

Appeal Period Expires <u>8/21/18</u>	Town of Essex, Vermont Application for Zoning Permit www.essex.org	Application Date <u>1/1</u>
Zoning District <u>C1</u>		Permit Number <u>2018-164</u>

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

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

Signed: [Signature] Sandra Bosley

A

Parcel Account Numb. (Map-Parcel-Lot) 2- 013 - 007 - 006
(found in Town Assessor's Office)

Property Address: 243 Lost Nation Road ✓

Owner: James + Sandra Bosley

Owner Address: 3428 Wagon Arriscane, Utah 84737

Owner Phone: (work) _____ (home) 352-205-2461
(cell) _____ (Email) jpb56@hotmail.com

Contractors name: _____ Phone: _____
Cell: _____

Estimated Construction Dates: Start: 08/24/18 Completion: 08/24/19

Sq. Feet: 1000 Estimated Cost (labor & materials): \$80,000

G

Check box(es) which describe proposed use or construction (circle choice in parenthesis).

N = New A = Addition R = Remodel

Residential: LOFT

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"/>

Inclusions or Additions: 1 CAR

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Non-residential:

Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Stormwater:

Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other:

Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B

Sewage Disposal (Please attach Sewer or Septic Application). ✓

Public Private Connection Fee \$ _____ Date Paid: 1/1

Proposed New Bedrooms: 1 Existing Bedrooms 4-2573-2

C

Water (Please attach Water Service Application). ✓

Public Private Fee \$ _____ Date Paid: 1/1

D

Driveway (Please attach copy of approved Curbcut / Utility Application).

Date of approval 05/11/18 copy given to applicant

E

Stormwater

Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application.

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

F

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

G

TO be constructed pursuant to Planning Commission approval # PC: 2018-2.

Signature of Tenant and Signature of Owner: Sandra Bosley

Office Use Only

Fees:	Type	Amount	Date Pd
Permit		\$ <u>200</u>	<u>1/1</u>
Recreation		\$ <u>629.00</u>	<u>8/6/18</u>
Recording		\$ <u>20</u>	<u>8/6/18</u>
Certificate of Occ		\$ <u>75</u>	<u>1/1</u>
Other		\$ <u>1604.17</u>	<u>1/1</u>

Talkie

Building Permit

Approved Rejected Date 8/6/18

Issued to: James + Sandra Bosley

Zoning Administrator: [Signature]

Notes: Energy info given

C.O. Required Yes No

THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE

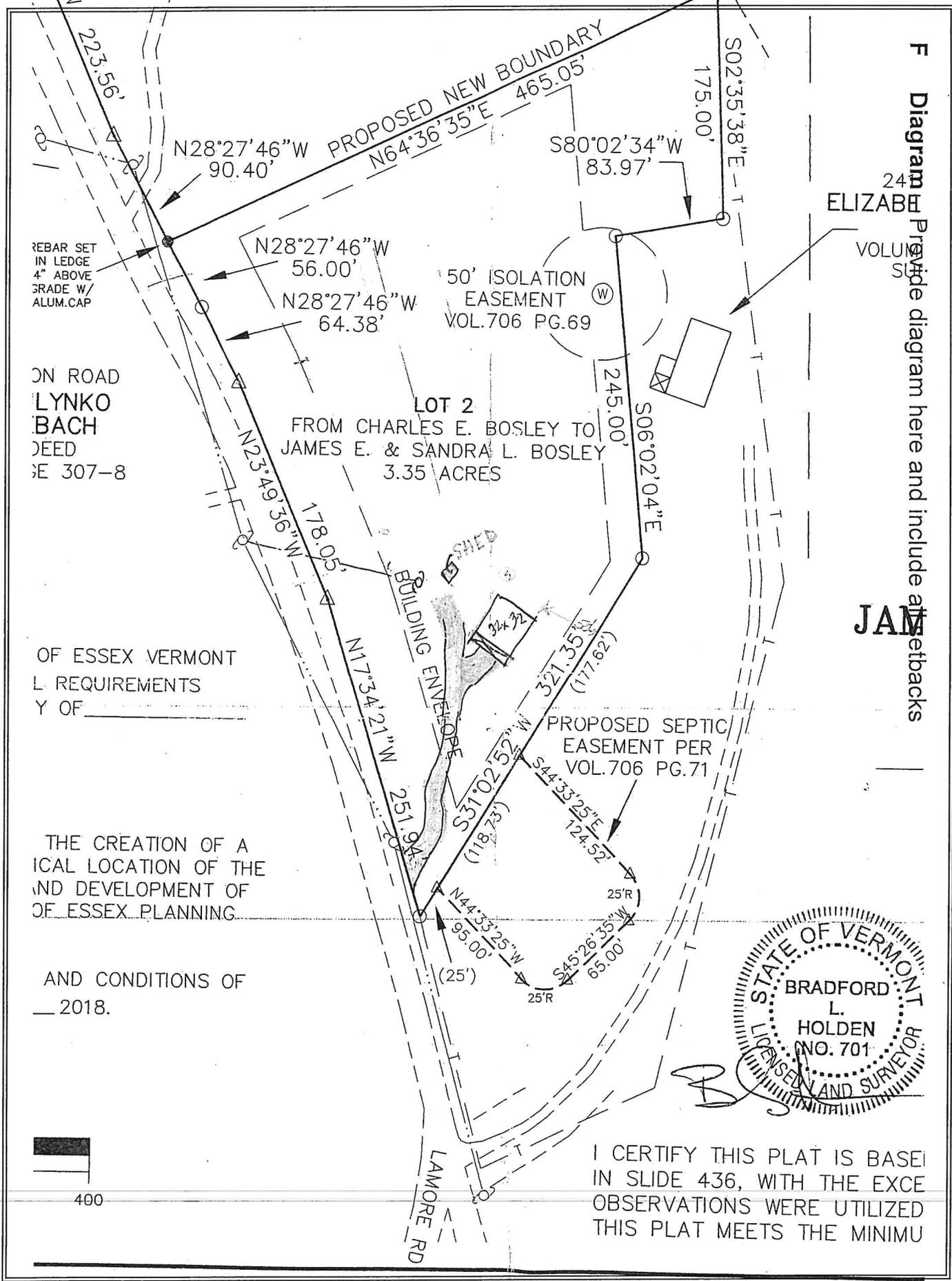
8-5-19 - Extended for 1 year (S)

02/13/17

F Diagram Provide diagram here and include setbacks

24 ELIZABETH VOLU S

JAM setbacks



WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT
LAWS/REGULATIONS INVOLVED

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

Landowner(s): Charles E. Bosley
P.O. Box 504
Essex Jct. VT 05453

Permit Number: WW-4-2573-2

James P. & Sandra L. Bosley
3428 W 90 N
Hurricane UT 84737

Elizabeth & Michael Cady
241 Lost Nation Road
Essex Jct. VT 05452

This permit affects the following properties in Essex, Vermont:

<i>Lot</i>	<i>Parcel</i>	<i>SPAN</i>	<i>Acres</i>	<i>Book(s)/Page(s)#</i>
2	2013007006	207-067-41917	6.29	Book:249 Page(s):676-677
2 reconfigured	2013007006	207-067-41917	3.35	
241 Lost Nation	2013007003	207-067-11643	11.06	Book:975 Page(s):604-605
7-4	2013007004	207-067-10694	9.35	Book:249 Page(s):674-675, Book:144 Page(s):431-439
7-4 reconfigured	2013007004	207-067-10694	12.29	

This project, consisting of the amending Permit #WW-4-2573-1 to merge Lot 2 with adjoining Lot 7-4 of Permit #EC-4-1440, a reconfigured Lot 2 will then be subdivided from Lot 7-4; Lot 7-4 being 12.29 acres with existing three bedroom single family residence, onsite drilled well and disposal field and Lot 7-4 will utilize mound approved in Permit #WW-4-2573-1 as designated replacement area, reconfigured Lot 2 being 3.35 acres for construction of a two bedroom single family residence with onsite drilled well water supply and off-site mound system, located on 245 Lost Nation Road in Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

1. GENERAL

- 1.1 The project shall be completed as shown on the plans and/or documents prepared by Justin Willis; Class BW, with the stamped plans listed as follows:

<i>Title</i>	<i>Sheet Number</i>	<i>Plan Date</i>
Details, Wastewater System & Water Supply	D1	02/28/2018
Site Plan, Wastewater System & Water Supply	S1	02/28/2018

- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits PRIOR to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; or other State departments and local officials.



- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Essex Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Essex Land Records and ensure that copies of all certifications are sent to the Secretary.
- 1.5 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer (or where allowed, the installer) that states:

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

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.
- 1.6 All conditions set forth in **Permit Number EC-4-1440, WW-4-2573-1** shall remain in effect except as amended or modified herein.
- 1.7 Lot 7-4 is approved for with the existing three bedroom residence and Lot 2 is approved for the construction of a two bedroom single family residence.
- 1.8 No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater system shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.9 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s), if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.10 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.11 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

2. WATER SUPPLY

- 2.1 Lot 2 is approved for a potable water supply using a drilled or percussion bedrock well for **280** gallons of water per day provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 2.2 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 2.3 The potable water source location as shown on the stamped plan(s) shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.
- 2.4 Lot 7-4 is approved with an existing on-site drilled well water supply system having a design flow of **420** gallons per-day provided the water supply meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination.

- 2.5 No changes shall be made to the existing water system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. No other means of obtaining potable water shall be allowed without prior review and approval by the Drinking Water and Groundwater Protection Division unless otherwise exempt. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".

3. WASTEWATER DISPOSAL

- 3.1 Lot 2 is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for **280** gallons of wastewater per day. The system(s) shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.2 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 3.3 The corners of the proposed wastewater area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.4 Lot 2 is approved for the mound wastewater system provided the mound is constructed in strict accordance with the following conditions:
- a. The mound system is to be located and constructed as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.
 - b. A qualified Vermont Licensed Designer shall inspect the mound system during critical stages of construction. This shall include the staking of the location of the mound, ensuring the site has been properly leveled prior to placement of the appropriate sand fill, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation.
 - c. The construction of the mound shall adhere to the guidelines set forth in Section 1-913(f) of the above referenced rules.
 - d. Upon completion of construction, and prior to occupancy of any structure being served by the mound system, the inspecting consultant shall submit to the Drinking Water and Groundwater Protection Division a written certification stating the construction has been completed in accordance with the stamped plans and the permit.
- 3.5 The wastewater systems for this project are approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.6 Lot 7-4 is approved with an existing wastewater disposal system with a design flow of **420** gallons per day. No changes shall be made to the existing wastewater system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and to submit an application to Drinking Water and Groundwater Protection Division prior to correcting the failure.
- 3.7 Lot 7-4 - A future replacement wastewater area has been identified on the stamped plan(s). There shall be no construction or other activities that would impact the suitability of this replacement area for wastewater disposal. Should the existing system fail, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to repair or replacement of the system.

- 3.8 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater systems are allowed on or near the site-specific wastewater system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater system.

Emily Boedecker, Commissioner
Department of Environmental Conservation



By _____

Dated March 22, 2018

Jessanne Wyman
Regional Engineer
Essex Junction Regional Office
Drinking Water and Groundwater Protection Division

cc: Justin Willis
Essex Planning Commission

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

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

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

Application No. _____ / _____
Date

Property Address: 243 Lost Nation Rd

Owner Address: 3428 W 90N, Hurricane, UT, 84737

Owner Name: James Bosley (Sandra Bosley)

Phone Number: (home) 352-259-0033 (work) _____ (cell) _____

Tax Map # _____ Tax Parcel _____ Tax Lot _____

Application is for: (check one)

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

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

Comments be Director of Public Works / Town Engineer:

Culvert : Yes No

Water Bar(s) : Yes No

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

*** FOR OFFICE USE ONLY ***

Signature of Owner:

[Signature] for
James Bosley
Sandra Bosley

Fee Paid \$ _____

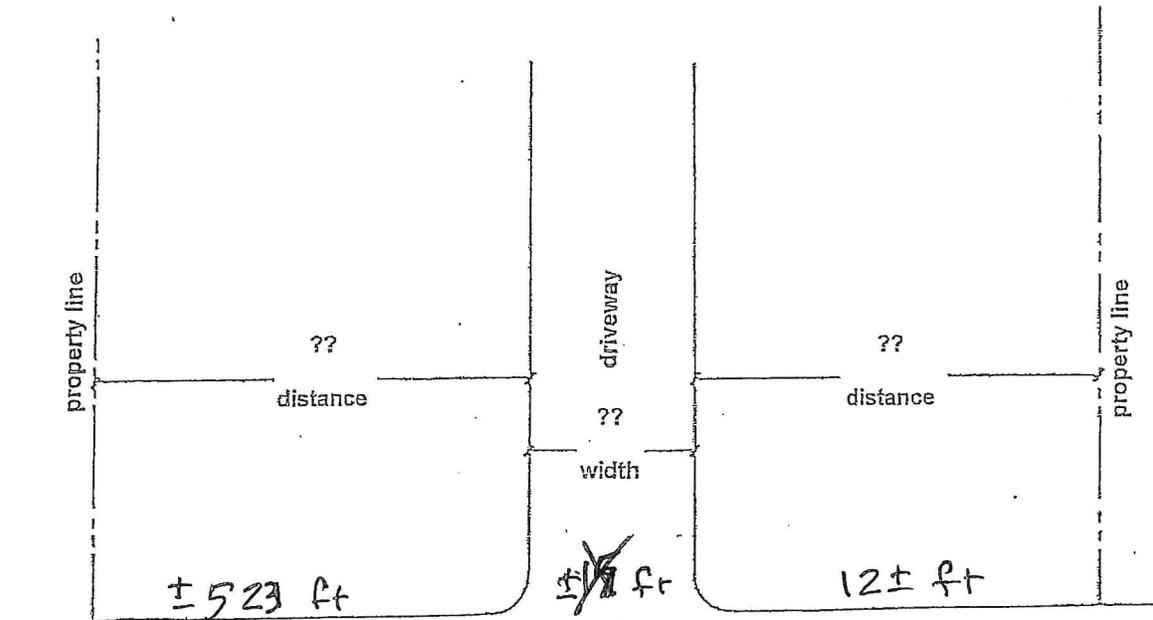
Approved Rejected

[Signature] - 5-21-18

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.



Lost Nation Rd

STREET NAME

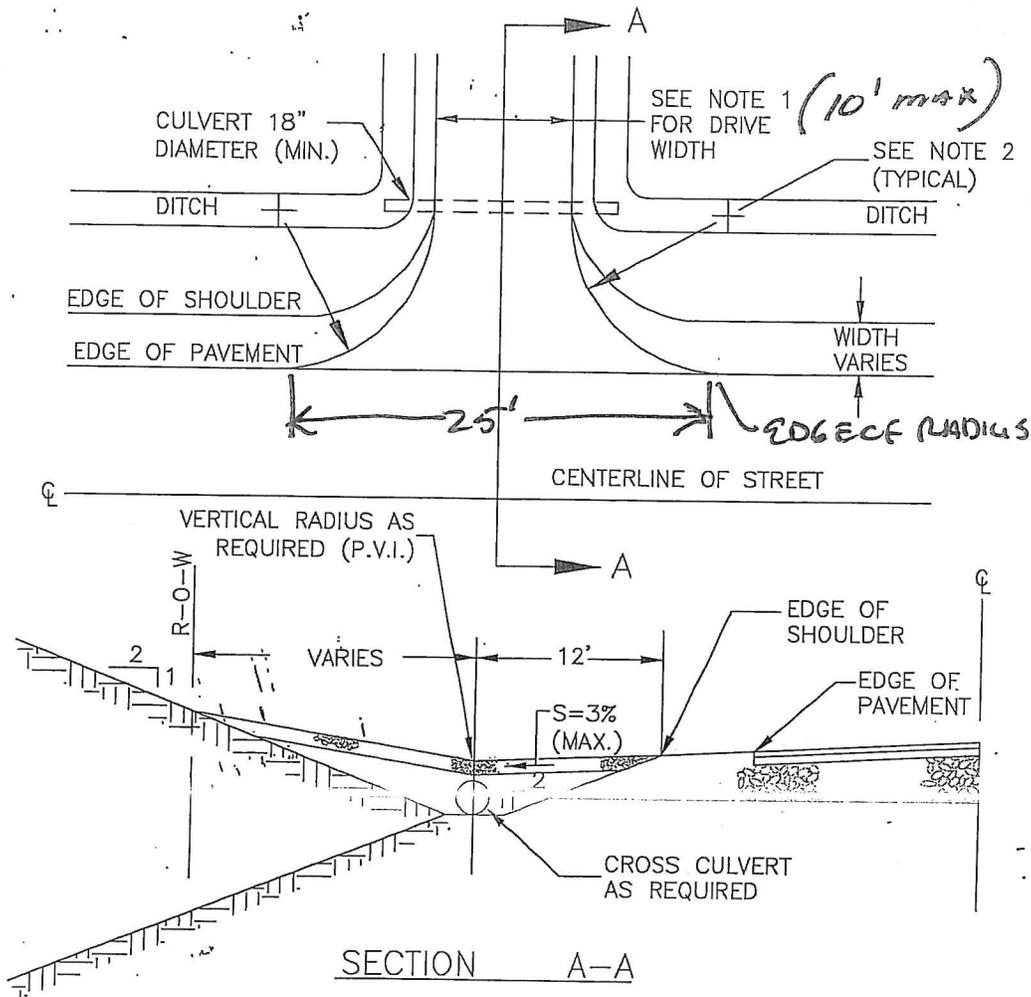
Comments and / or special instructions from Director of Public Works / Town Engineer.

1. THE MAXIMUM WIDTH OF DRIVEWAY SHALL BE 10' WIDE PER ATTACHED DETAIL.
2. A 18" CULVERT SHALL BE IN STALL PER ATTACHED DETAIL.
3. THE DITCH LINE FRONTING THE ENTIRE LENGTH OF THE PROPERTY SHALL BE CLEANED AND RE-SHAPED IN ACCORDANCE WITH THE ATTACHED DETAIL.

AMM
5-21-18

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.

878-4117



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: 802 878-1355
 E: www.essex.org

TOWN OF ESSEX, VERMONT
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

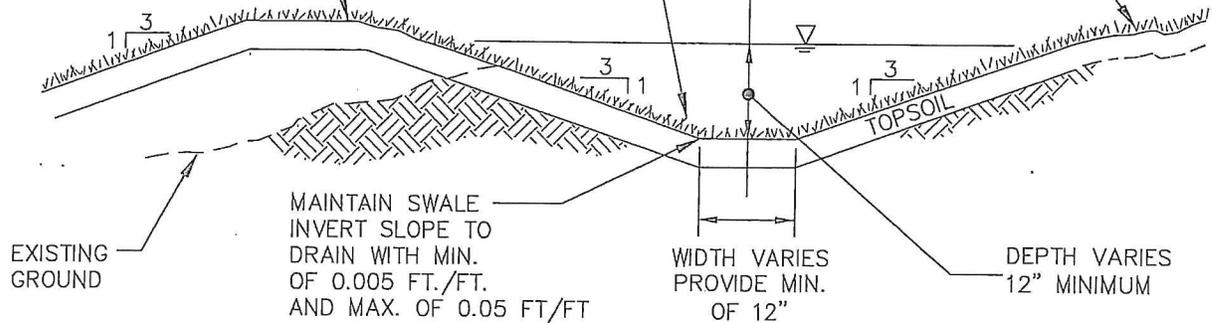
RURAL DRIVEWAY

Detail No:	100.09
Scale:	NOT TO SCALE
Date:	JAN. 2017
A-9	

BERM AS NECESSARY TO MAINTAIN DEPTH AND 0.005 FT./FT. MIN. SLOPE IN DITCH

PROVIDE 4" TOPSOIL SEED, FERTILIZE, AND MULCH

EXISTING GROUND



GRASS LINED SWALE

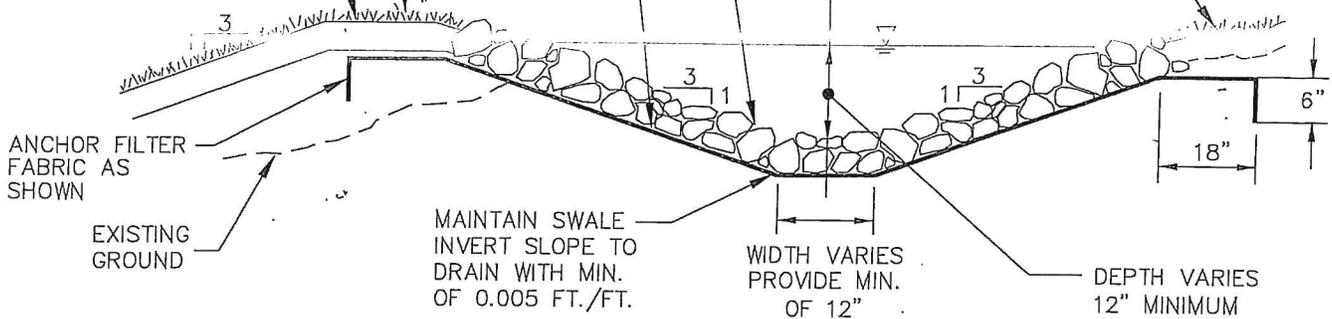
BERM AS NECESSARY TO MAINTAIN DEPTH AND 0.005 FT./FT. MIN. SLOPE IN DITCH

PROVIDE 4" TOPSOIL SEED, FERTILIZE, AND MULCH

PROVIDE 18" DEPTH SEE NOTE 3

PROVIDE MIRAFI FILTER FABRIC

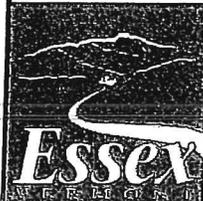
EXISTING GROUND



STONE LINED SWALE

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE GRASS LINED SWALE AND RESTORE EROSION PREVENTION MEASURES AFTER EACH STORM EVENT. SEE SECTION 500 OF THESE SPECIFICATIONS FOR FURTHER DIRECTION ON EROSION AND SEDIMENT CONTROL MEASURES.
2. STONE LINED SWALES SHALL BE USED FOR GRADES IN EXCESS OF 0.05 FT./FT. (5.0%)
3. DITCHES SHALL BE LINED WITH A COMBINATION OF TYPE 1 STONE & 8" MINUS AS APPROVED BY THE TOWN OF ESSEX PUBLIC WORKS DEPARTMENT.



TOWN OF ESSEX
PUBLIC WORKS
81 MAIN STREET
ESSEX JCT., VT
05452

P: 802 878-1344
F: 802 878-1355
E: www.essex.org

TOWN OF ESSEX, VERMONT
STANDARD SPECIFICATIONS FOR CONSTRUCTION

DRAINAGE SWALES

Detail No: 200.06

Scale: NOT TO SCALE

Date: JAN. 2017

A-19