

Appeal Period Expires 3/2/18  
Zoning District AK

Town of Essex, Vermont  
**Application for Zoning Permit**  
www.essex.org

Application Date 1/1/18  
Permit Number 2018-020

All construction is to be completed in accordance with the Town of Essex Zoning Regulations and any/all federal or state regulations now in effect. You are required to post this permit in a conspicuous location on the property during the appeal period and it must remain posted throughout the construction period. You are required to contact the necessary state agencies to obtain state permits @ 477-2241 (Jeff McMahon, Permit Specialist).

Any interested person may appeal the decision of the Zoning Administrator to the Zoning Board of Adjustment within fifteen (15) days of the permit's date of issuance. Commencing construction within this fifteen (15) day appeal period is prohibited by law.

Signed: Jessica Baver John Tim

**A** Parcel Account Numb. (Map-Parcel-Lot) 2- 014-036-102  
(found in Town Assessor's Office)  
Property Address: 41 Brigham Hill Road  
Owner: Joshua D. Ture & Jessica M. Baver  
Owner Address: 1 Margaret St  
Owner Phone: (work) \_\_\_\_\_ (home) \_\_\_\_\_  
(cell) 802-338-6780 (Email) Jess.m.Baver.13@gmail.com  
Contractors name: PPM LLP Phone: 802-849-2355  
DAKES EXCAVATION (2 gmail.com) Jess X Cell: 802-752-8153  
Estimated Construction Dates: Start: 2/21/2018 Completion: 1/1/18  
Sq. Feet: 1,664 Estimated Cost (labor & materials): \$257,000.00

**B** Sewage Disposal (Please attach Sewer or Septic Application).  
Public  Private  Connection Fee \$ \_\_\_\_\_ Date Paid: 1/1/18  
Proposed New Bedrooms: 3 Existing Bedrooms 0

**C** Water (Please attach Water Service Application). WW-4-4783  
Public  Private  Fee \$ \_\_\_\_\_ Date Paid: 1/1/18  
Approved four bedroom

**D** Driveway (Please attach copy of approved Curbcut / Utility Application).  
Date of approval 2/14/18 AARON

**E** Stormwater  
 Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application.  
 Project creates new or expands existing impervious surface greater than or equal to 1/2 acre – Erosion Control Permit and Stormwater Management Permit required. Attach completed permit application.

**F** Diagram – Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet.

**G** To Be Constructed Pursuant to  
Planning Commission approval #  
2017-19  
Signature of Tenant and  
Signature of Owner Jessica Baver

**G**

Check box(es) which describe proposed use or construction (circle choice in parenthesis).  
N = New A = Addition R = Remodel

Residential:	N	A	R
Single Family <u>unfinished basement</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Two-family (duplex)(other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condominium / Townhouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inclusions or Additions: <u>2 cars</u>			
Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Deck BACK</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shed <u>10x10</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-residential:			
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater:			
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:			
Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Office Use Only**

Fees:	Type	Amount	Date Pd
Permit		<u>\$587.50</u>	<u>1/1/18</u>
Recreation		<u>\$628.00</u>	<u>1/1/18</u>
Recording		<u>\$20.00</u>	<u>1/1/18</u>
Certificate of Occ		<u>\$75.00</u>	<u>1/1/18</u>
Other		\$ _____	____/____/____

**Building Permit**  
Approved  Rejected  Date 2/15/18  
Issued to: Joshua Ture & Jessica Baver  
Zoning Administrator: Shawn Kelly / JB  
Notes: RBES Street  
C.O. Required Yes  No

### TOWN OF ESSEX, VERMONT APPLICATION FOR CURB CUT / UTILITY PERMIT

Pursuant to Title 19 V.S.A. Section 43. Application for curb cut and Utility Installation in Town Right-of-Way

All applications for curb cuts and utility installations shall be submitted to the Director of Public Works / Town Engineer for review. Applicants shall submit the information requested on this form and any additional information requested by the Director of Public Works / Town Engineer for a clear understanding of this application. The permit is issued under authority of the Town Manager in accordance with Section 601 of the Town Charter and 24 V.S.A. paragraph 1236 (2).

Application No. \_\_\_\_\_ / \_\_\_\_\_  
Date

Property Address: 41 BROOMHILL HILL RD

Owner Address: 10 PARKER LN. WESTFORD VT. 1 Margaret St Essex Jct

Owner Name: JOSH TOURE / Jessica Bulger

Phone Number: (home) \_\_\_\_\_ (work) 802 863-5062 (cell) 802-363-7511  
802 336-0780

Tax Map # 014 Tax Parcel 036 Tax Lot 102

Application is for: (check one)

A) New Curb Cut  B) Utility Installation: Overhead  Underground

Please use attached diagram to describe location and type of installation.

Comments be Director of Public Works / Town Engineer:

Culvert : Yes  No  Water Bar(s) : Yes  No

Culvert Diameter: (18 inch minimum) \_\_\_\_\_ Total length of Culvert: (30 foot minimum) \_\_\_\_\_

\*\*\* FOR OFFICE USE ONLY \*\*\*

Signature of Owner:

Jessica Bulger Jessica Bulger

Fee Paid \$ \_\_\_\_\_

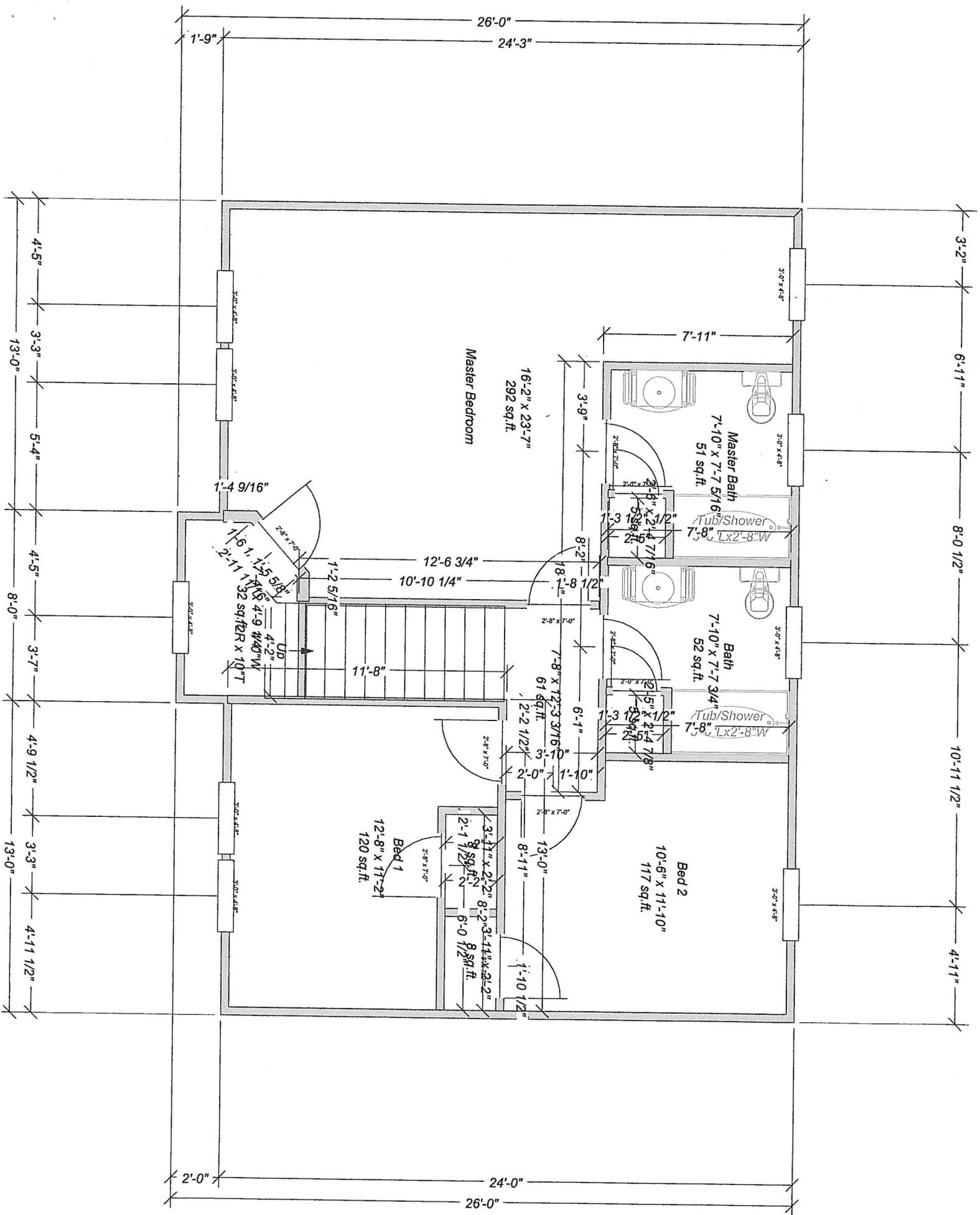
Approved  Rejected

Per Authority of the Town Manager by the  
Director of Public Works / Town Engineer

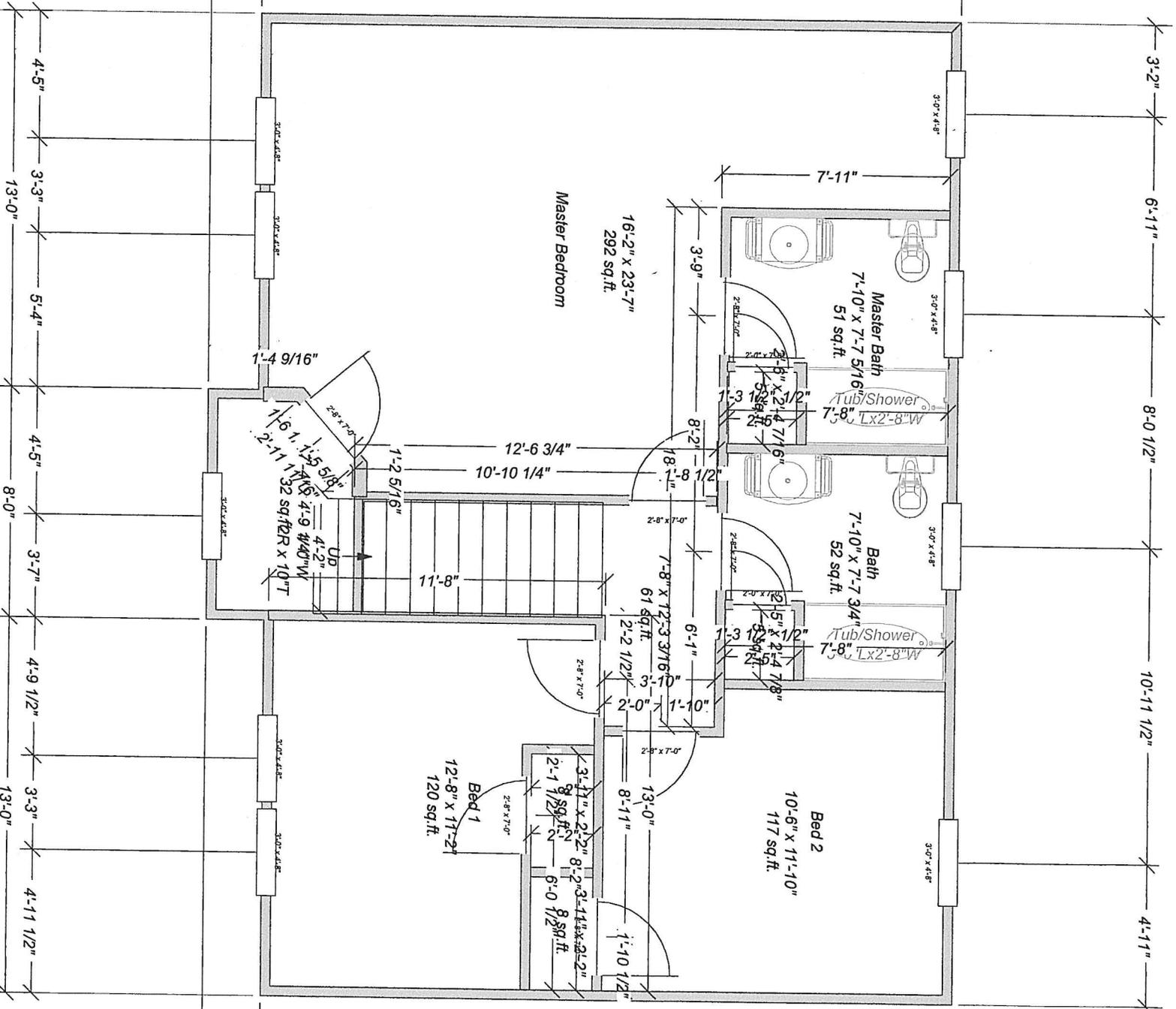
1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant
3. Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.





26'-0" 1'-9" 24'-3"



2'-0" 24'-0" 26'-0"

**WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT**
**LAWS/REGULATIONS INVOLVED**

10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit  
Wastewater System and Potable Water Supply Rules, Effective September 29, 2007  
Chapter 21, Water Supply Rules, Effective December 1, 2010

**Landowners: Samuel Shearer  
39 Brigham Hill Road  
Essex VT 05452**

**Permit Number: WW-4-4783**

**Jean Shearer  
39 Brigham Hill Road  
Essex VT 05452**

This permit affects the following properties in the Town of Essex, Vermont:

<b>Lot</b>	<b>Parcel</b>	<b>Acres</b>	<b>Book/Page#'s</b>
<b>1</b>	10-004-000	5.12	Book:196 Pages:321-322
<b>2</b>	10-004-000	5.60	Book:196 Pages:321-322
<b>3</b>	10-004-000	4.70	Book:198 Pages:321-322
<b>39 Brigham Hill Road</b>	10-004-000	15.42	Book:196 Pages:321-322

This project, consisting of a three lot, single family residence subdivision, Lot 1 (5.12 Acres) with an existing, four bedroom single family residence utilizing an existing, individual on-site drilled well water supply and existing, individual on-site wastewater disposal system and Lot 2 (5.6 Acres), Lot 3 (4.7 Acres) for proposed four bedroom single family residences utilizing individual on-site drilled well water supplies and individual, on-site wastewater disposal systems off Brigham Hill Road in the Town of Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

**1. GENERAL**

- 1.1 The project shall be completed as shown on the plans and/or documents prepared by JH Stuart Associates (John H. Stuart), with the stamped plans listed as follows:

<b>Title</b>	<b>DWG.</b>	<b>Plan Date</b>	<b>Revision Date</b>
<b>Proposed Residential Subdivision</b>	1 of 3	09/14/2016	03/17/2017
<b>Wastewater Plan and Specifications</b>	2 of 3	02/03/2017	03/17/2017
<b>Subdivision Details</b>	3 of 3	01/24/2017	03/17/2017

- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits PRIOR to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; or other State departments and local officials.
- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Town of Essex Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.



- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Town of Essex Land Records and ensure that copies of all certifications are sent to the Secretary.
- 1.5 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer (or where allowed, the installer) that states:

*"I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with the permitted design and all the permit conditions, were inspected, were properly tested, and have successfully met those performance tests",*

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.
- 1.6 Lot 1 is approved with the existing, four bedroom single family residence. No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.7 Lot's 2 and 3 are approved for the construction of one, four bedroom single family residence on each lot. No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.8 Each purchaser of any portion of Lot's 2 and 3 shall be shown copies of the Wastewater System And Potable Water Supply Permit, the stamped plans, and **Innovative/Alternative System Approval letter #2001-01-R8 for the AdvanTex® Treatment System AX2oRT** prior to conveyance of the lot. The owner of a property where an Innovative/Alternative System has been installed shall comply with all the conditions in the Innovative/Alternative Approval letter that is incorporated with this permit including a maintenance agreement for the system.
- 1.9 Each new owner of the property shall inform the Drinking Water and Groundwater Protection Division and vendor within 30 days of the transfer of the property and include the name and mailing address of the new owner.
- 1.10 Lot's 2 and 3 are approved for wastewater disposal by construction and utilization of the site-specific **Innovative/Alternative System** wastewater disposal system depicted on the stamped plans. The Drinking Water and Groundwater Protection Division shall allow no other method or location of wastewater disposal without prior review and approval.
- 1.11 A user's manual for the Innovative/Alternative treatment system shall be developed and provided by the system designer at the time the system "as built" drawings are completed and submitted to the owner.
- 1.12 A qualified Vermont Licensed Designer, shall, upon completion and prior to placing the system in use, report in writing to the Division that the installation was accomplished in accordance with the **Innovative/Alternative System Approval Letter**, stamped plans and permit conditions. The Drinking Water and Groundwater Protection Division is to be notified if at any time the wastewater disposal system fails to function properly and/or creates a health hazard.
- 1.13 A qualified Vermont Licensed Designer shall perform all periodic inspections of the **Innovative/Alternative** treatment system pursuant to the requirements as outlined in the **Innovative/Alternative System Approval Letter**. A written report of the inspection shall be submitted to the Division within 30 days of the inspection.
- 1.14 The wastewater system serving the approved lot(s) is an Innovative/Alternative System and there are special requirements that apply. Please refer to the attached document titled Innovative/Alternative System Approval for the additional requirements that apply.
- 1.15 The Operating and Maintenance manual for the Innovative/Alternative treatment unit prepared by the vendor shall be provided to the landowner by the system designer at the time the system start-up.

- 1.16 Following placing the system into use, completion of all periodic inspections shall be pursuant to the conditions and requirements outlined in the Innovative/Alternative System Approval Letter. A written report for each inspection shall be submitted to the Division.
- 1.17 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.18 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

## 2. WATER SUPPLY

- 2.1 Lot 1 is authorized to utilize the existing on-site water supply system having a maximum design flow of **490 gallons** per day provided the potable water supply is operated at all times in a manner that keeps the supply free from contamination. No changes shall be made to the existing water system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. No other means of obtaining potable water shall be allowed without prior review and approval by the Drinking Water and Groundwater Protection Division unless otherwise exempt. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 2.2 Lot's 2 and 3 are approved for a potable water supply using a drilled or percussion bedrock well for a maximum of **490 gallons** of water per day per lot provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 2.3 The components of the potable water supplies herein approved for Lot's 2 and 3 (including water storage tanks), shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 2.4 The water source location as shown on the stamped plan(s) for Lot's 2 and 3 shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.

## 3. WASTEWATER DISPOSAL

- 3.1 Lot 1 is approved with an existing on-site wastewater disposal system with a maximum design flow of **490 gallons** per day. No changes shall be made to the existing wastewater system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and to submit an application to Drinking Water and Groundwater Protection Division prior to correcting the failure.
- 3.2 Lot's 2 and 3 are approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of **490 gallons** of wastewater per day per lot. The system(s) shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.3 The components of the sanitary wastewater systems for Lot's 2 and 3 herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 3.4 The corners of the proposed primary wastewater disposal area(s) for Lot's 2 and 3 shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.

- 3-5 Lot's 2 and 3 are approved for mound wastewater disposal systems provided the mound is constructed in strict accordance with the following conditions:
- a. The mound system is to be located and constructed as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.
  - b. A qualified Vermont Licensed Designer shall inspect the mound system during critical stages of construction. This shall include the staking of the location of the mound, ensuring the site has been properly plowed prior to placement of the appropriate sand fill, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation.
  - c. The construction of the mound shall adhere to the guidelines set forth in Section 1-913(f) of the above referenced rules.
  - d. Upon completion of construction, and prior to occupancy of any structure being served by the mound system, the inspecting consultant shall submit to the Drinking Water and Groundwater Protection Division a written certification stating the construction has been completed in accordance with the stamped plans and the permit.
- 3.6 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.7 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

Emily Boedecker, Commissioner  
Department of Environmental Conservation

Dated March 24, 2017

By



William Zabiloski  
Assistant Regional Engineer  
Essex Junction Regional Office  
Drinking Water and Groundwater Protection Division

cc: JH Stuart Associates  
Essex Planning Commission  
Innovative/Alternative Manufacturer -Orenco Systems, Inc.

2018-020

### TOWN OF ESSEX, VERMONT APPLICATION FOR CURB CUT / UTILITY PERMIT

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Application No. \_\_\_\_\_ / \_\_\_\_\_  
Date

Property Address: 411 + A3 BROOKHOLM HILL RD

Owner Address: 10 PARKER LN. WESTFORD VT. 1 Margaret St Essex Jct

Owner Name: JOSH TOURE / Session Bulker

Phone Number: (home) \_\_\_\_\_ (work) 802 803-5062 (cell) 802-363-7511  
802 334-0740

Tax Map # 014 Tax Parcel 036 Tax Lot 102

Application is for: (check one)

A) New Curb Cut  B) Utility Installation: Overhead  Underground

Please use attached diagram to describe location and type of installation.

Comments be Director of Public Works / Town Engineer:

Culvert: Yes  No  Water Bar(s): Yes  No

Culvert Diameter: (18 inch minimum) 18" Total length of Culvert: (30 foot minimum) 30'

\*\*\* FOR OFFICE USE ONLY \*\*\*

Signature of Owner: Josh Toure Fee Paid \$ \_\_\_\_\_

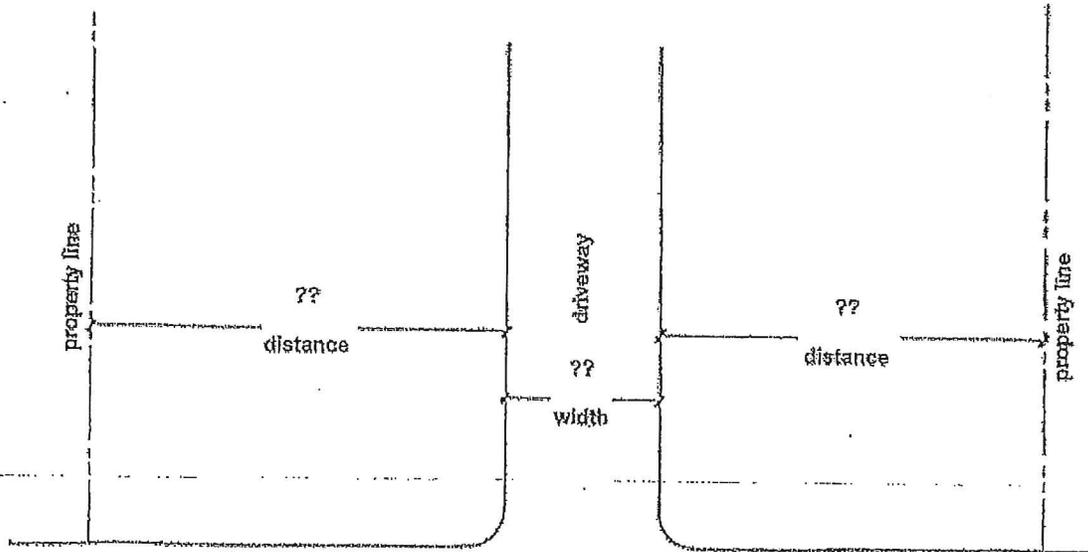
Session Bulker Approved  Rejected

[Signature] 02-14-18

\* AS NOTED ON RELEASES (OE). Per Authority of the Town Manager by the Director of Public Works / Town Engineer

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant  
Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.
- 3.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



# 41 & #43 BRIGMAN HILL ROAD  
 STREET NAME

Comments and / or special instructions from Director of Public Works / Town Engineer :

1. THE LOCATION OF THE CURB CUT AND DRIVE LOCATION TO BOTH LOTS SHALL REMAIN IN THE LOCATION APPROVED BY THE TOWN. SEE ATTACHED DRAWING.

ARM 2/14/18

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