



# WETLANDS PERMIT BY NOTIFICATION (PBN)

Water Division/ Wetlands Bureau  
Land Resources Management



Check the status of your notification: [www.des.nh.gov/onestop](http://www.des.nh.gov/onestop)

RSA/Rule: RSA 482-A/ Env-Wt 100-900

## 1. PROJECT TYPES

The PBN process is limited to the 14 project types listed below. Check all project types that apply and confirm the project meets the Project Specific Criteria listed in the Project Specific Criteria document for each project number checked below.

<input type="checkbox"/> 1	<p><b>Freshwater Seasonal Dock:</b> Construction or modification of a seasonal pier or wharf (dock), located on a non-tidal stream or river or in a lake or pond.</p>	<input type="checkbox"/> 8	<p><b>Culvert/Bridge Replacement:</b> The replacement of a culvert/bridge on a watercourse with a contributing watershed less than or equal to 25 acres to permit vehicular access to one single family lot or for noncommercial recreational use.</p>
<input type="checkbox"/> 2	<p><b>Retaining Wall Repair and Replacement:</b> Repair or replacement in-kind of a retaining wall (<i>in the dry during draw down</i>)</p>	<input type="checkbox"/> 9	<p><b>Beach Replenishment:</b> Replenishment of an existing non-tidal beach with less than 10 cubic yards of sand.</p>
<input type="checkbox"/> 3	<p><b>Maintenance Dredge:</b> Maintenance dredging, when necessary to provide continued usefulness of nontidal drainage ditches, man-made ponds, and spillways  <i>Stormwater detention ponds, fire ponds, or agricultural ponds may be exempt from permitting pursuant to RSA 482-A:3, IV-b. See the project specific criteria document for further information.</i></p>	<input type="checkbox"/> 10	<p><b>Seasonal Dock Anchoring Pad:</b> Construction of an anchoring pad for a seasonal dock in non-tidal waters</p>
<input type="checkbox"/> 4	<p><b>Temporary Cofferdams:</b> Temporary cofferdams and other water control devices constructed in flowing water or adjacent to dams in conjunction with the repair or maintenance of existing structures. All such work shall be designed, and supervised by a professional engineer (PE). Plans must be stamped by a PE.</p>	<input type="checkbox"/> 11	<p><b>Boatlift:</b> Installation of <i>one</i> seasonal boatlift in non-tidal waters and not within 20 feet of abutter's property line.</p>
<input type="checkbox"/> 5	<p><b>Docking Structure Repair:</b> Repair of <u>existing</u> tidal docking structures or repair of non-tidal docking structures</p>	<input type="checkbox"/> 12	<p><b>Watercraft Lift:</b> Installation of <i>one or two</i> personal watercraft lift(s) in non-tidal waters adjacent to a dock.</p>
<input type="checkbox"/> 6	<p><b>Dry Hydrant:</b> For a dry hydrant ONLY, excavation of less than 10 linear feet within the bank and bed of a surface water that does not exceed 200 square feet in total jurisdictional impact to the bed</p>	<input checked="" type="checkbox"/> 13	<p><b>Residential Utilities:</b> Installation of a residential utility line. Stream impacts limited to a contributing watershed of 25 acres.</p>
<input type="checkbox"/> 7	<p><b>Maintenance of a Non-Docking Structure:</b> Maintenance, repair or replacement of a non-docking structure.</p>	<input type="checkbox"/> 14	<p><b>Utility Right-of-Ways:</b> Temporary impacts associated with the inspection, maintenance and repair of existing utility lines within an existing utility right of way.  <b>Use the Utility Maintenance Notification form for this project type.</b></p>



Administrative Use Only	Administrative Use Only	Administrative Use Only	File No.:
			Check No.:
			Amount:
			Initials:

**2. PROJECT LOCATION**

A separate application must be filed with each municipality that jurisdictional impacts will occur in.

ADDRESS: Hall Farm Road		TOWN/CITY: New London	
TAX MAP: 86	BLOCK:	LOT: 22	UNIT:
US GEOLOGICAL SURVEY TOPO MAP WATERBODY NAME: Un named wetland			
LOCATION COORDINATES (If known): 43.4110,-71.9624 State Plane		<input checked="" type="checkbox"/> Latitude/Longitude <input type="checkbox"/> UTM <input type="checkbox"/>	

**3. PROJECT DESCRIPTION:**

Provide a brief description of the project, outlining the scope of work to be performed, including a narrative that describes the sequence of construction including pre-construction through post-construction activities and the relative timing and progression of all work. Do not write "see attached".

**The project is to compete a 48 feet long and 10 feet wide temporary disturbance of the wetland at the narrowest point to install a 4" diameter septic line to the leach field. Preconstruction will include installation of siltfence, the excavation and installation of the pipe would be done during low/ dry periods to excavate to install pipining at appropriate line and grade. The top soil will be stored separately outside jurisdictional wetlands, to be replaced after pipe installation. All work to be completed within 72 hours and silt fence to remain in place until 85% vegetation has occurred.**

**4. IMPACT AREA:**

For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact  
*Temporary = impacts not intended to remain (and will be fully restored to pre-construction conditions) after the project is completed*

Jurisdictional Area	Permanent Sq. Ft.	Temporary Sq. Ft.	Jurisdictional Area	Permanent Sq. Ft.	Temporary Sq. Ft.
Forested wetland			Lake		
Emergent wetland			Pond		
Wet meadow		480	Tidal water		
Intermittent stream			Previously-developed upland in TBZ		
Perennial stream / river			Other		



**5. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:**

See the Project Specific Criteria document for instructions to complete a &amp; b below.

a. Natural Heritage Bureau File ID: NHB 16 - 0261 .b.  Designated River the project is in ¼ miles of: \_\_\_\_\_; and  
date a copy of the application was sent to Local River Advisory Committee: Month: \_\_ Day: \_\_ Year: \_\_\_\_ NA**6. APPLICANT INFORMATION** (Desired permit holder)

NAME: John Langill, member

TRUST / COMPANY NAME: Samuel Drive, LLC

MAILING ADDRESS: 559 Pembroke Street

TOWN/CITY: Pembroke

STATE: NH

ZIP CODE: 03275

PHONE: 603-228-9888

EMAIL or FAX:

ELECTRONIC COMMUNICATION: By initialing here: \_\_\_\_\_, I hereby authorize DES to communicate all matters relative to this application electronically

**7. PROPERTY OWNER INFORMATION** (If different than applicant)

NAME:

COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

PHONE:

EMAIL or FAX:

ELECTRONIC COMMUNICATION: By initialing here \_\_\_\_\_, I hereby authorize DES to communicate all matters relative to this application electronically

**8. AUTHORIZED AGENT INFORMATION**

NAME: Jennifer McCourt, PE, Manager

COMPANY NAME: McCourt Engineering Associates, PLLC

MAILING ADDRESS: 42 Ezekiel Smith Road

TOWN/CITY: Henniker

STATE: NH

ZIP CODE: 03242

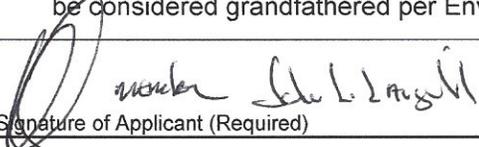
PHONE: 603-428-6682

EMAIL or FAX: mccourtengineering@tds.net

ELECTRONIC COMMUNICATION: By initialing here JBM, I hereby authorize DES to communicate all matters relative to this application electronically

## 9. CONDITIONS AND SIGNATURE

- a. I have reviewed the Project Specific Criteria documents for each project type checked on page 1 of this form and by signing below I am confirming the project meets all of the outlined project specific criteria (Env-Wt 506.03(k))
- b. Within 10 days following completion of the project, the applicant shall submit to the department confirmation of completion of the project, by either paper copy or electronically, with dated, labeled, photograph(s), mounted on 8½" x 11" sheets if paper copy, or digital photo(s) if electronic, depicting the areas where the impact occurred.
- c. All abutters have been notified in accordance with RSA 482-A:3, I.
- d. The project is at least 20 feet from an abutting property line or imaginary extension thereof over surface water unless it receives written agreement from the affected abutter concurring with any impact that may result relative to the abutter's interests. This letter must be notarized if your project is a boat docking facility (RSA 482-A:3-XIII(c)). Notarized abutter permission is not required for maintenance projects.
- e. I authorize the municipal conservation commission to inspect the site of the proposed project.
- f. I have reviewed the information being submitted, and that to the best of my knowledge, the information is true and accurate.
- g. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
- h. I am aware that the work I am proposing may require additional state, local or federal permits.
- i. I will confirm the PBN is complete or disqualified by checking the "One-Stop Wetland Permits Query" as outlined in the project specific document or by telephone at 603-271-2147 before starting work, and I will record the Wetlands File Number on the Notification Conditions page in the Project Specific Criteria document.
- j. I will post the completed Notification Conditions at a location on the project property visible to representatives from NHDES and/or the municipal conservation commission.
- k. If this Permit by Notification project is for the installation, construction, or repair of a dock, docking facility, or marina, I will record each permit granted in the registry of deeds for the county or counties in which the real estate is located and provide the department with a copy of the permit stamped by the registry with the book and page and date of receipt. I understand that the permit shall not be effective until so recorded (RSA 482-A:3, VI and Env-Wt 402.20).
- l. The mailing addresses I have provided are up to date and appropriate for receipt of NHDES correspondence. NHDES will not forward returned mail.
- m. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.44.

 Signature of Applicant (Required)	John Langill, member Print name legibly	3/19/16 Date
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The applicant signing and certifying acknowledgement and comprehension of permit conditions **a through m** above is the: (check one below):

- Property Owner  
 Agent acting on behalf of the Property Owner

## 10. APPLICATION SUBMITTAL DIRECTIONS

1. Review the Project Specific Criteria document for each project number checked on page 1 to confirm your project qualifies for the PBN process and for a list of and instructions for the required attachments. If all of the required attachments are not provided, this notification and attachments will be returned to you.
2. If you would like your notification processed by NHDES within 10 days, you must obtain the municipal conservation commission or local governing body signature **prior** to submitting the final application to the Town/City Clerk for signature.
3. If sought, obtain the Conservation Commissions signature as outlined below, number 11;
4. Submit four copies of the application form and materials to the Town/City Clerk and submit the original application form bearing the signature of the Town/City Clerk, additional materials and application fee (\$200) to NHDES by mail or hand delivery.
5. To confirm completion or disqualification of your PBN you must check the "One-Stop Wetland Permits Query" as outlined in the Project Specific Criteria document and record the Wetlands File Number on the Notification Conditions page in your Project Specific Criteria document. **NOTE: YOU WILL NOT RECEIVE CORRESPONDENCE FROM NHDES UNLESS THE FORM IS INCOMPLETE OR DENIED.**

[shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) or (603) 271-2147  
NHDES Wetlands Bureau, 29 Hazen Drive, PO BOX 95, Concord, NH 03302-0095  
[www.des.nh.gov](http://www.des.nh.gov)

## MUNICIPAL SIGNATURES

### 11. CONSERVATION COMMISSION SIGNATURE - REQUIRED FOR 10 DAY PROCESSING

*The Conservation Commission is not required to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for 10 day processing and will be processed in 25 days.*

The signature below certifies that the municipal conservation commission or local governing body has reviewed this application, and: a) waives its right to intervene per RSA 482-A:11; b) believes that the application and submitted plans accurately represent the proposed project; and c) has no objection to permitting the proposed work.

Authorized Commission Signature	Print name legibly	/ / Date
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### 12. TOWN / CITY CLERK - All applications require this section to be completed by the Town/City Clerk

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

Town/City Clerk Signature	Print name legibly	/ / Date	Town/City
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#### DIRECTIONS FOR TOWN/CITY CLERK Per RSA 482-A:3,I:

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above;
2. Return the signed original application form and attachments to the applicant so that they may submit the application and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board; and
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

#### DIRECTIONS FOR APPLICANT

1. IMMEDIATELY submit the original permit application form bearing the signature of the Town/ City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery.

[shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) or (603) 271-2147  
 NHDES Wetlands Bureau, 29 Hazen Drive, PO BOX 95, Concord, NH 03302-0095  
[www.des.nh.gov](http://www.des.nh.gov)

**Abutters List**  
**Samuel Drive, LLC**  
*MEA Project No. 214-0203-3*

<b>Tax Map</b>	<b>Lot(s)</b>	<b>Owner's Name &amp; Address</b>
86	22	Samuel Drive, LLC
86	22.1, 22.7, 22.6	559 Pembroke Street Pembroke, NH 03275

<b>Tax Map</b>	<b>Lot(s)</b>	<b>Abutter's Name &amp; Address</b>
97	01	Cleveland Family Trust 711 Main Street New London, NH 03257



**To:** Jennifer McCourt  
42 Ezekeil Smith Road  
Henniker, NH 03242

**Date:** 1/27/2016

**From:** NH Natural Heritage Bureau

**Re:** Review by NH Natural Heritage Bureau of request dated 1/27/2016

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO  
THE NHDES WETLANDS BUREAU

NHB File ID: NHB16-0261

Applicant: Jennifer McCourt

Location: Tax Map(s)/Lot(s): 86 & 22  
New London

Project Description: Residential utility crossing

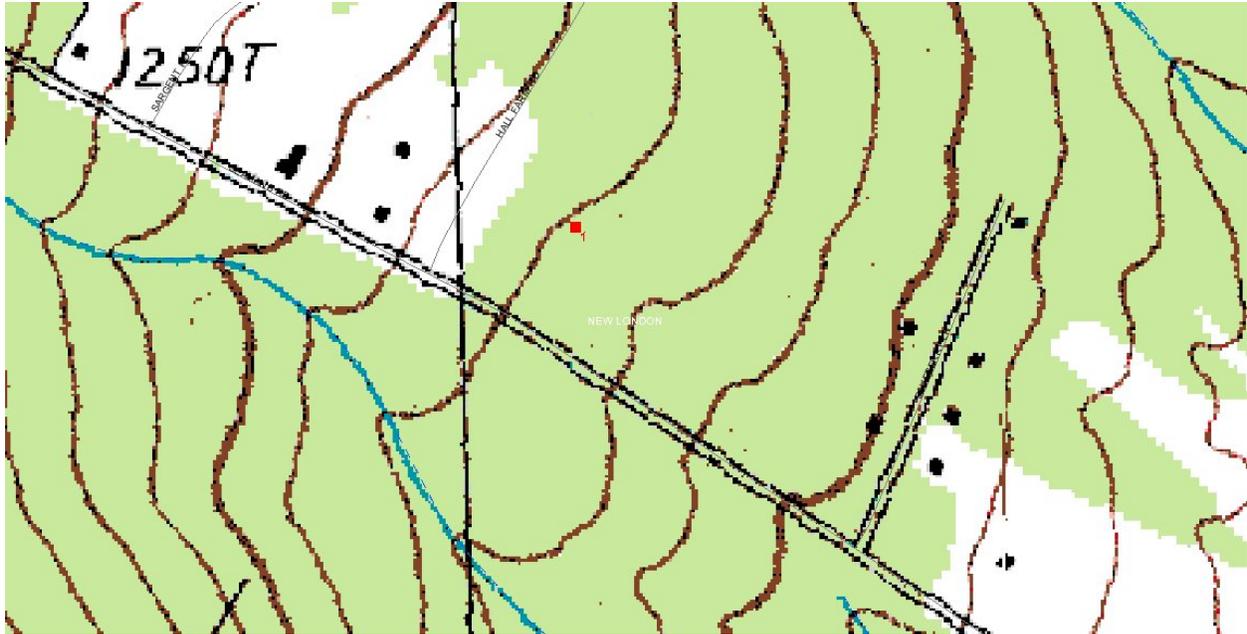
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

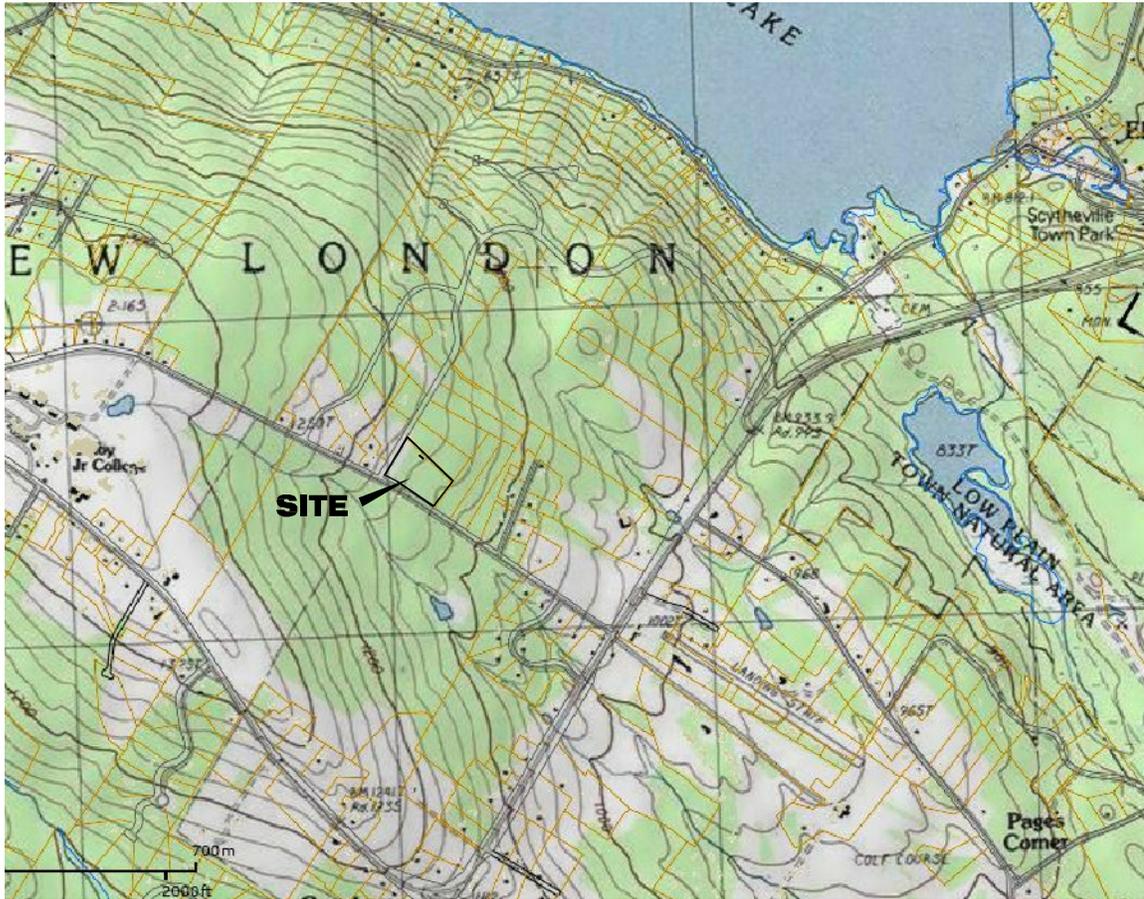
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 1/26/2017.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB16-0261





**M** McCOURT  
ENGINEERING  
ASSOCIATES, PLLC  
*Civil Engineering & Land Planning*  
42 Ezekiel Smith Road, Henniker, NH 03242  
mccourtengineering@tds.net  
(603) 428-6682

TITLE:

USGS QUAD LOCATION MAP  
SAMUEL DRIVE, LLC  
MAP 86 LOT 22, HALL FARM ROAD, NEW LONDON, NH

DATE: MARCH 2016

SCALE: 1"= 2000'

JOB# 214-0203-1 FIGURE 1



**M** McCOURT  
ENGINEERING  
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*Civil Engineering & Land Planning*  
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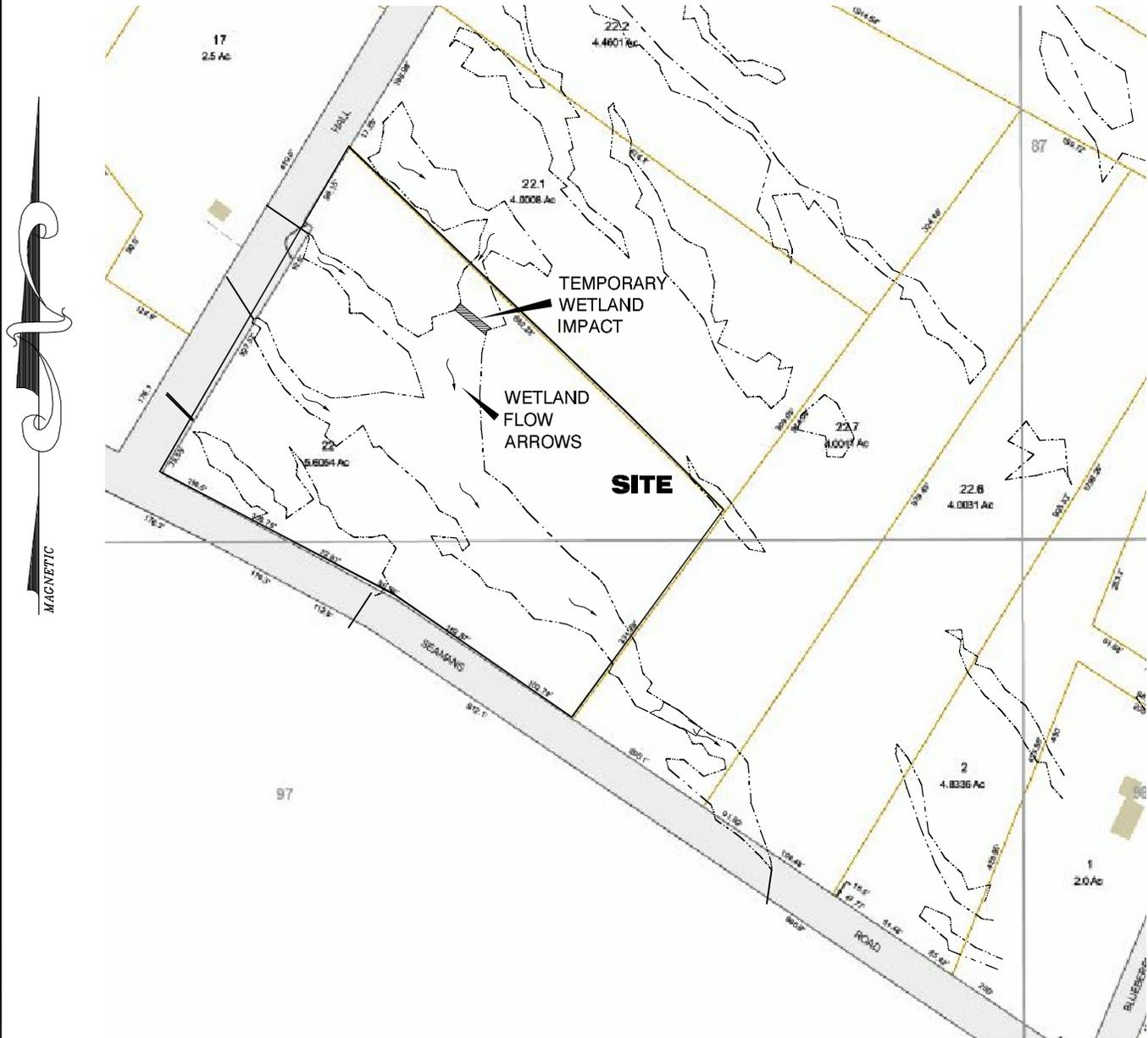
TITLE:

TAX MAP LOCATION MAP  
SAMUEL DRIVE, LLC  
MAP 86 LOT 22, HALL FARM ROAD, NEW LONDON, NH

DATE: MARCH 2016

SCALE: 1" = 300'

JOB# 214-0203-1 FIGURE 1



**McCOURT ENGINEERING ASSOCIATES, PLLC**  
 Civil Engineering & Land Planning  
 42 Ezekiel Smith Road, Henniker, NH 03242  
 mccourtengineering@tds.net  
 (603) 428-6682

TITLE:  
 AREA STORM WATER FLOW  
 SAMUEL DRIVE, LLC  
 MAP 86 LOT 22, HALL FARM ROAD, NEW LONDON, NH

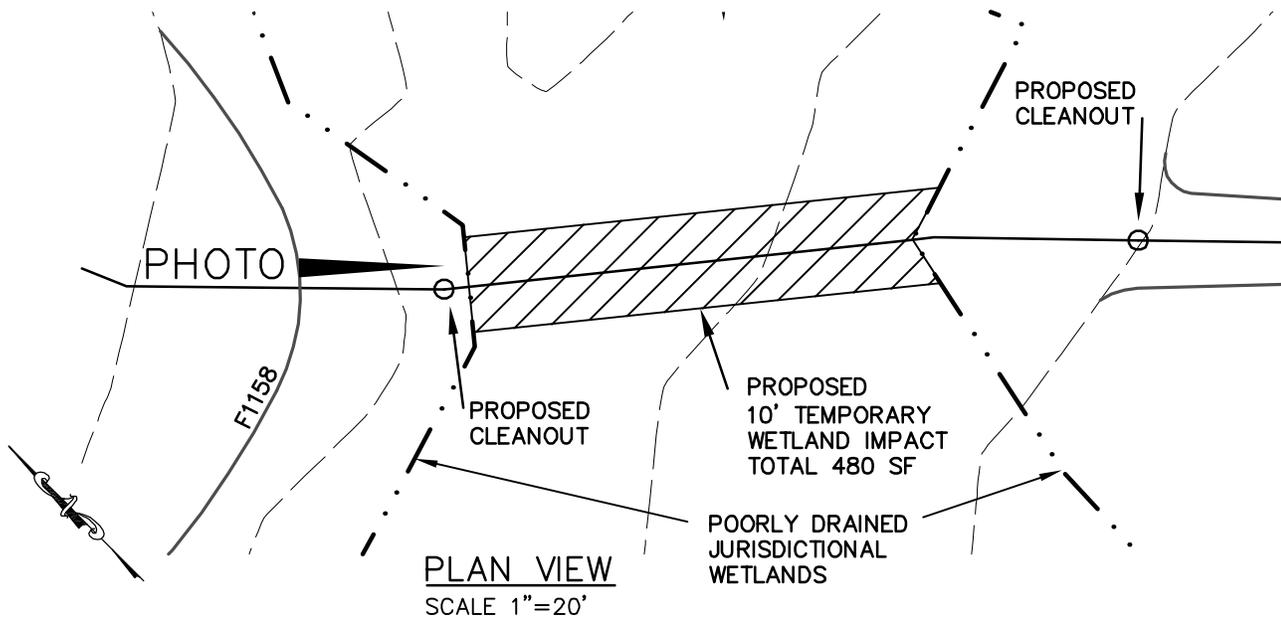
DATE: MARCH 2016      SCALE: 1" = 200'      JOB# 214-0203-1 FIGURE 1



PICTURE TAKEN 02/26/16

WORK TO INCLUDE:

1. INSTALL SILT FENCE AS SHOWN ON SEPTIC PLAN.
2. STRIPPING TOP SOIL AND SEPARATELY STOCK PILING.
3. TRENCHING, INSTALLING AND BACKFILLING FOR SEPTIC PIPE.
4. STOCK PILED TOP SOIL TO BE USED ON FINAL 6" OF BACKFILL.
5. AREA OF DISTURBANCE TO BE MULCHED WITH HAY.
6. SILT FENCE TO BE REMOVED WHEN 85% VEGETATION IS OBTAINED.



**EM** McCOURT  
ENGINEERING  
ASSOCIATES, PLLC  
Civil Engineering & Land Planning  
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(603) 428-6682

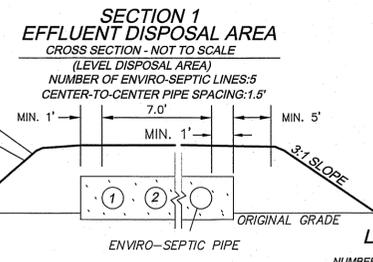
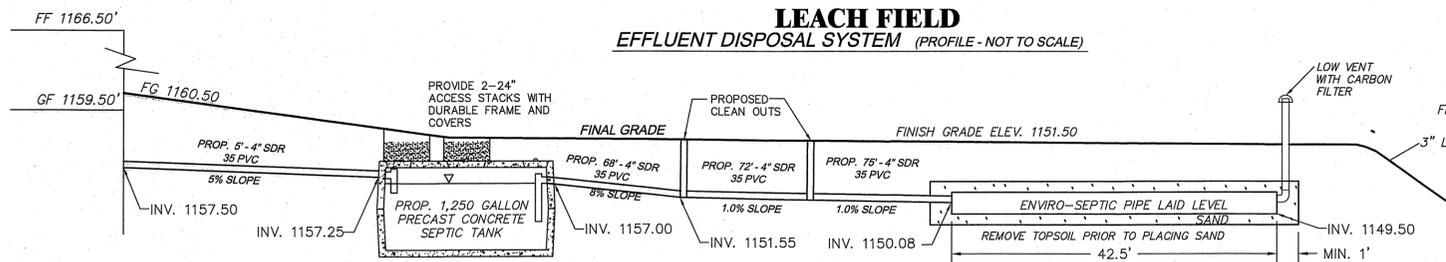
TITLE:

SITE PHOTOGRAPH  
SAMUEL DRIVE, LLC  
MAP 86 LOT 22, HALL FARM ROAD, NEW LONDON, NH

DATE: MARCH 2016

SCALE: 1"= 300'

JOB# 214-0203-1 FIGURE 1



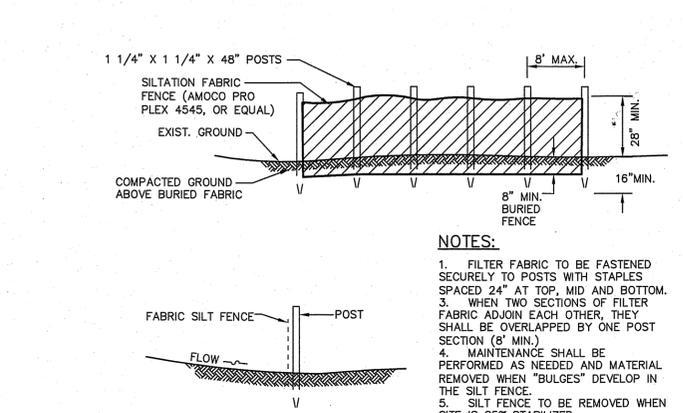
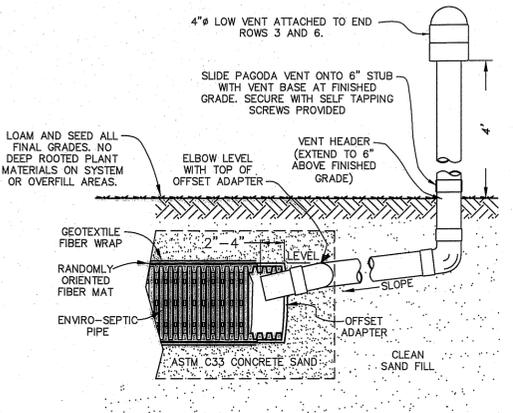
**SOILS**  
SOIL INFORMATION IS TRANSLATED FROM THE USDA NRCS WEB SOIL SURVEY 2.0 THE SOIL IN THE AREA OF THE PROPOSED ISDS IS: 4B0D = MILLSITE-WOODSTOCK-HENNIKER COMPLEX, 15-25% SLOPES, VERY STONY

**SEPTIC TANK, D-BOX & VENTING NOTES**

- 1) LOW VENTS TO BE A MINIMUM OF 4' ABOVE FINISH GRADE.
- 2) INLET AND OUTLET Baffles TO BE VENTED TEES AND CONFORM TO NHDES ENV-WQ 1010.07.
- 3) ALL CONCRETE COMPONENTS TO BE BY PHOENIX PRECAST PRODUCTS OR APPROVED EQUAL AS APPROVED BY DESIGNER.
- 4) IN THE EVENT OF SYSTEM FAILURE, THIS SYSTEM WILL HAVE TO BE REBUILT IN PLACE OR REJUVENATED.

**NOTES**

- 1) ENVIRO-SEPTIC® WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS ITA #2008-03-01 IN ACCORDANCE WITH PART ENV-WQ 1024. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE NEW HAMPSHIRE ENVIRO-SEPTIC® MANUAL.
- 2) 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.PRESEBYENVIRONMENTAL.COM
- 3) ALL CONFIGURATIONS OF ENVIRO-SEPTIC® REQUIRE A MINIMUM OF 6" OF SYSTEM SAND SURROUNDING THE CIRCUMFERENCE OF THE PIPE. THIS SAND, TYPICALLY GRAVELY COARSE SAND, MUST ADHERE TO THE FOLLOWING PERCENTAGE AND QUALITY RESTRICTIONS. PERCENTAGE RESTRICTIONS: 35% OR LESS OF THE TOTAL SAND MAY BE GRAVEL. 40%-90% OF THE TOTAL SAND IS TO BE COARSE AND VERY COARSE SAND. GRAVEL QUALITY RESTRICTIONS: NO GRAVEL IS TO EXCEED 3/4" IN DIAMETER. NO GRAVEL IS SMALLER THAN 2MM/.0787" IN DIAMETER. (IT MUST NOT PASS THROUGH A #10 SIEVE.) COARSE SAND QUALITY RESTRICTIONS: NO COURSE SAND IS SMALLER THAN 0.5MM/.0196" IN DIAMETER. (IT MUST NOT PASS THROUGH A #35 SIEVE.) FINE QUALITY RESTRICTIONS: NO MORE THAN 2% OF THE TOTAL SAND MAY PASS THROUGH A #200 SIEVE. ASTM STANDARD: C-33 (CONCRETE SAND) MEETS THE ABOVE REQUIREMENTS.
- 4) INSTALLER TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
- 5) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 6) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS, HAZARDOUS WASTE ETC. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 7) MAINTENANCE: RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SCUM EQUALS MORE THAN 1/4 OF THE LIQUID DEPTH INSIDE THE TANK.
- 8) 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.
- 9) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-WQ 1000. "APPROVAL FOR CONSTRUCTION" IS VALID FOR 4 YEARS FROM DATE OF ISSUE.



**LEGEND**

EXISTING	PROPOSED
TEST PIT	BUILDING
UTILITY POLE	CONTOUR NORMAL
BENCH MARK	CONTOUR HIGH
CONTOUR NORMAL	PROPERTY LINE
CONTOUR HIGH	STONE WALL
PROPERTY LINE	EDGE OF PAVEMENT
STONE WALL	EDGE OF GRAVEL
EDGE OF PAVEMENT	WETLANDS
EDGE OF GRAVEL	DRAIN LINE
WETLANDS	
DRAIN LINE	

**SOIL INFORMATION**

DATE	TEST PIT	ESTIMATED SEASONAL HIGH WATER TABLE @	PERC. TEST	DEPTH OF PERC.	WATER @
JUNE 18, 2014	TP 30	@ 22"	6-18"	4"	NONE
JUNE 18, 2014	TP 31	@ 18"	6-18"	4"	NONE
JANUARY 29, 2016	TP 38	@ 18"	4-10"	7-14"	NONE
JANUARY 29, 2016	TP 39	@ 18"	4-10"	7-14"	NONE
JANUARY 29, 2016	TP 301	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 302	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 303	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 304	@ 18"	4-10"	7-14"	60"

**LEDGE PROBES**

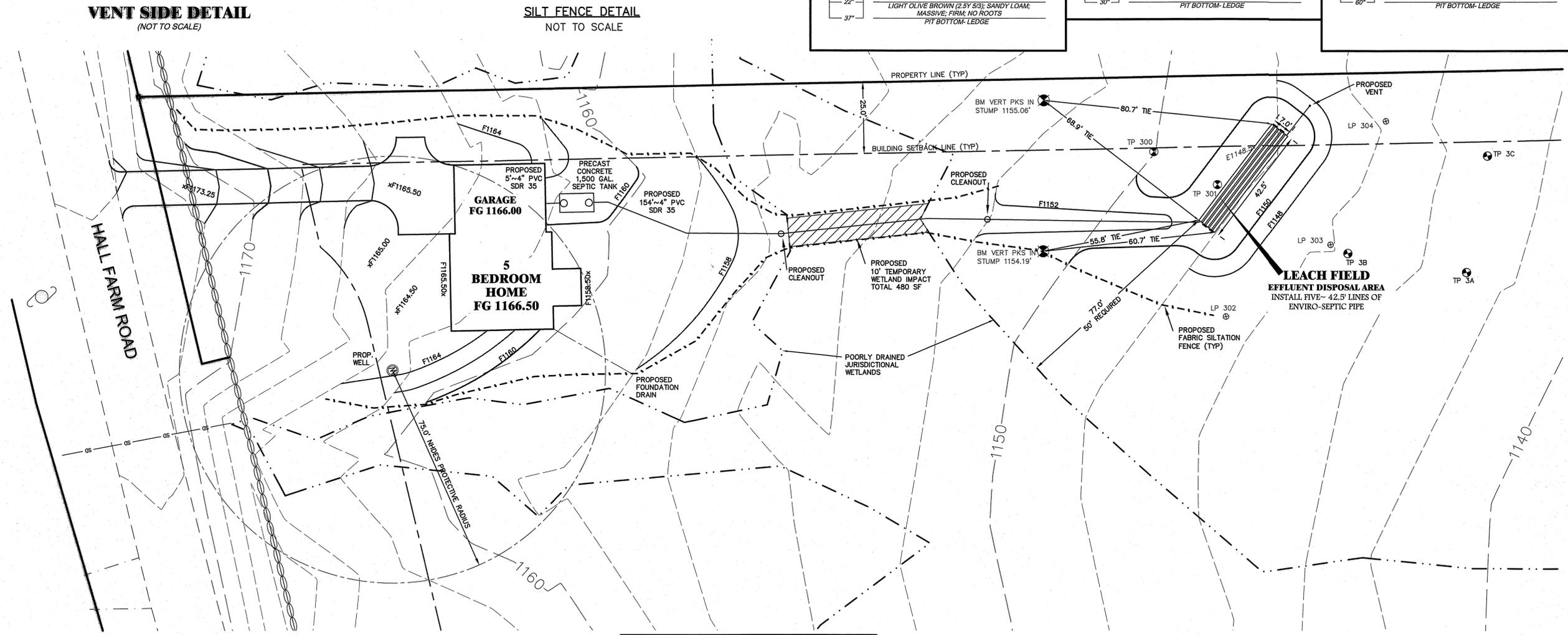
NUMBER	DEPTH TO LEDGE	DATE
LP 302	36"	01/29/2016
LP 303	37"	01/29/2016
LP 304	36"	01/29/2016

**SOIL INFORMATION**

DATE	TEST PIT	ESTIMATED SEASONAL HIGH WATER TABLE @	PERC. TEST	DEPTH OF PERC.	WATER @
JANUARY 29, 2016	TP 301	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 302	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 303	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 304	@ 18"	4-10"	7-14"	60"

**SOIL INFORMATION**

DATE	TEST PIT	ESTIMATED SEASONAL HIGH WATER TABLE @	PERC. TEST	DEPTH OF PERC.	WATER @
JANUARY 29, 2016	TP 301	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 302	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 303	@ 18"	4-10"	7-14"	60"
JANUARY 29, 2016	TP 304	@ 18"	4-10"	7-14"	60"

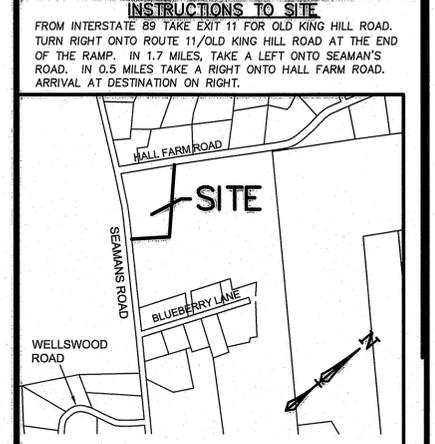


**DESIGN CRITERIA**

- LOADING: 5 BEDROOM HOUSE = 150 GPD \* 5 = 750 GPD
- SERVED BY AN ON-SITE WELL
- PERCOLATION RATE: 4 MIN./INCH
- ENVIRO-SEPTIC PIPE REQUIRED: 207 LINEAR FEET
- ENVIRO-SEPTIC PIPE PROVIDED: 212.5 LINEAR FEET
- INSTALL 4 LINES OF ENVIRO-SEPTIC PIPE 42.5' LONG
- SEPTIC TANK VOLUME REQUIRED: 1500 GALLONS
- SEPTIC TANK VOLUME PROVIDED: 1500 GALLONS
- NITRATE SETBACKS: 10'
- ALL PRECAST CONCRETE PRODUCTS BY PHOENIX PRECAST- NO PRODUCT SUBSTITUTIONS PERMITTED WITHOUT PRIOR APPROVAL OF DESIGNER.

**INSTRUCTIONS TO SITE**

FROM INTERSTATE 89 TAKE EXIT 11 FOR OLD KING HILL ROAD. TURN RIGHT ONTO ROUTE 11/OLD KING HILL ROAD AT THE END OF THE RAMP. IN 1.7 MILES, TAKE A LEFT ON SEAMAN'S ROAD. IN 0.5 MILES TAKE A RIGHT ONTO HALL FARM ROAD. ARRIVAL AT DESTINATION ON RIGHT.



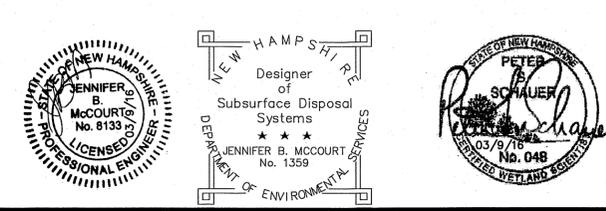
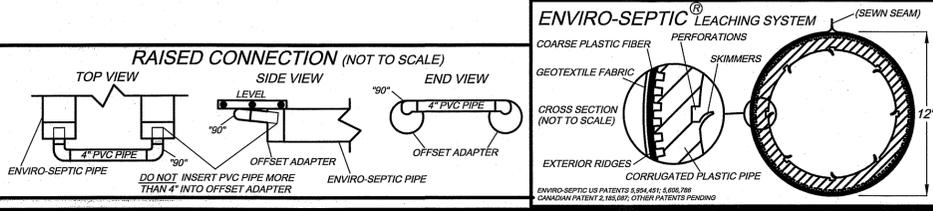
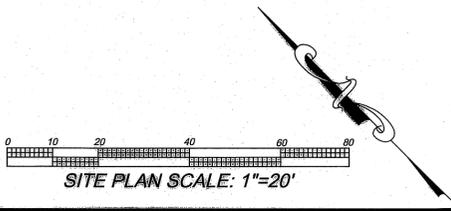
**NOTE:** BEFORE INSTALLATION, INSTALLER MUST VERIFY ALL ELEVATIONS AND DISTANCES. CONTACT DESIGNER IF ANY DISCREPANCIES ARE FOUND.

**DESIGN INTENT**  
BOTTOM OF ENVIRO-SEPTIC PIPE TO BE CONSTRUCTED AT 1149.50 ELEVATION. THERE IS APPROXIMATELY 12" ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL AREA.

PREPARED BY: **M McCOURT ENGINEERING ASSOCIATES, PLLC**  
Civil Engineering & Land Planning  
42 Ezekiel Smith Road, Henniker, NH 03242  
mccourtengineering@tds.net  
(603) 428-6682

EFFLUENT DISPOSAL SYSTEM DESIGN  
**SEPTIC PLAN**  
MAP 86 - LOT 22  
HALL FARM ROAD, NEW LONDON, NH  
OWNED BY: SAMUEL DRIVE, LLC  
559 PEMBROKE STREET, PEMBROKE, NH 03275  
MARCH 2016 SCALE: 1" = 20'

REVISED: **JOB # 214-0203-1 SHEET 1 OF 1**



**WETLAND CERTIFICATION:**  
PETER S. SCHAUER, CERTIFIED WETLAND SCIENTIST #48, OF SCHAUER ENVIRONMENTAL CONSULTANTS, L.L.C. OF LOUDON, NH, PERFORMED THE WETLAND MAPPING ON MAY 9, 2014 ACCORDING TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, US ARMY CORPS OF ENGINEERS.