



**Town of Sturbridge  
Conservation Commission  
Notice of Intent Application Coversheet/Checklist**

Date	4/24/2023
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in all white cells completely

<b>Parcel</b>		<b>Applicant name</b>	Derek Bender
Address	26 South Rd	Address	354 Moon Hill Rd, Northbridge, MA 01534
Assessors		Email	benderdm@gmail.com
Map/Plat	Map 42	Phone	774-249-5679
Book & Page			
<b>Owner name</b>		<b>Representative</b>	
Address		Address	
Email		Email	
Phone		Phone	

☐ Fil

Wetland type	sf/cf affected	Relevant Perf. Standards	10. _____
Wetland type	sf/cf affected	Relevant Perf. Standards	10. _____
Wetland type	sf/cf affected	Relevant Perf. Standards	10. _____

Components of a Complete NOI Application

State Form: NOI Form 3	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engineered Plan	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof of Mailing to DEP	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
Narrative	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
Proof that all relevant perf. standards are met	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
TOPO Map identifying locus with scale	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
FIRM Map identifying locus with scale	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
Natural Heritage Map with WH, PH, & VP data	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <span style="float: right;">Included? <input type="checkbox"/></span>
Delineation lines (backup material)	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
Tax Form	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Fees</b>	
★ Fee Transmittal form	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
★ Filing Fee Worksheet	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
★ Town portion of state filing fee	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
★ Sturbridge local filing fee \$_____	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Abutter Information</b>	
★ Certified abutters list (within 200')	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
★ Abutter notification form	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
★ Affidavit & proof -- bring to hearing	<i>Present them at the hearing</i>
<b>Other Attachments, e.g.</b>	
<b>Confirmation of submission to NHESP</b>	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<b>Planting Plan</b>	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<b>Floodplain analysis</b>	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<b>Stormwater analysis</b>	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable

Components of a Complete NOI Application

## Conservation Commission Wetland Permit Process

NOI	Process
1	<b>Obtain a Certified list of all abutters within 200' of property lines from the Assessor's Office.</b> <i>(may take 10 business days)</i>
2	<b>Obtain a Tax Form Sign-Off by the Finance Department</b>
3	<p><b>Submit applications (see bullets below) by noon of the Tuesday deadline</b> (16 days before the desired hearing):</p> <p>a. <u>To Sturbridge Conservation Commission</u>: 301 Main St., Sturbridge, MA 01566</p> <ul style="list-style-type: none"> <li>• <b>This coversheet</b> (1 paper copy)</li> <li>• <b>Complete application</b> -- see the checklist on the other side of this page (2 paper copies and 1 pdf) <ul style="list-style-type: none"> <li>• <i>Plans must be stamped by an engineer if any component of the project requires engineering.</i></li> </ul> </li> <li>• <b>Checks</b></li> </ul> <p>b. <u>To Mass DEP Central Regional Office</u>: 8 New Bond Street, Worcester, MA 01606</p> <ul style="list-style-type: none"> <li>• <b>Complete application</b> -- see the checklist on the other side of this page (1 paper copy)</li> <li>• <b>Photocopy of the two state checks</b></li> <li>• <b>Email a complete application to CERO_NOI@mass.gov</b></li> </ul> <p>c. <u>To DEP Lock Box</u>: Box 4062, Boston MA 02211</p> <ul style="list-style-type: none"> <li>• <b>Check</b> for state portion of the state fee</li> <li>• <b>Fee transmittal form</b></li> </ul>
4	<i>Upon receipt of a complete application, the Conservation Agent will <b>schedule a Public hearing/meeting.</b></i>
5	Once you are provided the date and time of the hearing, <b>notify all abutters within 200' of the property line</b> using the Town's " <b>Notification to Abutters Form</b> " by <b>certified mail, certificate of mailing, or hand delivery with signatures 7 business days prior to the Hearing.</b> (Present proof of notification prior to the beginning of the public hearing.)
6	<i>The Conservation Agent will <b>place a legal ad in a local newspaper</b> and the <b>Applicant will be billed for the ad.</b></i>
7	<b>Stake the project.</b> 2 weeks in advance of the public hearing, stake all proposed structures, erosion control barriers, stormwater systems, etc. within Con Com jurisdiction. (See SWB Regulations)
8	<i>The Conservation Commission and/or Agent will perform a <b>site visit</b> before the public hearing to confirm existing conditions and proposed work. If you wish to be informed of the time of the visit, please contact the Con Com office.</i>
9	<p><b>Attend the public hearing/meeting.</b> The applicant or representative is required to <b>provide proof of abutter notification (including Affidavit of Service), proof of legal advertisement, briefly present the project, and answer any questions about possible impacts on wetlands.</b> At the end of the hearing, the Con Com will either:</p> <ul style="list-style-type: none"> <li>• <b>Issue an <u>Order of Conditions</u> (OOC)</b> approving or denying the project, <b>or</b></li> <li>• <b>Approve a continuation</b> of the public hearing to allow time for additional information to be provided.</li> </ul>
10	<b>Receive and read the decision and understand the conditions.</b> Contact the Con Com if you have any questions. Some conditions are temporary (such as maintaining erosion controls), and some are perpetual (such as maintaining restoration planting areas or limiting the use of fertilizers).
11	<b>Wait-out the 10-Day appeal period.</b> A decision of the Con Com can be appealed by MassDEP or by any abutter, applicant, or 10-citizen group within 10 business days of the decision.
12	<b>Record the Order</b> at the Registry of Deeds. Provide proof of recording to the Conservation office along with signed Certificates of Understanding.
13	<b>Install MassDEP file number sign and erosion controls.</b>
14	<b>Schedule and attend a pre-construction site visit.</b> Contact the Conservation office to schedule the site visit.
15	<b>Execute the project.</b> The project must be completed within 3 years, unless an extension of the permit is issued; extensions must be requested at least 30 days prior to the expiration of the permit.
16	<b>Request a Certificate of Compliance (COC).</b> Once the project is complete and all conditions have been satisfied, request a COC from the Conservation office by submitting at least: (1) DEP <b>Form 8a</b> , (2) a stamped <b>as-built plan</b> , and (3) a <b>letter from the engineer</b> stating that everything is in substantial compliance with the approved plans and OOC. The Con Com will perform a site visit to ensure compliance and will issue a COC if appropriate.
17	<b>Record the Certificate of Compliance (COC)</b> at the Registry of Deeds to remove the cloud from the title. <b>Provide proof of recording to the Conservation office.</b>

**INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED.**



# Town of Sturbridge

Conservation Commission

## Notice of Intent (NOI) Packet

Packet for filing of applications  
under the Wetland Protection Act, MGL Ch. 131, sec 40,  
and the Sturbridge Wetland Bylaw

Enclosed in this packet are the forms needed for submitting a Notice of Intent to the Town of Sturbridge Conservation Commission. It contains the following forms needing completion:

- **Notice of Intent Application Coversheet/Check List**
- **Mass DEP BRP WPA Form 3 - Notice of Intent Instructions and Supporting Materials**
- **Mass DEP BRP WPA Form 3 - Notice of Intent (formal form) 8pp (includes Mass DEP Wetland Fee Transmittal Form 2pp)**
- **Sturbridge Conservation Commission Affidavit of Service:**  
*This document is your witness that abutters have been notified according to regulations.*
- **Town of Sturbridge Notification to Abutters**  
*Use this blank document to provide necessary information to abutters*
- **Town of Sturbridge Proof of Paid Tax**
- **Abutter List Request**
- **Local Bylaw Filing Fee Sheet**

Please contact our office with any questions in regards to filing this application or process.



Sturbridge Conservation Commission

Notice of Intent

Sturbridge Wetland Bylaw Section 3.50

SCC File Number

**A. General Information**

1. Project Location:

26 South Rd	Sturbridge	01566
a. Street Address	b. City/Town	c. Zip Code
42	26	
d. Assessors Map/Plat Number	e. Parcel /Lot Number	

2. Applicant:

Derek	Bender	
a. First Name	b. Last Name	
c. Organization		
354 Moon Hill Rd		
d. Street Address		
Northbridge	MA	01534
e. City/Town	f. State	g. Zip Code
774-249-5679	benderdm@gmail.com	
h. Phone Number	i. Fax Number	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):

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

5. Total Fee Paid (Attach with submittal from Filing Fee Worksheet):

\$300  
Fee Paid



**Sturbridge Conservation Commission**

**Notice of Intent**

**Sturbridge Wetland Bylaw Section 3.50**

SCC File Number

6. General Project Description:  
New Construction - Single Family

7. Project Type Checklist:

- 1.  Single Family Home
- 2.  Residential Subdivision
- 3.  Commercial/Industrial
- 4.  Dock/Pier
- 5.  Utilities
- 6.  Coastal engineering Structure
- 7.  Agriculture (e.g., cranberries, forestry)
- 8.  Transportation
- 9.  Other:

8. Property recorded at the Registry of Deeds for:

Worcester

a. County  
62917

b. Certificate # (if registered land)  
153

c. Book

d. Page Number

**D. Signatures and Submittal Requirements**

1. Attach a narrative and any supporting documentation describing how the project will protect the jurisdictional resource areas during construction and what Best Management Practices have been incorporated to ensure there will be no long-term impacts to the Resource Areas. Indicate distance to Resource Areas.
2. On a separate sheet, list the titles and dates for all plans and other materials submitted with this NOI.
3. If there is more than one property owner, please attach a list of these property owners not listed on this form.
4. Include the Town of Sturbridge Notice of Intent Application Checklist Signatures and Submittal Requirements
5. 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. The Commission will provide legal advertisement to the applicant and it is the applicants requirement to post in accordance to the applicable Sturbridge Bylaw and/or supporting regulations. I further certify under penalties of perjury that all abutters were notified of this application. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 200 feet of the property line of the project location.

1. Signature of Applicant

2. Signature of Property Owner (if different)

\_\_\_\_\_  
date

\_\_\_\_\_  
date

3. Signature of Representative (if any)

\_\_\_\_\_  
date



# Town of Sturbridge

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## Conservation Commission

### STURBRIDGE CONSERVATION COMMISSION AFFIDAVIT OF SERVICE

Under the Town of Sturbridge Wetland Bylaw, I Derek Bender, hereby certify under the pains and penalties of perjury that on (date) \_\_\_\_\_, I gave notification to abutters, in compliance with this Bylaw and Regulations, in connection with a Notice of Intent filed under this Bylaw. This Notice of Intent was filed with the Sturbridge Conservation Commission on (date) \_\_\_\_\_ for the property located at  
26 South Rd

The form of the Notification and a list of abutters to whom it was given and their addresses are included in the application file.

\_\_\_\_\_  
(Signature of applicant) (Date)

Derek Bender  
(Name of applicant-printed or typed)



# Town of Sturbridge

Barbara A. Barry, Finance Director

Department/Board/Committee: Conservation

Please verify outstanding tax/fee status for the following property owner:

Property Owner: Derek Bender & Leah Bender

Property Location: 26 South Rd

- The license/permit may be released.  
 The license/permit may not be released.

For Wendy Mac Hergen  
Finance Director

3/30/2023  
Date

STURBRIDGE WETLANDS PROTECTION BY-LAW AND REGULATIONS

**WETLANDS FILING FEE CALCULATION WORKSHEET**

<b>Application Type</b>	<b>Qty</b>	<b>Town Filing Fee</b>	<b>TOTAL</b>
<b>Notice of Intent (NOI):</b>			
<b>Residential – Single Family:</b>			
Accessory (Deck, Shed, Pool Septic)	_____	\$150	_____
Shoreline Work	_____	\$150	_____
New Construction	<u>1</u>	\$300	<u>\$300</u>
<b>Residential – Other:</b>			
Subdivision/Multi-Unit	_____	\$750	_____
<b>Commercial/Industrial:</b>			
New	_____	\$1500	_____
Redevelopment	_____	\$1000	_____
<b>Limited Project (as defined in SWB &amp; WPA)</b>	_____	Equal to full WPA fee	_____
<b>Alterations – located within Riverfront Area</b>	_____	Additional 50% of Fee	_____
<b>Application filed after Enforcement Order</b>		Double the Municipal fee	_____
<b>Request for Amended Order of Conditions</b>	_____	50% of initial fee	_____
<b>Request for Determination of Applicability (RDA):</b>			
No Wetland Boundary Confirmation			
Residential:	_____	\$100	_____
No Wetland Boundary Confirmation			
All Other:	_____	\$200	_____
For Wetland Boundary Confirmation			
<b>File ANRAD or NOI</b>			
<b>Abbreviated Notice of Resource Area Delineation (ANRAD):</b>			
<b>Residential – Single Family:</b>			
	_____	\$100	_____
<b>All Other:</b>			
<b>Base Review</b>	_____	\$300	_____
<b>Resource Area Boundary</b>			



**Certificate of Compliance (COC):**

**Residential:**

Single Family \_\_\_\_\_ \$50 \_\_\_\_\_

Subdivision or Multi-Unit \_\_\_\_\_ \$150 \_\_\_\_\_

**Commercial or Industrial:** \_\_\_\_\_ \$150 \_\_\_\_\_

**If Order of Conditions has Expired** \_\_\_\_\_ Add an additional \$150 \_\_\_\_\_

**OOO Extension Request** \_\_\_\_\_ \$50 \_\_\_\_\_

**Emergency Certification** \_\_\_\_\_ \$50 \_\_\_\_\_  
(NOI may be required to be filed following issuance of Emergency Cert)

**Local Bylaw Fee (includes Town Filing Fee)** \$ 300

**State Filing Fee (from DEP Wetland Transmittal Form)** \$ \_\_\_\_\_

**Total Payable to "Town of STURBRIDGE"** \$ 300

\*Additional Consultant Fee may be required for reasons which may include:

- Significant amount of wetland impact;
- Extensive resource areas on a site;
- Lack of information supplied;
- Incomplete plans, reports, forms submitted;
- Supplemental information submitted.



# Town of Sturbridge

## Conservation Commission

### Notification to Abutters

under the MA Wetlands Protection Act and the Town of Sturbridge Wetland Bylaw Regulations

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, § 40, as well as the Town of Sturbridge Wetland Bylaw, you are hereby notified of the following permit application for work within a wetland resource area and/or within the 200-foot buffer zone to a resource area:

- A. The name of the applicant is: Derek Bender
- B. The address of the lot(s) where the activity is proposed is: 26 South Rd
- C. The nature of the activity proposed includes: New Construction - Single Family, Septic, Well
- D. The applicant has filed the following in accordance with the Wetlands Protection Act (MGL c. 131, § 40), and/or the Town of Sturbridge Wetland Bylaws.
- Notice of Intent seeking permission to conduct work within a wetland, water body or resource area
  - Request for Determination seeking permission to conduct work within a buffer zone to a wetland, waterbody or resource area
  - Abbreviated Notice of Resource Area Delineation seeking to confirm the wetland resource area boundaries.
  - Request to amend an existing Order of Conditions for DEP File #300-\_\_\_\_\_

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**The Public Hearing for this application will be held in person and remotely via GoTo Meeting  
at the Center Office Building, 301 Main Street, 2nd Floor**

**Date and Time of Hearing:** \_\_\_\_\_

**Public Hearing can be accessed remotely:**

- **From your computer using:** \_\_\_\_\_ **or**
- **From your phone: +1 872 240 3212, followed by the access code** \_\_\_\_\_

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Please note that while an option for remote attendance and/or participation is being provided to the public, the meeting/hearing will not be suspended or terminated if technological problems interrupt the virtual broadcast, unless otherwise required by law. Members of the public with particular interest in any specific item on this agenda should make plans for in-person vs. virtual attendance accordingly. Please note that meetings can also be watched either online via the Town's on demand video broadcast or on cable television on channel 191, however, there is no public participation through these options.

**PLEASE NOTE: Copies of the application and related materials including agendas and staff notes can be found here:**

- <https://www.sturbridge.gov/conservation-commission/pages/meeting-calendar-and-documents>

You may contact the Sturbridge Conservation Commission Office (508) 347-2506 or the Department of Environmental Protection Central Regional Office at 508-792-7650 with questions in regards to the application process or the Wetlands Protection Act.

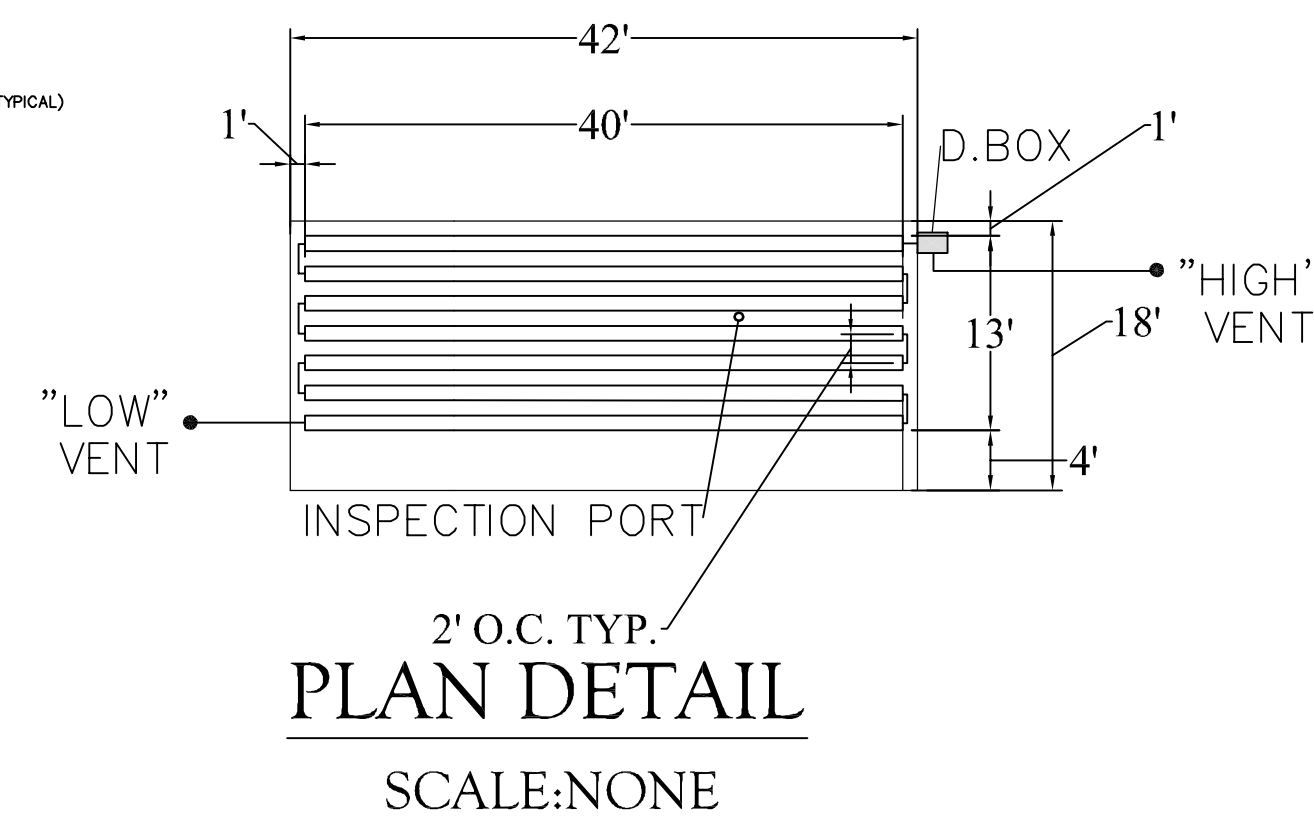
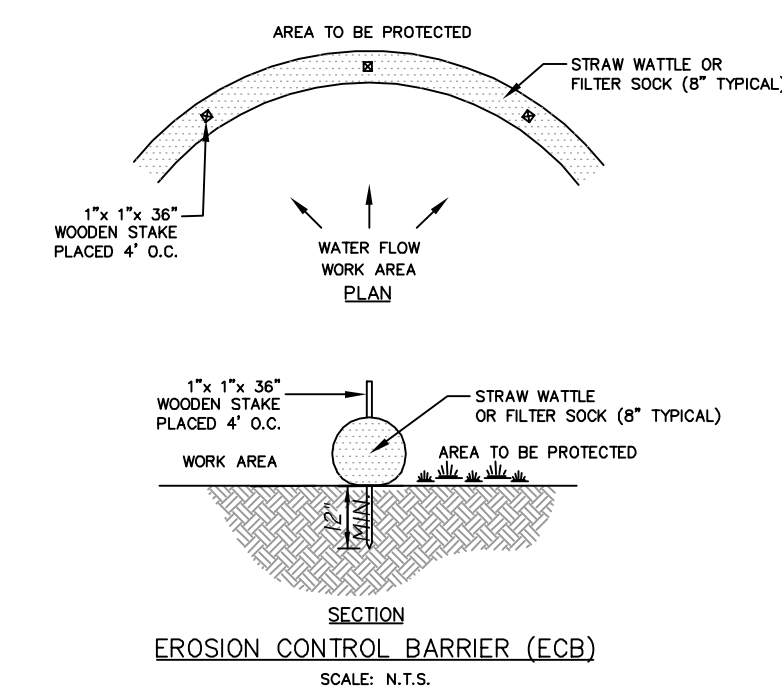
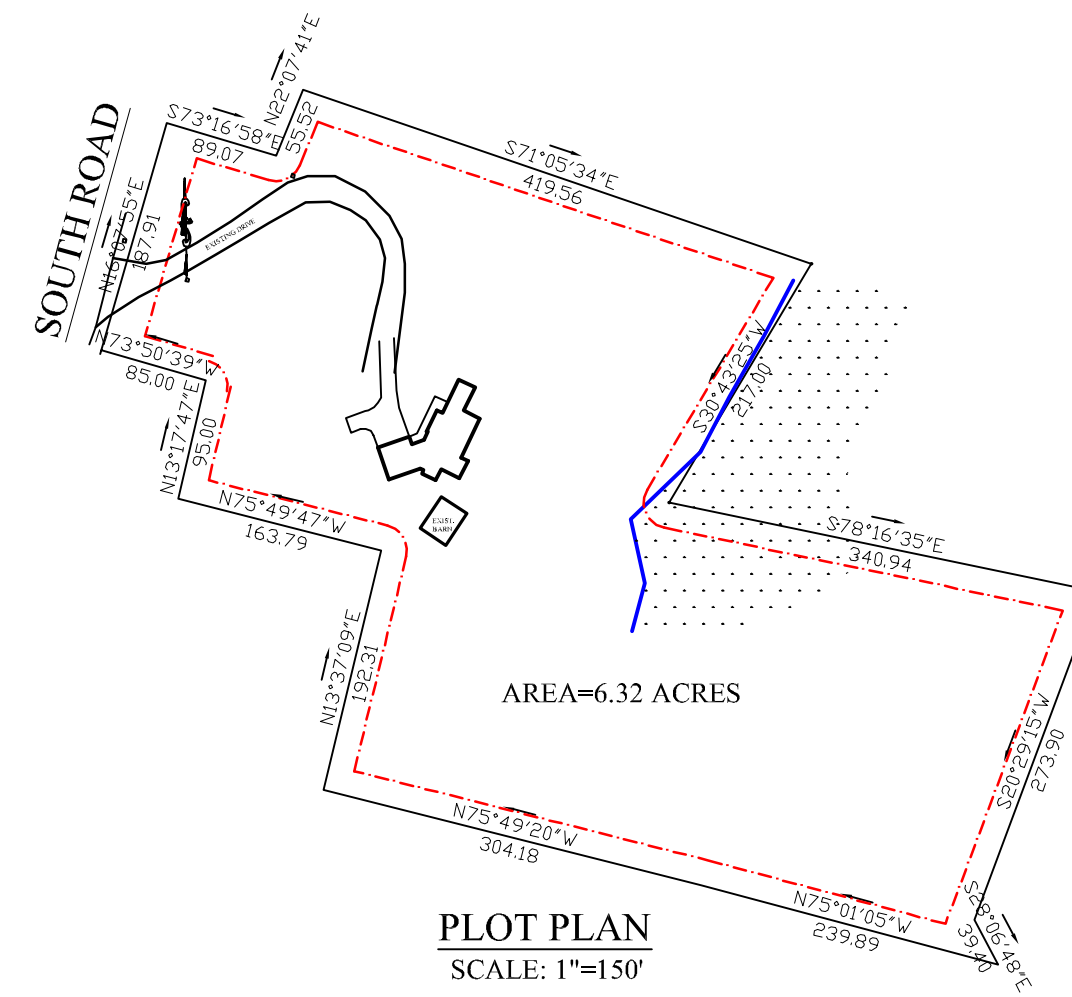
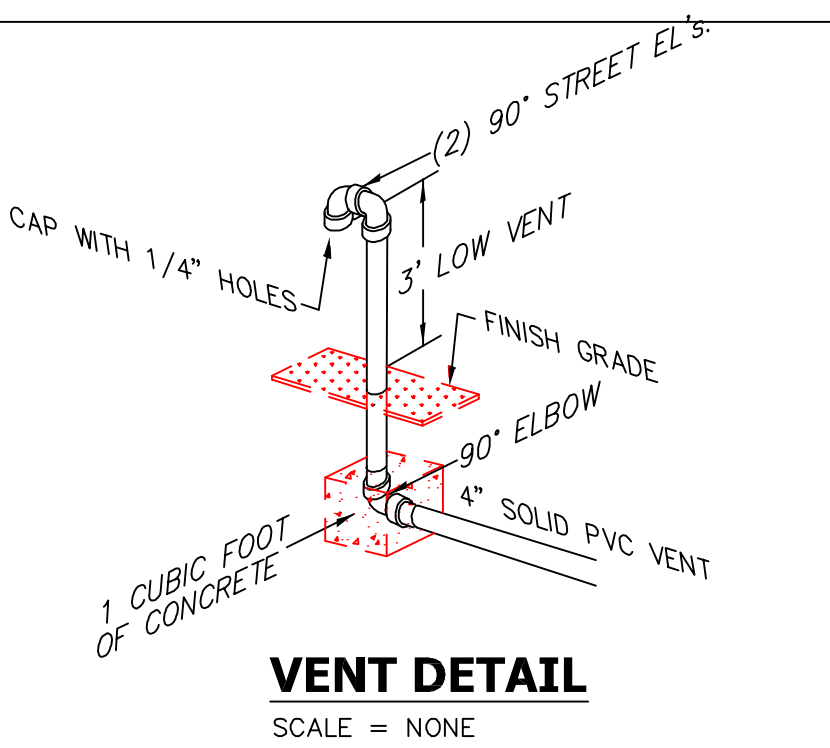
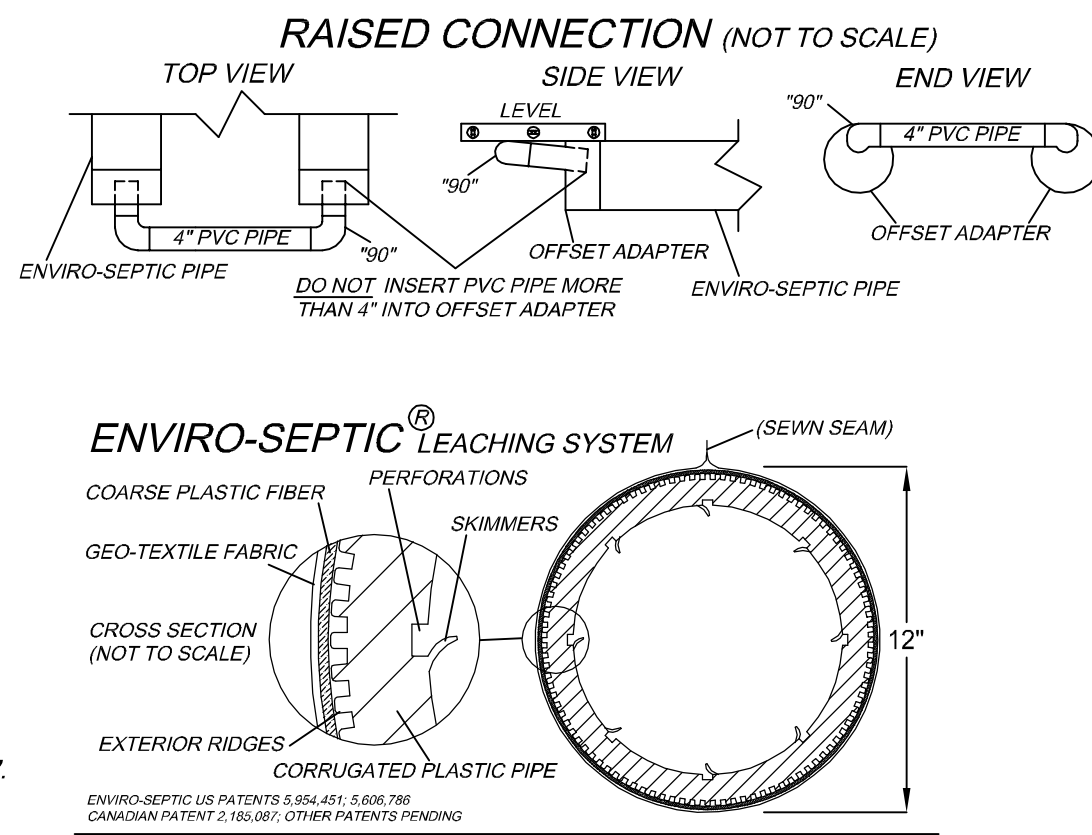




SITE PLAN & DETAILS

**PRESBY ENVIRONMENTAL NOTES**

- 1) SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. ROUTE 117 - PO BOX 617 SUGAR HILL, NH 03585 - PHONE 1-800-473-5298 - WWW.PRESBYENVIRONMENTAL.COM
- 2) MINIMUM OF 6" OF MEDIUM TO COARSE SAND WITH LESS THAN 2% PASSING A # 200 SIEVE REQUIRED AROUND CIRCUMFERENCE OF ENVIRO-SEPTIC PIPES. (SEE DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS.)
- 3) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
- 4) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 5) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 6) MAINTENANCE: OWNER TO HAVE SYSTEM INSPECTED ANNUALLY BY TRAINED OPERATOR, AND SUBMIT RESULTS TO LOCAL APPROVING AUTHORITY ON "TECHNOLOGY CHECKLIST".
- 7) THIS DOCUMENT IS FOR THE CONSTRUCTION OF THE EFFLUENT DISPOSAL SYSTEM SHOWN. ANYONE USING INFORMATION FROM THIS DOCUMENT FOR ANY OTHER PURPOSE DOES SO AT THEIR OWN RISK.
- 8) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-WS 1000. "APPROVAL FOR CONSTRUCTION" IS VALID FOR 4 YEARS FROM DATE OF ISSUE.



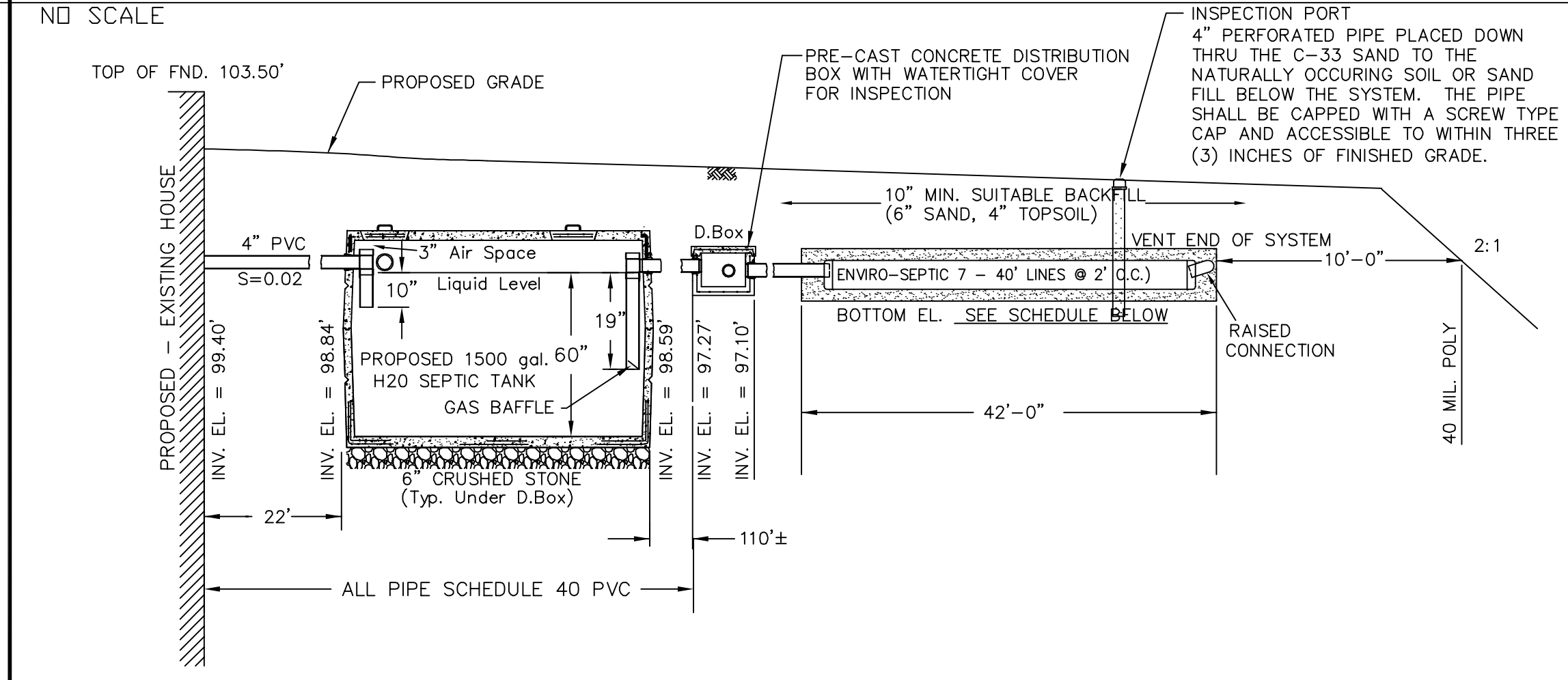
**OBSERVATION PITS**

PIT #1						PIT #2							
Depth	Horiz. A	Soil	Texture	Color	Moisture	Remarks	Depth	Horiz. A	Soil	Texture	Color	Moisture	Remarks
0-2'		A	SL	10R 3/2	None		0-2'		A	SL	10R 3/2	None	
5-24'		B	SL	10R 6/9	None		8-28'		B	SL	10R 8/6	None	
24-24'		C	SL	10R 4/6	24"	MASSIVE/FRABLE	20-28'		C	SL	10R 4/4	24"	MASSIVE/FRABLE
40"		Cd	SL	10R 5/6		COMPACT	40"		Cd	SL	10R 6/6		COMPACT

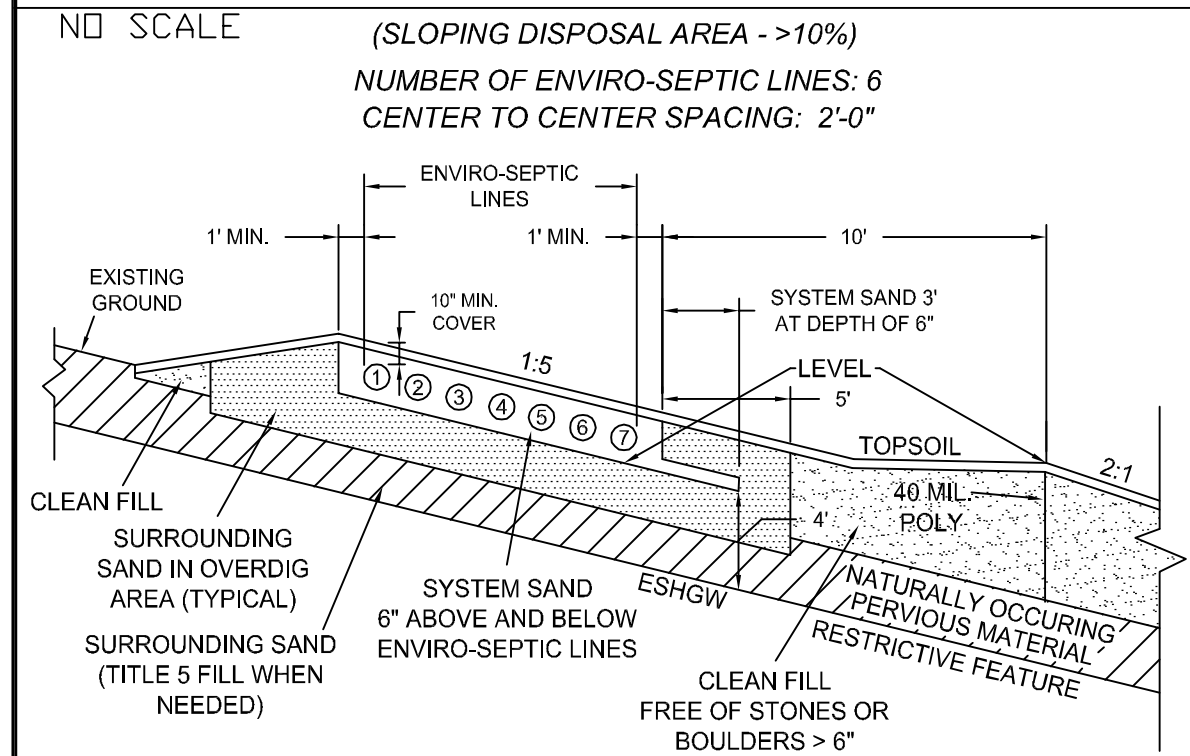
  

PIT #3						PIT #4							
Depth	Horiz. A	Soil	Texture	Color	Moisture	Remarks	Depth	Horiz. A	Soil	Texture	Color	Moisture	Remarks
0-10'		A	SL	10R 3/2	None		0-2'		A	SL	10R 3/2	None	
10-34'		B	SL	10R 6/9	24"		8-28'		B	SL	10R 6/6	None	
34-75'		C	SL	10R 4/6		MASSIVE/FRABLE	26-42'		BC	SL	10R 4/4	28"	MASSIVE/FRABLE
40"		Cd	SL	10R 5/6		COMPACT	45-72'		C	SL	10R 6/6		MASSIVE/FRABLE
							40"		Cd	SL	10R 6/6		COMPACT

SYSTEM PROFILE



EFFLUENT DISPOSAL AREA



DESIGN CRITERIA:

DESIGN FLOW FOR 4 BEDROOMS  
 4 Bedrooms x 110 gal./bedroom/day = 440 gallons/day  
 THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL. THE USE OF GARBAGE DISPOSALS IS NOT RECOMMENDED WITH SUBSURFACE DISPOSAL FACILITIES.  
 SEPTIC TANK CAPACITY: 1500 GALLON

LEACHFIELD CALCULATIONS

PRESBY ENVIRONMENTAL SYSTEM CALCULATIONS  
 1. FROM TABLE A  
 4 BR @ # 12 MIN/INCH = 280 LF OF PIPE  
 2. PROVIDE LF OF PIPE:  
 7 lines @ 40'/line = 300 LF  
 3. FROM TABLE B  
 MIN SPACING = 2.0' FOR 16-20% SLOPE  
 4. FROM TABLE D  
 CALCULATE SAND BED = 471 S.F. MIN.  
 PROVIDED AREA:  
 18'x42' = 756 S.F.

SCHEDULE OF ELEVATIONS

DESCRIPTION	PROPOSED	AS-BUILT
TOP OF FOUNDATION	103.20'	
INVERT AT FOUNDATION	99.06'	
INVERT IN SEPTIC TANK	98.84'	
INVERT OUT SEPTIC TANK	98.59'	
INVERT IN D.BOX	97.27'	
INVERT OUT D.BOX	97.10'	PROPOSED AS-BUILT
BOTTOM OF PIPE (ES-1)	96.50'	97.08'
BOTTOM OF PIPE (ES-2)	96.10'	96.68'
BOTTOM OF PIPE (ES-3)	95.70'	96.28'
BOTTOM OF PIPE (ES-4)	95.30'	95.88'
BOTTOM OF PIPE (ES-5)	94.90'	95.48'
BOTTOM OF PIPE (ES-6)	94.50'	95.08'
BOTTOM OF PIPE (ES-6)	94.10'	94.68'

GENERAL NOTES

1. ALL WORK TO BE CONCEALED MUST BE INSPECTED BY THE BOARD OF HEALTH OR ITS AGENT PRIOR TO BEING BACKFILLED.
2. THE BUILDING SEWER (THE PIPE FROM 10' OUTSIDE THE BUILDING TO THE SEPTIC TANK) MUST BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE AND MUST BE WATER-TIGHT.
3. SEPTIC TANK AND DISTRIBUTION BOX TO BE PRE-CAST CONCRETE AS PER TITLE 5.
4. SEPTIC TANK AND D.BOX MUST BE SET ON A LEVEL STABLE BASE AND MUST BE WATER TIGHT.
5. THE FINISH GRADE ABOVE AND ADJACENT TO THE FIELD SHALL SLOPE AT LEAST 2% TO PREVENT THE ACCUMULATION OF SURFACE WATER.
6. FILL MATERIAL REQUIRED SHALL CONSIST OF CLEAN GRANULAR SAND FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES. MIXTURES AND LAYERS OF DIFFERENT CLASSES OF MATERIALS SHALL NOT BE USED. A SEIVE ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH 310 CMR 15.255 (3).
7. STONE SHALL CONSIST OF DOUBLE-WASHED STONE AND SHALL BE FREE OF IRON, FINES AND DUST IN PLACE.
8. ALL DISTURBED AREAS TO BE LOAMED (3" MIN.), FINE RAKED AND SEEDED.
9. ALL WELLS WITHIN 200' OF THE PROPOSED SYSTEM ARE SHOWN OR REFERRED TO BY NOTATION.
10. ALL WETLANDS WITHIN 100' OF THE CONSTRUCTION ARE SHOWN, IF ANY.
11. OFFSETS ARE NOT TO BE USED FOR THE REPRODUCTION OF PROPERTY LINES.
12. THE PROPOSED WELL IS NOT WITHIN 100' OF ANY KNOWN LEACHING FACILITIES.
13. REMOVE TOPSOIL, PEAT AND OTHER IMPERVIOUS MATERIALS FROM ALL AREAS BENEATH THE LEACH FIELD AND FOR A DISTANCE OF 5' THEREFROM (AS SHOWN) AND REPLACE WITH FILL MATERIAL AS SPECIFIED NOTE 6 COMPACTED IN 6" LIFTS TO AN ELEVATION EQUAL TO THE TOP OF PEA STONE WITHIN THE SYSTEM.

PERCOLATION TEST AND DEEP HOLE OBSERVATIONS

TEST PERFORMED AS PER TITLE 5.  
 DATE OF TEST: 12/21/16  
 TEST TAKEN 40" & 32" BELOW EXISTING GRADE.  
 RESULT: 11.67 & 6.67 MINUTES PER INCH  
 DESIGNED AT 15 MINUTES PER INCH.  
 PERFORMED BY: STEVEN M. BRISSETTE  
 INSPECTED BY: JAMIE TERRY

LEONARD STANLEY JALBERT  
 No. 23900  
 CIVIL ENGINEER  
 REGISTERED PROFESSIONAL ENGINEER

100 DENOTES EXISTING CONTOUR  
 100 DENOTES PROPOSED CONTOUR

ZONING: RURAL RESIDENTIAL

REQ'D.	PLAN
AREA:	1 AC 6.3 AC
FRONTAGE:	150' 187.91'
SETBACKS:	
STREET:	30' 261.3'
SIDE LINE:	20' 55.4'
REAR:	20' 159.5'

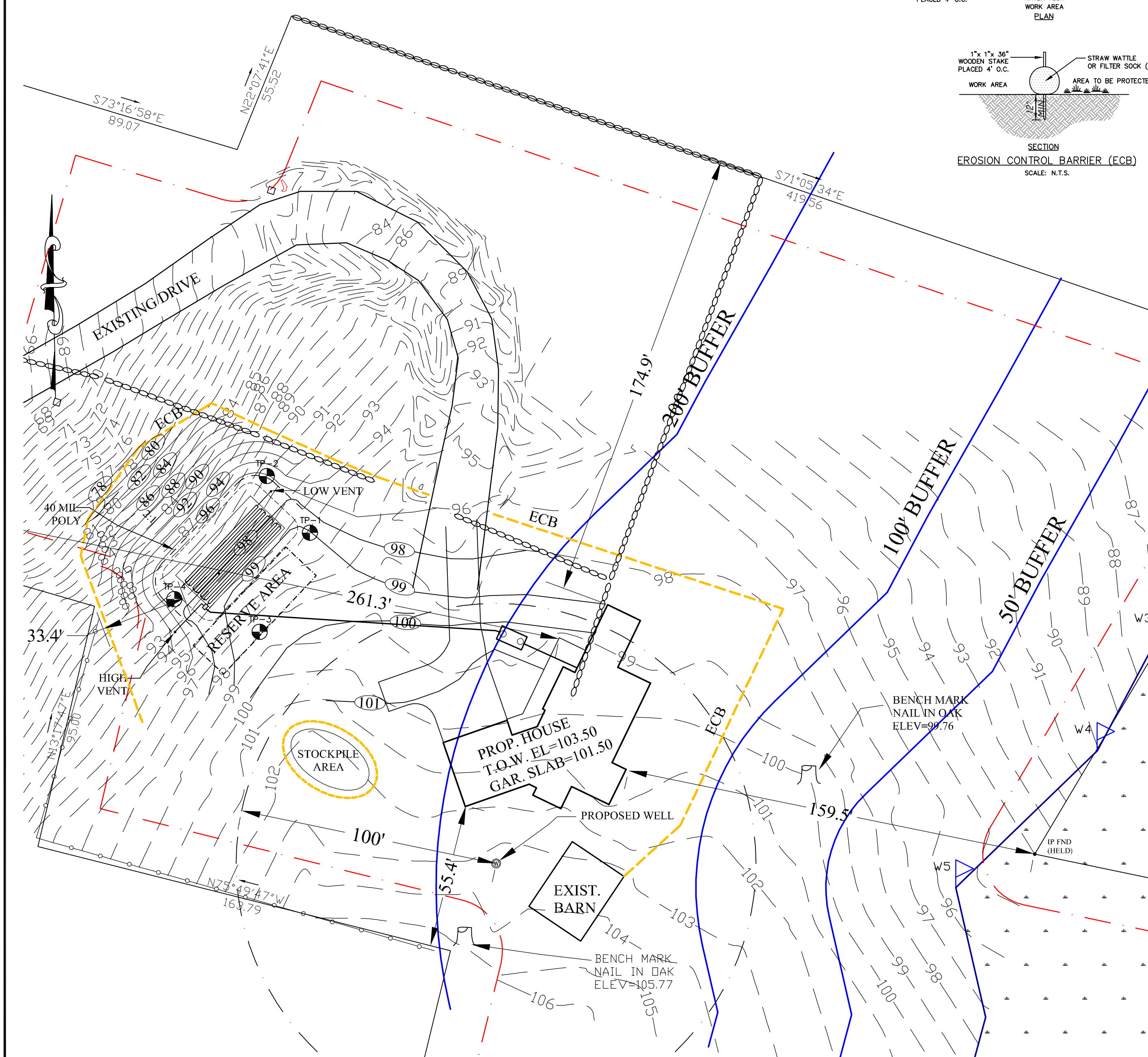
F.I.R.M. REFERENCE

COMMUNITY NO.: 25027C  
 PANEL NO.: 0829E  
 DATE: 7/4/2011

THE DESIGN SHOWN HEREON DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE.

SCOPE OF WORK

THE CONTRACTOR SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO:  
 1. ALL LABORS AND MATERIALS TO INSTALL THE SEWAGE DISPOSAL SHOWN, COMPLETE AND PLACED IN SERVICE.  
 2. INSURING ALL PERMITS HAVE BEEN OBTAINED.  
 3. PERFORMING ALL WORK IN ACCORDANCE WITH TITLE 5.  
 4. ANY MEASURES TO PROTECT THE WETLAND, IF ANY.  
 5. TIMELY EXECUTION OF THE WORK.



ORIGINAL	REVISIONS			MAINTENANCE NOTE		
Date	Rev	Date	Description	Made	Check	App.
9/6/22						
Designed	AMT	1	5/16/23	REV. ECB	AMT	LSJ
Checked	LSJ					
Drawn						
Reviewed						
Reviewed						
Approved						

THE STATE ENVIRONMENTAL CODE, STATES: "SEPTIC TANKS SHOULD BE INSPECTED AND CLEANED AT LEAST ANNUALLY."  
 NO PERMANENT STRUCTURES ARE TO BE ERCTED IN THE RESERVE AREA.  
 DO NOT PLANT TREES OVER OR NEAR THE FIELD.  
 AVOID VEHICULAR TRAFFIC OVER SYSTEM.

**JALBERT ENGINEERING, INC.**  
 CIVIL ENGINEERS & SURVEYORS

54 Main Street  
 Sturbridge, Massachusetts 01566-1244  
 Telephone: (508) 347-5136 • Toll Free: 1-800-339-5136  
 Fax: (508) 347-7962

Soil Absorption System - "NEW"  
 Located At: 26 SOUTH ROAD  
 STURBRIDGE, Massachusetts  
 For: DEREK BENDER

9/6/22  
 PLAN NUMBER  
 21107  
 REV. 1

1 IN FEET = 30 FT