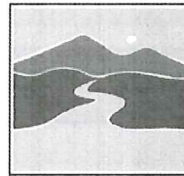


**Shoreland Permit Application**for a **Shoreland Protection Permit** under  
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number:

**272**VERMONT DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION**WATERSHED  
MANAGEMENT DIVISION**

LAKES &amp; 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: **Mark & Judy Willis, Justin & Barbara Willis**2a. Physical Address (911 Address): **78 Dimick Road**2b. Town - County: **Hinesburg - Chittenden**2c. Zip: **05461**3. SPAN\*: **294-093-10531**4. Phone: **(802) 858-9228**5. Email: **jtwillisvt@gmail.com**6. Name of lake/pond: **Iroquois Lake - Hinesburg**7. Total shore frontage: **456.00** (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 [www.anr.state.vt.us/dec/waterq/wetlands.htm](http://www.anr.state.vt.us/dec/waterq/wetlands.htm)10. Is there a lake encroachment permit associated with this parcel?  Yes  No Permit #: \_\_\_\_\_Contact Lake Encroachment Permitting: [www.anr.state.vt.us/dec/waterq/permits/html/pm\\_encroachment.htm](http://www.anr.state.vt.us/dec/waterq/permits/html/pm_encroachment.htm)11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): **133,160** (square feet)

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

12. What is the surface area of existing impervious surface on your parcel within the PSA: **10,850** (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: **41,800** (square feet)

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

**B. Applicant Contact Information**1. Name: **Justin Willis**2a. Mailing Address: **P.O. Box 1001**2b. Municipality: **Jericho**2c. State: **VT**2d. Zip: **05465-1001**3. Phone: **(802) 858-9228**4. Email: **jtwillisvt@gmail.com****C. Application Preparer Information** (if the individual preparing the application is not the landowner)

1. Name:

2a. Mailing Address:

2b. Municipality:

2c. State:

2d. Zip:

3. Phone:

4. Email:

\*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. SPAN is a unique identification number for each parcel of property in the State of Vermont consisting of eleven digits. The first three digits identify the town; the next three digits identify the school district; and the last five digits represent the unique parcel or property.

**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.

Proposed deck and addition to existing seasonal residence. Installation of replacement wastewater system.

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 109 (feet), and how far will new cleared area or impervious surface be from MWL 101 (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: 2.00 %

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: 588.00 (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:

11,438.00 (square feet) and is that 20% or less of the parcel area within the PSA?  Yes  No

If yes, skip 5c.

5c. If no above (5b), 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).

<p>6a. What is the surface area of new cleared area associated with this project: <u>2,200.00</u> (square feet)                  See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing</p>	<p>6b. What is the total resulting cleared area* after completion of the project and prior to implementation of best management practices: <u>44,000.00</u> (square feet) and is that 40% or less of the parcel area within the PSA? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, skip 6c. *Total cleared area includes impervious surface area.</p>
<p>6c. If no above (6b), 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).</p>	

**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: *[Signature]* Date: 3/22/2016

**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: 3/22/2016

**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>588.00</u> x .5	\$ 294.00
<b>Total:</b>		<b>\$ 419.00</b>

**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](mailto:ANR.WSMDShoreland@vermont.gov)

For additional information visit:  
[www.watershedmanagement.vt.gov](http://www.watershedmanagement.vt.gov)



**Perspective 1: View of camp looking up from Dimick Road (facing East)**



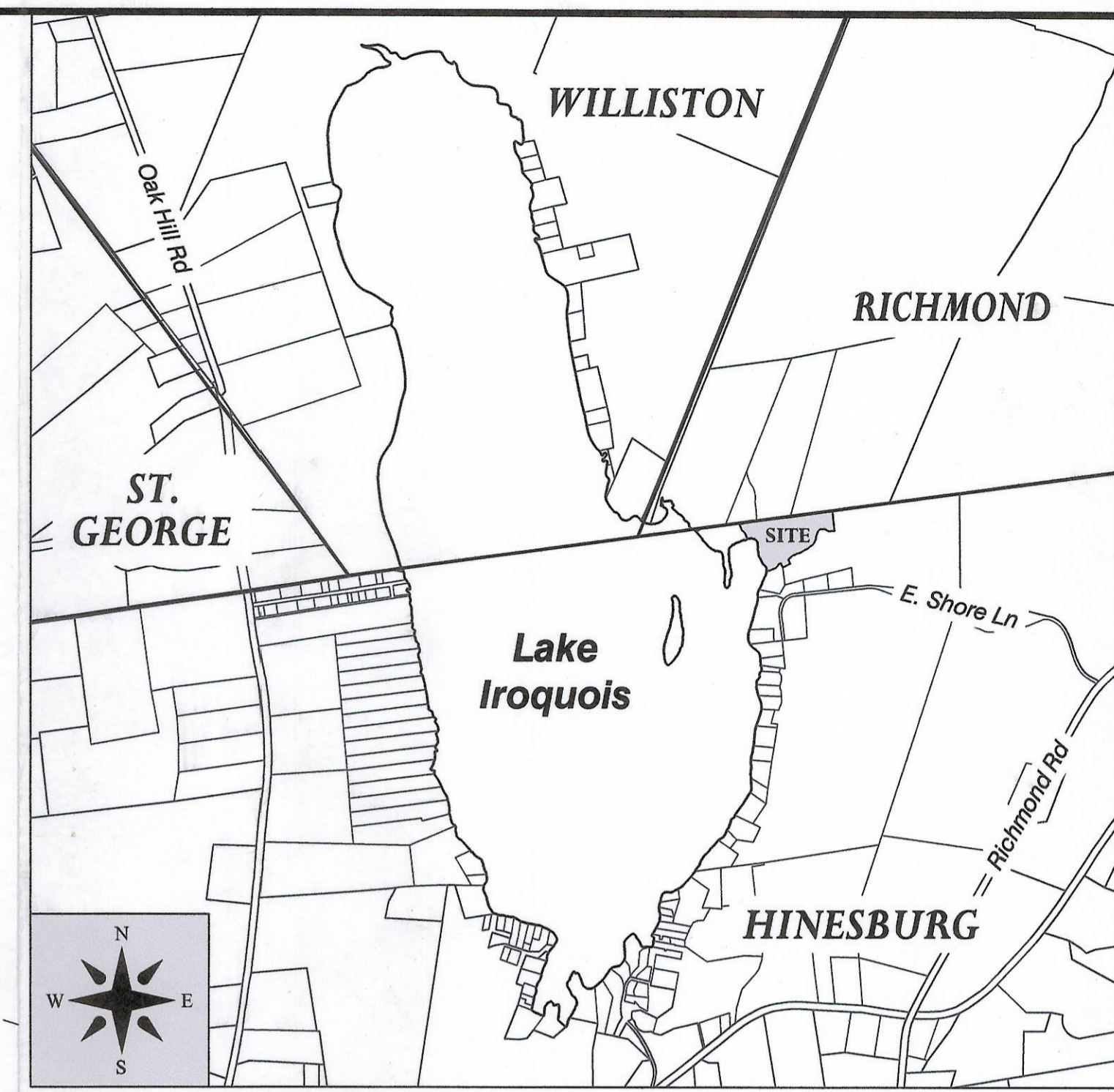
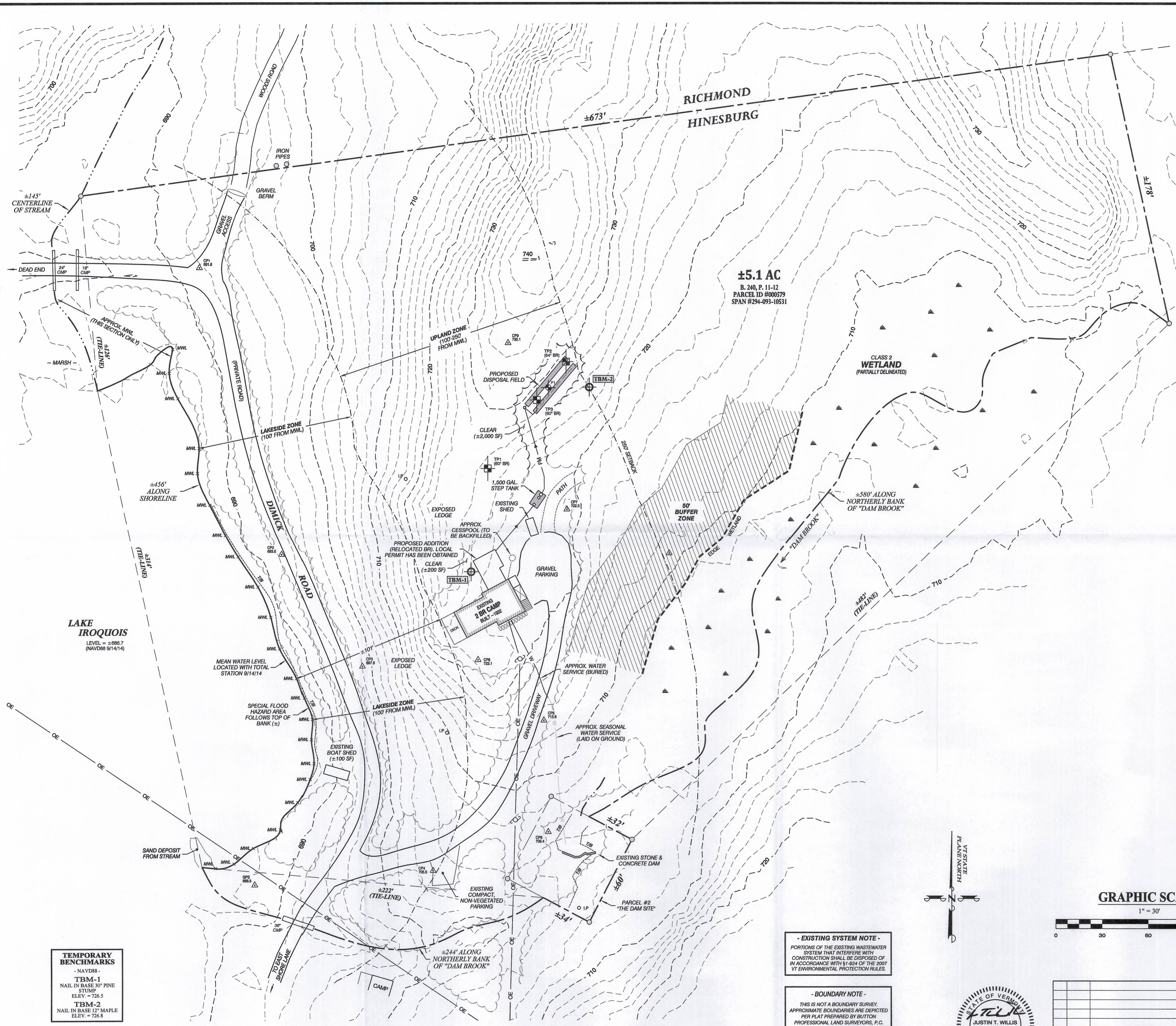
**Perspective 2: View of camp from driveway (facing West)**



**Perspective 3: View of camp (facing North)**



**Perspective 4: View of camp (facing South)**



**LOCATION MAP**  
NTS

**TEMPORARY BENCHMARKS**  
- NAVD83 -  
TBM-1  
NAIL IN BASE 30" PINE  
STUMP  
ELEV. = 726.5  
TBM-2  
NAIL IN BASE 12" MAPLE  
ELEV. = 726.8

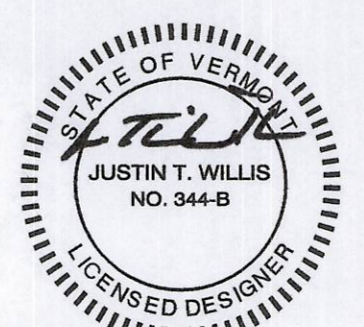
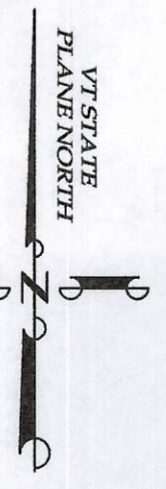
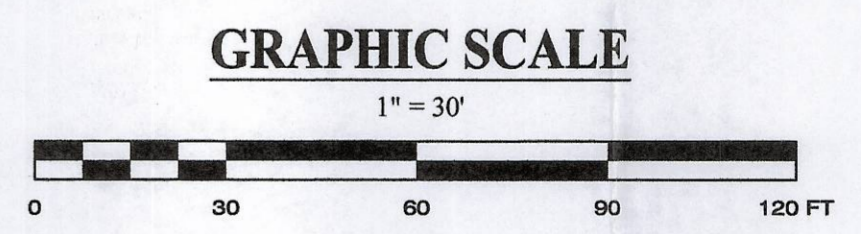
**- EXISTING SYSTEM NOTE -**  
PORTIONS OF THE EXISTING WASTEWATER SYSTEM THAT INTERFERE WITH CONSTRUCTION SHALL BE DISPOSED OF IN ACCORDANCE WITH §1-604 OF THE 2007 VT ENVIRONMENTAL PROTECTION RULES.

**- BOUNDARY NOTE -**  
THIS IS NOT A BOUNDARY SURVEY. APPROXIMATE BOUNDARIES ARE DEPICTED PER PLAN PREPARED BY BUTTON PROFESSIONAL LAND SURVEYORS, P.C.

**WETLAND NOTES**

1. THE CLASS 2 WETLAND WAS CONSERVATIVELY DELINEATED ON 5/11/15 BY JULIE FOLEY & TINA HEATH, DISTRICT WETLAND ECOLOGISTS. A MORE PRECISE BUFFER ZONE MAY BE ESTABLISHED BY COMPLETING A PROFESSIONAL WETLAND DELINEATION.
2. CLASS 2 WETLANDS ARE SUBJECT TO THE VERMONT WETLAND RULES. WORK WITHIN THE WETLANDS AND ASSOCIATED 50 FT. BUFFER ZONE IS SUBJECT TO STATE JURISDICTION.
3. ALL WETLANDS (CLASS 2 AND CLASS 3) ARE PROTECTED BY THE U.S. ARMY CORPS OF ENGINEERS. WORK WITHIN THE WETLANDS IS SUBJECT TO THEIR JURISDICTION.

LEGEND	
	TEST PIT (DEPTH TO BEDROCK)
	PERCOLATION TEST
	CONTROL POINT (IF SPE IN GROUND)
	BOUNDARY CORNER (OR CALCULATED POINT)
	TOP OF BANK
	MEAN WATER LEVEL (SURVEYED POINT)
	UTILITY POLE
	WETLAND
	EXISTING CONTOURS
	APPROX. BOUNDARY
	EASEMENT
	TREE LINE
	STONE WALL
	STREAM
	FORCE MAIN
	WATER LINE
	UG UTILITIES
	OH UTILITIES



**WILLIS DESIGN ASSOC., INC.**  
P.O. BOX 1001, JERICHO, VERMONT 05465 (802) 858-9228

**SITE PLAN WASTEWATER SYSTEM DESIGN**  
MARK & JUDY WILLIS  
JUSTIN & BARBARA WILLIS  
78 DIMICK ROAD  
HINESBURG - VERMONT

DRAWN: JTW	SCALE: NOTED
DESIGN: JTW	
DATE: 1/28/16	SHEET: S1
PROJECT: 14-055	
DRAWING: 14055-1	

**SURVEY NOTES**

1. This Boundary Retracement Plat has been compiled from field surveys and records evidence including the following plat and records:

A. "Watcom & Katha Fletcher, Hinesburg, Vermont", Norman R. Smith, Inc., Resource Monitors, dated 6-30-81, and recorded in the Town of Hinesburg Land Records on New Side #76.

B. Town Line Survey Plat, Hinesburg-Richmond, Hinesburg Northeast Line, prepared by Plakshin Engineering Associates, Inc., dated 5-1-1992, last revised 12-11-1998, and recorded in the Town of Hinesburg Land Records on Side #28.

C. North orientation is based on survey grade static GPS observations made on September 28, 2014 & February 20, 2015 utilizing a Trimble R-8 receiver. The resultant horizontal datum is NAVD 83 (2011). The vertical datum is based on NAVD 88 using the Between Factory & Key Zoids.

D. The measurements and information produced by this survey and shown hereon may contrast from recorded survey information due to differences in orientation, declination or methods of measurement.

E. Survey methods employed meet or exceed the minimum precision requirements for suburban surveys as outlined in "Standards for the Practice of Land Surveying" adopted by the Vermont Board of Land Surveyors effective 1/7/2013. A random traverse control loop was established using a Trimble 55 Robotic Total Station in conjunction with a Trimble R8 Dual Frequency GPS Receiver.

F. The premises shown and described hereon may be subject to existing buried utilities, easements, rights-of-way, restrictions, covenants, permits, regulations, and/or setbacks.

G. The description of record or evidence of easements and structures, which are readily apparent lines which may not be recorded in the public records, clear evidence of an easement or restriction of record or evidence of easements and structures, which are readily apparent from a casual oblique view, or detached written records have been reviewed, examined and utilized for the purpose of this survey. No liability is assumed by the undersigned for any loss associated with the existence of any undiscovered easements or restrictions on the use of the property, which are not shown or are not readily apparent.

H. The dimensions of existing monumentation shown on this plan reflect outside dimensions.

I. Iron pin boundary markers shown hereon as "SET" or "to be SET" or "5/8" diameter rebar" or "40" long, crowned with a plastic surveyor's cap by a Vermont licensed land surveyor at the discretion of the property owner / developer.

J. The descriptions of these lands and the physical evidence located and existing on the ground were compared and analyzed to provide a final boundary opinion most indicative of the original intent of the conveyance and in harmony with existing physical evidence. Where conflicts between physical and written evidence and/or records are substantial, deeds and/or documents should be examined to determine the true intent or conflict. No bounds shown herein are determined via the legal theory of adverse possession. This is a determination to be made by a court entrusted with authority to do so. Evidence, which would be determinative in such a proceeding, is shown hereon in color.

K. These surveys may be subject to any unadmitted claims or rights. Assumptions for correctness and accuracy are indicated on this plat of survey.

L. This survey is certified to Justin & Barbara Willis and Mark & Judy Willis for the purpose of retracing the subject parcel boundary as shown hereon. No liability is assumed by the undersigned for any loss that may be associated with the use of this survey other than the above stated purpose.

M. This survey was prepared without benefit of an attorney's opinion on title. No liability is assumed by the undersigned for any matter that might be discovered by this search of the property.

N. Reproductions of this sketch are not valid unless sealed with a red-inked Licensed Surveyor's seal.

O. Accepted of this survey plat or use of the corner monuments found or set during the performance of the field survey hereby limit the professional liability related to professional negligent acts, errors, omissions or breach of contract to an amount not to exceed the fee charged.

P. All archival information of the surveyor's survey maps, records, files, and data used or assigned, containing and not in the plan, shall remain the property of the surveyor or his successors or assigns.

Q. The date of preparation of a survey shall remain on the original paper or its successors or assigns.

R. This plat shall not be altered or added to by any person(s) in any way without authorization by Buttou Professional Land Surveyors, PC. Unauthorized alterations and/or modifications to this plan shall invalidate any and all certifications made hereon by Buttou Professional Land Surveyors, PC and shall cause this plan, in it's entirety, to be null and void.

S. This is an Original MYLAR.

**PLAT OF BOUNDARY RETRACEMENT**  
**JUSTIN & BARBARA WILLIS & MARK & JUDY WILLIS**  
 SHOWING LANDS OF

DATE OF PLAT 1/14/2016  
 JOB# WILL0042  
 FILE  
 DWG  
 PLAN SHEET # 1 of 1

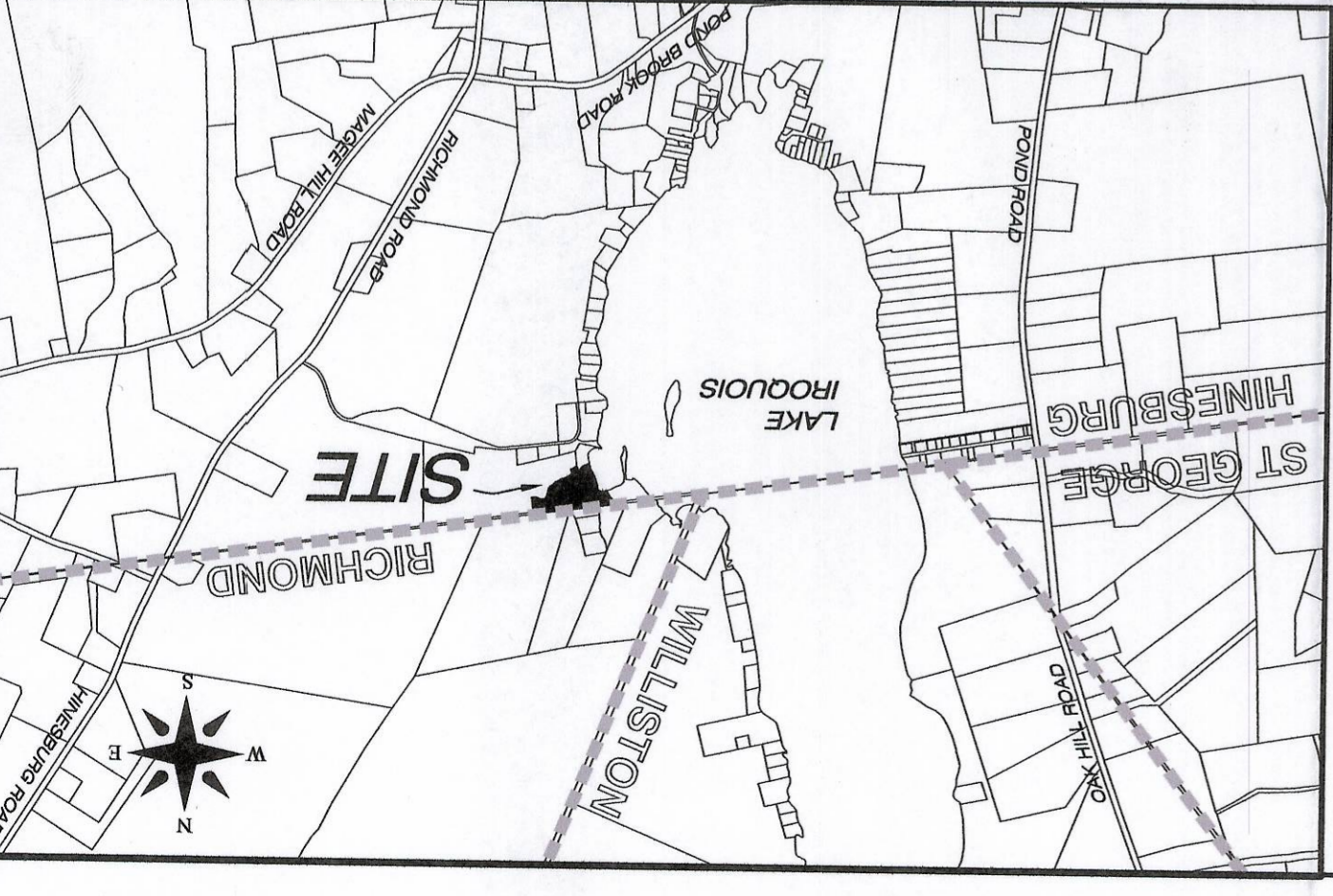
DATE OF SURVEY Feb-May 2015  
 SURVEYS CH, GK, HD, MS  
 DRAWN GK  
 CHECKED closure GK  
 SCALE 1"=60'  
 1-60'

REVISION

Buttou Professional Land Surveyors, PC  
 20 Kendal Ave., Lake Street  
 South Burlington, VT 05478  
 802-863-1812  
 1-800-570-0888  
 www.butts.com

78 DIMICK ROAD  
 LAKE IROQUOIS  
 HINESBURG, VERMONT

**OVERALL PLAN**



**LEGEND**

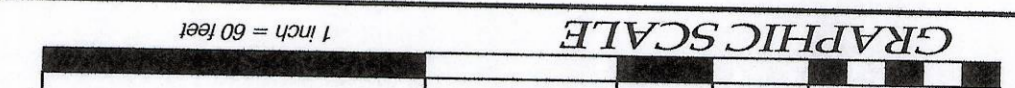
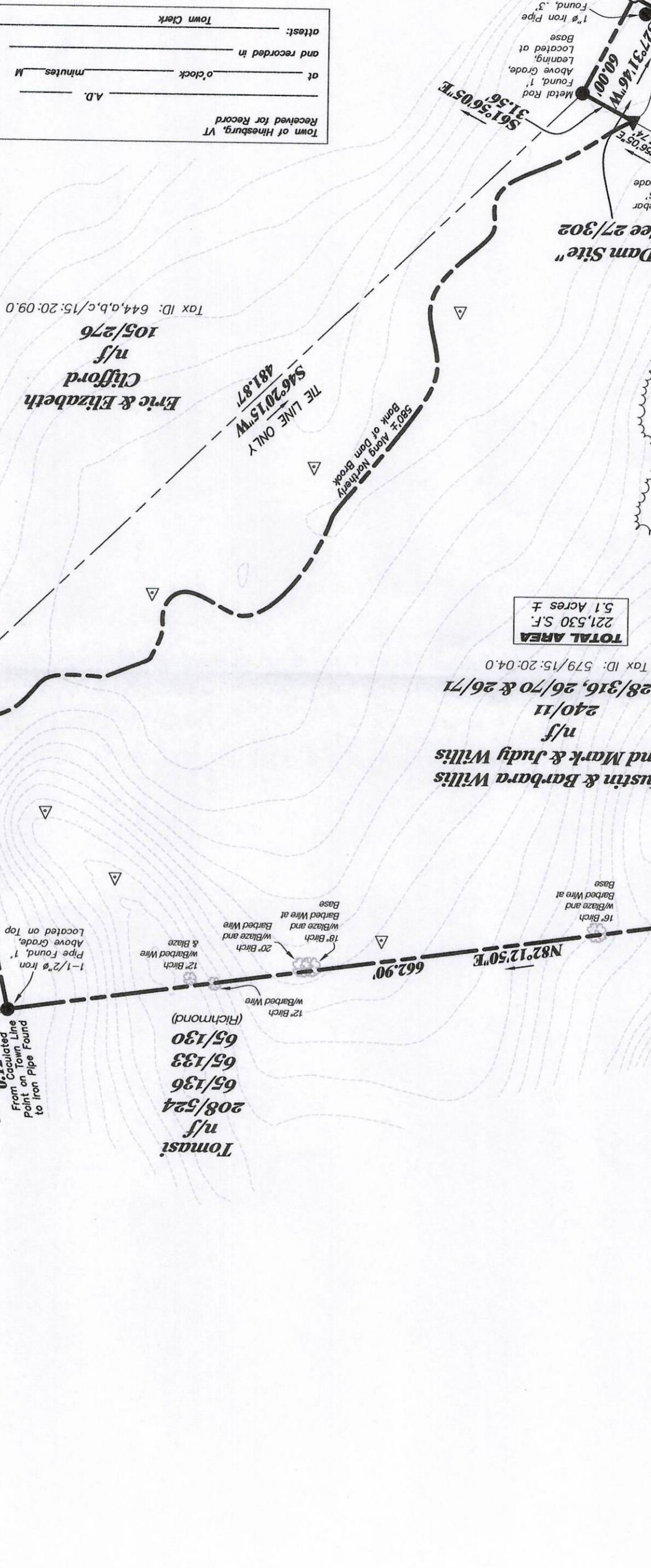
	Subject Tract Property Line
	Apparent Property Line
	Existing Grade Contours (VCA)
	Watercourse
	Iron Pipe/Rebar Found
	Rebar SET or to be SET
	Utility Pole W/Overhead Wires
	Calculated Point
	Survey Control Points
	Outside Diameter
	Now or Formerly
	Land Records Volume / Page

Tom of Hinesburg, VT  
 Received for Record

at \_\_\_\_\_ o'clock \_\_\_\_\_ minutes \_\_\_\_\_ A.D.  
 and recorded in \_\_\_\_\_

attest: \_\_\_\_\_  
 Town Clerk

Christopher A. Haggerty, VT LS#741  
 Dated 2/15/2016



Information shown on this property plat is a faithful portrayal of circumstances pertinent to the subject property. A collaboration of field, photogrammetric, and other data was used in the analysis of boundary conditions shown hereon. This property plat complies with the requirements of Vermont Statute Title 27, Section 1403 (A) through (E), to the best of my knowledge and belief.