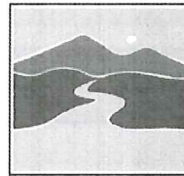


Shoreland Permit Applicationfor a **Shoreland Protection Permit** under
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number:

272VERMONT 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: **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.htm10. 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.htm11. 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 & 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 Information1. 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.

(deck area 137 SF + addition/porch/steps 108 SF + addition 357 SF = 602 SF) - mbs

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

602 square feet – mbs

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. 11,452 square feet – mbs

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 200 square feet -mbs</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. <u>42,000 square feet -mbs</u></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		
<i>Administrative Fee: \$125.00</i>		\$ 125.00
<i>Impervious Area Fee: \$0.50 per square foot</i>	Enter new impervious area <u>602 SF</u> as entered in item (5a.) <u>588.00</u> x .5	\$ 294.00 \$301 -mbs
Total:		\$ 419.00 \$426 -mbs

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



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



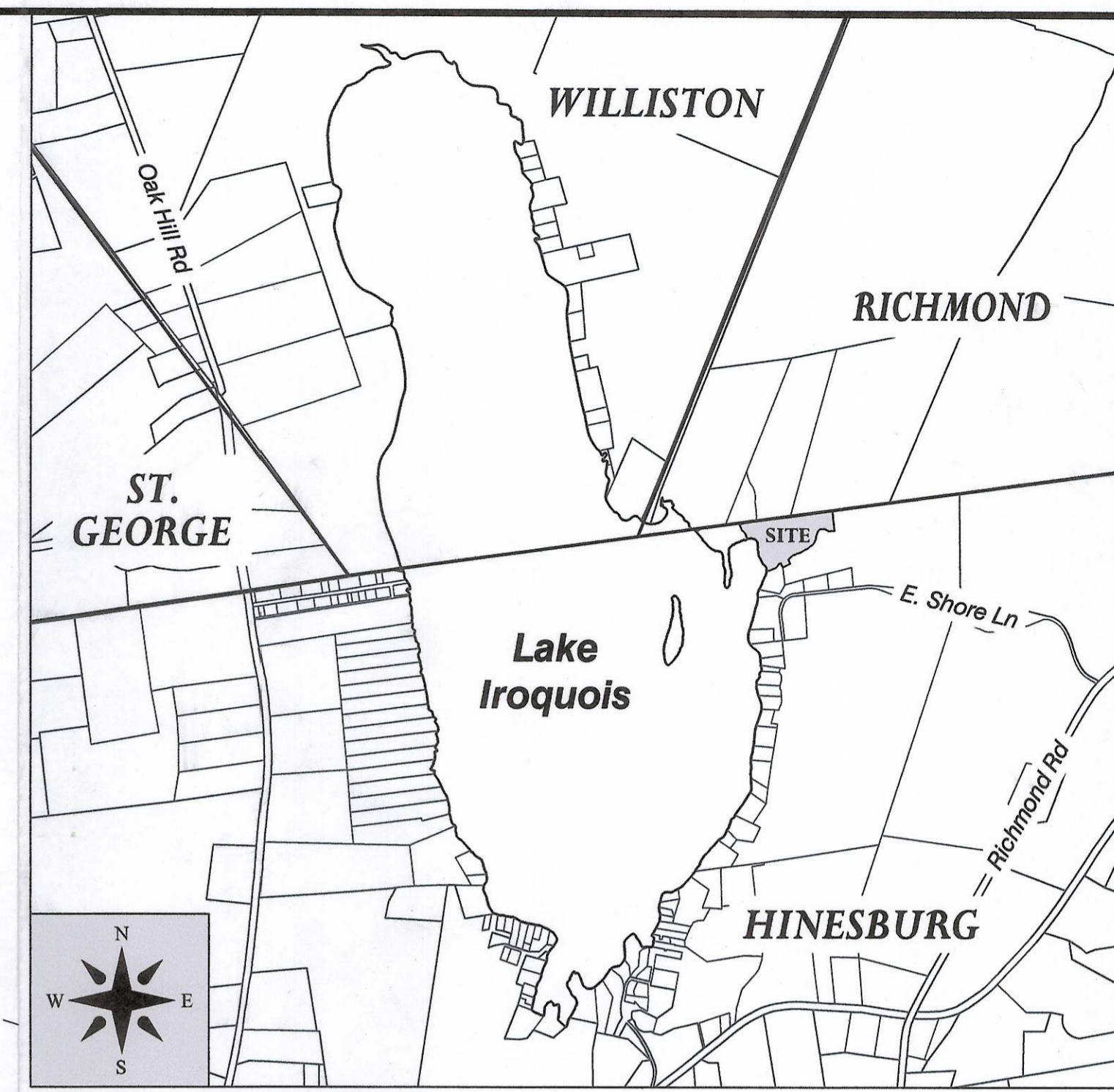
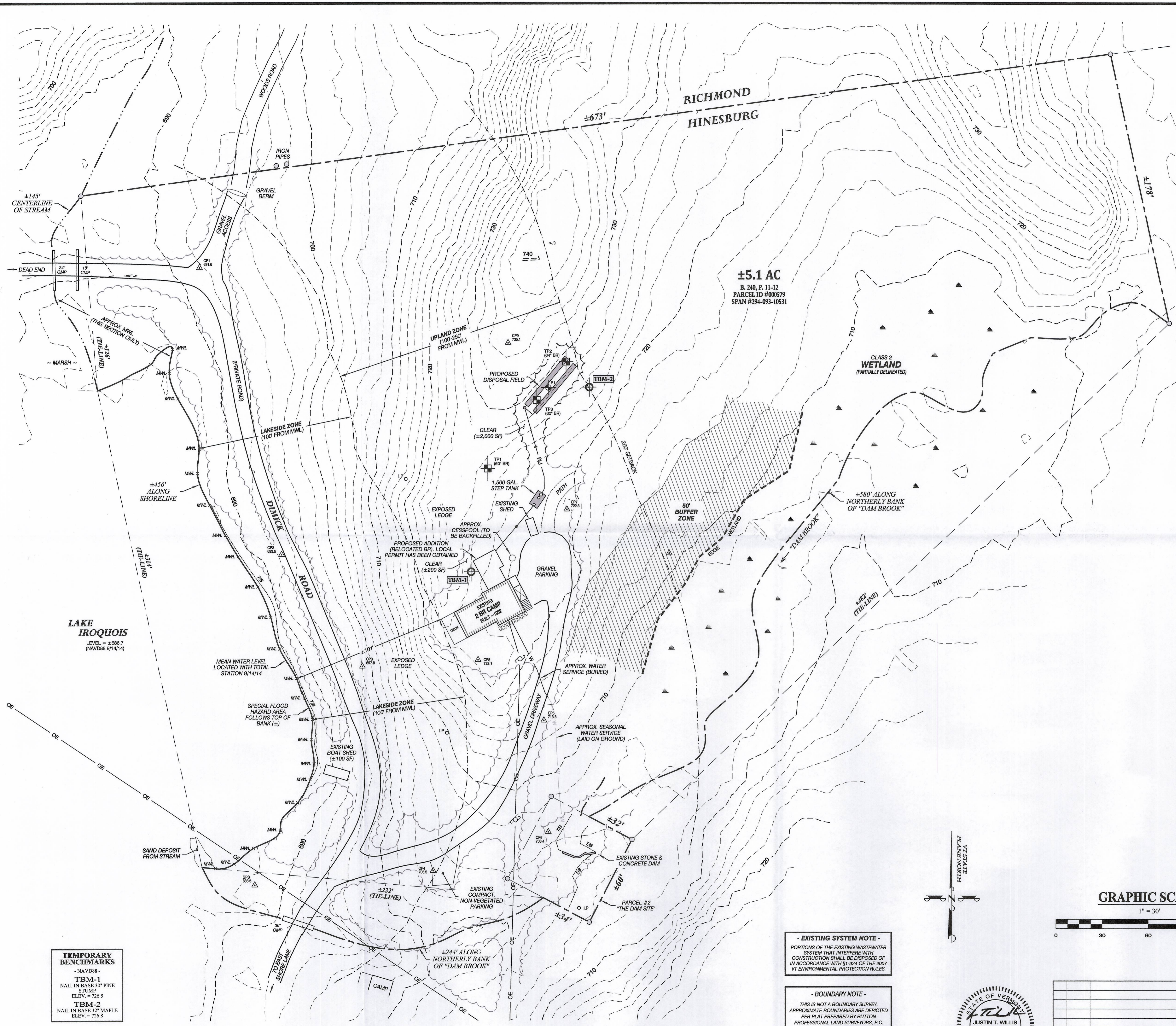
Perspective 2: View of camp from driveway (facing West)



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

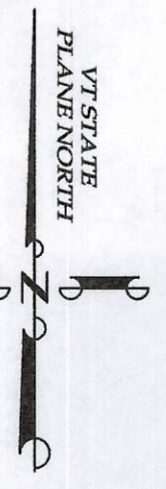
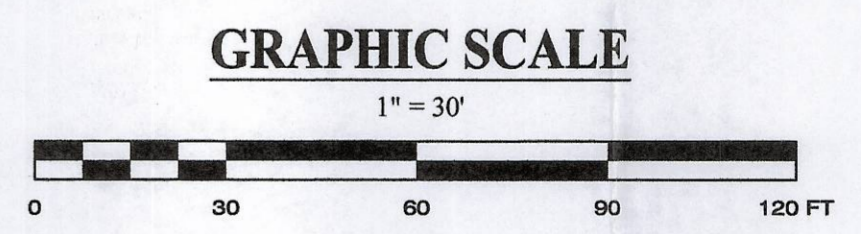
- EXISTING SYSTEM NOTE -
PORTIONS OF THE EXISTING WASTEWATER SYSTEM THAT INTERFERE WITH CONSTRUCTION SHALL BE DISPOSED OF IN ACCORDANCE WITH §1-604 OF THE 2007 VT ENVIRONMENTAL PROTECTION RULES.

- 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 SPEAK 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
	U/G UTILITIES
	O/H UTILITIES



NO.	DATE	REVISION	BY

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	SHEET: S1
DATE: 1/28/16	PROJECT: 14-055
DRAWING: 14055-1	

