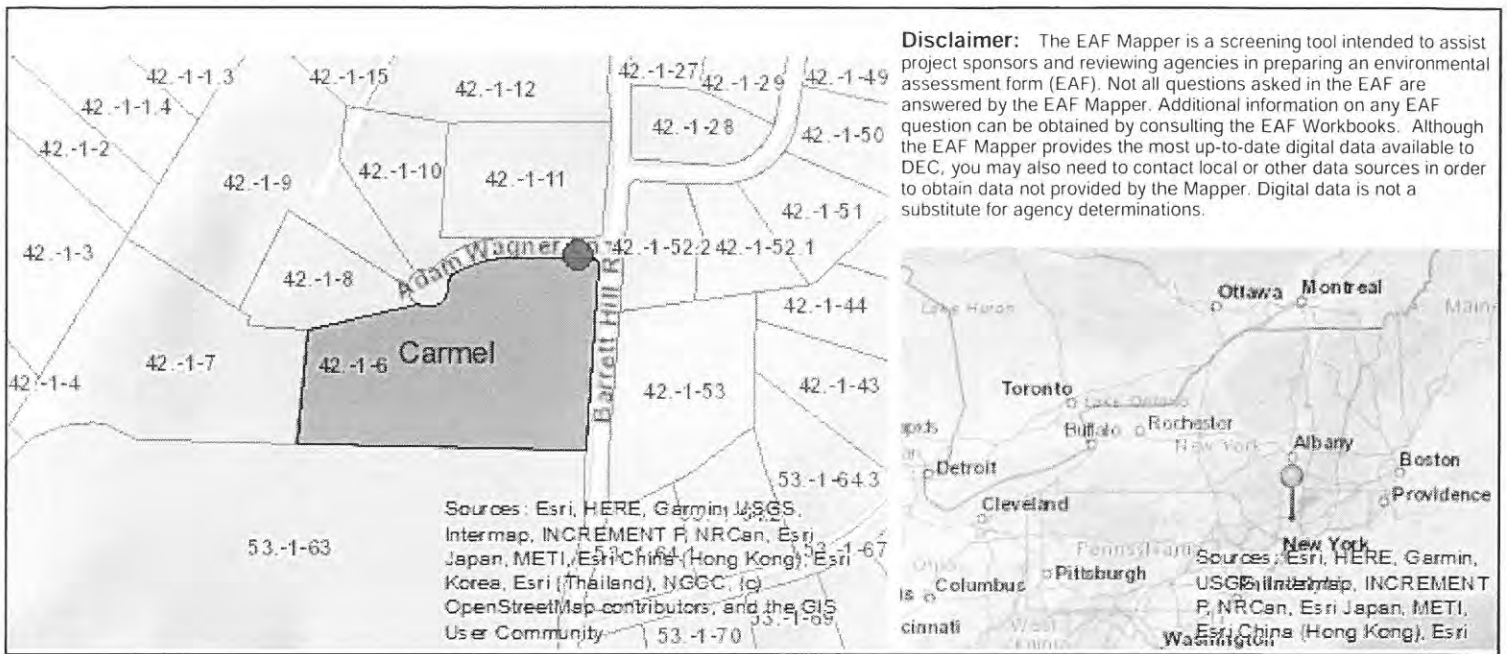
**Part 1 – Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available.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

<b>Part 1 – Project and Sponsor Information</b>				
Name of Action or Project: Osmanaj Adam Wagner House Construction				
Project Location (describe, and attach a location map): 15 Adam Wagner Drive, Mahopac, NY				
Brief Description of Proposed Action: Construction of a single family house, septic system, well and driveway. The driveway crosses a State and Town Wetland				
Name of Applicant or Sponsor: Fatmir Osmanaj		Telephone: 3 E-Mail:		
Address: 120 Anderson Avenue				
City/PO: Mt. Vernon		State: NY	Zip Code: 10550	
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: DEC and Town of Carmel wetland permit, Carmel Building Department, Putnam County HD septic and well			NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action? _____ 7.2 acres b. Total acreage to be physically disturbed? _____ 0.73 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 95 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	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?	NO	YES	
If Yes, identify: _____	<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?	NO	YES	
If the proposed action will exceed requirements, describe design features and technologies:			
_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
_____			
10. Will the proposed action connect to an existing public/private water supply?	NO	YES	
If No, describe method for providing potable water: _____			
drilled well	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
_____			
11. Will the proposed action connect to existing wastewater utilities?	NO	YES	
If No, describe method for providing wastewater treatment: _____			
septic system	<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?	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 type="checkbox"/>	<input checked="" 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: _____			
Driveway will cross State wetland # _____ buffer and result in disturbance to the buffer of _____ square feet			
_____			
_____			

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 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 <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
16. Is the project site located in the 100-year flood plan?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes,	NO <input type="checkbox"/>	YES <input checked="" 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)? If Yes, briefly describe:	<input checked="" 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 <input checked="" type="checkbox"/>	YES <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 <input checked="" type="checkbox"/>	YES <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 <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
_____ _____		
<p align="center"><b>I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b></p>		
Applicant/sponsor/name: <u>Fatmir Osmanaj</u>		Date: <u>May 21, 2020</u>
Signature: 	Title: <u>owner</u>	



**Disclaimer:** The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National 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]	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

TED KOZLOWSKI  
136 BIG ELM ROAD  
BREWSTER, NY 10509

January 13, 2020

Mr. Jack Karell, Jr.  
Cushman Road  
Patterson, NY 12563

RE: Wetland Delineations, Fatmir Osmanaj  
441 Barrett Hill Road and Lot 4, Adam Wagner Lane, Mahopac, NY

Dear Mr. Karell:

At your request, on January 11, 2020, I delineated wetlands on the above sites as you directed. The delineation represents only portions of the total site wetlands. The delineation is only those wetland sections closest to the proposed development on the property. In addition, the wetlands extend beyond the property boundaries.

#### **441 Barrett Hill Road**

I placed 60 yellow survey flags on a large wetland system on this section of the property. This includes the pond, stream and natural wetland areas. The site is significantly disturbed by extensive tree removals, stream blockages and dumping. Most of the wetland is part of State designated class 3 wetland OL-41 and identified on the National Wetland Inventory as PSS1E, PFO4/SS1E, and PFO1/SS1E. Permits may be required by the Town, State DEC and Army Corps of Engineers.

Do not connect flags #3 to #4 as the wetland extends slightly offsite on the neighbor's property to the east. Do not connect flags #33 to #34 as the wetland extends north towards Adam Wagner Lane. Flag 52 represents the non-functioning drain culvert for the pond. Flags 14 and 52 represent water overflowing the pond, which has created wetland conditions down to the main wetland body. The area between flags #19 to 26 and #43 to 48 is a stream corridor flowing south to the pond and is greatly disturbed by recent tree cutting operations and has negatively impacted the stream. Do not connect flags #60 to 11 A as the wetland extends well beyond to the south and east. Flags south of #9 to 13 and 55 to 60 are likely part of State designated class 2 wetland OL-71.

The pond is a created farm pond and the wetlands are natural deciduous forest. The soils in the wetland areas are non-hydric Charlton/Chatfield from the pond area to the north and hydric Sun series mostly south of the pond in wetland OL-71. There is significant dumping near the pond and barns closest to the wetland. It appears that this has occurred over many years time. I have enclosed a map to help you understand the delineation.

**Lot 4, Adam Wagner Lane**

The wetland associated with this site is State designated wetland OL-41 and is identified as PFO1E on the National Wetlands Inventory. The same permit requirements apply as the wetland previously identified. I placed 12 yellow survey flags along the western wetland boundary closest to the proposed disturbance. This is a native deciduous forested wetland and does not have significant disturbances. The soils in this area are rated as hydric Sun series.

Thank you for this opportunity and please contact me if I can be of further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Ted Kozlowski". The signature is written in a cursive, flowing style with a large initial "T".

Ted Kozlowski, Certified Wetland Delineator



**JOHN KARELL, JR., P.E.**  
**121 CUSHMAN ROAD**  
**PATTERSON, NEW YORK, 12563**  
845-878-7894 FAX 845 878 4939  
[jack4911@yahoo.com](mailto:jack4911@yahoo.com)

---

**STORMWATER POLLUTION PREVENTION PLAN**  
**EROSION AND SEDIMENT CONTROL**

**FATMIR OSMANAJ**  
**15 ADAM WAGNER DRIVE**  
**CARMEL (T)**

June 16, 2020



## **I. INTRODUCTION**

### **1.1. Project background**

The project site is vacant land located at 15 Adam Wagner Drive in the Town of Carmel, Putnam County, New York. The property is identified as tax map #.42.-1-6

#### **Site Description**

The site is 7.2 acres in size. The proposed house construction will result in an increase in impervious area of 7,200 square feet and 0.73 acres ( square feet) of total disturbance.

### **1.2. SWPPP Overview**

It is proposed to construct a single family house that will be 2,200 square feet in size. A drilled well and septic system will provide water and sewer service to the proposed house. The purpose of this report is to address Storm Water Pollution Prevention and Management for the proposed improvements.

In accordance with the Code of the Town of Carmel and NYSDEC SPDES General Permit for Storm water Discharges from Construction Activities, General Permit GP-0-20-001, because the proposed disturbance for the project exceeds 5,000 square feet, coverage under the General Permit is required, a Notice of Intent (NOI) must be filed and a storm water pollution prevention plan is required for this project.

Construction will begin immediately after receiving approval from the Town of Carmel Building Department of a SWPPP in accordance with the provisions of the Town Code.

## **II. EXISTING SITE CONDITIONS**

### **2.0 General**

The existing property is vacant. The lot is located on the southwest side of the Adam Wagner Drive cul de sac in the Town of Carmel.

Generally the topography on the site flows from west to east. The subject property is located in the Lower Hudson River Drainage Basin, not in the NYC Watershed.

### **2.1 Surface Water**

There is State wetland OL-41 on this property along with a 100 foot adjacent area.

### **2.2 Soils**

#### **2.1.1. Hydrologic Soils/NRCS Web Soils Survey**

Soils on the entire property are classified by the United States Department of Agriculture Soil Conservation Service as Charlton Chatfield Complex (CrC) Hydrologic soil group B from the Web Soil Survey.

The pre developed site consists of woods in good condition.

### **2.1.2. Site Geotechnical Evaluation**

Review of the soil characteristics indicates a general rock and groundwater depth of greater than 7.

### **2.3. Groundwater**

Groundwater is greater than 7 feet below grade.

### **2.4. Natural Resources**

Natural resources contained on the site is the woodland area. The woodland will be removed for the construction of the house and driveway.

### **2.5. New York State Register of Historic Places Assessment**

There are no Historic places on this property.

### **2.6. Critical Habitat**

There are no critical habitats on this property.

### **2.7. Offsite Drainage**

No changes in drainage patterns are proposed.

### **2.8 Pre-construction Drainage Areas**

The property drains to the east to State wetland OL-41. No changes to pre construction runoff patterns will result from the construction of this project.

### **2.9 Potential sources of pollution**

Potential sources of pollution which may be reasonably expected to affect the quality of stormwater discharges.

- Sediment – all disturbed areas will be stabilized

### **III. Stormwater Management, Treatment and Conveyance**

A. Storm water treatment is not required. Management of stormwater from this property will be discharging roof and driveway drainage to adjacent lawn areas.

B. Stormwater conveyance for this project consists of sheet flow onto adjacent lawn areas.

### **IV. Stormwater Management**

Treatment of stormwater is not required.

### **V. Erosion and Sediment Control**

#### **A. Temporary Erosion and Sediment Control Measures**

1. Temporary erosion and sediment control measures in the design of this project are silt fence. The driveway will be provided with a stabilized construction entrance. The contractor will be responsible for daily sediment cleanup on the driveway, if any. Silt fence are proposed to be installed along the downslope of all areas of disturbance as shown on the site plan, or as determined to be necessary during construction.

2. Runoff will be controlled within the project area. Bare soil areas, disturbed areas, will be seeded and mulched to control possible erosion and slow the velocity of runoff. Such activities shall be initiated by the end of the next business day and completed within 7 days from the date the current soil disturbance activity ceased.

3. Initial grading shall take place to install the sediment control measures. Soil stockpiles shall be stabilized away from any drainage structures or natural drainage paths. Once final grading has been achieved in any area that area shall be seeded and mulched and not redisturbed again.

4. Soil stockpiles must be protected with seeding and/or mulching as soon as possible but no longer than 7 days after ceasing activity. (see item # 2 above)

5. Measures must be in place prior to disturbance of a particular area in order to prevent sediment from traveling off site. This is accomplished on this site by the proper installation of silt fence.

6. Dust shall be controlled to keep the amount of particles/sediment generation by construction activity to a minimum. This will be accomplished by seeding and mulching of disturbed areas and wetting areas prone to airborne dust.

7. All temporary and permanent sediment and erosion control measures must be checked on a weekly basis for functionality and stability. This includes the silt fencing and the stabilized construction entrance. Any bare spots in areas previously seeded will be reseeded and remulched as soon as necessary. In areas where soil erosion and sedimentation is found to be a

problem and measures are not in place, appropriate measures must be installed as required by the supervising engineer.

8. Final grading shall match approximately the cut and fill lines as shown on the plans. This must be accomplished within 7 days of the end of the construction activity unless otherwise specified under the Town or DEC permits. (see item # 2 above)

9. Temporary measures shall not be removed until all disturbed areas protected by such measures are fully and properly stabilized.

10. Permanent non structural measures to remain in place are re-established areas of grass and landscaping within the non impervious areas.

11. Pollution prevention measures that will be utilized to prevent construction debris from becoming a pollutant source include:

...Litter control – refuse containers will be provided on the site for the deposition of any debris. The contractor shall police the site at the end of each day, collect litter and deposit litter in the refuse containers.

...Construction chemicals – all construction chemicals including but not limited to equipment fuels and oils and cleaning solvents shall be stored in appropriate containers and within a locked facility overnight.

Any spills of construction chemicals will be immediately cleaned up in accordance with appropriate procedures.

Any significant spill will be immediately reported to the NYSDEC pursuant to State Regulations, procedures and requirements.

...Construction debris will be collected and placed in roll off containers and disposed off site in at an appropriate disposal facility. (Part III.B.1.j)

## **B. Permanent Erosion Control Measures**

1. Permanent erosion control measures employed in the design of the project include stabilization of all disturbed areas with grass.

## **VI. Inspection & Maintenance of Stormwater and Erosion Control Measures**

### **A. Inspection and Reporting Requirements**

All erosion control measures are to be inspected weekly. In the case of a rain event, measures must be checked immediately after. Inspections shall be made by a qualified professional and reports will be kept on site in a dedicated mailbox labeled, “Stormwater Documents”.

## B. Responsibilities

The project contractor and/or subcontractors shall be responsible to install, construct, repair, replace, inspect and maintain the temporary erosion and sediment control practices included in the SWPPP. The project contractor/subcontractor shall be responsible for constructing the post construction storm water management practices included in the SWPPP. Such measures will be maintained by the project contractor/subcontractor during the entire construction period.

Permanent measures will be maintained by the owner of the property.  
(Part III.A.6) (Part IV)

Developer:

Anthony Genovese

Mahopac, New York, 10541

Owner/ Applicant

Same as developer

The *owner or operator* shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor*. The *owner or operator* shall ensure that at least one *trained contractor* is on site on a daily basis when soil disturbance activities are being performed.

The *owner or operator* shall have each of the contractors and subcontractors identified above sign a copy of the following certification statement below before they commence any *construction activity*:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for storm water discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings. "

In addition to providing the certification statement above, the certification page must also identify the specific elements of the SWPPP that each contractor and subcontractor will be responsible for and include the name and title of the person providing the signature; the name and title of the *trained contractor* responsible for SWPPP implementation; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification statement is signed.

The *owner or operator* shall attach the certification statement(s) to the copy of the SWPPP that is maintained at the construction site. If new or additional contractors are hired to implement measures identified in the SWPPP after construction has commenced, they must also sign the certification statement and provide the information listed above.

## **C. Temporary Measures**

### **1. Construction Entrance(s)**

The construction entrances shall be maintained in a condition which will prevent tracking or flowing of sediment onto the public right of way. This will require, sweeping and washing the driveway surfaces, periodic top dressing with addition stone or additional length as conditions demand based on daily inspections and repair and/or clean out of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights of way must be immediately removed.

### **2. Silt Fence**

Silt fence is proposed down gradient from all disturbed areas proposed on the site. Silt fence is used to collect the transported sediment load due to runoff and to slow said runoff, in an effort to prevent erosion. The silt fence is a temporary barrier of geotextile fabric supported by fence posts at a 10 foot maximum interval.

Sediments shall be removed from behind the fence when it becomes 0.5 feet deep at the fence. It should also be inspected regularly, at least once a week and repaired as needed to maintain a barrier.

## **D. Permanent Measures**

### **1. Permanent vegetation**

All grassed areas shall be maintained to provide a vegetative cover to hold soils in place.

## VII. General Requirements for Owners or Operators with Permit Coverage

A. The *owner or operator* shall maintain a copy of the General Permit (GP-0-15-002), NOI, *NOI Acknowledgment Letter*, SWPPP, MS4 SWPPP Acceptance form and inspection reports at the construction site until all disturbed areas have achieved *final stabilization* and the NOT has been submitted to the Department.

The documents must be maintained in a secure location, such as a job trailer, on-site construction office, or mailbox with lock. The secure location must be accessible during normal business hours to an individual performing a compliance inspection. (Part II.B.C.2)

B. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4*, the *owner or operator* shall notify the *MS4* in writing of any planned amendments or modifications to the post-construction stormwater management practice component of the SWPPP required by Part III.A. 4. and 5. of this permit. Unless otherwise notified by the *MS4*, the *owner or operator* shall have the SWPPP amendments or modifications reviewed and accepted by the *MS4* prior to commencing construction of the post-construction stormwater management practice. (Part II.C.5)

C. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4* and meet subdivision 2a. or 2b. of this Part, the *owner or operator* shall also have the *MS4* sign the "MS4 Acceptance" statement on the NOT. The *owner or operator* shall have the principal executive officer, ranking elected official, or duly authorized representative from the *regulated, traditional land use control MS4*, sign the "MS4 Acceptance" statement. The *MS4* official, by signing this statement, has determined that it is acceptable for the *owner or operator* to submit the NOT in accordance with the requirements of this Part. The *MS4* can make this determination by performing a final site inspection themselves or by accepting the *qualified inspector's* final site inspection certification(s) required in Part V.3. (Part V.A.4)

D. Within 10 days after the installation of all erosion control plan measures, the applicant shall submit to the Building Inspector a letter from the qualified professional who designed the plan for JAB, Inc, stating that all erosion control measures have been constructed and installed in compliance with the approved plans.

E. Various certifications are required to be completed as follows:

1. SWPPP Modification Summary Sheet
2. SWPPP Preparer Certification
3. Contractor and Sub-contractor Certification

These documents are appended to this SWPPP.



## **VIII. Conclusions**

In conclusion, the proposed project shall not result in any negative impact to existing hydrologic condition at the vicinity of the property and proposed storm water management practices conforms to NYSDEC Storm water Management Design Manual and GP-0-20-001. In addition, the design of all storm water management practices meets the requirements of the Town of Carmel.

**STORMWATER POLLUTION PREVENTION PLAN  
SEQUENCE OF CONSTRUCTION  
FATMIR OSMANAJ  
15 ADAM WAGNER DRIVE  
CARMEL(T)**

The following are sequence and methods of construction for the construction of a house on property owned by Fatmir Osmanaj, 15 Adam Wagner Drive, Carmel (T), Putnam County, New York. Erosion and sediment control measures are incorporated into the construction program. Construction of this project will be in one phase.

Proposed erosion and sediment control methods are found on the Site Plan. The erosion controls are designed in accordance with the State of New York, "Guidelines for Urban Erosion and Sediment Control". The project is expected to start in the Fall of 2020 and continue over a one year period.

**A. General Construction Notes**

1. The site shall be disturbed only when and where necessary. Only the smallest practical area of land shall be exposed at any one time during development. When land is exposed, the exposure shall be kept to the shortest practical period of time by immediate stabilization per the stabilization notes, unless specified otherwise. All disturbed areas that are seeded with appropriate seed mixture and procedure are considered stabilized when 80% of the vegetation is achieved.
2. Where ever feasible, natural vegetation shall be retained and protected.
3. The contractor shall inspect all erosion and sediment control devices during all storm events, prior to weekends and prior to all forecasted storm events.
4. The Contractor shall grade and provide stabilization of newly graded and disturbed areas per item 8 of this sequence.

**B. Construction Sequence**

1. Install all erosion control measures.
2. Perform site grading for the house and driveway.
3. Begin house construction
4. Install utilities, septic sytem and well
5. Topsoil, seed and mulch all disturbed areas in accordance with the stabilization notes.
6. Remove all temporary erosion control measures. Restore/backfill to final grade and provide stabilization is necessary.
7. Contractor to perform final site clean up and dispose of all debris properly.

**8. STABILIZATION NOTES**

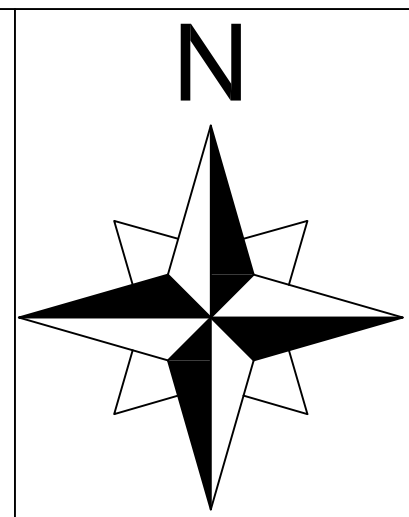
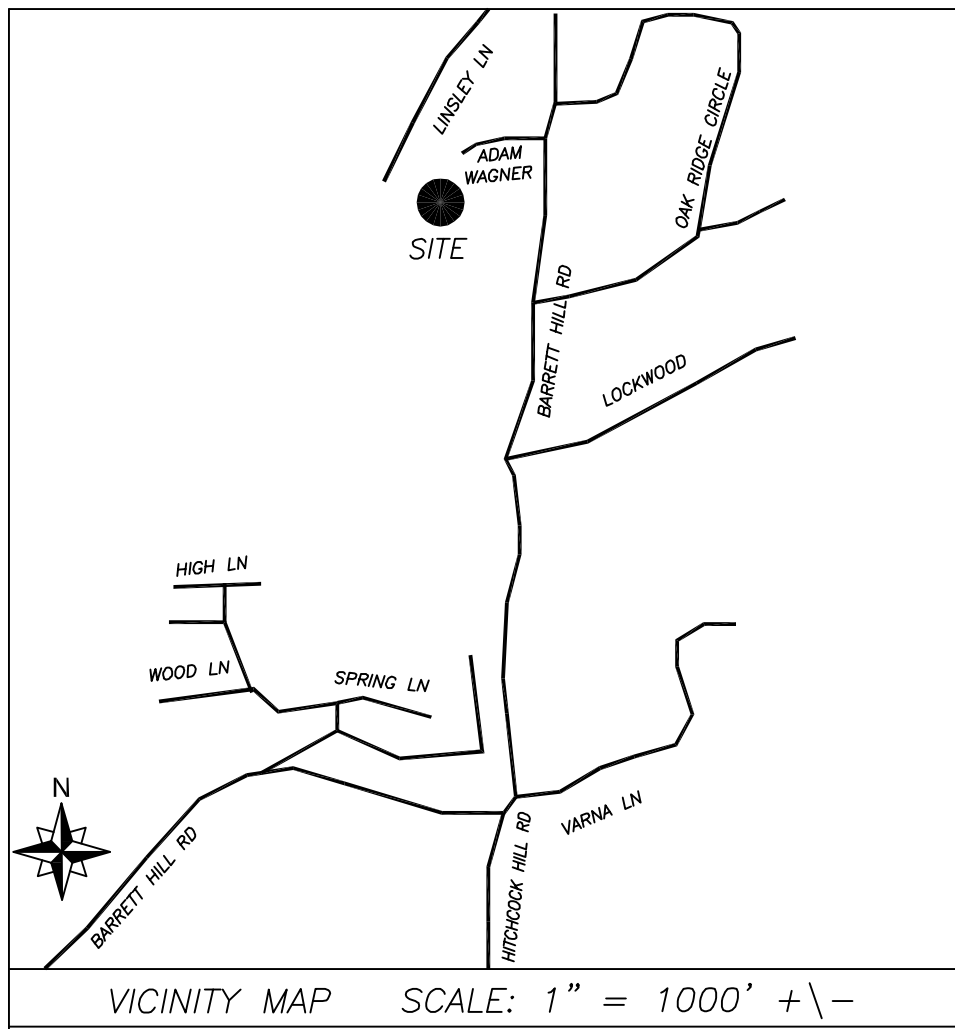
- A. Grade to finished slopes
- B. Soils shall be scarified.
- C. Topsoil with not less than four inches of suitable topsoil material
- D. Seed as follows:

Spring/Fall Planting: Tall fescue	100
Kobe Gespedza	10
Bahi Grass	25
Rye Grass	40

Temporary Summer Planting

German Millet	40
---------------	----

All above units in lbs/sc



AS SHOWN ON "LOTLINE REVISION OF LOT 2 AND 3 OF THE MORTON MINCHENBERG SUBDIVISION FILED MAP No. 1944-B SEE ALSO No. 1944-A AND 1944"

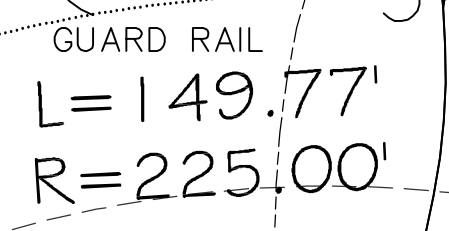
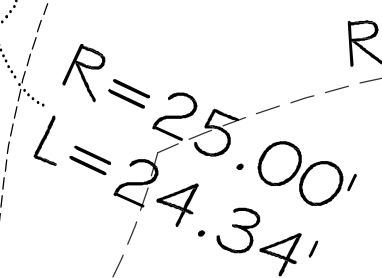
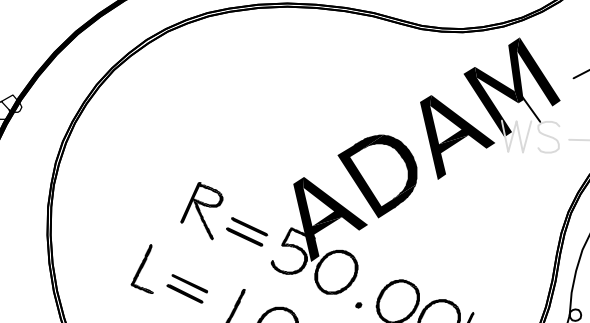
LOT 3

LOT 1 FILED MAP 1944-A

LOT 2 FILED MAP 1944-B

WAGNER

LANE



(2) 48" C.M.P.

578°18'25"E

214.67'

S19°22'09"W

R=25.00'

L=76.36'



BARRETT HILL

R=375.00'

L=42.54'

S12°22'09"W

L=115.00'

512°22'09"W

140.00'

S18°52'09"W

181.70'

R=825.00'

L=72.19'

N80°34'10"W

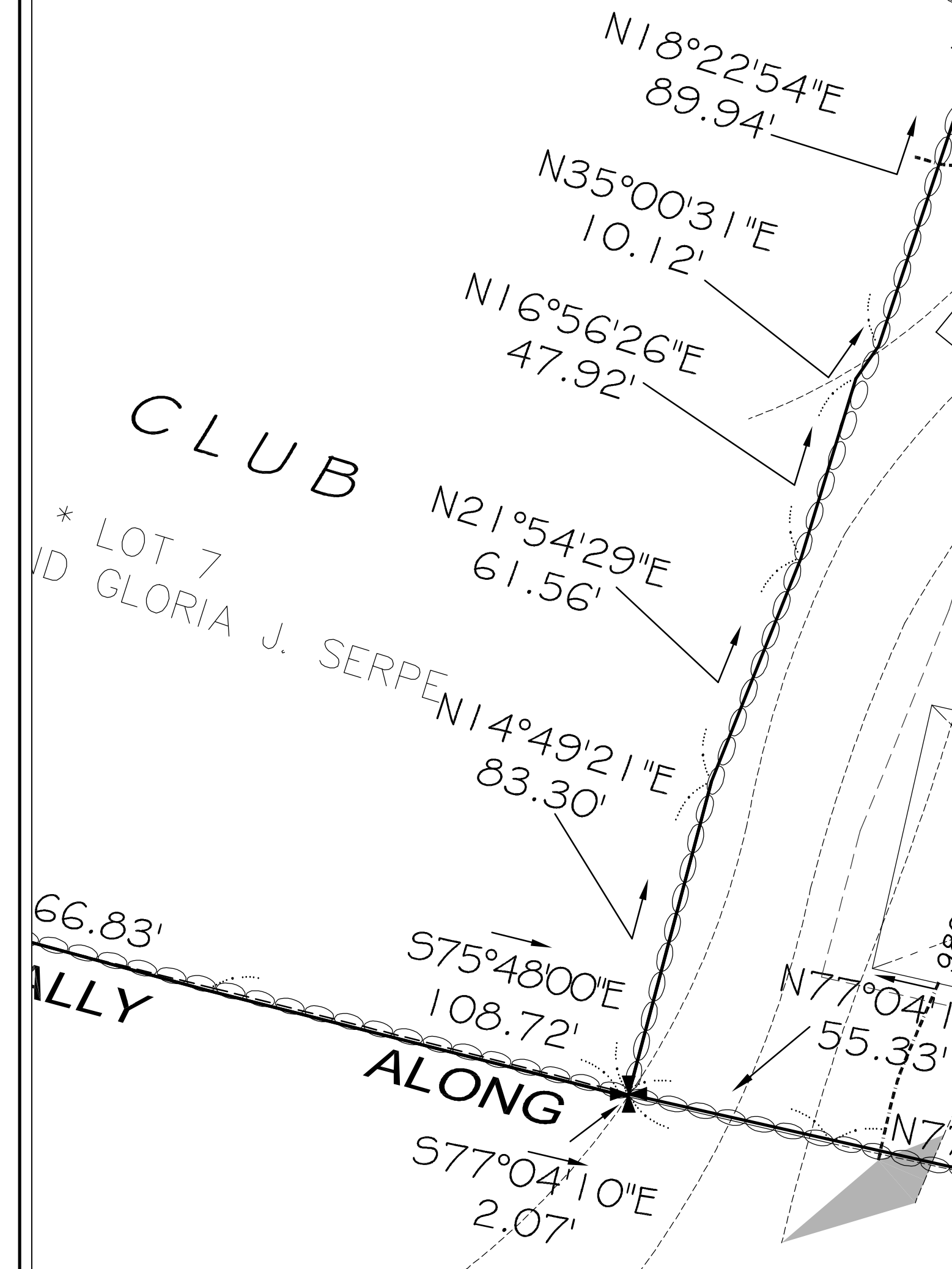
70.70'

N68°34'35"W

L=14.37'

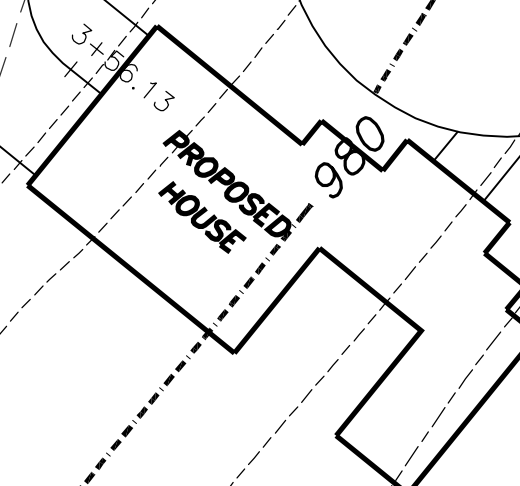
S79°26'40"E

L=4.35'



CLUB

\* LOT 7 ID GLORIA J. SERPENTILLY ALONG



SEPTIC & EXPANSION AREA

DRIVEWAY

LOT 4

WETLANDS DELINEATED BY TED KOZLOWSKI JANUARY 11, 2020  
WETLAND FLAGS LOCATED FEBRUARY 25, 2020

WETLAND BOUNDARY FLAGGING LOCATED ON JULY 20, 2002

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No.	DATE

**JOHN KARELL, JR. P.E.**  
121 CUSHMAN ROAD  
PATTERSON, NEW YORK 12563

945-678-7894 phone  
945-678-4939 fax  
jakk911@nyes.com

OWNER:	SCALE:	LATEST REVISION:
FATMIR OSMANAJ 15 ADAM WAGNER LANE CARMEL (T)	1" = 20'	
SITE PLAN	DATED: April 14, 2020	SHEET No. S-1
	Tax Map: 42-1-16	



LINE AS PER FILED MAP No. 1944A

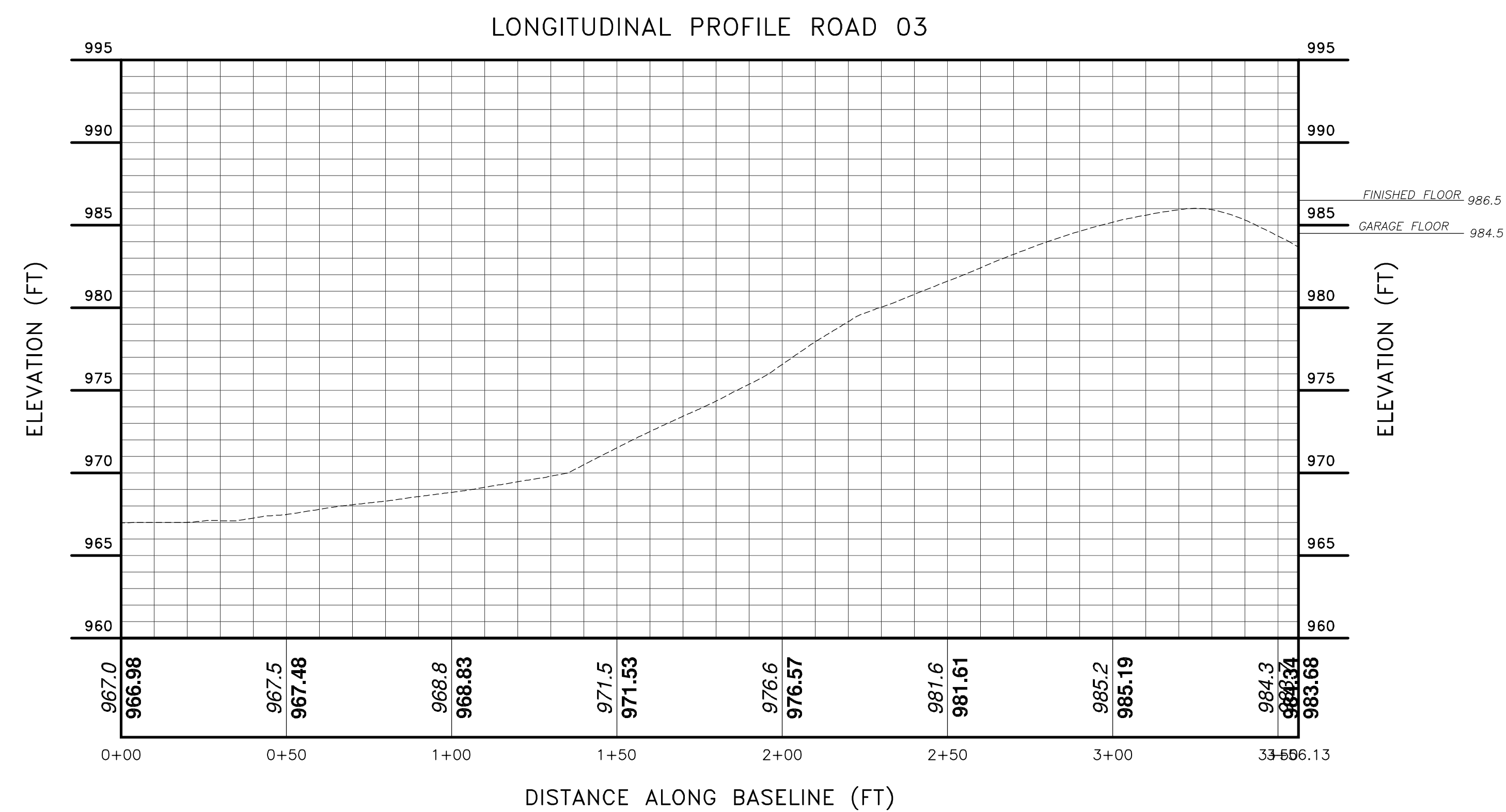
DEED LINE AS PER LIBER 583 C.P. - 26

18" C.M.P.

CATCH BASIN

STONE WALL

18"

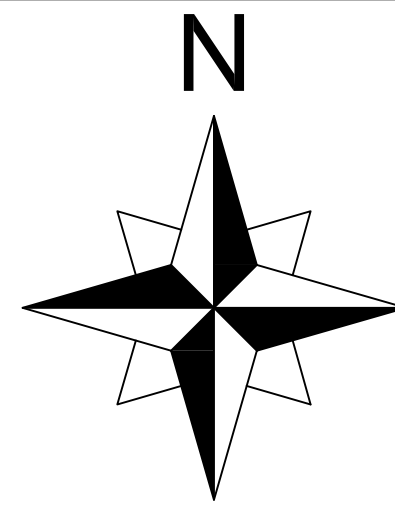


PROFILE SCALE:  
 HORIZ: 1"=30'  
 VERT: 1"=6'

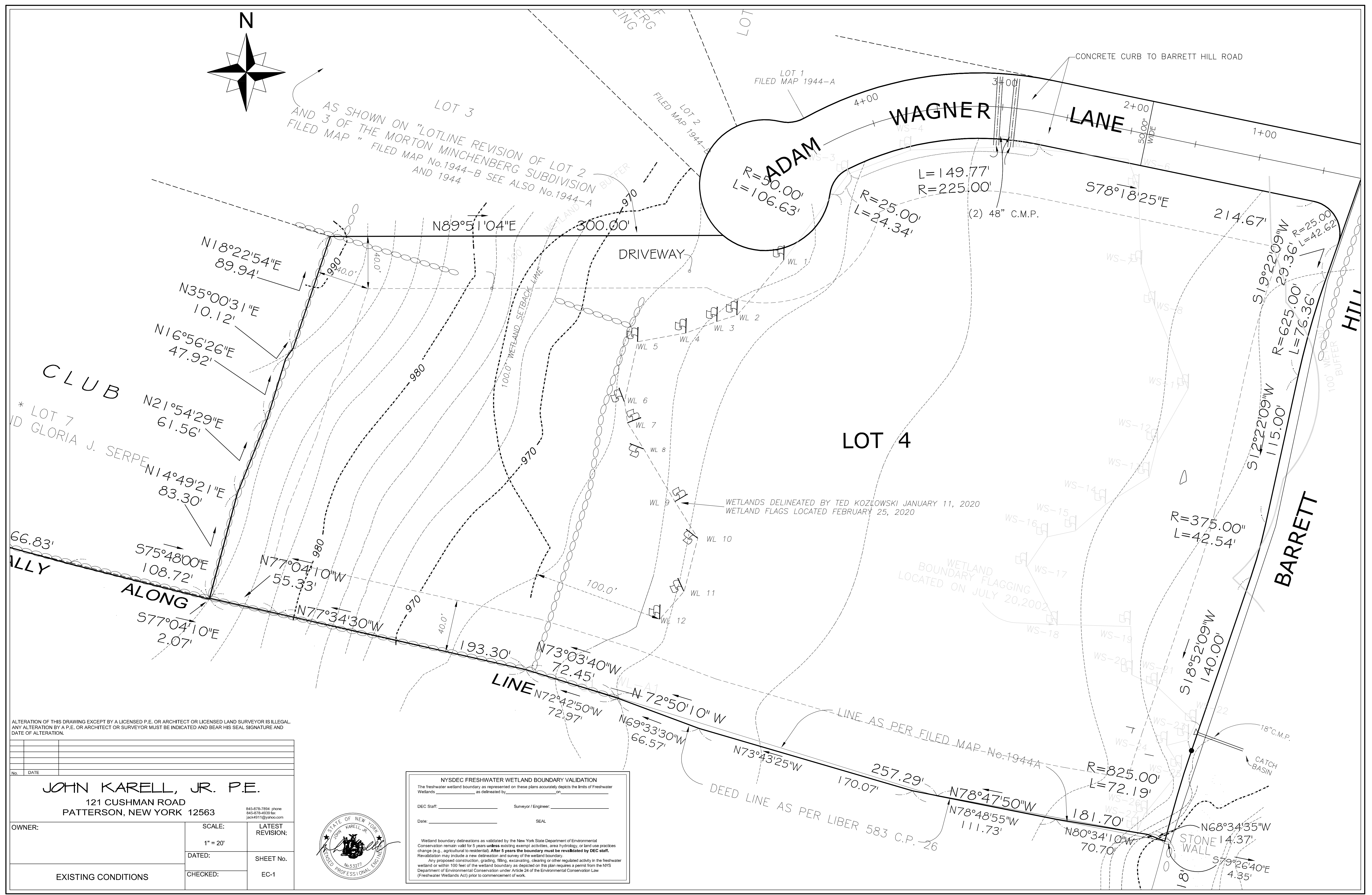
ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL.  
 ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND  
 DATE OF ALTERATION.

No.	DATE	
<b>JOHN KARELL, JR. P.E.</b> 121 CUSHMAN ROAD PATTERSON, NEW YORK 12563 <small>845-878-7884 phone          845-878-4839 fax          jack4911@yahoo.com</small>		
OWNER:	SCALE:	LATEST REVISION:
FATMIR OSMANAJ 15 ADAM WAGNER LANE CARMEL (T)	1" = 20'	
PROFILE	DATED: April 14, 2020 Tax Map: 42.-1-6	SHEET No. P-1





AS SHOWN ON "LOTLINE REVISION OF LOT 2 AND 3 OF THE MORTON MINCHENBERG SUBDIVISION FILED MAP " FILED MAP No.1944-B SEE ALSO No.1944-A AND 1944



ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No.	DATE
<b>JOHN KARELL, JR. P.E.</b>	
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563	
945-876-7894 phone 945-876-4939 fax jack4911@yahoo.com	
OWNER:	SCALE: 1" = 20'
	LATEST REVISION:
	SHEET No.
EXISTING CONDITIONS	CHECKED: EC-1



**NYSDEC FRESHWATER WETLAND BOUNDARY VALIDATION**

The freshwater wetland boundary as represented on these plans accurately depicts the limits of Freshwater Wetlands \_\_\_\_\_ as delineated by \_\_\_\_\_ on \_\_\_\_\_.

DEC Staff: \_\_\_\_\_ Surveyor/Engineer: \_\_\_\_\_

Date: \_\_\_\_\_ SEAL

Wetland boundary delineations as validated by the New York State Department of Environmental Conservation remain valid for 5 years unless existing exempt activities, area hydrology, or land use practices change (e.g., agricultural to residential). After 5 years the boundary must be revalidated by DEC staff. Revalidation may include a new delineation and survey of the wetland boundary. Any proposed construction, grading, filling, excavating, clearing or other regulated activity in the freshwater wetland or within 100 feet of the wetland boundary as depicted on this plan requires a permit from the NYS Department of Environmental Conservation under Article 24 of the Environmental Conservation Law (Freshwater Wetlands Act) prior to commencement of work.

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  
Vincent Turano  
Anthony Federice

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: FATMIR OSMANAJ

Address of Applicant: 120 Anderson Ave Email: \_\_\_\_\_  
MT Vernon, NY, 10550

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

Property Address: 441 Barrett Hill Road Tax Map # 53-1-63

Agency Submitting Application if Applicable: DIA

Location of Wetland: middle of property adjacent to pond and stream

Size of Work Section & Specific Location: 120,000 SF or disturbance for house and driveway construction

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).  
8006 SF of disturbance within wetland & 100 ft setback (buffer) of State wetland 02-41 for construction of driveway

Proposed Start Date: 10/1/2020 Anticipated Completion Date: 12/31/2021 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.

Fatmir Osmanaj  
SIGNATURE

6/16/2020  
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.

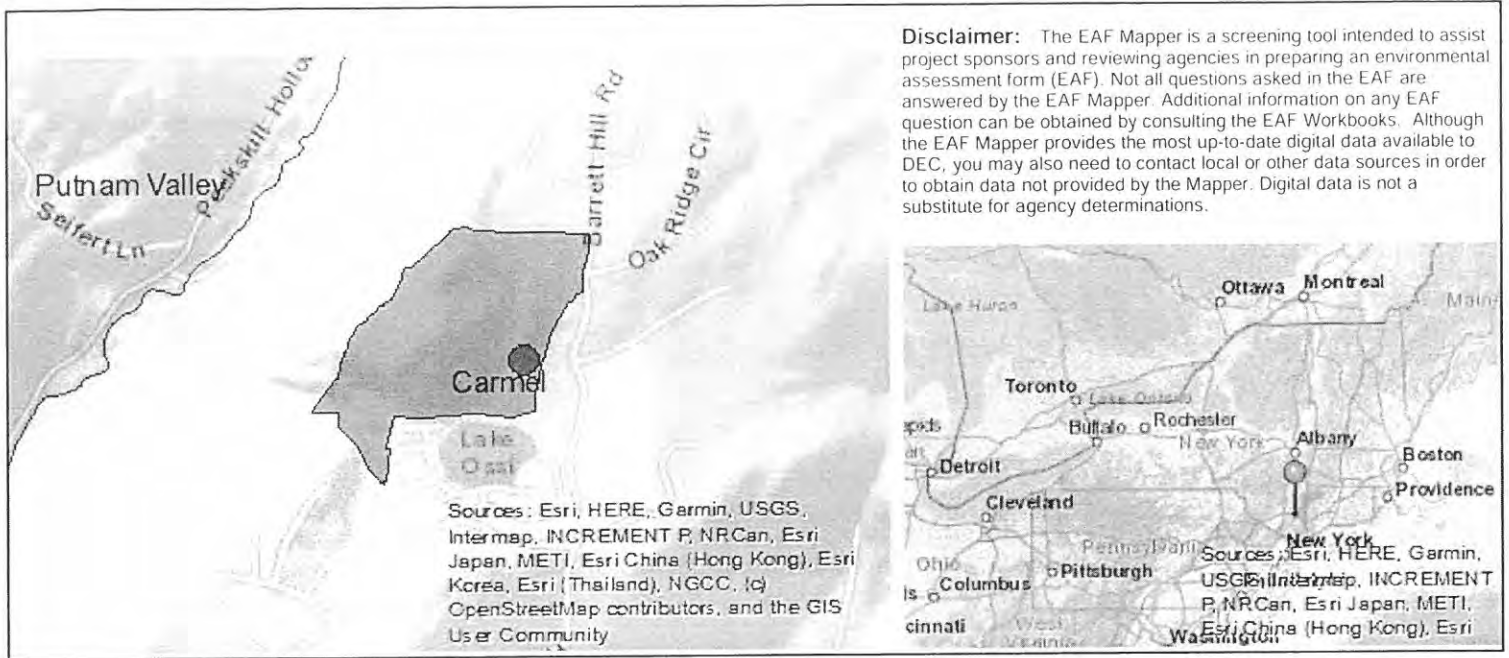
Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

<b>Part 1 – Project and Sponsor Information</b>				
Name of Action or Project: Osmanaj House Construction				
Project Location (describe, and attach a location map): 441 Barrett Hill Road, Mahopac NY				
Brief Description of Proposed Action: Construction of a single family house, septic system, well and driveway crossing a DEC wetland and watercourse. Demolition of an existing single family dwelling.				
Name of Applicant or Sponsor: Fatmir Osmanaj		Telephone: E-Ma''		
Address: 120 Anderson Road				
City/PO: Mt. Vernon		State: NY	Zip Code: 10550	
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 checked="" 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: Putnam County Department of Health, septic system and well, NYSDEC wetland permit, Town of Carmel Building Department			NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action?		88 acres		
b. Total acreage to be physically disturbed?		2.8 acres		
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		95 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, <ul style="list-style-type: none"> <li>a. A permitted use under the zoning regulations?</li> <li>b. Consistent with the adopted comprehensive plan?</li> </ul>	<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?	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"/>	YES <input type="checkbox"/>	
	<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 <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ drilled well	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: _____ septic system	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"/>	YES <input type="checkbox"/>	
	<input type="checkbox"/>	<input checked="" 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: _____ Watercourse and wetland crossing with driveway. _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" 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"/>
_____		
_____		
<b>I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b>		
Applicant/sponsor/name: <u>Fatmir Osmanaj</u> Date: <u>May 21, 2020</u>		
Signature: _____ 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]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 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

TED KOZLOWSKI  
136 BIG ELM ROAD  
BREWSTER, NY 10509

January 13, 2020

Mr. Jack Karell, Jr.  
Cushman Road  
Patterson, NY 12563

RE: Wetland Delineations, Fatmir Osmanaj  
**441 Barrett Hill Road** and Lot 4, Adam Wagner Lane, Mahopac, NY

Dear Mr. Karell:

At your request, on January 11, 2020, I delineated wetlands on the above sites as you directed. The delineation represents only portions of the total site wetlands. The delineation is only those wetland sections closest to the proposed development on the property. In addition, the wetlands extend beyond the property boundaries.

#### **441 Barrett Hill Road**

I placed 60 yellow survey flags on a large wetland system on this section of the property. This includes the pond, stream and natural wetland areas. The site is significantly disturbed by extensive tree removals, stream blockages and dumping. Most of the wetland is part of State designated class 3 wetland OL-41 and identified on the National Wetland Inventory as PSS1E, PFO4/SS1E, and PFO1/SS1E. Permits may be required by the Town, State DEC and Army Corps of Engineers.

Do not connect flags #3 to #4 as the wetland extends slightly offsite on the neighbor's property to the east. Do not connect flags #33 to #34 as the wetland extends north towards Adam Wagner Lane. Flag 52 represents the non-functioning drain culvert for the pond. Flags 14 and 52 represent water overflowing the pond, which has created wetland conditions down to the main wetland body. The area between flags #19 to 26 and #43 to 48 is a stream corridor flowing south to the pond and is greatly disturbed by recent tree cutting operations and has negatively impacted the stream. Do not connect flags #60 to 11 A as the wetland extends well beyond to the south and east. Flags south of #9 to 13 and 55 to 60 are likely part of State designated class 2 wetland OL-71.


The pond is a created farm pond and the wetlands are natural deciduous forest. The soils in the wetland areas are non-hydric Charlton/Chatfield from the pond area to the north and hydric Sun series mostly south of the pond in wetland OL-71. There is significant dumping near the pond and barns closest to the wetland. It appears that this has occurred over many years time. I have enclosed a map to help you understand the delineation.

Lot 4, Adam Wagner Lane

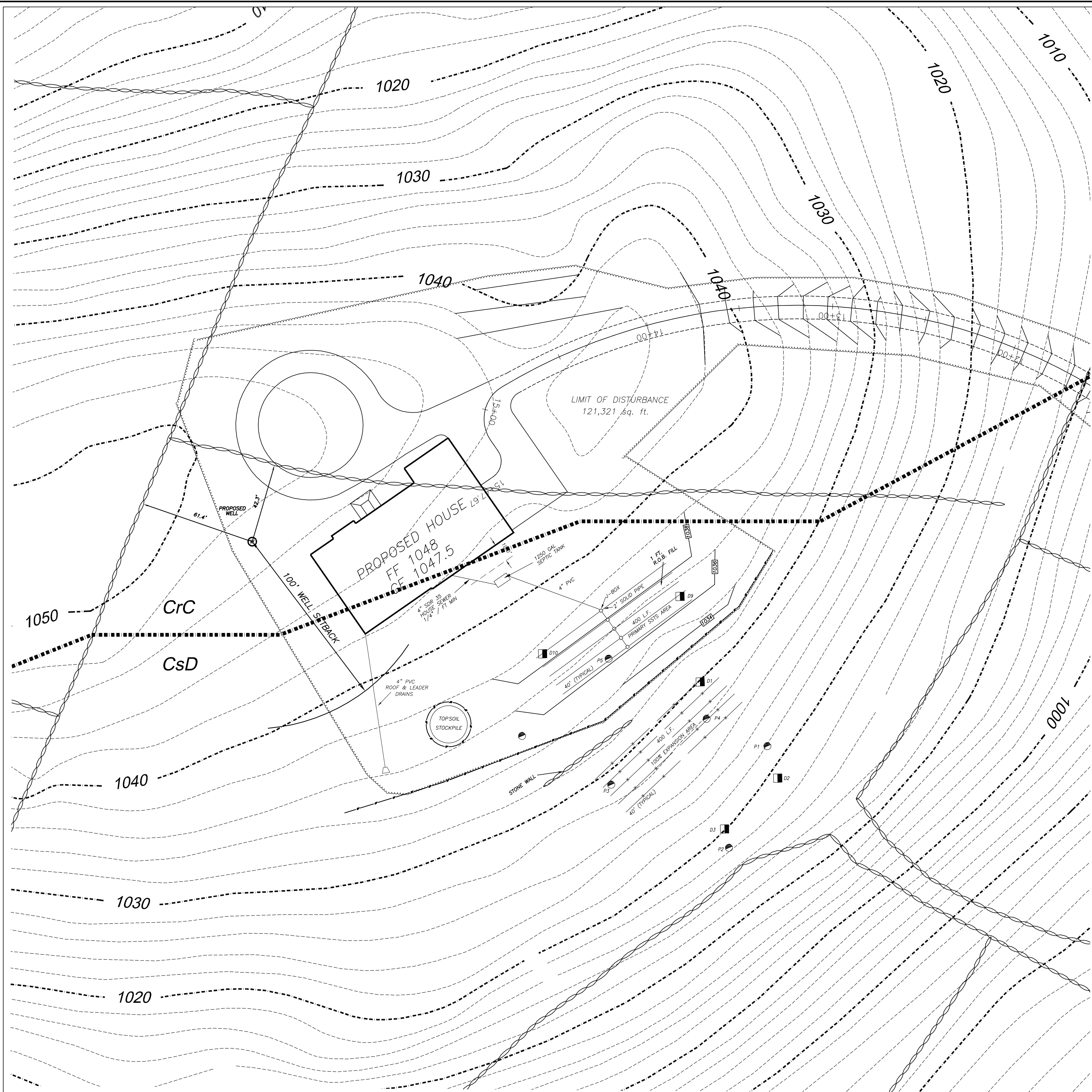
The wetland associated with this site is State designated wetland OL-41 and is identified as PFO1E on the National Wetlands Inventory. The same permit requirements apply as the wetland previously identified. I placed 12 yellow survey flags along the western wetland boundary closest to the proposed disturbance. This is a native deciduous forested wetland and does not have significant disturbances. The soils in this area are rated as hydric Sun series.

Thank you for this opportunity and please contact me if I can be of further assistance.

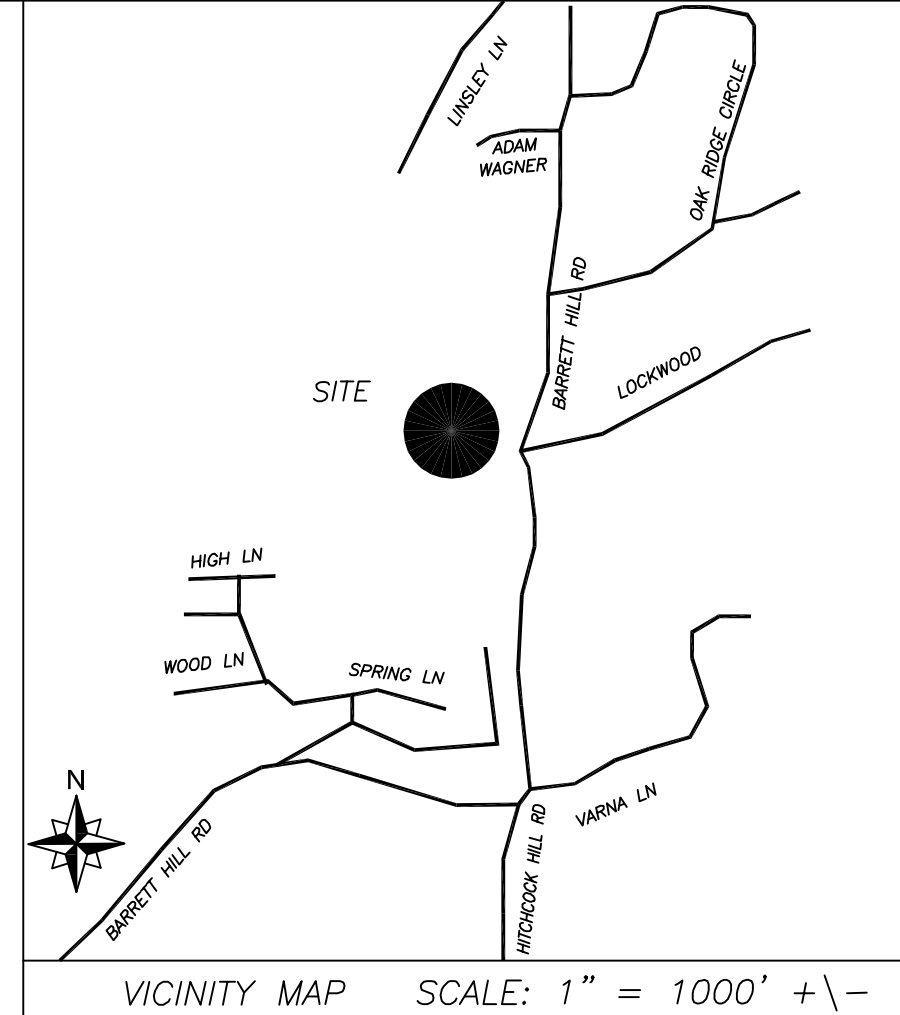
Sincerely,

A handwritten signature in black ink, appearing to read "Ted Kozlowski". The signature is written in a cursive style with a large, looping initial "T".

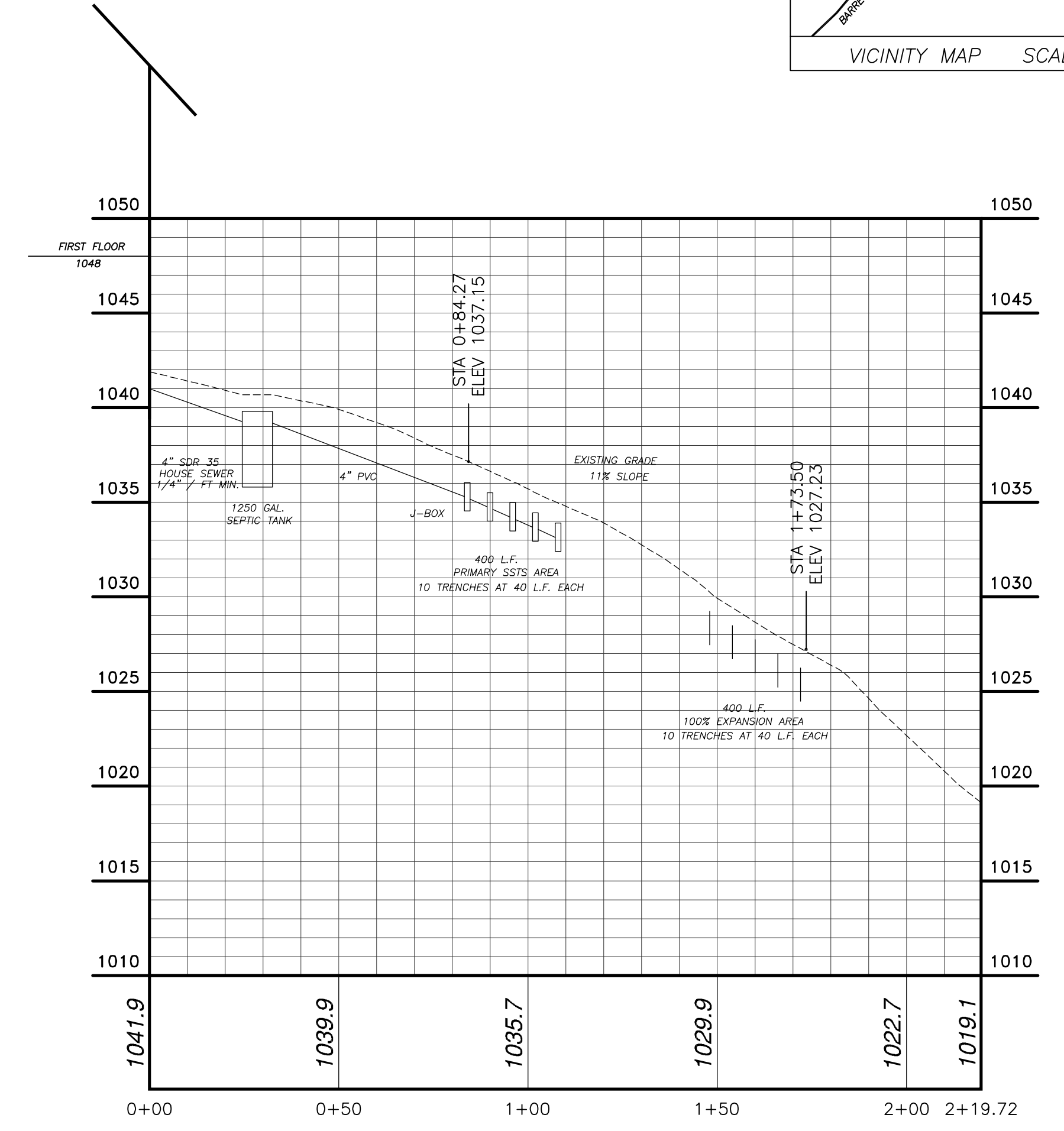
Ted Kozlowski, Certified Wetland Delineator



SCALE:  
1" = 30'



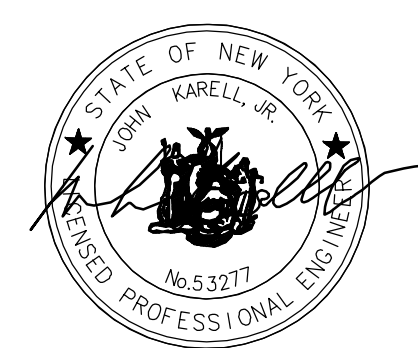
VICINITY MAP SCALE: 1" = 1000' +/-



PROFILE SCALE:  
HORIZ: 1" = 50'  
VERT: 1" = 10'

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

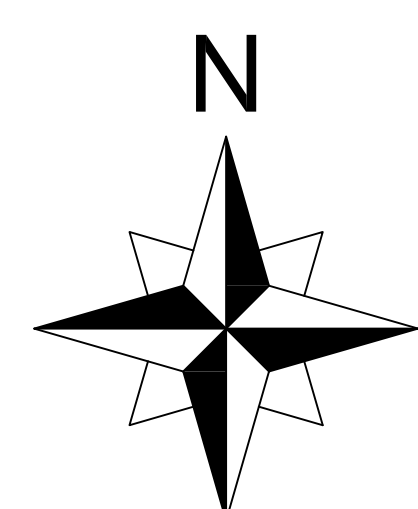
No.	DATE
<b>JOHN KARELL, JR. P.E.</b>	
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563	
OWNER:	SCALE: 1" = 30'
FATMIR OSMANAJ 441 BARRETT HILL ROAD CARMEL (T)	LATEST REVISION:
SEPTIC PLAN	DATED: April 14, 2020
	Tax Map: 53-1-63
	SHEET No. S-1



845-678-7884 phone  
845-678-4939 fax  
jack4911@yahoo.com

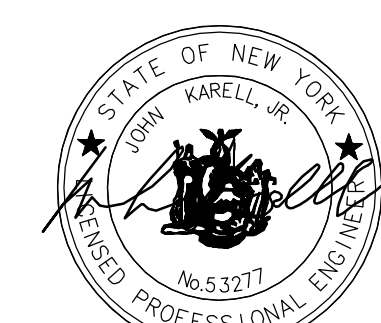


WETLANDS DELINEATED BY TED KOZŁOWSKI JANUARY 31, 2020  
 WETLAND FLAGS LOCATED FEBRUARY 25, 2020



LAND NOW OR FORMERLY ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

<p>CLIFFORD</p>		
<p>NO. DATE</p>		
<p><b>JOHN KARELL, JR. P.E.</b>          121 CUSHMAN ROAD          PATTERSON, NEW YORK 12563</p>		
OWNER:	SCALE:	LATEST REVISION:
FATMIR OSMANAJ 441 BARRETT HILL ROAD CARMEL (T)	1" = 20'	
SITE PLAN	DATED:	SHEET No.
	April 14, 2020	S-2
	Tax Map:	
	53-1-63	



LAND NOW OR FORMERLY KNOWN AS  
 FORMERLY RICHARD C. KENNEDY LIBERTY ESTATES  
 SUBDIVISION MAP OF TRYGG ESTATES  
 FILED MAP No. 1405 SEPT. 23, 1974 AS MAP No. 1405  
 LAND NOW OR FORMERLY MARK KAPITTI  
 FORMERLY SIGURJON SPANG  
 AND BJORN SIGURJONSSON  
 LIBERTY 884 C.P. 84

HILL ROAD  
 HARRY HILL ROAD  
 BARRETT KNOWN AS

PROPOSED HOUSE  
 FF 1048  
 OF 1047.5

FRAME BARN

POND

POOL

WELL

SCREEN PORCH

TO BE REMOVED

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

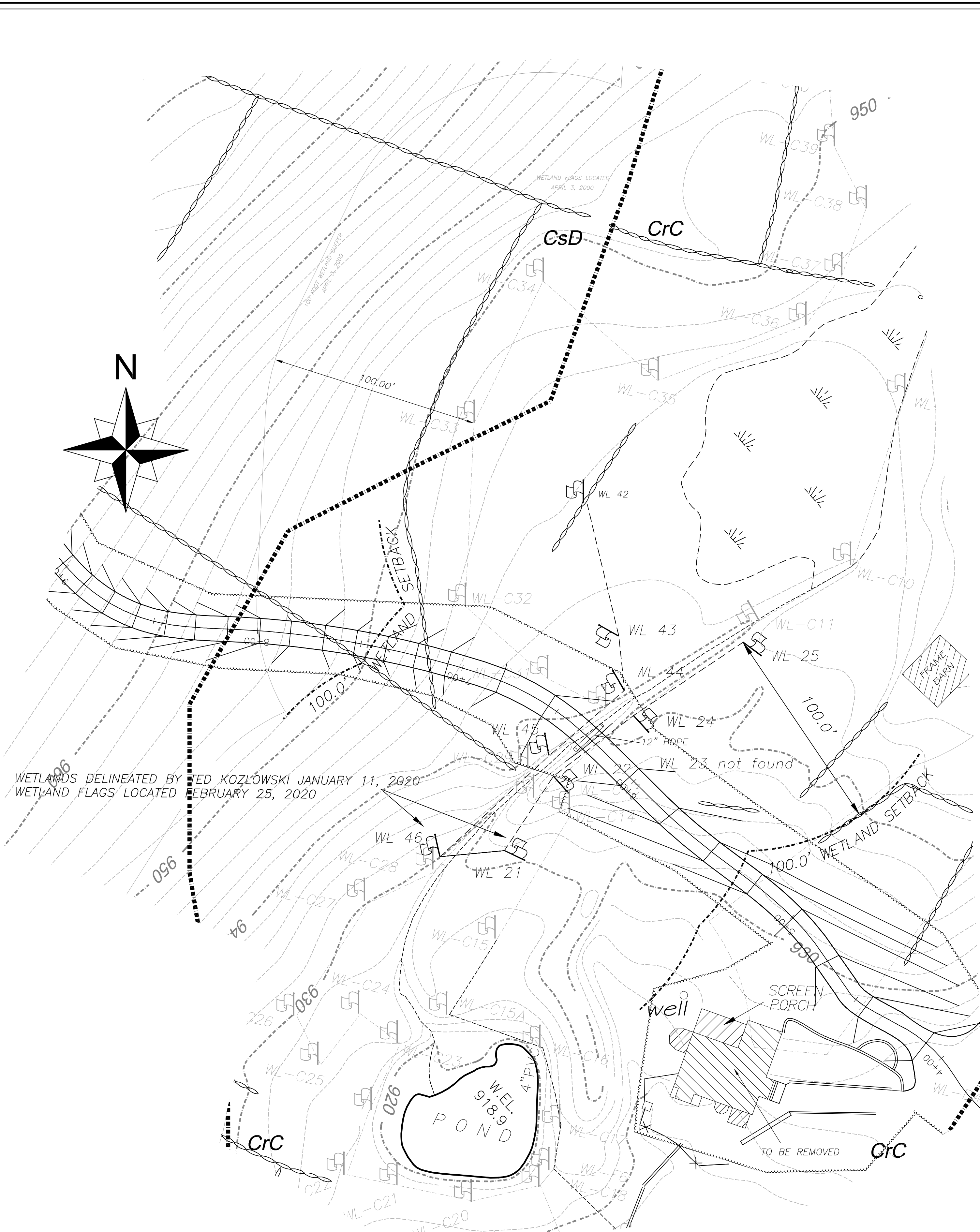
TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY

TRAVELED WAY



**NYSDEC FRESHWATER WETLAND BOUNDARY VALIDATION**  
The freshwater wetland boundary as represented on these plans accurately depicts the limits of Freshwater Wetlands as delineated by \_\_\_\_\_ on \_\_\_\_\_.

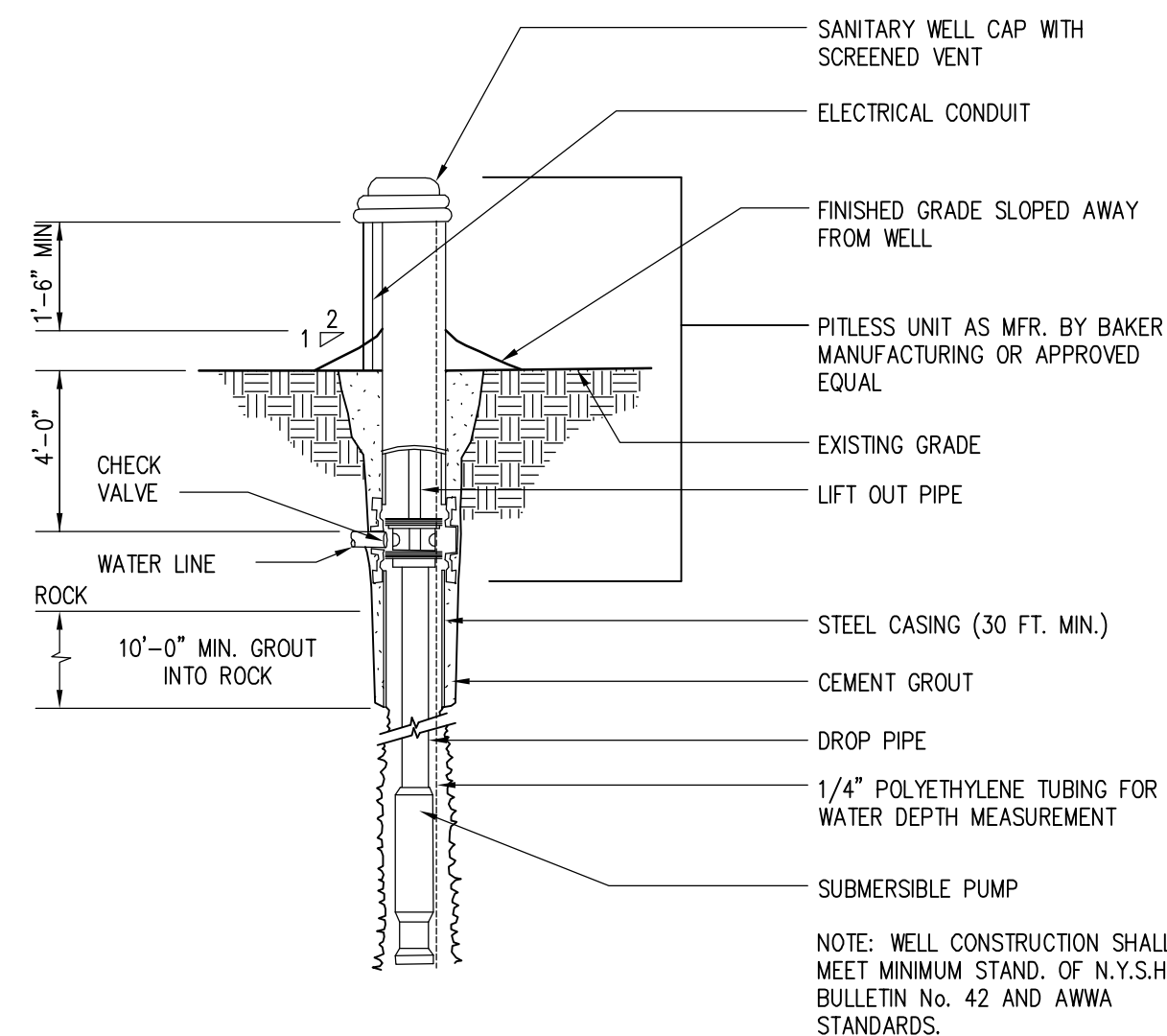
DEC Staff: \_\_\_\_\_ Surveyor / Engineer: \_\_\_\_\_  
Date: \_\_\_\_\_ SEAL

Wetland boundary delineations as validated by the New York State Department of Environmental Conservation remain valid for 5 years unless existing exempt activities, area hydrology, or land use practices change (e.g., agricultural to residential). After 5 years the boundary must be revalidated by DEC staff. Revalidation may include a new delineation and survey of the wetland boundary.  
Any proposed construction, grading, filling, excavating, clearing or other regulated activity in the freshwater wetland or within 100 feet of the wetland boundary as depicted on this plan requires a permit from the NYS Department of Environmental Conservation under Article 24 of the Environmental Conservation Law (Freshwater Wetlands Act) prior to commencement of work.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

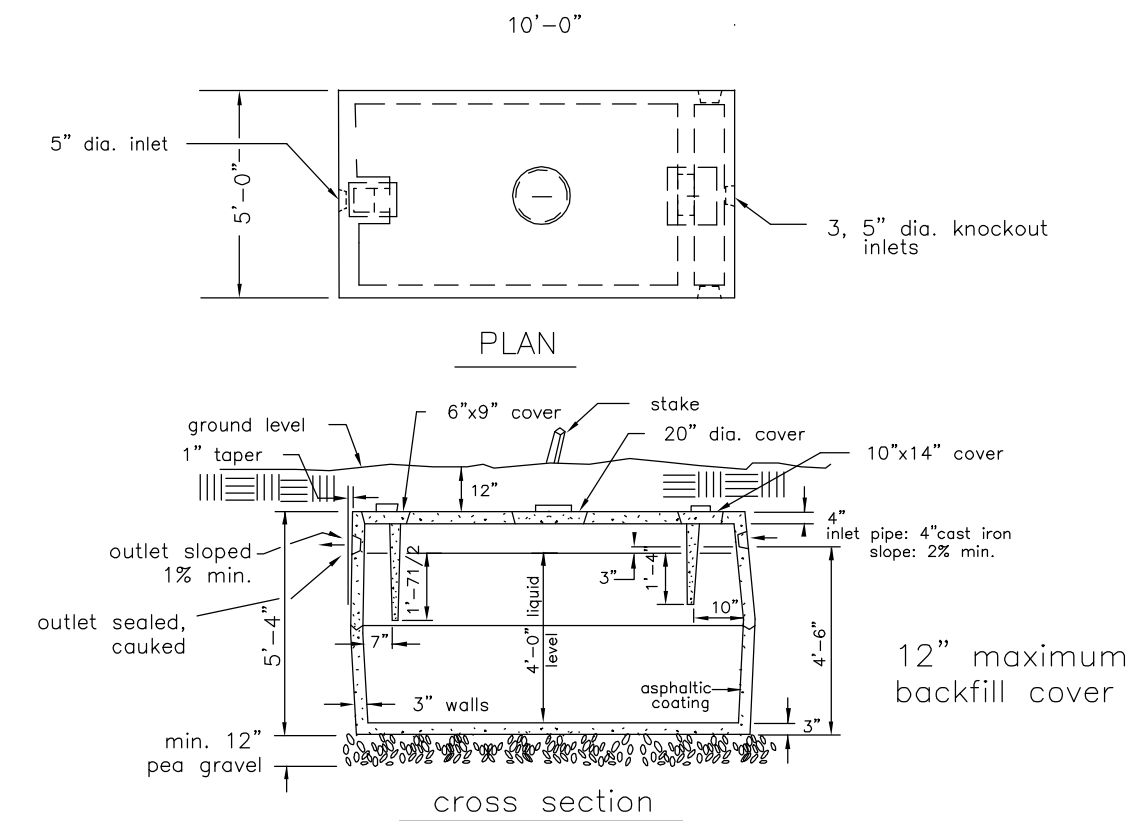
No.	DATE	
<b>JOHN KARELL, JR. P.E.</b>		
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563		
OWNER:	SCALE:	LATEST REVISION:
FATMIR OSMANAJ 441 BARRETT HILL ROAD CARMEL (T)	as shown	
	DATED:	SHEET No.
	April 14, 2020	
	Tax Map:	S-3
	53.-1-63	





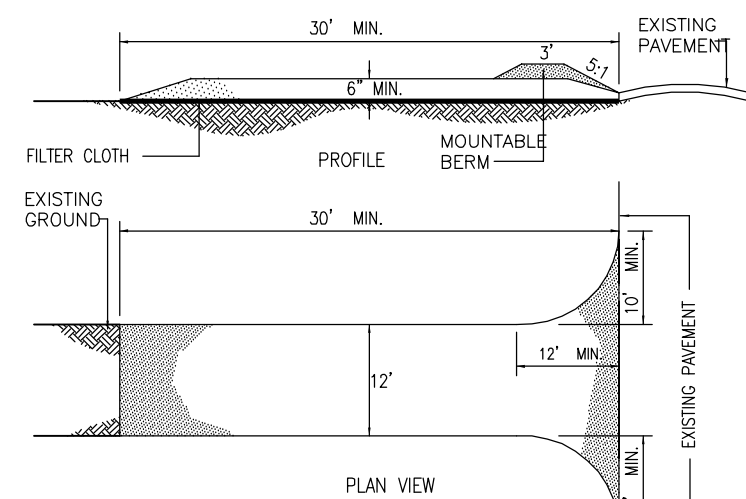
TYPICAL WELL DETAIL

N.T.S.



SEPTIC TANK DETAIL 1250 GAL.  
N.T.S.

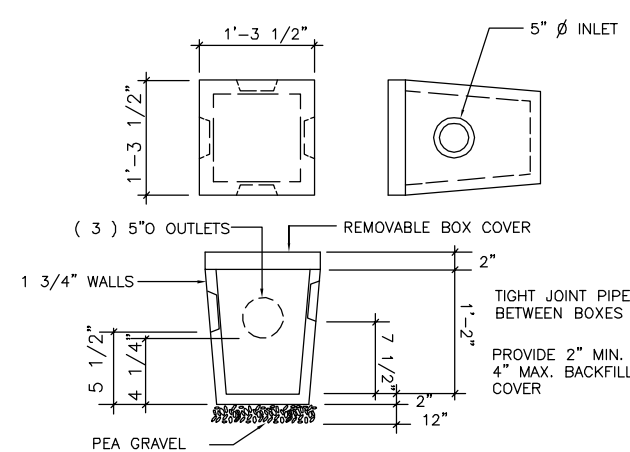
NOTES:  
IF THE DIMENSIONS OF THE SEPTIC TANK CHANGE, THE SEPTIC TANK INSTALLED MUST BE A DUAL COMPARTMENT SEPTIC TANK.  
MIN. FILL COVER IS 6" - 12" MAX. FILL COVER IS 24" AND IF FILL COVER IS GREATER THAN 24" MANHOLE RISERS TO GRADE MUST BE INSTALLED



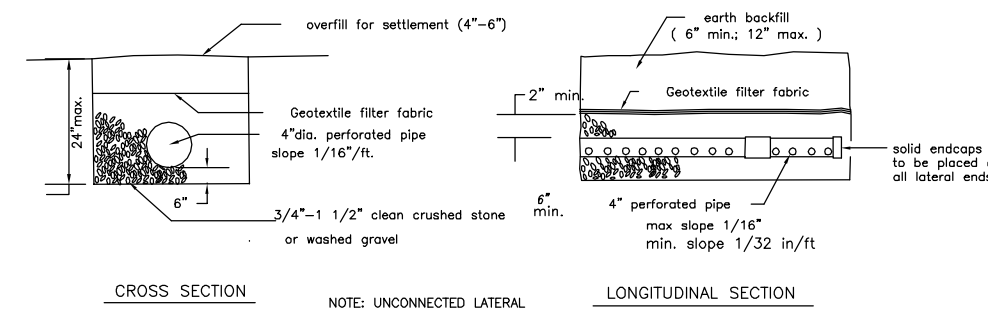
CONSTRUCTION SPECIFICATIONS:

1. STONE SIZE - USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 30 FEET
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

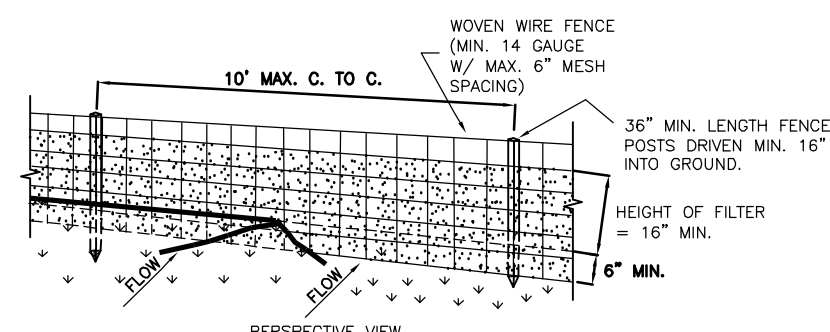
STABILIZED CONSTRUCTION ENTRANCE  
N.T.S.



JUNCTION BOX DETAIL  
N.T.S.



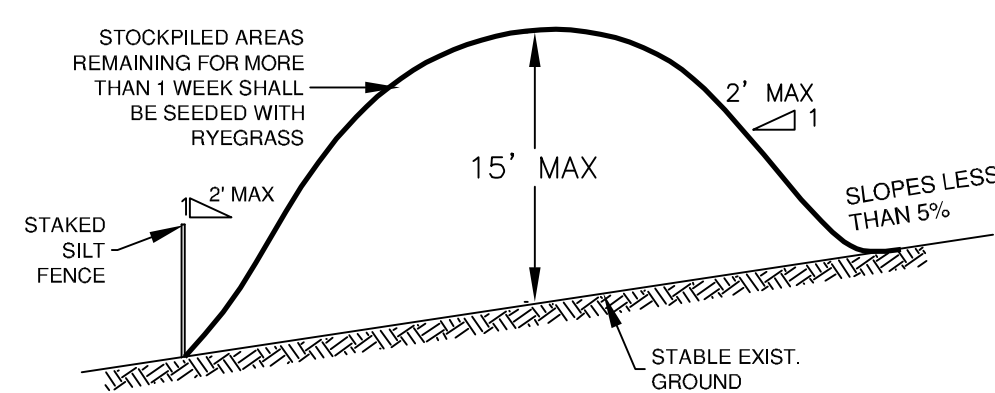
TYPICAL ABSORPTION TRENCH DETAIL  
N.T.S. PIPE TO BE: HDPE SDR 38 ASTM 5810



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER 1" OR 1 1/2" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MESH 1000, STABILUMA 1100N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOTAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE



TYPICAL SOIL STOCKPILE DETAIL  
N. T. S.

SOIL EROSION AND SEDIMENT CONTROL NOTES  
1. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE STALLED IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR EROSION AND SEDIMENT CONTROL (2005), AS PUBLISHED BY THE NEW YORK STATE SOIL AND WATER CONSERVATION SOCIETY AND RECOMMENDED BY THE U.S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE. (REFERRED TO IN REMAINING TEXT AS "THE NEW YORK GUIDELINES".

2. ANY DISTURBED AREA THAT WILL BE LEFT UNDISTURBED FOR MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL BE SEED AND MULCHED WITHIN 14 DAYS OF THE LAST DISTURBANCE WITH TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. THE SEEDING SHALL BE DONE IN ACCORDANCE WITH THE NEW YORK GUIDELINES, AS FOLLOWS:

- A) SEED: ANNUAL RYE GRASS APPLIED AT A RATE OF 30 LBS/ACRE OTHER SELECT MIXTURE AS DESCRIBED IN THE NEW YORK GUIDELINES.
- B) MULCH: OLD HAY OR SMALL GRAIN STRAW APPLIED AT A RATE OF NINETY (90) POUNDS PER ONE THOUSAND SQUARE FT. OR TWO TONS PER ACRE. TO BE APPLIED AND ANCHORED ACCORDING TO THE NEW YORK GUIDELINES. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL (NYLON WEB OR MESH) MAY BE USED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- C) IN AREAS OF SLOPES STEEPER THAN ONE ON TWO, JUTE MATTING SHALL BE USED TO STABILIZED SEEDED AND / OR PLANTED AREAS. JUTE MATTING SHALL BE INSTALLED AND ANCHORED IN ACCORDANCE WITH THE NEW YORK GUIDELINES.

3. ANY GRADED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC SHALL, WITHIN FIVE (5) DAYS AFTER FINAL GRADING, RECEIVE PERMANENT VEGETATIVE COVER IN COMBINATION WITH A SUITABLE MULCH AS FOLLOWS:

- A) STEEP SLOPES OR EROSION SLOPES GREATER THAN 2:1 (H:V) REFER TO PERMANENT CRITICAL AREA PLANTING NOTES.
- B) RECREATIONAL AREAS AND LAWN REFER TO RECREATIONAL AREA IMPROVEMENT NOTES.

4. SLOPES STEEPER THAN ONE ON THREE SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.

5. PAVED ROADWAYS SHALL BE KEPT CLEAR AT ALL TIMES.

6. THE SITE SHALL AT ALL TIMES BE GRADE AND MAINTAIN SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. EXCEPT FOR MINOR PERIMETER EMBANKMENT AREAS, ALL GRADE AREA SHALL BE DIRECTED THROUGH ONE OF THE SEDIMENT BARRIERS. DIVERSION SWALES MAY BE USED TO DIRECT DRAINAGE RUNOFF UNTIL PERMANENT STORM DRAINAGE SYSTEM IS IN PLACE.

7. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS.

8. STOCKPILES SHALL NOT BE LOCATED WITHIN FIFTY FEET (50') OF ROAD WAYS OR DRAINAGE FACILITIES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A SILT FENCE, HAY BALE BARRIERS OR A COMBINATION OF BOTH.

9. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR ON A DAILY BASIS TO ENSURE THAT TEMPORARY AND PERMANENT DITCHES, PIPES AND STRUCTURES ARE CLEAR OF DEBRIS, THAT EMBANKMENTS AND BERMS ARE NOT BREACHED, AND THAT ALL BARRIERS ARE INTACT.

10. MANDATORY STORMWATER INSPECTIONS SHALL BE PERFORMED WEEKLY AND WITHIN 24 HOURS OF ANY PRECIPITATION EVENT PRODUCING MORE THAN 1/2" OF PRECIPITATION OVER AND 24 HOUR PERIOD. INSPECTIONS ARE PERFORMED BY A LICENSED CERTIFIED PROFESSIONAL.

11. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON CERTIFICATION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OR PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

12. ALL DRAINAGE OUTLETS AND INLETS SHALL BE LINED WITH RIP-RAP AS SPECIFIED ON THE PLANS AND/OR PER ENGINEER.

13. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR IMPLEMENTATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No.	DATE

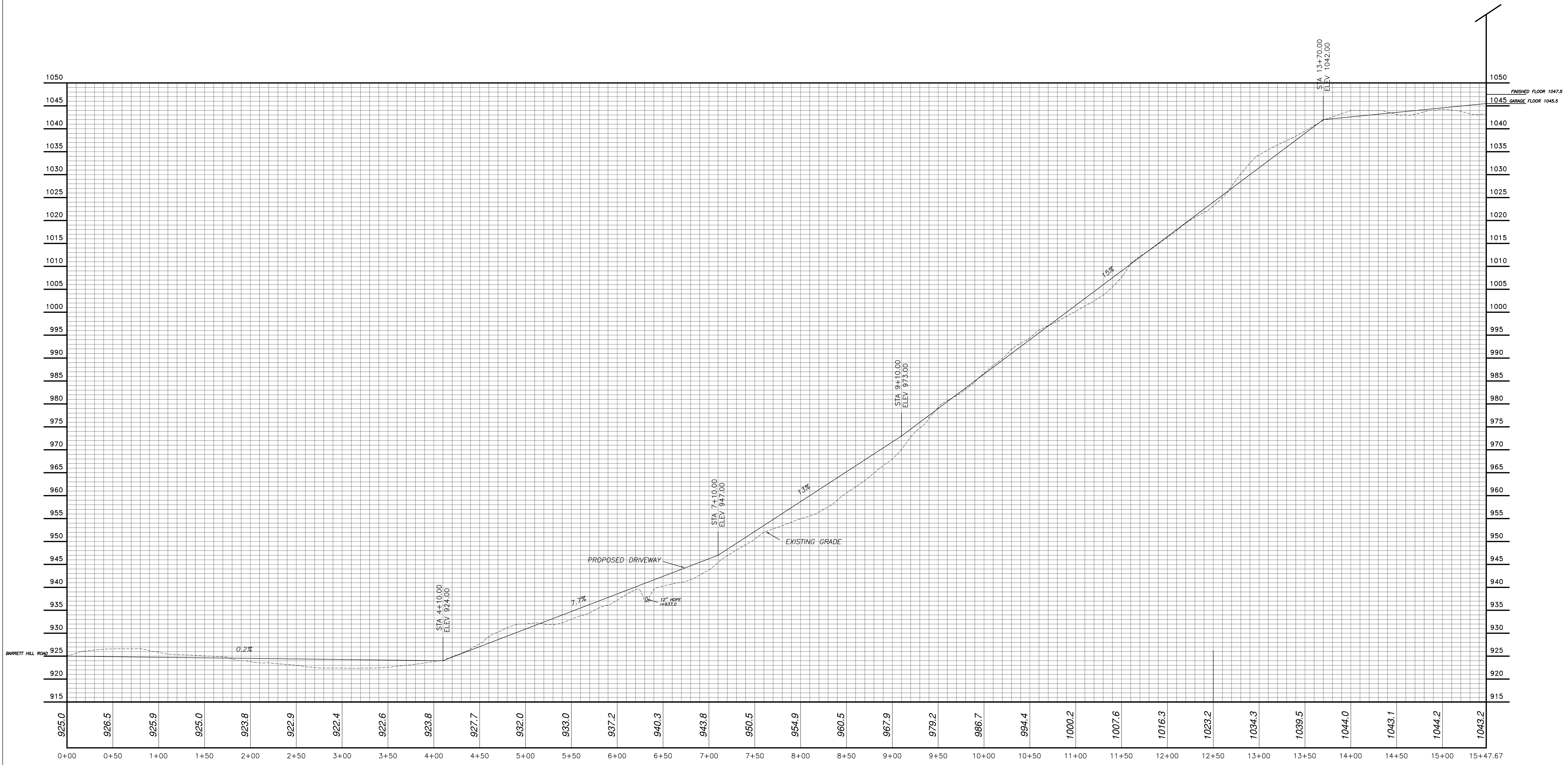
**JOHN KARELL, JR. P.E.**  
121 CUSHMAN ROAD  
PATTERSON, NEW YORK 12563

845-878-7864 phone  
845-878-4939 fax  
jack4911@yanoo.com

OWNER: <b>FATMIR OSMANAJ</b> 441 BARRETT HILL ROAD CARMEL (T)	SCALE: 1" = 20'	LATEST REVISION:
	DATED: April 14, 2020	SHEET No. D-1
DETAILS		Tax Map: 53.-1-63







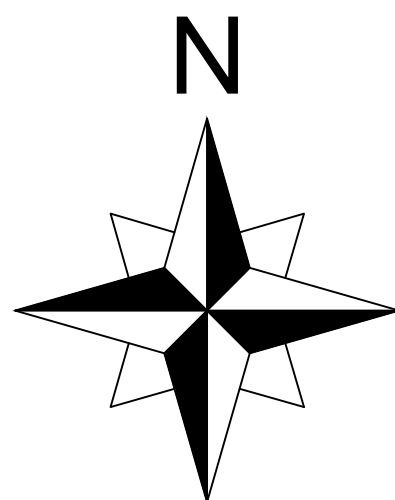
PROFILE SCALE:  
 HORIZ: 1"=50'  
 VERT: 1"=10'

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No.	DATE
<b>JOHN KARELL, JR. P.E.</b>	
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563	
OWNER:	SCALE:
FATMIR OSMANAJ 441 BARRETT HILL ROAD CARMEL (T)	1" = 20'
	LATEST REVISION:
	SHEET No.
DRIVEWAY PROFILE	P-1
	DATED: April 14, 2020
	Tax Map: 53.-1-63



**SURVEY OF PROPERTY  
SITUATE IN THE  
TOWN OF CARMEL  
PUTNAM COUNTY  
NEW YORK**



SCALE : 1" = 120'  
 SURVEYED : NOVEMBER 11, 1999  
 MAP COMPLETED JANUARY 21, 2000  
 SURVEY UPDATED OCTOBER 8, 2018  
 SURVEY UPDATED TO SHOW NEW WETLAND FLAGS: FEBRUARY 25, 2020

**NYSDEC FRESHWATER WETLAND BOUNDARY VALIDATION**  
 The freshwater wetland boundary as represented on these plans accurately depicts the limits of Freshwater Wetlands as delineated by \_\_\_\_\_ on \_\_\_\_\_.

DEC Staff: \_\_\_\_\_ Surveyor / Engineer: \_\_\_\_\_

Date: \_\_\_\_\_ SEAL

Wetland boundary delineations as validated by the New York State Department of Environmental Conservation remain valid for 5 years unless existing exempt activities, area hydrology, or land use practices change (e.g., agricultural to residential). After 5 years the boundary must be revalidated by DEC staff. Revalidation may include a new delineation and survey of the wetland boundary.  
 Any proposed construction, grading, filling, excavating, clearing or other regulated activity in the freshwater wetland or within 100 feet of the wetland boundary as depicted on this plan requires a permit from the NYS Department of Environmental Conservation under Article 24 of the Environmental Conservation Law (Freshwater Wetlands Act) prior to commencement of work.

**SOILS**  
 BASED ON WEB SOIL SURVEY

- Ce Catden muck, 0 to 2 percent slopes
- ChB Charlton fine sandy loam, 3 to 8 percent slopes
- CrC Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky
- CsD Chatfield-Charlton complex, 15 to 35 percent slopes, very rocky
- HrF Hollis-Rock outcrop complex, 35 to 60 percent slopes
- Sh Sun loam 7.1 3.6%
- SuA Sutton loam, 0 to 3 percent slopes
- W Water 1.7

- PREMISES ARE DESIGNATED ON THE TAX MAPS FOR THE TOWN OF CARMEL  
 MAP 53 \* BLOCK 1 \* LOT 63  
 STREET ADDRESS: 441 BARRETT HILL ROAD  
 PROPERTY AREA : 88.3696 ACRES
- THE PREMISES SHOWN HEREON REPRESENT THE PROPERTY AS DESCRIBED IN DEED FILED IN THE PUTNAM COUNTY CLERK'S OFFICE IN LIBER 283 C.P. 28 SURVEY REFERENCE SURVEY PREPARED BY SIDNEY V. GILBERT DATED JAN. 28, 1966
- THIS MAP IS BASED UPON THE INFORMATION SUPPLIED BY THE CLIENT AND/OR HIS REPRESENTATIVE AND SUBJECT TO THE FINDINGS THAT A COMPLETE ABSTRACT OF TITLE MAY UNCOVER
- THE OFFSETS SHOWN HEREON, ARE NOT INTENDED TO ESTABLISH PROPERTY LINES FOR THE ERECTION OF FENCES, STRUCTURES OR ANY OTHER IMPROVEMENTS.
- ENCROACHMENTS BELOW GRADE AND/OR SUBSURFACE FEATURES, IF ANY, NOT LOCATED OR SHOWN HEREON.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAWS.
- THE INFORMATION DEPICTED HEREON IS BASED UPON AN ACTUAL FIELD SURVEY AND IS AN OPINION BASED UPON SAID SURVEY.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE TRUE VALID COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS MAP WAS PREPARED FROM AN ACTUAL FIELD SURVEY CONDUCTED ON THE DATE SHOWN AND THAT SAID SURVEY WAS PERFORMED IN ACCORDANCE WITH THE EXISTING "CODE OF PRACTICE FOR LAND SURVEYS" ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. THIS CERTIFICATION SHALL RUN ONLY TO THE PARTY FOR WHOM THIS SURVEY WAS PREPARED AND ON THEIR BEHALF TO THE TITLE COMPANY AND LENDING INSTITUTION LISTED HEREON. THIS CERTIFICATION SHALL NOT BE TRANSFERABLE.

**CERTIFIED TO:**

1. Fatmir Osmanaj
2. Stewart Title Insurance Company (Title No. 7106538)

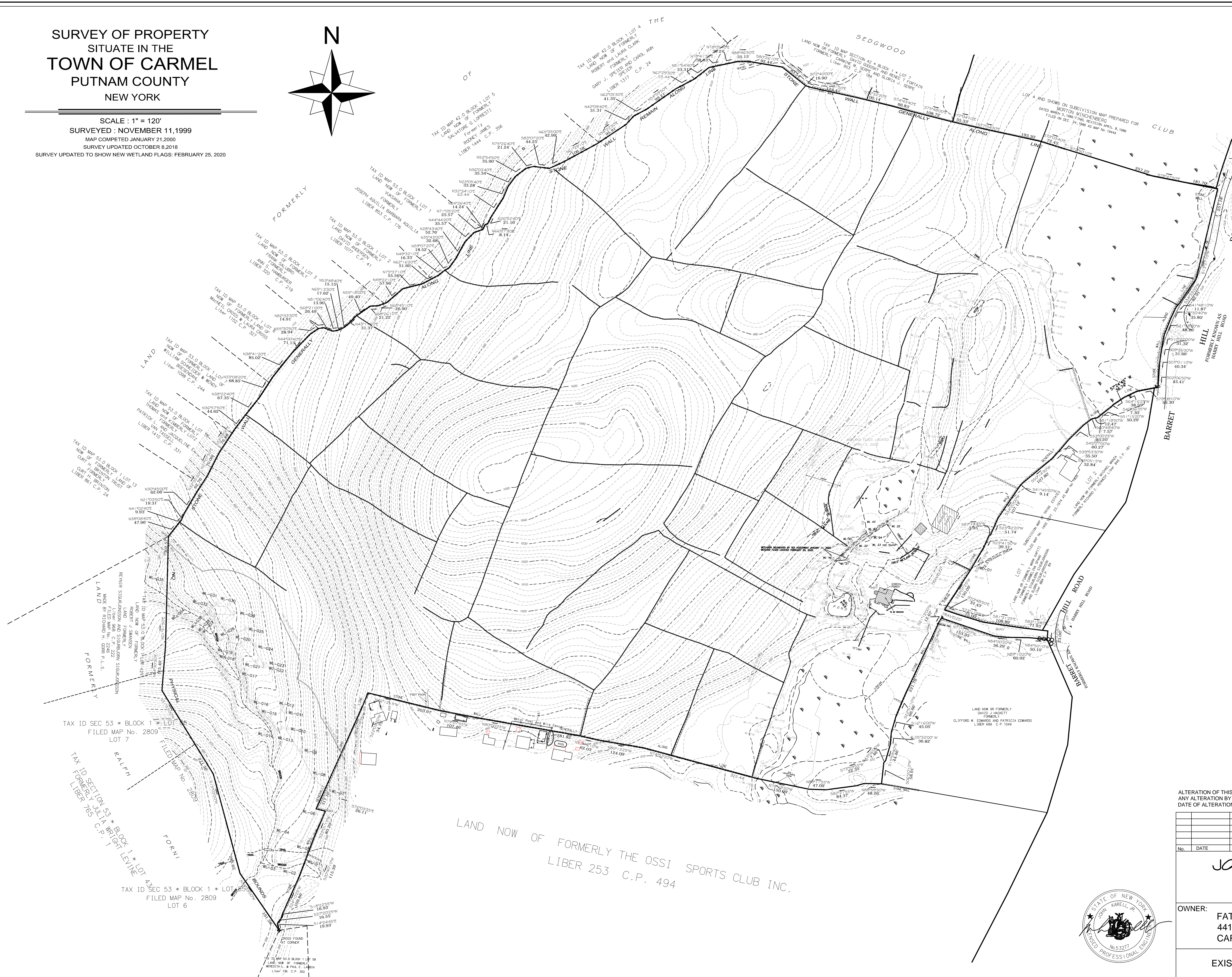
**Link**  
**Land Surveyors**  
 21 Clark Place, Suite 1-8 Phone 845-828-5857  
 Mahopac N.Y. 10541 Fax 845-621-0013

**ERIK J. LINK**  
 NEW YORK STATE LICENSED  
 LAND SURVEYOR NO. 05562

COPYRIGHT 2020  
 LINK LAND SURVEYOR P.C. ALL RIGHTS RESERVED. THE UNAUTHORIZED REPRODUCTION AND/OR DISTRIBUTION OF THIS DOCUMENT IS ILLEGAL AND IS A VIOLATION UNDER UNITED STATES COPYRIGHT LAWS.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No.	DATE		
<b>JOHN KARELL, JR. P.E.</b>			
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563			
OWNER:	FATMIR OSMANAJ 441 BARRETT HILL ROAD CARMEL (T)	SCALE: 1" = 120'	LATEST REVISION:
		DATED: April 14, 2020	SHEET No.
		Tax Map: 53-1-63	EC-1
EXISTING CONDITIONS PLAN			



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  
Vincent Turano  
Anthony Federice

**APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION**

Name of Applicant: Michael Panny, SMP Homes

Address of Applicant: 167 Cherry Hill Rd, Carmel NY 10512 Email: \_\_\_\_\_

Telephone# \_\_\_\_\_ Name and Address of Owner if different from Applicant:  
Same

Property Address: 10 LOWER LAKE ROAD Tax Map # 43.17-1-47

Agency Submitting Application if Applicable: \_\_\_\_\_

Location of Wetland: SE SIDE OF PROPERTY

Size of Work Section & Specific Location: West side of property, 7909 SE of disturbance  
Will Project Utilize State Owned Lands? If Yes, Specify: NO WIN 100FT wetland setback

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).

House and well with driveway within wetland setback. Excavation ± 90 yds for foundation.

Proposed Start Date: FALL 2020 Anticipated Completion Date: WINTER 2021 Fee Paid \$ 1000

**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.

Michael Panny

6/24/2020  
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.

<b>Part 1 – Project and Sponsor Information</b>			
Name of Action or Project: MIKE PANNY HOUSE			
Project Location (describe, and attach a location map): LOWER LAKE ROAD, CARMEL, NY			
Brief Description of Proposed Action: CONSTRUCTION OF A SINGLE FAMILY HOUSE, SEPTIC SYSTEM AND WELL.			
Name of Applicant or Sponsor: SMP HOMES, INC		Telephone:	
		E-Mail:	
Address: 167 CHERRY HILL ROAD			
City/PO: CARMEL		State: NY	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 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: BUILDING DEPARTMENT CARMEL			NO <input type="checkbox"/>
			YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action? _____ 0.65 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? _____ 0.65 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	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"/>	
	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ DRILLED 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: _____ SEPTIC 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"/>	
	<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:  
 Shoreline  Forest  Agricultural/grasslands  Early mid-successional  
 Wetland  Urban  Suburban

15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES
	<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? If Yes, a. Will storm water discharges flow to adjacent properties? b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____ TOWN OF CARMEL	NO	YES
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

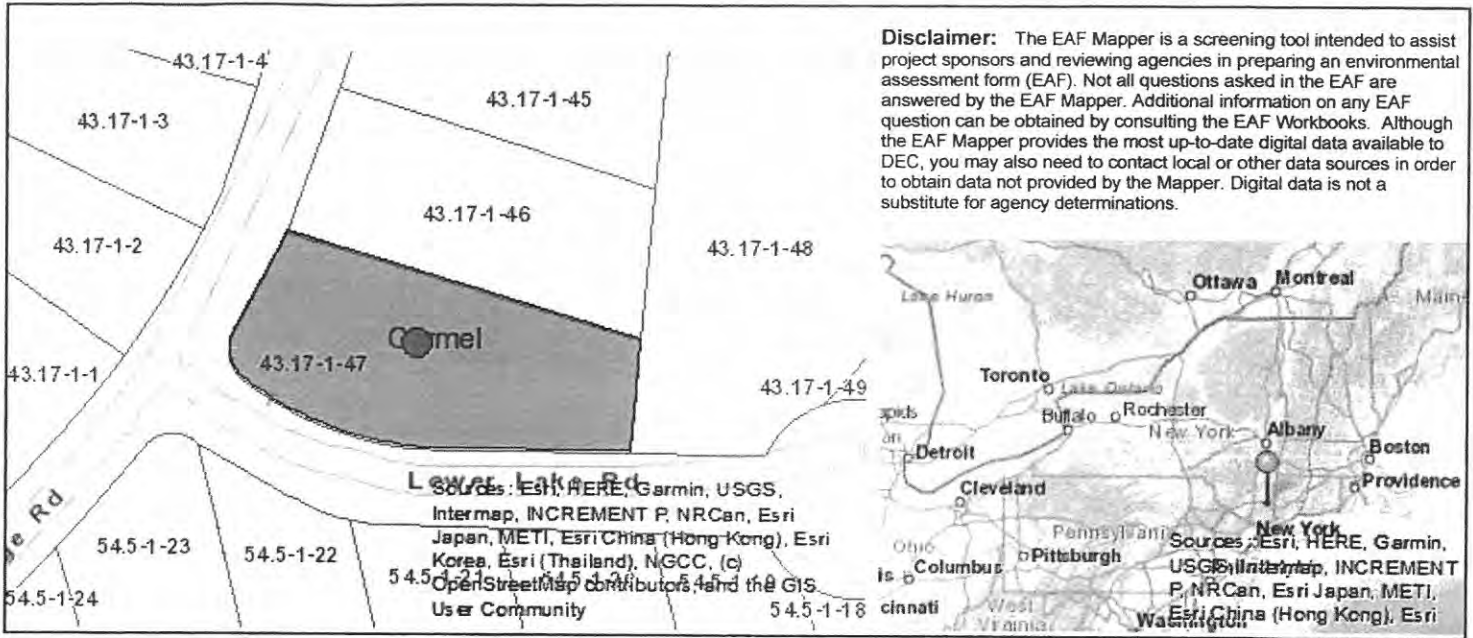
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment: _____	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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: JOHN KARELL, JR., P.E. Date: OCTOBER 3, 2019  
 Signature:  Title: ENGINEER



**Disclaimer:** The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National 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]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

TED KOZLOWSKI  
136 BIG ELM ROAD  
BREWSTER, NY 10509

February 22, 2020

Mr. Jack Karell, Jr.  
121 Cushman Road  
Patterson, NY 12563

RE: Wetland Delineation, SMP Houses  
10 Lower Lake Road, Mahopac, NY

Dear Mr. Karell:

On this date I delineated the wetland on the above site according to Town standards. I placed 17 blue survey flags within the approximate site boundary. This parcel is not part of any NYS Wetland system and it does not contain any rare, endangered or threatened species.

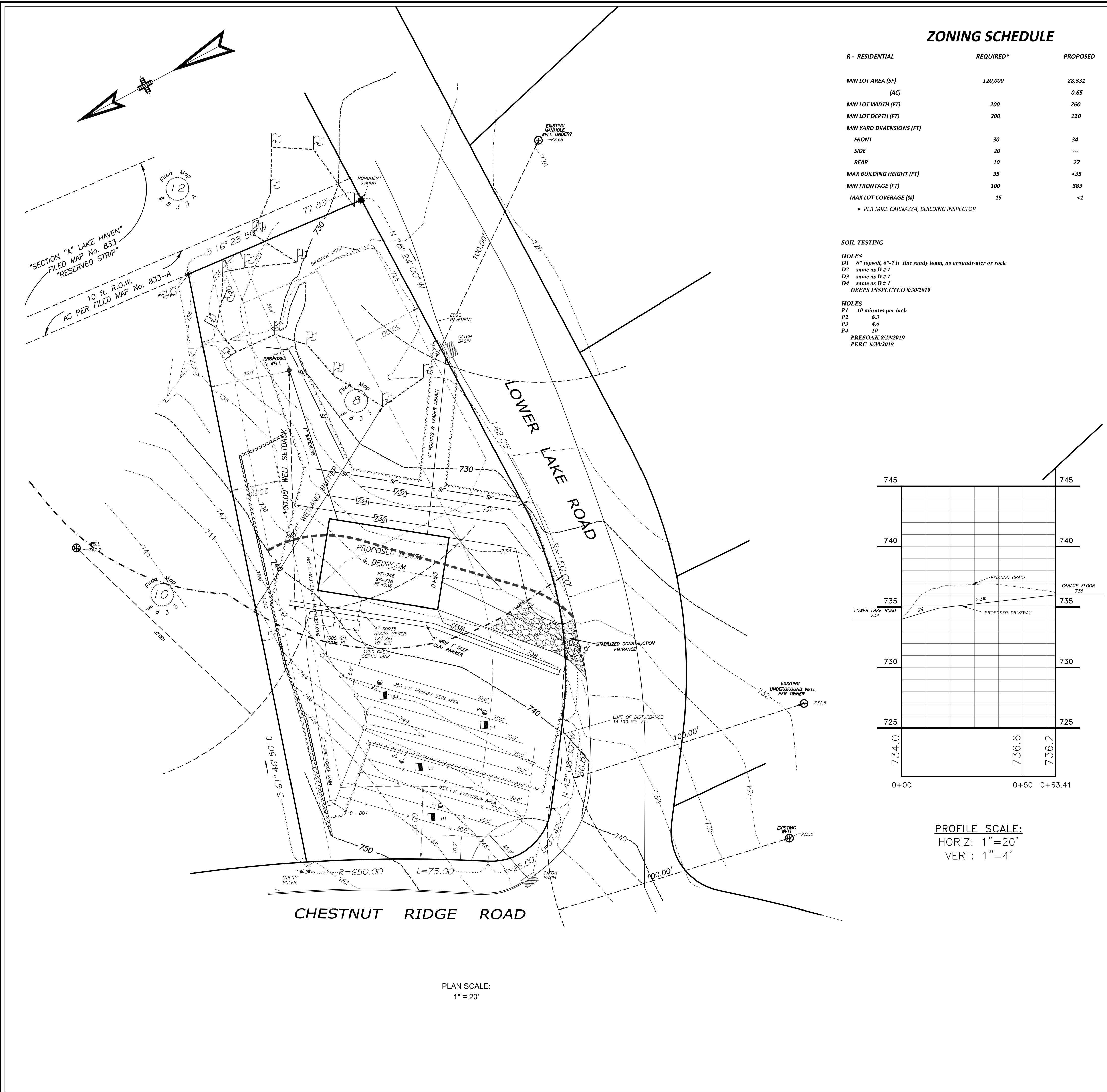
The wetland portion on the subject parcel contains hydric Ridgebury soil and contains wetland plant indicator species such as skunk cabbage, spicebush, willow, ash, elm, red maple and the invasive phragmites. The wetland receives drainage from the slopes to the west, north and east. A seasonal stream flowing from the north enters the subject parcel from the neighbor's property between flags 6 and 7. The wetland extends west onto the adjoining parcel and eventually drains into a Town drainage system close to flag 17 along Lower Lake Road. Drainage has likely been increased into this site due to the developed properties to the north. I have enclosed a map identifying the approximate wetland location for your reference.

Thank you for this opportunity to be of service and please contact me if you have any questions.

Sincerely,

Ted Kozlowski, Certified Wetland Delineator





### ZONING SCHEDULE

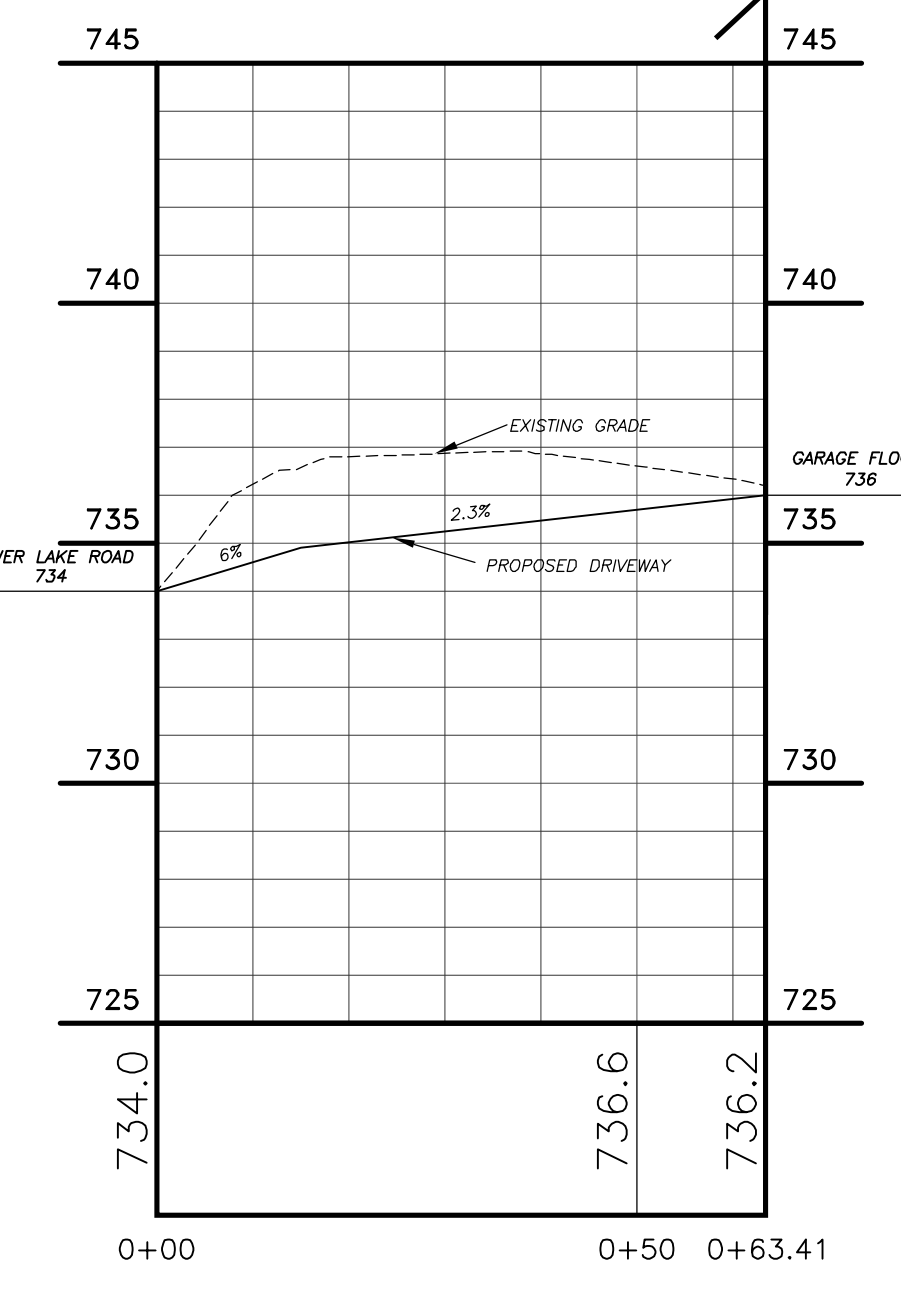
R - RESIDENTIAL	REQUIRED*	PROPOSED
MIN LOT AREA (SF)	120,000	28,331
(AC)		0.65
MIN LOT WIDTH (FT)	200	260
MIN LOT DEPTH (FT)	200	120
MIN YARD DIMENSIONS (FT)		
FRONT	30	34
SIDE	20	---
REAR	10	27
MAX BUILDING HEIGHT (FT)	35	<35
MIN FRONTAGE (FT)	100	383
MAX LOT COVERAGE (%)	15	<1

\* PER MIKE CARNAZZA, BUILDING INSPECTOR

**SOIL TESTING**

**HOLES**  
 D1 6" topsoil, 6"-7" ft. fine sandy loam, no groundwater or rock  
 D2 same as D # 1  
 D3 same as D # 1  
 D4 same as D # 1  
 DEEPS INSPECTED 8/30/2019

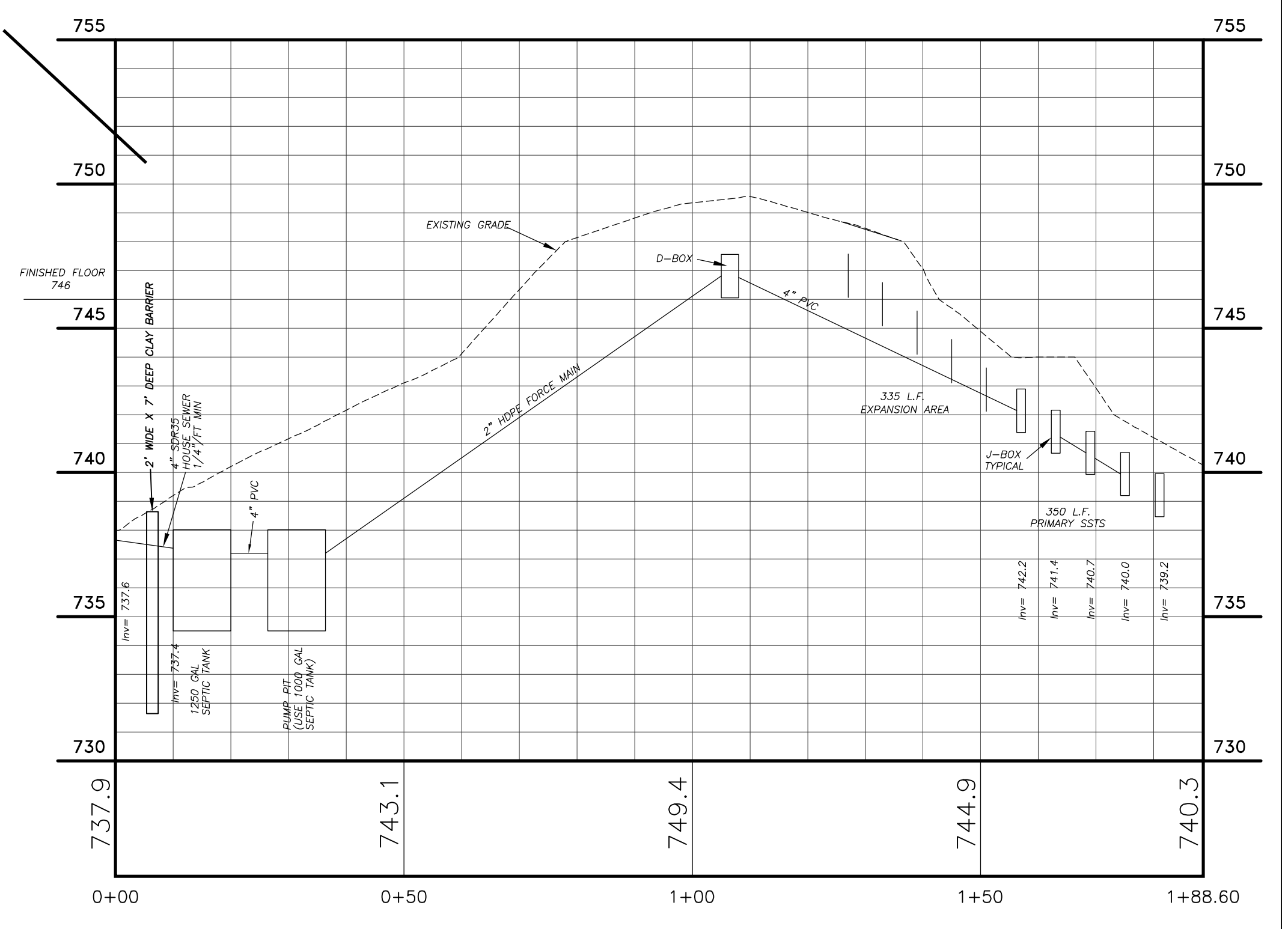
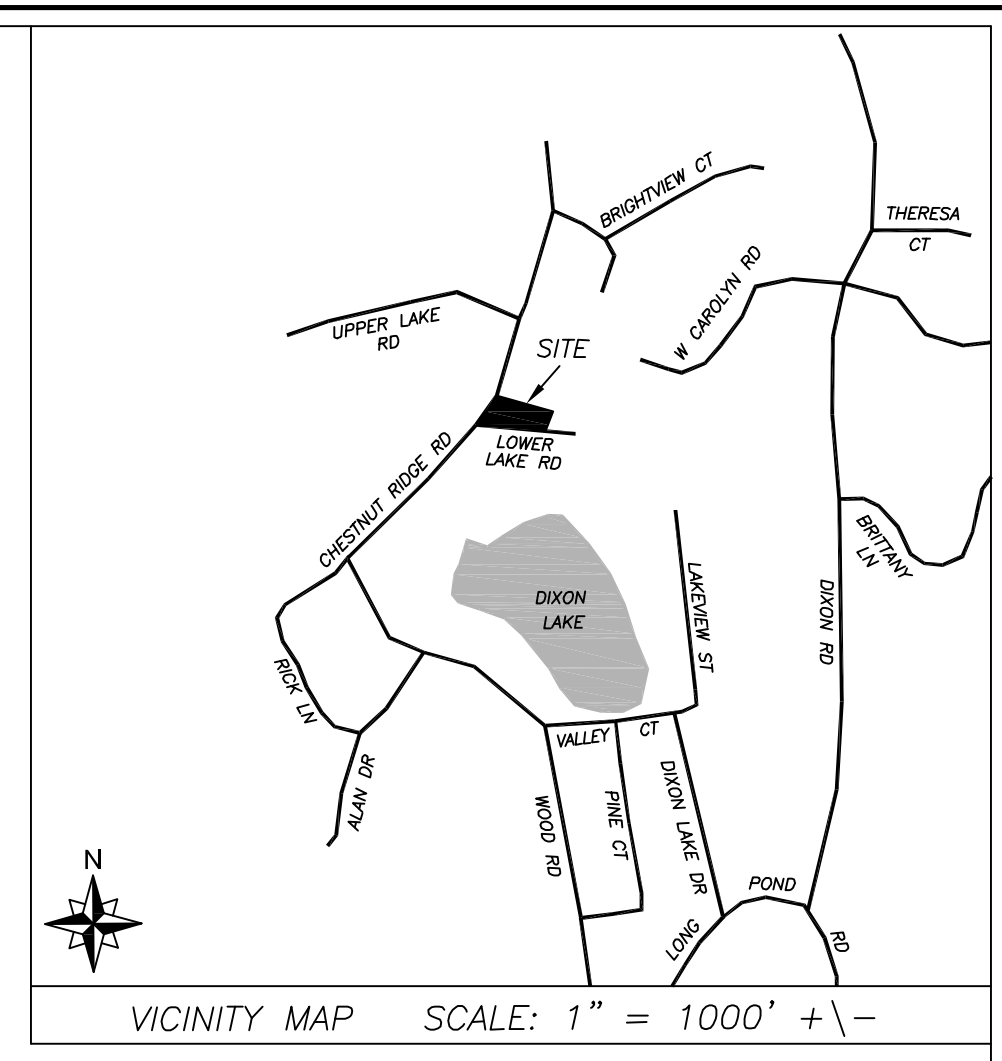
**HOLES**  
 P1 10 minutes per inch  
 P2 6.3  
 P3 4.6  
 P4 10  
 PRESOAK 8/29/2019  
 PERC 8/30/2019



PROFILE SCALE:  
 HORIZ: 1"=20'  
 VERT: 1"=4'

### DESIGN DATA NOTES:

- OWNER: SMP Homes, Inc. 167 Cherry Hill Road, Carmel, NY, 10512
  - SITE ADDRESS: 10 Lower Lake Road, Carmel (T)
  - WATERSHED: West Branch Reservoir, NYCDEP
  - Slope primary = 12%
  - Expansion area = 12%
  - Soil characteristics: 6" topsoil, 6"-7" ft. sandy loam
  - Soil percolation rate: 8-10 minutes per inch, primary and expansion area
  - Design based upon 4 bedrooms, 600 gpd
  - Absorption Area: 350 L.F. trench, primary, 335 L.F. expansion area
  - Septic tank 1250 gallons; Pump pit 1000 gallons
  - Filt. none - Clarin Drain; none
  - Survey by Link, L.S., May 8, 2019
  - Property size: 0.65 ACRES
  - SOILS: Pasture Fine Sandy Loam, 8-15% (PaC) Hydrologic Group C entire lot
  - TM # 43.17-1-47
- PUMP PIT CALCULATIONS**  
 INSIDE WIDTH 4'-0"; LENGTH 8'-0" FT  
 KEGULON 1" x 3/4" C.P.; 3/4" x 1" N. 7'-48" = 259 GAL/FT; 21.59 GAL/IN  
 DEPTH IN VERT IN = 4'-3" 7'4" 11"  
 BOTTOM LEVEL 735'8"  
 PUMP 6" OFF BOTTOM 735'5"  
 PUMP OFF 735'8"  
 PUMP ON 735'4" (8" DOSE) 172 gallons  
 ALARM 736'9"  
 VOLUME ABOVE ALARM 736'2" - 736'5" = 2'8" 289 X 28" = 694 GAL. ABOVE ALARM
- PUMP SIZING - MIKE PANNY, 10 LOWER LAKE ROAD, CARMEL (T)**
- ELEVATION HEAD LOSSES (ft)**  
 GRADE AT PUMP PIT 741 FEET  
 D BOX 749 FEET  
 BOTTOM OF PUMP PIT 734'11" FEET  
 TOTAL HEAD LOSS 14 FEET
- FRICTION LOSSES (ft)**  
 AT 20 GPM 2 INCH PIPE 85  
 LENGTH OF FORCE MAIN 85  
 PUMP PIT PIPING 30  
 FIXTURES IN PIT 135  
 TOTAL 250  
 AT 20 GPM WITH 2 INCH PIPE 1.35 X 0.86 FT/100 FEET = 1.2 USE 2 FEET  
 TOTAL FRICTION LOSS 252 FEET  
 TOTAL HEAD REQUIRED 266 FEET
- USE GOULD PE-41 0.4 HP PUMP RATED AT 29 GPM AT 16 FEET HEAD. EXACT PUMP MODEL BASED UPON ELECTRICAL SERVICE AVAILABLE TO THE PUMP STATION.



PROFILE SCALE:  
 HORIZ: 1"=20'  
 VERT: 1"=4'

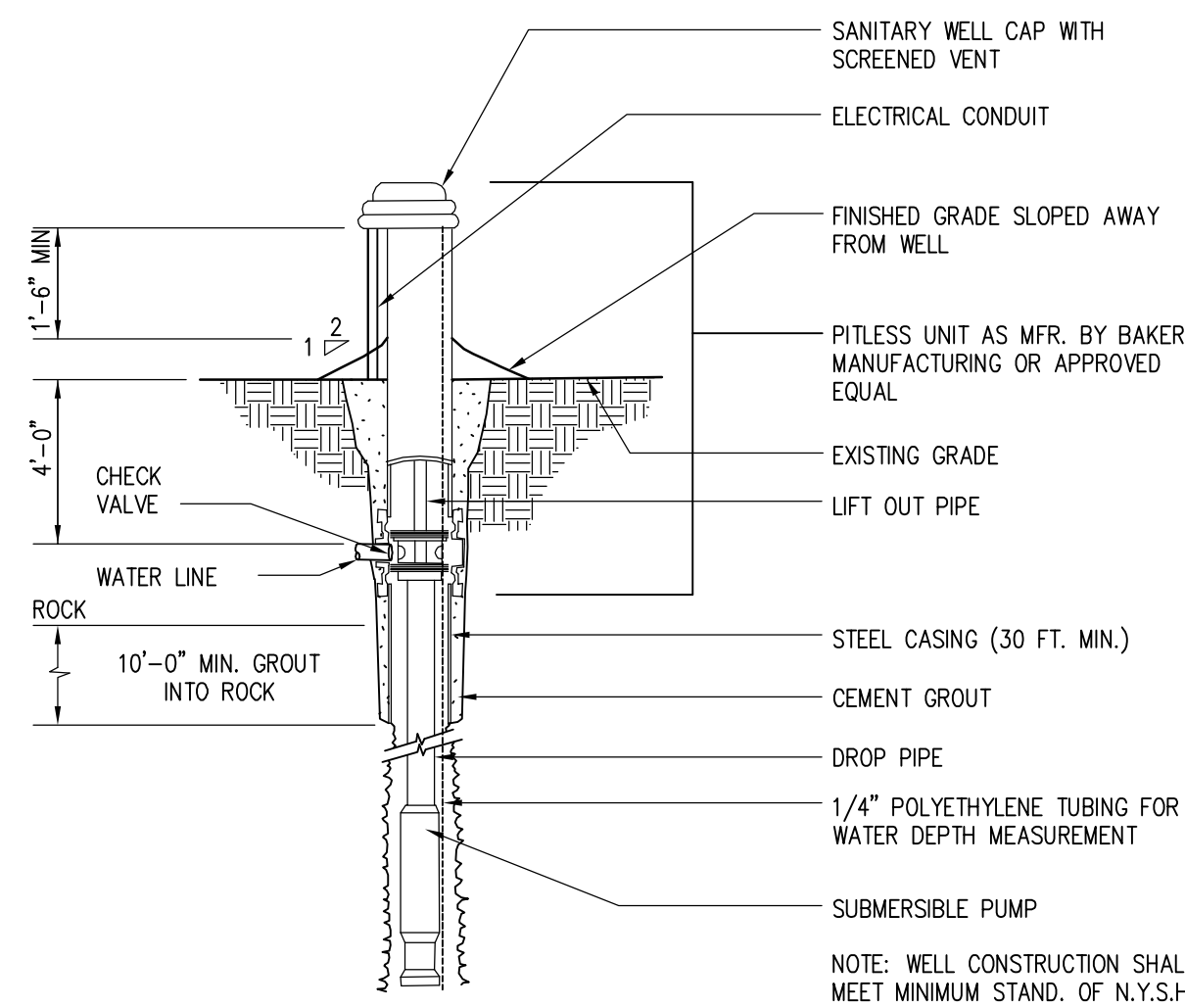
TOPOGRAPHIC SURVEY PREPARED BY LINK LAND SURVEYORS, P.C. DATED MAY 8, 2019, DATUM IS IN NAVD 1988  
 PREMISES BEING LOT 8 ON FILED MAP No. 833, "SECTION A" LAKE HAVEN"

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL  
 ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

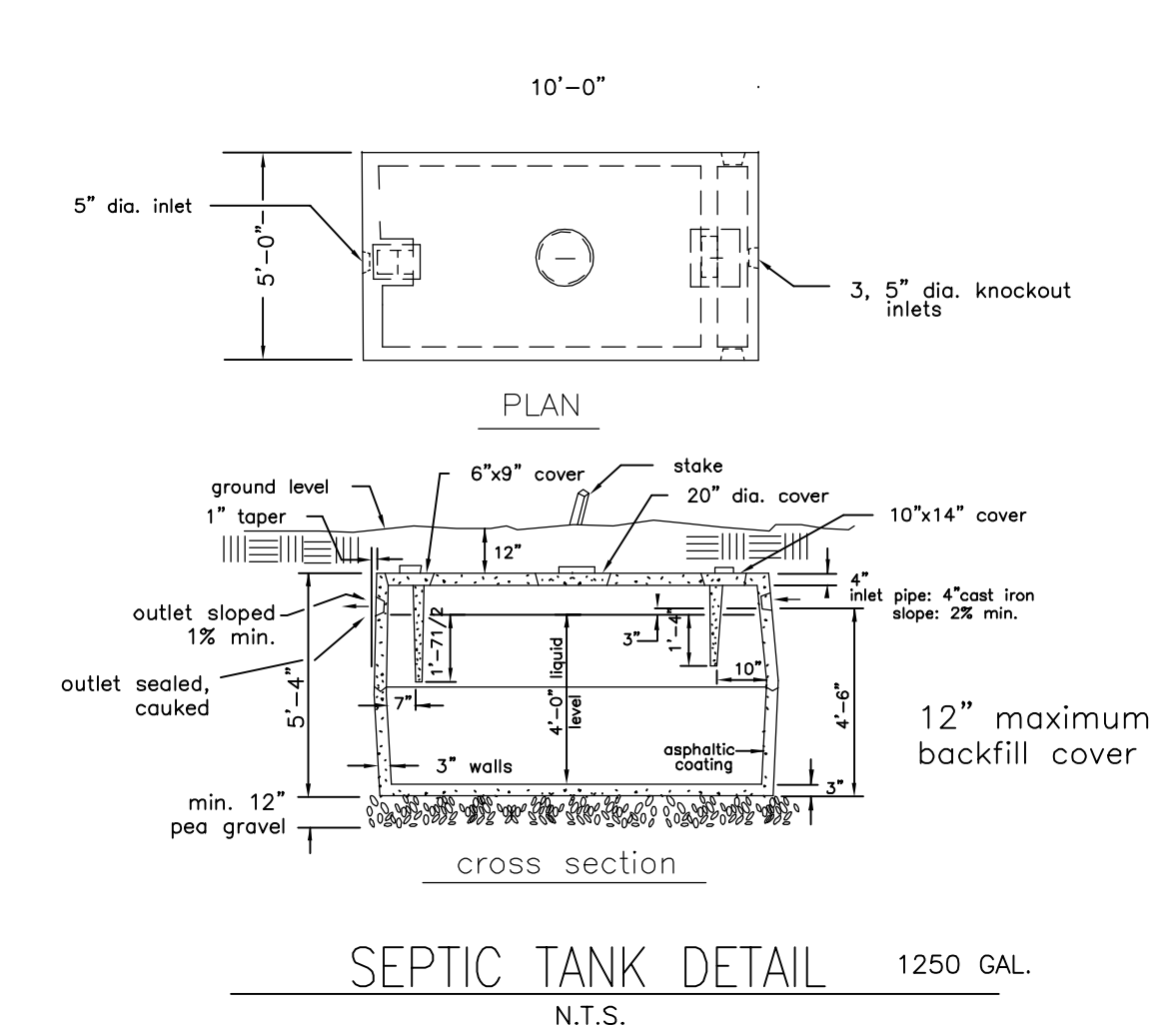


<p><b>JOHN KARELL, JR. P.E.</b>          121 CUSHMAN ROAD          PATTERSON, NEW YORK 12563</p>			
OWNER:	SMP HOMES 10 LOWER LAKE ROAD CARMEL (T)	SCALE: 1" = 20'	LATEST REVISION:
SITE PLAN		DATED: MAY 16, 2019	SHEET No.
		TAX MAP No. 43.17-1-47	S-1

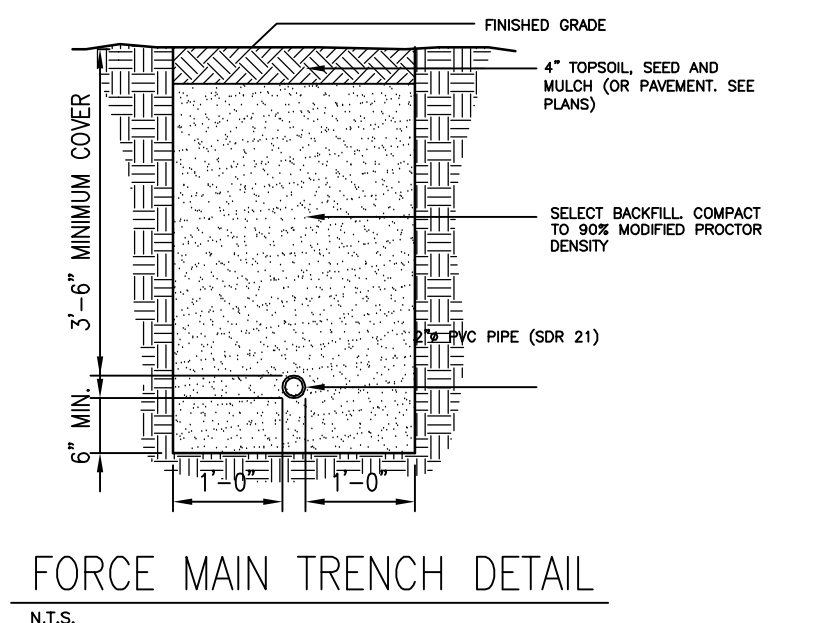
PLAN SCALE:  
 1" = 20'



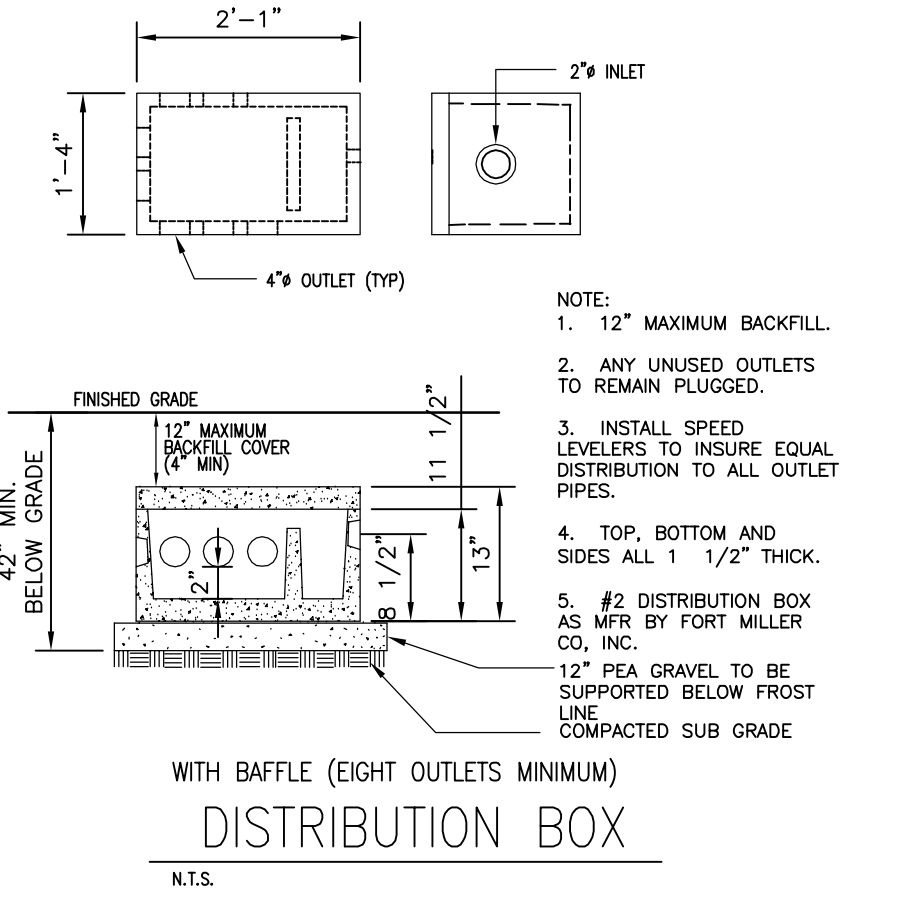
TYPICAL WELL DETAIL  
N.T.S.



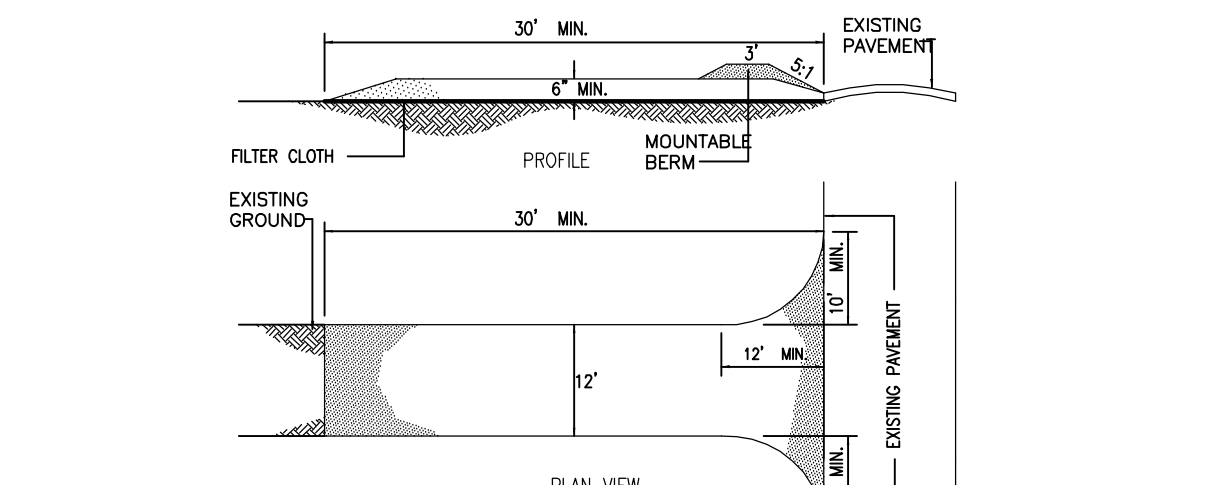
SEPTIC TANK DETAIL 1250 GAL.  
N.T.S.



FORCE MAIN TRENCH DETAIL  
N.T.S.

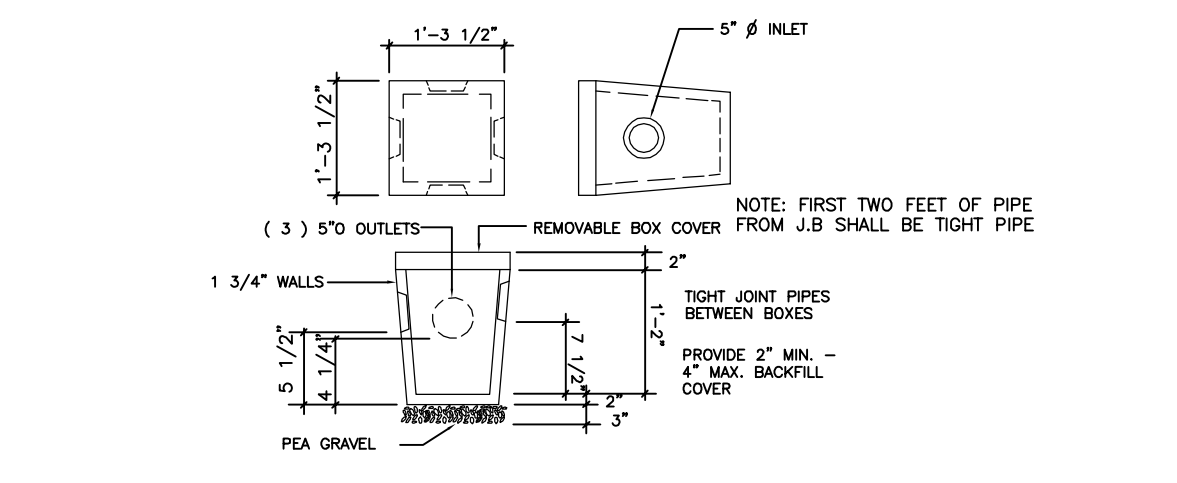


DISTRIBUTION BOX  
N.T.S.

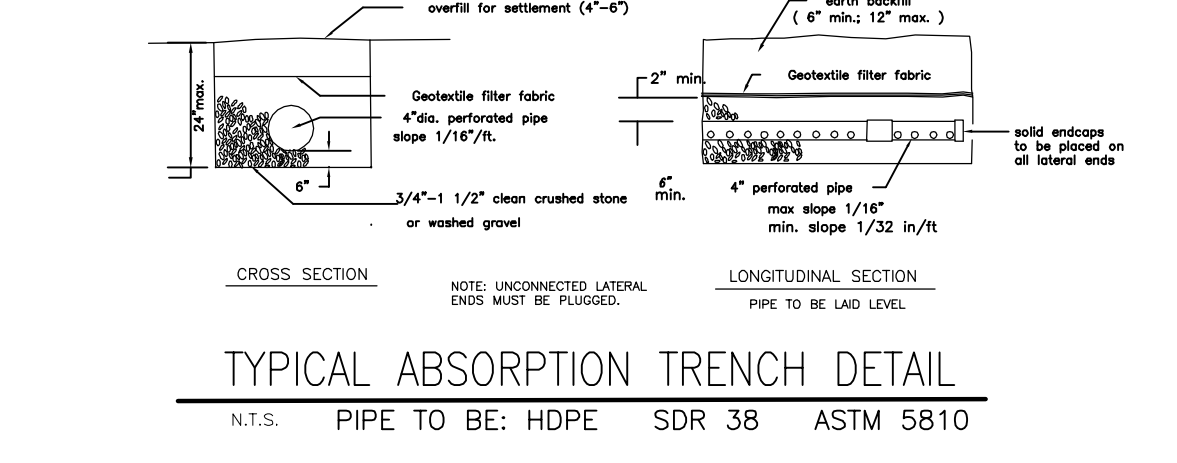
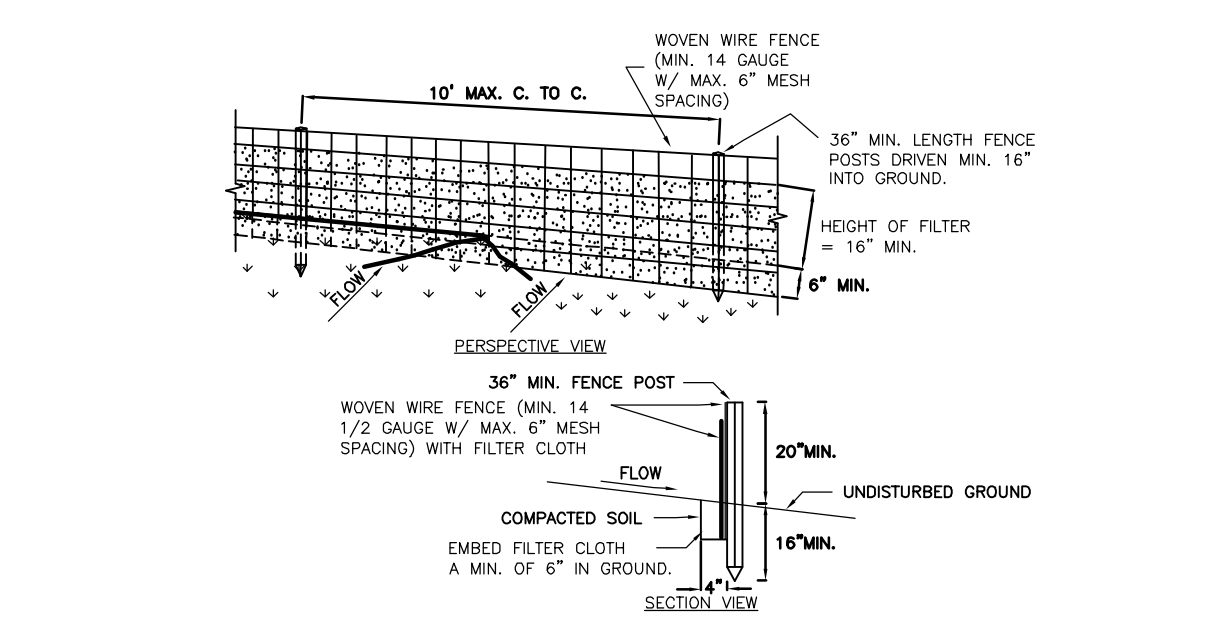


- CONSTRUCTION SPECIFICATIONS:
1. STONE SIZE - USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
  2. LENGTH - NOT LESS THAN 30 FEET.
  3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
  4. WIDTH - TWELVE (12) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
  5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH SLOPES WILL BE PERMITTED.
  7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  8. WASHING - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

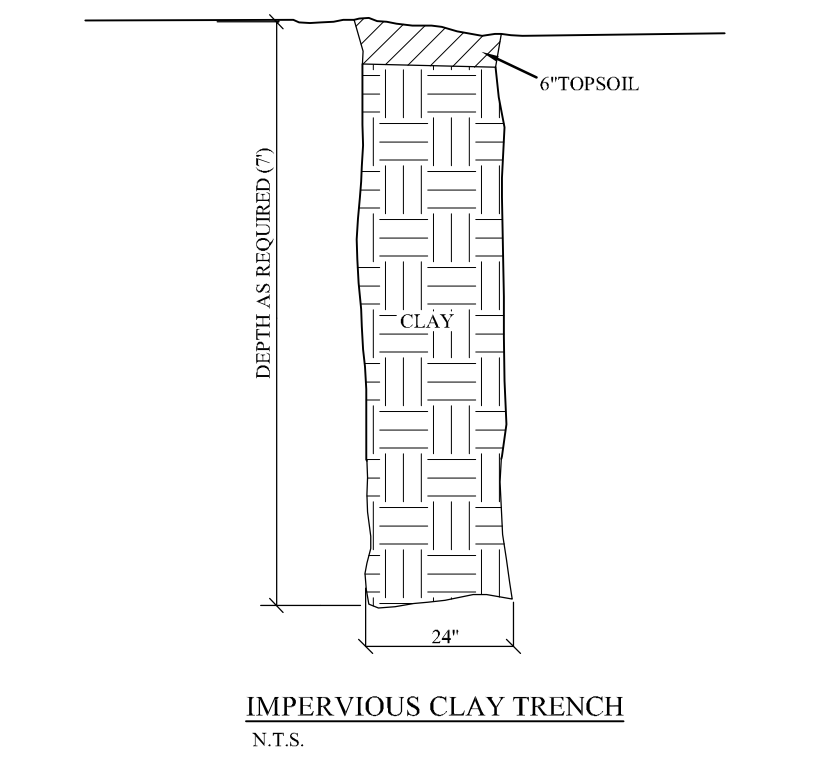
STABILIZED CONSTRUCTION ENTRANCE  
N.T.S.



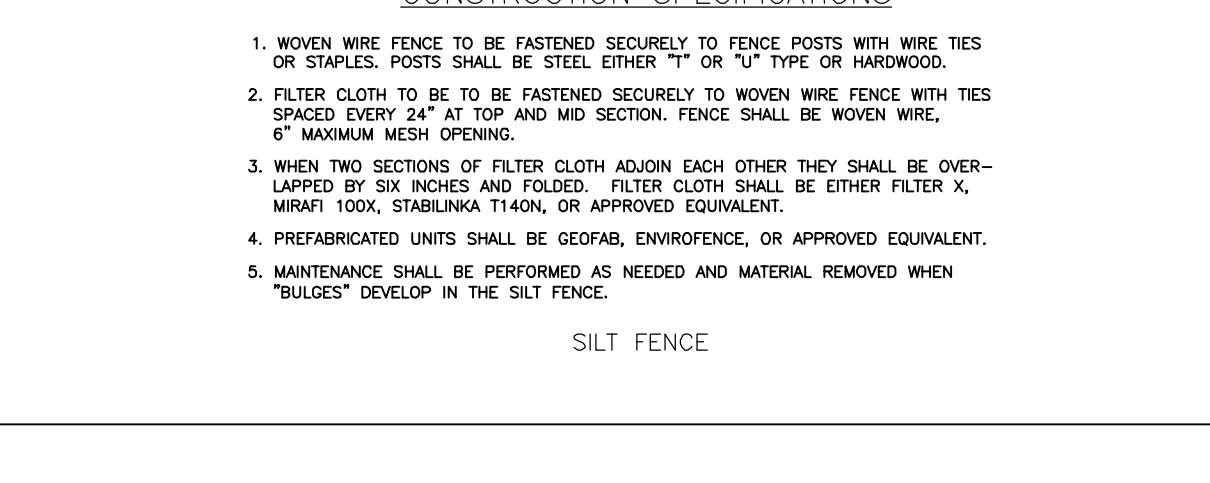
JUNCTION BOX DETAIL  
N.T.S.



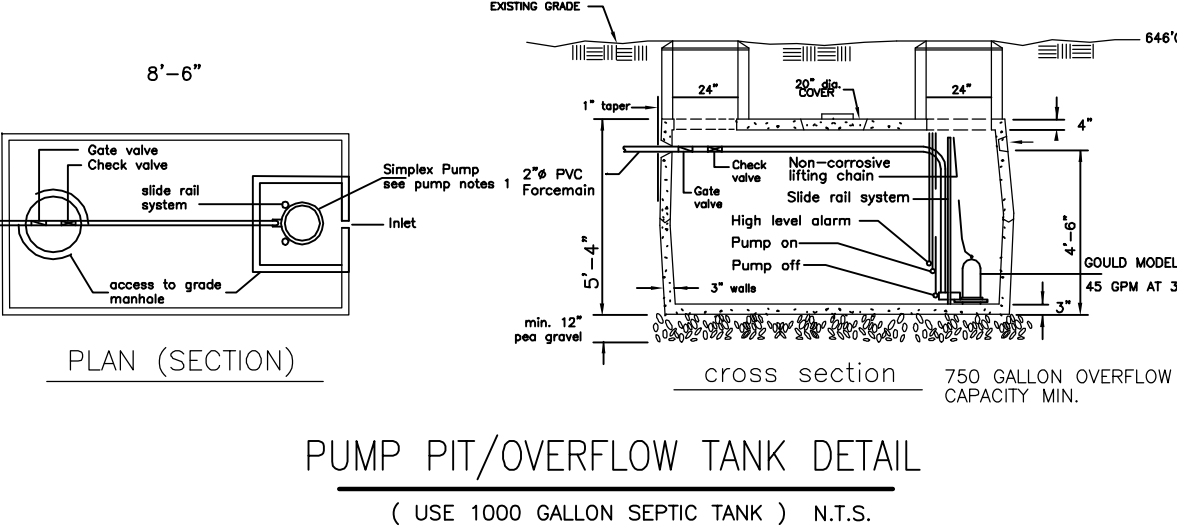
TYPICAL ABSORPTION TRENCH DETAIL  
N.T.S. PIPE TO BE: HDPE SDR 38 ASTM 5810



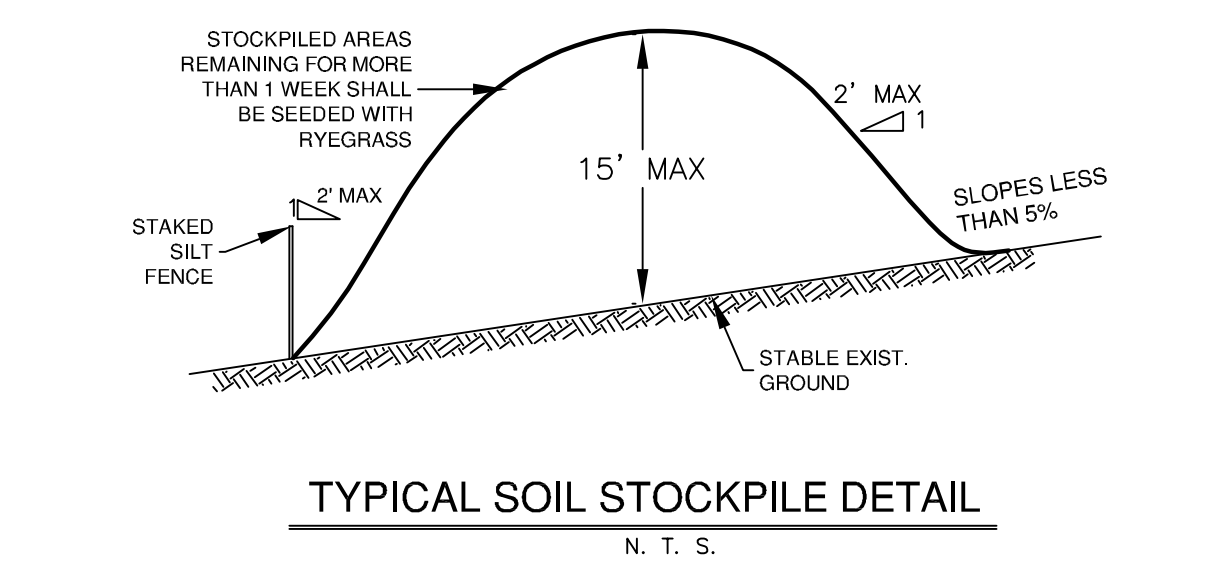
IMPERVIOUS CLAY TRENCH  
N.T.S.



CONSTRUCTION SPECIFICATIONS  
SILT FENCE



PUMP PIT/OVERFLOW TANK DETAIL  
(USE 1000 GALLON SEPTIC TANK) N.T.S.



TYPICAL SOIL STOCKPILE DETAIL  
N. T. S.

- Construction Notes for Subsurface Sewage Treatment Systems & Well Water Supplies Serving Single-Family Residences
- The following notes shall be provided on all plans for individual SSTS and well water supplies.
1. All trees within 10 feet of the proposed subsurface sewage treatment system (SSTS) shall be removed.
  2. SSTS to be inspected by the Licensed Design Professional and the Putnam County Health Department after construction and prior to backfill.
  3. The SSTS area shall be staked and roped off so that no trucks, machinery, building materials, nor excavated earth shall be allowed in the SSTS area.
  4. All erosion control measures shall be installed prior to the start of any construction and must be maintained until construction is complete and stabilization has occurred.
  5. Construction of SSTS to be in accordance with these plans, any revision thereto, and the rules and regulations of the permit issuing governmental agency.
  6. The well is to be a drilled well, constructed in accordance with New York State Health Department 10 NYCRR appendix 5B, standards for water wells, pump tested for a minimum of 6 hours and have a minimum safe yield of 5 gpm. Yields less than 5 gpm will be immediately reported to the Putnam County Department of Health.
  7. The SSTS design shown hereon does not provide for installation of a garbage grinder. Such installation requires additional design and the approval of the Putnam County Department of Health.
  8. Putnam County Health Department approval is based on the location of the SSTS, well, building, setbacks, and driveways as shown on the approved drawing. Modifications are to have prior Putnam County Health Department approval. Unauthorized modifications made to this drawing after the date of Putnam County Health Department approval voids said approval.
  9. All stone walls in and within 10 feet of the SSTS area shall be removed to their entire depth and the resulting void replaced with similar on site soil.
  10. Cut or fill is not permitted in the SSTS area, except if so specified on this plan.
  11. After backfilling the system, the SSTS area shall be covered with a minimum of 6 inches of top soil, seeded and mulched.
  12. Occupancy of this structure will not be permitted until the Construction Compliance Application is received and approved by the Putnam County Health Department and forwarded to the Building Inspector of the respective municipality as part of the Certificate of Occupancy application.
  13. This plan is approved for sewage treatment and/or water supply only, and all other required permits and/or approvals are the responsibility of the permittee.
  14. The Putnam County Health Department approval expires two (2) years from the date on the approval stamp and is required to be renewed on or before the expiration date. The approval is revocable for cause or may be amended or modified when considered necessary by the Department.
  15. A copy of the house plans submitted to the building inspector of the local municipality, when filing for a building permit, must be submitted to the Putnam County Health Department to verify bedroom count.
  16. The house, well and SSTS shall be survey located and staked by a NYS Licensed Land Surveyor prior to construction.
  17. For all SSTS's which are subject to Joint Review and approval with NYDEP the Design Professional is to notify PCHD and NYDEP at least 24 hours prior to the commencement of the SSTS construction.
  18. Datum based on NAVD 88.
  19. Property outside FEMA 100 year wetland.

- WCDH/NYC WATERSHED NOTES:
1. THERE ARE NO RESERVOIRS, RESERVOIR STEMS OR CONTROLLED LAKES WITHIN 500 FEET OF THE PROPOSED OWTs UNLESS OTHERWISE SHOWN ON PLAN.
  2. THERE ARE NO NYSDCC WETLANDS OR WATERCOURSES WITHIN 200 FEET OF THE PROPOSED OWTs UNLESS OTHERWISE SHOWN ON PLAN.
  3. NYDEP MUST BE CONTACTED AT LEAST TWO DAYS PRIOR TO START OF CONSTRUCTION OF THE OWTs SO THAT THE NYDEP MAY INSPECT AND MONITOR THE INSTALLATION.

- SOIL EROSION AND SEDIMENT CONTROL NOTES
1. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE STALLED IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR EROSION AND SEDIMENT CONTROL (EOSC), AS PUBLISHED BY THE NEW YORK STATE SOIL AND WATER CONSERVATION SOCIETY AND RECOMMENDED BY THE U.S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE. (REFERRED TO IN REMAINING TEXT AS "THE NEW YORK GUIDELINES".
  2. ANY DISTURBED AREA THAT WILL BE LEFT UNDISTURBED FOR MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL BE SEED AND MULCHED WITHIN 14 DAYS OF THE LAST DISTURBANCE WITH TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. THE SEEDING SHALL BE DONE IN ACCORDANCE WITH THE NEW YORK GUIDELINES, AS FOLLOWS:
    - A) SEED: ANNUAL RYE GRASS APPLIED AT A RATE OF 30 LBS/ACRE OTHER SELECT MIXTURE AS DESCRIBED IN THE NEW YORK GUIDELINES.
    - IF: SPRING, SUMMER OR EARLY FALL SEED WITH RYE GRASS (ANNUAL OR PERENNIAL) AT 30 LBS PER ACRE
    - IF: LATE FALL OR EARLY WINTER SEED WITH CERTIFIED "ARUOSTOOK" WINTER RYE, AT 100 LBS (CEREAL RYE) PER ACRE
    - B) MULCH: OLD HAY OR SMALL GRAIN STRAW APPLIED AT A RATE OF NINETY (90) POUNDS PER ONE THOUSAND SQUARE FT. OR TWO TONS PER ACRE. TO BE APPLIED AND ANCHORED ACCORDING TO THE NEW YORK GUIDELINES. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL (NYON WEB OR MESH) MAY BE USED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
    - C) IN AREAS OF SLOPES STEEPER THAN ONE ON TWO, JUTE MATTING SHALL BE USED TO STABILIZED SEEDED AND / OR PLANTED AREAS. JUTE MATTING SHALL BE INSTALLED AND ANCHORED IN ACCORDANCE WITH THE NEW YORK GUIDELINES.
  3. ANY GRADED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC SHALL, WITHIN FIVE (5) DAYS AFTER FINAL GRADING, RECEIVE PERMANENT VEGETATIVE COVER IN COMBINATION WITH A SUITABLE MULCH AS FOLLOWS:
    - A) STEEP SLOPES OR EROSION SLOPES GREATER THAN 2:1 (H:V) REFER TO PERMANENT CRITICAL AREA PLANTING NOTES.
    - B) RECREATIONAL AREAS AND LAWN REFER TO RECREATIONAL AREA IMPROVEMENT NOTES.
  4. SLOPES STEEPER THAN ONE ON THREE SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
  5. PAVED ROADWAYS SHALL BE KEPT CLEAR AT ALL TIMES.
  6. THE SITE SHALL AT ALL TIMES BE GRADE AND MAINTAIN SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. EXCEPT FOR MINOR PERIMETER EMBANKMENT AREAS, ALL GRADE AREAS SHALL BE DIRECTED THROUGH ONE OF THE SEDIMENT BARRIERS. DIVERSION SWALES MAY BE USED TO DIRECT DRAINAGE RUNOFF UNTIL PERMANENT STORM DRAINAGE SYSTEM IS IN PLACE.
  7. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS.
  8. STOCKPILES SHALL NOT BE LOCATED WITHIN FIFTY FEET (50') OF ROAD WAYS OR DRAINAGE FACILITIES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A SILT FENCE, HAY BALES BARRIERS OR A COMBINATION OF BOTH.
  9. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR ON A DAILY BASIS TO ENSURE THAT TEMPORARY AND PERMANENT DITCHES, PIPES AND STRUCTURES ARE CLEAR OF DEBRIS, THAT EMBANKMENTS AND BARRIERS ARE NOT BREACHED, AND THAT ALL BARRIERS ARE INTACT.
  10. MANDATORY STORMWATER INSPECTIONS SHALL BE PERFORMED WEEKLY AND WITHIN 24 HOURS OF ANY PRECIPITATION EVENT PRODUCING MORE THAN 1/2" OF PRECIPITATION OVER AND 24 HOUR PERIOD. INSPECTIONS ARE PERFORMED BY A LICENSED CERTIFIED PROFESSIONAL.
  11. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON CERTIFICATION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OR PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
  12. ALL DRAINAGE OUTLETS AND INLETS SHALL BE LINED WITH RIP-RAP AS SPECIFIED ON THE PLANS AND/OR PER ENGINEER.
  13. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR IMPLEMENTATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. OR ARCHITECT OR LICENSED LAND SURVEYOR IS ILLEGAL. ANY ALTERATION BY A P.E. OR ARCHITECT OR SURVEYOR MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

No. DATE		
<b>JOHN KARELL, JR. P.E.</b>		
121 CUSHMAN ROAD PATTERSON, NEW YORK 12563		
OWNER:	SCALE:	LATEST REVISION:
SMP HOMES 10 LOWER LAKE ROAD CARMEL (T)	1" = 20'	
DETAILS	DATED: MAY 16, 2019	SHEET No. D-1
	TAX MAP No. 43.17-1-47	



845-876-7884 phone  
845-876-4899 fax  
jka4811@nyhvac.com