

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  
Anthony Federice  
Nicole Sedran

**ENVIRONMENTAL CONSERVATION BOARD AGENDA**

**NOVEMBER 3, 2022 – 7:30 P.M.**

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

<b><u>APPLICANT</u></b>	<b><u>ADDRESS</u></b>	<b><u>TAX MAP #</u></b>	<b><u>COMMENTS</u></b>
1. Boehm, Austin	65 Hazel Hill Road	76.20-1-8	Renovate Existing House On Same Footprint

**MISCELLANEOUS**

2. Minutes – 10/06/22 & 10/20/22

Austin Boehm  
65 Hazel Hill Road  
Mahopac NY, 10541  
646-258-2166

To the Town of Carmel Environmental Conservation Board,

This document is a project narrative which describes the proposed scope of work, the order in which it will be performed and the reasons for the Wetland Permit Applications, as per the criteria outlined in 62-1 of the Town Code for 672 Union Valley Road, Mahopac, NY (Tax Map 76.20-1-8)

### Scope of Work

The existing 2-bedroom structure will be partially demolished and renovated into a 2-bedroom residence on the same footprint. The current non-functional sewage treatment system will be repaired as per PCHD Permit #R-180-22 issued 8/26/2022.

### Order of Work to Be Performed

1. Obtain Wetland Permit, SWPPP and other applicable required permits
2. Apply for 2023 Lower Hudson Partnership for Regional Invasive Species Management Control Project, Fall 2023 DEC Trees for Tribes streamwide buffer program
3. Flag the work limits and mark trees to be removed
4. Hold pre-construction conference with involved agencies at least one week prior to starting construction activity
5. Install silt fence, stabilized construction entrance, and sediment controls
6. Clear and grub anticipated work area
7. Rough grade site, stockpile topsoil, grade/install drainage and inlet/outlet protection, maintain soil stabilization of exposed soils
8. Perform demolition activities and remove construction debris
9. Construct house and install site utilities
10. Complete final grading of driveway and house site
11. Prepare site for final stabilization; pave, or dress with gravel, the driveway
12. Site visit by DEC Trees for Tribes and Lower Hudson PRISM for native buffer plantings and invasive species management
13. Prepare any remaining lawn areas with permanent native grass seed mix; dress stone channels and aprons with fresh rip-rap; dress planting beds, trees and shrubs with shredded hardwood
14. Once final stabilization has been achieved, remove all erosion and sediment controls. Rake, seed and mulch areas disturbed from silt fence removal.

## Reasons for Wetland Permit Applications

As part of preconferences for other construction permits, a member of the Town of Carmel Engineering Department provided notice that renovation of a house on this property would require a wetland permit, which initiated this application.

The house on which construction will take place is located within 100 feet of an intermittent brook. Including disturbance within the footprint of the house, a proposed limit of 9,190 sq ft of soil disturbance will take place on the property, with up to 4,450 sq ft of soil disturbance within 100 feet of the wetland boundary.

The repaired septic system will be installed outside of the 100 foot wetland boundary.

There will be no soil disturbance within the wetland areas.

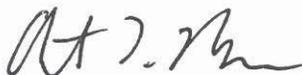
The topography of the site will be maintained.

The specific activities listed in Code 89-4.B of the Town Code which require this permit application are:

- (1) Depositing directly or indirectly, or permitting to be deposited, or removing or permitting to be removed, excavating, mining, dredging or filling, any material, debris, chemical waste or effluent.
- (2) Constructing or permitting to be constructed any building or structure or part thereof of any kind, including roads and dwellings.
- (8) Introducing any form of pollution, including but not limited to installing a septic tank or a storm drain, running a sewer or industrial outfall into a wetland or water body, discharging sewage treatment effluent or other liquid wastes directly into or so to drain into a freshwater wetland or adjacent area.

The permit application form and this project narrative was composed by Austin Boehm, the owner of the property, who will oversee all aspects of the project. I thank you for your consideration of this application and look forward to supporting any recommendations by the Board to ensure this project maintains our town's natural resources.

With appreciation,



Austin Boehm

ROBERT LAGA  
Chairman

NICHOLAS FANNIN  
Vice Chairman

RICHARD FRANZETTI  
Wetland Inspector

ROSE TROMBETTA  
Secretary

**TOWN OF CARMEL**  
**ENVIRONMENTAL CONSERVATION BOARD**



60 McAlpin Avenue  
Mahopac, New York 10541  
Tel. (845) 628-1500 - Ext. 190  
www.ci.carmel.ny.us

BOARD MEMBERS

Edward Barnett  
Anthony Federice  
Nicole Sedran

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

**Name of Applicant:** Austin Boehm

**Address of Applicant:** 65 Hazel Hill Road, Mahopac NY      **Email:** boehm.austin@gmail.com

**Telephone#** 646-258-2166      **Name and Address of Owner if different from Applicant:** \_\_\_\_\_

**Property Address:** 672 Union Valley Road, Mahopac NY      **Tax Map #** 76.20-1-8

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

**Location of Wetland:** Brook (Intermittent) flows through southwest corner of property, to west of project area

**Size of Work Section & Specific Location:** 9,190 sq ft at southeast corner of property, adjacent to Union Valley Rd

**Will Project Utilize State Owned Lands? If Yes, Specify:** \_\_\_\_\_

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

The existing 2 bedroom structure will be partially demolished and renovated into a 2 bedroom residence on the same footprint.

The sewage treatment system will be repaired as per PCHD Permit #R-180-22 issued 8/26/2022

**Proposed Start Date:** 12/15/2022      **Anticipated Completion Date:** 12/14/2024      **Fee Paid \$** 1,000.00

\*\*\*\*\*

**CERTIFICATION**

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

SIGNATURE

11/1/2022

DATE

# Short Environmental Assessment Form

## Part 1 - Project Information

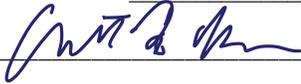
### Instructions for Completing

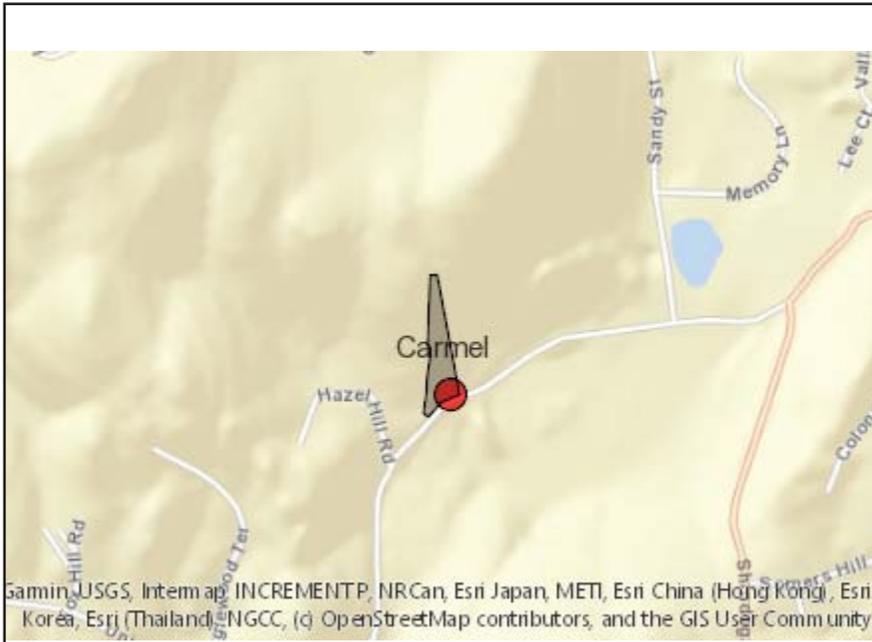
**Part 1 – Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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>			
Austin Boehm			
Name of Action or Project: Boehm Residence Renovation			
Project Location (describe, and attach a location map): 672 Union Valley Road, Mahopac NY			
Brief Description of Proposed Action: The existing structure, a 2-bedroom residence, will be renovated into a 2-bedroom residence. The current non-functional sewage treatment system will be repaired as per PCHD Permit #R-180-22 issued 8/26/2022.			
Name of Applicant or Sponsor: Austin Boehm		Telephone: 646-258-2166	
		E-Mail: boehm.austin@gmail.com	
Address: 65 Hazel Hill Road			
City/PO: Mahopac		State: NY	Zip Code: 10541
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.		NO <input type="checkbox"/>	YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: PCHD/NYSDEP septic Repair Permit #R-180-22 issued 8/26/2022 NYS DEC SWPPP submission ID HPN-G7DS-5P1GF; pending		NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action? _____ 3.4873 acres			
b. Total acreage to be physically disturbed? _____ 0.2 acres			
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 3.4873 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 checked="" type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			

5. Is the proposed action,	NO	YES	N/A
a. A permitted use under the zoning regulations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
b. Are public transportation services available at or near the site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO <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: _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ The current non-functional sewage treatment system will be repaired as per PCHD Permit #R-180-22 issued 8/26/2022 _____	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?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Northern Long-eared Bat	NO	YES
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Is the project site located in the 100-year flood plan?	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, 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: _____ _____	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<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	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"/>
<b>I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b>  Applicant/sponsor/name: <u>Austin Boehm</u> Date: <u>10/23/2022</u> Signature: <u></u> 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]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Northern Long-eared Bat
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

PUTNAM COUNTY HEALTH DEPARTMENT  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES

07/21/22  
CP

**PROPOSAL FOR SEWAGE TREATMENT SYSTEM REPAIR**

Permit fee of \$150.00 certified bank check or money order required

2 Bedroom

YES	NO	Internal Use Only	PERMIT #
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Repair Permit issued in last 5 years	<u>R-180-22</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Repair within Boyd's Corners, W. Branch or Croton Falls Res.	<input type="checkbox"/> Not in Watershed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Repair within 200 ft. of a watercourse or DEC-mapped wetland	<input type="checkbox"/> Delegated
			<input type="checkbox"/> Joint Review

SITE LOCATION 672 UNION VALLEY RD TOWN CARMEL TM # 76.20-1-8  
 OWNER'S NAME AUSTIN BOEHM PHONE # (646) 258-2166  
 MAILING ADDRESS 65 HAZEL HILL ROAD MAHOPAC, NY 10541  
 APPLICANT AUSTIN BOEHM - OWNER/APPLICANT  
Name & Relationship (i.e., owner, tenant, contractor)

DATE 06/24/22 FACILITY TYPE RESIDENCE PCHD COMPLAINT # —  
 PROPOSED INSTALLER (TSD) LEONARDI AND SON CONSTRUCTION PHONE # 914 980 3554  
 ADDRESS 61 TORCHIA RD. COLD SPRING, NY 10516 REGISTRATION / LICENSE # 1031

Proposal (include a separate sketch locating the house, property lines, all adjacent wells within 200 feet of repair and the location of existing and proposed system)

NOTE: The Department may require submittal of proposal from licensed professional depending on the nature and extent of the repair.

1,000 PRECAST CONCRETE SEPTIC TANK, SIX (6) "ARC 24" GALLON INFILTRATORS

I, as owner, agree to the conditions stated on this form

SIGNATURE [Signature] TITLE OWNER/APPLICANT DATE 7/15/22  
 (owner)

I, the septic installer, agree to comply with the conditions of this permit for the septic system repair

SIGNATURE [Signature] TITLE PROF DATE 7-21-22  
 (installer)

Proposal approved with the following conditions:

- Procurement of any Town Permit, if applicable.
- Submission of as built repair sketch by the septic system installer within 30 days of the repair, in duplicate showing:
  - Owner's name, Site Street Name, Town and Tax Map number
  - Location of installed components tied to two fixed points
  - System description (e.g., 1250 gal. Concrete septic tank, etc.)
  - Installers' name and phone number
- System repair to be performed in accordance with the above proposal and conditions
- The proposed SSTS repair is considered a best fit design and there is no guarantee to the duration at which the completed SSTS repair will function.
- No completed work is to be backfilled until authorization to do so has been obtained from the Department.

INTERNAL USE ONLY	
Proposal Approved <input checked="" type="checkbox"/>	Proposal Denied <input type="checkbox"/>
<u>[Signature]</u> APHE	<u>[Signature]</u>
Inspector's Signature & Title	Date
Revisions:	Expiration Date
Inspector's Initials	Date
COPIES: PCHD; Owner; Installer	

# NOI for coverage under Stormwater General Permit for Construction Activity

version 1.35

(Submission #: HPN-G7DS-5P1GF, version 1)

## Details

---

**Originally Started By** Jason Snyder  
**Alternate Identifier** Boehm Residence  
**Submission ID** HPN-G7DS-5P1GF  
**Submission Reason** New  
**Status** Draft

## Form Input

---

### Owner/Operator Information

**Owner/Operator Name (Company/Private Owner/Municipality/Agency/Institution, etc.)**

Austin Boehm

**Owner/Operator Contact Person Last Name (NOT CONSULTANT)**

Boehm

**Owner/Operator Contact Person First Name**

Austin

**Owner/Operator Mailing Address**

65 Hazel Hill Road

**City**

Mahopac

**State**

NY

**Zip**

10541

**Phone**

(646) 258-2166

**Email**

boehm.austin@gmail.com

**Federal Tax ID**

NONE PROVIDED

**Project Location****Project/Site Name**

Boehm Residence

**Street Address (Not P.O. Box)**

672 Union Valley Road

**Side of Street**

North

**City/Town/Village (THAT ISSUES BUILDING PERMIT)**

Town of Carmel

**State**

NY

**Zip**

10541

**DEC Region**

3

**County**

PUTNAM

**Name of Nearest Cross Street**

Hazel Hill Road

**Distance to Nearest Cross Street (Feet)**

600

**Project In Relation to Cross Street**

West

**Tax Map Numbers Section-Block-Parcel**

76.20-1-8

**Tax Map Numbers**

NONE PROVIDED

**1. Coordinates**

---

Provide the Geographic Coordinates for the project site. The two methods are:

- Navigate to the project location on the map (below) and click to place a marker and obtain the XY coordinates.
- The "Find Me" button will provide the lat/long for the person filling out this form. Then pan the map to the correct location and click the map to place a marker and obtain the XY coordinates.

**Navigate to your location and click on the map to get the X,Y coordinates**

41.361162,-73.7002289

672 Union Valley Rd, Mahopac, NY 10541, USA

**Project Details**

**2. What is the nature of this project?**

Redevelopment with no increase in impervious area

**3. Select the predominant land use for both pre and post development conditions.**

**Pre-Development Existing Landuse**

Single Family Home

**Post-Development Future Land Use**

Single Family Home

**3a. If Single Family Subdivision was selected in question 3, enter the number of subdivision lots.**

NONE PROVIDED

---

4. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage)within the disturbed area.

\*\*\* ROUND TO THE NEAREST TENTH OF AN ACRE. \*\*\*

**Total Site Area (acres)**

3.4873

**Total Area to be Disturbed (acres)**

0.2

**Existing Impervious Area to be Disturbed (acres)**

0

**Future Impervious Area Within Disturbed Area (acres)**

0

**5. Do you plan to disturb more than 5 acres of soil at any one time?**

No

---

**6. Indicate the percentage (%) of each Hydrologic Soil Group(HSG) at the site.**

**A (%)**

0

**B (%)**

64

**C (%)**

22

**D (%)**

14

**7. Is this a phased project?**

No

**8. Enter the planned start and end dates of the disturbance activities.**

**Start Date**

11/01/2022

**End Date**

10/31/2023

**9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.**

Unnamed tributary of Croton Falls Reservoir

**9a. Type of waterbody identified in question 9?**

Stream/Creek Off Site

**Other Waterbody Type Off Site Description**

NONE PROVIDED

**9b. If "wetland" was selected in 9A, how was the wetland identified?**

NONE PROVIDED

**10. Has the surface waterbody(ies in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001?**

No

**11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001?**

Yes

**12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters?**

No

**If No, skip question 13.**

**13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as D (provided the map unit name is inclusive of slopes greater than 25%), E or F on the USDA Soil Survey?**

NONE PROVIDED

**If Yes, what is the acreage to be disturbed?**

NONE PROVIDED

**14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?**

No

**15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)?**

Yes

**16. What is the name of the municipality/entity that owns the separate storm sewer system?**

NONE PROVIDED

**17. Does any runoff from the site enter a sewer classified as a Combined Sewer?**

No

**18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law?**

No

**19. Is this property owned by a state authority, state agency, federal government or local government?**

No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.)

No

## Required SWPPP Components

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)?

Yes

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)?

No

If you answered No in question 22, skip question 23 and the Post-construction Criteria and Post-construction SMP Identification sections.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual?

NONE PROVIDED

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

Professional Engineer (P.E.)

### **SWPPP Preparer**

Badey & Watson, Surveying & Engineering, D.P.C.

### **Contact Name (Last, Space, First)**

Snyder, Jason R.

### **Mailing Address**

3063 Route 9

### **City**

Cold Spring

### **State**

NY

### **Zip**

10516

### **Phone**

(845) 265-9217

**Email**

jsnyder@badey-watson.com

**Download SWPPP Preparer Certification Form**

Please take the following steps to prepare and upload your preparer certification form:

- 1) Click on the link below to download a blank certification form
- 2) The certified SWPPP preparer should sign this form
- 3) Scan the signed form
- 4) Upload the scanned document

[Download SWPPP Preparer Certification Form](#)

**Please upload the SWPPP Preparer Certification**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Erosion & Sediment Control Criteria**

**25. Has a construction sequence schedule for the planned management practices been prepared?**

Yes

**26. Select all of the erosion and sediment control practices that will be employed on the project site:**

**Temporary Structural**

Silt Fence

Stabilized Construction Entrance

Straw/Hay Bale Dike

**Biotechnical**

None

**Vegetative Measures**

Mulching

Protecting Vegetation

Seeding

Topsoiling

**Permanent Structural**

Retaining Wall

Land Grading

**Other**

NONE PROVIDED

## **Post-Construction Criteria**

**\* IMPORTANT: Completion of Questions 27-39 is not required if response to Question 22 is No.**

**27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.**

NONE PROVIDED

**27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).**

NONE PROVIDED

**28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout). (Acre-feet)**

NONE PROVIDED

### **29. Post-construction SMP Identification**

Use the Post-construction SMP Identification section to identify the RR techniques (Area Reduction), RR techniques (Volume Reduction) and Standard SMPs with RRv Capacity that were used to reduce the Total WQv Required (#28).

Identify the SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use the Post-Construction SMP Identification section to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

**30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29. (acre-feet)**

NONE PROVIDED

**31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28)?**

NONE PROVIDED

**If Yes, go to question 36. If No, go to question 32.**

**32. Provide the Minimum RRv required based on HSG. [Minimum RRv Required = (P) (0.95) (Ai) / 12, Ai=(s) (Aic)] (acre-feet)**

NONE PROVIDED

**32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?**

NONE PROVIDED

**If Yes, go to question 33.**

Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

**33. SMPs**

Use the Post-construction SMP Identification section to identify the Standard SMPs and, if applicable, the Alternative SMPs to be used to treat the remaining total WQv (=Total WQv Required in #28 - Total RRv Provided in #30).

Also, provide the total impervious area that contributes runoff to each practice selected.

NOTE: Use the Post-construction SMP Identification section to identify the SMPs used on Redevelopment projects.

**33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question #29. (acre-feet)**

NONE PROVIDED

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - provided by the practice. (See Table 3.5 in Design Manual)

**34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a).**

NONE PROVIDED

**35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)?**

NONE PROVIDED

If Yes, go to question 36.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

**36. Provide the total Channel Protection Storage Volume (CPv required and provided or select waiver (#36a), if applicable.**

**CPv Required (acre-feet)**  
NONE PROVIDED

**CPv Provided (acre-feet)**  
NONE PROVIDED

**36a. The need to provide channel protection has been waived because:**  
NONE PROVIDED

**37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (#37a), if applicable.**

**Overbank Flood Control Criteria (Qp)**

**Pre-Development (CFS)**  
NONE PROVIDED

**Post-Development (CFS)**  
NONE PROVIDED

**Total Extreme Flood Control Criteria (Qf)**

**Pre-Development (CFS)**  
NONE PROVIDED

**Post-Development (CFS)**  
NONE PROVIDED

**37a. The need to meet the Qp and Qf criteria has been waived because:**  
NONE PROVIDED

**38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed?**  
NONE PROVIDED

**If Yes, Identify the entity responsible for the long term Operation and Maintenance**  
NONE PROVIDED

**39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). (See question #32a) This space can also be used for other pertinent project information.**  
NONE PROVIDED

## **Post-Construction SMP Identification**

**Runoff Reduction (RR) Techniques, Standard Stormwater Management Practices (SMPs) and Alternative SMPs**

Identify the Post-construction SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

### **RR Techniques (Area Reduction)**

---

Round to the nearest tenth

**Total Contributing Acres for Conservation of Natural Area (RR-1)**

NONE PROVIDED

**Total Contributing Impervious Acres for Conservation of Natural Area (RR-1)**

NONE PROVIDED

**Total Contributing Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)**

NONE PROVIDED

**Total Contributing Impervious Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)**

NONE PROVIDED

**Total Contributing Acres for Tree Planting/Tree Pit (RR-3)**

NONE PROVIDED

**Total Contributing Impervious Acres for Tree Planting/Tree Pit (RR-3)**

NONE PROVIDED

**Total Contributing Acres for Disconnection of Rooftop Runoff (RR-4)**

NONE PROVIDED

### **RR Techniques (Volume Reduction)**

---

**Total Contributing Impervious Acres for Disconnection of Rooftop Runoff (RR-4)**

NONE PROVIDED

**Total Contributing Impervious Acres for Vegetated Swale (RR-5)**

NONE PROVIDED

**Total Contributing Impervious Acres for Rain Garden (RR-6)**

NONE PROVIDED

**Total Contributing Impervious Acres for Stormwater Planter (RR-7)**

NONE PROVIDED

**Total Contributing Impervious Acres for Rain Barrel/Cistern (RR-8)**

NONE PROVIDED

**Total Contributing Impervious Acres for Porous Pavement (RR-9)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Green Roof (RR-10)**  
NONE PROVIDED

**Standard SMPs with RRv Capacity**

---

**Total Contributing Impervious Acres for Infiltration Trench (I-1)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Infiltration Basin (I-2)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Dry Well (I-3)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Underground Infiltration System (I-4)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Bioretention (F-5)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Dry Swale (O-1)**  
NONE PROVIDED

**Standard SMPs**

---

**Total Contributing Impervious Acres for Micropool Extended Detention (P-1)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Wet Pond (P-2)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Wet Extended Detention (P-3)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Multiple Pond System (P-4)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Pocket Pond (P-5)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Surface Sand Filter (F-1)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Underground Sand Filter (F-2)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Perimeter Sand Filter (F-3)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Organic Filter (F-4)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Shallow Wetland (W-1)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Extended Detention Wetland (W-2)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Pond/Wetland System (W-3)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Pocket Wetland (W-4)**  
NONE PROVIDED

**Total Contributing Impervious Acres for Wet Swale (O-2)**  
NONE PROVIDED

**Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR  
PRETREATMENT ONLY)**

---

**Total Contributing Impervious Area for Hydrodynamic**  
NONE PROVIDED

**Total Contributing Impervious Area for Wet Vault**  
NONE PROVIDED

**Total Contributing Impervious Area for Media Filter**  
NONE PROVIDED

**"Other" Alternative SMP?**  
NONE PROVIDED

**Total Contributing Impervious Area for "Other"**  
NONE PROVIDED

**Provide the name and manufacturer of the alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.**

**Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv**

provided for the project.

**Manufacturer of Alternative SMP**

NONE PROVIDED

**Name of Alternative SMP**

NONE PROVIDED

**Other Permits**

**40. Identify other DEC permits, existing and new, that are required for this project/facility.**

None

**If SPDES Multi-Sector GP, then give permit ID**

NONE PROVIDED

**If Other, then identify**

NONE PROVIDED

**41. Does this project require a US Army Corps of Engineers Wetland Permit?**

No

**If "Yes," then indicate Size of Impact, in acres, to the nearest tenth**

NONE PROVIDED

**42. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.**

NONE PROVIDED

**MS4 SWPPP Acceptance**

**43. Is this project subject to the requirements of a regulated, traditional land use control MS4?**

Yes - Please attach the MS4 Acceptance form below

**If No, skip question 44**

**44. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?**

Yes

**MS4 SWPPP Acceptance Form Download**

Download form from the link below. Complete, sign, and upload.

[MS4 SWPPP Acceptance Form](#)

**MS4 Acceptance Form Upload**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Owner/Operator Certification**

**Owner/Operator Certification Form Download**

Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.

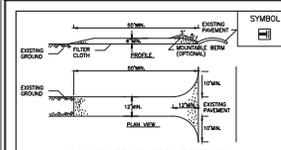
[Owner/Operator Certification Form \(PDF, 45KB\)](#)

**Upload Owner/Operator Certification Form**

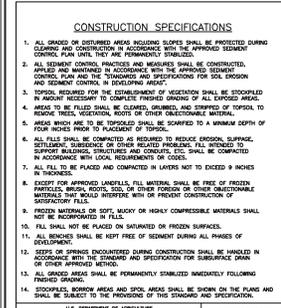
NONE PROVIDED

**Comment**

NONE PROVIDED



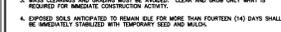
1. STONE SIZE - USE 2" STONE, OR REPLACEMENT OF RECYCLED CONCRETE EQUIVALENT...



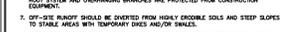
1. ALL GRASS OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CONSTRUCTION...



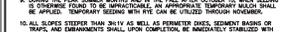
1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL SEEDMENT CONTROL SYSTEM SHALL BE INSTALLED...



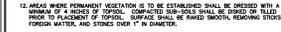
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



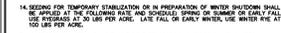
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



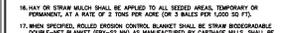
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



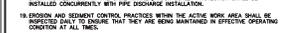
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



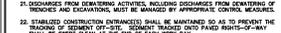
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



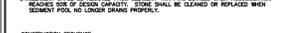
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



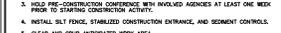
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



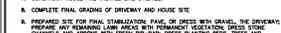
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



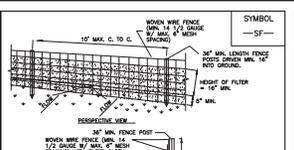
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



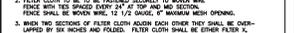
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



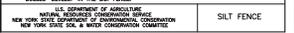
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



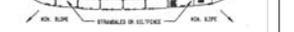
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



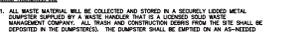
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



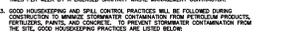
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



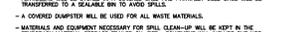
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



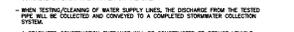
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



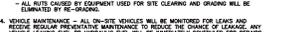
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



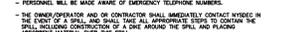
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



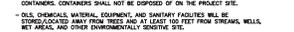
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



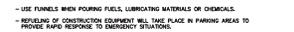
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



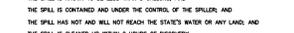
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



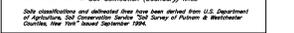
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



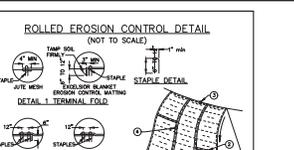
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



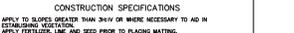
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



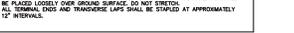
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



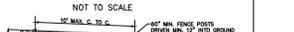
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



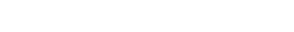
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



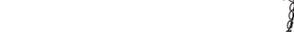
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



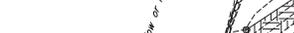
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



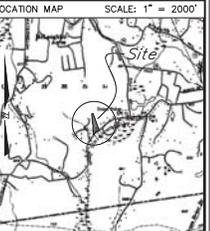
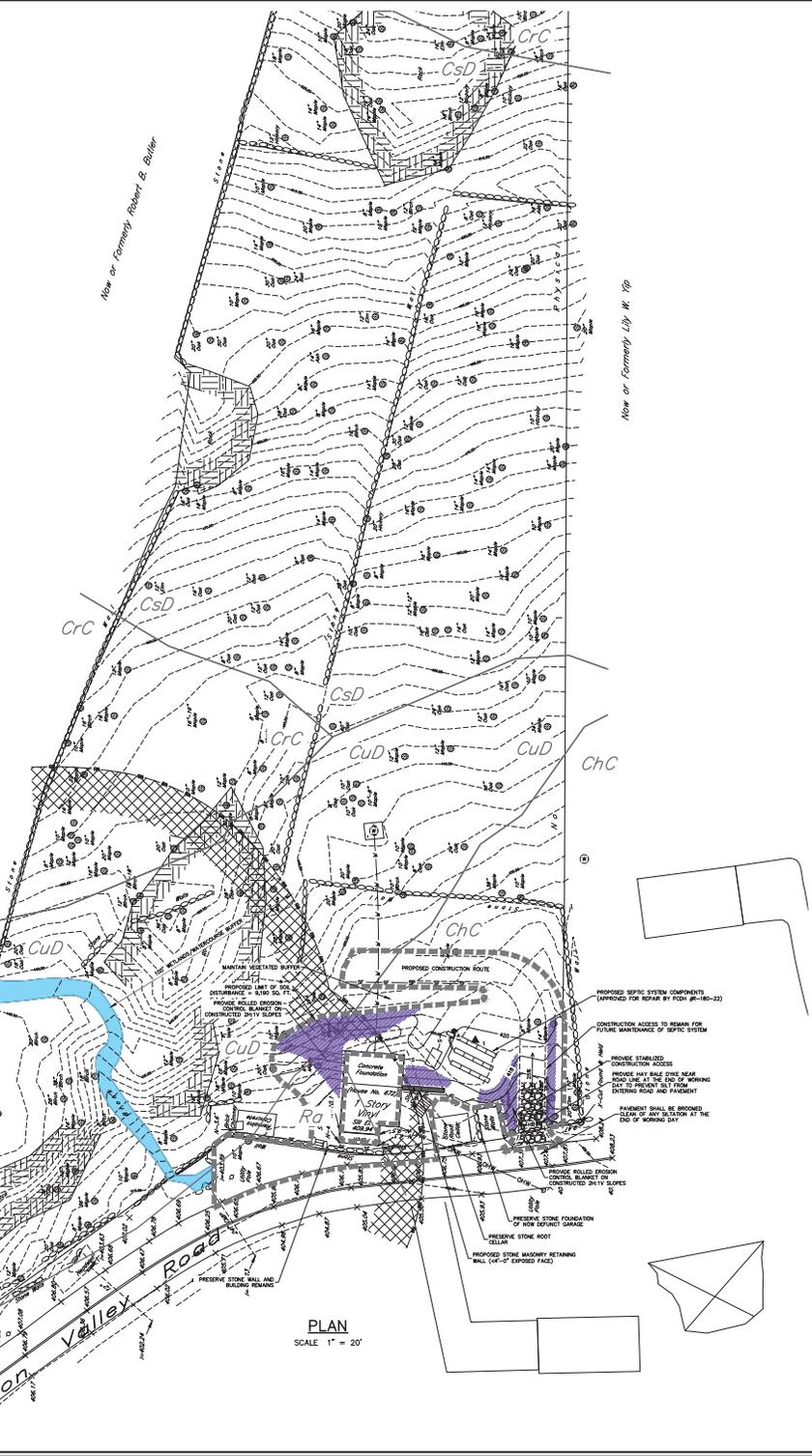
1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SEPARATE LOCKED MATERIAL STORAGE AREA...



SITE DATA: TAX MAP NO. 76.20 - 1 - 8, LOT AREA: 3.472 ACRES (150,805 SQ. FT.)

MAP NOTES: 1. The vertical datum shown is North American Vertical Datum of 1988.

Table with columns: DATE, REVISIONS, DESCRIPTION

Table with columns: LEGEND, SYMBOL, DESCRIPTION

WARNING STAMP: ALTERATION OF THIS DOCUMENT IN ANY WAY BY ANY PERSON NOT UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER...

PROJECT LOCATION: 672 UNION VALLEY ROAD, MAHO PAC, NJ 07041

PROJECT DESCRIPTION: RENOVATION OF AN EXISTING SINGLE-FAMILY RESIDENCE TO BE SERVED BY AN EXISTING SEPTIC SYSTEM...

PREPARED FOR: AUSTIN BOEHM, 65 HAZEL HILL ROAD, MAHO PAC, NJ 07041

BASIC STORMWATER POLLUTION PREVENTION PLAN (E&S) ONLY

SCALE: 1" = 20'

PRINTED: October 28, 2022

BADY & WATSON: Survey & Engineering, P.C.

PROJECT AREA BY BACE & WATSON, SURVEYING & ENGINEERING, P.C.

SHEET 1 OF 1