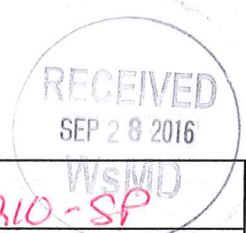


VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
 LAKES & PONDS PROGRAM

Shoreland Permit Application
 for a Shoreland Protection Permit under
 Chapter 49A of Title 10, § 1441 et seq.



For Shoreland Permitting Use Only
 Application Number: **2210-SP**

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

Landowner's Name: **Little Red Hero House Company, LLC**

2a. Physical Address (911 Address): **547 West Shore Road**

2b. Town - County: **South Hero - Grand Isle**



2c. Zip: **05486**

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) : **6031891174**

4. Phone: **203 887 2338**

5. Email: **douglas.rae@yale.edu**

6. Name of Lake/Pond: **Champlain Lake (Main Lake) - South Hero** 7. Total Shore Frontage **100** (Feet)



8. Was the parcel of land created before July 1, 2014? Yes No

9. Are there wetlands associated with this parcel? Yes No

Contact the Wetlands Program (802) 828-1535 or <http://dec.vermont.gov/watershed/wetlands>

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): **25,000** (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: **5,500** (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 are on your parcel within the PSA: **20,000** (square feet)

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

B. Applicant Contact Information

1. Name: **Douglas Rae**

2a. Mailing Address: **60 Lincoln Street**

2b. Town: **New Haven**

2c. State: **CT**

2d. Zip: **06511**

3. Phone: **203 887 2338**

4. Email: **douglas.rae@yale.edu**

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

1. Name: **Jeff Sikora**

2a. Mailing Address: **PO Box 250**

2b. Town: **South Hero**

2c. State: **VT**

2d. Zip: **05486**

3. Phone: **802 372 4737**

4. Email: **Jeff@appleisland.com**

2210-SP

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.

There is an existing home mostly within the 100 ft Shoreland Protection Zone. We plan on demolishing a portion of an existing home and rebuilding in the same footprint. We also plan on an addition of 568 sq ft added to the existing home behind the 100 ft shoreland setback but within the 250 ft setback. We have to trim some limbs that hang dangerously over the existing home.

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 80 (feet), and how far will new cleared area or impervious surface be from MWL 102 (feet)?

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL NA (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 %

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: 568.00 (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: 6068 (Square Feet)

For D5b, add A12 to D5a

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 D5b by A11 and multiply by 100 for percentage. Total percentage = 0.24 % 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 surface that exceeds 20% (attach support information as needed):

6a. What is the surface area of new cleared area associated with this project: 0 (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: 20,000 (Square Feet)

For D6b, 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 D6b by A11 and multiply by 100 for percentage. Total percentage = _____ %

N/A

6d. If no above (6c), establishing vegetative cover (revegetation) is the only applicable best management practice. Please describe a revegetation plan that will be equal to or greater in surface area than the proposed new cleared area as identified in 6a. Identify the location on the parcel where the revegetation will occur and how far from mean water level it will be (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: _____

Date: Sept 19, 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: _____

Date: 9/19/2016

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 ft.	Enter new impervious area as entered in item (5a) <u>568.00</u> x 0.5	284.00
Total Fee due:		409.00

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

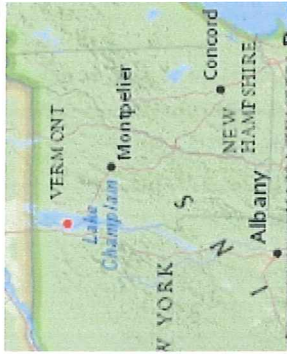
For additional information visit:
<http://dec.vermont.gov/watershed/lakes-ponds>

Revised April 2016



Natural Resources Atlas
Vermont Agency of Natural Resources

vermont.gov



1: 1,535
September 26, 2016

LEGEND

- Shoreland 100' Setback
- Shoreland 250' Setback
- Wetlands - VSWI
 - Class 1 Wetland
 - Class 2 Wetland
- Wetlands Advisory Layer
- Buildings (E911)
- Waterbody
- Stream
- Parcels (where available)
- Town Boundary
- County Boundary

CONNECTION FOR:
547 W. SHORE RD
SOUTH HERO, VT.
LITTLE RED HERD
HOUSE COMPANY, LLC

NOTES

Map created using ANR's Natural Resources Atlas

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any warranties to be implied with respect to the data on this map.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

8.0 0 39.00 78.00 Meters
1" = 128 Ft. 1cm = 15 Meters

VGS_1984_Web_Mercator_Auxiliary_Sphere
© Vermont Agency of Natural Resources

LAKE CHAMPLAIN

100 FT SHORELAND SETBACK

EXISTING SECTION OF HOME TO BE REPLACED 576 SF ROOF

NEW IMPERVIOUS ROOF ADDITION 568 SQ FT

250 FT SHORELAND SETBACK

551 WEST SHORE RD

LITTLE RED HERO HOUSE COMPANY, LLC

547 WEST SHORE ROAD
SOUTH HERO, VT 05486
1.2 ACRES 52,500 SQ FT

545 WEST SHORE RD

WEST SHORE ROAD

Google Earth

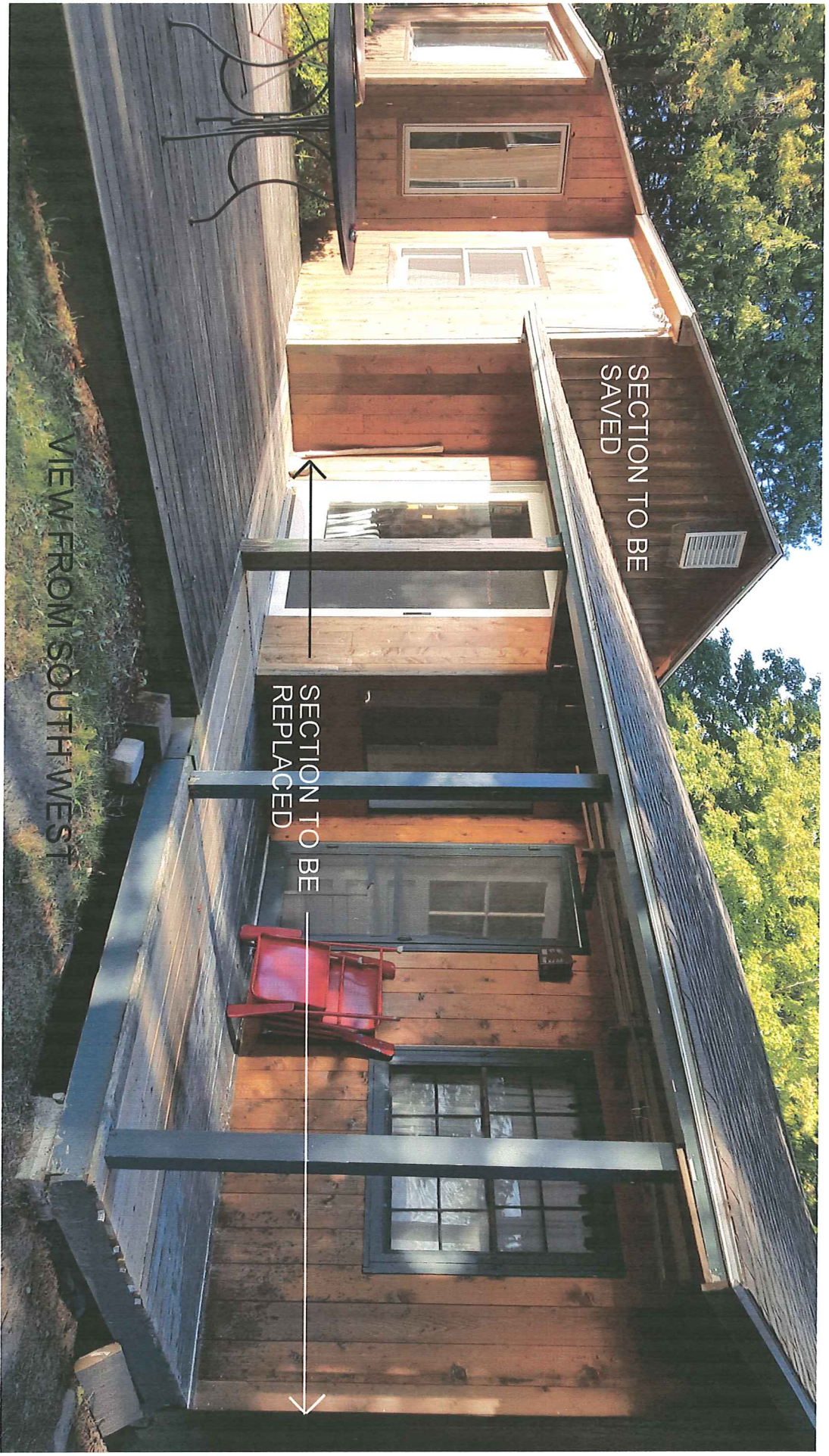
1995

Imagery Date: 5/13/2015 44°40'13.90" N 73°20'51.59" W elev 130 ft eye alt 686 ft

A photograph of a small wooden cabin with a porch. The cabin has vertical wood siding and a dark green door and window frame. A red folding chair is on the porch. A large tree limb is overhanging the roof from the right. A propane tank and grill are visible in the background. The text "LARGE LIMB TO BE TRIMMED" is overlaid on the image, with a line pointing to the tree limb. The text "VIEW FROM WEST" is overlaid at the bottom.

LARGE LIMB
TO BE TRIMMED

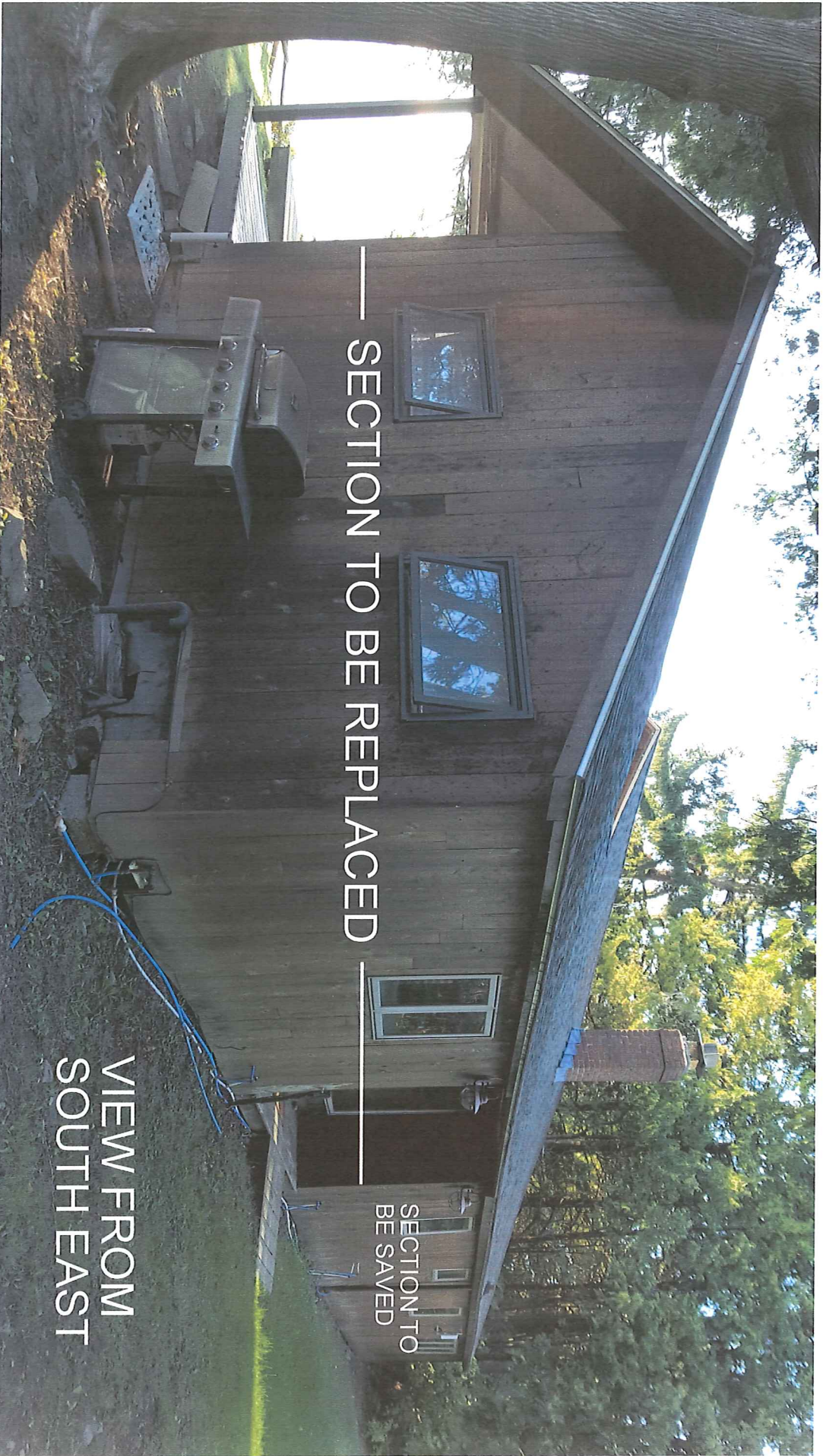
VIEW FROM WEST



SECTION TO BE SAVED

SECTION TO BE REPLACED

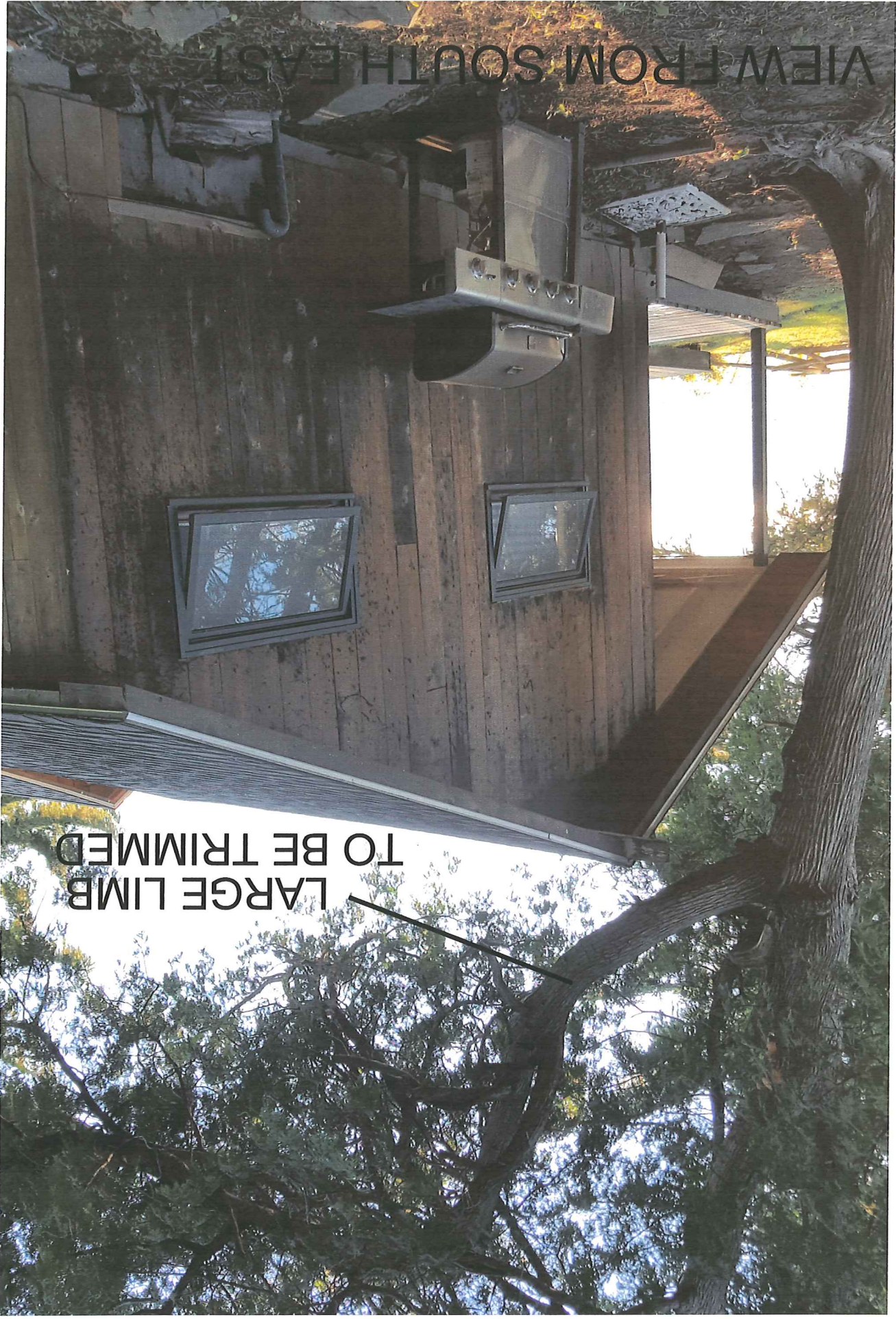
VIEW FROM SOUTH WEST



SECTION TO BE REPLACED

SECTION TO BE SAVED

VIEW FROM SOUTH EAST



VIEW FROM SOUTH EAST

LARGE LIMB
TO BE TRIMMED



Apple Island
Company

Design/Planning

Real Estate

P.O. Box 250, 304 US Route 2, South Hero, Vermont 05486
802-372-4737

September 28, 2016



RE: SHORELAND APPLICATION

Little Red Hero House, LLC
547 West Shore Road
South Hero, VT 05486

ENCLOSURE:

I made a correction to the recent application by adding information to page 2, Project Description. I know I filled in that section during the preparation of the online PDF fill-in the blanks process. Somehow it disappeared in printing. A little frustration that nothing can be saved on the working page during the process. If you leave the page to research some math to fill in a blank, poof, it's all gone. A learning process I guess.

I hope this can be added to the application without holding things up. My client would like to start construction this fall. Winter is coming!

Thank You.

Jeff Sikora