



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: **2164-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: **John C. White Jr. and Jean W. White**

2a. Physical Address (911 Address): **979 Devil's Hill Road**

2b. Town - County: **Peacham - Caledonia**

2c. Zip: **05862**

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) : **468-148-10688**

4. Phone: **802.899.1331**

5. Email: **johnw812@yahoo.com**

6. Name of Lake/Pond: **Martins Pond - Peacham**

7. Total Shore Frontage **105.6** (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): **26,400** (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: **612** (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: **7,768** (square feet)  
 See the Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

**B. Applicant Contact Information**

1. Name: **John White**

2a. Mailing Address: **9 Arbor Road**

2b. Town: **South Burlington**

2c. State: **VT**

2d. Zip: **05403**

3. Phone: **802.899.1331**

4. Email:

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

1. Name:

2a. Mailing Address:

2b. Town:

2c. State:

2d. Zip:

3. Phone:

4. Email:

## 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.

Demolish and remove two existing camps covering 612 square feet. Build new 1296 sqft camp over the footprint of one of the prior camps. New camp will be entirely sited more than 100 feet from the shoreline (see attached drawing). New camp will have a new septic system (plan attached, permit applied for).

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 100 and 140 (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 n/a (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: 24 %  
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):

The existing cleared area from the project area to the shoreline will be terraced. Waterbars will be included where necessary. A 25 foot band of cleared area from the shoreline will be planted with native species per Lakewise.

5a. What is the surface area of new impervious surface associated with this project: 1,296.00 (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: 1908 (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 = \_\_\_\_\_ %  N/A

5d. If no above (5c), describe the best management practices used to manage, treat, and control erosion from stormwater form 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: <u>1152</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>8920</u> (Square Feet) <small>For D6b, add A13 to D6a</small>
6c. Is the total in 6b. 40% or less of the parcel area within the PSA? <input checked="" type="checkbox"/> Yes (if yes, skip 6d.) <input type="checkbox"/> No <small>If 6a is 0, check the n/a box, otherwise divide D6b by A11 and multiply by 100 for percentage. Total percentage = <u>33.8</u> %</small> <input type="checkbox"/> 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:** \_\_\_\_\_

**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:** 8-20-16

**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**

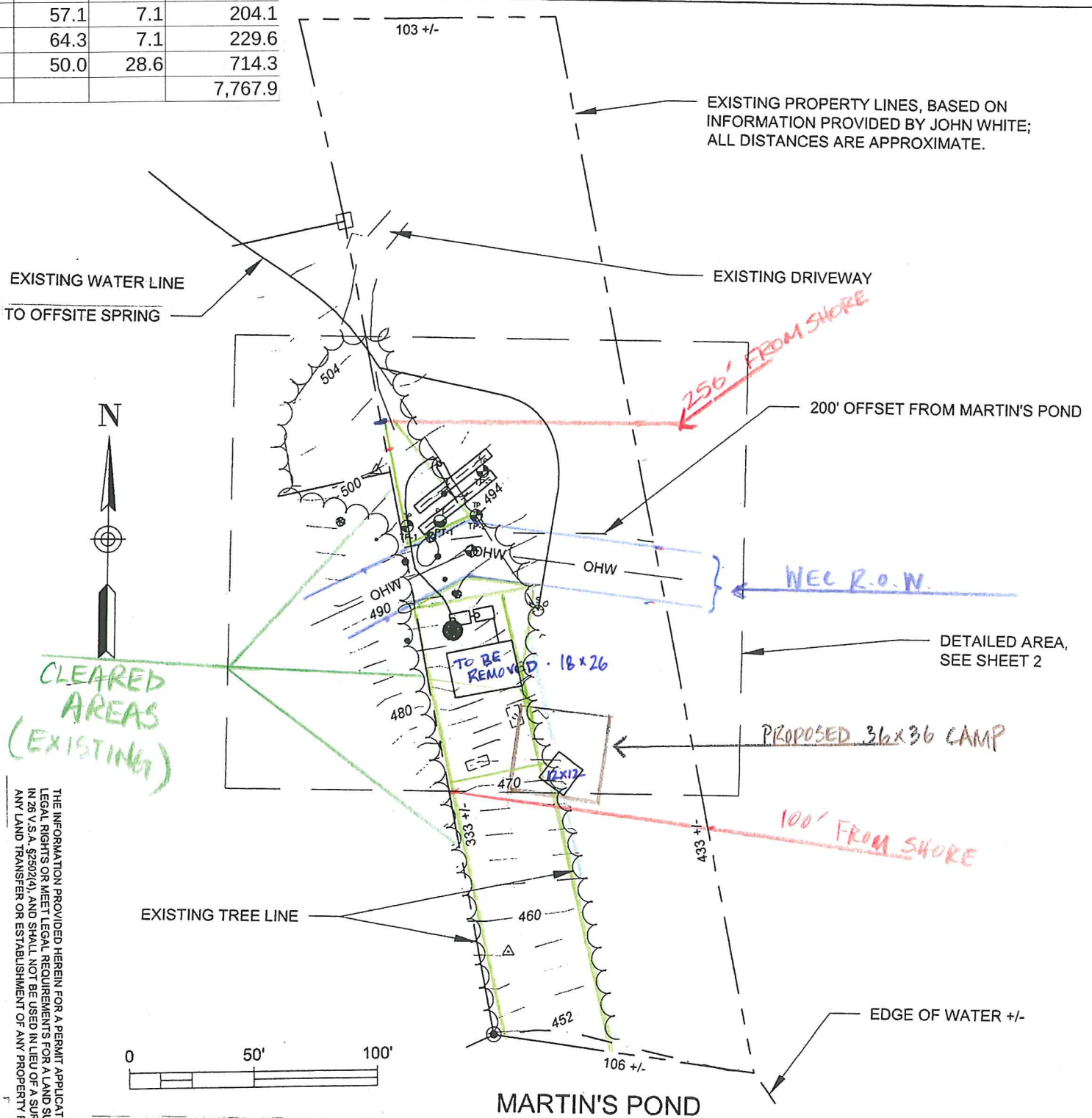
Administrative Fee: \$125.00		125.00
Impervious Area Fee: \$0.50 per square ft.	Enter new impervious area as entered in item (5a) <u>1,296.00</u> x 0.5	648.00
<b>Total Fee due:</b>		<b>773.00</b>

**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:  
<http://dec.vermont.gov/watershed/lakes-ponds>

Cleared Area Dimensions and Areas			
Section	In feet		Square Feet
	height	base	
1	103.6	39.3	4,068.9
2	71.4	35.7	2,551.0
3	57.1	7.1	204.1
4	64.3	7.1	229.6
5	50.0	28.6	714.3
			7,767.9



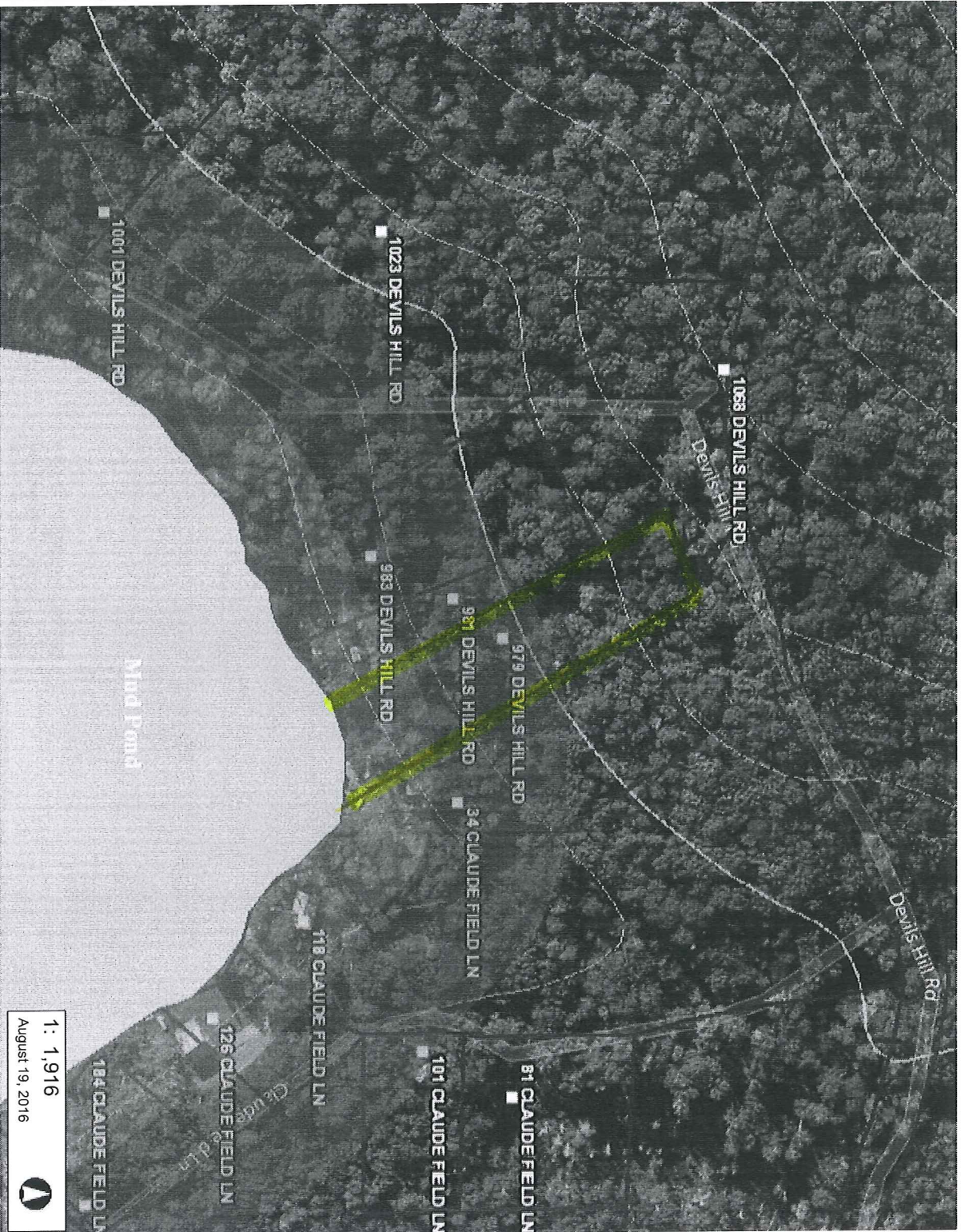
THE INFORMATION PROVIDED HEREIN FOR A PERMIT APPLICATION DOES NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED IN 26 V.S.A. §2502(4), AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHTS.

**OVERALL SITE PLAN**  
 SCALE: 1" = 50'  
 7/8" = 50'

4

DATE 08/12/16	Checked:	Drawn:	Design:	REVISIONS		PREPARED FOR:	ADDRESS:	<b>RUGGLES ENGINEERING SERVICES, INC.</b> 4580 MEMORIAL DRIVE, ST. JOHNSBURY, VT 05819 Civil Engineering-Site Permitting Water, Sewer and Stormwater System Design
				No.	Description			
						<b>OVERALL SITE PLAN</b>		





97.0

0

48.00

97.0 Meters

1" = 160 Ft.

1cm = 19 Meters

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere

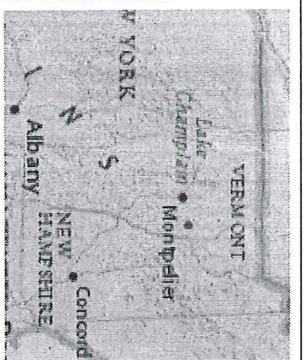
© Vermont Agency of Natural Resources

THIS MAP IS NOT TO BE USED FOR NAVIGATION

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 such warranties to be implied with respect to the data on this map.

1: 1,916

August 19, 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

NOTES

Map created using ANR's Natural Resources Atlas







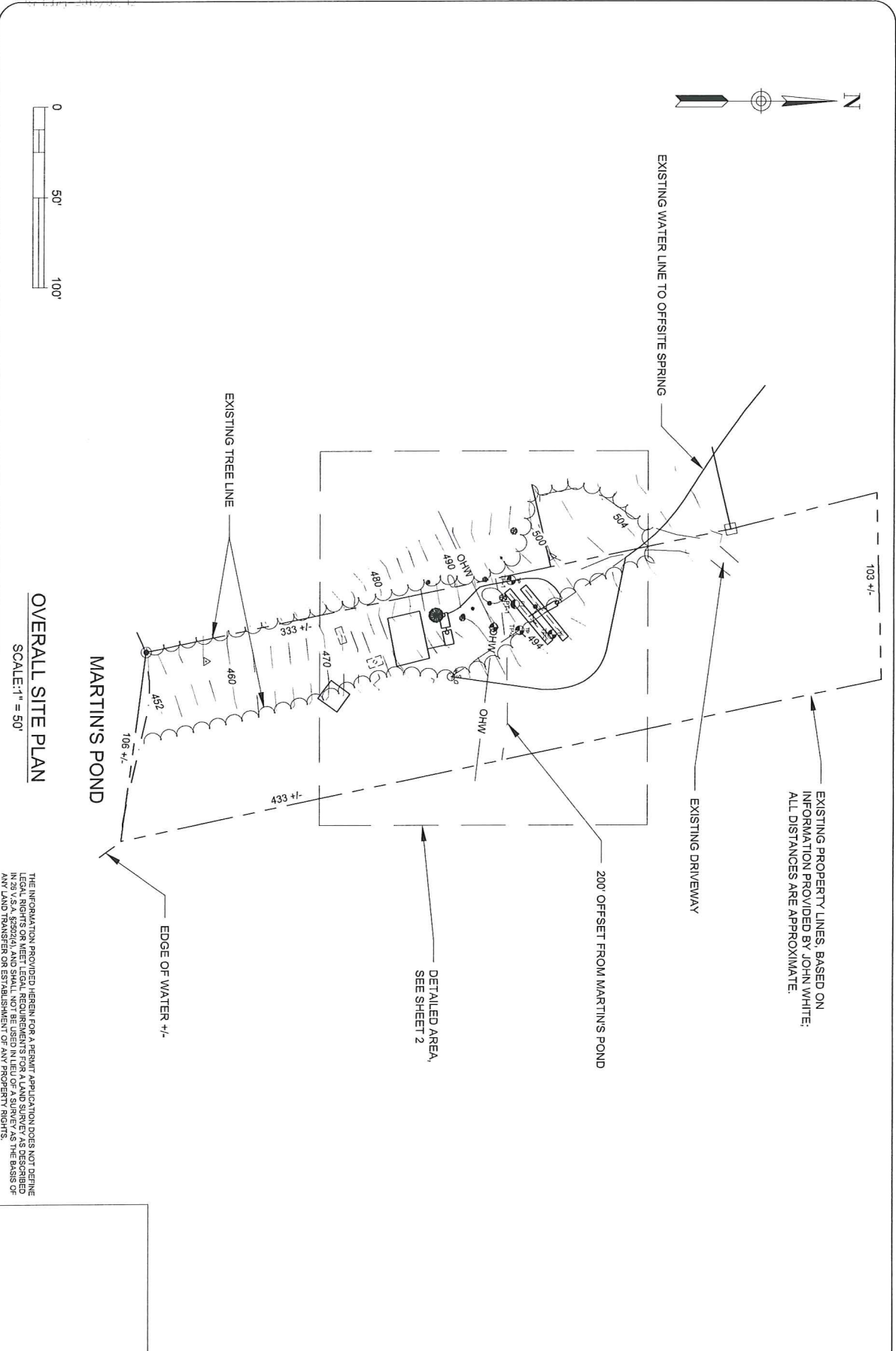
Larger Camp











**OVERALL SITE PLAN**  
SCALE: 1" = 50'

THE INFORMATION PROVIDED HEREIN FOR A PERMIT APPLICATION DOES NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED IN 29 V.S.A. §§2021 AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHTS.

No.	Description	Date

Prepared for:  
**JOHN & JEAN WHITE**  
979 DEVIL'S HILL ROAD, PEACHAM, VT

Address:

Drawn by:

Checked by:

Date:  
08/12/16

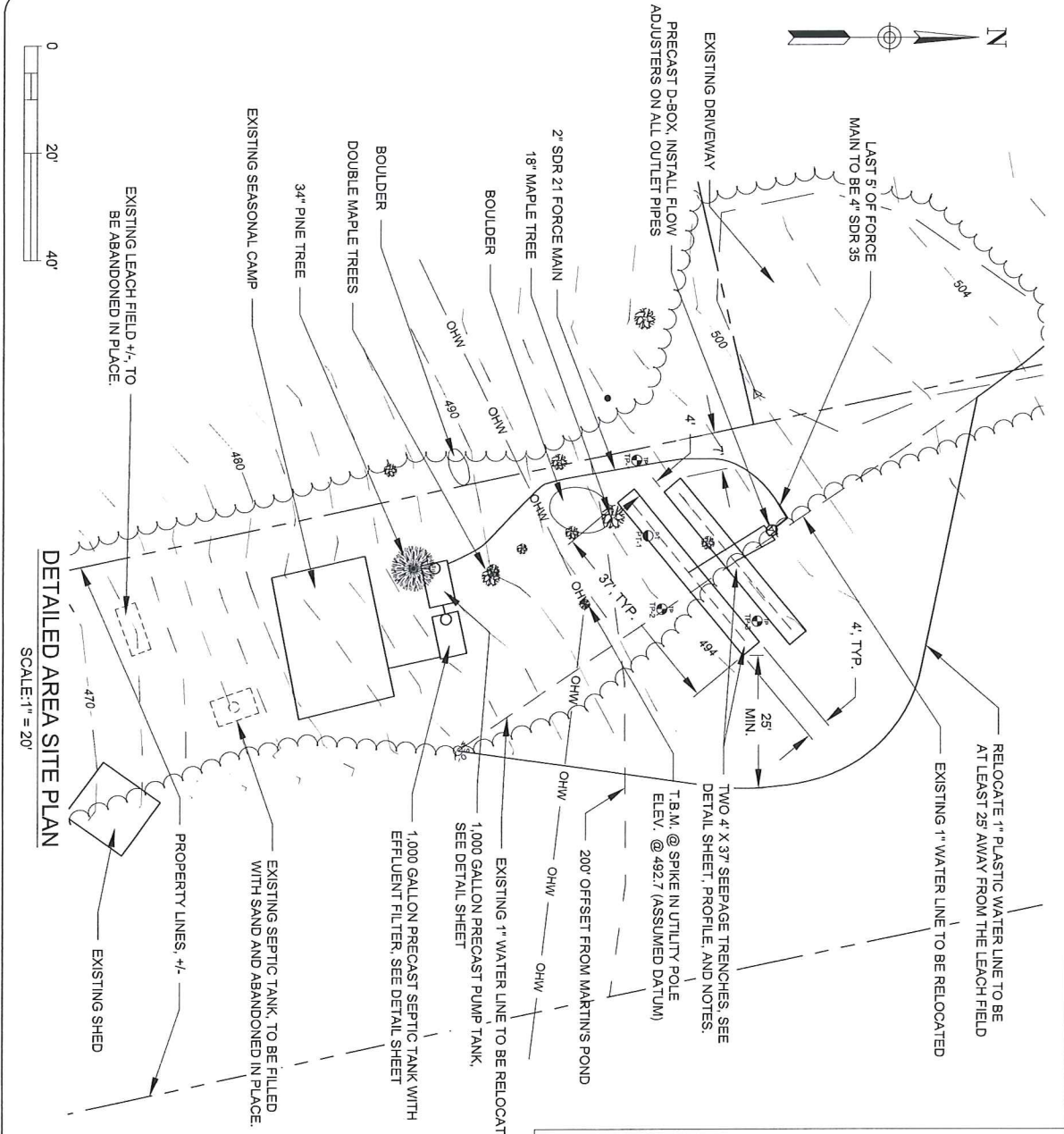
Sheet of 3

**OVERALL SITE PLAN**  
**FOR WW PERMIT**

**RUGGLES**  
**ENGINEERING SERVICES, INC.**  
4560 MEMORIAL DRIVE, ST. JOHNSBURY, VT 05819  
Civil Engineering-Site Permitting  
Water, Sewer and Stormwater System Designs  
802-748-5678  
JOB No. 16012







- SEPTIC SYSTEM NOTES:**
1. ALL MATERIALS SHALL MEET THE REQUIREMENTS OF THE WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES.
  2. SEPTIC TANKS SHALL BE PRECAST CONCRETE AS MANUFACTURED BY H&S SUPPLIES, CALCO, OR APPROVED EQUAL. THE TANK SHALL HAVE A 24" DIA. RISER TO GRADE WITH A TIGHT FITTING, CHILD PROOF COVER. THE TANK SHALL HAVE AN EFFLUENT FILTER TO PREVENT PASSAGE OF SOLIDS LARGER THAN 1/8" IN SIZE.
  3. THE SYSTEM IS TO BE ACCURATELY LOCATED IN THE FIELD. ALL MINIMUM ISOLATION DISTANCES OUTLINED IN SECTION 1-807(a) OF THE WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES. SHALL BE ADHERED TO.
  4. ALL EXTERIOR DRAIN LINES SHALL BE 4" SDR 35, OR APPROVED EQUAL. DISTRIBUTION LINES WITHIN THE SEWAGE TRENCH MAY BE PERFORATED 4" S&D, SDR 35, OR APPROVED EQUAL.
  5. ENDS OF THE DISTRIBUTION LINES ARE TO BE CAPPED.
  6. THE BOTTOM OF THE SEWAGE TRENCH AND PERFORATED DISTRIBUTION LINES ARE TO BE LEVEL. GRADE TO BE SET WITH AN INSTRUMENT.
  7. ALL EXTERIOR PIPING IS TO BE PROTECTED FROM FREEZING. ALL WATER AND SEWER LINES ARE TO HAVE 5" OF COVER OR EQUIVALENT WITH STYROFOAM INSULATION.
  8. THE SYSTEM IS TO BE MAINTAINED IN ACCORDANCE WITH THE WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES.
  9. ALL SEWAGE AND EFFLUENT DISCHARGE PIPING TO BE SEALED TO ALL TANKS, D-BOXES, ETC. VIA WATER TIGHT SEALS AND/OR DEVICES.
  10. THIS SYSTEM IS DESIGNED FOR 2 BEDROOM (280 GPD).

<b>JOHN &amp; JEAN WHITE</b> 979 DEVIL'S HILL ROAD, PEACHAM, VT <b>DETAILED AREA SITE PLAN</b> <b>FOR WW PERMIT</b>		<b>RUGGLES</b> <b>ENGINEERING SERVICES, INC.</b> 4280 MEMORIAL DRIVE, ST. JOHNSBURY, VT 05897 Civil Engineering/ Site Permitting Water, Sewer and Stormwater System Designs 802-748-5698 JOB NO. 16042											
PREPARED FOR: Address:	REVISIONS <table border="1"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		No.	Description	Date								
No.	Description	Date											
Drawn: _____ Checked: _____ Date: 08/12/16	Sheet of 3	2											

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**John White**  
**9 Arbor Road**  
**South Burlington, VT 05403**  
**802.899.1331**



August 20, 2016

To the VT DEC Watershed Management Division:

Enclosed is my Shoreland Permit Application together with a check for \$773.00 and the following documents:

<u>Document</u>	<u>Page(s)</u>
Application	1 - 3
Site Plan	4
Map showing Parcel Location	5
Photos	6 - 8
Septic Plan	9 - 11

I have sent a copy of this application to the Peacham Town Clerk's office

Sincerely,

A handwritten signature in blue ink, appearing to read "John White", written over a horizontal line.

John White