



**TOWN OF NEWBURGH  
PLANNING BOARD  
TECHNICAL REVIEW COMMENTS**

**PROJECT NAME:** ANCHORAGE-ON-THE-HUDSON LOT #2  
**PROJECT NO.:** 25-2  
**PROJECT LOCATION:** SECTION 121, BLOCK 1, LOT 2  
**REVIEW DATE:** 29 JANUARY 2025  
**MEETING DATE:** 6 FEBRUARY 2025  
**PROJECT REPRESENTATIVE:** DAY STOKOSA ENGINEERING P.C., BRIAN STOKOSA, P.E.

1. The applicant proposes to relocate the driveway from the approved subdivision location from Mariners Court to River Road. The Planning Board previously reviewed several other lots which requested a revised access. During the original subdivision process driveways were restricted from River Road. The project is an amended subdivision requiring a Public Hearing.
2. The project requires approval from the Orange County Health Department due to proposed modifications to the subsurface sanitary sewer disposal system, which previously received Health Department approval.
3. Highway Superintendents comments on the driveway location should be received.
4. Limits of disturbance for the revised grading plan should be identified to determine if an SWPPP is required.
5. Bulk table should be updated to identify the proposed setbacks rather than utilizing greater than less than signs.

Respectfully submitted,

**MHE Engineering, D.P.C.**

A handwritten signature in blue ink that reads 'Patrick J. Hines'.

Patrick J. Hines  
Principal  
PJH/kmm

A handwritten signature in blue ink that reads 'Michael W. Weeks'.

Michael W. Weeks, P.E.  
Principal

**NEW YORK OFFICE**

33 Airport Center Drive, Suite 202, New Windsor, NY 12553  
845-567-3100 | F: 845-567-3232 | mheny@mhepc.com

**PENNSYLVANIA OFFICE**

111 Wheatfield Drive, Suite 1, Milford, PA 18337  
570-296-2765 | F: 570-296-2767 | mhepa@mhepc.com

**TOWN OF NEWBURGH PLANNING BOARD**

**PROJECT NAME:** Anchorage-on-Hudson Lot #2

**CHECKLIST FOR MAJOR/MINOR SUBDIVISION AND/OR SITE PLAN**

**I. The following items shall be submitted with a COMPLETED Planning Board Application Form.**

1.  Environmental Assessment Form As Required
2.  Proxy Statement
3.  Application Fees
4.  Completed Checklist (Automatic rejection of application without checklist)

**II. The following checklist items shall be incorporated on the Subdivision Plat or Site Plan prior to consideration of being placed on the Planning Board Agenda. Non-submittal of the checklist will result in rejection of the application.**

1.  Name and address of applicant
2.  Name and address of owner (if different from applicant)
3.  Subdivision or Site Plan and Location
4.  Tax Map Data (Section-Block-Lot)
5.  Location map at a scale of 1" = 2,000 ft. or less on a tax map or USCGS map base only with property outlined
6.  Zoning table showing what is required in the particular zone and what applicant is proposing. A table is to be provided for each proposed lot
7.  N/A Show zoning boundary if any portion of proposed site is within or adjacent to a different zone
8.  Date of plan preparation and/or plan revisions
9.  Scale the plan is drawn to (Max 1" = 100')
10.  North Arrow pointing generally up

11. N/A Surveyor's Certification
12. N/A Surveyor's seal and signature
13. X Name of adjoining owners
14. N/A Wetlands and buffer zones with an appropriate note regarding D.E.C. or A.C.O.E. requirements
15. N/A Flood plain boundaries
16. X Certified sewerage system design and placement by a Licensed Professional Engineer must be shown on plans in accordance with Local Law #1 1989
17. X Metes and bounds of all lots
18. X Name and width of adjacent streets; the road boundary is to be a minimum of 25 ft. from the physical center line of the street
19. N/A Show existing or proposed easements (note restrictions)
20. X Right-of-way width and Rights of Access and Utility Placement
21. N/A Road profile and typical section (minimum traveled surface, excluding shoulders, is to be 18 ft. wide)
22. X Lot area (in sq. ft. for each lot less than 2 acres)
23. X Number of lots including residual lot
24. N/A Show any existing waterways
25. N/A A note stating a road maintenance agreement is to be filed in the County Clerk's Office where applicable
26. X Applicable note pertaining to owners review and concurrence with plat together with owner's signature
27. X Show any improvements, i.e. drainage systems, water lines, sewer lines, etc.
28. N/A Show all existing houses, accessory structures, wells and septic systems on and within 200 ft. of the parcel to be subdivided
29. X Show topographical data with 2 ft. contours on initial submission

- 30. X **Compliance with the Tree Preservation Ordinance Code Section**
- 31. X **Indicate any reference to a previous subdivision, i.e. filed map number, date and previous lot number**
- 32. N/A **If a private road, Town Board approval of name is required, and notes on the plan that no town services will be provided and a street sign (per town specs) is to be furnished and installed**
- 33. X **Number of acres to be cleared or timber harvested**
- 34. N/A **Estimated or known cubic yards of material to be excavated and removed from the site**
- 35. N/A **Estimated or known cubic yards of fill required**
- 36. X **The amount of grading expected or known to be required to bring the site to readiness**
- 37. N/A **Type and amount of site preparation which falls within the buffer strip of wetlands or within the Critical Environmental Area. Please explain in sq. ft. or cubic yards.**  


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- 38. N/A **Any amount of site preparation within a 100 year floodplain or any water course on the site. Please explain in sq. ft. or cubic yards.**  


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- 39.      **List of property owners within 500 feet of all parcels to be developed (see attached statement).**

**The plan for the proposed subdivision or site has been prepared in accordance with this checklist.**

**By:** \_\_\_\_\_  
**Licensed Professional -Signature**

**Print Name:** Brian J. Stokosa, P.E.

**Date:** 1-14-2025

**This list is designed to be a guide ONLY. The Town of Newburgh Planning Board may require additional notes or revisions prior to granting approval.**

**Date Prepared:** 1-14-2025

**TOWN OF NEWBURGH  
APPLICATION FOR  
SUBDIVISION/SITE PLAN REVIEW**

**RETURN TO: Town of Newburgh Planning Board  
21 Hudson Valley Professional Plaza  
Newburgh, New York 12550**

**DATE RECEIVED:** \_\_\_\_\_ **TOWN FILE NO:** PB # 2025-02  
(Application fee returnable with this application)

**1. Title of Subdivision/Site Plan (Project name):**

Anchorage-on-Hudson Lot #2

**2. Owner of Lands to be reviewed:**

**Name** Jesse Malik

**Address** 56 CRONOMER HEIGHTS DRIVE, NEWBURGH, NY 12550

**Phone** 201-873-1124

**Email** jessemalik@gmail.com

**3. Applicant Information (If different than owner):**

**Name** Same

**Address** \_\_\_\_\_

**Representative** Day and Stokosa Engineering - Brian Stokosa

**Phone** 845-223-3202

**Email** bstokosa@daystokosaeng.com

**4. Subdivision/Site Plan prepared by:**

**Name** Day and Stokosa Engineering

**Address** 3 Van Wyck Lane, Wappingers Falls, NY 12590

**Phone** 845-223-3202

**Email** bstokosa@daystokosaeng.com

**5. Location of lands to be reviewed:**

Mariners Court, Town of Newburgh

**6. Zone** R-1

**Acreage** 1.10

**Fire District** FD025-Middle Hope

**School District** Marlboro

**7. Tax Map: Section** 121

**Block** 1

**Lot** 2

**8. Project Description and Purpose of Review:**

Number of existing lots <sup>1</sup> \_\_\_\_\_ Number of proposed lots \_\_\_\_\_  
Lot line change \_\_\_\_\_  
Site plan review \_\_\_\_\_  
Clearing and grading \_\_\_\_\_  
Other Amended Subdivision for Driveway Relocation

**PROVIDE A WRITTEN SINGLE PAGE DESCRIPTION OR NARRATIVE OF THE PROJECT**

**9. Easements or other restrictions on property:**

(Describe generally) N/A

**10. The undersigned hereby requests approval by the Planning Board of the above identified application and scheduling for an appearance on an agenda:**

Signature: Jesse S Malik Title Owner

Print Name: Jesse Malik

Date: 11/21/24

**NOTE:** If property abuts and has its access to a County or State Highway or road, the following information must be placed on the subdivision map or site plan: entrance location, entrance profile, sizing of pipe (minimum length of pipe to be 24 feet).

The applicant will also be required to submit an additional set of plans, narrative letter and EAF if referral to the Orange County Planning Department is required under General Municipal Law Section 239.

## **FEE LAW SUMMARY**

### **PENDING APPLICATIONS**

All applicants with matters pending before the Planning Board as of the effective date of this local law shall be required to post as escrow in the manner and upon the terms and conditions set forth below:

- (a) The Planning Board, in consultation with the applicant, shall compute the amount of the escrow to be posted with the Town. Such amount shall be reasonably related to the costs attendant to the Town's review of the application as of the effective date of this local law. Under no circumstances shall the escrow include amounts attributable to any costs incurred by the Town prior to the effective date of this local law.
- (b) Once computed and established by Resolution of the Planning Board, the applicant shall, within fifteen (15) days of said resolution, post escrow fees with the Secretary of the Planning Board. Failure to deliver the said escrow fees may result in delay of the further processing of the application.

### **SEVERABILITY**

In the event a court of law determined that any provision of this chapter is unenforceable, then only that provision shall be affected and all other provisions shall be fully enforceable.

### **EFFECTIVE DATE:**

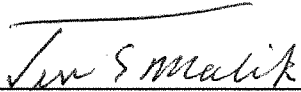
This local law shall take effect immediately upon filing in the Office of the Secretary of State.

**FEE ACKNOWLEDGEMENT**

The Town of Newburgh Municipal Code sets forth the schedule of fees for applications to the Planning Board. The signing of this application indicates your acknowledgement of responsibility for payment of these fees to the Planning Board for review of this application, including, but not limited to escrow fees for professional services (planner/consultant, engineering, legal, landscape consultant, traffic consultant), public hearing and site inspection.

Applicant's submissions and resubmissions are not complete and will not be considered by the planning board or placed upon its agenda unless all outstanding fees have been paid. Fees incurred after the stamping of plans will remain the responsibility of the applicant prior to approval of a building permit or certificate of occupancy. Fee schedules are available from the Planning Board Secretary and are on the Town's website.

Town of Newburgh Code Chapter 104-2. Planning, Zoning and Building fees, Section E(2)(e) states: If the escrow account falls below 40% of the initial deposit, the Planning Board may, if recommended by the consulting engineer, planner or attorney, require that the applicant pay additional funds into the escrow account up to 75% of the initial deposit.

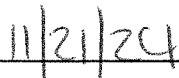


\_\_\_\_\_  
**APPLICANT'S SIGNATURE**

Jesse Malik

\_\_\_\_\_  
**APPLICANT'S NAME-- PRINTED**

DATE





**PROXY**

(OWNER) Jesse Malik, DEPOSES AND SAYS THAT HE/SHE

RESIDES AT 56 CRONOMER HEIGHTS DRIVE, NEWBURGH, NY 12550

IN THE COUNTY OF Orange County

AND STATE OF New York

AND THAT HE/SHE IS THE OWNER IN FEE OF:

Address: Mariners Court

Section 121 Block 1 Lot 2

WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING

APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH

PLANNING BOARD AND Day and Stokosa Engineering IS AUTHORIZED

TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 11/21/24

Jesse Malik  
OWNERS SIGNATURE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Jesse Malik  
OWNERS NAME (printed)

H. H. H.  
WITNESS' SIGNATURE

NAMES OF ADDITIONAL REPRESENTATIVES

Heather Brakenberg  
WITNESS' NAME (printed)

STATE OF NEW YORK )  
 )SS.:  
COUNTY OF ORANGE )

On the 21 day of November 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared, Jesse Malik, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC JENNIFER MARADAY  
Notary Public, State of New York  
No. 01MA6150708  
Qualified in Orange County  
My Commission Expires 9/21/26

**PLANNING BOARD DISCLAIMER STATEMENT**  
**TO APPLICANTS**

The applicant is advised that the Town of Newburgh Municipal Code, which contains the Town's Zoning Law, is subject to amendment. Submission of an application to this Board does not grant the applicant any right to continued review under the Code's current standards and requirements. It is possible that the applicant will be required to meet changed standards or new Code requirements made while the application is pending.

An approval by this Board does not constitute permission, nor grant any right to connect to or use municipal services such as sewer, water or roads. It is the applicant's responsibility to apply for and obtain the Town of Newburgh and other agency approvals not within this Board's authority to grant.

The applicant hereby acknowledges, consents, and agrees to the above.

11/21/24  
**DATED**

Jesse S Malik  
**APPLICANT'S SIGNATURE**

Jesse Malik  
**APPLICANT'S NAME - PRINTED**

**DISCLOSURE ADDENDUM STATEMENT TO APPLICATION,  
PETITION AND REQUEST**

Mindful of the provisions of Section 809 of the General Municipal Law of the State of New York, and of the Penal provisions thereof as well, the undersigned applicant states that no State Officer, Officer or Employee of the Town of Newburgh, or Orange County, has any interest, financial or otherwise, in this application or with, or in the applicant as defined in said Statute, except the following person or persons who is or are represented to have only the following type of interest, in the nature and to the extent hereinafter indicated:

X \_\_\_\_\_ **NONE**

\_\_\_\_\_ **NAME, ADDRESS, RELATIONSHIP OR INTEREST**  
(financial or otherwise)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This disclosure addendum statement is annexed to and made a part of the petition, application and request made by the undersigned applicant to the following Board or Officer of the Town of Newburgh.

\_\_\_\_\_ **TOWN BOARD**  
\_\_\_\_\_ **PLANNING BOARD**  
\_\_\_\_\_ **ZONING BOARD OF APPEALS**  
\_\_\_\_\_ **ZONING ENFORCEMENT OFFICER**  
\_\_\_\_\_ **BUILDING INSPECTOR**  
\_\_\_\_\_ **OTHER**

11/21/24  
\_\_\_\_\_ **DATED**

Tom S. Malik  
\_\_\_\_\_ **INDIVIDUAL APPLICANT**

\_\_\_\_\_  
**CORPORATE OR PARTNERSHIP APPLICANT**

**BY:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_


**PRINT:** \_\_\_\_\_

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## Certificate and Acknowledgement

The undersigned applicant represents, warrants, covenants and agrees that it shall notify all successors, assigns, purchasers and transferees of applicant's interest in the subject property, or rights to develop the subject property, or membership interests in the applicant, of the deferral of the payment of the Recreation Fee in Lieu of Parkland and the delivery of the performance security for landscaping improvements and the conditions thereof and that it shall cause those conditions to be binding upon all such successors, assigns, purchasers and transferees.

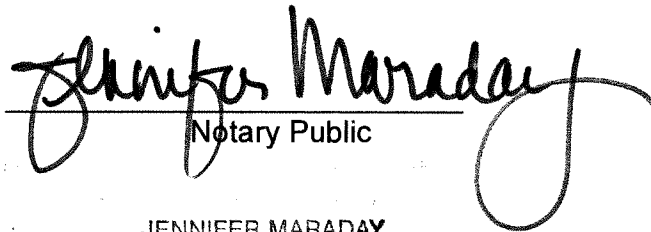
The applicant agrees for itself and all successors, assigns, purchasers and transferees, that in the event of any failure to comply with any of terms and conditions of the deferral of payment of the Recreation Fee in Lieu of Parkland and the delivery of the performance security for landscaping improvements pursuant to the Town Board of the Town of Newburgh resolution dated July 15, 2009 by the applicant, its successors, assigns, purchasers or transferees, the Town of Newburgh, in addition to all other remedies, shall be entitled to (a) issue a stop work order for any and all work commenced on the Subject Property and (b) withhold or revoke any and all building permits issued for the Subject Property.

  
\_\_\_\_\_  
Jesse Malin, Applicant

STATE OF NEW YORK :  
COUNTY OF Orange :SS.:

On the 21 day of November in the year 2024

before me the undersigned, a Notary Public in and for said State, personally appeared Jesse Malik, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

  
Notary Public

JENNIFER MARADAY  
Notary Public, State of New York  
No. 01MA6150708  
Qualified in Orange County  
My Commission Expires 9/21/26

**Full Environmental Assessment Form**  
**Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** 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; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

**A. Project and Applicant/Sponsor Information.**

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

**B. Government Approvals**

**B. Government Approvals, Funding, or Sponsorship.** (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
<p>i. Coastal Resources.</p> <p><i>i.</i> Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>ii.</i> Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>iii.</i> Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		

**C. Planning and Zoning**

**C.1. Planning and zoning actions.**

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?  Yes  No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

**C.2. Adopted land use plans.**

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?  Yes  No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?  Yes  No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)  Yes  No

If Yes, identify the plan(s):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?  Yes  No

If Yes, identify the plan(s):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  Yes  No  
If Yes, what is the zoning classification(s) including any applicable overlay district?

\_\_\_\_\_

\_\_\_\_\_

b. Is the use permitted or allowed by a special or conditional use permit?  Yes  No

c. Is a zoning change requested as part of the proposed action?  Yes  No

If Yes,

i. What is the proposed new zoning for the site? \_\_\_\_\_

**C.4. Existing community services.**

a. In what school district is the project site located? \_\_\_\_\_

b. What police or other public protection forces serve the project site?  
\_\_\_\_\_

c. Which fire protection and emergency medical services serve the project site?  
\_\_\_\_\_

d. What parks serve the project site?  
\_\_\_\_\_  
\_\_\_\_\_

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?  
\_\_\_\_\_

b. a. Total acreage of the site of the proposed action? \_\_\_\_\_ acres  
b. Total acreage to be physically disturbed? \_\_\_\_\_ acres  
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? \_\_\_\_\_ acres

c. Is the proposed action an expansion of an existing project or use?  Yes  No  
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % \_\_\_\_\_ Units: \_\_\_\_\_

d. Is the proposed action a subdivision, or does it include a subdivision?  Yes  No  
If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)  
\_\_\_\_\_

ii. Is a cluster/conservation layout proposed?  Yes  No

iii. Number of lots proposed? \_\_\_\_\_

iv. Minimum and maximum proposed lot sizes? Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

e. Will the proposed action be constructed in multiple phases?  Yes  No

i. If No, anticipated period of construction: \_\_\_\_\_ months

ii. If Yes:

- Total number of phases anticipated \_\_\_\_\_
- Anticipated commencement date of phase 1 (including demolition) \_\_\_\_\_ month \_\_\_\_\_ year
- Anticipated completion date of final phase \_\_\_\_\_ month \_\_\_\_\_ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



f. Does the project include new residential uses?  Yes  No  
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)?  Yes  No  
 If Yes,

i. Total number of structures \_\_\_\_\_

ii. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ height; \_\_\_\_\_ width; and \_\_\_\_\_ length

iii. Approximate extent of building space to be heated or cooled: \_\_\_\_\_ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  Yes  No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_

ii. If a water impoundment, the principal source of the water:  Ground water  Surface water streams  Other specify: \_\_\_\_\_

iii. If other than water, identify the type of impounded/contained liquids and their source.  
 \_\_\_\_\_

iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres

v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):  
 \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  Yes  No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
 If Yes:

i. What is the purpose of the excavation or dredging? \_\_\_\_\_

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): \_\_\_\_\_
- Over what duration of time? \_\_\_\_\_

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
 \_\_\_\_\_  
 \_\_\_\_\_

iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. \_\_\_\_\_  
 \_\_\_\_\_

v. What is the total area to be dredged or excavated? \_\_\_\_\_ acres

vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ acres

vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ feet

viii. Will the excavation require blasting?  Yes  No

ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  Yes  No  
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): \_\_\_\_\_  
 \_\_\_\_\_

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes  No

If Yes, describe: \_\_\_\_\_

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation?  Yes  No

If Yes:

- acres of aquatic vegetation proposed to be removed: \_\_\_\_\_
- expected acreage of aquatic vegetation remaining after project completion: \_\_\_\_\_
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): \_\_\_\_\_
- proposed method of plant removal: \_\_\_\_\_
- if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: \_\_\_\_\_

c. Will the proposed action use, or create a new demand for water?  Yes  No

If Yes:

i. Total anticipated water usage/demand per day: \_\_\_\_\_ gallons/day

ii. Will the proposed action obtain water from an existing public water supply?  Yes  No

If Yes:

- Name of district or service area: \_\_\_\_\_
- Does the existing public water supply have capacity to serve the proposal?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No
- Do existing lines serve the project site?  Yes  No

iii. Will line extension within an existing district be necessary to supply the project?  Yes  No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_
- Source(s) of supply for the district: \_\_\_\_\_

iv. Is a new water supply district or service area proposed to be formed to serve the project site?  Yes  No

If Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- Proposed source(s) of supply for new district: \_\_\_\_\_

v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: \_\_\_\_\_ gallons/minute.

d. Will the proposed action generate liquid wastes?  Yes  No

If Yes:

i. Total anticipated liquid waste generation per day: \_\_\_\_\_ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): \_\_\_\_\_

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No

If Yes:

- Name of wastewater treatment plant to be used: \_\_\_\_\_
- Name of district: \_\_\_\_\_
- Does the existing wastewater treatment plant have capacity to serve the project?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No

• Do existing sewer lines serve the project site?  Yes  No  
 • Will a line extension within an existing district be necessary to serve the project?  Yes  No  
 If Yes:  
 • Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No  
 If Yes:  
 • Applicant/sponsor for new district: \_\_\_\_\_  
 • Date application submitted or anticipated: \_\_\_\_\_  
 • What is the receiving water for the wastewater discharge? \_\_\_\_\_

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?  Yes  No  
 If Yes:  
 i. How much impervious surface will the project create in relation to total size of project parcel?  
     \_\_\_\_\_ Square feet or \_\_\_\_\_ acres (impervious surface)  
     \_\_\_\_\_ Square feet or \_\_\_\_\_ acres (parcel size)  
 ii. Describe types of new point sources. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 • If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

• Will stormwater runoff flow to adjacent properties?  Yes  No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?  Yes  No

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f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?  Yes  No  
 If Yes, identify:  
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)  
 \_\_\_\_\_  
 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)  
 \_\_\_\_\_  
 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)  
 \_\_\_\_\_  
 \_\_\_\_\_

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g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?  Yes  No  
 If Yes:  
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)  Yes  No  
 ii. In addition to emissions as calculated in the application, the project will generate:  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)  
 • \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?  Yes  No

If Yes:

*i.* Estimate methane generation in tons/year (metric): \_\_\_\_\_

*ii.* Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

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i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?  Yes  No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

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j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?  Yes  No

If Yes:

*i.* When is the peak traffic expected (Check all that apply):  Morning  Evening  Weekend  
 Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_.

*ii.* For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): \_\_\_\_\_

*iii.* Parking spaces: Existing \_\_\_\_\_ Proposed \_\_\_\_\_ Net increase/decrease \_\_\_\_\_

*iv.* Does the proposed action include any shared use parking? Yes No

*v.* If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: \_\_\_\_\_

*vi.* Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?  Yes  No

*vii.* Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?  Yes  No

*viii.* Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?  Yes  No

---

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?  Yes  No

If Yes:

*i.* Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_

*ii.* Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): \_\_\_\_\_

*iii.* Will the proposed action require a new, or an upgrade, to an existing substation?  Yes  No

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l. Hours of operation. Answer all items which apply.

<p><i>i.</i> During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____</li> <li>• Saturday: _____</li> <li>• Sunday: _____</li> <li>• Holidays: _____</li> </ul>	<p><i>ii.</i> During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____</li> <li>• Saturday: _____</li> <li>• Sunday: _____</li> <li>• Holidays: _____</li> </ul>
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<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>Describe: _____</p> <p>_____</p>	
<p>n. Will the proposed action have outdoor lighting? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>_____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> <li>• Construction: _____ tons per _____ (unit of time)</li> <li>• Operation : _____ tons per _____ (unit of time)</li> </ul> <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>_____</li> <li>• Operation: _____</li> <li>_____</li> </ul> <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>_____</li> <li>• Operation: _____</li> <li>_____</li> </ul>	

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No  
 If Yes:  
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_  
 ii. Anticipated rate of disposal/processing:  
 • \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or  
 • \_\_\_\_\_ Tons/hour, if combustion or thermal treatment  
 iii. If landfill, anticipated site life: \_\_\_\_\_ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes  No  
 If Yes:  
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Specify amount to be handled or generated \_\_\_\_\_ tons/month  
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes  No  
 If Yes: provide name and location of facility: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:  
 \_\_\_\_\_  
 \_\_\_\_\_

**E. Site and Setting of Proposed Action**

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.  
 i. Check all uses that occur on, adjoining and near the project site.  
 Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)  
 Forest  Agriculture  Aquatic  Other (specify): \_\_\_\_\_  
 ii. If mix of uses, generally describe:  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
i. If Yes: explain: \_\_\_\_\_

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d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?  Yes  No  
If Yes,  
i. Identify Facilities:  
\_\_\_\_\_

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e. Does the project site contain an existing dam?  Yes  No  
If Yes:  
i. Dimensions of the dam and impoundment:  

- Dam height: \_\_\_\_\_ feet
- Dam length: \_\_\_\_\_ feet
- Surface area: \_\_\_\_\_ acres
- Volume impounded: \_\_\_\_\_ gallons OR acre-feet

ii. Dam's existing hazard classification: \_\_\_\_\_  
iii. Provide date and summarize results of last inspection:  
\_\_\_\_\_

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f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?  Yes  No  
If Yes:  
i. Has the facility been formally closed?  Yes  No  

- If yes, cite sources/documentation: \_\_\_\_\_

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:  
\_\_\_\_\_

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g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?  Yes  No  
If Yes:  
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:  
\_\_\_\_\_

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h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
If Yes:  
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:  Yes  No  
 Yes – Spills Incidents database      Provide DEC ID number(s): \_\_\_\_\_  
 Yes – Environmental Site Remediation database      Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
\_\_\_\_\_

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iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?  Yes  No  
If yes, provide DEC ID number(s): \_\_\_\_\_  
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):  
\_\_\_\_\_

v. Is the project site subject to an institutional control limiting property uses?  Yes  No

- If yes, DEC site ID number: \_\_\_\_\_
- Describe the type of institutional control (e.g., deed restriction or easement): \_\_\_\_\_
- Describe any use limitations: \_\_\_\_\_
- Describe any engineering controls: \_\_\_\_\_
- Will the project affect the institutional or engineering controls in place?  Yes  No
- Explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ feet

b. Are there bedrock outcroppings on the project site?  Yes  No  
 If Yes, what proportion of the site is comprised of bedrock outcroppings? \_\_\_\_\_%

c. Predominant soil type(s) present on project site: \_\_\_\_\_ %  
 \_\_\_\_\_ %  
 \_\_\_\_\_ %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ % of site  
 Moderately Well Drained: \_\_\_\_\_ % of site  
 Poorly Drained \_\_\_\_\_ % of site

f. Approximate proportion of proposed action site with slopes:  0-10%: \_\_\_\_\_ % of site  
 10-15%: \_\_\_\_\_ % of site  
 15% or greater: \_\_\_\_\_ % of site

g. Are there any unique geologic features on the project site?  Yes  No  
 If Yes, describe: \_\_\_\_\_  
 \_\_\_\_\_

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  Yes  No

ii. Do any wetlands or other waterbodies adjoin the project site?  Yes  No  
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  Yes  No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Lakes or Ponds: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Wetlands: Name \_\_\_\_\_ Approximate Size \_\_\_\_\_
- Wetland No. (if regulated by DEC) \_\_\_\_\_

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  Yes  No  
 If yes, name of impaired water body/bodies and basis for listing as impaired: \_\_\_\_\_  
 \_\_\_\_\_

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i. Is the project site in a designated Floodway?  Yes  No

j. Is the project site in the 100-year Floodplain?  Yes  No

k. Is the project site in the 500-year Floodplain?  Yes  No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  Yes  No  
 If Yes:  
 i. Name of aquifer: \_\_\_\_\_



m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> <li>• Currently: _____ acres</li> <li>• Following completion of project as proposed: _____ acres</li> <li>• Gain or loss (indicate + or -): _____ acres</li> </ul>	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If yes, give a brief description of how the proposed action may affect that use: _____ _____	
<b>E.3. Designated Public Resources On or Near Project Site</b>	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	

e. 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Identify resource: <u>Hudson River</u>	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>Scenic Byway</u>	
<i>iii.</i> Distance between project and resource: <u>0.24</u> miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
	<input type="checkbox"/> Yes <input type="checkbox"/> No

**F. Additional Information**

Attach any additional information which may be needed to clarify your project.

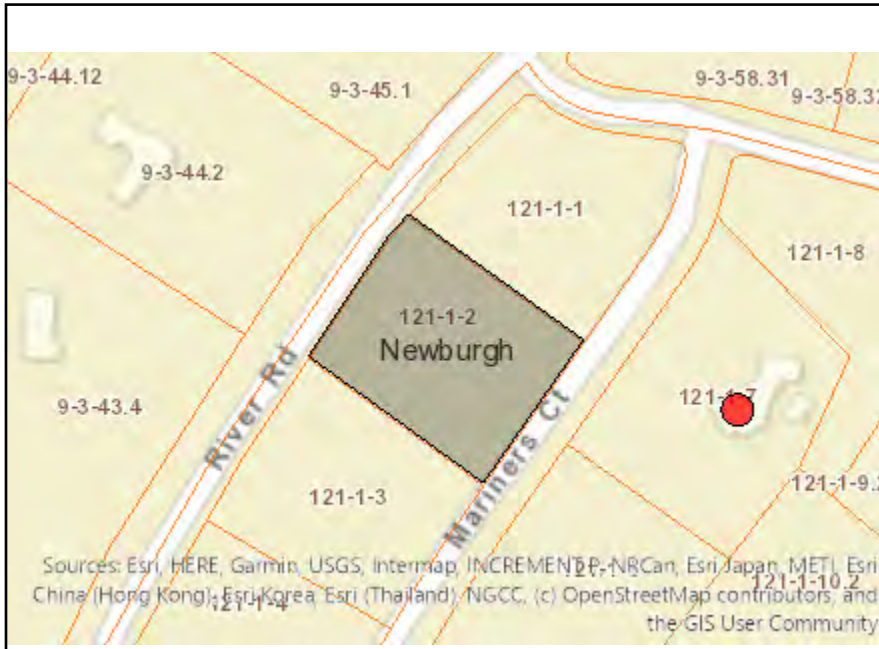
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

**G. Verification**

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Jesse Malin Date 11/21/2024

Signature Jesse Malin Title owner



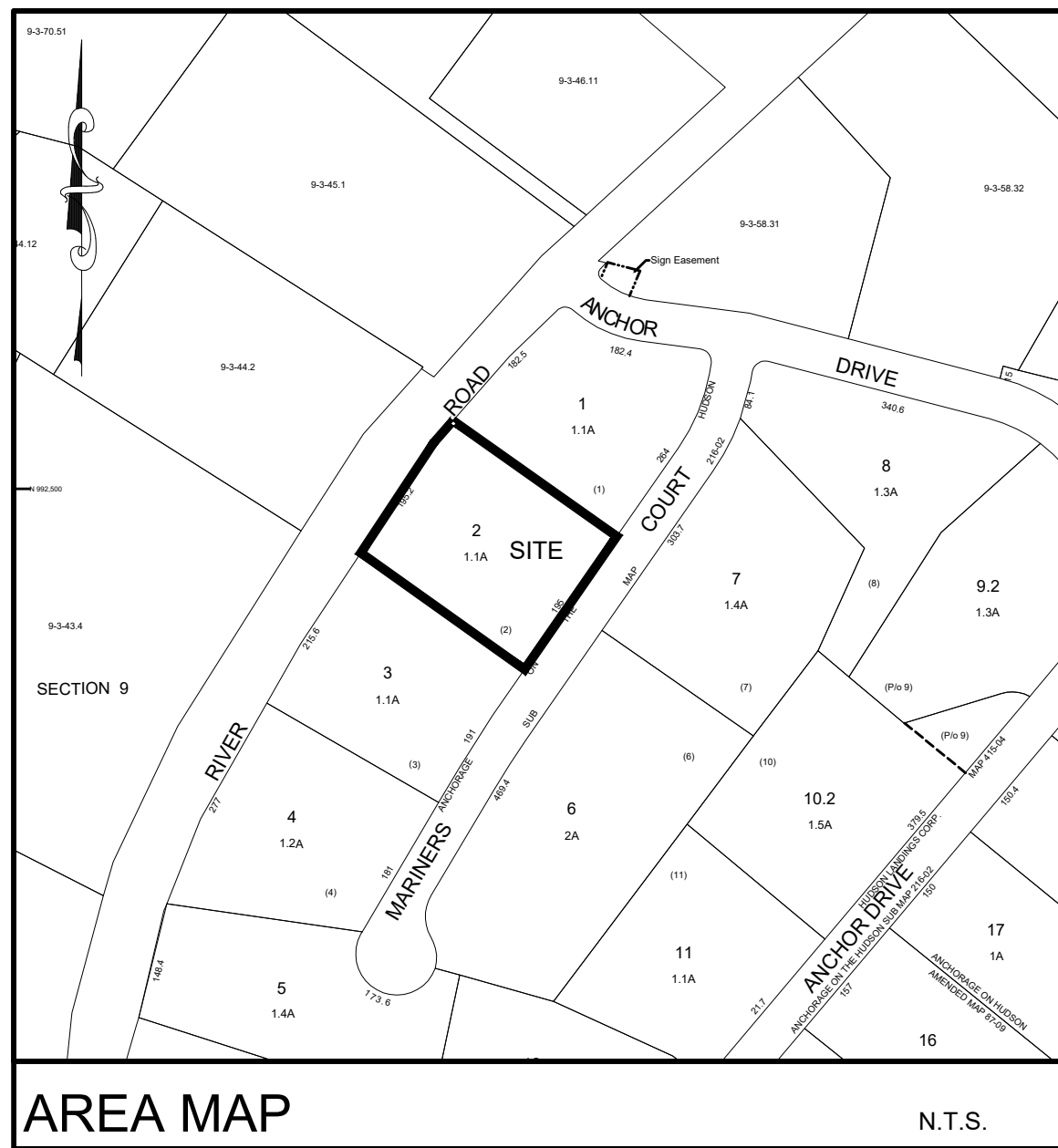
**Disclaimer:** The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting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



B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	546031
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Freshwater Subtidal Aquatic Bed

E.2.n.i [Natural Communities - Acres]	2013.77
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Bald Eagle, Atlantic Sturgeon, Shortnose Sturgeon, Indiana Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

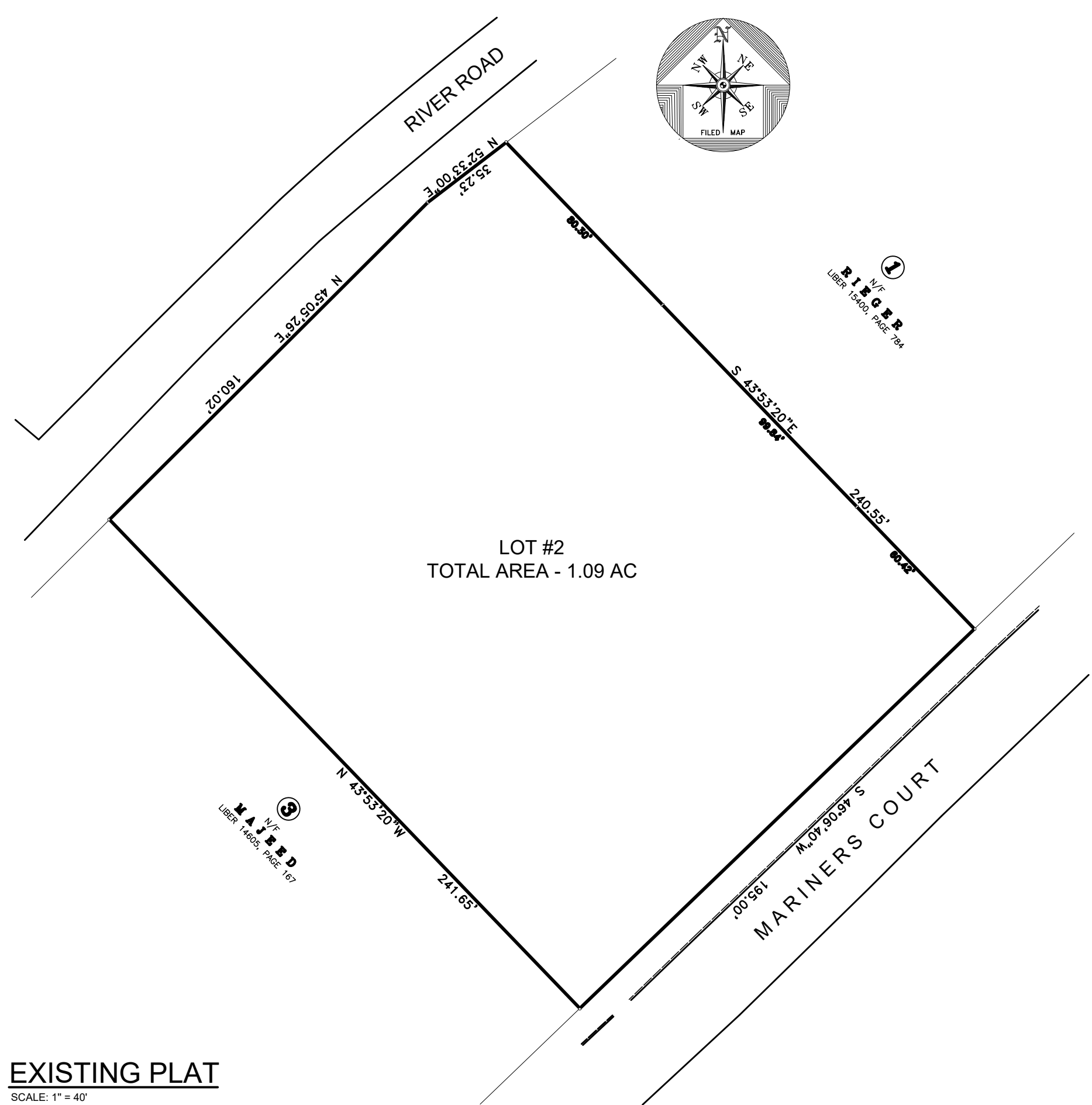
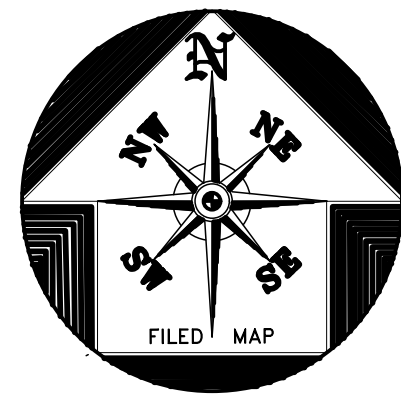




AREA MAP N.T.S.

PARCEL INFORMATION		
PARCEL ID	SECTION 121, BLOCK 1, LOT #2	
ZONING DISTRICT:	R-1	
TOTAL AREA:	1.09 A.C.	
BULK REQUIREMENTS	MIN. REQUIREMENTS	MIN. PROVIDED
MAX. DENSITY	1.0 A.C.	1.09 A.C.
LOT DEPTH	150'	>150'
LOT WIDTH	150'	>150'
MIN. FRONT YARD	50'	72'
MIN. SIDE YARD	30'/80'	33'/88'
MIN. REAR YARD	40'	90'
FLOOR AREA	1,500 S.F.	3,300 S.F.
MAX. BUILDING HEIGHT	35'	<35'
LOT COVERAGE (BUILDINGS)	10%	5.9%
IMPERVIOUS COVERAGE	20%	8.9%

OWNER  
**MR. JESSE MALIK**  
**56 CRONOMER HEIGHTS DRIVE**  
**NEWBURGH, NY 12550**

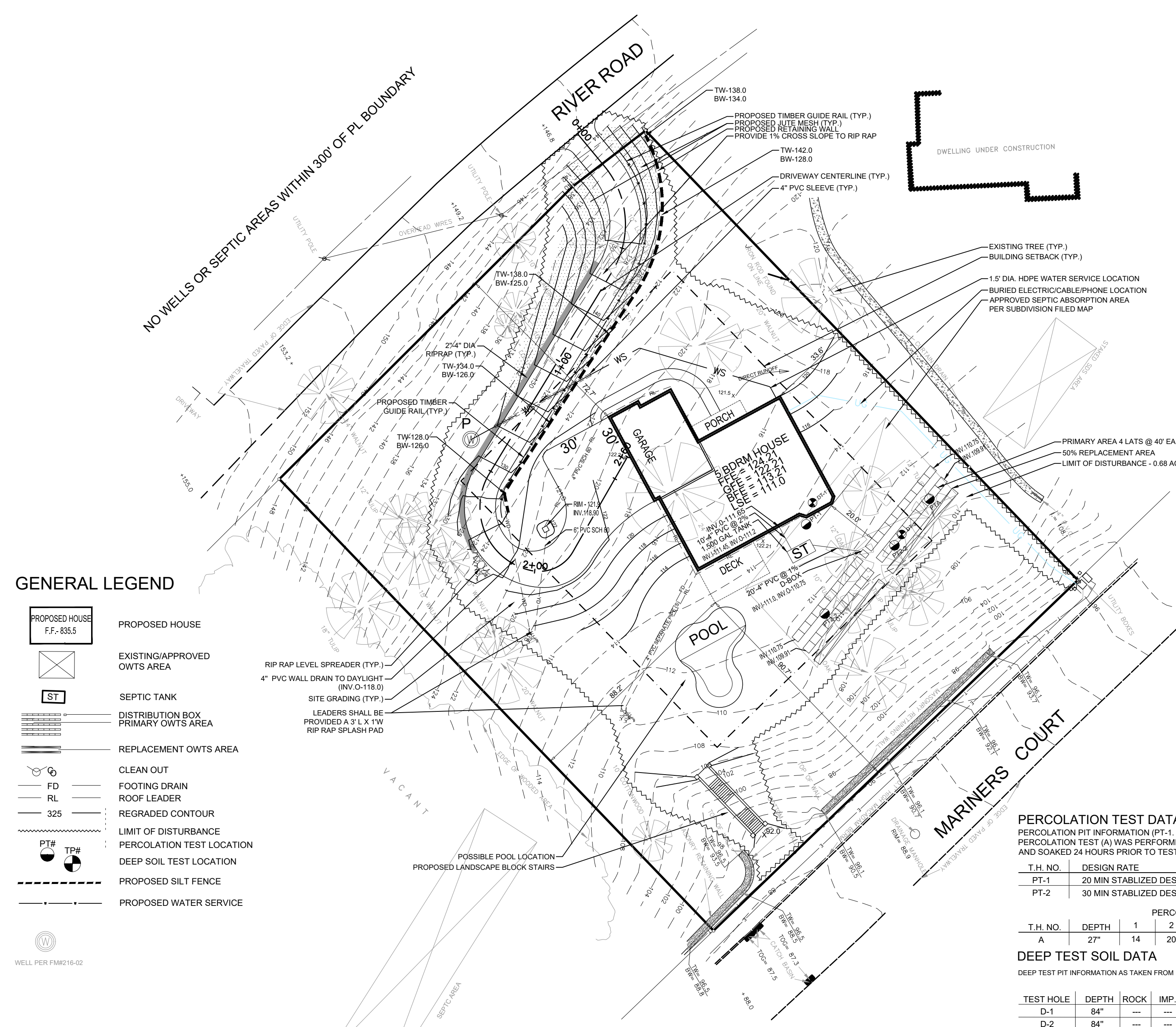
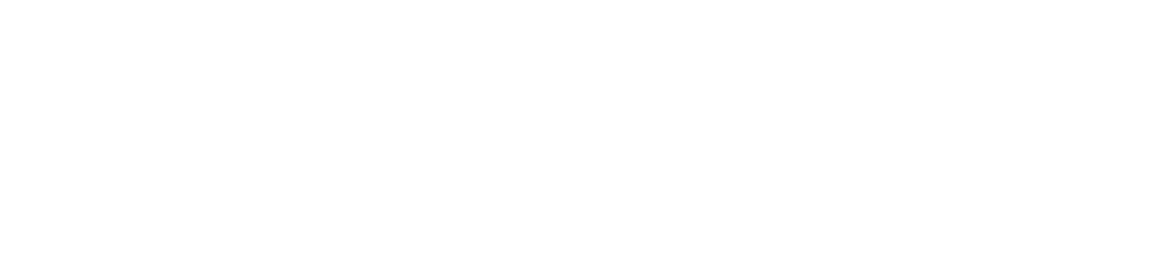


EXISTING PLAT  
 SCALE: 1" = 40'

**SITE SPECIFIC NOTES:**

- THE INTENT OF THIS PLAN IS TO SEEK AND OBTAIN HEALTH DEPARTMENT APPROVAL FOR WATER SUPPLY, WATER SERVICE LINE AND A SUBSURFACE SEWAGE DISPOSAL SYSTEM THAT WILL SERVE A MAXIMUM OF 5 BEDROOMS. THE APPLICANT WISHES TO GAIN ACCESS FROM RIVER ROAD WHICH LESSENS SITE DISTURBANCE AND GRADING. A PRE-CONSTRUCTION MEETING MUST BE SCHEDULED AT THE SITE WITH THE OWNER OR DEVELOPER AND A REPRESENTATIVE FROM THE ORANGE COUNTY DEPARTMENT OF HEALTH PRIOR TO INSTALLATION TO DISCUSS APPROVED ARRANGEMENTS FOR THE WATER SUPPLY AND SEWAGE DISPOSAL PER THE APPROVED PLAN.
- IF A SEPTIC TANK IS DELIVERED TO THE SITE IN SECTIONS, IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE O.C.H.D. FIELD INSPECTOR AND/OR CERTIFYING ENGINEER THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS SEALED AND WATERTIGHT.
- THE HOUSE LOCATION SHALL MEET THE MINIMUM REQUIREMENTS AS SET FOR BY THE TOWN ZONING ORDINANCE. THE TOWN ZONING AND BUILDING DEPARTMENTS SHALL BE CONSULTED TO INSURE CONFORMITY WITH ALL APPLICABLE ZONING REQUIREMENTS PRIOR TO CONSTRUCTION.
- BOUNDARY AND TOPO INFORMATION TAKEN FROM SURVEY DATED SEPTEMBER 25, 2024 PREPARED BY STEVEN P. DRABICK P.L.S., P.C.
- THE FOOTING DRAIN AND ROOF LEADER SHALL BE PROVIDED A 3' L X 1' W RIP RAP SPLASH PAD.
- MATERIAL ANALYSIS VIA AUTOCAD EXISTING GRADE VS. PROPOSED GRADE.  
 - TOTAL CUT AMOUNT - 34 CYDS, FILL AMOUNT - 1439 CYDS, TOTAL NET - 1405 CYDS IMPORTED.
- ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.
- THE SITE DOES NOT CONTAIN ANY FEMA FLOODPLAIN OR WETLANDS. ALL WELLS WITHIN 300 FEET OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
- THE ELIEN SYSTEM CONSTRUCTION MUST BE CERTIFIED BY A NYS PROFESSIONAL ENGINEER.
- A SEPTIC TANK EFFLUENT FILTER, IF PROVIDED, MUST BE ACCESSIBLE VIA A WATERTIGHT, LOCKABLE EXTENSION TO GRADE, BE NSF STAND 46 COMPLIANT, AND BE THE RESPONSIBILITY OF THE APPLICANT/SITE OWNER TO MAINTAIN IN CONFORMANCE WITH MANUFACTURER REQUIREMENTS.
- DUE TO THE PROXIMITY OF THE PROJECT SITE TO A KNOWN INDIANA BAT HIBERNACULUM, ANY TREE CUTTING OR REMOVAL SHALL OCCUR WITHIN THE APPROPRIATE TIME OF YEAR WORK WINDOW, OCTOBER 1ST THROUGH MARCH 31ST, TO AVOID DIRECT IMPACTS TO INDIVIDUALS AND THE NEED FOR AN ARTICLE 11 TAKE PERMIT.
- THE OWNER OF THE LOT SHALL BE PROVIDED WITH A COPY OF THE PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES. THE OWNER/APPLICANT SHALL ALSO BE ADVISED OF ANY ROUTINE OR SPECIAL MAINTENANCE PROCEDURES THAT MAY BE NECESSARY.
- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.
- ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPARTMENT) SHALL INSPECT THE SANITARY FACILITIES AT THE TIME OF CONSTRUCTION. THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.
- THE PROPERTY DOES NOT FALL WITHIN A PUBLIC WATERSHED, AND THERE WILL BE NO CONSTRUCTION ON WATERSHED LANDS.
- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED WITHOUT REVIEW AND APPROVAL OF THE ORANGE COUNTY DEPARTMENT OF HEALTH.
- TRENCHES SHALL NOT BE INSTALLED IN WET SOIL. THE SIDES AND BOTTOM OF TRENCHES MUST BE RAKED.
- THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS OR JACUZZI TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY HEALTH DEPARTMENT.
- SURVEY STAKE OUT OF THE STRUCTURE IS REQUIRED PRIOR TO POURING OF THE FOUNDATION.
- A BUILDING PERMIT IS REQUIRED FOR CONSTRUCTION OF ANY RETAINING WALL OVER 4 FEET IN HEIGHT. THE APPLICANT SHALL PROVIDE THE BUILDING DEPARTMENT A WALL DESIGN WITH ASSOCIATED CALCULATIONS DESIGNED BY A NYSPE.

- CONSTRUCTION PHASING:
  - OBTAIN APP PERMITS FROM ALL INVOLVED AGENCIES.
  - SURVEYOR TO STAKE OUT THE PROPERTY LINES, CL OF DRIVEWAY, HOUSE FOUNDATION AND SEPTIC ABSORPTION AREA.
  - INSTALL STABILIZED CONSTRUCTION ENTRANCE.
  - CUT AND REMOVE TREES.
  - INSTALL SILT FENCE AND ORANGE CONSTRUCTION FENCE.
  - STUMP REMOVAL.
  - INSTALL SEPTIC SYSTEM.
  - GRADE SITE, INSTALL SEPTIC SLEEVE AND RETAINING WALLS.
  - CONSTRUCT FOUNDATION, DWELLING, AND DRIVEWAY.
  - FINE GRADE, SEED, AND MULCH.



**GENERAL LEGEND**

- PROPOSED HOUSE F.F. 835.5
- EXISTING/APPROVED OWTS AREA
- SEPTIC TANK
- DISTRIBUTION BOX PRIMARY OWTS AREA
- REPLACEMENT OWTS AREA
- CLEAN OUT
- FOOTING DRAIN
- ROOF LEADER
- REGRADED CONTOUR
- LIMIT OF DISTURBANCE
- PERCOLATION TEST LOCATION
- DEEP SOIL TEST LOCATION
- PROPOSED SILT FENCE
- PROPOSED WATER SERVICE

**PROPOSED CONDITIONS PLAN**

SCALE: 1" = 30'

**ORANGE COUNTY HD APPROVAL BOX**

Call Before You Dig  
 Visit The Required Time  
 Confirm Utility Response  
 Respect The Marks  
 Dig With Care  
 Dial: 811  
 www.udig.ny.org

**PERCOLATION TEST DATA** SYMBOL - PT

PERCOLATION PIT INFORMATION (PT-1, PT-2) AS TAKEN FROM FILED MAP # 216-02  
 PERCOLATION TEST (A) WAS PERFORMED ON THE DATE OF 8/16/2024. PERCOLATION HOLE A WAS PRE-DUG AND SOAKED 24 HOURS PRIOR TO TESTING.

T.H. NO.	DESIGN RATE
PT-1	20 MIN STABILIZED DESIGN RATE PER FM216-02
PT-2	30 MIN STABILIZED DESIGN RATE PER FM216-02

**PERCOLATION TEST RUN(S)**

T.H. NO.	DEPTH	1	2	3	4	5	DESIGN RATE IMPLEMENTED
A	27"	14	20	20	-	-	30 MIN. DESIGN RATE

**DEEP TEST SOIL DATA** SYMBOL - TP

DEEP TEST PIT INFORMATION AS TAKEN FROM FILED MAP # 216-02

TEST HOLE	DEPTH	ROCK	IMP.	WATER	RESULTS
D-1	84"	---	---	---	TOPSOIL-0"-36", COMPACT SILT LOAM TO 84"
D-2	84"	---	---	---	TOPSOIL-0"-12", COMPACT SILT LOAM TO 84"

**PROPOSED TILE FIELD SCHEDULE**

REQUIRED LINEAL FT. OF ABSORPTION AREA - ELIEN SYSTEM 5 BDRM-5500 GPD/30 MIN PERC DESIGN	SAND & GRAVEL FILL (MINIMUM)	TOPSOIL COVER	TRENCH DEPTH (MAXIMUM)	TRENCH WIDTH	PUMP CHAMBER	D-BOX	ONSITE WASTEWATER TREATMENT SYSTEM	SEPTIC TANK SIZE (GAL.) 5 BDRM	CONFIGURATION FIELD 5 BDRM-5500 GPD/30 MIN PERC DESIGN PRIMARY & REPLACEMENT AREA
PRIMARY - 156 L.F.	50% REPLACEMENT - 40 L.F.	0'-0"	6"	24"	24"	NO	YES	ELIEN	1,500 PRIMARY = 4 LATS @ 40' EACH = 160 L.F. REPLACEMENT 2 LATS @ 40' EACH = 80 L.F.

**TOWN OF NEWBURGH PB APPROVAL BOX**

**OWNER CONSENT**

THE UNDERSIGNED OWNER OF THIS PROPERTY HEREOF STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREOF

OWNER \_\_\_\_\_ DATE \_\_\_\_\_

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

Brian J. Stokosa, PE

Project No. 2024.000 License No. 083970

**DAY STOKOSA ENGINEERING P.C.**

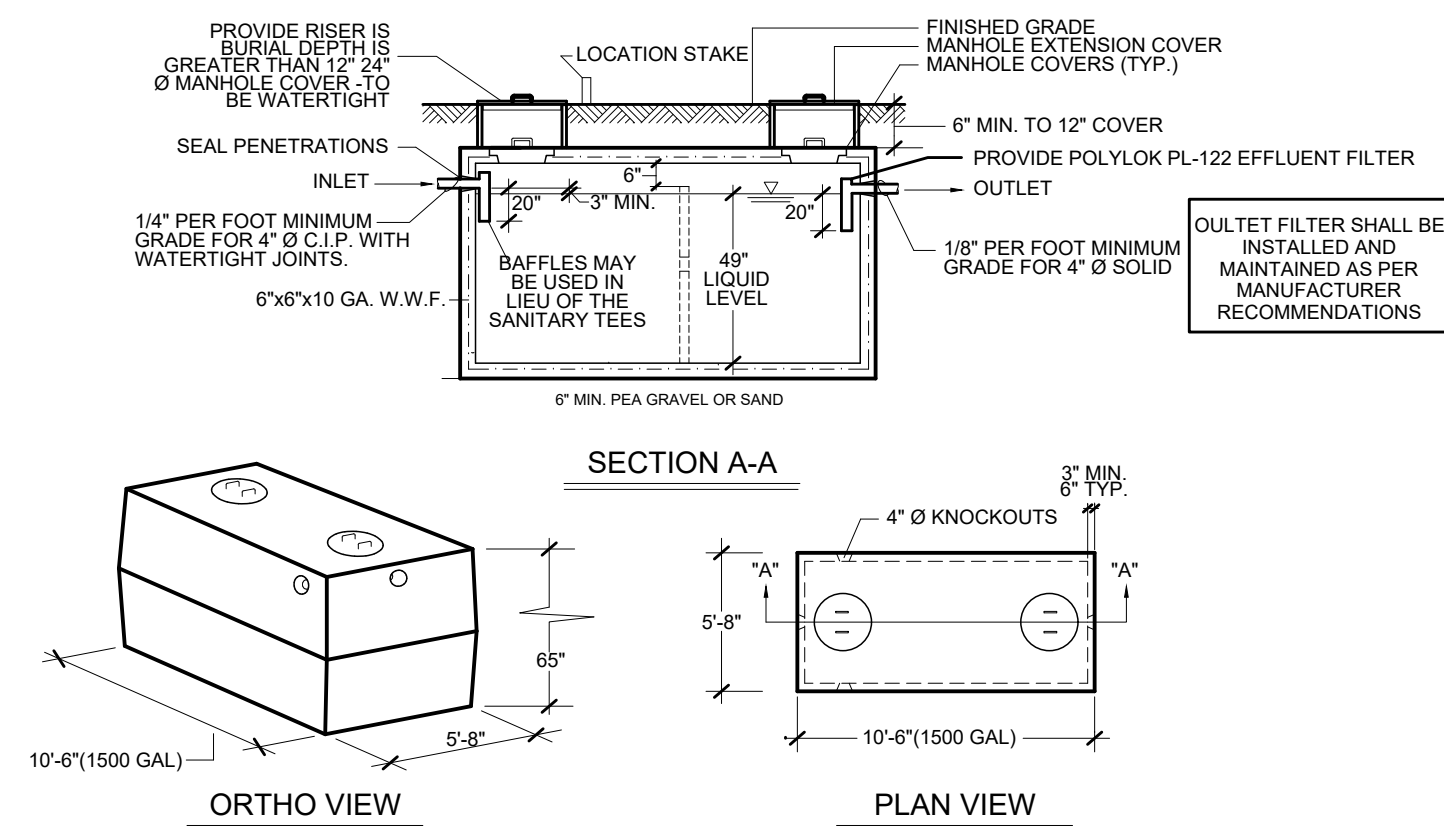
3 Van Wyck Lane  
 Wappingers Falls, New York 12590  
 (845)-223-3202

PROJECT: ANCHORAGE-ON-HUDSON - LOT #2  
 Location: Town of Newburgh, Orange County, New York

**SEPTIC MODIFICATION PLAN**

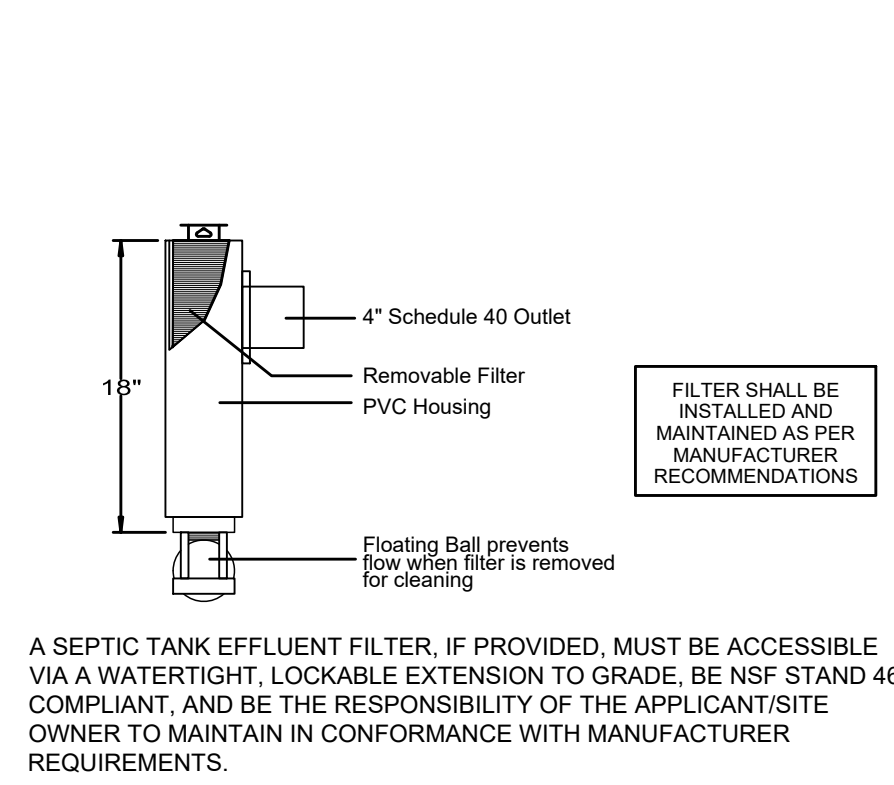
SCALE: AS NOTED DRAWN BY: BJS DRAWING No. 1  
 DATE: 10-17-24 CHECKED BY: BJS 1 of 3





**CONSTRUCTION NOTES:**  
 1) THE CONTRACTOR SHALL SEAL PENETRATIONS IN THE SEPTIC TANK SO THAT THE SEPTIC TANK IS WATERTIGHT.  
 2) THE SEPTIC TANK SHALL BE CONSTRUCTED FROM CONCRETE WHICH SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT A STANDARD 28 DAY COMPRESSIVE TEST.  
 3) 6\"/>

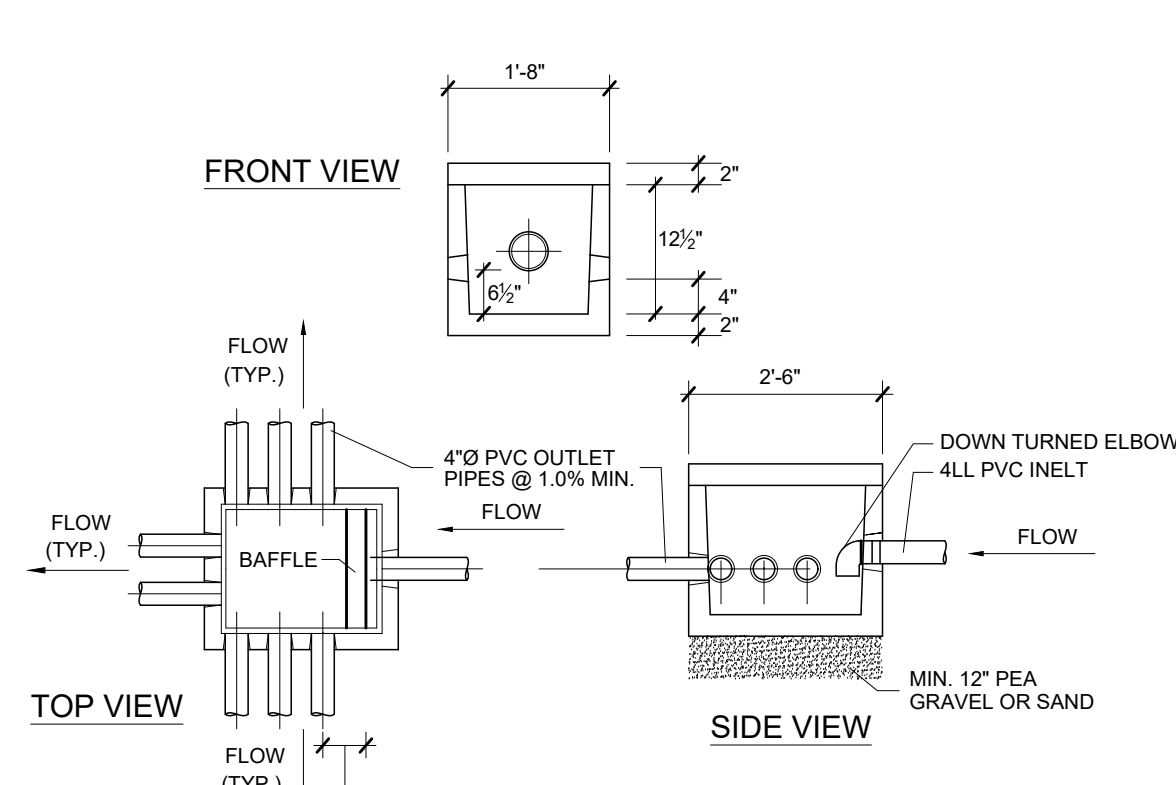
**TYPICAL SEPTIC TANK**  
N.T.S.



**SPECIFICATIONS**

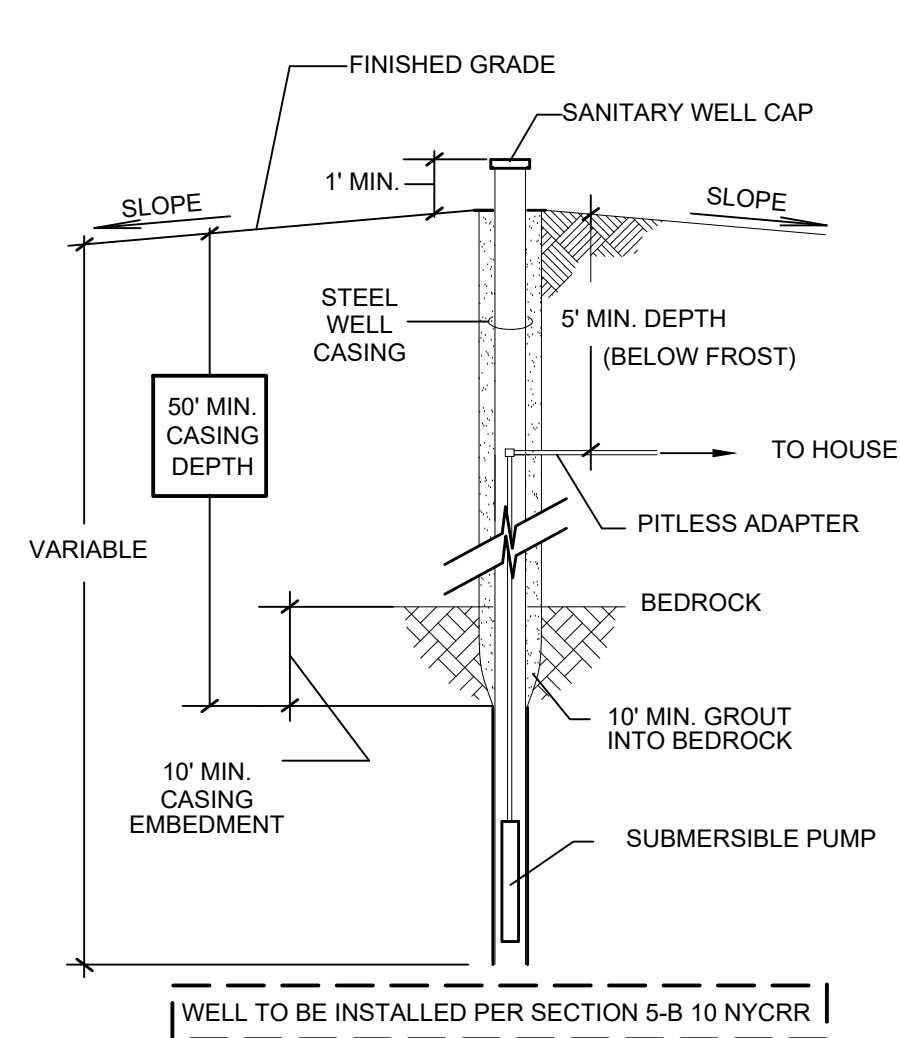
Construction: PVC Plastic Capacity: Polylok PL-122 = 1500 gpd / unit	SEPTIC TANK OUTLET FILTER POLYLOK PL-122  Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050
--	---

**SEPTIC TANK OUTLET EFFLUENT FILTER**  
N.T.S.

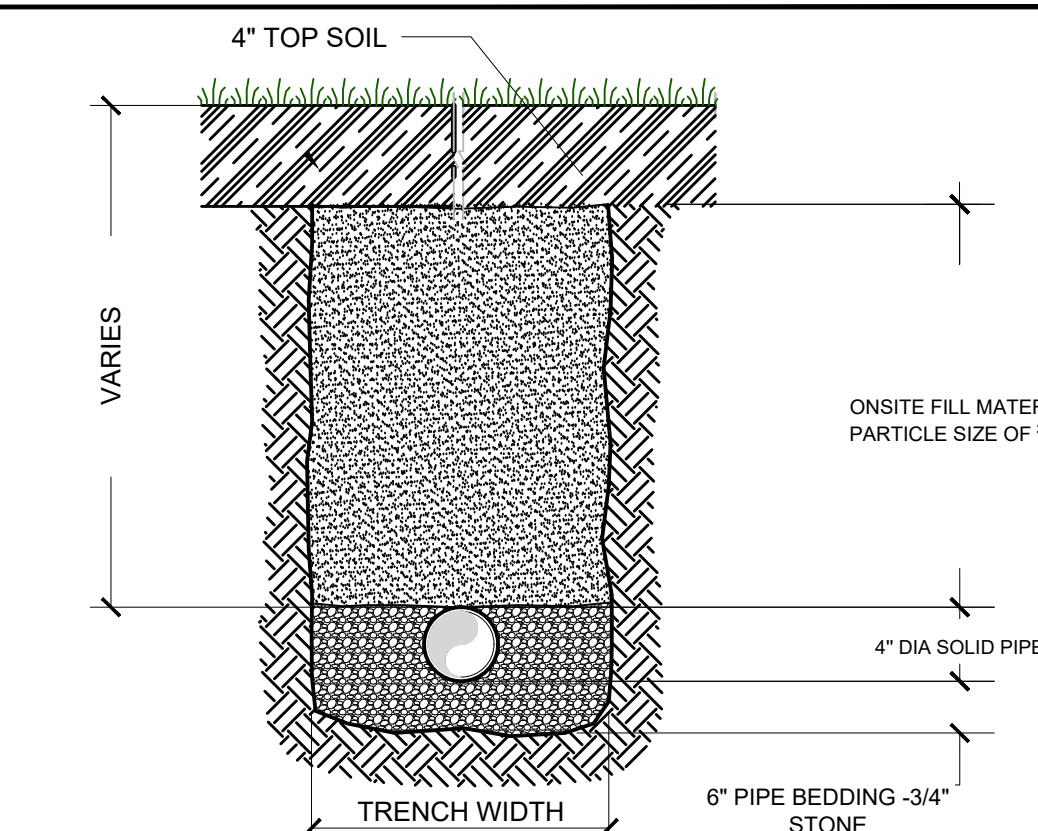


**NOTES:**  
 1) A MINIMUM OF 4\"/>

**DISTRIBUTION BOX DETAIL**  
N.T.S.

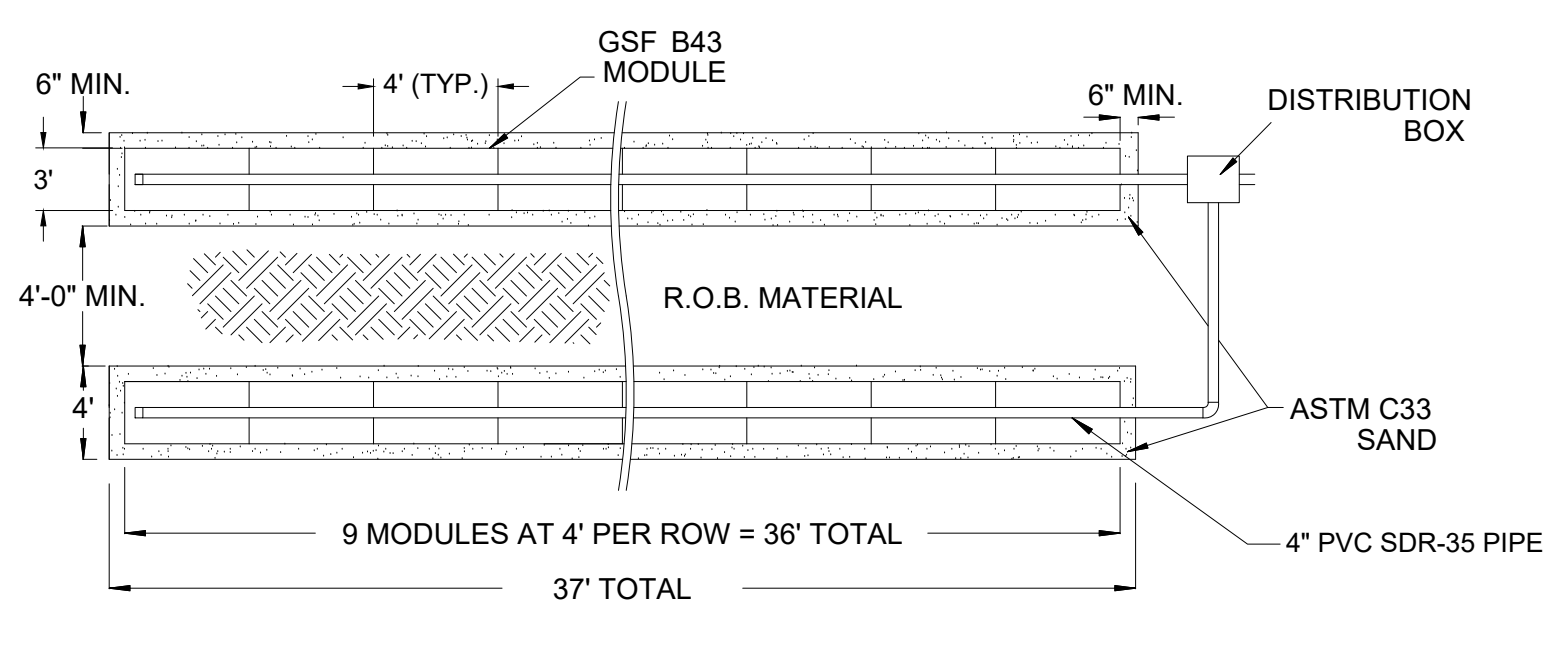


**WELL DETAIL**  
N.T.S.



**CONSTRUCTION NOTES:**  
 1. FILL OR BACKFILL MATERIAL SHALL BE DEPOSITED IN 12\"/>

**TYPICAL SEWER LINE DETAIL**  
N.T.S.



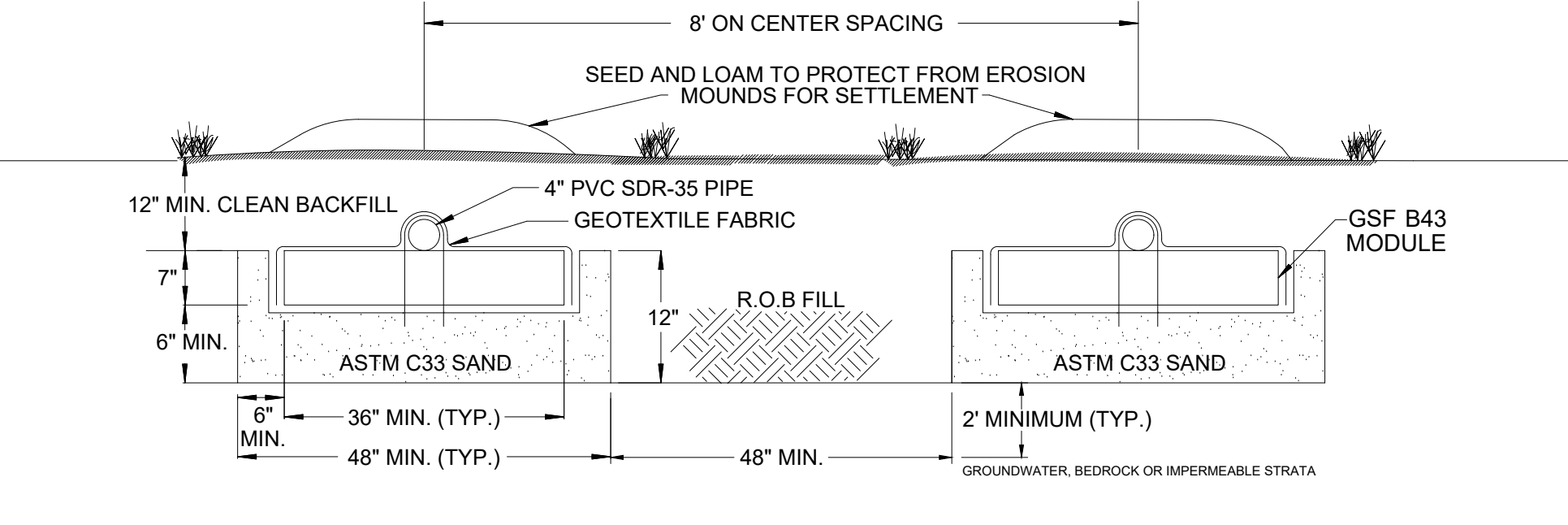
**NOTES FOR ELJEN GSF SYSTEMS:**

- This design and construction requirement complies with Appendix 75-A and local health department regulations.
- This design complies with and must be installed in accordance with the most current Eljen New York Design and Installation Manual.
- This system is not designed for use with a garbage disposal.
- This system is not designed for backwash from a water softener.
- Organic material that can restrict flow must be removed for raised beds. The soil must be scarified to provide deep channels for the sand. A plowed area on contour is recommended to prepare the soil for fill placement.
- Scarify any smeared subsoil prior to fill placement.
- Fill material shall meet or exceed State of New York Code requirements. All fill material shall be clean bank run sand, free of topsoil, humus, and \"dredging\" directly beneath the GSF system.

- GENERAL NOTES:**
- TRENCH BOTTOMS ARE TO BE SET LEVEL.
  - PIPE PERFORATIONS MUST FACE DOWNWARD.
  - TRENCHES TO BE LAID PARALLEL TO CONTOURS.
  - THE ELJEN SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
  - SEE ELJEN N-DRAIN DESIGN AND INSTALLATION MANUAL FOR DETAILS REFER TO \"ELJEN INSTALLATION INSTRUCTIONS\".
  - RESULTS OF THE SIEVE ANALYSIS SHALL BE SUBMITTED AS PART OF THE ENGINEER'S CERTIFICATION UPON COMPLETION OF THE FACILITIES. THE FINISHED WORKS SHALL BE INSPECTED, TESTED AND CERTIFIED COMPLETE TO THE DC EHSB BY THE NY STATE REGISTERED DESIGN PROFESSIONAL SUPERVISING CONSTRUCTION.
  - NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DC EHSB.

**SYSTEM INSTALLATION GUIDELINES - ELJEN GSF INSTALLATION MANUAL**

- REFER TO APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS FOR DESIGN AND CONSTRUCTION REQUIREMENTS.
- PLACE THE SAND FILL OVER THE ELJEN GSF FILTER MODULES ON TOP OF A MINIMUM LEVEL SURFACE OF 4\"/>



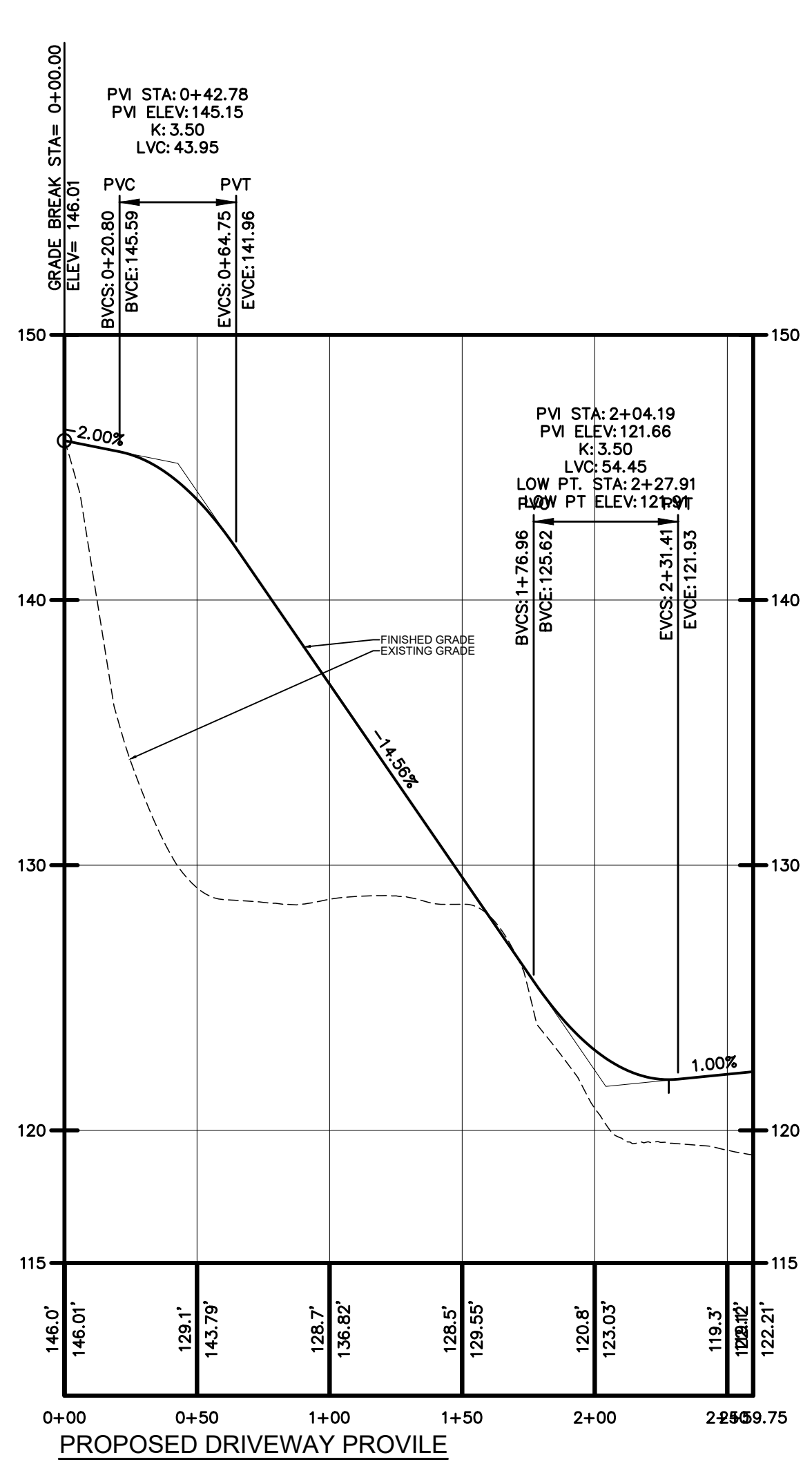
**GENERAL NOTES:**

- ASTM C33 Specified Sand with less than 10% passing a #100 sieve and less than 5% passing a #200 sieve shall be placed below and around the GSF modules, with 6 inches minimum underneath and 6 inches minimum surrounding the GSF modules in trench configurations. In bed systems, use 6 inches minimum underneath the modules with 12 inches minimum between module rows and 12 inches minimum around the perimeter of the modules.
- Eljen provided geotextile cover fabric shall provide proper tension and orientation of the fabric around the sides of the perforated pipe on top of the GSF modules. Fabric should be neither too loose, nor too tight. The correct tension of the cover fabric is set by:
  - Spreading the cover fabric over the top of the module and down both sides of the module with the cover fabric tented over the top of the perforated distribution pipe.
  - Place shovel full's of Specified Sand directly over the pipe area allowing the cover fabric to form a mostly vertical orientation along the sides of the pipe. Repeat this step moving down the pipe.
  - Backfill material shall be clean with no roots or stones larger than 2 inches in any dimension to a minimum depth of 8 inches over the GSF modules and final cover for vegetation of 4 inches to 6 inches of clean loam.
- Any system which is more than 18 inches below finish grade as measured from the top of the module shall be vented.

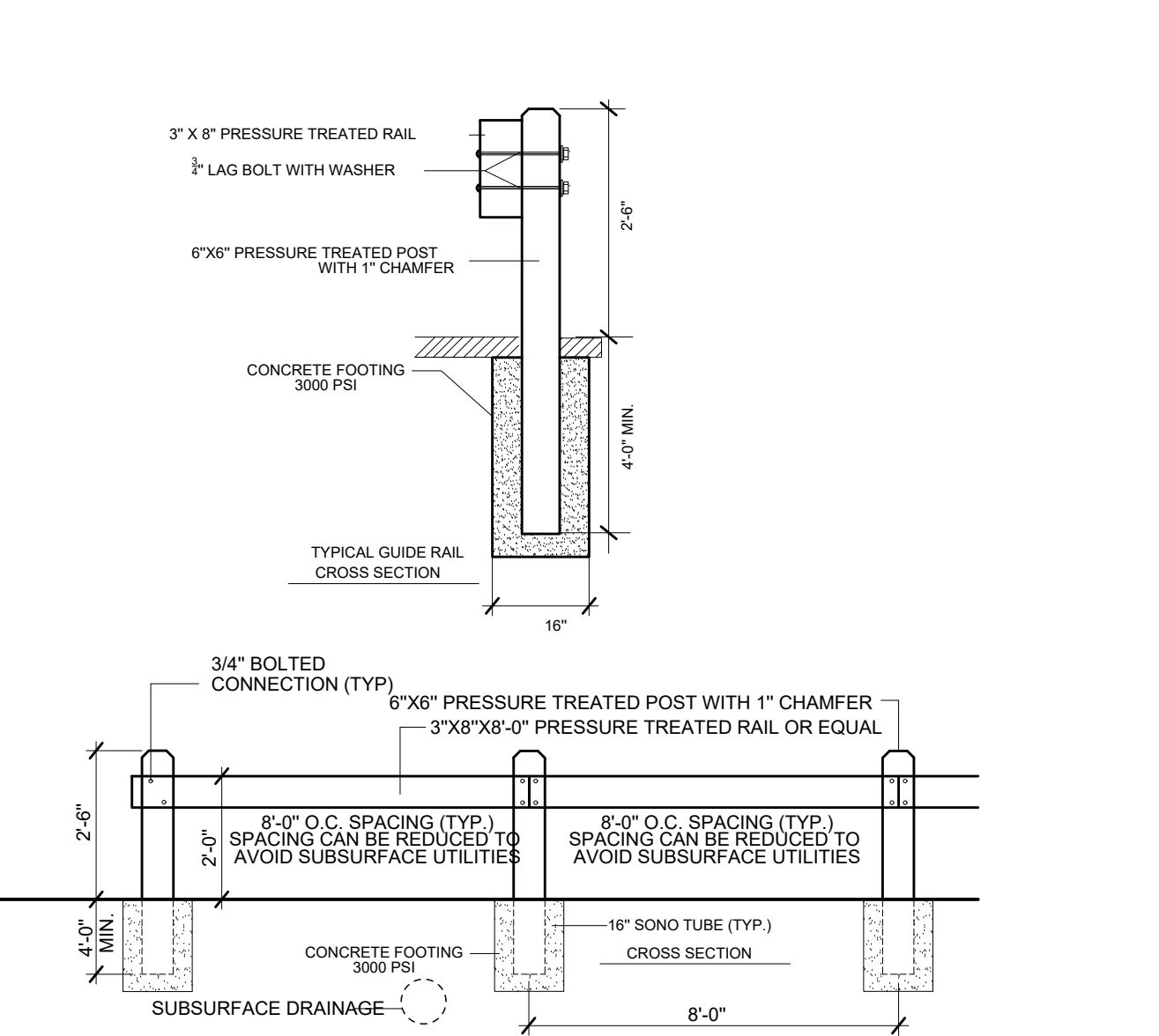
**TABLE 1: SPECIFIED SAND SIEVE REQUIREMENTS**

Sieve Size	Sieve Square Opening Size	Specification Percent Passing (Wet Sieve)
0.375"	9.5 mm	100.0 - 100.0
#4	4.75 mm	95.0 - 100.0
#8	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 µm	25.0 - 60.0
#50	300 µm	5.0 - 30.0
#100	150 µm	< 10.0
#200	75 µm	< 5.0

**ASTM C33 SAND SPECIFICATIONS FOR ELJEN SYSTEM**



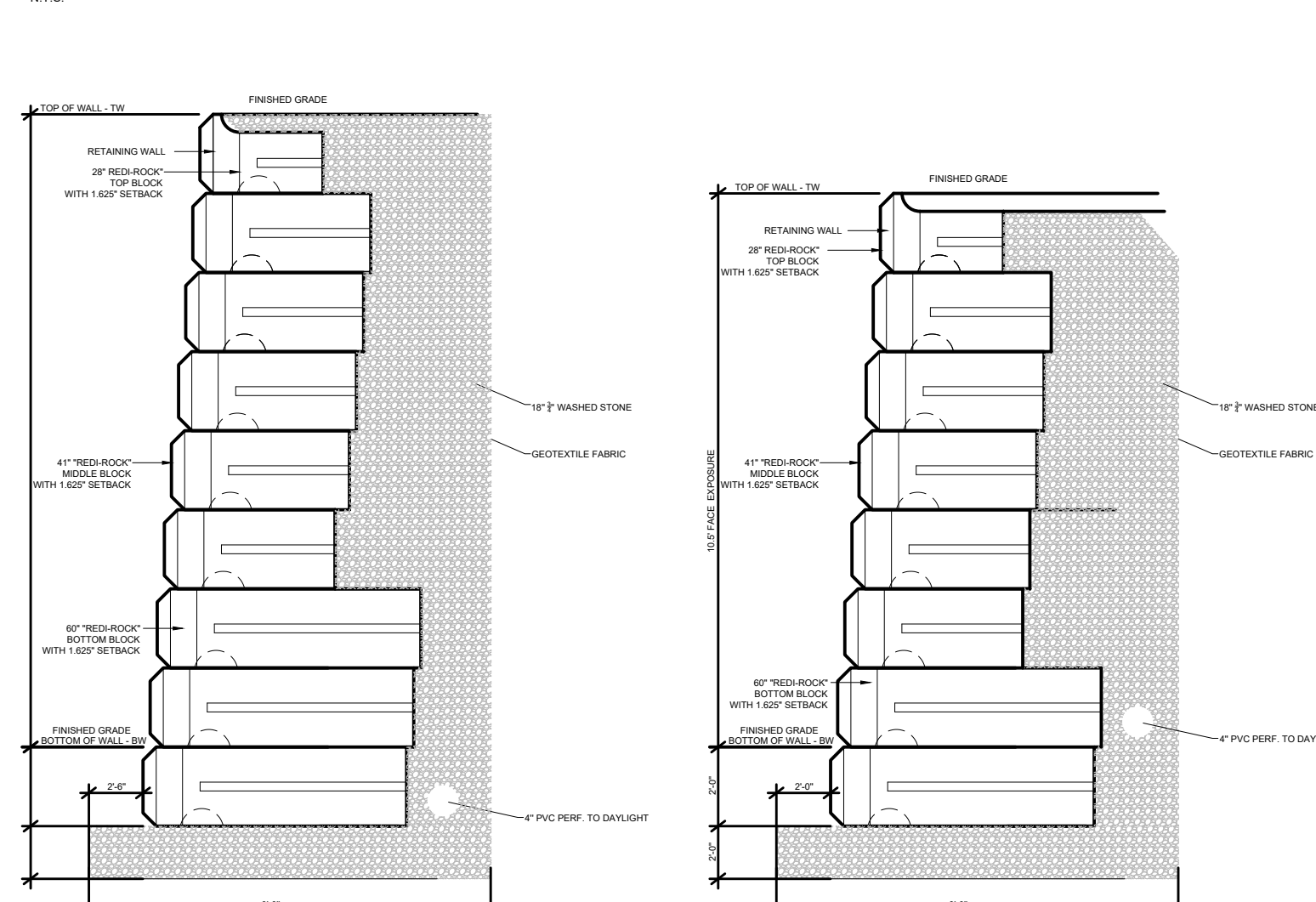
**PROPOSED DRIVEWAY PROFILE**  
H SCALE: 1" = 50', V SCALE: 1" = 5'



**TIMBER GUIDERAIL DETAIL**  
N.T.S.

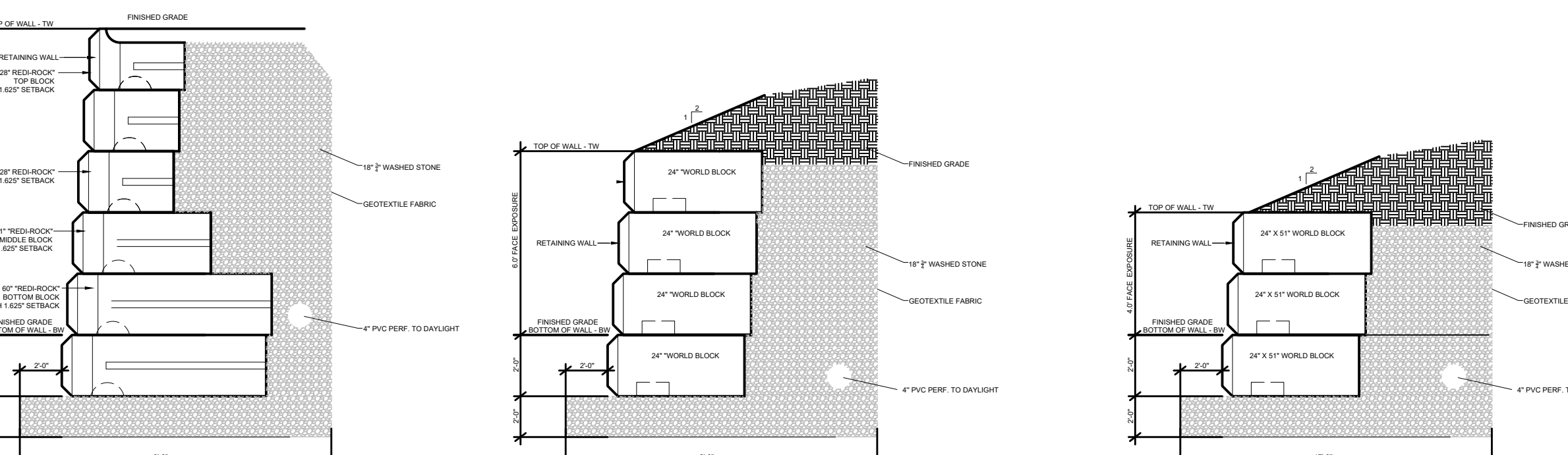
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**TYPICAL ELJEN DETAILS**  
N.T.S.



**TYPICAL RETAINING WALL DETAILS**  
N.T.S.

THE WALL DETAIL ARE FOR INTENT ONLY, THE APPLICANT SHALL SUBMIT FOR A RETAINING WALL PERMIT WITH NYSPE STAMPED WALL CALCULATIONS



**TOWN OF NEWBURGH PB APPROVAL BOX**

Brian J. Stokosa, PE

Project No: 2024.000 License No. 083970

**DAY STOKOSA ENGINEERING P.C.**

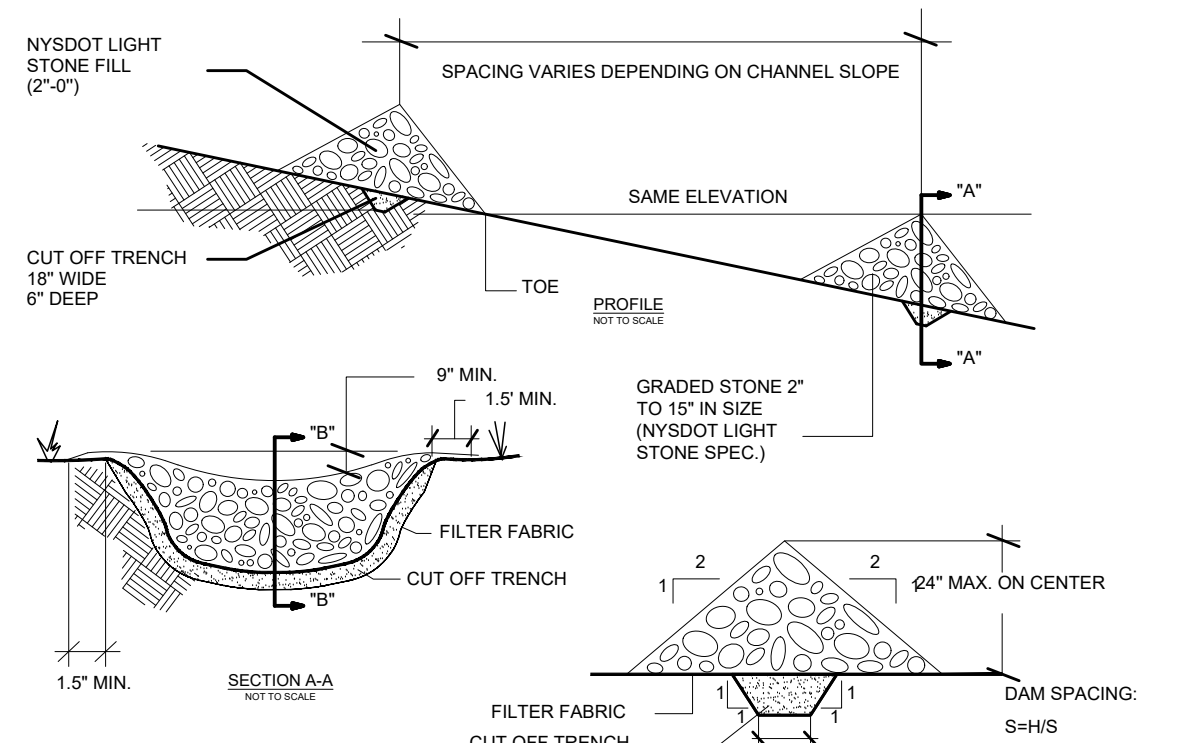
3 Van Wyck Lane  
Wappingers Falls, New York 12590  
(845)-223-3202

PROJECT: ANCHORAGE-ON-HUDSON - LOT #2  
Town of Newburgh Orange County, New York

**CONSTRUCTION DETAILS**

SCALE: AS NOTED	DRAWN BY: BJS	DRAWING No: 2
DATE: 10-17-24	CHECKED BY: BJS	2 of 3



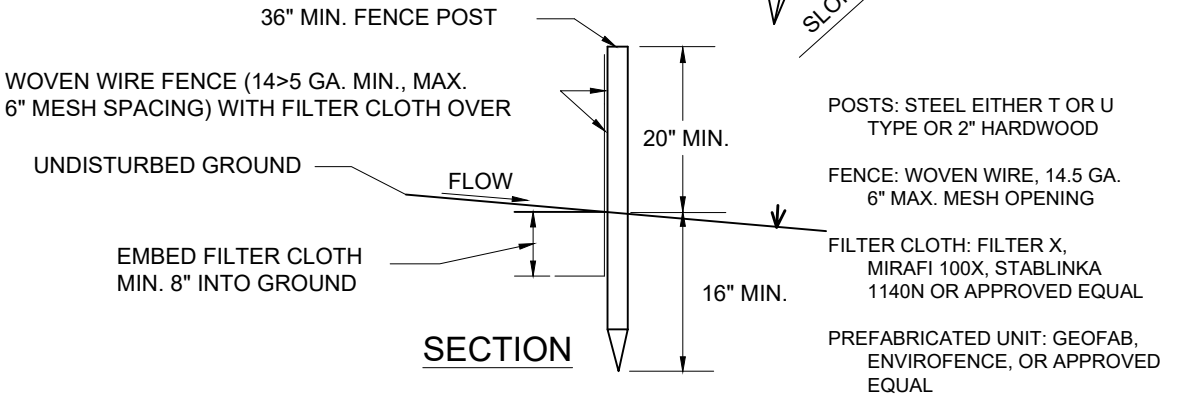
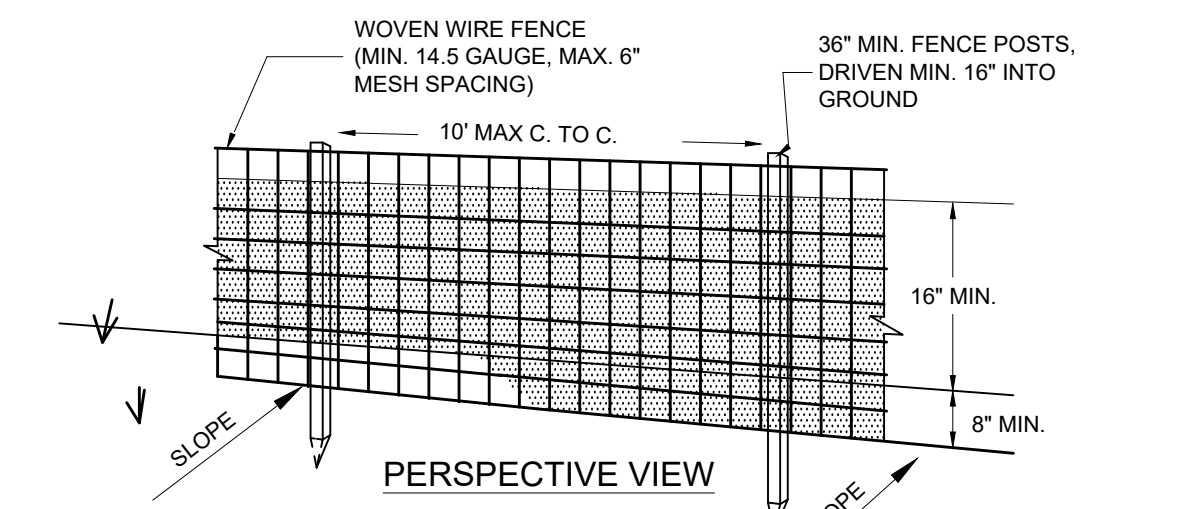


**CONSTRUCTION SPECIFICATIONS**

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THIS PLAN.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWN STREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT RUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THE CHANNEL APPURTENANCES SUCH AS CLUVERT ENTRIES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
- CHECK DAMS SHALL BE INSPECTED AFTER EACH RUNOFF EVENT AND ALL DAMAGE THAT OCCURS SHALL BE CORRECTED IMMEDIATELY.
- REMOVE SEDIMENT ACCUMULATION BEHIND THE CHECK DAMS REQUIRED TO ALLOW CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM.

SLOPE	SPACING
2%	100.0'
4%	50.0'
6%	33.3'
8%	25.0'
10%	20.0'
12%	16.6'
14%	14.3'
16%	12.5'

**TYPICAL CHECK DAM DETAIL**  
NOT TO SCALE



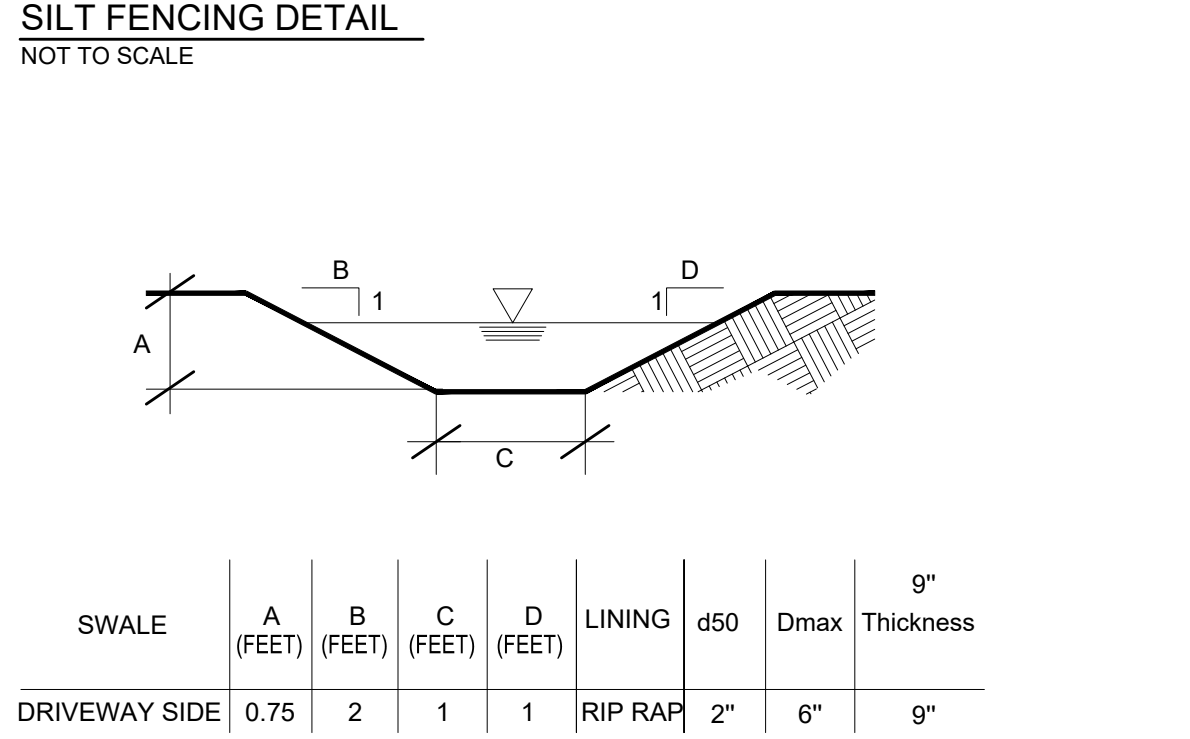
**CONSTRUCTION SPECIFICATIONS**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER T OR U TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

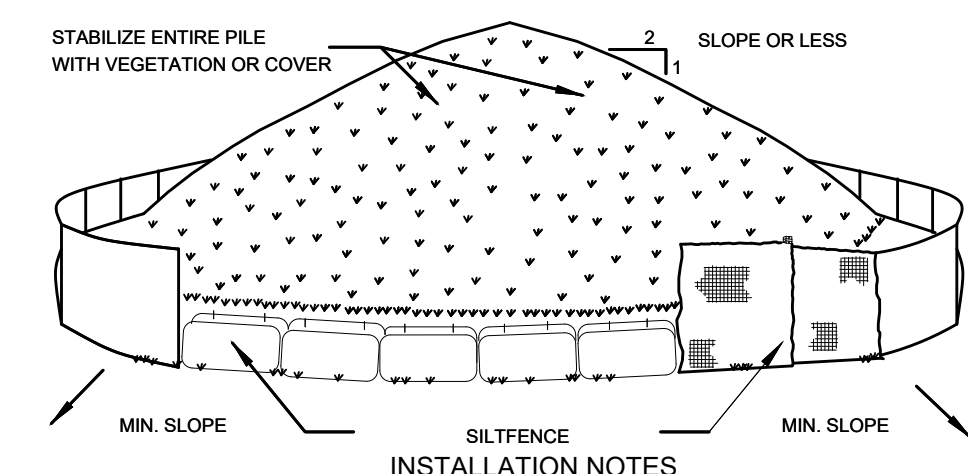
SLOPE STEEPNESS	MAXIMUM LENGTH
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100

**SILT FENCING DETAIL**  
NOT TO SCALE

SWALE	A (FEET)	B (FEET)	C (FEET)	D (FEET)	LINING	d50	Dmax	Thickness
DRIVEWAY SIDE	0.75	2	1	1	RIP RAP	2"	6"	9"

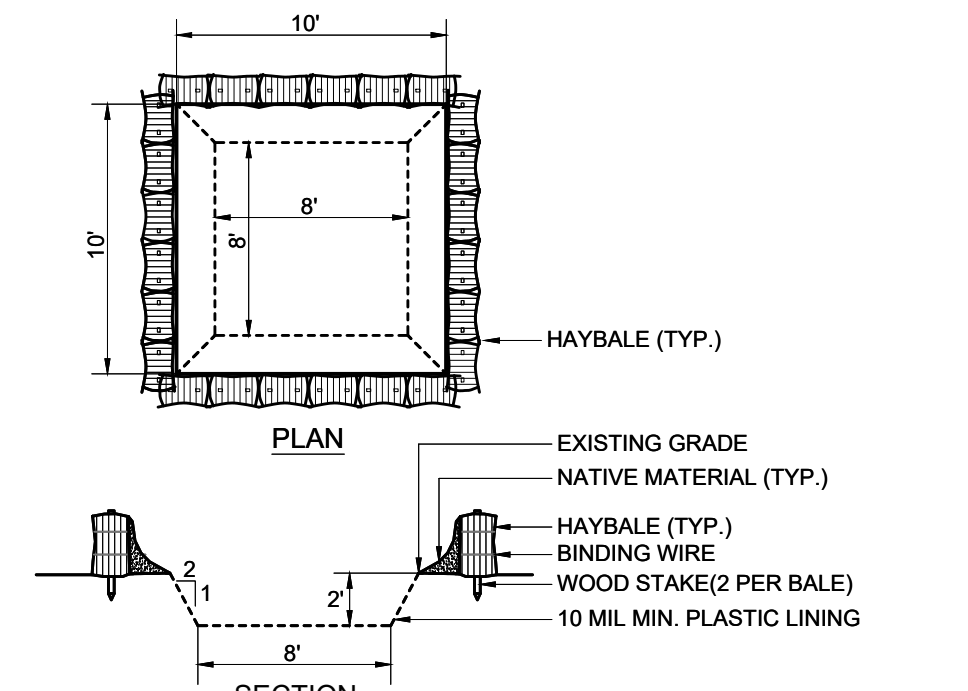


**TYPICAL DRIVEWAY SIDE SWALE DETAIL**  
NOT TO SCALE



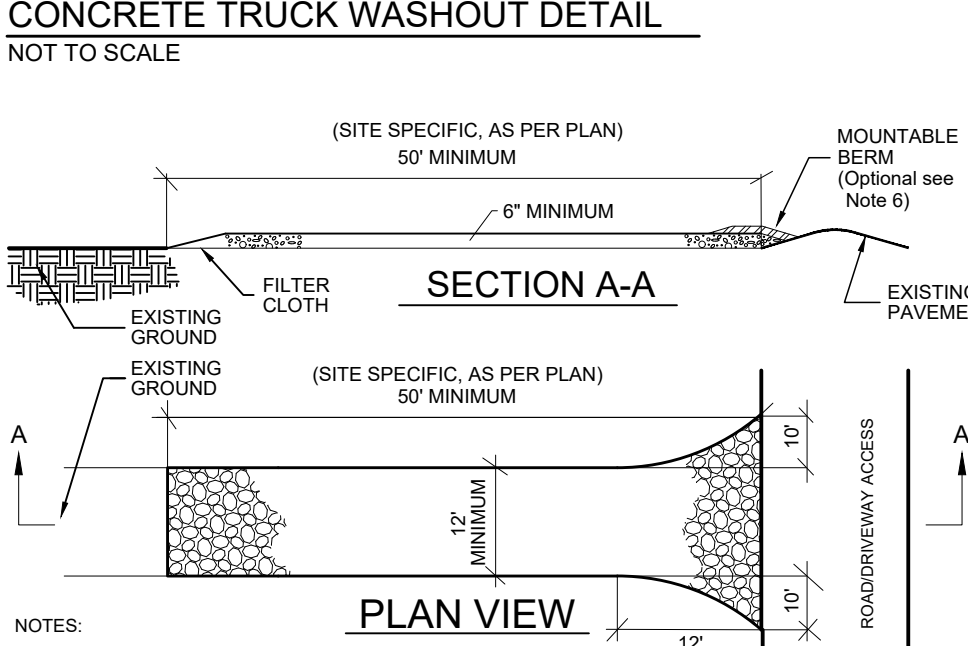
**INSTALLATION NOTES**

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION.



**CONSTRUCTION SPECIFICATIONS**

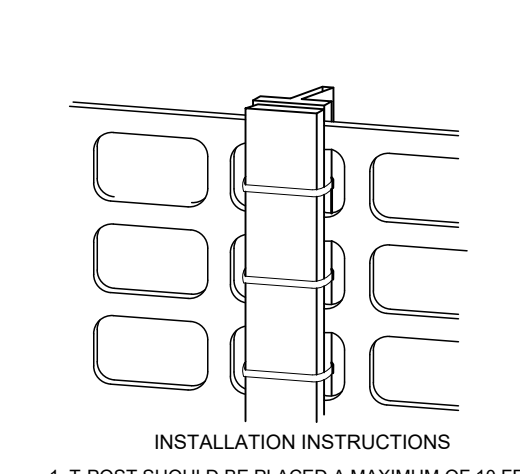
- THE LINER SHALL BE PLASTIC SHEETING WITH A MINIMUM THICKNESS OF 10 MILS WITH NO HOLES OR TEARS, AND ANCHORED BEYOND THE TOP OF THE PIT WITH AN EARTHEN BERM, SAND BAGS, STONE, OR OTHER STRUCTURAL APPURTENANCE EXCEPT AT THE ACCESS POINT.
- LOCATE THE FACILITY A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STRAINS AND OTHER SURFACE WATERS. PREVENT SURFACE WATER FROM ENTERING THE STRUCTURE EXCEPT FOR THE ACCESS ROAD. PROVIDE APPROPRIATE ACCESS WITH A GRAVEL ACCESS ROAD SLOPED DOWN TO THE STRUCTURE. SIGNS SHALL BE PLACED TO DIRECT DRIVERS TO THE FACILITY AFTER THEIR LOAD IS DISCHARGED.
- ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHOULD BE PUMPED TO A STABILIZED AREA, SUCH AS A GRASS FILTER STRIP.
- ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 70% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
- DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL. ON-SITE DISPOSAL MAY BE ALLOWED IF THIS HAS BEEN APPROVED AND ACCEPTED AS PART OF THE PROJECT'S SWPPP. IN THAT CASE, THE MATERIAL SHOULD BE RECYCLED AS SPECIFIED, OR BURIED AND COVERED WITH A MINIMUM OF 2 FEET OF CLEAN COMPACTED GARTHILL THAT IS PERMANENTLY STABILIZED TO PREVENT EROSION.
- THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
- INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.



**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE

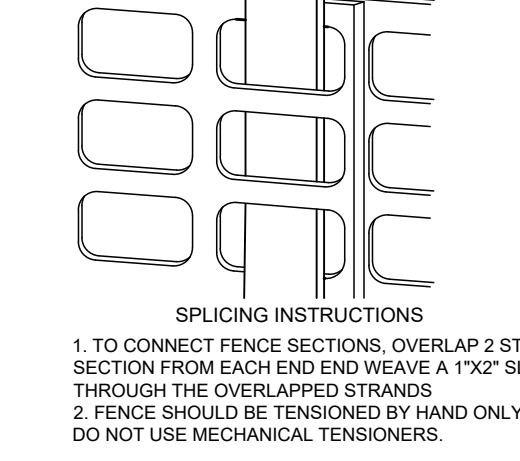
- STONE SIZE - USE 2" MIN. ANGULAR/CRUSHED STONE.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - 10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 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.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DRIPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE



**INSTALLATION INSTRUCTIONS**

- T-POST SHOULD BE PLACED A MAXIMUM OF 10 FEET APART.
- VERTICAL STRANDS OF FENCE SHOULD BE SANDWICHED BETWEEN FLAT SIDE OF T-POST AND 1"x2" WOOD SLAT.
- WIRE TIES OR PLASTIC CABLE TIES CAN THEN BE USED TO SECURE THE SLAT AND FENCE STRAND TO THE T-POST.



**SPlicing INSTRUCTIONS**

- TO CONNECT FENCE SECTIONS, OVERLAP 2 STRAND SECTION FROM EACH END AND WEAVE A 1"x2" SLAT THROUGH THE OVERLAPPED STRANDS.
- FENCE SHOULD BE TENSIONED BY HAND ONLY. DO NOT USE MECHANICAL TENSIONERS.

**ORANGE CONSTRUCTION FENCE DETAIL**  
NOT TO SCALE

**SEEDING NOTES:**

- EXPOSED SLOPES AND ALL GRADED AREAS SHALL BE SEED WITH THE FOLLOWING GRASS SEED MIX AS REQUIRED:

STEEP SLOPES (3:1)

TEMPORARY SEEDING - SUMMER SEASON - GERMAN MILLET @ 40 LBS PER ACRE  
WINTER SEASON - RYE GRAIN @ 120 LBS PER ACRE

PERMANENT SEEDING - SPRING/FALL  
TALL FESCUE @ 100 LBS PER ACRE  
KOBE LESPEDEZA @ 10 LBS PER ACRE  
BAHIA GRASS @ 25 LBS PER ACRE  
RYE GRAIN @ 40 LBS PER ACRE

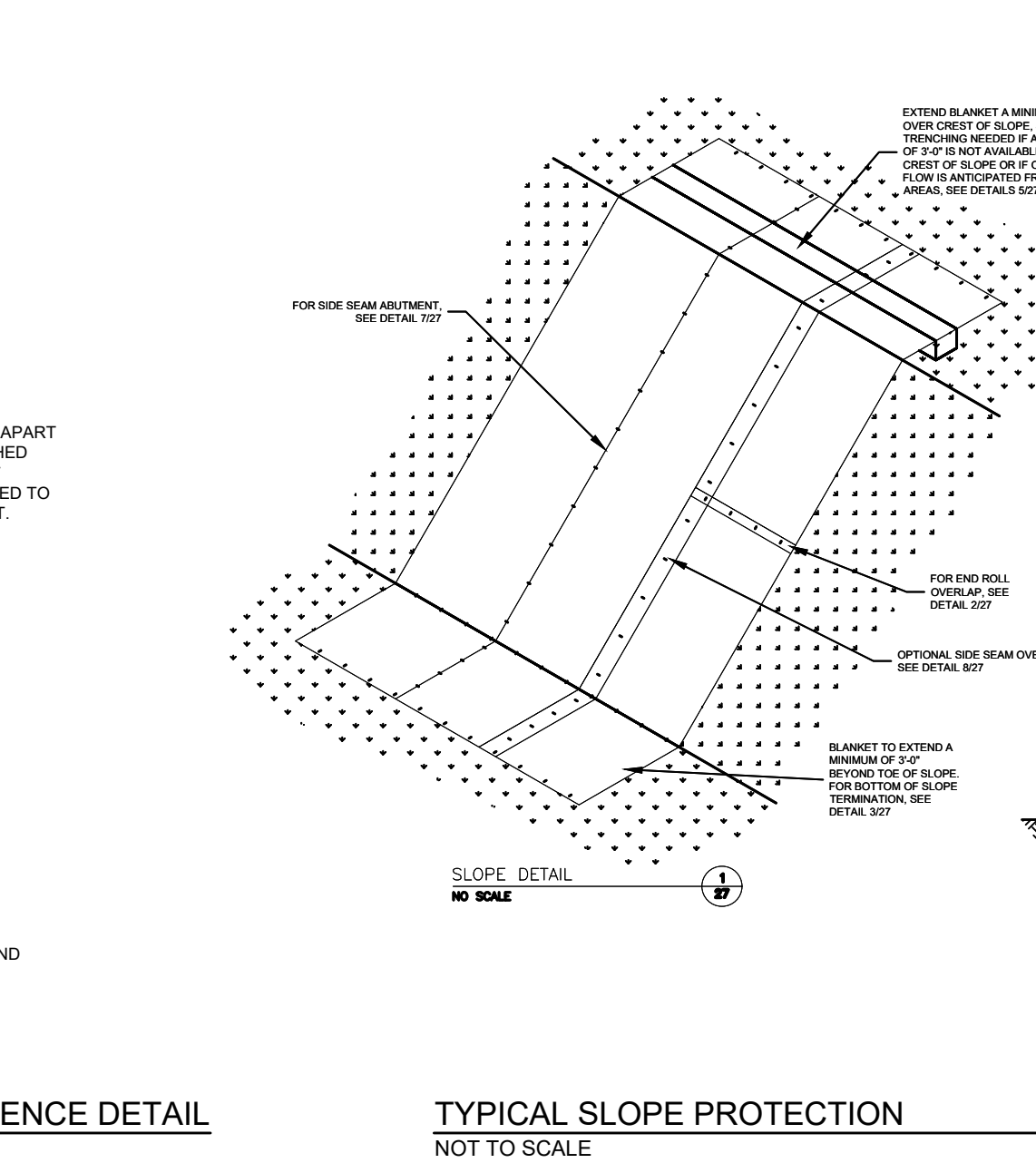
- GRASS SEED MIX MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF N.Y. STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- SEEDING AREAS SHALL BE MULCHED AS REQUIRED:

MID-SUMMER, LATE FALL OR WINTER  
APPLY AT A RATE OF 100 LBS/1,000 SQ.FT. GRAIN STRAW, COVER WITH NETTING AND STAPLE TO THE SLOPE.

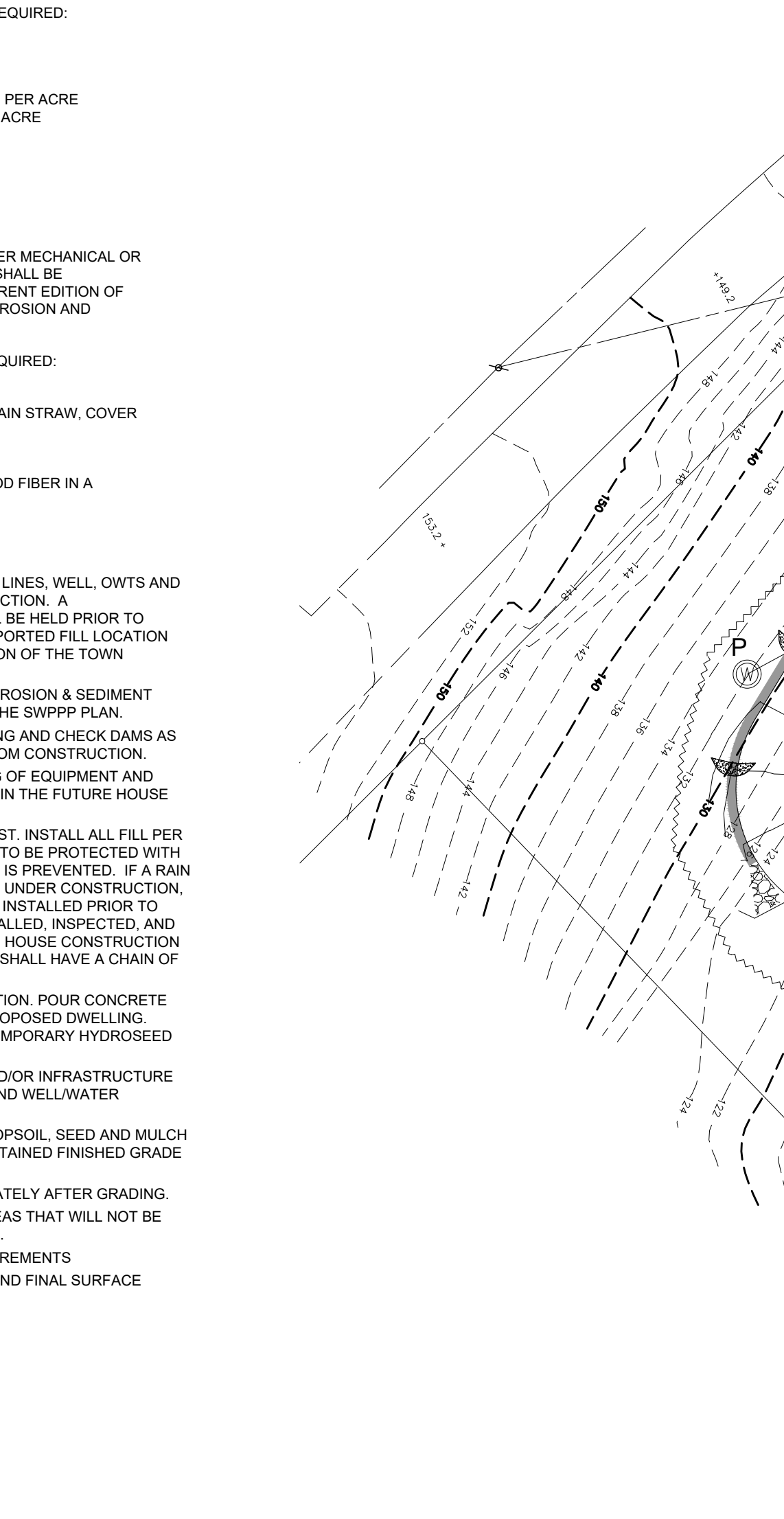
SPRING OR EARLY FALL  
APPLY AT A RATE OF 45 LBS/1,000 SQ.FT. WOOD FIBER IN A HYDRO SEEDER SLURRY.

**CONSTRUCTION SEQUENCE:**

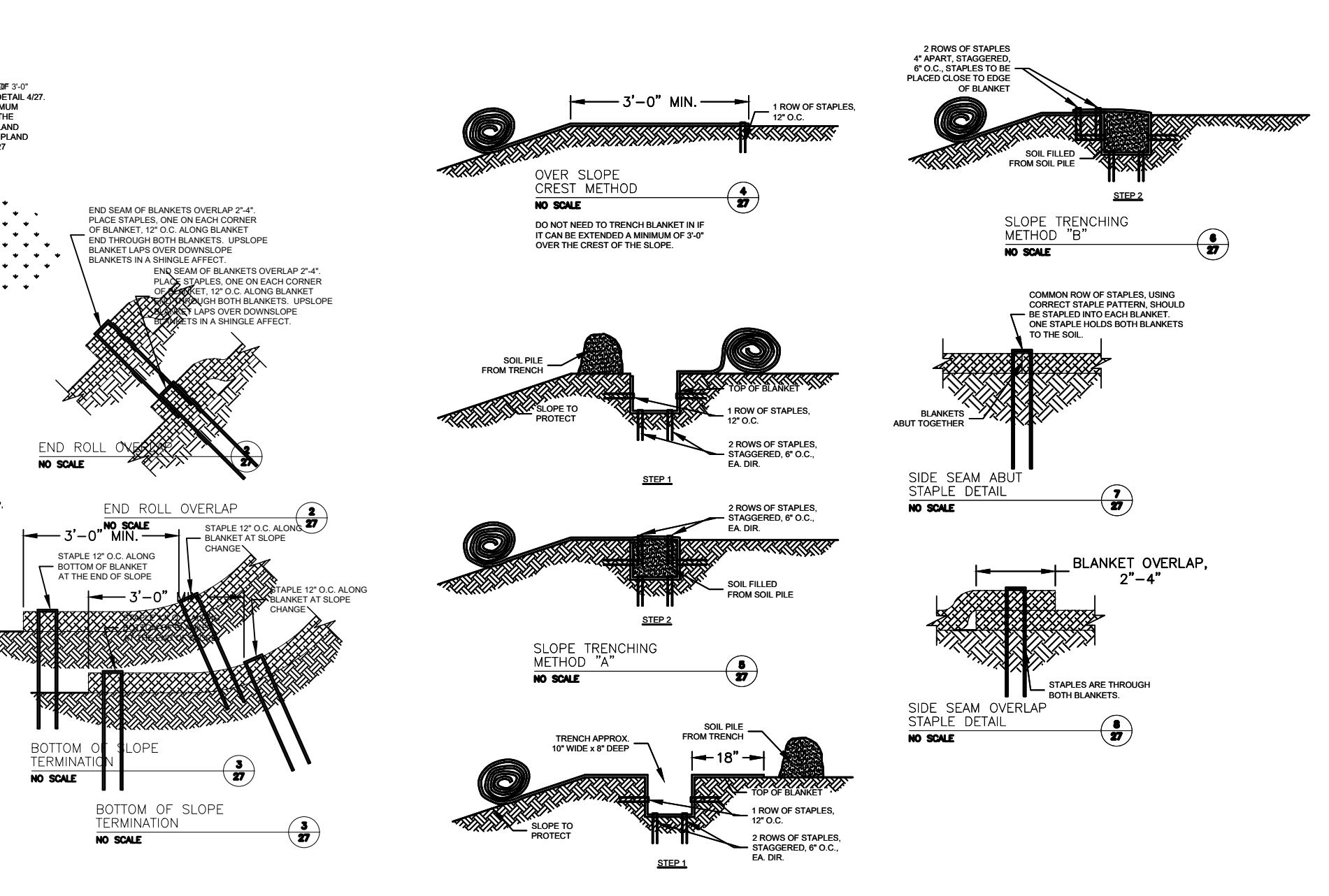
- A NYSL SHALL STAKE ALL PROPERTY LINES, WELL, OWTS AND HOUSE LOCATION PRIOR TO CONSTRUCTION. A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO CONSTRUCTION AND FILL IMPORT. IMPORTED FILL LOCATION TO BE IDENTIFIED TO THE SATISFACTION OF THE TOWN ENGINEER.
- INSTALL AND STABILIZE TEMPORARY EROSION & SEDIMENT CONTROL MEASURES AS SHOWN ON THE SWPPP PLAN.
- INSTALL DIVERSION SWALE WITH LINING AND CHECK DAMS AS SHOWN. TO DIVERT RUNOFF AWAY FROM CONSTRUCTION.
- GRADE DRIVEWAY TO ALLOW STAGING OF EQUIPMENT AND MATERIAL FOR OWTS CONSTRUCTION IN THE FUTURE HOUSE FOUNDATION AREA.
- BEGIN OWTS SITE CONSTRUCTION FIRST. INSTALL ALL FILL PER APPROVED OWTS PLAN. ALL SLOPES TO BE PROTECTED WITH JUTE MESH TO ENSURE SOIL EROSION IS PREVENTED. IF A RAIN EVENT IS FORECAST WHILE FILLPAD IS UNDER CONSTRUCTION, TEMPORARY ESC JUTE MESH IS TO BE INSTALLED PRIOR TO RAIN EVENT. ONCE THE OWTS IS INSTALLED, INSPECTED, AND STABILIZED WITH SLOPE PROTECTION, HOUSE CONSTRUCTION CAN BEGIN. ALL IMPORTED MATERIAL SHALL HAVE A CHAIN OF CUSTODY.
- BEGIN HOUSE FOUNDATION PREPARATION. POUR CONCRETE FOOTINGS AND FOUNDATIONS FOR PROPOSED DWELLING. STABILIZE FOUNDATION AREA WITH TEMPORARY HYDROSEED OR JUTE MESH.
- INSTALL REMAINING SITE UTILITIES AND/OR INFRASTRUCTURE INCLUDING SEWAGE EFFLUENT LINE AND WELL/WATER SERVICE.
- FINAL GRADE AROUND HOUSE SITE, TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS THAT HAVE OBTAINED FINISHED GRADE ELEVATIONS.
- PROVIDE SLOPE PROTECTION IMMEDIATELY AFTER GRADING. SEED AND MULCH ALL DISTURBED AREAS THAT WILL NOT BE RE-DISTURBED FOR AT LEAST 14 DAYS.
- FINALIZE ANY BUILDING PERMIT REQUIREMENTS.
- FINALIZE DRIVEWAY CONSTRUCTION AND FINAL SURFACE TREATMENT.
- OBTAIN C.O. FROM TOWN.



**TYPICAL SLOPE PROTECTION**  
NOT TO SCALE



**EROSION CONTROL PLAN**  
SCALE: 1" = 30'



**GENERAL LEGEND**



IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

Brian J. Stokosa, PE	
Revisions	
Project No.	2024.000
	License No. 083970

**DAY STOKOSA ENGINEERING P.C.**

3 Van Wyck Lane  
Wappingers Falls, New York 12590  
(845)-223-3202

PROJECT: ANCHORAGE-ON-HUDSON - LOT #2  
Town of Newburgh, Orange County, New York

**CONSTRUCTION DETAILS**

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	<b>3</b>
DATE	CHECKED BY	
10-17-24	BJS	3 of 3

**TOWN OF NEWBURGH PB APPROVAL BOX**