

Appeal Period Expires 1/29/12  
 Zoning District A-2

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

Application Date 1/1/12  
 Permit Number 2012-03

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 @ 879-5676.**

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: Christopher L. Benette

**A** Parcel Account Numb. (Map-Parcel-Lot) 2-073-001-049  
 (found in Town Assessor's Office)  
 Property Address: lot 49 Discovery rd 190 Lastracion Rd  
 Owner: Chris & Diane Benette  
 Owner Address: Milton VT  
 Owner Phone: (work) 879-0144 (home) 879-8654  
 (cell) 363-2743 (Email) Christopher@insurance.com  
 Contractors name: VWS Home Ins. Phone: 782-9964  
 Cell: 782-9964  
 Estimated Construction Dates: Start: Jul 1/2012 Completion: 5/1/12  
 Sq. Feet: 2700 Estimated Cost (labor & materials): \$ 348,000

**G**

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

**Residential:**

Single Family	N	A	R
	<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:**

Garage (attached)(detached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)(roof)	<input checked="" 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"/>

**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: 4 Existing Bedrooms \_\_\_\_\_

**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 1/1 existing attached

**E** Stormwater

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

Project creates new or expands existing impervious surface greater than or equal to 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. (Instruction sheet available upon request.)  
TO BE constructed pursuant to plans on file and as approved by the Planning Commission  
See Attached (subject)

**G** Signature of Tenant and Signature of Owner Christopher L. Benette

**Office Use Only**

Fees	Type	Amount	Date Pd
Permit		\$ <u>900.00</u>	<u>1/7/12</u>
Recreation		\$ <u>626.00</u>	<u>1/1</u>
Recording		\$ <u>20.-</u>	<u>1/4/12</u>
Certificate of Occ.		\$ <u>75.-</u>	<u>1/1/12</u>
Other <u>gravel fee</u>		\$ <u>712.00</u>	<u>1/4/12</u>

**Building Permit**  
 Approved  Rejected  Date 1/9/12  
 Issued to: Christopher & Diane Benette  
 Zoning Administrator: Shawn Kelly  
 Notes: PC Approval + 2011-4 map  
2011-25  
to Re-submit - condition S-13 last time  
plan

C.O. Required Yes  No

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

(web) 11/02/10

PLATTAN SURVEYING

ZELCO  
TAX MAP 74.43

PIETTE  
TAX MAP 74.4

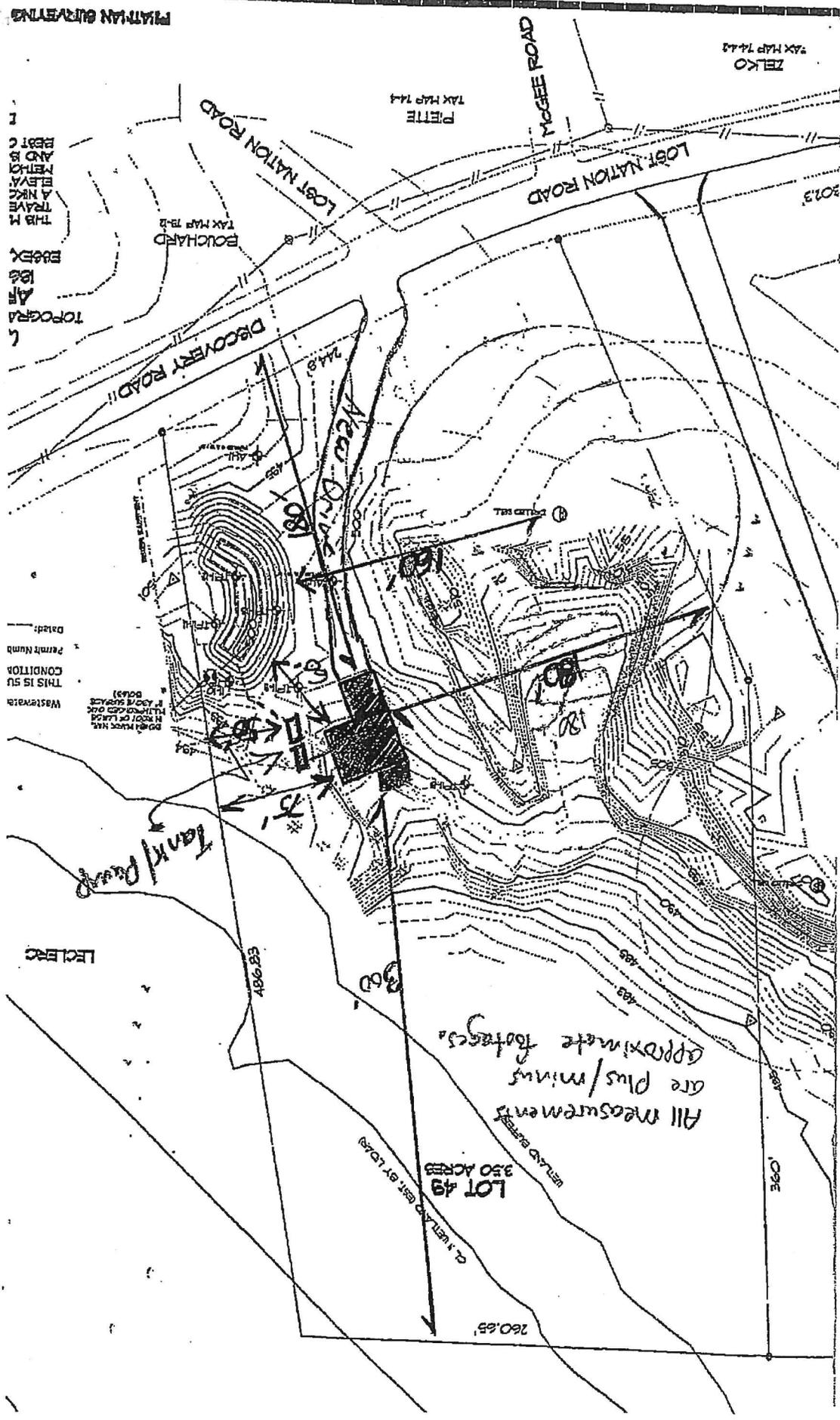
BOUCHARD  
TAX MAP 73.2

TOPOGRAPHY  
APR 1988  
ELEVATION  
METHOD  
AND IS  
BEST C

THIS IS SU  
CONDITION  
Permit Numbr  
Date:

WASTEWATER  
IN FOOT OR LESS  
POST HOLE HAS  
1.30' SURFACE  
DOUBT

LECLERC



All measurements  
are plus/minus  
approximate footages

LOT 49  
350 ACRES

Tank/Pump

300

350

260.65'

1.06'

CL. 1.12' (1.12' EST. BY T.149)

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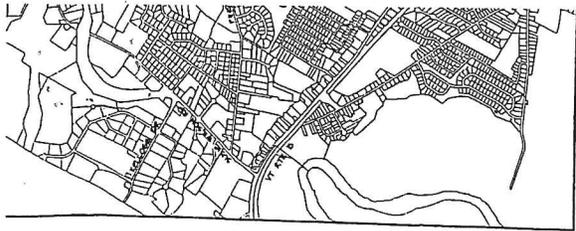
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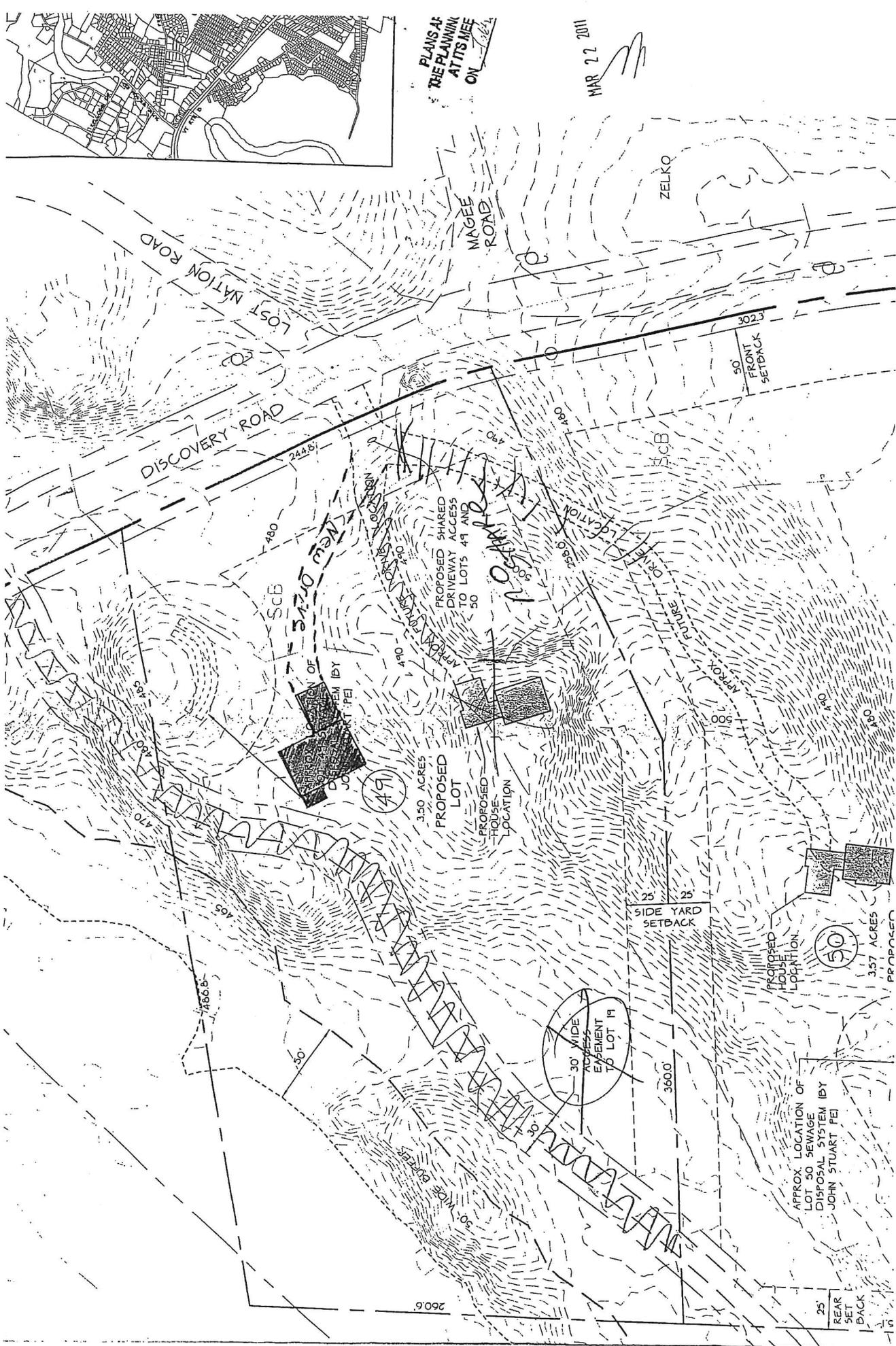
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PLANS AT THE PLANNING AT ITS NEED ON 1-18-11

MAR 22 2011



DISCOVERY ROAD  
LOST NATION ROAD  
MAGEE ROAD  
ZELKO

PROPOSED HOUSE LOCATION  
PROPOSED SHARED DRIVEWAY ACCESS TO LOTS 41 AND 50  
APPROX. LOCATION OF FUTURE TILLAGE

3.50 ACRES  
PROPOSED LOT

SIDE YARD SETBACK

PROPOSED HOUSE LOCATION

APPROX. LOCATION OF LOT 50 SEWAGE DISPOSAL SYSTEM (BY JOHN STUART FEI)

25' REAR SETBACK

50

49

30' WIDE ADDRESS EASEMENT TO LOT 19

50' APPROX.

50' FRONT SETBACK

25'

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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 and approval. 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.

Application No. 1  
Date \_\_\_\_\_

Property Address: 190 Lost Nation Rd Owner Name: Chris & Diane Besette  
Owner Address: 1 Market Place #32 Essex Junction VT 05452 Phone Number - (w) 879-0144 (h) 893-8654  
Town Tax Map # 073 Parcel # 001 Lot 046

Application is for: (check one)

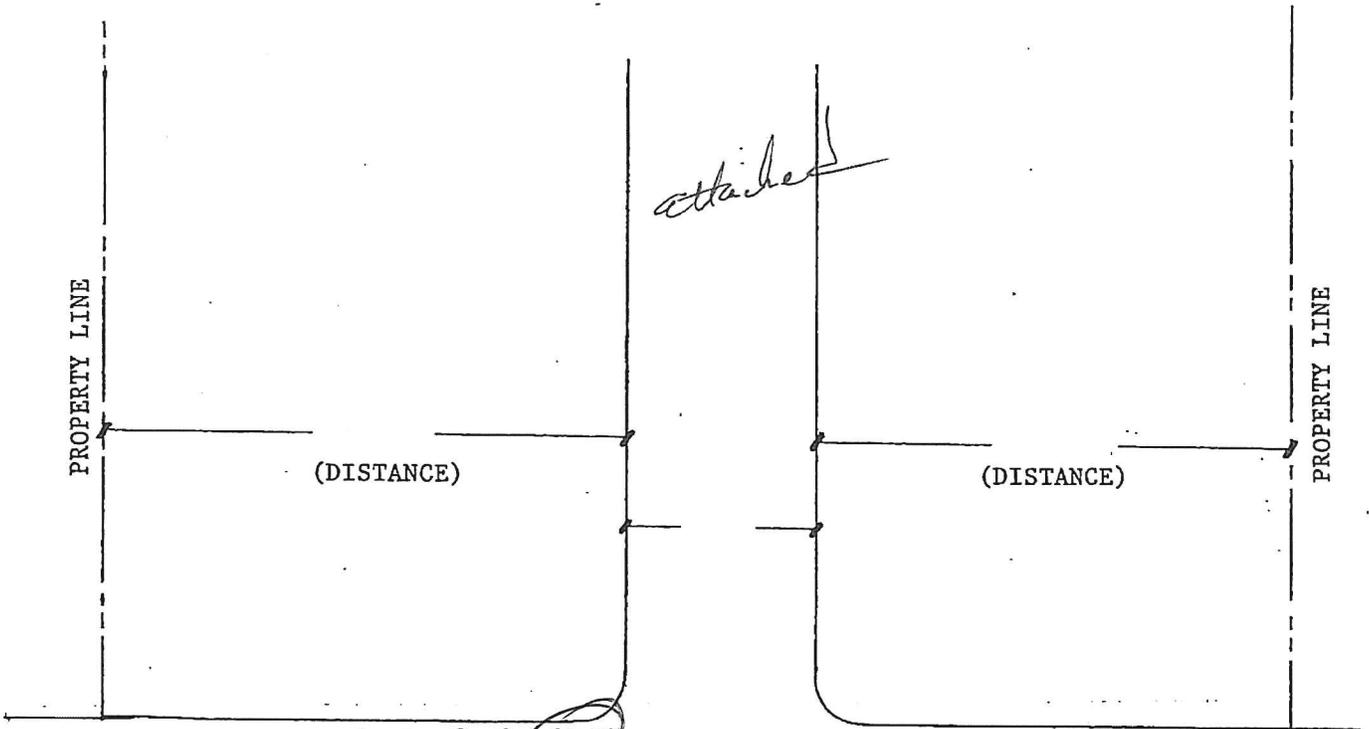
A) New Curb Cut  B) Utility Installation: Overhead  Underground

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

Signature of Owner: [Signature] For Office Use Only  
Fee Paid: AS NOTED ON BACK  
Approved:  Rejected  Date: JAN. 06, 2012  
Director of Public Works/Town Engineer or Authorized Representative: [Signature]

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
  2. Culvert will be purchased by Applicant
  3. Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.
- Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS/TOWN ENGINEER FOR INSPECTION PURPOSES.



as approved by P.C. *AKM* (WIDTH) 1-6-12

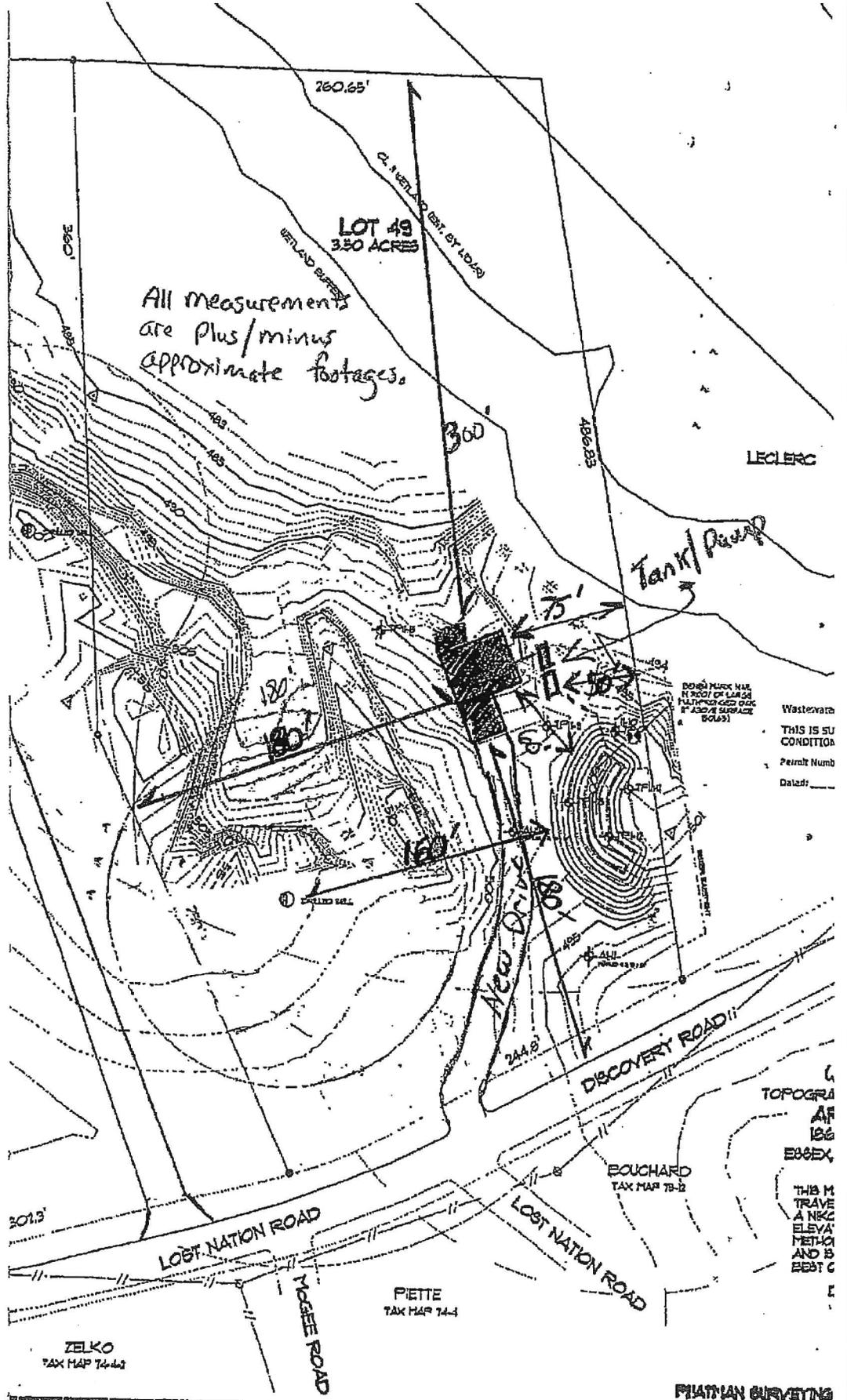
190 Lost Nation Rd  
STREET NAME

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

THE APPLICANT SHALL SUBMIT A TRAFFIC CONTROL PLAN AND A BLASTING PLAN FOR REVIEW AND APPROVAL BY PUBLIC WORKS BEFORE ANY WORK BEGINS.

*AKM*  
1-6-12

**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.**



All measurements  
are Plus/minus  
approximate footages.

Wastewater  
THIS IS SU  
CONDITION  
Permit Numb  
Date: \_\_\_\_\_

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ESSEX,  
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A NK2  
ELEV  
METH  
AND B  
BEST C

ZELKO  
TAX MAP 74-43

PETTE  
TAX MAP 74-4

BOUCHAR  
TAX MAP 73-2

PIATTAN SURVEYING



2012-003

Lot 49 or 50.

**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, 20101980-ck  
Lost Nation**Landowner(s): Christopher & Diane Bessette**  
**1 Marketplace #32**  
**Essex Jct VT 05452****Permit Number: WW-4-3634-2**  
**PIN: EJ11-0012**

This permit affects property identified as Town Tax Parcel ID # Essex: 2073001049 referenced in a deed recorded in Book 859 Page(s) 878-881 of the Land Records in Essex, Vermont.

This project, consisting of an amendment to change Innovative/Alternative products from an Advantex treatment system to a Norweco Singular treatment system on Lot 49, as-built locations of the 4 bedroom single family residence, drilled well, and force main, served by on-site water supply and wastewater disposal systems located on Lost Nation/Discovery 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 following plans and/or documents prepared by David A. Tudhope, Licensed Designer, with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1	Norweco Details	4/30/2012	6/25/2012
2	AsBuilt Plan	6/08/2012	6/18/2012

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 District 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; other State departments; or 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 Each purchaser of any portion of the project shall be shown copies of the Wastewater System And Potable Water Supply Permit, the stamped plans, and **Innovative/Alternative System Approval letter #2005-01-R2 (2010 Renewal, expires 12/1/2012) for the Norweco Singulair® System** prior to conveyance of the lot. The owner of a property where an Innovative/Alternative System has been installed shall comply with all the conditions in the Innovative/Alternative Approval letter that is incorporated with this permit including a maintenance agreement for the system.

1.6 Each new owner of the property shall inform the Drinking Water and Groundwater Protection Division and vendor within 30 days of the transfer of the property and include the name and mailing address of the new owner.

JUL 13 2012  


- 1.7 This project is approved for the existing four bedroom single family residence on Lot 49. Construction of additional nonexempt buildings, including commercial and residential buildings, is not allowed without prior review and approval by the Drinking Water and Groundwater Protection Division and such approval will not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.8 All conditions set forth in **Permit Number WW-4-3634-1** shall remain in effect except as amended or modified herein.
- 1.9 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.
- 1.10 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 The project is approved with an existing on-site drilled well water supply system having a maximum design flow of **490** 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.
- 2.2 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 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.2 This project is approved with an existing wastewater disposal system with a maximum design flow of **490** gallons per day. No changes shall be made to the existing wastewater system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and to submit an application to Drinking Water and Groundwater Protection Division prior to correcting the failure.

## **3. WASTEWATER DISPOSAL**

- 3.3 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of **490** gallons of wastewater per day. 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.
- 3.4 A user's manual for the Innovative/Alternative treatment system shall be developed and provided by the system designer at the time the system "as-built" drawings are completed and submitted to the owner.
- 3.5 A qualified Vermont Licensed Designer shall, upon completion and prior to placing the system in use, report in writing to the Division that the installation was accomplished in accordance with the **Innovative/Alternative System Approval Letter**, stamped plans and permit conditions. The Drinking Water and Groundwater Protection Division is to be notified if at any time the wastewater disposal system fails to function properly and/or creates a health hazard.
- 3.6 A qualified Vermont Licensed Designer shall perform all periodic inspections of the **Innovative/Alternative** treatment system pursuant to the requirements as outlined in the **Innovative/Alternative System Approval Letter**. A written report of the inspection shall be submitted to the Division within 30 days of the inspection.

- 3.7 The wastewater system serving the approved lot(s) is an Innovative/Alternative System and there are special requirements that apply. Please refer to the attached document titled Innovative/Alternative System Approval for the additional requirements that apply.
- 3.8 All parts of the filtrate effluent disposal system must meet the requirements outlined in Subchapter 9 of the Rules. An operation and maintenance manual must be provided to the landowner. The container must be leakage tested under the supervision of a qualified Vermont Licensed Designer as part of the designer's certification requirements.
- 3.9 The wastewater disposal system for the project is designed using the performance base approach. The use of the performance-based wastewater disposal system approved in this permit requires that an annual inspection be performed by a Vermont Licensed Designer Class 1 or Class B starting when the system is placed in use and continuing for the first three years of operation. The field inspection shall be done in April or May and a written report shall be submitted by the June 15th of each year to the landowner and the Drinking Water and Groundwater Protection Division. The inspection shall consist of a field inspection of the wastewater disposal system and the area within 25' of the system in all directions noting any indication of failure.
- 3.10 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.11 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

David K. Mears, Commissioner  
Department of Environmental Conservation

By Jessanne Wyman  
Jessanne Wyman, Regional Engineer  
Dated June 27, 2012

cc Essex Planning Commission  
David A. Tudhope  
Innovative/Alternative Program -via email