

Shoreland Permit Applicationfor a **Shoreland Protection Permit** under Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number:

297



VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WATERSHED MANAGEMENT DIVISION

LAKES & PONDS PROGRAM

Public Notice: At the same time this application is filed with Shoreland Permitting, a copy of this application must be provided to the municipal clerk for posting in the municipality in which the project is located.

Submission of this application constitutes notice that the person in Section A intends to create impervious surface and/or cleared area within the Protected Shoreland Area, and certifies that the project will comply with Chapter 49A of Title 10, § 1441 *et seq.* All information required on this form must be provided, and the requisite fees (Section G) must be submitted made payable to the State of Vermont, to be deemed complete. Refer to *The Vermont Shoreland Protection Act - A Handbook for Shoreland Development* and related instructions for guidance in completing this application.

A. Parcel Information

1. Landowner's Name: Michael L. & Kathleen H. Gingras

2a. Physical Address (911 Address): 754 Maquam Shore Road

2b. Town - County: St. Albans - Franklin

2c. Zip: 05488

3. SPAN (The School Parcel Account Number is required for your application to be deemed complete. It can be obtained from your property tax bill. If you cannot locate your property tax bill, please obtain this information from your Town Clerk) : 552-174-10823

4. Phone: (518) 783-1897

5. Email: MGingras@nycap.rr.com

6. Name of lake/pond: Champlain Lake (Northeast Arm) - Swanton

7. Total shore frontage: 150.00 (feet)

8. Was the parcel of land created before July 1, 2014? Yes No9. Are there wetlands associated with this parcel? Yes NoContact the Wetlands Program: (802) 828-1535 or watershedmanagement.vt.gov/wetlands.htm.

10. Have you ever applied for a permit with the Department of Environmental Conservation associated with this parcel?

 Yes No

9,259 square feet mbs 6/28/16

11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): ~~9~~ (square feet)

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix C, Determining Lakeside Zone & PSA

12. What is the surface area of existing impervious surface on your parcel within the PSA: ~~149~~ ^{1,035 square feet} (square feet)

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F, Calculating Percent Impervious Surface

13. What is the surface area of existing cleared area on your parcel within the PSA: 7,403 (square feet)

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

B. Applicant Contact Information

1. Name: Michael L. & Kathleen H. Gingras

2a. Mailing Address: 4 Wood Plot Road

2b. Municipality: Loudonville

2c. State: NY

2d. Zip: 12211

3. Phone: (518) 783-1897

4. Email: MGingras@nycap.rr.com

C. Application Preparer Information (if the individual preparing the application is not the landowner.)

1. Name: Peter Mazurak, P.E.

2a. Mailing Address: 103 Fairfax Road

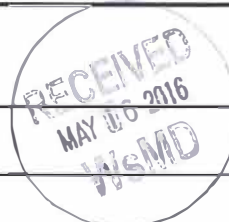
2b. Municipality: St. Albans

2c. State: VT

2d. Zip: 05478

3. Phone: 802-524-2113

4. Email: pmazurak@crossconsultingengineers.com



D. Project Description

1. Describe the proposed project. For this application to be considered administratively complete you must attach site plans that denote existing and proposed cleared areas and impervious surface and their distances from mean water level, no fewer than three photos of the project area, and dimensions and associated surface areas of cleared areas and impervious surfaces.

Existing seasonal camp dwelling to be rebuilt in same location. A new wastewater system will be constructed. An extension to the existing driveway (620 SF) will be constructed. Existing impervious on the property includes a shed slab (40 SF), a walkway (36 SF) and a portion of the driveway (73 SF) and the dwelling (886 SF) for a total of 1,035 square feet of existing impervious surface. mbs 6/28/16

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 39 (feet), and How far will new cleared area or impervious surface be from MWL 64 (feet)?

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL _____ (feet)?
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix A – Estimating Mean Water Level

3. Can all new cleared area or impervious surface be set back at least 100 feet from MWL? Yes No
If no, explain why below (attach support information as needed):

The entire lot is within 100 feet of MWL.

4a. What is the slope of the project site area: 4.00 %
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix B, Determining Slope

4b. Is the slope of the project area less than 20%?
 Yes No If yes, skip 4c.

4c. If no above (4b), describe the measures taken to ensure the slope is stable, resulting in minimal erosion and impacts to water quality (attach support information as needed):

5a. What is the surface area of new impervious surface associated with this project: 620.00 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F Calculating Percent Impervious Surface

5b. What is the total resulting impervious surface after completion of the project and prior to implementation of best management practices: ~~1,769.00~~ (square feet)
For D5b, add A12 to D5a 1,655 square feet mbs 6/28/16

5c. Is the total in 5b. 20% or less of the parcel area within the PSA? Yes If yes, skip 5d. No 17.9%

If 5a is 0, check the n/a box, otherwise divide 5b by A11 and multiply by 100 for percentage. Total percentage = ~~8.33%~~ N/A

5d. If no above (5c), describe the best management practices used to manage, treat and control erosion from stormwater from the portion of impervious that exceeds 20% (attach support information as needed):

6a. What is the surface area of new cleared area associated with this project: <u>0.00</u> (square feet) <small>See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing</small>	6b. What is the total resulting cleared area after completion of the project and prior to implementation of best management practices: <u>7,403.00</u> (square feet) <small>For 6b, add A13 to D6a.</small>									
6c. Is the total in 6b. 40% or less of the parcel area within the PSA? <input type="checkbox"/> Yes <small>If yes, skip 6d.</small> <input checked="" type="checkbox"/> No <small>If 6a is 0, check the n/a box, otherwise divide 6b by A11 and multiply by 100 for percentage. Total percentage = <u>80</u> % <input type="checkbox"/> N/A</small>										
6d. If no above (6c), describe the best management practices used to provide erosion control, bank stability, and wildlife habitat functionally equivalent to clearing less than 40% (attach support information as needed). Seed and mulch of disturbed areas within seven days of disturbance. Silt fence will be installed down slope of disturbed areas. NO NEW CLEARED AREA. For the tree removal: the only trees to be removed (or trimmed) will be for the construction of the wastewater system components. According to 6/22/16 email from Peter Mazurak. mbs 6/28/16										
E. Landowner Certification As APPLICANT, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Shoreland Protection Act, 10 V.S.A. Chapter 49A, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201. Applicant/Landowner Signature: <u>Michael Grogan / Kathleen Menges</u> Date: <u>5-5-16</u>										
F. Application Preparer Certification (if applicable) As APPLICATION PREPARER, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Application Preparer Signature: <u>[Signature]</u> Date: <u>5/12/16</u>										
G. Additional Required Documentation <i>(Please check to ensure you have completed the following)</i> <input type="checkbox"/> All sections of the application are complete (or otherwise indicate "not applicable") <input type="checkbox"/> Application includes site plans denoting existing and proposed cleared area and impervious surface and distances from mean water level <input type="checkbox"/> Application description includes dimensions and surface areas of cleared areas and impervious surfaces <input type="checkbox"/> Application includes photos of project area										
H. Permit Application Fees <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 40%;"><i>Administrative Fee:</i> \$125.00</td> <td style="width: 20%;"></td> <td style="width: 40%; text-align: right;">\$ 125.00</td> </tr> <tr> <td><i>Impervious Area Fee: \$0.50 per square foot</i></td> <td>Enter new Impervious area as entered in item (5a.) <u>620.00</u> x .5</td> <td style="text-align: right;">\$ 310.00</td> </tr> <tr> <td>Total:</td> <td></td> <td style="text-align: right;">\$ 435.00</td> </tr> </table>		<i>Administrative Fee:</i> \$125.00		\$ 125.00	<i>Impervious Area Fee: \$0.50 per square foot</i>	Enter new Impervious area as entered in item (5a.) <u>620.00</u> x .5	\$ 310.00	Total:		\$ 435.00
<i>Administrative Fee:</i> \$125.00		\$ 125.00								
<i>Impervious Area Fee: \$0.50 per square foot</i>	Enter new Impervious area as entered in item (5a.) <u>620.00</u> x .5	\$ 310.00								
Total:		\$ 435.00								

Print Form

Submit this form and application fee, payable to:
 State of Vermont
 Vermont Department of Environmental Conservation
 Watershed Management Division
 Shoreland Permitting
 1 National Life Drive, Main 2
 Montpelier, VT 05620-3522

 Direct all correspondence or questions to Shoreland Permitting
 at: ANR.WSMDShoreland@vermont.gov

 For additional information visit:
www.watershedmanagement.vt.gov



HOUSE SITE FACING SOUTHWEST.



HOUSE SITE FACING SOUTHEAST



EXISTING LAKE ACCESS PATH FACING WEST



SHORE LINE FACING SOUTH



EXISTING LAKE ACCESS PATH FROM SHORE LINE



SHORE LINE AT POINT FACING SOUTH



FROM SHORE LINE FACING EAST



FROM SHORE LINE FACING EAST, SHED SLAB



SHORE LINE FACING NORTH



FROM ACCESS PATH FACING SOUTH



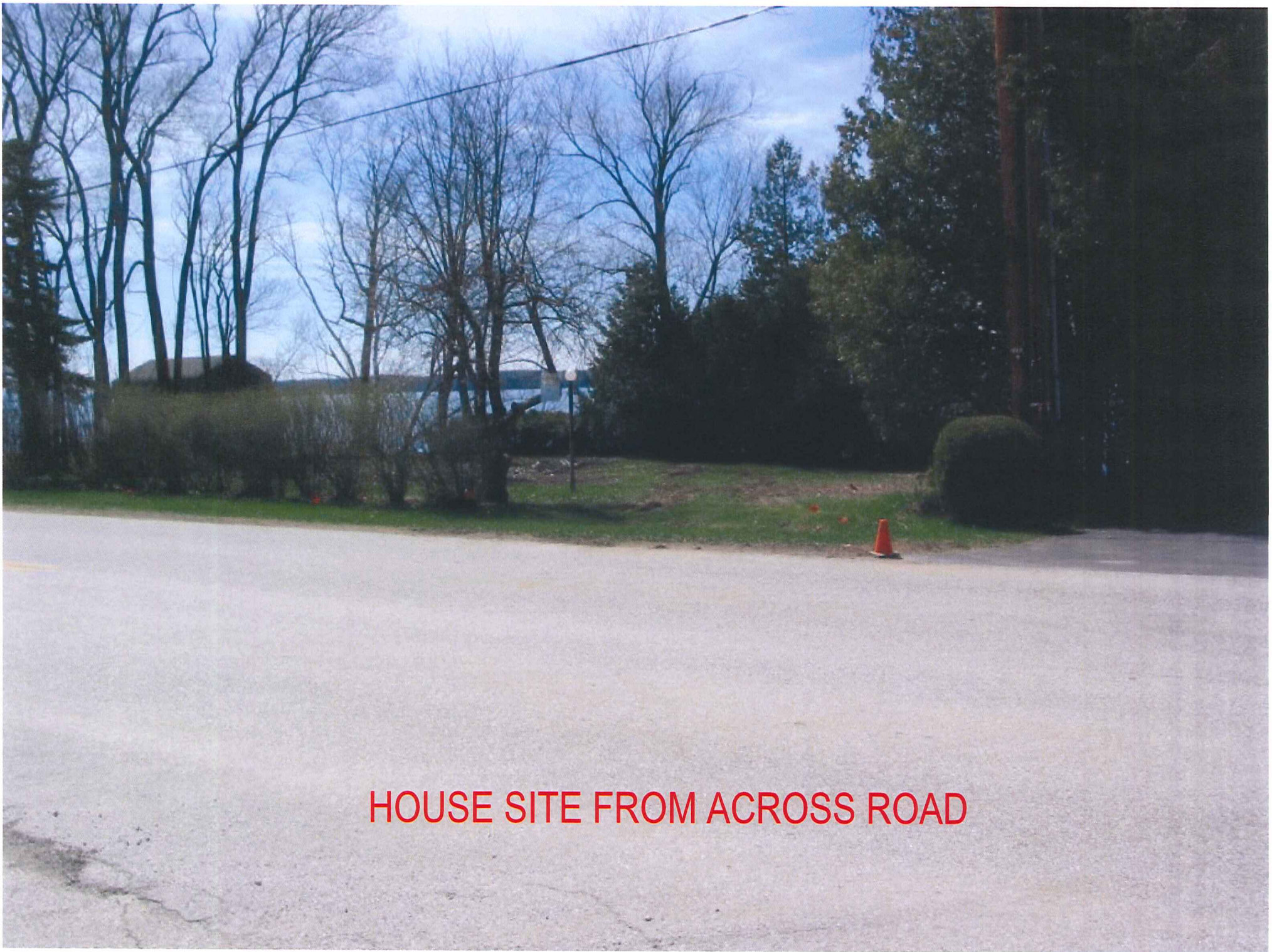
SHED SLAB



HOUSE SITE FACING EAST



HOUSE SITE FACING NORTH



HOUSE SITE FROM ACROSS ROAD

CROSS CONSULTING ENGINEERS, P.C.

103 Fairfax Road
St. Albans, Vermont 05478-6271

TELEPHONE (802) 524-2113
FAX (802) 524-9681

TO: VT DEC – Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522

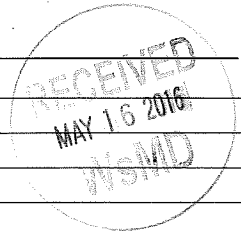
LETTER OF TRANSMITTAL

DATE: May 12, 2016	JOB NO: 16004
ATTENTION:	
RE: Michael Gingras	
754 Maquam Shore Road, St. Albans, VT	

WE ARE SENDING YOU Attached Under Separate cover via _____ the following items:

Shop Drawings Prints Plans Samples Specifications

Copy of letter Change Order _____



COPIES	DATE	NO.	DESCRIPTION
1	5/5/16	8886	Check to State of VT for \$435.00 from Michael Gingras
1	5/5/16		Shoreland Permit Application
1			Photos
1	4/27/16	C-1	Development Plan

THESE ARE TRANSMITTED as checked below:

- For Approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO Client & Town of St. Albans for Posting via e-mail

SIGNED: Jane B. Landry
For: CROSS CONSULTING ENGINEERS

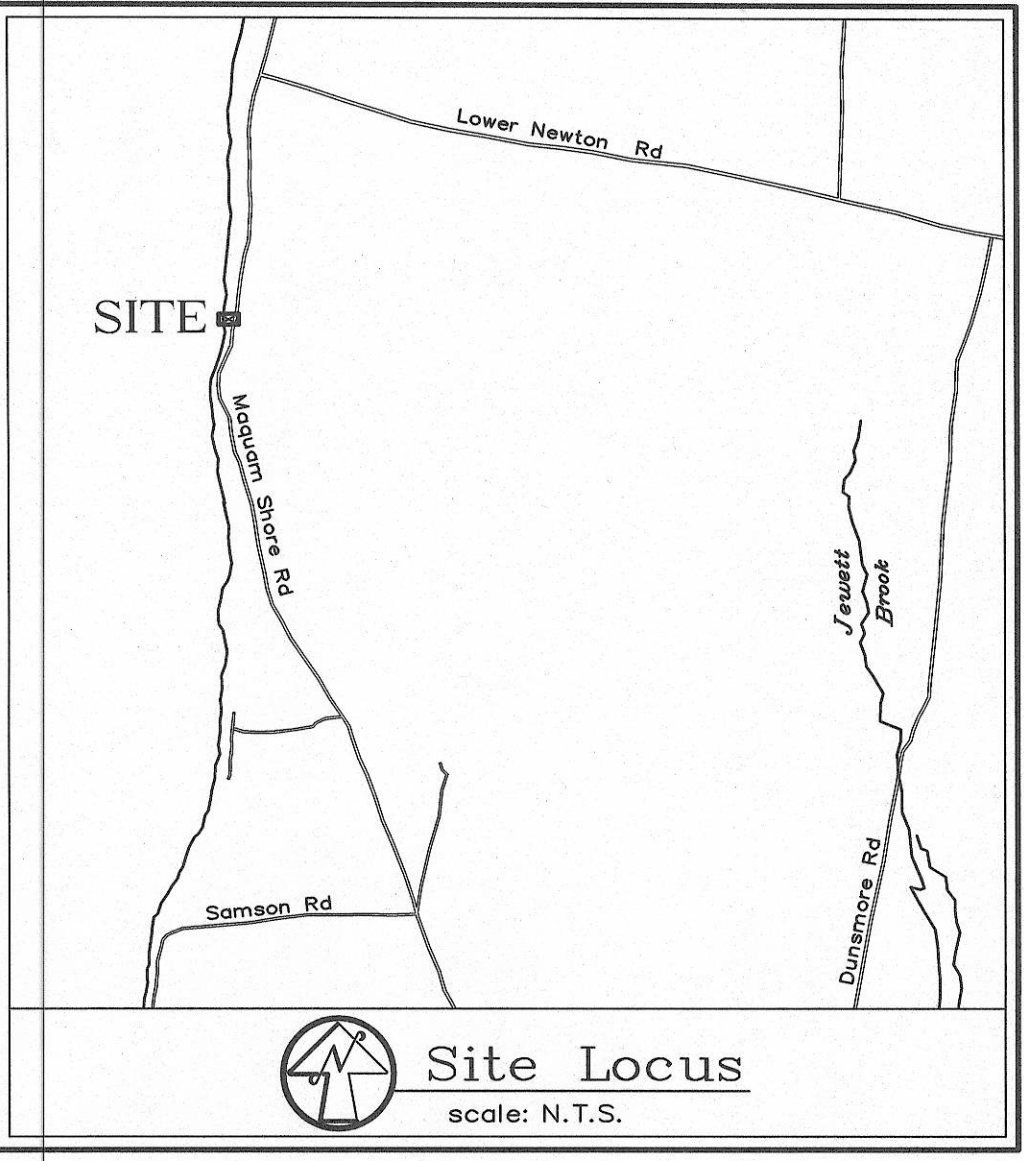
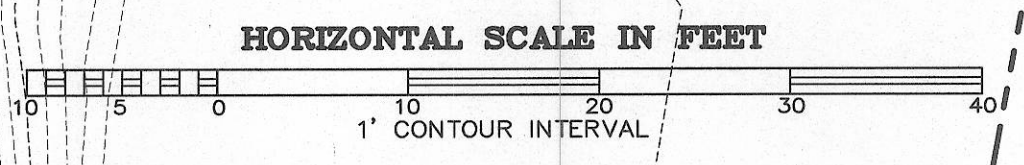
If enclosures are not as noted, kindly notify us at once



LAKE CHAMPLAIN



LEGEND	
WELL	⊗
UTILITY POLE	⊙
ELEVATION BENCHMARK	⊕
SOIL TEST PIT	⊠
PERCOLATION TEST	⊚
SOIL SAMPLE FOR TESTING	⊙
PROPERTY LINE	---
RIGHT-OF-WAY	---
CULVERT - STORMDRAIN	---
GRAVITY SANITARY SEWER	SS
WATER MAIN/SERVICE	W
UNDERGROUND UTILITY	UU
OVERHEAD UTILITY	OU
STREAM/DRAINAGE SWALE	---
EXISTING WATER LINE	---
PROPOSED GRAVITY SEWER	SS
PROPOSED PRESSURE SEWER	PS
EXISTING CONTOUR	450
PROPOSED CONTOUR	450



PROJECT: 16004
 DATE: 4/27/2016
 DESIGN: PM
 DRAWN: PM
 CHECKED: PHC
 APPROVED: PHC

Tel: 802-524-2113
 Fax: 802-524-9681

CROSS
 CONSULTING ENGINEERS, P.C.
 103 Fairfax Rd.
 St. Albans, Vermont 05478
 © Copyright 2016
 Cross Consulting Engineers, P.C.

Development Plan

Michael & Kathleen Gingras
 Loudonville, NY
 Shoreland Protection
 754 Maquam Shore
 St. Albans, VT

CIVIL
C-1
 SHEET C-1 OF 2

- GENERAL NOTES:**
- 1.) PURPOSE OF PLAN: PROVIDE A DESIGN FOR A SOIL BASED MOUND WASTEWATER DISPOSAL SYSTEM TO REPLACE THE EXISTING WASTEWATER SYSTEM.
 - 2.) PROPERTY LINE INFORMATION TAKEN FROM TAX MAP DATA.
- SITE NOTES:**
- 1.) EXISTING TREES TO BE REMOVED AS NECESSARY.
 - 2.) CONTRACTOR TO LOCATE AND PUMP EXISTING WASTEWATER LEACHING TANK AND ASSOCIATED LEACHING AREA. EXISTING TANK TO BE FILLED WITH SAND. EXISTING LEACHING AREA, IF PRESENT TO BE ABANDONED IN PLACE.
 - 3.) NO HEAVY EQUIPMENT OR VEHICLES SHALL BE OPERATED UPON AREA OF PROPOSED MOUND WASTEWATER DISPOSAL AREA, AND AREA 25 FT. DOWN-SLOPE OF THE PROPOSED MOUND WASTEWATER DISPOSAL AREA.
- REQUEST OF VARIANCE FROM TECHNICAL STANDARDS:**
- 1.) REQUEST TO REDUCE THE REQUIRED SEPARATION FROM A LEACHING FIELD TO A DRIVEWAY FROM THE REQUIRED 10 FEET TO THE PROPOSED 5.6 FEET AS SHOWN. SEE §1-913 (b)(7).
- THIS VARIANCE ALLOWS FOR PLACEMENT OF THE PROPOSED WASTEWATER DISPOSAL AREA TO BE ON THE MOST SUITABLE SOIL OF THE SITE.

Permitting

2947