

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

For Shoreland Permitting Use Only  
 Application Number: 2247-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: **Curtis Johnson**

2a. Physical Address (911 Address): **25 Foster Hill Road**

2b. Town - County: **Calais - Washington**

2c. Zip: **05650**

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)

**120-037-10444**

4. Phone: **802 456 1975**

5. Email: **cbjohnsonphoto@gmail.com**

6. Name of Lake/Pond: **Mirror Lake (No. 10 Pond) - Calais**

7. Total Shore Frontage **600** (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): 156,816 (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: 5,730 (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: 34,350 (square feet)

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

**B. Applicant Contact Information**

1. Name: **Curtis B Johnson**

2a. Mailing Address: **25 Foster Hill Road**

2b. Town: **Calais**

2c. State: **VT**

2d. Zip: **05650**

3. Phone: **802 456 1975**

4. Email: **cbjohnsonphoto@gmail.com**

**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.

Construction of outdoor deck 21.5' x 14', plus 20 sq.ft. stair to access deck, all within existing cleared area and no closer to MWL than existing habitable structure. See scaled survey parcel map (1" = 30') for dimensions of surface areas of cleared and impervious areas (including drip edges, drives and parking), distances to MWL, and project site slope. See detail map of existing habitable structure and proposed deck for proposed new impervious area and distance to MWL.

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 70 (feet), and how far will new cleared area or impervious surface be from MWL 69 (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):

Deck will not serve its purpose (access/egress and connecting from both existing former barn egress and existing porch) if otherwise located. Local zoning setbacks (40' from Town Road and 25' from adjoining parcel to SW) also make this the most feasible deck location while maximizing distance to MWL. This location will also not block view of the lake from public ROW and neighboring dwellings, in keeping with the local village district. See detail map.

4a. What is the slope of the project site area: 6 %

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):

n/a

5a. What is the surface area of new impervious surface associated with this project: 321.00 (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: 6,051 (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 from the portion of impervious surface that exceeds 20% (attach support information as needed):

n/a

<b>6a. What is the surface area of new cleared area associated with this project:</b> <u>0</u> (Square Feet) <small>See the <a href="#">Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing.</a></small>	<b>6b. What is the total resulting cleared area after completion of the project and prior to implementation of best management practices:</b> <u>34,350</u> (Square Feet) <small>For D6b, add A13 to D6a</small>
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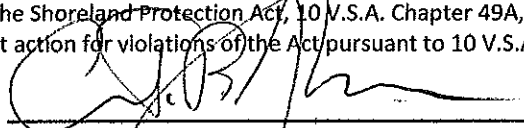
**6c. Is the total in 6b. 40% or less of the parcel area within the PSA?**  Yes (if yes, skip 6d.)  No  
If 6a is 0, check the n/a box, otherwise divide D6b by A11 and multiply by 100 for percentage. Total percentage = \_\_\_\_\_ %  N/A

**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).**

n/a

**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:** 11/29/2016

**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:** \_\_\_\_\_

**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>321.00</u> x 0.5	160.50
<b>Total Fee due:</b>		<b>285.50</b>

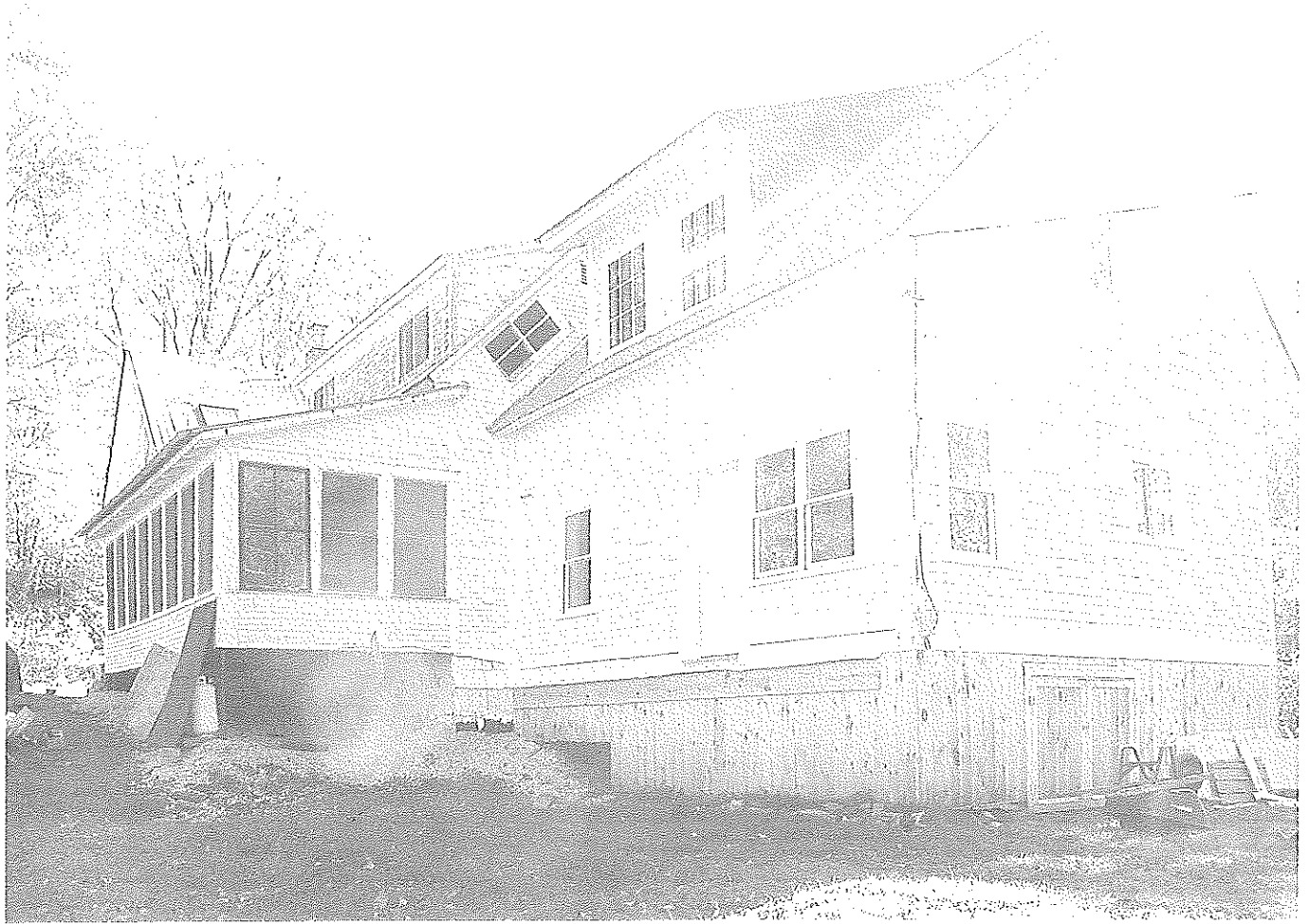
**Submit this form and application fee, payable to:**  
 State of Vermont -Vermont Department of Environmental Conservation  
 Watershed Management Division -Shoreland Permitting  
 1 National Life Drive, Main 2  
 Montpelier, VT 05620-3522

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>



Habitable structure from Town Road  
looking towards lake

Photos also on CD



Proposed site of deck.  
Also on CD



View from corner of proposed deck  
towards water access.

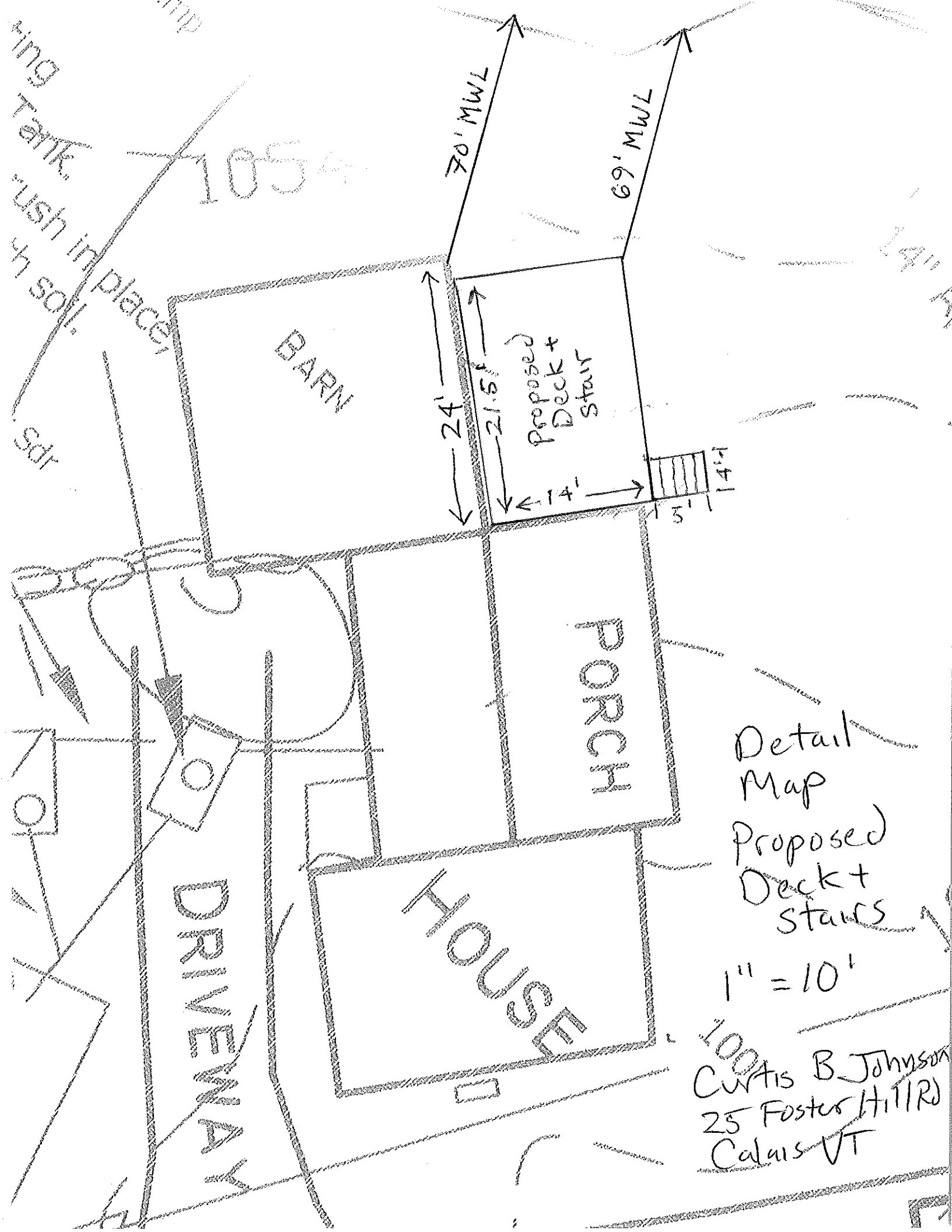
Alson CD





*Almost all of my shore line.*

*Also on CD*



ring tank  
push in place  
4" soil  
Sdr

1054

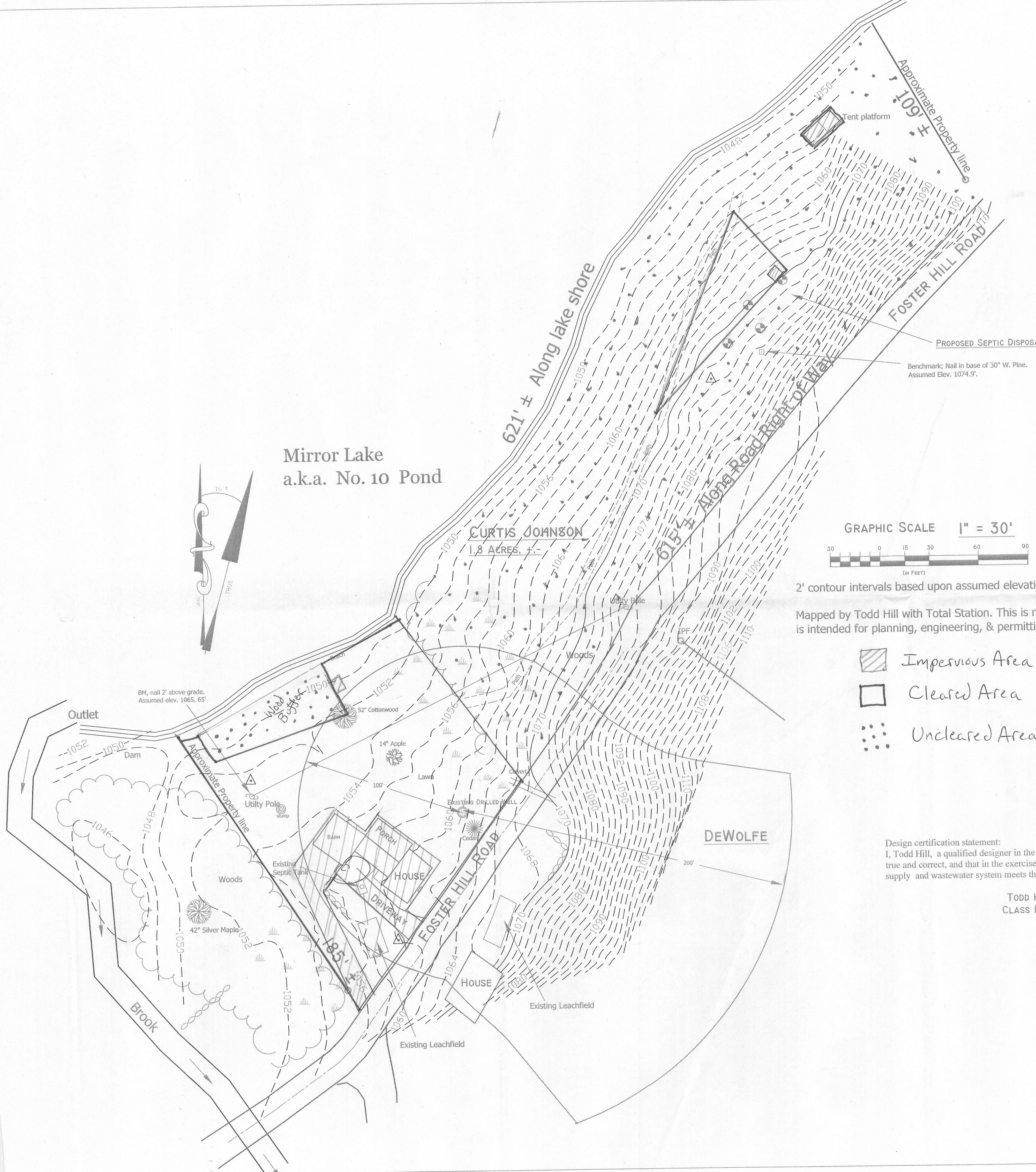
14"

Detail  
Map  
Proposed  
Deck +  
stairs

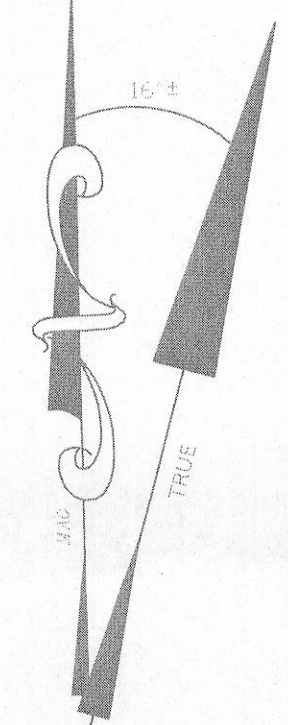
1" = 10'

1000  
Curtis B. Johnson  
25 Foster Hill Rd  
Calais VT





Mirror Lake  
a.k.a. No. 10 Pond



CURTIS JOHNSON  
1.8 ACRES ±

Approximate Property line  
± 601'

621' ± Along lake shore

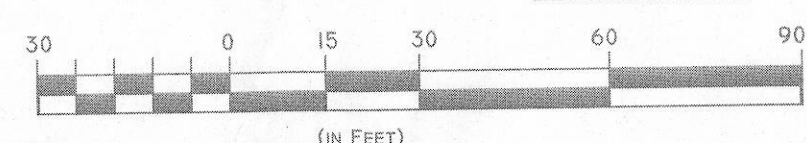
615' ± Along Road Right of Way

FOSTER HILL ROAD

PROPOSED SEPTIC DISPOSAL FIELD LOCATION


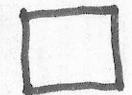

Benchmark; Nail in base of 30" W. Pine.  
Assumed Elev. 1074.9'

GRAPHIC SCALE 1" = 30'



2' contour intervals based upon assumed elevation at benchmark.

Mapped by Todd Hill with Total Station. This is not a boundary survey, and is intended for planning, engineering, & permitting purposes only.

-  Impervious Area
-  Cleared Area
-  Uncleared Area

Design certification statement:  
I, Todd Hill, a qualified designer in the state of Vermont, certify that the design-related information is true and correct, and that in the exercise of my professional judgment, the design of the potable water supply and wastewater system meets the technical standards of the Vermont EPR's.

TODD HILL,  
CLASS B DESIGNER #341

CURTIS B. JOHNSON

WATER & WASTEWATER F

1.8 ACRES ±  
FOSTER HILL ROAD  
NORTH CALAIS, VERMONT

SHEET 1 OF 1

JANUARY,