

Appeal Period Expires 4/30/24 Town of Essex, Vermont Application Date 4/15/24  
 Zoning District C1 **Application for Zoning Permit** Permit Number 2024-47  
 (Building Permit)

- Contact State Permit Specialist Jeff McMahon (477-2241) to check for state permitting and/or setbacks.
- Post permit card visible to the road immediately as Permit is appealable within 15 days of issuance.
- Call the Zoning Administrator at 878-1343 to schedule a Certificate of Occupancy inspection if indicated below as required.
- Call the Assessor at 878-1345 to schedule a re-assessment upon completion of work.
- Provide a diagram showing proposal and any easements, well or septic locations, etc.

**SIGN HERE:** Gregory A Bartlett Valerie A. Bartlett

**Parcel Account Numb.** (Map-Parcel-Lot) 2-017-003-002  
**Property Address:** 38 Brigham Hill Lane  
**Owner:** Gregory + Valerie Bartlett  
**Owner Address:** 57 Smith Road Barre, VT 05641  
**Owner Phone:** (work) \_\_\_\_\_ (home) \_\_\_\_\_  
 G: (cell) 802-371-7922 (Email) gregbartlettgsb@gmail.com  
**Tenants name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Cell:** \_\_\_\_\_  
**Estimated Construction Dates:** Start: 5/1/24 Completion: 5/1/26  
1360 House  
**Sq. Feet:** 120 Garage **Estimated Cost (labor & materials):** \$225,000.00

**G**

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

<b>Residential:</b>	N	A	R
Single Family	<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"/>
<b>Inclusions or Additions:</b>			
Garage (attached) (detached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Non-residential:</b>			
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Stormwater:</b>			
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Other:</b>			
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"/>

**B Sewage Disposal** (Please attach Sewer or Septic Application).  
 Public  Septic  Connection Fee \$ ? Date Paid: 2/9/22  
 Proposed New Bedrooms: 2 Existing Bedrooms: WW-4-5722

**C Water** (Please attach Water Service Application).  
 Public  Well  Fee \$ ? Date Paid: 1/1  
WW-4-5722

**D Driveway** (Please attach copy of approved Curbcut / Utility Application).  
 Date of approval 6/2/2022 - attached

**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 ½ 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 #PC.2022-5, issued on 2-24-2022.

Gregory A Bartlett  
Valerie A. Bartlett

Signature of Tenant and Signature of Owner

**Office Use Only**

Fees:	Type	Amount	Date Pd
Permit		\$ <u>607.50</u>	<u>4/15/23</u>
Recreation		\$ <u>628</u>	
Recording		\$ <u>30.00</u>	
Certificate of Occ		\$ <u>100</u>	
Other		\$ _____	

**Building Permit**  
 Approved  Rejected  Date 4/15/24  
 Issued to: G + V Bartlett  
 Zoning Administrator: Sharon Kelley  
 Notes: \_\_\_\_\_  
 C.O. Required Yes  No

**THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE  
 RENEW FOR 1 YEAR (FREE) IF NOT EXPIRED**

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. 1 / 6/2/2022 LOT #1  
Date  
Property Address: 38 44 Brigham Hill Lane, Essex Jct., VT 05452  
Owner Address: 31 Brigham Hill Lane, Essex Jct., VT 05452  
Owner Name: RICHARD JENNY  
Phone Number: (home) 802 878 2893 (work) \_\_\_\_\_ (cell) 802 598 8103  
Tax Map # 017 Tax Parcel 003 Tax Lot 000

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.

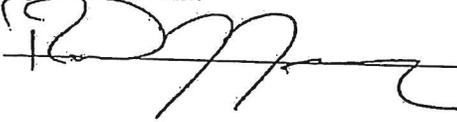
Comments by Director of Public Works / Town Engineer:

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:

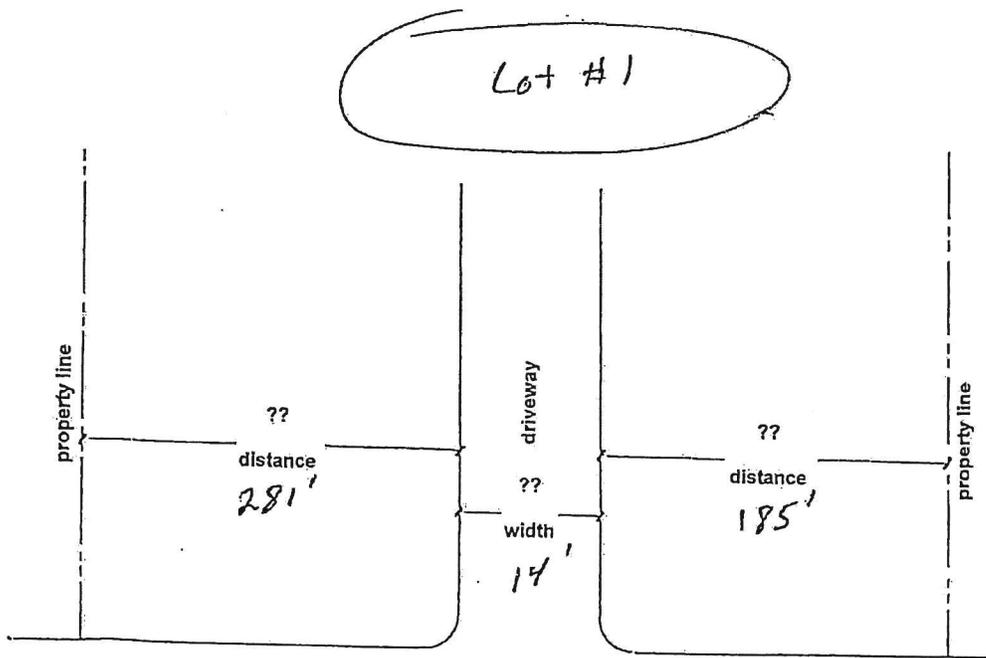


Fee Paid \$ N/A

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  
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.

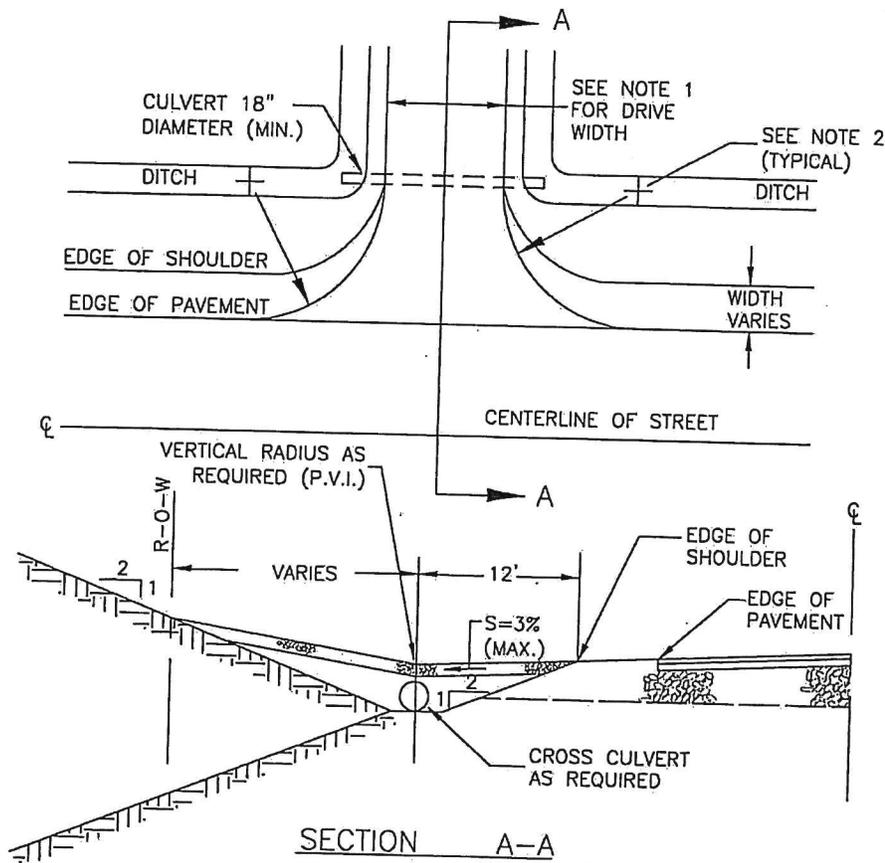


Brigham Hill Lane  
STREET NAME

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

- SLOPE DRIVE AWAY FROM ROAD ~~12'~~ UP TO 12' FROM TRAVELWAY (3-6%)
- SIGHT DISTANCES VERIFIED
- CLEAR TREES & BRUSH OBSTRUCTING LINE OF SIGHT. REMOVE STUMPS WITHIN ROW
- CONSTRUCT AS PER DETAIL A-9

NOTE: A MINIMUM OF 24 HOURS 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.



**NOTES :**

- 1) DRIVE WIDTHS SHALL BE AS FOLLOWS  
 SINGLE DRIVE: 10 FEET (MIN.)  
 DOUBLE DRIVE: 15 FEET (MAX.)  
 COMMERCIAL DRIVE: 40 FEET (MAX.)
- 2) EDGE OF PAVEMENT RADII  
 MAJOR / COLLECTOR ROAD: 30 FEET  
 MINOR ROAD / DEAD END: 25 FEET  
 COMMERCIAL / INDUSTRIAL: 30 FEET (MIN.)
- 3) MAXIMUM DRIVE GRADE SHALL BE 3%  
 FROM PVI TO EDGE OF SHOULDER



TOWN OF ESSEX  
 PUBLIC WORKS  
 81 MAIN STREET  
 ESSEX JCT., VT  
 05452  
 P: 802 878-1344  
 F: 802 878-1356  
 E: www.essex.org

TOWN OF ESSEX, VERMONT  
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

RURAL DRIVEWAY

Detail No: 100.09  
 Scale: NOT TO SCALE  
 Date: JAN. 2017

A-9

**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 April 12, 2019**Permittee(s): Richard Jenny  
31 Brigham Hill Lane  
Essex Junction, VT 05452****Permit Number: WW-4-5722**

This permit affects the following properties in Essex, Vermont:

<b>Lot</b>	<b>Parcel</b>	<b>SPAN</b>	<b>Acres</b>	<b>Book(s)/Page(s)#</b>
N/A	2017003000	207-067-14480	33.40	Book:1047 Page(s):361

This application, consisting of subdividing an existing 33.40-acre undeveloped parcel into three (3) Lots. Lot 1, 10.1-acres with a new 4-bedroom single-family residence served by an off-site shared mound wastewater disposal system and individual on-site drilled well, Lot 2, 10.2-acres with a new 4-bedroom single-family residence served by an on-site shared mound wastewater disposal system and individual on-site drilled well, and Lot 3, 13.2-acres with a new 4-bedroom single-family residence served by an individual on-site mound wastewater disposal system and individual on-site drilled well, located at 34 Brigham Hill Lane in Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions. 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.

**1. GENERAL**

- 1.1 The permittee is responsible to record this permit in the Essex Land Records within 30 days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2 The permittee is responsible to record the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Essex Land Records.
- 1.3 Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s) prior to the conveyance of a lot.
- 1.4 The wastewater system includes the use of an Innovative/Alternative treatment component. Each prospective owner of a lot that utilizes the Innovative/Alternative component shall be shown a copy of the **Innovative/Alternative System Approval letter #2001-01-R11 for the AdvanTex® Treatment System** for model AX20 prior to conveyance of the lot.
- 1.5 The owner of a lot with an Innovative/Alternative treatment system shall have a valid maintenance contract in force at all times with a vendor-trained and authorized service provider to conduct inspections and maintenance of the System.
- 1.6 By acceptance of this permit, the permittee 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.
- 1.7 This permit does not relieve the landowner from obtaining all other approvals and permits from other State Agencies or Departments, or local officials prior to construction.



## 2. SUBDIVISION AND CONSTRUCTION

2.1 Subdivision and construction shall be completed as shown on the plans and/or documents prepared by O’Leary-Burke Civil Associates, PLC, (David Burke, Licensed Designer), with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Final Plan	1	12/20/2021	N/A
30 Scale Plan	2	12/20/2021	N/A
Sewage Disposal Details and Specifications	4	12/20/2021	N/A
Sewage and Water Details and Specifications	5	12/20/2021	N/A

2.2 Construction of wastewater systems or potable water supplies, or buildings or structures (as defined by the Wastewater System and Potable Water Supply Rules), or campgrounds, not depicted on the stamped plans, or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.

2.3 No buildings, roads, water pipes, sewer services, earthwork, re-grading, excavation, or other construction that might interfere with the operation of a wastewater system or a potable water supply are allowed on or near the site-specific wastewater system, wastewater replacement area, or potable water supply depicted on the stamped plans. Adherence to all isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules is required.

## 3. INSPECTIONS

3.1 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) on a Secretary-approved form 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 permit conditions, were inspected, were properly tested, and have successfully met those performance tests”*

or which satisfies the requirements of §1-311 of the referenced rules.

3.2 Prior to the use of the potable water supply, the permittee shall test the water for Arsenic, Escherichia coli (E. coli), Fluoride, Lead, Manganese, Nitrate as N, Nitrite as N, Total Coliform Bacteria, Uranium, Adjusted Gross Alpha Particle Activity, Chloride, Sodium, Iron, Odor and pH. All water quality tests shall be conducted at a laboratory certified by the Vermont Department of Health (a list of which can be found on the VDH website). Results of the water tests shall be submitted to the Drinking Water and Groundwater Protection Division and the Vermont Department of Health prior to use or within 60 days of the submission of the Installation Certification required in Condition 3.1, whichever comes first.

3.3 A vendor-approved service provider of the Innovative/Alternative treatment system shall provide the Drinking Water and Groundwater Protection Division a start-up report, certifying the Innovative/Alternative System was installed and is functioning in a manner that complies with the vendor requirements within 60 days of installation and usage.

3.4 A vendor-approved service provider shall conduct an inspection of the Innovative/Alternative treatment system every six months following installation and use of the treatment system for the initial two years. The inspection report shall be provided to the landowner and submitted to the Division within 60 days of when the inspection is conducted.

3.5 Following the initial two years of service, a vendor-approved service provider shall conduct an annual inspection of the Innovative/Alternative treatment system. The inspection report shall be submitted to the Division by December 31st of the year the inspection is conducted.

3.6 The Drinking Water and Groundwater Protection Division may require sampling of effluent from the Innovative/Alternative treatment system to confirm the filtrate effluent is being treated to reduce the BOD<sub>5</sub> to 30 mg/L or less and total suspended solids (TSS) to 30 mg/L or less.

3.7 The Innovative/Alternative treatment system shall function in accordance with the vendor requirement. The Drinking Water and Groundwater Protection Division shall be immediately notified if the treatment system is not functioning according to the vendor requirements, or the effluent quality does not comply with BOD<sub>5</sub> to 30 mg/L or less and total suspended solids (TSS) to 30 mg/L or less.

**4. DESIGN FLOW**

4.1 Lot use and design flows (gpd) shall correspond to the following:

Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
1	New	4-bedroom single-family residence	490	490
2	New	4-bedroom single-family residence	490	490
3	New	4-bedroom single-family residence	490	490

**5. WASTEWATER SYSTEM**

- 5.1 Prior to construction or site work, a designer shall flag the perimeter of the proposed mounds, and the owner shall maintain the flags until commencement of construction of the system.
- 5.2 Should the wastewater system fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.
- 5.3 The wastewater system to serve Lot 1 is located on Lot 2. The land deeds that establish and transfer ownership of these lots shall contain permanent legal access which grants future owner(s) of Lot 1 the right to enter upon Lot 2 for the construction, repair, maintenance, and other such reasonable purposes as may arise regarding the wastewater system. Failure to properly execute the permanent legal access renders this permit null and void for the purpose of constructing the mound. It is recommended that a copy of the executed easement be sent to the Drinking Water and Groundwater Protection Division.
- 5.4 This permit does not relieve the permittee of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.

**6. POTABLE WATER SUPPLY**

- 6.1 Prior to construction or site work, a designer shall flag the center of the proposed potable water source and the owner shall maintain the flag until commencement of construction of the source.
- 6.2 Should the potable water supply fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.

Peter Walke, Commissioner  
Department of Environmental Conservation

By Denise Johnson-Terk  
Denise Johnson-Terk  
Environmental Analyst VI  
Essex Junction Regional Office  
Drinking Water and Groundwater Protection Division

Dated February 9, 2022

cc O'Leary-Burke Civil Associates