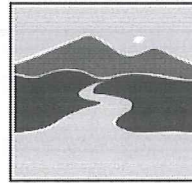


Shoreland Permit Applicationfor a **Shoreland Protection Permit** under
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number:

285

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: Thomas & Barbara Hungerford

2a. Physical Address (911 Address): ³²⁴~~322~~ Maquam Shore Road

2b. Town - County: Swanton - Franklin

2c. Zip: 05488 639-201-13492 -mbs 5/19/16

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) : ~~639-201-11811~~ 639-201-11811

4. Phone: (802) 309-0499

5. Email: thungerford9@gmail.com

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

7. Total shore frontage: 128.00 (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

11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): 39,418 (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: 488 (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: 37,020 (square feet)

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

B. Applicant Contact Information

1. Name: Thomas & Barbara Hungerford

2a. Mailing Address: 322 Maquam Shore Road

2b. Municipality: Swanton

2c. State: VT

2d. Zip: 05488

3. Phone: (802) 309-0499

4. Email: thungerford9@gmail.com

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

1. Name: Peter Mazurak of Cross Consulting Engineers, PC

2a. Mailing Address: 103 Fairfax Road

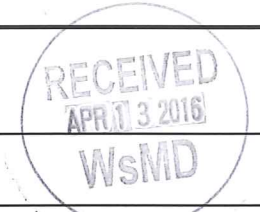
2b. Municipality: St. Albans

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.

The project entails creation of 3,850 square feet of impervious surface including: - mbs 4/28/16
 The project entails construction of a new house with attached garage and parking area on the lot and removal of the existing camp. 488 square feet
 1,865 square feet 1,985 square feet

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 74 (feet), and How far will new cleared area or impervious surface be from MWL 137 (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):

4a. What is the slope of the project site area: 8.60 %
 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: 3,850.00 (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: ~~3,850.00~~ (square feet)
 For D5b, add A12 to D5a
 4,338 square feet - mbs 4/28/16

5c. Is the total in 5b. 20% or less of the parcel area within the PSA? Yes If yes, skip 5d. No
 If 5a is 0, check the n/a box, otherwise divide 5b by A11 and multiply by 100 for percentage. Total percentage = 11% - mbs 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):

Since the total resulting impervious surface is less than 20%, best management practices are not required by the Shoreland Protection Act. Regardless, the landowners will remove a 488 square foot existing camp currently in the first 100' Lake Zone, and revegetate this area with grass and manage it as a cleared area. - mbs 4/28/16

6a. What is the surface area of new cleared area associated with this project: 0.00 (square feet)

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

6b. What is the total resulting cleared area after completion of the project and prior to implementation of best management practices: 37,020.00 (square feet)

For 6b, add A13 to D6a.

6c. Is the total in 6b. 40% or less of the parcel area within the PSA? Yes If yes, skip 6d. No
If 6a is 0, check the n/a box, otherwise divide 6b by A11 and multiply by 100 for percentage. Total percentage = 93.9% ^{ombs} N/A
4/28/16

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).

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: Thomas Dungey for [Signature]

Date: 4-7-16

4-7-16

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: [Signature]

Date: 4-11-16

G. Additional Required Documentation (Please check to ensure you have completed the following)

- All sections of the application are complete (or otherwise indicate "not applicable")
- Application includes site plans denoting existing and proposed cleared area and impervious surface and distances from mean water level
- Application description includes dimensions and surface areas of cleared areas and impervious surfaces
- Application includes photos of project area

H. Permit Application Fees

Administrative Fee: \$125.00		\$ 125.00
Impervious Area Fee: \$0.50 per square foot	Enter new impervious area as entered in item (5a.) <u>3,850.00</u> x .5	\$ 1,925.00
Total:		\$ 2,050.00

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

CROSS CONSULTING ENGINEERS, P.C.

103 Fairfax Road
St. Albans, Vermont 05478-6271

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

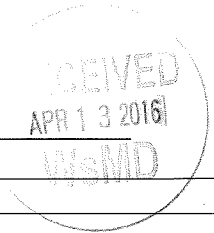
TO: VT DEC – Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522

LETTER OF TRANSMITTAL

DATE: April 11, 2016	JOB NO: 04015.1
ATTENTION:	
RE: Thomas & Barbara Hungerford	
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	4/5/16	491	Check to State of VT for \$2050.00 from Mark & Kristin Hungerford
1	4/11/16		Shoreland Permit Application
1			Photos
1	3/31/16	S-1	Site 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 Swanton for Posting via e-mail

SIGNED: Jane B. Landry
For: CROSS CONSULTING ENGINEERS

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



VIEW OF CAMP FROM LAKE FACING EAST





VIEW OF EXISTING HOME FACING EAST



VIEW OF EXISTING HOME FACING EAST





VIEW FROM LAKE FACING EAST



VIEW FROM LAKE FACING EAST



VIEW OF HOME #322 FACING NORTHEAST





VIEW OF SHORELINE





VIEW OF PROPOSED HOUSE SITE AND EXISTING CAMP FACING NORTHWEST





VIEW OF PROPOSED HOUSE SITE FACING NORTHWEST

GENERAL NOTES:

- PURPOSE OF PLAN: TO CONSTRUCT A NEW DWELLING ON LOT 1.
- THIS PLAN IS NOT THE RESULT OF A PROPERTY LINE SURVEY. SEE MAPS ENTITLED:
 - "ELSA S. TOBIN ESTATE, POTPIE HILL SUBDIVISION", DATED OCTOBER 1962, PREPARED BY JOHN E. BUCK.
 - "SUBDIVISION OF MAP FOR SHAPIRO PROPERTIES LLC", DATED FEBRUARY 1, 1993, PREPARED BY BROOKS LAND SURVEYING.
- CONTRACTOR TO NOTIFY DIGSAFE PRIOR TO CONSTRUCTION TO VERIFY UTILITY LOCATIONS.
- SEE "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT" # WW-6-0969-1.

SITE NOTES

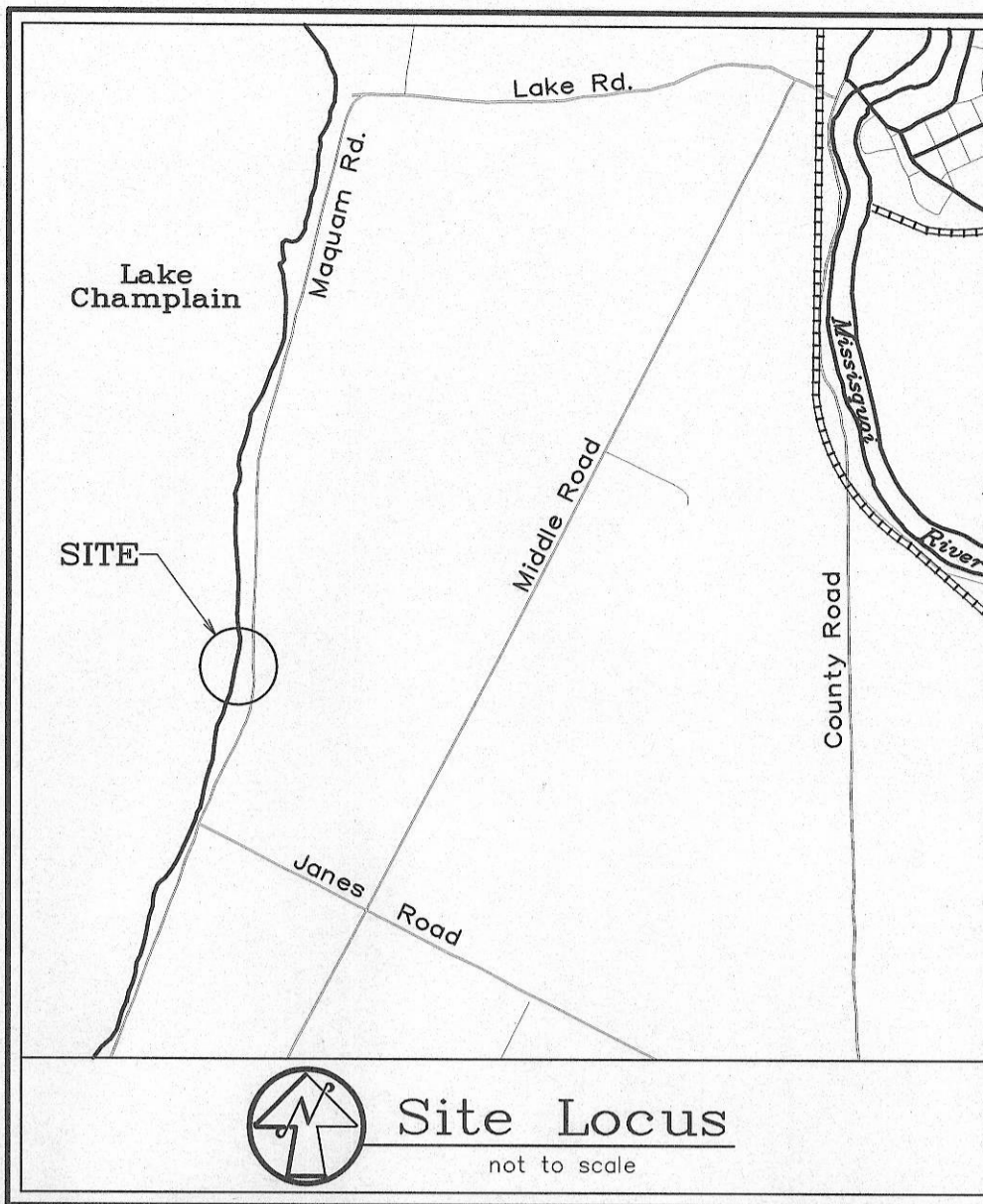
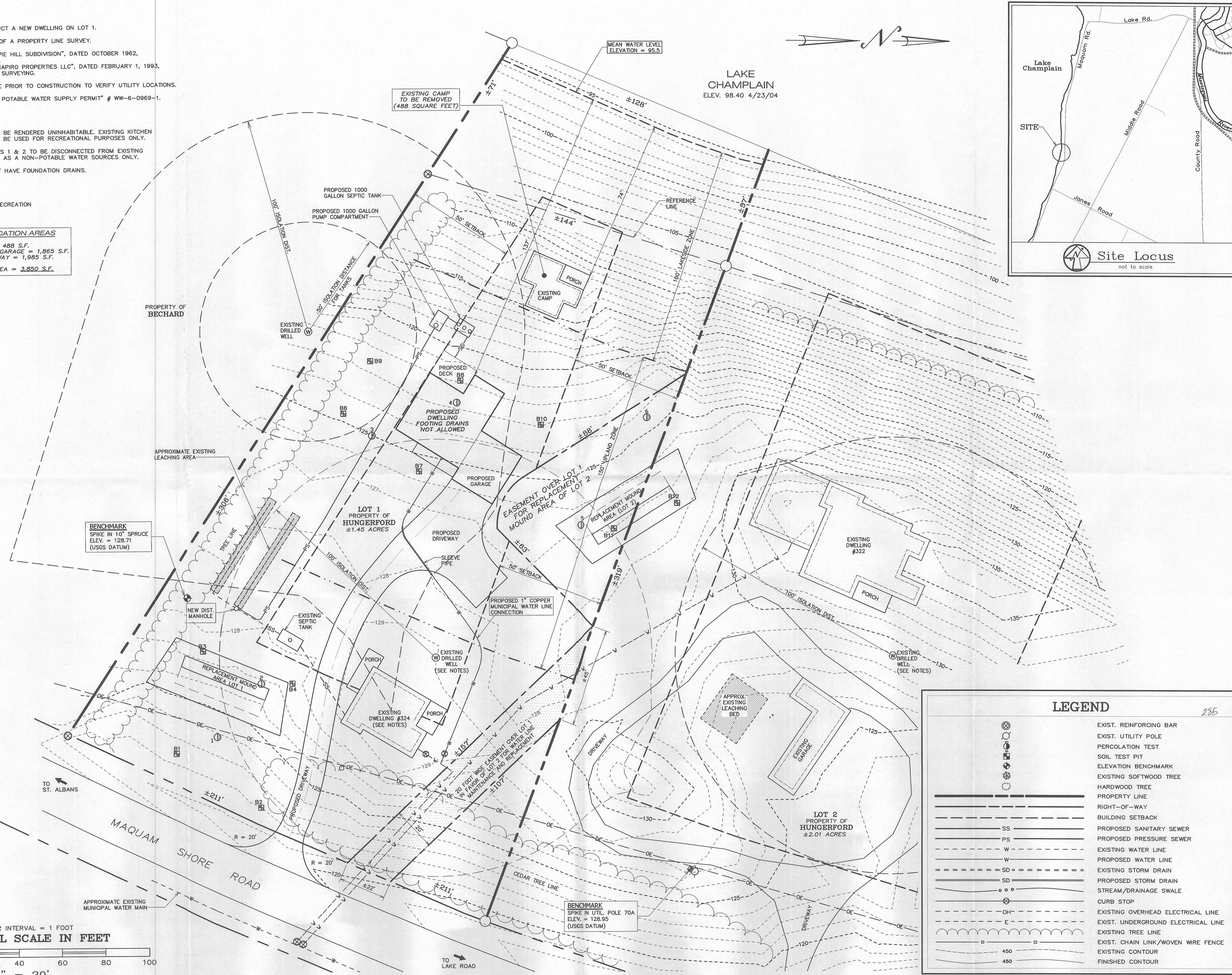
- EXISTING DWELLING OF LOT 1 TO BE RENDERED UNINHABITABLE. EXISTING KITCHEN TO BE REMOVED. STRUCTURE TO BE USED FOR RECREATIONAL PURPOSES ONLY.
- EXISTING DRILLED WELLS OF LOTS 1 & 2 TO BE DISCONNECTED FROM EXISTING DWELLINGS. WELLS TO BE USED AS A NON-POTABLE WATER SOURCES ONLY.
- PROPOSED DWELLING SHALL NOT HAVE FOUNDATION DRAINS.

ZONING NOTES

- ZONING DISTRICT: SHORELAND RECREATION

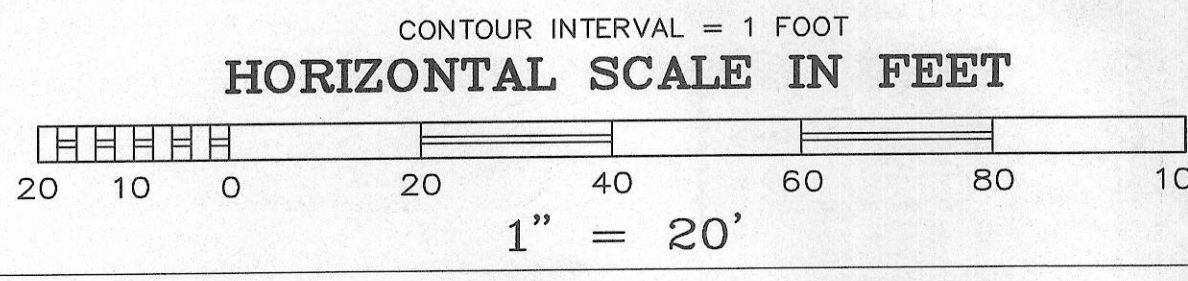
SHORELAND PERMIT APPLICATION AREAS

EXISTING CAMP TO BE REMOVED: 488 S.F.
 PROPOSED DWELLING, PORCH, & GARAGE = 1,865 S.F.
 PROPOSED DRIVEWAY AND WALKWAY = 1,985 S.F.
TOTAL PROPOSED IMPERVIOUS AREA = 3,850 S.F.



LEGEND

	EXIST. REINFORCING BAR
	EXIST. UTILITY POLE
	PERCOLATION TEST
	SOIL TEST PIT
	ELEVATION BENCHMARK
	EXISTING SOFTWOOD TREE
	HARDWOOD TREE
	PROPERTY LINE
	RIGHT-OF-WAY
	BUILDING SETBACK
	PROPOSED SANITARY SEWER
	PROPOSED PRESSURE SEWER
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING STORM DRAIN
	PROPOSED STORM DRAIN
	STREAM/DRAINAGE SWALE
	CURB STOP
	EXISTING OVERHEAD ELECTRICAL LINE
	EXIST. UNDERGROUND ELECTRICAL LINE
	EXISTING TREE LINE
	EXIST. CHAIN LINK/WOVEN WIRE FENCE
	EXISTING CONTOUR
	FINISHED CONTOUR



PROJECT: 04015.1
 DATE: 2016-03-31
 DESIGN: PM
 DRAWN: PM
 CHECKED: PHC
 APPROVED: PHC
 S: Albans, Vermont 05478
 CROSS CONSULTING ENGINEERS, P.C.
 103 Fairfax Rd.
 St. Albans, Vermont 05478
 SCALE: 1" = 20'
 FIELD BOOK:

Tom Hungerford
 SWANTON, VERMONT
New Dwelling Lot 1
 MAQUAM SHORE RD SWANTON, VERMONT

SITE
 S-1

SHEET 1 OF 1
 PLOTTED: 4/04/16