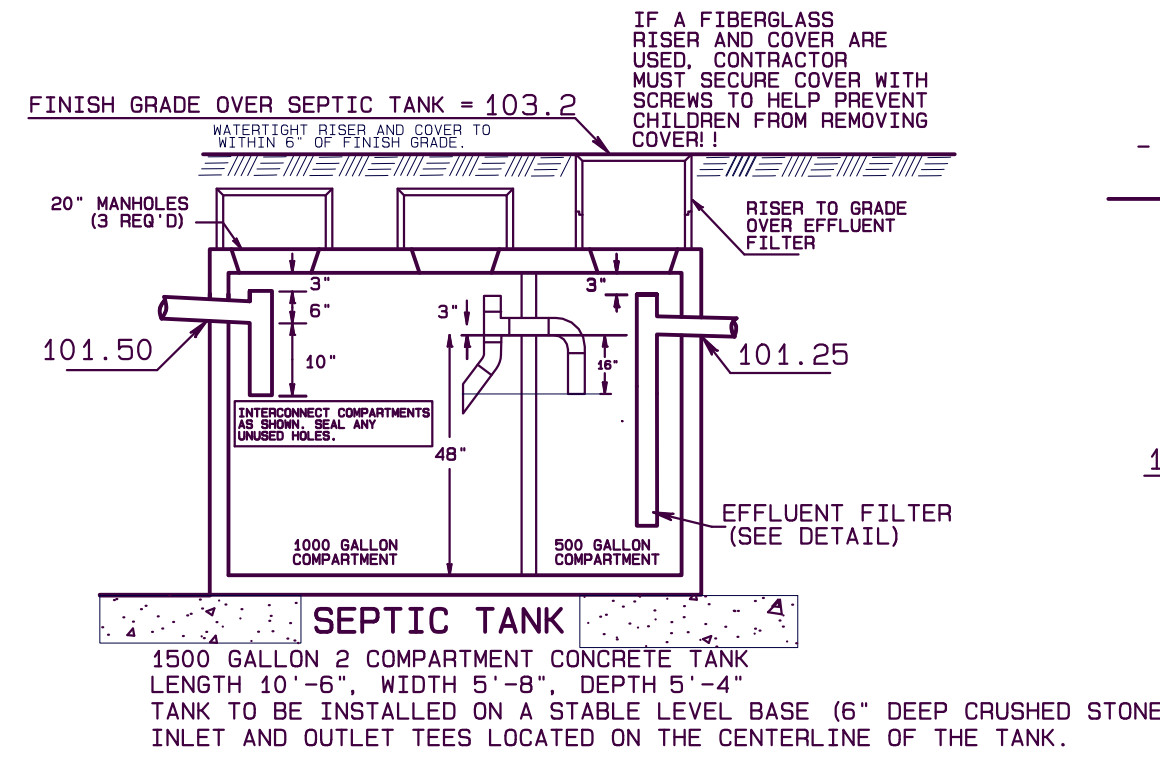
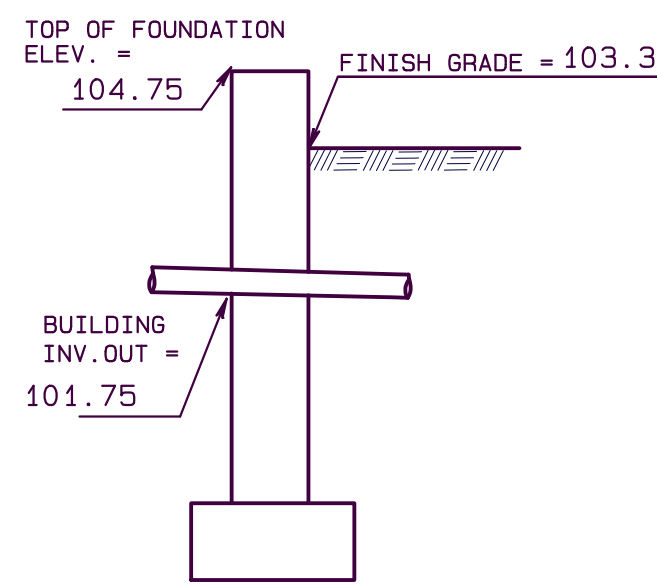
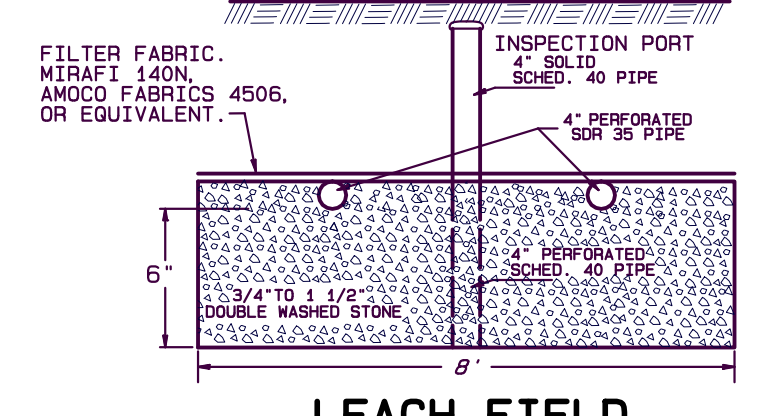
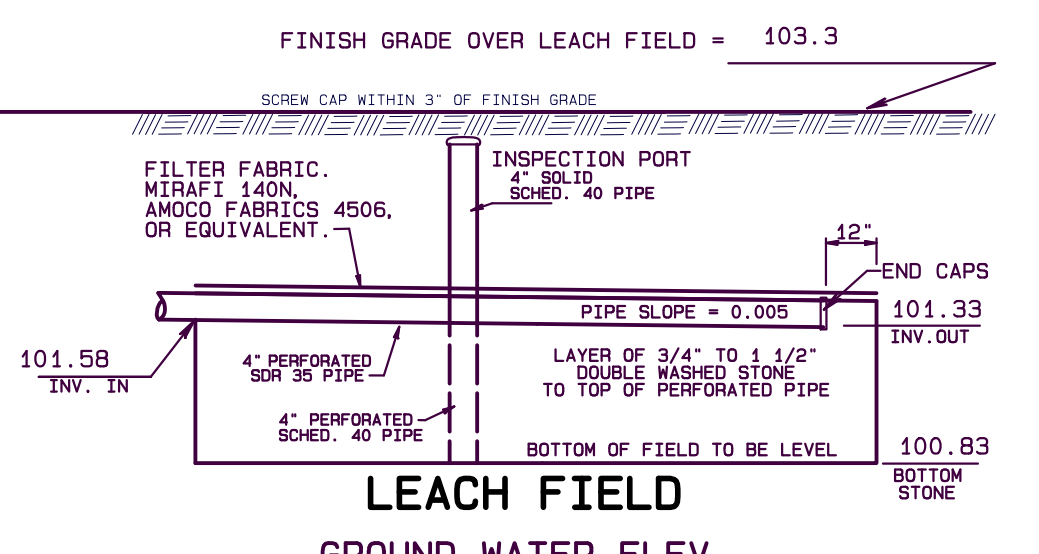
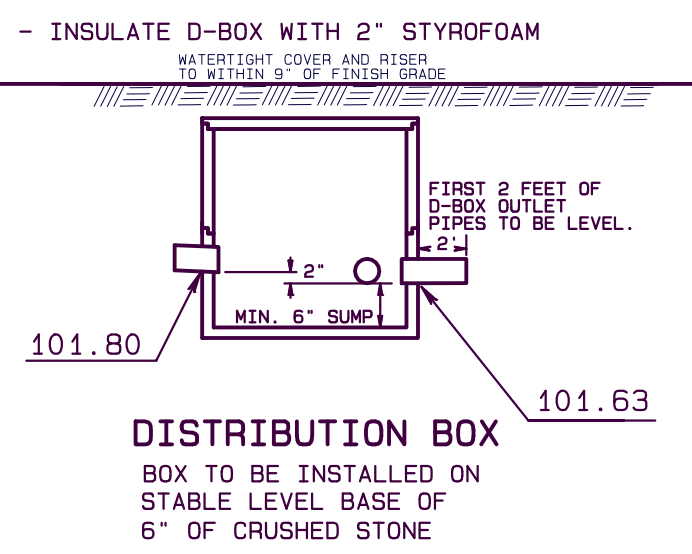


SANITARY SYSTEM PROFILE

NOT TO SCALE



ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED. PER 15.221: (12)



TEST PIT DATA

BOARD OF HEALTH WITNESS: THOMAS LEVE
DATE: AUGUST 27, 2020
SOIL EVALUATOR: SHAWN K. KIMBERLEY

PERC TEST ID	PERC RATE (MIN/IN)	PERC DEPTH (IN)
1	15	38
2	6	35

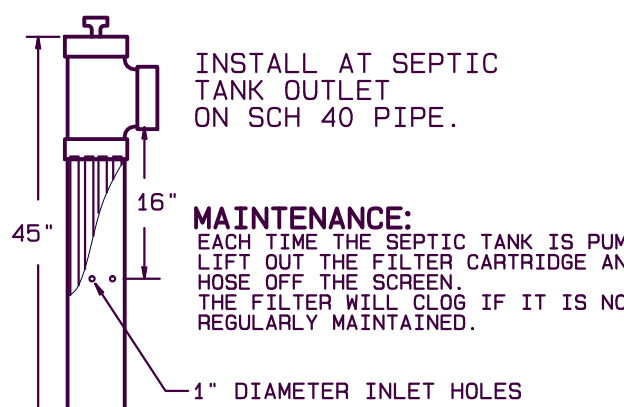
TEST PIT # 1	TEST PIT # 2	TEST PIT # 3	TEST PIT # 4
ELEV. TOP = 99.50	ELEV. TOP = 99.79	ELEV. TOP = 100.48	ELEV. TOP = 99.60
ESHWT = 95.50	ESHWT = 97.12	ESHWT = 96.81	ESHWT = 95.77
OBS. H2O = NONE	OBS. H2O = NONE	OBS. H2O = NONE	OBS. H2O = NONE
BOTTOM = 91.33	BOTTOM = 91.46	BOTTOM = 92.48	BOTTOM = 90.60
HORIZON A SANDY LOAM 10YR 3/3	HORIZON A SANDY LOAM 10YR 3/3	HORIZON A SANDY LOAM 10YR 3/3	HORIZON A SANDY LOAM 10YR 3/3
HORIZON Bw LOAMY SAND 10YR 7/4	HORIZON Bw LOAMY SAND 10YR 7/4	HORIZON Bw LOAMY SAND 10YR 7/4	HORIZON Bw LOAMY SAND 10YR 7/4
HORIZON C LOAMY SAND 10YR 5/6	HORIZON C LOAMY SAND 10YR 5/6	HORIZON C LOAMY SAND 10YR 5/6	HORIZON C LOAMY SAND 10YR 5/6
∇ E.S.H.W.T.	∇ E.S.H.W.T.	∇ E.S.H.W.T.	∇ E.S.H.W.T.

NOTES:

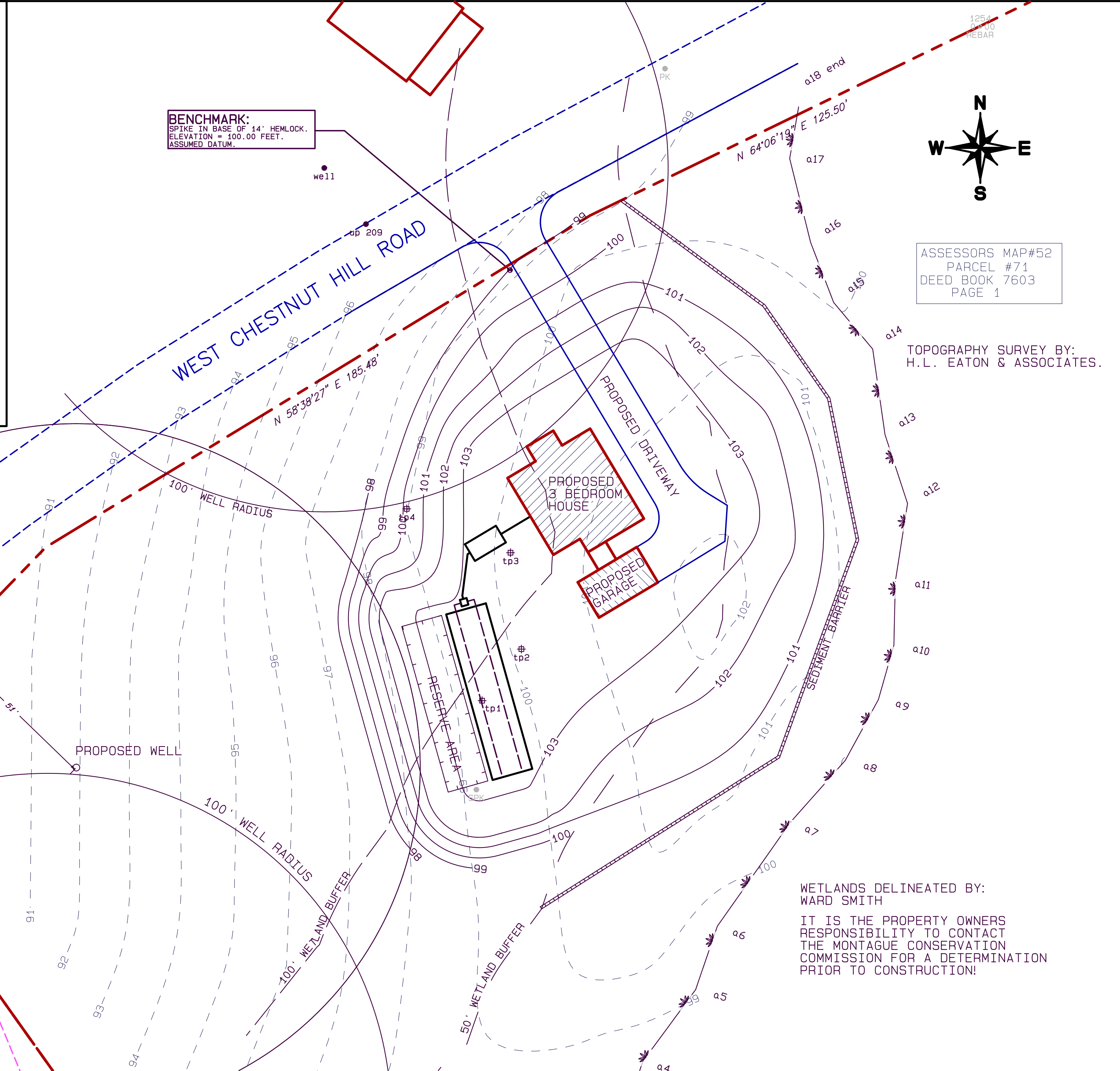
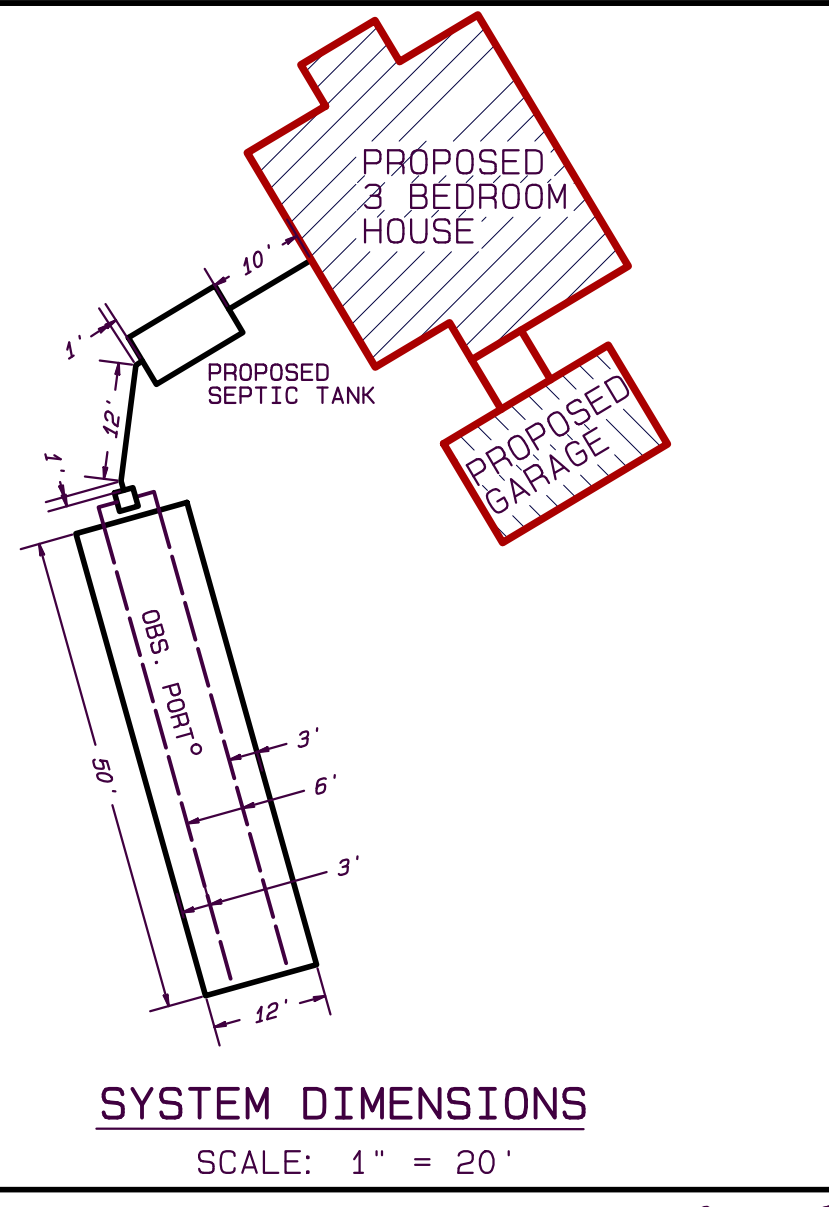
- THIS PLAN IS FOR THE REPAIR OF A NEW SEPTIC SYSTEM.
- REMOVE TOPSOIL & SUBSOIL BENEATH THE LEACH FIELD AND TO 5' ON ALL SIDES OF THE FIELD. REPLACE WITH MATERIAL MEETING THE SPECIFICATIONS OF 310 15.255 (3). (TITLE 5 310 CMR 15.255 (5).)
- TITLE 5 REQUIRES OBSERVATION OF THE INSTALLED SYSTEM BY THE DESIGN ENGINEER AND A BOARD OF HEALTH MEMBER OR AGENT FOR THE BOARD OF HEALTH. THE SYSTEM MUST NOT BE BACKFILLED PRIOR TO OUR OBSERVATION. CONTACT OUR OFFICE AND THE BOARD OF HEALTH TWO BUSINESS DAYS BEFORE REQUESTED DATE FOR OBSERVATION.
- ALL DISTURBED AREAS SHOULD BE LOAMED, RAKED, FERTILIZED, SEEDED AND MULCHED AT THE COMPLETION OF CONSTRUCTION.

PROPERTY LINE REFERENCE:
PROPERTY LINES AS SHOWN ARE BASED ON A PLAN OF LAND IN MONTAGUE, MASSACHUSETTS, PREPARED FOR LINDA L. CURTIS, PREPARED BY MARY ANN WILEWSKI P.L.S., DATED OCT 6, 2005 F.C. REG. OF DEEDS PLAN BOOK 119, PAGE 35.

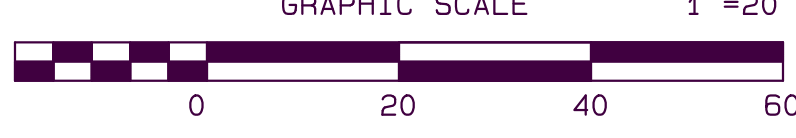
CONTRACTOR NOTES:
AFTER YOU HAVE LAYED OUT THE LEACH AREA & PRIOR TO STARTING CONSTRUCTION PLEASE CALL AND ESTIMATE WHEN YOU WILL BE READY FOR FINAL INSPECTION. THIS WILL HELP ME SCHEDULE MY WORK LOAD AND LIMIT THE TIME YOU ARE WAITING FOR ME. THIS IS ALSO THE TIME TO RESOLVE ANY QUESTIONS OR CONCERNS. IF THE BENCHMARK OR TAPE TIE REFERENCE POINTS HAVE BEEN DESTROYED OR CAN NOT BE FOUND, I WILL COME OUT AND RE-ESTABLISH CONTROL OR STAKEOUT THE LEACH AREA.



ORENCO BIOTUBE EFFLUENT FILTER MODEL # FT0436
AVAILABLE FROM WASTEWATER TECHNOLOGIES, INC., 19 PRECAST ROAD, MILTON, VT. 05468 (802) 869-3219



SITE PLAN



LAYOUT DIMENSIONS

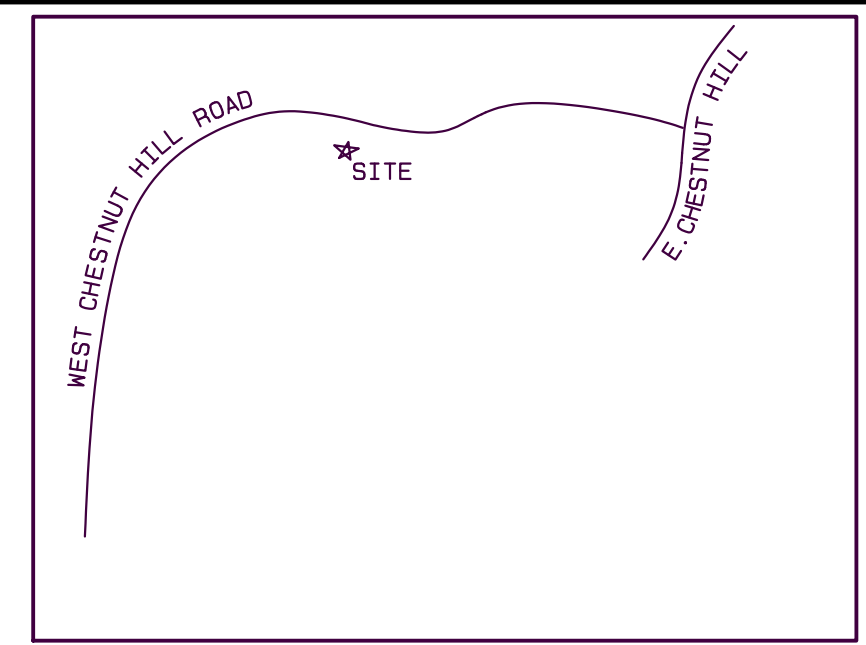
SCALE: 1" = 20'

DESIGN DATA

DESIGN BASED ON SINGLE FAMILY DWELLING
DESIGN FLOW 110 GALLON PER DAY PER BEDROOM (3)
TOTAL DESIGN FLOW 330 GALLON PER DAY.
SEPTIC TANK
330 GALLONS X 200% = 660 GALLONS DESIGN CAPACITY.
USE NEW 1500 GALLON SEPTIC TANK.
LEACHING FIELD
BOTTOM:
50' LENGTH X 12' WIDTH = 600 SQUARE FEET.
600 SQ. FT. X .56 GAL. PER SQ. FT. = 336 GAL. LEACHING.
TOTAL LEACHING CAPACITY = 336 GALLONS PER DAY.
NOTE: PER TITLE 5, 310 CMR 15.240 (6), A FIELD IS DESIGNED FOR THIS SITE TO REDUCE THE LIMITED AMOUNT OF SPACE.

GENERAL NOTES

- 4" PIPE WITH TIGHT JOINTS TO BE USED IN DISPOSAL SYSTEM EXCEPT WHERE OTHERWISE NOTED.
- FROM HOUSE OUT TO SEPTIC TANK: SCHEDULE 40 PVC MINIMUM GRADE: 1/4 INCH PER FOOT (2%)
- FROM SEPTIC TANK TO DISTRIBUTION BOX TO TRENCHES: SDR 35 PVC MINIMUM GRADE: 1/8 INCH PER FOOT (1%)
- 4" SDR 35 PERFORATED PIPE TO BE USED IN LEACHING AREA.
- 1500 GALLON REINFORCED CONCRETE SEPTIC TANK.
- BOARD OF HEALTH MUST BE NOTIFIED WHEN SYSTEM IS NEARLY COMPLETE AND PRIOR TO BACKFILLING. ELEVATIONS BASED ON ASSUMED DATUM.
- UNLESS OTHERWISE NOTED, ALL SYSTEM COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH TITLE 5 OF THE STATE SANITARY CODE AND ANY APPLICABLE LOCAL RULES.
- ANY CHANGE TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH AND THE DESIGN ENGINEER.
- THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE GRINDER.



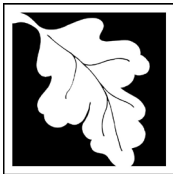
SITE LOCUS

LEGEND

- 100 --- EXISTING CONTOURS
- 100 --- PROPOSED CONTOURS
- 4" SDR 35 PERFORATED PIPE
- 4" SDR 35 SOLID PIPE
- WATER LINE
- FENCE
- PROPERTY LINE
- STONEWALL

SHEET NO. 1 OF 1.		REV. DATE	BY	DESCRIPTION	APPR.
SCALE AS SHOWN	APPROVED:	TITLE: SUBSURFACE SEWAGE DISPOSAL PLAN IN MONTAGUE, MASS.			
DRN. BY S.K.		FOR: WILLIAM BRULE			
CHECKED S.K.		108 WEST CHESTNUT HILL ROAD			
		DATE: FEBRUARY 22, 2022	JOB NO. 2022-009		

S.K. Kimberley Engineering
309 Thompson Road, Colrain, MA 01340
phone: (413) 824-9821 fax: (413) 824-9821 email: shawnkimberley@hotmail.com



Massachusetts Department of Environmental Protection
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WPA Form 3 – Notice of Intent

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Provided by MassDEP:
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 Montague
 City/Town

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
 Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

108 West Chestnut Hill Road
 a. Street Address
 Montague
 b. City/Town
 01351
 c. Zip Code
 Latitude and Longitude:
 42.52096
 d. Latitude
 72.49134
 e. Longitude
 52-0
 f. Assessors Map/Plat Number
 71
 g. Parcel /Lot Number

2. Applicant:

William
 a. First Name
 Brule
 b. Last Name
 c. Organization
 PO Box 70
 d. Street Address
 Turners Falls
 e. City/Town
 MA
 f. State
 01376
 g. Zip Code
 h. Phone Number
 i. Fax Number
 wb59@comcast.net
 j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

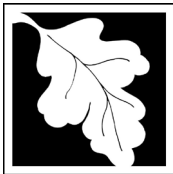
a. First Name
 b. Last Name
 c. Organization
 d. Street Address
 e. City/Town
 f. State
 g. Zip Code
 h. Phone Number
 i. Fax Number
 j. Email address

4. Representative (if any):

Ward
 a. First Name
 Smith
 b. Last Name
 Wendell Wetland Services
 c. Company
 105 Montague Road
 d. Street Address
 Wendell
 e. City/Town
 MA
 f. State
 01379
 g. Zip Code
 (978) 544-5607
 h. Phone Number
 i. Fax Number
 ward.ves@gmail.com
 j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$ 500.00
 a. Total Fee Paid
 \$ 237.50
 b. State Fee Paid
 \$ 262.50
 c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

It is proposed to construct a single family home and associated site work in the "buffer zone" to "bordering vegetated wetlands."

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|-----------------------------------------------------------------------|-----------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

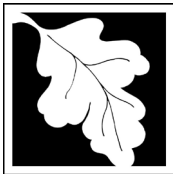
8. Property recorded at the Registry of Deeds for:

Franklin	n/a
a. County	b. Certificate # (if registered land)
7603 and 119	1 and 35
c. Book	d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced

- f. Riverfront Area
1. Name of Waterway (if available) - **specify coastal or inland**
 2. Width of Riverfront Area (check one):
 - 25 ft. - Designated Densely Developed Areas only
 - 100 ft. - New agricultural projects only
 - 200 ft. - All other projects
 3. Total area of Riverfront Area on the site of the proposed project: _____ square feet
 4. Proposed alteration of the Riverfront Area:
 - a. total square feet
 - b. square feet within 100 ft.
 - c. square feet between 100 ft. and 200 ft.
 5. Has an alternatives analysis been done and is it attached to this NOI? Yes No
 6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



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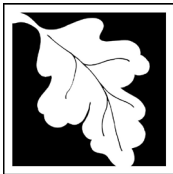
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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings	b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

current online
mapping

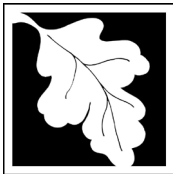
If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area percentage/acreage
 - (b) outside Resource Area percentage/acreage
 2. Assessor's Map or right-of-way plan of site
2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
- (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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C. Other Applicable Standards and Requirements (cont'd)

- (c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

- (d) Vegetation cover type map of site
- (e) Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following
1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
 2. Separate MESA review ongoing.

	a. NHESP Tracking #	b. Date submitted to NHESP
--	---------------------	----------------------------
 3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?
- a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

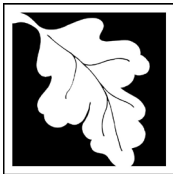
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



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C. Other Applicable Standards and Requirements (cont'd)

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

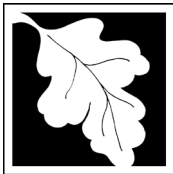
D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



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D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

Site Plan

a. Plan Title

S.K. Kimberley Engineering

Shawn K. Kimberley

b. Prepared By

c. Signed and Stamped by

February 22, 2022

1" = 20'

d. Final Revision Date

e. Scale

Wetland Delineation Report by WWS

July 21, 2021

f. Additional Plan or Document Title

g. Date

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. Attach NOI Wetland Fee Transmittal Form

9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

907

3/25/22

2. Municipal Check Number

3. Check date

paid online

4. State Check Number

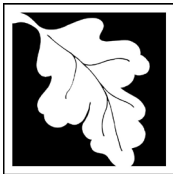
5. Check date

Ward

Smith

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number
Montague
City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

- | | |
|-----------------------------------------------|---------|
| 1. Signature of Applicant | 3/25/22 |
| | 2. Date |
| 3. Signature of Property Owner (if different) | 3/25/22 |
| | 4. Date |
| 5. Signature of Representative (if any) | 3/25/22 |
| | 6. Date |

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

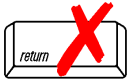
If the applicant has checked the “yes” box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

108 West Chestnut Hill Road
 a. Street Address
 paid online
 c. Check number
 Montague
 b. City/Town
 d. Fee amount

2. Applicant Mailing Address:

William
 a. First Name
 Brule
 b. Last Name
 c. Organization
 PO Box 70
 d. Mailing Address
 Turners Falls
 e. City/Town
 MA
 f. State
 01376
 g. Zip Code
 h. Phone Number
 i. Fax Number
 wb59@comcast.net
 j. Email Address

3. Property Owner (if different):

a. First Name
 b. Last Name
 c. Organization
 d. Mailing Address
 e. City/Town
 f. State
 g. Zip Code
 h. Phone Number
 i. Fax Number
 j. Email Address

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 2, Single Family Home			\$ 500.00

Step 5/Total Project Fee: \$ 500.00

Step 6/Fee Payments:

Total Project Fee:	\$ 500.00
State share of filing Fee:	a. Total Fee from Step 5 \$ 237.50
City/Town share of filing Fee:	b. 1/2 Total Fee less \$12.50 \$ 262.50
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Wendell Wetland Services

105 Montague Road
Wendell, MA 01379
(978) 544-5607
ward.ves@gmail.com

July 21, 2021

Ms. Heidi Flanders
Integrity Development & Construction
110 Pulpit Hill Road
Amherst, MA 01002

Re: Wetland Delineation, 108 West Chestnut Hill Road, Montague

Dear Ms. Flanders:

As requested, Wendell Wetland Services (WWS) visited the above referenced site on July 14, 2021 in order to delineate any wetlands in the vicinity of an existing "perc" test location and a potential single family home. The outer boundary of wetlands that are protectable under the Massachusetts Wetlands Protection Act (M.G.L. chapter 131, section 40) and Regulations (310 CMR 10.00) has been marked in the field with consecutively numbered pink "wetland delineation" flagging tape. While the wetland boundary has been accurately identified, only the Montague Conservation Commission, or the Massachusetts Department of Environmental Protection (DEP) on appeal, can make the final determination of the extent of the wetland resource areas on the site.

Delineation Methodology

The methodology employed in my delineation utilized both vegetation and hydrology as outlined in the Regulations at 310 CMR 10.55 and in the DEP handbook *Delineating Bordering Vegetated Wetlands under the Massachusetts Wetlands Protection Act* (1995). Hydrophytic Vegetation was based upon the US Fish and Wildlife Service's *National List of Plant Species that Occur in Wetlands* (1988), as well as all plant species listed in the Act. Wetland hydrology includes a high water table, water-stained leaves, and hydric soils. Hydric soils were determined based upon the interagency document *Field Indicators for Identifying Hydric Soils in New England, Version 4* (2016).

Site Description

The potential building site is forested, and is located to the southeast of the road. The land surrounding the "perc" test location is dominated by non-wetland plants such as white pine (*Pinus strobus*) and hayscented fern (*Dennstaedtia punctilobula*). This area is clearly not a wetland, as it is also underlain by non-hydric soils.

However, to the east and south of the building site is a wooded swamp wetland that is vegetated by hemlock (*Tsuga canadensis*), red maple (*Acer rubrum*), new york fern (*Thelypteris noveboracensis*), cinnamon fern (*Osmundastrum cinnamomeum*), sensitive fern (*Onoclea sensibilis*), and jewel weed (*Impatiens* spp.). This wetland is drained by an

intermittent stream that leaves the site to the southwest. Flags A-1 to A-18 mark the wetland boundary facing the building site.

Wetland Resource Areas

Under the state Regulations (310 CMR 10.00), wetlands are broken up into different resource areas, each of which is regulated in a slightly different manner. The delineated wetland contains the following resource areas, to which there is a 100 foot buffer zone.

- * Bank (10.54) – the banks of the intermittent stream
- * Bordering Vegetated Wetland (10.55)
- * Land Under a Waterway (10.56) – the intermittent stream

Project Planning

Any work within 100 feet of the resource areas will require a filing with the Montague Conservation Commission. Work that will not “alter” the wetlands may, at the discretion of the Conservation Commission, be approved through the filing of a *Request for Determination of Applicability* (WPA Form 1). However, any work in close proximity to the wetlands, or that will “alter” the wetlands, will require the filing of a *Notice of Intent* (WPA Form 3).

A “Site Plan” should be developed for submittal to the Commission showing all of your proposed work. The wetland flags should be surveyed and plotted onto this plan. In order to protect the wetlands during construction, sediment and erosion control should be shown on the plan and located between the work and wetlands. This barrier should also be labeled as the “limit of work” line.

The site is not shown within the *Estimated Habitats of Rare Wildlife* or *Priority Habitats of Rare Species* according to the most recent online mapping. Therefore, unless new information becomes available, no filing with the Natural Heritage and Endangered Species Program should be required.

Please feel free to contact me if you have any questions regarding my delineation.

Sincerely,
Wendell Wetland Services

Ward Smith, SPWS
Senior Professional Wetland Scientist