

Appeal Period Expires <u>11/23/23</u> Zoning District <u>C1?</u>	Town of Essex, Vermont Application for Zoning Permit (Building Permit)	Application Date <u>1/1</u> Permit Number <u>2023-171</u>
---	--	--

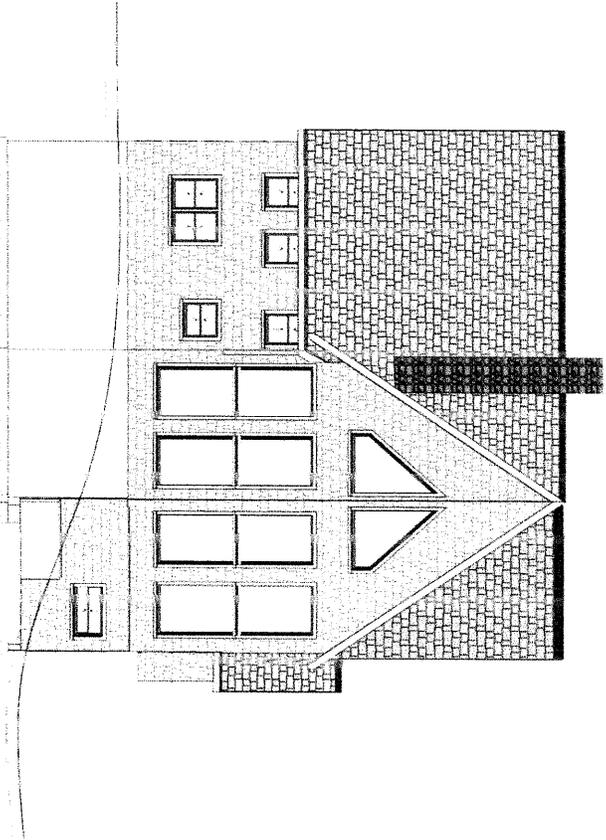
- Contact State Permit Specialist Jeff McMahon (477-2241) to check for state permitting and/or setbacks.
 - Post permit card visible to the road immediately as Permit is appealable within 15 days of issuance.
 - Call the Zoning Administrator at 878-1343 to schedule a Certificate of Occupancy inspection 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:** [Signature]

A Parcel Account Numb. (Map-Parcel-Lot) 2- <u>017-003-004</u> Property Address: <u>62 East Avenue 48 Burlington, VT</u> Owner: <u>James Herbert + Allison</u> Owner Address: <u>62 East Avenue Burlington, VT 05401</u> Owner Phone: (work) _____ (home) _____ (cell) <u>603-359-6463</u> (Email) <u>ringbrookcust@psn.com</u> Tenants name: <u>Ted Beckell</u> Phone: _____ Builder Cell: <u>802-238-1924</u> Estimated Construction Dates: Start: <u>11/24/23</u> Completion: <u>12/12/24</u> Sq. Feet: <u>2709</u> Estimated Cost (labor & materials): <u>\$500,000</u>	G																																																																																								
B Sewage Disposal (Please attach Sewer or Septic Application). Public <input type="checkbox"/> Septic <input checked="" type="checkbox"/> Connection Fee \$ _____ Date Paid: _____ Proposed New Bedrooms: <u>3</u> Existing Bedrooms <u>see WW permit attached</u> <u>(Designed for 4)</u> <u>WW-4-5722</u>	Check box(es) which describe proposed use or construction (circle choice in parenthesis). N = New A = Addition R = Remodel <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"><i>Residential:</i></td> <td style="width:10%; text-align: center;">N</td> <td style="width:10%; text-align: center;">A</td> <td style="width:10%; text-align: center;">R</td> </tr> <tr> <td>Single Family</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Two-family (duplex)(other)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Multi-family</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Condominium / Townhouse</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Mobile home</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Inclusions or Additions:</i></td> </tr> <tr> <td>Garage (attached) (detached)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Porch (enclosed) (open)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Deck</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Pool (in) (above) ground</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Shed</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Barn (residential) (agriculture)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Non-residential:</i></td> </tr> <tr> <td>Commercial / Industrial</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Stormwater:</i></td> </tr> <tr> <td>Stormwater</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Erosion Control</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Other:</i></td> </tr> <tr> <td>Change in use</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Miscellaneous</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Renewal</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	<i>Residential:</i>	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"/>	<i>Inclusions or Additions:</i>				Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Deck	<input checked="" 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"/>	<i>Non-residential:</i>				Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Stormwater:</i>				Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Other:</i>				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"/>
<i>Residential:</i>		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"/>																																																																																						
<i>Inclusions or Additions:</i>																																																																																									
Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Deck	<input checked="" 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"/>																																																																																						
<i>Non-residential:</i>																																																																																									
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
<i>Stormwater:</i>																																																																																									
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
<i>Other:</i>																																																																																									
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"/>																																																																																						
C Water (Please attach Water Service Application). Public <input type="checkbox"/> Well <input checked="" type="checkbox"/> Fee \$ _____ Date Paid: _____ <u>State approved</u>																																																																																									
D Driveway (Please attach copy of approved Curbcut / Utility Application). Date of approval <u>6/2/2022</u>																																																																																									
E Stormwater <input type="checkbox"/> Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application. <input type="checkbox"/> 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 <u>To be constructed pursuant to P.C. Approval # PC: 2022-5, issued on 2/24/22.</u> Signature of Tenant and Signature of Owner <u>[Signature]</u>	Office Use Only <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">Fees:</td> <td style="width:10%;">Type</td> <td style="width:20%;">Amount</td> <td style="width:20%;">Date Pd</td> </tr> <tr> <td></td> <td>Permit</td> <td>\$ <u>1,350.00</u></td> <td><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Recreation</td> <td>\$ <u>628.-</u></td> <td><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Recording</td> <td>\$ <u>30.00</u></td> <td></td> </tr> <tr> <td></td> <td>Certificate of Occ</td> <td>\$ <u>100.00</u></td> <td></td> </tr> <tr> <td></td> <td>Other</td> <td>\$ <u>3,931.55</u></td> <td></td> </tr> <tr> <td colspan="4"><u>James R. Kelly</u> Building Permit</td> </tr> <tr> <td colspan="2">Approved <input type="checkbox"/> Rejected <input type="checkbox"/></td> <td colspan="2">Date <u>11/8/23</u></td> </tr> <tr> <td colspan="4">Issued to: <u>James + Allison Herbert</u></td> </tr> <tr> <td colspan="4">Zoning Administrator: <u>James Kelly</u></td> </tr> <tr> <td colspan="4">Notes: _____</td> </tr> <tr> <td colspan="4">C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Fees:	Type	Amount	Date Pd		Permit	\$ <u>1,350.00</u>	<u>11/8/23</u>		Recreation	\$ <u>628.-</u>	<u>11/8/23</u>		Recording	\$ <u>30.00</u>			Certificate of Occ	\$ <u>100.00</u>			Other	\$ <u>3,931.55</u>		<u>James R. Kelly</u> Building Permit				Approved <input type="checkbox"/> Rejected <input type="checkbox"/>		Date <u>11/8/23</u>		Issued to: <u>James + Allison Herbert</u>				Zoning Administrator: <u>James Kelly</u>				Notes: _____				C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																											
Fees:	Type	Amount	Date Pd																																																																																						
	Permit	\$ <u>1,350.00</u>	<u>11/8/23</u>																																																																																						
	Recreation	\$ <u>628.-</u>	<u>11/8/23</u>																																																																																						
	Recording	\$ <u>30.00</u>																																																																																							
	Certificate of Occ	\$ <u>100.00</u>																																																																																							
	Other	\$ <u>3,931.55</u>																																																																																							
<u>James R. Kelly</u> Building Permit																																																																																									
Approved <input type="checkbox"/> Rejected <input type="checkbox"/>		Date <u>11/8/23</u>																																																																																							
Issued to: <u>James + Allison Herbert</u>																																																																																									
Zoning Administrator: <u>James Kelly</u>																																																																																									
Notes: _____																																																																																									
C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																																																									

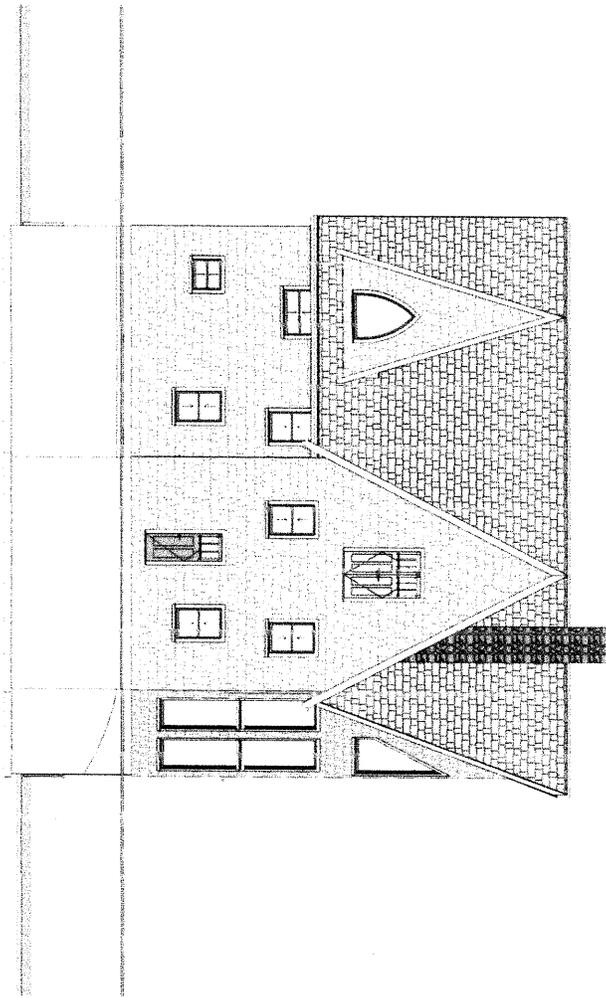
**THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE
RENEW FOR 1 YEAR (FREE) IF NOT EXPIRED**

Richard Jenny
PC Approval #2022-5
44 Brigham Hill Lane, Essex, VT
February 24, 2022

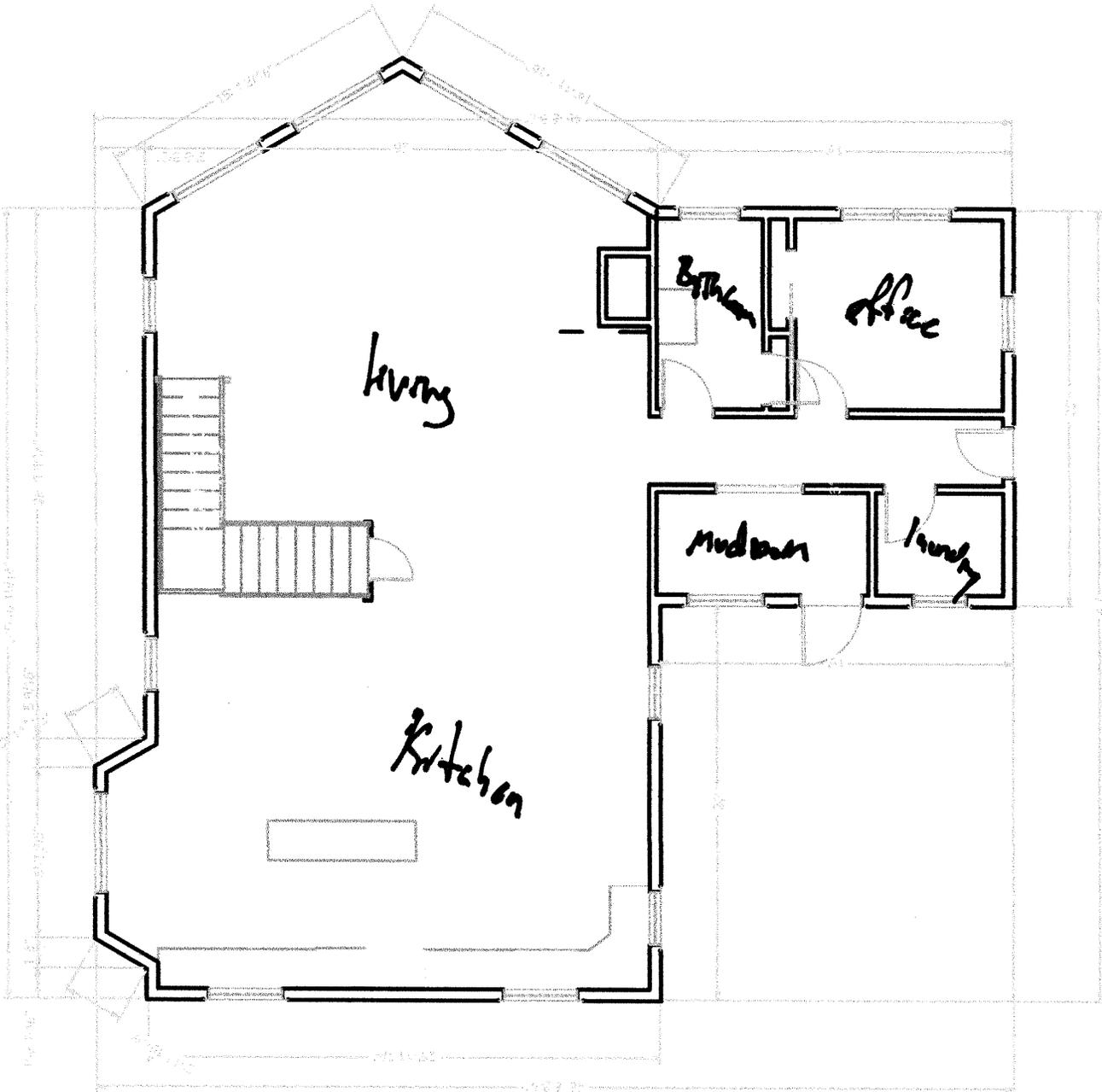
- done*
5. Prior to the filing of the mylar, all easements, deeds, and other legal documents shall be submitted to the Community Development Department for review by the Town Attorney at the expense of the applicant. The deed for each lot shall include a restriction on tree cutting as specified in Note 5 of Sheet 1 of the plans, as well as any required easements for septic systems that are shared or located on other lots.
- done*
6. Prior to the recording of the mylar, the applicant shall install concrete monuments and lot markers to the standards specified in Section 4.11 of the *Subdivision Regulations* and shall submit a certified statement from the surveyor verifying the installation.
- Slides 29-31
See cond 3
(choice of 3)
OK per plan*
7. Upon recording of the mylar, the applicant shall submit to the E911 coordinator a shapefile or PDF file of the plans containing all information specified in Section 2.10(H) and 2.10(I) of the *Subdivision Regulations*.
8. The applicants shall be approved for a final phasing schedule of 3 dwelling units with 12 EPEs in 2022.
9. Prior to the issuance of any zoning permit, the applicant shall obtain all applicable state approvals and permits and submit copies to the Community Development Department.
10. Prior to the issuance of any zoning permit, the applicant shall pay a gravel road impact fee of \$3,931.55.
- lots 3 ✓*
11. Prior to the issuance of a zoning permit for each lot, the applicant shall obtain a curb cut approval from the Public Works Department. Any required modifications to driveway design required by Public Works may be reviewed and approved administratively.
- ✓*
12. Prior to the issuance of a zoning permit for each dwelling, the applicant shall pay any recreation impact fees in place at the time of submittal.
13. All utility lines shall be installed underground.
14. All water, sewer, and storm water infrastructure shall be installed in accordance with the specifications and details provided within the *Town of Essex Standard Specifications for Construction* and American Water Works Association standards.
15. The applicant will be required to follow the Low-Risk Site Handbook for Erosion Prevention and Sediment Control. The guide can be found on the Town's website.
16. No occupancy of each structure shall occur until a certificate of occupancy inspection and sign off is issued by the Zoning Administrator.
- (17)*
17. Prior to the issuance of a certificate of occupancy, all trees and brush are to be removed in their entirety to include stumps within the Brigham Hill Lane right-of-way along the frontage of all three lots.

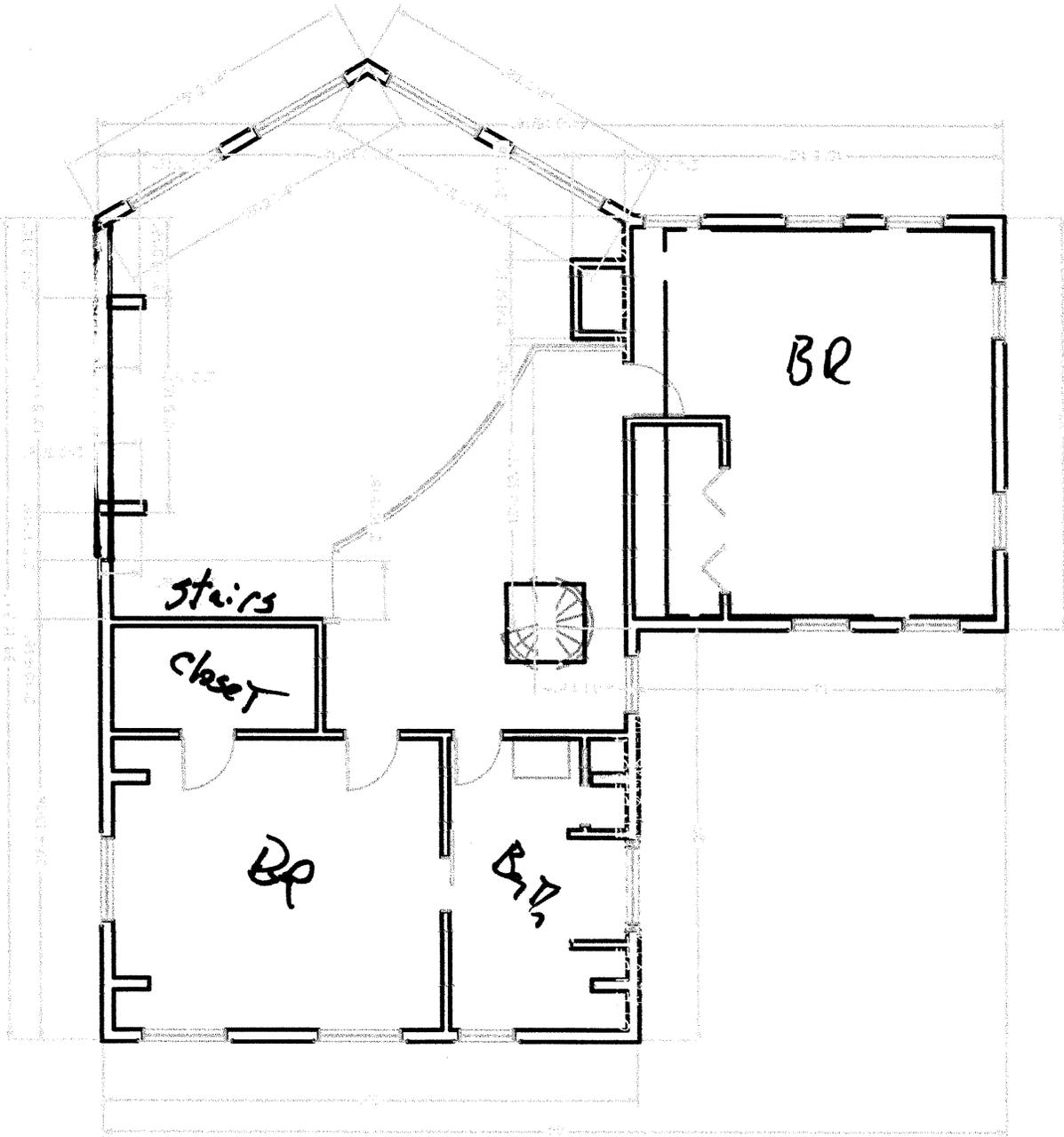


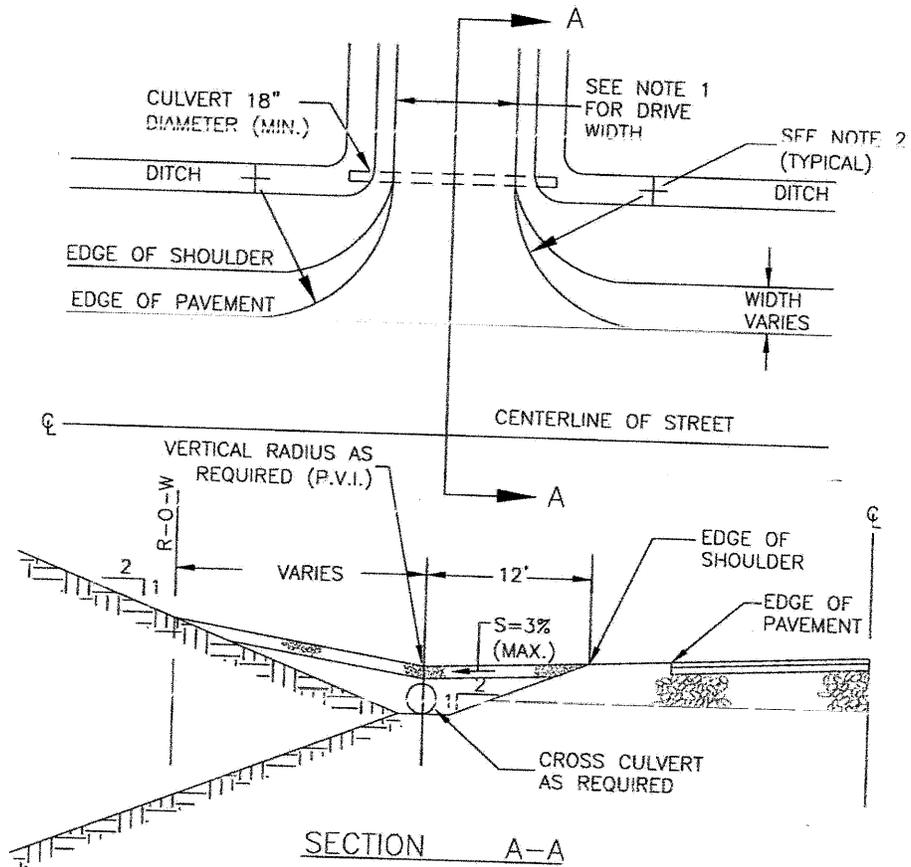
Exterior Elevation Right



Exterior Elevation Front







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
 91 MAIN STREET
 ESSEX JCT., VT
 05452
 P: 802 878-1344
 F: 802 878-1355
 WWW.ESSEX.VT.GOV

TOWN OF ESSEX, VERMONT
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

RURAL DRIVEWAY

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

A-9

Lot 3
1" = 30' at
11x17

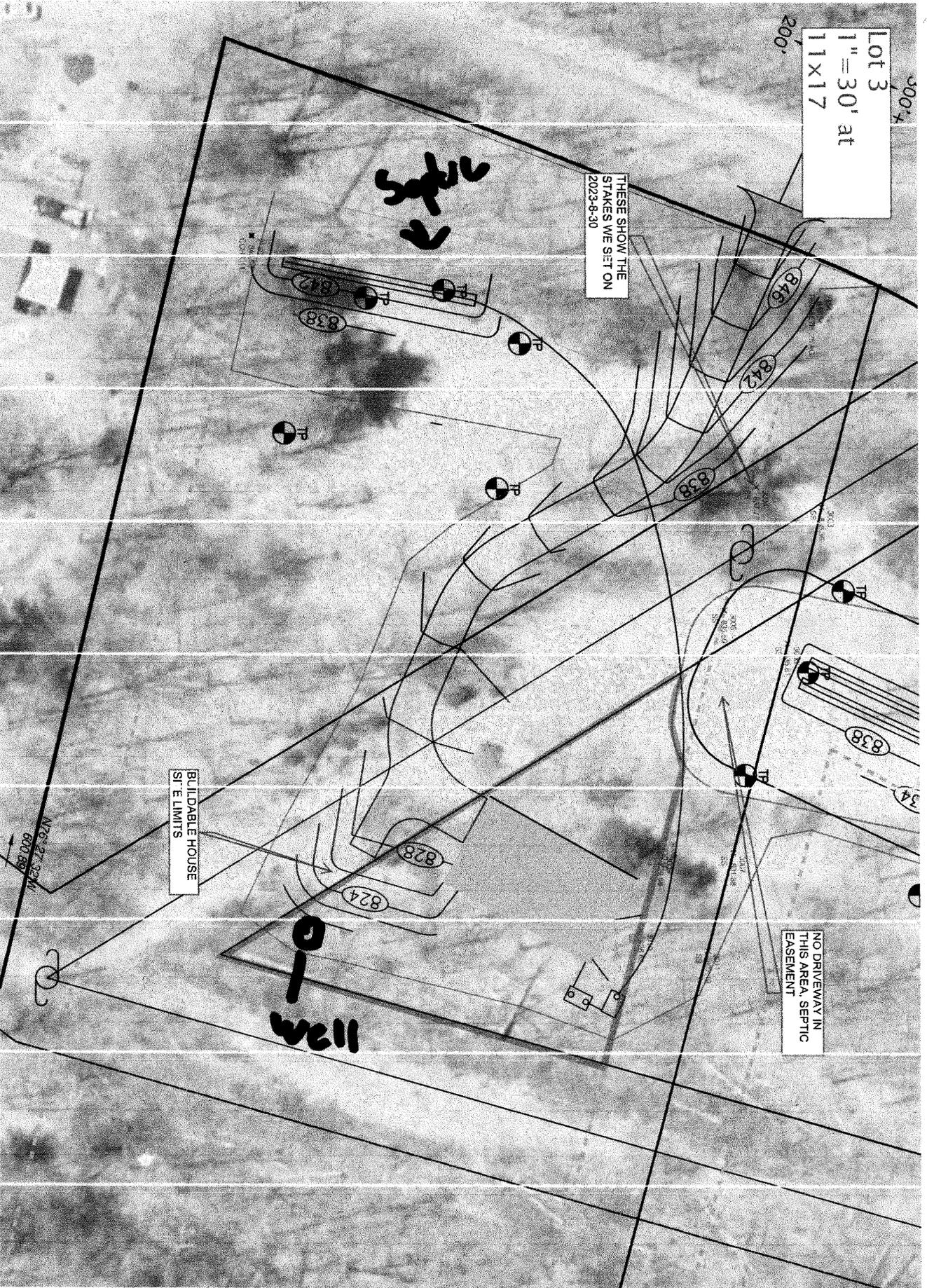
THESE SHOW THE
STAKES WE SET ON
2023-8-30

BUILDABLE HOUSE
SITE LIMITS

NO DRIVEWAY IN
THIS AREA, SEPTIC
EASEMENT

Handwritten: 7/25

Handwritten: 112M



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. 3 1 6/2/2022 LOT #3
Date
Property Address: 48 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:



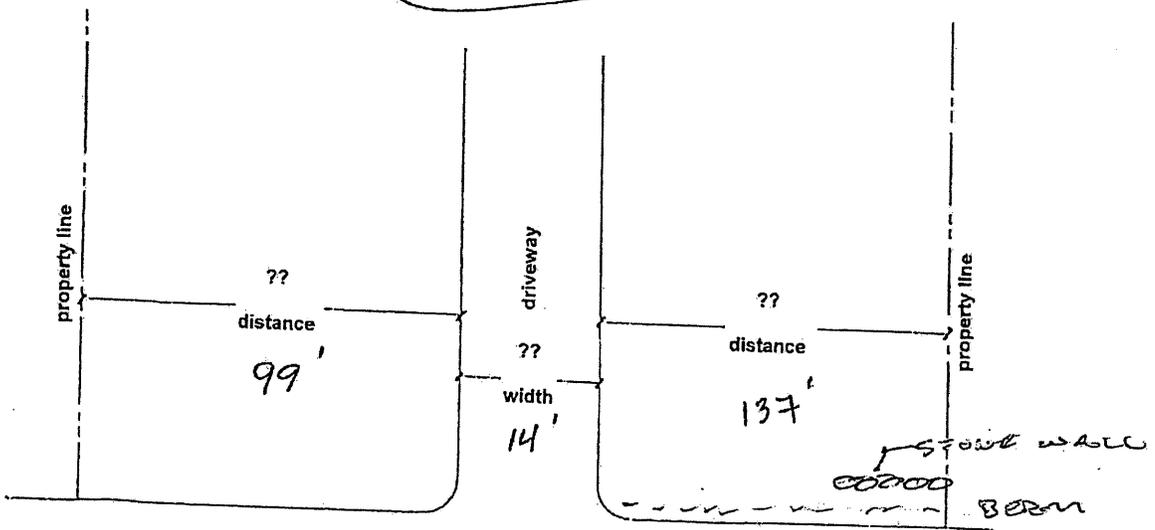
Fee Paid \$ 100

Approved Rejected

David Jensen
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.

Lot #3

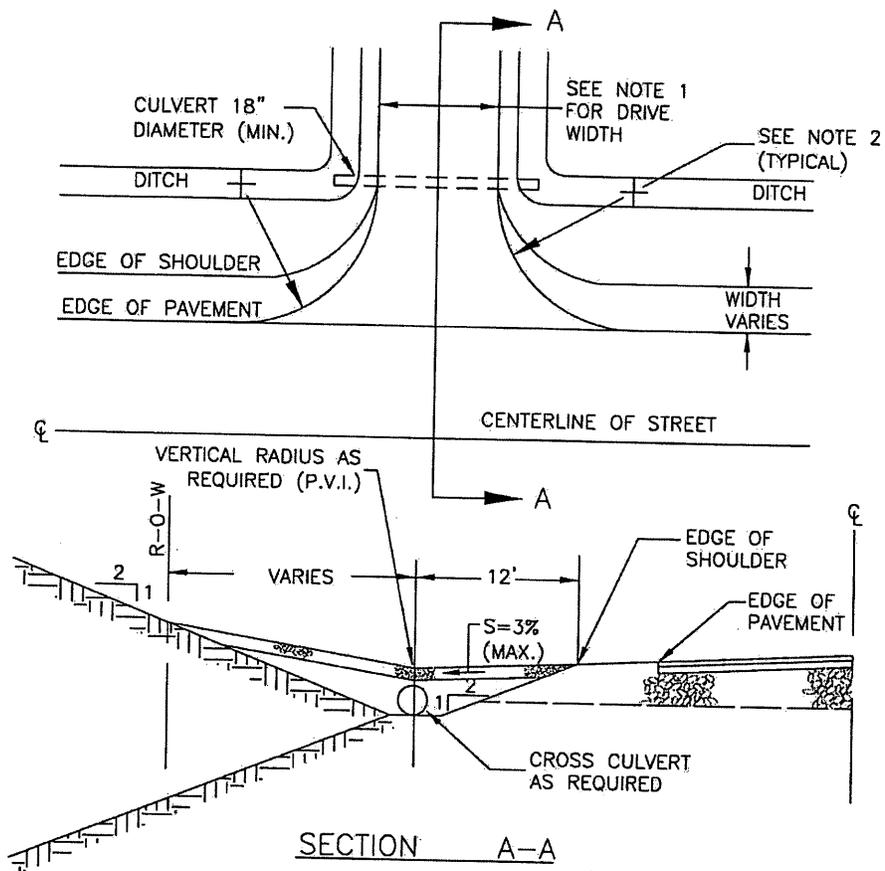


Brigham Hill Lane
STREET NAME

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

- REMOVE BERM & CLEAR TREES UP TO R.O.W.
- REMOVE THOSE TREES ON LOT THAT WOULD OBSCURE LINE OF SIGHT FOR SIGHT DISTANCE.
- SLOPE AWAY FROM ROAD 3-6% UP TO ± 12' FROM TRAVEL WAY.
- 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
 61 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
INNOVATIVE AND ALTERNATIVE (I/A) TECHNOLOGY
GENERAL USE APPROVAL 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: Orenco Systems, Inc.
814 Airway Ave
Sutherlin, OR 97479
(541) 459-2884
www.orenco.com

Permit Number: 2001-01-R12
Date Issued: 07/25/2022
Date Expires: 05/01/2024

This permit is for the following textile-based, recirculating media filter I/A technology models:

Product Name	Model Number(s)	Design Flow (gpd)
AdvanTex AX Treatment System	AX20	600
AdvanTex AX Treatment System	AX20RT	600
AdvanTex AX Treatment System	AX25RT	750
AdvanTex AX Treatment System	AX100	3000
AdvanTex AX-MAX Treatment System	AX-MAX075-14	1875
AdvanTex AX-MAX Treatment System	AX-MAX100-14	2500
AdvanTex AX-MAX Treatment System	AX-MAX125-21	3125
AdvanTex AX-MAX Treatment System	AX-MAX150-21	3750
AdvanTex AX-MAX Treatment System	AX-MAX175-28	4375

The technologies listed in this permit are used to treat low-strength effluent to discharge to a soil-based wastewater disposal system. The technologies, consisting of a textile-based, recirculating media treatment unit for placement following septic tanks, are hereby approved under the requirements of the regulations named above subject to the following conditions.

1. GENERAL

- 1.1 The technologies listed in this permit may be used as part of a soil-based wastewater system permitted under the Rules provided the conditions of this permit are met.
- 1.2 Failure by the Permittee to comply with these conditions is grounds for the Secretary to revoke or not renew the Approval Permit.
- 1.3 The approval shall expire on **May 1, 2024**. Applications for renewal of this Approval Permit shall be submitted to the Division by March 1, 2024, to avoid a lapse in approval. The renewal request shall be submitted on a form prepared by the Secretary and shall include: a description of any changes to the equipment, technical specifications and drawings, installation requirements, and operation and maintenance manuals.
- 1.4 No changes shall be made to the approved technology without prior review and approval by the Secretary.
- 1.5 This Approval Permit is based on the design, operation, and maintenance manuals submitted by the Permittee to the Secretary. Misrepresentation in the application material is grounds for the Secretary to revoke this permit.
- 1.6 If the Rules are revised during the term of this Approval Permit, this permit shall be revised as needed to conform to the revisions.



- 1.7 Site-specific permission for the use of this technology is required in the form of a Wastewater System and Potable Water Supply Permit (WW Permit).
- 1.8 This permit is not a representation or guarantee of the effectiveness, efficiency, or operation of the approved technology.
- 1.9 This General Use Approval Permit is limited to treating wastewater that is characterized as low strength according to §1-805(b) of the Rules.
- 1.10 This approval is based on information submitted by the Permittee indicating that the technology will treat the effluent to reduce the biochemical oxygen demand (BOD₅) to 30 mg/L or less and total suspended solids (TSS) to 30 mg/L or less.
- 1.11 Each Vermont landowner in interest shall be shown a copy of the Wastewater System and Potable Water Supply Innovative and Alternative System General Use Approval Permit, the Operation and Maintenance manuals, and projected maintenance costs prior to the installation of any permitted unit.
- 1.12 All components of the technology shall be warranted for the first 2 years following commencement of use of technology unit. The Permittee shall have an inventory of replacement parts available locally or available for delivery within 24 hours.
- 1.13 Second party replacement parts may be used in the repair and maintenance of the technology after the warranty period has elapsed and if there is no change in the level of treatment.
- 1.14 All conditions set forth in WW Permits that include the use of the approved technology shall remain in effect and may surpass the conditions set herein.
- 1.15 A WW Permit that approves the use of a technology approved by this permit remains valid for the use of the technology identified in the WW Permit even if this permit expires.

2. DOCUMENTS

- 2.1 The approval of the I/A technology is based on the following documents submitted by the permittee:

Title	Submission Date	Revision
AdvanTex Installation and Maintenance Manual	03/30/2022	NONE
VT-ANR Innovative and Alternative Technology Renewal Application	03/30/2022	NONE

- 2.2 Use of the I/A technology in ways not depicted or described in the documents, and or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.

3. SERVICE PROVIDER

- 3.1 The Permittee shall contract with and maintain a minimum of three Service Providers for the State of Vermont (Vermont Service Provider) to perform the inspections, maintenance, and repairs required by this permit and by conditions of the WW Permit. The Vermont Service Providers must be based in Vermont or in a neighboring state or province and be ready and willing to provide service to all installed technologies in Vermont, regardless of where in Vermont a unit is located.
- 3.2 The Permittee shall provide to the Secretary the names, mailing addresses, email addresses, and phone numbers of three or more service providers prior to the Division issuing a WW Permit for use of the technology.
- 3.3 The Permittee shall maintain with the Secretary the names and contact information for all Vermont Service Providers. The Permittee shall notify the Secretary within 30 days of termination of an existing and/or hiring of a new Service Provider. Failure to maintain a minimum of three Vermont Service Providers will result in the Secretary prohibiting the issuance of a WW Permit with the approved technology.

- 3.4 The Permittee shall provide training to each Vermont Service Provider for the proper operation, maintenance, and repair of each approved technology.
- 3.5 Service Providers must follow Permittee and WW Permit conditions for inspection, maintenance, and reporting requirements.
- 3.6 Maintenance and inspections of the approved technology must be performed by a Service Provider trained and authorized by the Permittee. Reports shall be provided to the Permittee, landowner, and Division in a timely manner so that they can ensure conditions of the WW Permits are met.
- 3.7 Maintenance and inspections performed by Service Providers shall be in accordance with the operation and maintenance manual submitted as part of the I/A permit approval application, as provided in trainings by the Permittee, and specified in the WW Permits issued by this Division.
- 3.8 Disposal of used biofilter media by the Service Provider shall be in accordance to rules and statutes in the State of Vermont governing the disposal of biosolids of a hazardous nature.

4. REPORTS

- 4.1 The Permittee shall submit electronically by April 1st of each year an annual report to the Division containing the following information for the previous 12-month period ending December 31st:
 - A. the entities who are distributing the permitted technology in the State of Vermont
 - B. a listing of each permitted technology installed in Vermont during the previous calendar year with the following information:
 - i. assigned WW Permit number;
 - ii. the property's SPAN number;
 - iii. the distributor who sold the installed technology
 - iv. the name of the Vermont-licensed Designer providing the installation certification;
 - v. the name of the contracted and authorized Service Provider inspecting the technology at the time of installation;
 - vi. the date installed, and;
 - vii. the date of initial use of the technology (beginning of 2-year warranty period).
- 4.2 The Permittee shall ensure the Vermont Service Providers for each of the permitted systems utilizing this technology installed in Vermont are submitting to the Division the following reports:
 - A. an initial report of an inspection conducted within 60 days of initial usage;
 - B. inspection reports of the I/A technology conducted every 6 months for the first two years of usage;
 - C. inspection reports of the I/A technology conducted annually following the initial two years of usage.
- 4.3 Maintenance and inspections reports shall be submitted on the Secretary-approved inspection report form and be signed and dated by the Service Provider.
- 4.4 Inspection reports by the Service Provider shall include but not be limited to a summary of all known problems, damages, and/or failures of the technology to comply with this approval and operating requirements for the technology, including:
 - A. a description of any problems, damages, and/or failures;
 - B. potential/known causes of any problems, damages, and/or failures;
 - C. a statement of system operability including whether or not the technology is operating in compliance with this approval and operating specifications following repairs or corrections of any problems, damages, and/or failures;
 - D. a listing of the required repair/remediation;
 - E. identification of changes to the technology specifications; and

- F. any observed failure of the wastewater system including wastewater exposed to the open air, wastewater pooling on the surface of the ground, wastewater discharging directly to surface water, or wastewater backing up into the building or structure.
- 4.4 Problems, damages, and/or failures of the technology identified during an inspection per condition 4.3 of this permit must be reported by the service provider immediately to the landowner and within 30 days to the Division.
- 4.5 Maintenance and inspections shall be performed in accordance with the permitted operation and maintenance manual that are specified in the WW Permits issued by this Division.

5. DESIGN SPECIFICATIONS

- 5.1 The design of a wastewater system using the approved technology shall identify the specific approved -model and shall not be replaced with any other model without an amendment to the WW Permit.
- 5.1 Technologies shall be equipped with anti-flotation devices. The Permittee may specify whether or not the anti-flotation device are required if a designer demonstrates flotation will not occur or the designer proposes in an application for the use of the technology an alternative method to stabilize the technology that complies with the Permittee's requirements for installation.
- 5.3 Technology model choice and sizing shall be in accord with the Permittee's technical requirements approved by the Secretary. Sizing of each unit shall be based on the calculated design flow per §1-803 of the Rules.

6. INSTALLATION SPECIFICATIONS

- 6.1 The approved technology shall be installed under the guidance of a Service Provider and a designer.
- 6.2 The installation of each technology shall be in accordance with the Permittee's technical requirements approved by the Secretary.

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.

Julia S. Moore, Secretary
Agency of Natural Resources

By  Dated July 25, 2022
Cristin Ashmankas, Environmental Analyst VII
Regional Office Program
Drinking Water and Groundwater Protection Division

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:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
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 BOD₅ 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 BOD₅ 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

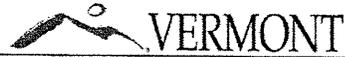
- 6.1 Prior to construction or site work, a designer shall flag the center of the proposed potable water source and the owner shall maintain the flag until commencement of construction of the source.
- 6.2 Should the potable water supply fail and not qualify as a minor repair or for an exemption, the 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



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:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
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 BOD₅ 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 BOD₅ 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

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

T RECKELL LLC
347 LEDGEWOOD AVE
HINESBURG, VT 05461

1385

58-3/116
590

DATE 11-8-23



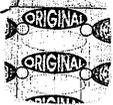
PAY TO THE ORDER OF

Town of Egges

\$ 628



Bank
America's Most Convenient Bank®



DOLLARS

FOR JIM

[Signature]

⑈001385⑈ ⑆011600033⑆ 5243370525⑈

Details on Back. Security Features Included

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

T RECKELL LLC
347 LEDGEWOOD AVE
HINESBURG, VT 05461

1151

58-3/116
590

DATE 10-26-23



PAY TO THE ORDER OF

Town of Egges

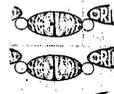
\$ 1480

one thousand four hundred eighty

DOLLARS



Bank
America's Most Convenient Bank®



FOR grant

[Signature]

⑈001151⑈ ⑆011600033⑆ 5243370525⑈

Details on Back. Security Features Included

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

T RECKELL LLC
347 LEDGEWOOD AVE
HINESBURG, VT 05461

1386

58-3/116
590

DATE 11-8-23



PAY TO THE ORDER OF

Town of Egges

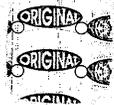
\$ 3931.55

three thousand nine hundred thirty one

DOLLARS



Bank
America's Most Convenient Bank®



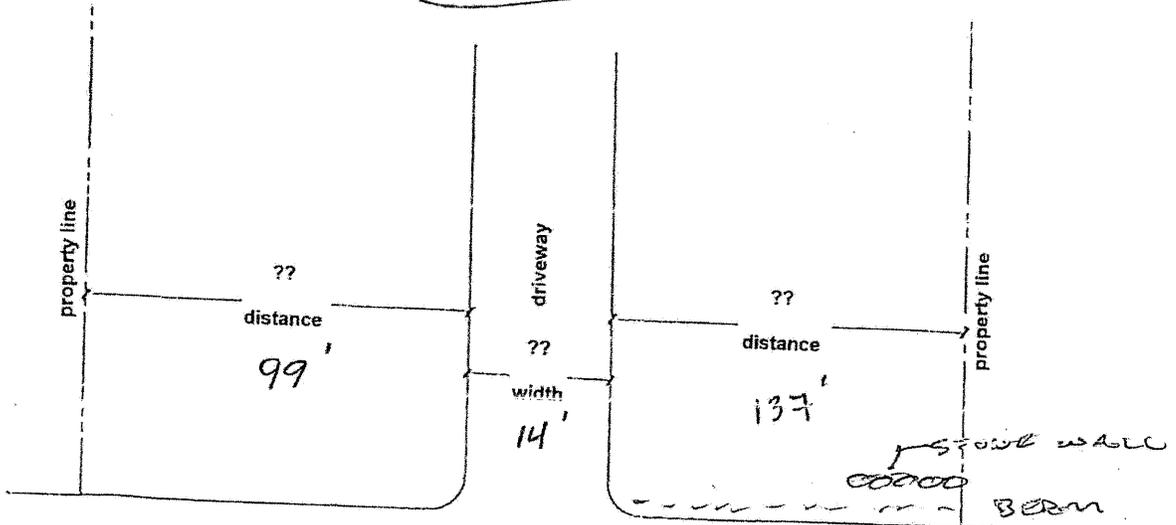
FOR JIM

[Signature]

⑈001386⑈ ⑆011600033⑆ 5243370525⑈

Details on Back. Security Features Included

Lot #3



Brigham Hill Lane
STREET NAME

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

- REMOVE BERM & CLEAR TREES UP TO R.O.W.
- REMOVE ~~THOSE~~ TREES ON LOT THAT WOULD OBSCURE LINE OF SIGHT FOR SIGHT DISTANCE.
- SLOPE AWAY FROM ROAD 3-6% UP TO ± 12' FROM TRAVEL WAY.
- 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.

Appeal Period Expires <u>11/23/23</u> Zoning District <u>C1?</u>	Town of Essex, Vermont Application for Zoning Permit (Building Permit)	Application Date <u>1/1</u> Permit Number <u>2023-171</u>
---	--	--

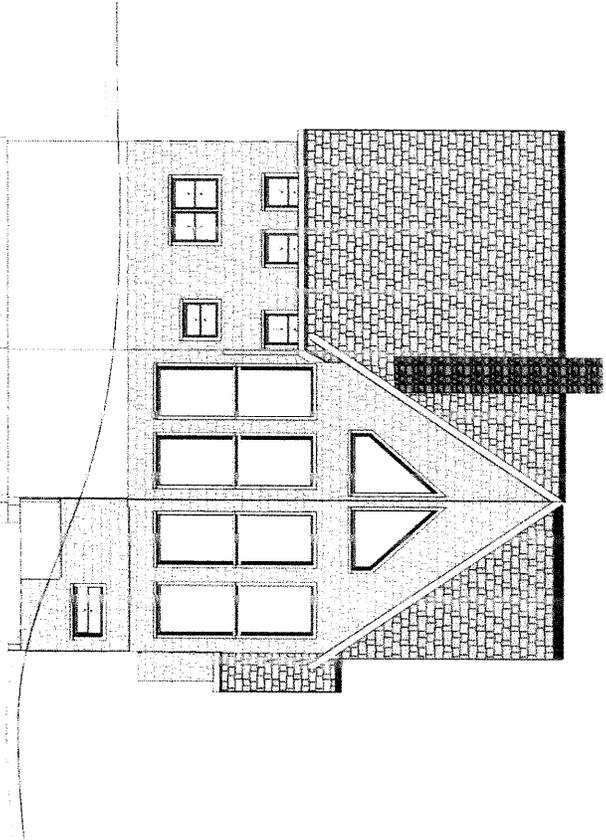
- Contact State Permit Specialist Jeff McMahon (477-2241) to check for state permitting and/or setbacks.
 - Post permit card visible to the road immediately as Permit is appealable within 15 days of issuance.
 - Call the Zoning Administrator at 878-1343 to schedule a Certificate of Occupancy inspection 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:** [Signature]

A Parcel Account Numb. (Map-Parcel-Lot) 2- <u>017-003-004</u> Property Address: <u>62 East Avenue 48 Burlington, VT</u> Owner: <u>James Herbert + Allison</u> Owner Address: <u>62 East Avenue Burlington, VT 05401</u> Owner Phone: (work) _____ (home) _____ (cell) <u>603-359-6463</u> (Email) <u>ringbrookcust@psn.com</u> Tenants name: <u>Ted Beckell</u> Phone: _____ Builder Cell: <u>802-238-1924</u> Estimated Construction Dates: Start: <u>11/24/23</u> Completion: <u>12/12/24</u> Sq. Feet: <u>2709</u> Estimated Cost (labor & materials): <u>\$ 500,000</u>	G																																																																																								
B Sewage Disposal (Please attach Sewer or Septic Application). Public <input type="checkbox"/> Septic <input checked="" type="checkbox"/> Connection Fee \$ _____ Date Paid: _____ Proposed New Bedrooms: <u>3</u> Existing Bedrooms <u>see WW permit attached</u> <u>(Designed for 4)</u> <u>WW-4-5722</u>	Check box(es) which describe proposed use or construction (circle choice in parenthesis). N = New A = Addition R = Remodel <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"><i>Residential:</i></td> <td style="width:10%; text-align: center;">N</td> <td style="width:10%; text-align: center;">A</td> <td style="width:10%; text-align: center;">R</td> </tr> <tr> <td>Single Family</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Two-family (duplex)(other)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Multi-family</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Condominium / Townhouse</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Mobile home</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Inclusions or Additions:</i></td> </tr> <tr> <td>Garage (attached) (detached)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Porch (enclosed) (open)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Deck</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Pool (in) (above) ground</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Shed</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Barn (residential) (agriculture)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Non-residential:</i></td> </tr> <tr> <td>Commercial / Industrial</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Stormwater:</i></td> </tr> <tr> <td>Stormwater</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Erosion Control</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4"><i>Other:</i></td> </tr> <tr> <td>Change in use</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Miscellaneous</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Renewal</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	<i>Residential:</i>	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"/>	<i>Inclusions or Additions:</i>				Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Deck	<input checked="" 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"/>	<i>Non-residential:</i>				Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Stormwater:</i>				Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Other:</i>				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"/>
<i>Residential:</i>		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"/>																																																																																						
<i>Inclusions or Additions:</i>																																																																																									
Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Deck	<input checked="" 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"/>																																																																																						
<i>Non-residential:</i>																																																																																									
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
<i>Stormwater:</i>																																																																																									
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																																						
<i>Other:</i>																																																																																									
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"/>																																																																																						
C Water (Please attach Water Service Application). Public <input type="checkbox"/> Well <input checked="" type="checkbox"/> Fee \$ _____ Date Paid: _____ <u>State approved</u>																																																																																									
D Driveway (Please attach copy of approved Curbcut / Utility Application). Date of approval <u>6/2/2022</u>																																																																																									
E Stormwater <input type="checkbox"/> Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application. <input type="checkbox"/> 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 <u>To be constructed pursuant to P.C. Approval # PC: 2022-5, issued on 2/24/22.</u> Signature of Tenant and Signature of Owner <u>[Signature]</u>	Office Use Only <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">Fees:</td> <td style="width:10%;">Type</td> <td style="width:30%;">Amount</td> <td style="width:40%;">Date Pd</td> </tr> <tr> <td></td> <td>Permit</td> <td style="text-align: right;">\$ <u>1,350.00</u></td> <td style="text-align: center;"><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Recreation</td> <td style="text-align: right;">\$ <u>628.-</u></td> <td style="text-align: center;"><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Recording</td> <td style="text-align: right;">\$ <u>30.00</u></td> <td style="text-align: center;"><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Certificate of Occ</td> <td style="text-align: right;">\$ <u>100.00</u></td> <td style="text-align: center;"><u>11/8/23</u></td> </tr> <tr> <td></td> <td>Other</td> <td style="text-align: right;">\$ <u>3,931.55</u></td> <td style="text-align: center;"><u>11/8/23</u></td> </tr> <tr> <td colspan="4"><u>James R. Kelly</u> Building Permit</td> </tr> <tr> <td colspan="2">Approved <input type="checkbox"/> Rejected <input type="checkbox"/></td> <td colspan="2">Date <u>11/8/23</u></td> </tr> <tr> <td colspan="4">Issued to: <u>James + Allison Herbert</u></td> </tr> <tr> <td colspan="4">Zoning Administrator: <u>James Kelly</u></td> </tr> <tr> <td colspan="4">Notes: _____</td> </tr> <tr> <td colspan="4">C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Fees:	Type	Amount	Date Pd		Permit	\$ <u>1,350.00</u>	<u>11/8/23</u>		Recreation	\$ <u>628.-</u>	<u>11/8/23</u>		Recording	\$ <u>30.00</u>	<u>11/8/23</u>		Certificate of Occ	\$ <u>100.00</u>	<u>11/8/23</u>		Other	\$ <u>3,931.55</u>	<u>11/8/23</u>	<u>James R. Kelly</u> Building Permit				Approved <input type="checkbox"/> Rejected <input type="checkbox"/>		Date <u>11/8/23</u>		Issued to: <u>James + Allison Herbert</u>				Zoning Administrator: <u>James Kelly</u>				Notes: _____				C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																											
Fees:	Type	Amount	Date Pd																																																																																						
	Permit	\$ <u>1,350.00</u>	<u>11/8/23</u>																																																																																						
	Recreation	\$ <u>628.-</u>	<u>11/8/23</u>																																																																																						
	Recording	\$ <u>30.00</u>	<u>11/8/23</u>																																																																																						
	Certificate of Occ	\$ <u>100.00</u>	<u>11/8/23</u>																																																																																						
	Other	\$ <u>3,931.55</u>	<u>11/8/23</u>																																																																																						
<u>James R. Kelly</u> Building Permit																																																																																									
Approved <input type="checkbox"/> Rejected <input type="checkbox"/>		Date <u>11/8/23</u>																																																																																							
Issued to: <u>James + Allison Herbert</u>																																																																																									
Zoning Administrator: <u>James Kelly</u>																																																																																									
Notes: _____																																																																																									
C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																																																									

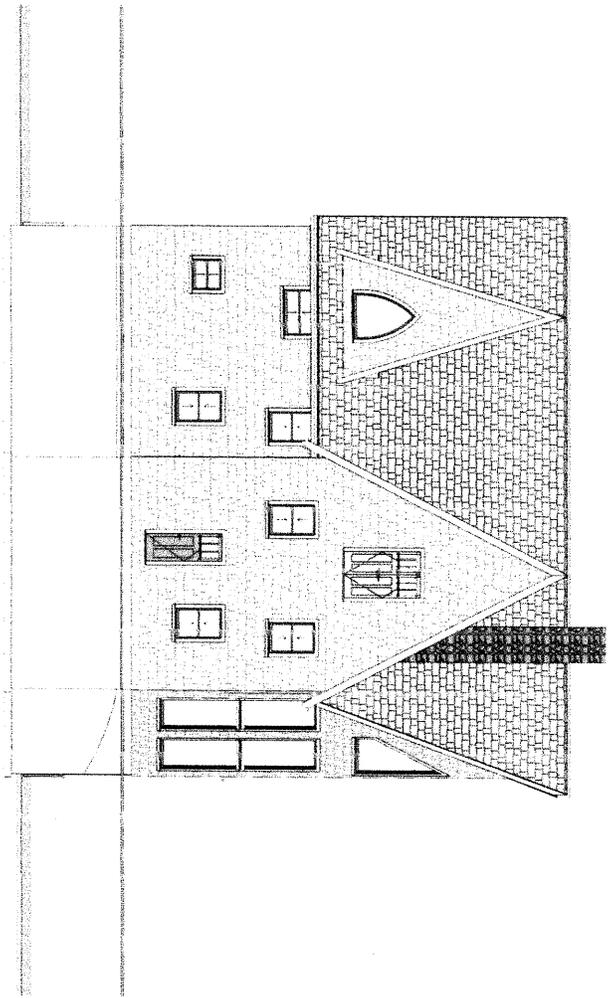
**THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE
RENEW FOR 1 YEAR (FREE) IF NOT EXPIRED**

Richard Jenny
PC Approval #2022-5
44 Brigham Hill Lane, Essex, VT
February 24, 2022

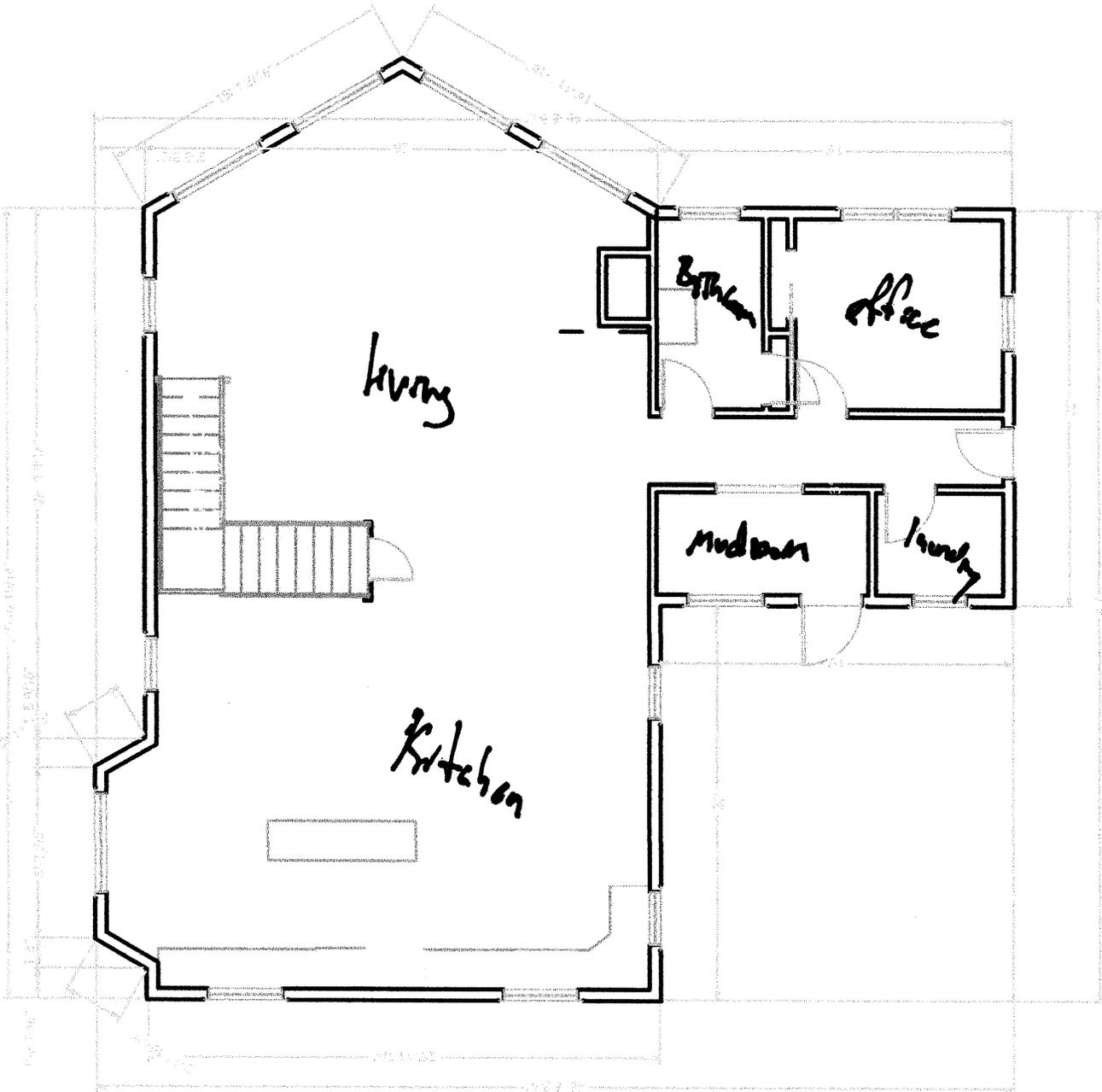
- done
- done
- Slides 29-31
See Cond 3
(Choice of 3)
OK per plan
- lots 3 ✓
- ✓
5. Prior to the filing of the mylar, all easements, deeds, and other legal documents shall be submitted to the Community Development Department for review by the Town Attorney at the expense of the applicant. The deed for each lot shall include a restriction on tree cutting as specified in Note 5 of Sheet 1 of the plans, as well as any required easements for septic systems that are shared or located on other lots.
 6. Prior to the recording of the mylar, the applicant shall install concrete monuments and lot markers to the standards specified in Section 4.11 of the *Subdivision Regulations* and shall submit a certified statement from the surveyor verifying the installation.
 7. Upon recording of the mylar, the applicant shall submit to the E911 coordinator a shapefile or PDF file of the plans containing all information specified in Section 2.10(H) and 2.10(I) of the *Subdivision Regulations*.
 8. The applicants shall be approved for a final phasing schedule of 3 dwelling units with 12 EPEs in 2022.
 9. Prior to the issuance of any zoning permit, the applicant shall obtain all applicable state approvals and permits and submit copies to the Community Development Department.
 10. Prior to the issuance of any zoning permit, the applicant shall pay a gravel road impact fee of \$3,931.55.
 11. Prior to the issuance of a zoning permit for each lot, the applicant shall obtain a curb cut approval from the Public Works Department. Any required modifications to driveway design required by Public Works may be reviewed and approved administratively.
 - ✓ 12. Prior to the issuance of a zoning permit for each dwelling, the applicant shall pay any recreation impact fees in place at the time of submittal.
 13. All utility lines shall be installed underground.
 14. All water, sewer, and storm water infrastructure shall be installed in accordance with the specifications and details provided within the *Town of Essex Standard Specifications for Construction* and American Water Works Association standards.
 15. The applicant will be required to follow the Low-Risk Site Handbook for Erosion Prevention and Sediment Control. The guide can be found on the Town's website.
 16. No occupancy of each structure shall occur until a certificate of occupancy inspection and sign off is issued by the Zoning Administrator.
 17. Prior to the issuance of a certificate of occupancy, all trees and brush are to be removed in their entirety to include stumps within the Brigham Hill Lane right-of-way along the frontage of all three lots.

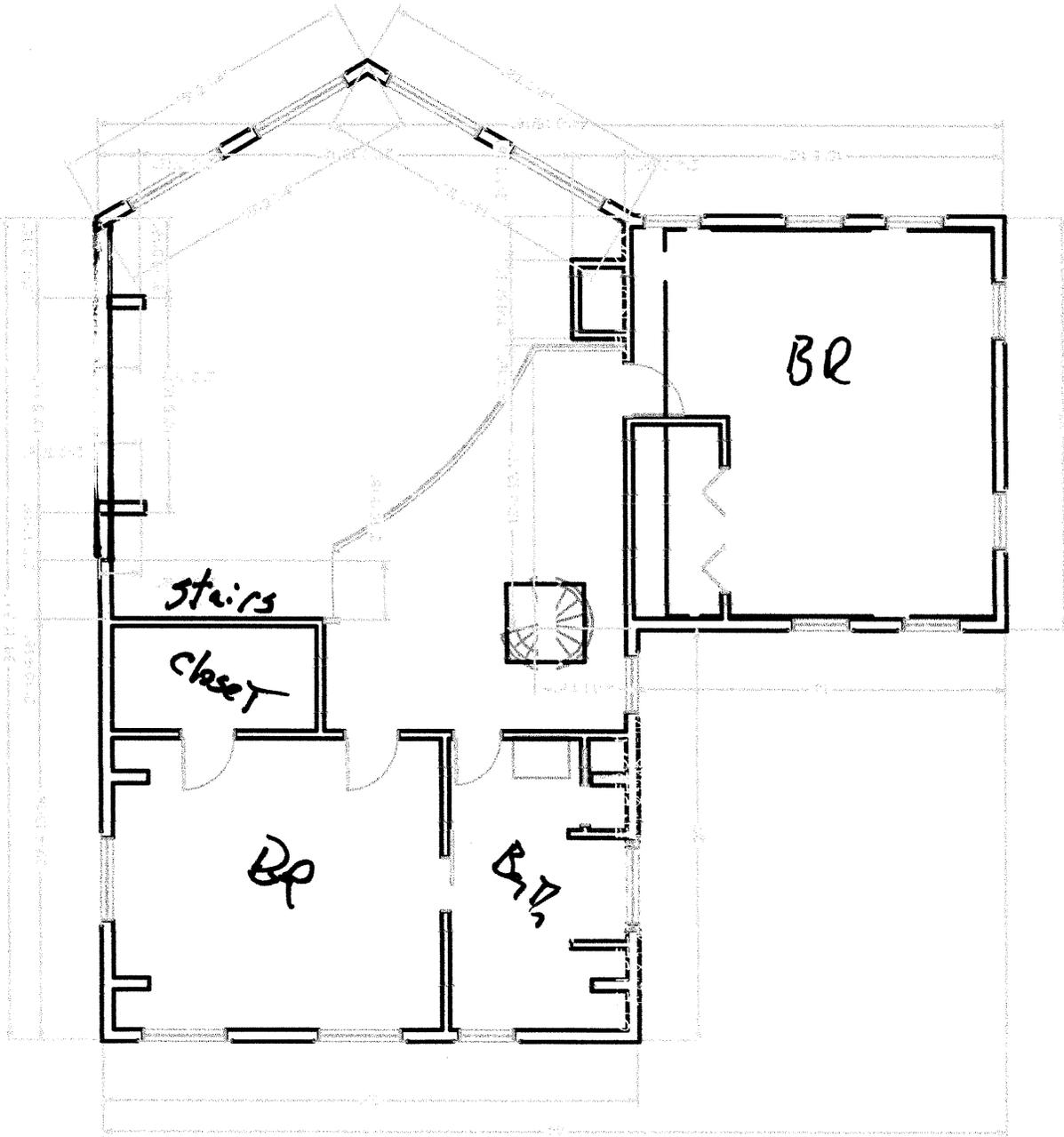


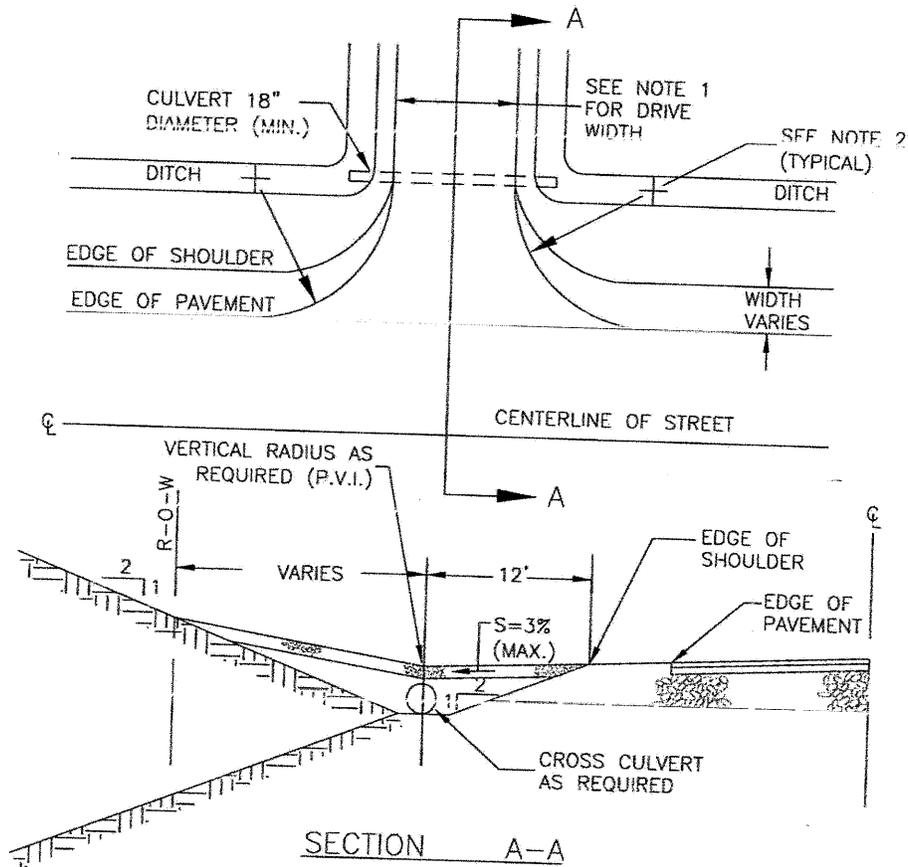
Exterior Elevation Right



Exterior Elevation Front







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
 91 MAIN STREET
 ESSEX JCT., VT
 05452
 P: 802 878-1344
 F: 802 878-1355
 WWW.ESSEX.VT.GOV

TOWN OF ESSEX, VERMONT
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

RURAL DRIVEWAY

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

A-9