



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. *will establish additional vegetative cover within the first 25 feet from MWL as well as maintain existing embedded boulders, also discussed the possibility of a raised boardwalk as the exempt footpath, and planting an additional tree on the property line between neighbors - LLM, site visit 9/20/16*

5a. What is the surface area of new impervious surface associated with this project: ~~1,296.00~~ ^{*}1152 (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: ~~1008~~ ^{1764sqft -} (Square Feet)
LLM 9/2/16
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 = 6.7% - LLM 9/2/16 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):

*1152sqft new impervious surface - LLM 9/2/16

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).	

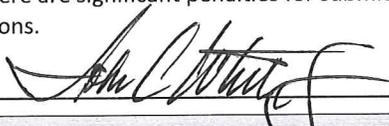
E. Landowner Certification

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	refund of \$72, new impervious 1152sqft * 0.5 = \$576
Total Fee due:		773.00	LLM 9/2/16

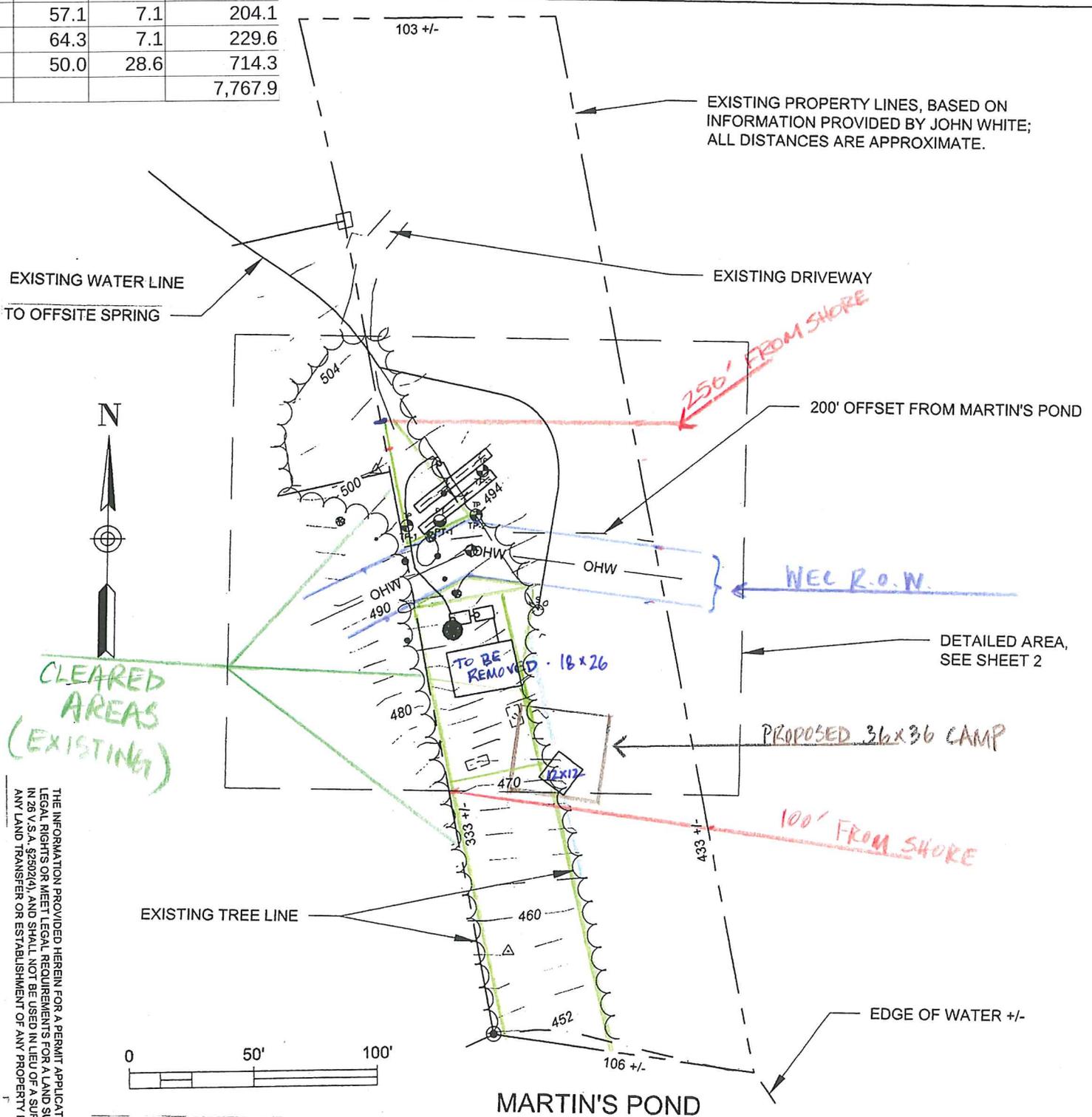
Submit this form and application fee, payable to:
 State of Vermont -Vermont Department of Environmental Conservation
 Watershed Management Division -Shoreland Permitting
 1 National Life Drive, Main 2
 Montpelier, VT 05620-3522

Direct all correspondence or questions to Shoreland Permitting at:
ANR.WSMDShoreland@vermont.gov

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



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'

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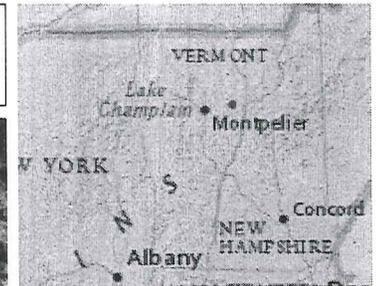
DATE 08/12/16	Checked:	Designed: T.R.	REVISIONS		PREPARED FOR: JOHN & JEAN WHITE 979 DEVIL'S HILL ROAD, PEACHAM, VT	RUGGLES ENGINEERING SERVICES, INC. <small>4580 MEMORIAL DRIVE, ST. JOHNSBURY, VT 05819</small> Civil Engineering-Site Permitting Water, Sewer and Stormwater System Design
			No.	Description		
					OVERALL SITE PLAN	



Natural Resources Atlas

Vermont Agency of Natural Resources

vermont.gov



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

1: 1,916
August 19, 2016

97.0 0 48.00 97.0 Meters
 WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 160 Ft. 1cm = 19 Meters
 © 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.

NOTES

Map created using ANR's Natural Resources Atlas

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From Shoreline

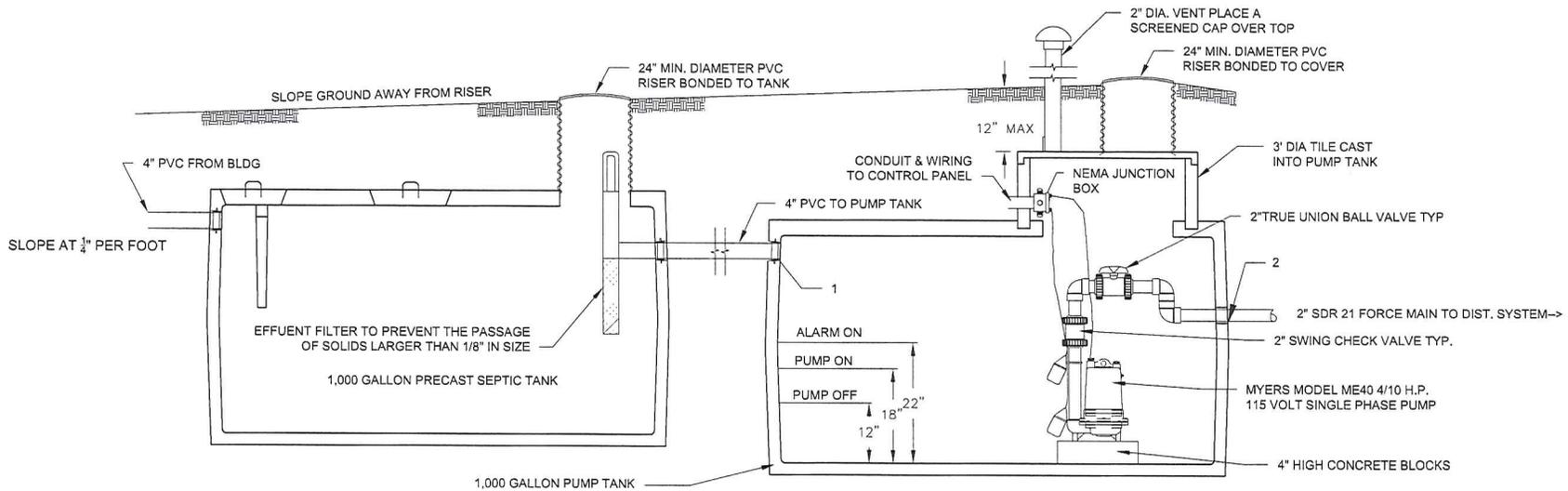


Larger Camp

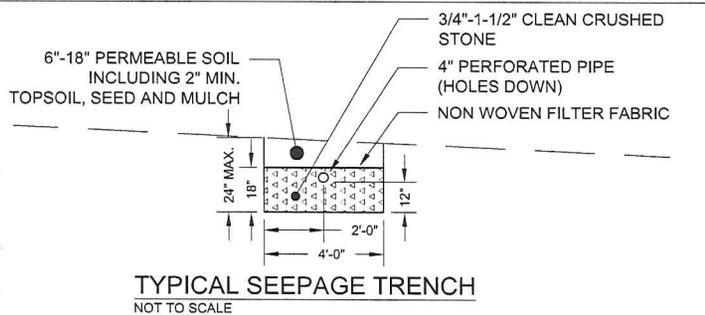
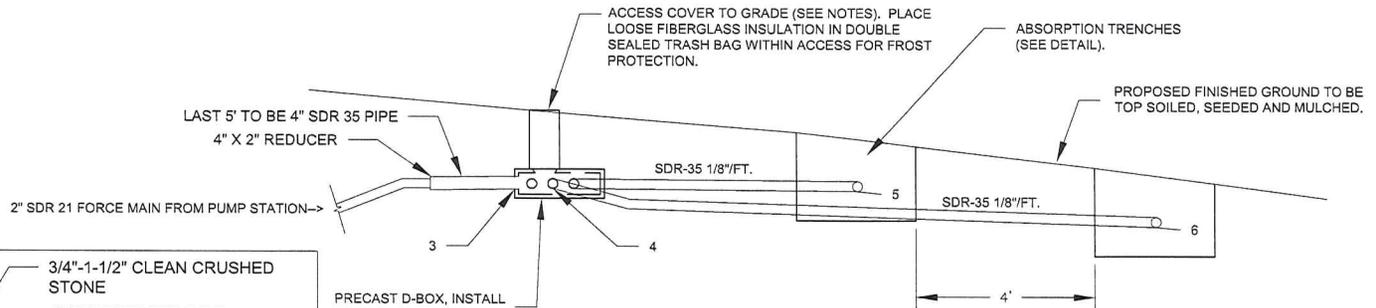


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SYSTEM ELEVATIONS		
#	LOCATION	ELEVATION
1	TANK INLET	486+/-
2	TANK OUTLET	485+/-
3	D-BOX INLET	494.7
4	D-BOX OUTLET	494.6
5	TRENCH 1	494.5
6	TRENCH 2	493.5



PUMP CHAMBER NOTES:

- PUMP SYSTEM TO HAVE A SIMPLEX (PIGGYBACK) CONTROLLER.
- PROVIDE AN ALARM WITH A LIGHT AND A BUZZER IN A WELL FREQUENTED AREA.
- ALL WIRING TO BE IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.
- VERIFY ELECTRICAL SERVICE BEFORE ORDERING PUMPS.
- PUMP IS TO BE CAPABLE OF 10 GPM @ 12' OF HEAD.
- PUMP TO OPERATE AS FOLLOWS: (ASSUME BOTTOM OF TANK @ ELEV. 482.0)
 ELEV. 483.0 = PUMPS OFF
 ELEV. 483.5 = PUMP ON
 ELEV. 483.8 = ALARM ON
- DISCHARGE PIPING TO BE HAVE A CHECK VALVE, BALL VALVE AND A UNION.
- PROVIDE A 24\"/>

RUGGLES ENGINEERING SERVICES, INC.
 450 HICKORY AVENUE, W. WARREN, VT 05674
 Civil Engineering/Site Permitting
 Water, Sewer & Storm Drainage Systems Design
 Phone: 802-248-5900 Fax: 802-248-5908
 JOB No. 16007

JOHN & JEAN WHITE
 919 DEVIL'S HILL ROAD, PEACHTAM, VT
DETAILS SHEET
 FOR WW PERMIT

REVISIONS	
No.	Description

Prepared for: ASB 0118
 Date: / /
 Drawn:
 Checked:
 Date: 08/12/16

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