



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

For Shoreland Permitting Use Only  
 Application Number: 2216-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: Town of Berlin

2a. Physical Address (911 Address): Brookfield Road

2b. Town - County: Berlin - Washington

2c. Zip: 05602

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)

4. Phone:

5. Email:

6. Name of Lake/Pond: Berlin Pond - Berlin

7. Total Shore Frontage 278 (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): 40268 (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: 0 (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: 0 (square feet)

See the [Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing](#)

**B. Applicant Contact Information**

1. Name: Louis Porter

2a. Mailing Address: 1 National Life Drive - Davis 2

2b. Town: Montpelier

2c. State: Vermont

2d. Zip: 05620

3. Phone: 802-917-1347

4. Email: mike.wichrowski@vermont.gov

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

1. Name: Colin Reynolds

2a. Mailing Address: 1 National Life Drive - Main 1

2b. Town: Montpelier

2c. State: Vermont

2d. Zip: 05620

3. Phone: 802-477-2913

4. Email: colin.reynolds@vermont.gov

#### 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.

Project consists of a new 20' X 80' grassed parking area to service an existing car top boat launch and a 20' X 155' gravel drive to access the parking from a town operated highway.

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

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL <sup>11</sup> \_\_\_\_\_ (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):

The entire parcel is within a 100' setback.

4a. What is the slope of the project site area: +/- 3 \_\_\_\_\_ %

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: 3,100.00 (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: 3100 (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):



|  |   |
|--|---|
| <b>6a. What is the surface area of new cleared area associated with this project:</b> <u>5789</u> (Square Feet)<br><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>5789</u> (Square Feet)<br><small>For D6b, add A13 to D6a</small> |
|--|---|

**6c. Is the total in 6b. 40% or less of the parcel area within the PSA?**  Yes (if yes, skip 6d.)  No  N/A  
If 6a is 0, check the n/a box, otherwise divide D6b by A11 and multiply by 100 for percentage. Total percentage = \_\_\_\_\_ %

**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 great in surface area than the proposed new cleared area as identified in 6a. Identify the location of 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:** Oct 3/16

**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:** Col. Reynolds **Date:** 10-6-2016

**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**

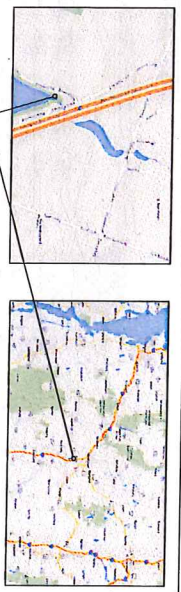
|  |  |                 |
|--|--|-----------------|
| Administrative Fee: \$125.00               |  | 125.00          |
| Impervious Area Fee: \$0.50 per square ft. | Enter new impervious area as entered in item (5a)<br><u>3,100.00</u> x 0.5 | 1,550.00        |
| <b>Total Fee due:</b>                      |  | <b>1,675.00</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>

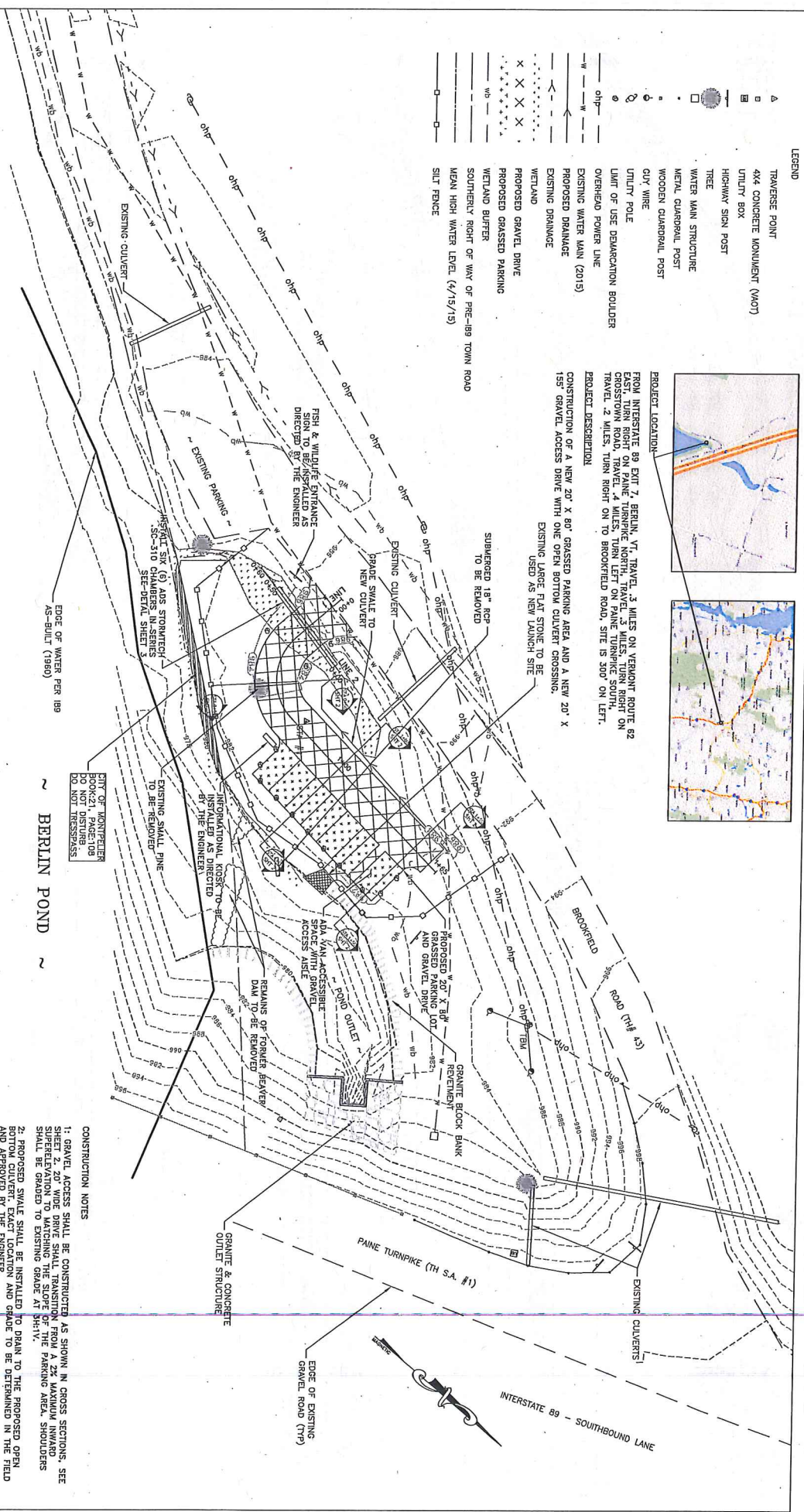


- LEGEND**
- ▲ TRAVERSE POINT
  - ▣ 4x4 CONCRETE MONUMENT (MOT)
  - UTILITY BOX
  - HIGHWAY SIGN POST
  - TREE
  - WATER MAIN STRUCTURE
  - METAL GUARDRAIL POST
  - WOODEN GUARDRAIL POST
  - CITY WIRE
  - UTILITY POLE
  - LIMIT OF USE DEMARCATION BOULDER
  - OVERHEAD POWER LINE
  - EXISTING WATER MAIN (2015)
  - PROPOSED DRAINAGE
  - EXISTING DRAINAGE
  - WETLAND
  - PROPOSED GRAVEL DRIVE
  - PROPOSED GRAVELLED PARKING
  - WETLAND BUFFER
  - SOUTHERLY RIGHT OF WAY OF PRE-199 TOWN ROAD
  - MEAN HIGH WATER LEVEL (4/15/13)
  - SILT FENCE



**PROJECT LOCATION:**  
 FROM INTERSTATE 89 EXIT 7, BERLIN, VT, TRAVEL 3 MILES ON VERMONT ROUTE 82  
 CROSS TOWN ROAD, TURN RIGHT ON PAINÉ TURNPIKE NORTH, TRAVEL 3 MILES, TURN RIGHT ON  
 CROSS TOWN ROAD, TRAVEL 1/2 MILE, TURN RIGHT ON BROOKFIELD ROAD, TRAVEL 1/2  
 MILE, TURN RIGHT ON TO BROOKFIELD ROAD, SITE IS 500' ON LEFT.

**PROJECT DESCRIPTION:**  
 CONSTRUCTION OF A NEW 20' X 80' GRAVELLED PARKING AREA AND A NEW 20' X  
 155' GRAVEL ACCESS DRIVE WITH ONE OPEN BOTTOM CULVERT CROSSING.  
 EXISTING LARGE FLAGSTONE TO BE  
 USED AS NEW LAUNCH SITE



- CONSTRUCTION NOTES**
1. GRAVEL ACCESS SHALL BE CONSTRUCTED AS SHOWN IN CROSS SECTIONS, SEE SUPERELEVATION TO DRIVE SMALL TRANSITION FROM A 2% MAXIMUM INWARD SHALL BE GRADED TO EXISTING GRADE AT 8%:1V.
  2. PROPOSED SWALE SHALL BE INSTALLED TO DRAIN TO THE PROPOSED OPEN BOTTOM CULVERT. EXACT LOCATION AND SHAPE TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.

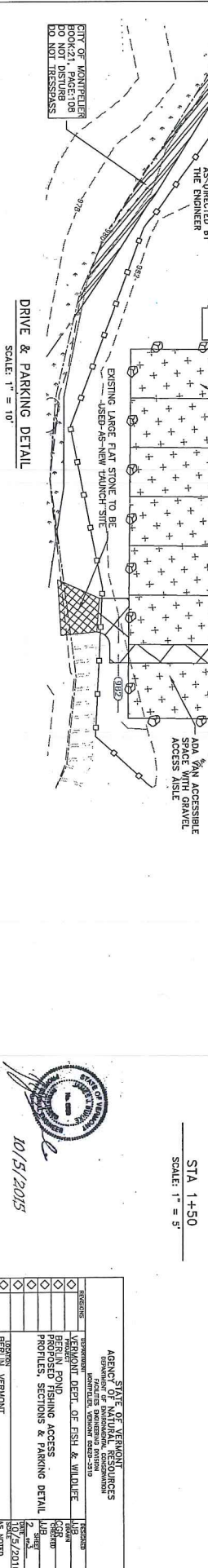
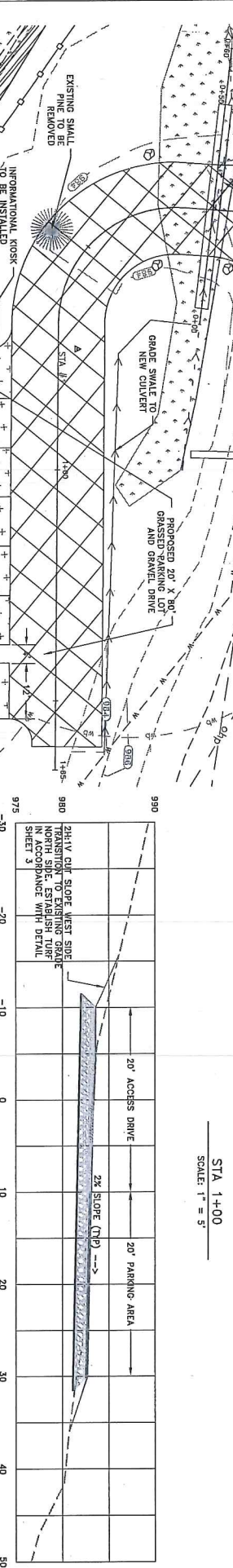
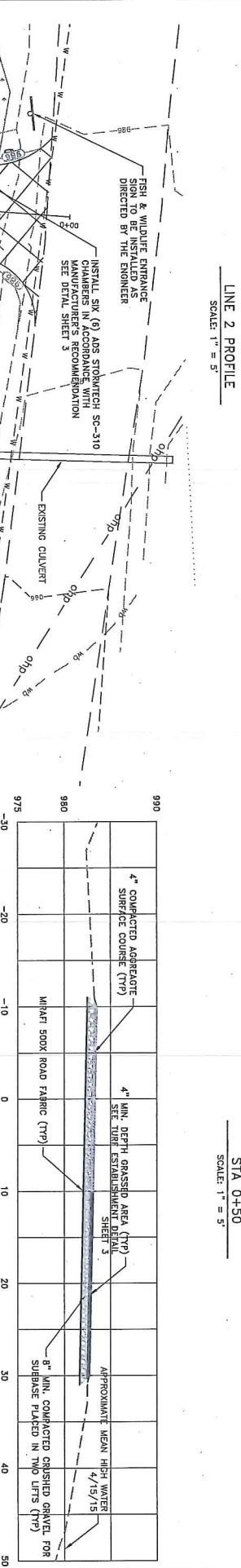
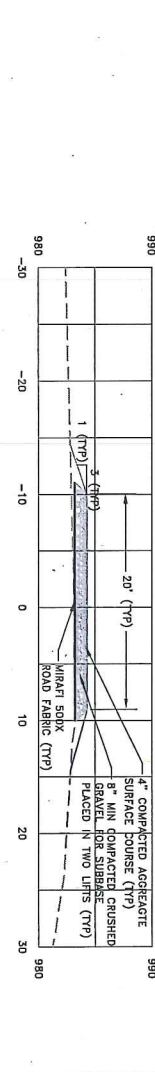
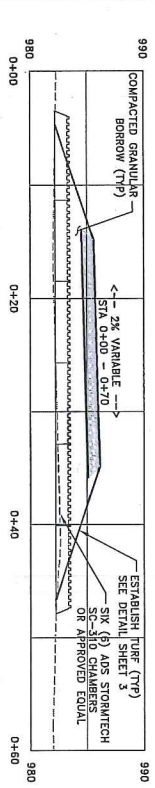
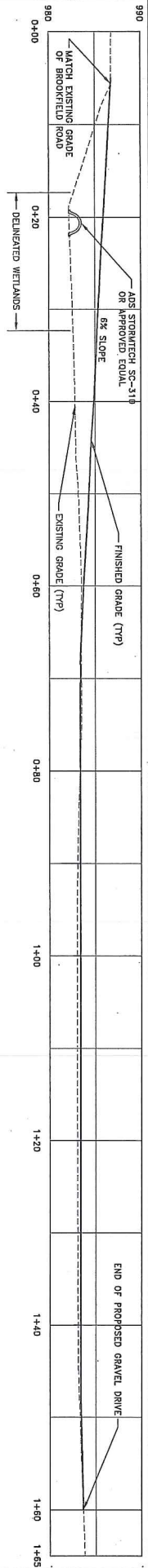
**SITE PLAN**  
 SCALE: 1" = 20'



10/15/2015

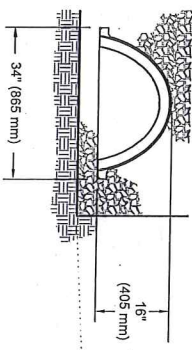
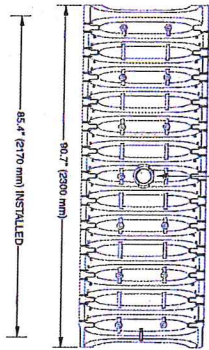
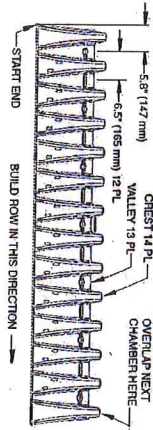
| STATE OF VERMONT                 |                              |
|----------------------------------|------------------------------|
| AGENCY OF NATURAL RESOURCES      |                              |
| SOUTH BURNINGHAM DISTRICT OFFICE |                              |
| PROJECT: VERMONT STATE PARK      |                              |
| NO.                              | DESCRIPTION                  |
| 1                                | PROPOSED GRAVEL DRIVE        |
| 2                                | PROPOSED GRAVELLED PARKING   |
| 3                                | PROPOSED GRAVEL ACCESS DRIVE |
| 4                                | PROPOSED OPEN BOTTOM CULVERT |
| 5                                | PROPOSED SWALE               |
| 6                                | PROPOSED SILT FENCE          |
| 7                                | PROPOSED UTILITY POLES       |
| 8                                | PROPOSED UTILITY BOXES       |
| 9                                | PROPOSED TRAIL               |
| 10                               | PROPOSED SIGNAGE             |
| 11                               | PROPOSED WATER MAIN          |
| 12                               | PROPOSED DRAINAGE            |
| 13                               | PROPOSED WETLAND BUFFER      |
| 14                               | PROPOSED WETLAND             |
| 15                               | PROPOSED WETLAND RESTORATION |
| 16                               | PROPOSED WETLAND MONITORING  |
| 17                               | PROPOSED WETLAND RESEARCH    |
| 18                               | PROPOSED WETLAND EDUCATION   |
| 19                               | PROPOSED WETLAND MANAGEMENT  |
| 20                               | PROPOSED WETLAND RESTORATION |
| 21                               | PROPOSED WETLAND MONITORING  |
| 22                               | PROPOSED WETLAND RESEARCH    |
| 23                               | PROPOSED WETLAND EDUCATION   |
| 24                               | PROPOSED WETLAND MANAGEMENT  |
| 25                               | PROPOSED WETLAND RESTORATION |
| 26                               | PROPOSED WETLAND MONITORING  |
| 27                               | PROPOSED WETLAND RESEARCH    |
| 28                               | PROPOSED WETLAND EDUCATION   |
| 29                               | PROPOSED WETLAND MANAGEMENT  |
| 30                               | PROPOSED WETLAND RESTORATION |
| 31                               | PROPOSED WETLAND MONITORING  |
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| 36                               | PROPOSED WETLAND MONITORING  |
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| 96                               | PROPOSED WETLAND MONITORING  |
| 97                               | PROPOSED WETLAND RESEARCH    |
| 98                               | PROPOSED WETLAND EDUCATION   |
| 99                               | PROPOSED WETLAND MANAGEMENT  |
| 100                              | PROPOSED WETLAND RESTORATION |





STATE OF VERMONT  
AGENCY OF VERMONT COURSES  
DEPARTMENT OF LAND USE, PLANNING & CONSTRUCTION  
DIVISION OF LAND-USE PLANNING & CONSTRUCTION  
100 WATER STREET, SUITE 310  
MONTPELIER, VERMONT 05602-3910

|             |   |
|-------------|---|
| DESIGNED BY | BERLIN, VERMONT   |
| CHECKED BY  |   |
| DATE        | 10/5/2015   |
| PROJECT     | PROPOSED FISHING ACCESS PROFILES, SECTIONS & PARKING DETAIL |
| SCALE       | AS NOTED  |

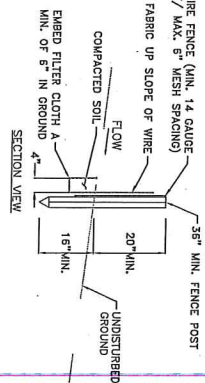
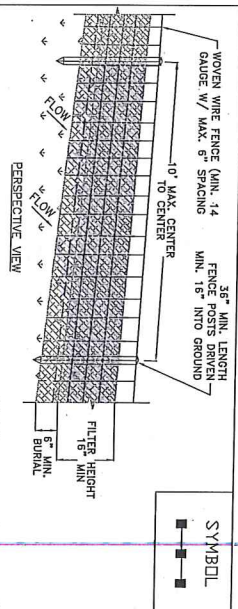


SC3-10 CHAMBER DETAIL  
NOT TO SCALE



TURF ESTABLISHMENT DETAIL  
NOT TO SCALE

- TURF ESTABLISHMENT NOTES**
1. SEED FOR ACCESS ROAD SHOULDERS SHALL BE VAOT CONSERVATION MIX.
  2. SEED MIX FOR PARKING AREA SHALL BE AS FOLLOWS:
    - 40% ESQUIRE AMENTY PERGRASS
    - 20% FANCY AMENTY PERGRASS
    - 20% MAXIMA 1 STRONG RED FESCUE
    - 10% MIRACLE WEDDOWGRASS
  3. ALL SEED QUANTITIES SHALL BE OF EQUAL QUALITY. THE SEED (15) AND APPLIED AT A RATE OF 440 LBS/ACRE



**CONSTRUCTION SPECIFICATIONS**

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

SILT FENCE



10/15/2015

| STATE OF VERMONT<br>DEPARTMENT OF ENVIRONMENTAL RESOURCES<br>DIVISION OF WATER QUALITY |                                  |
|--|----------------------------------|
| APPROVED   | VERMONT DEPT. OF FISH & WILDLIFE |
| DESIGNED   | PROPOSED FISHING ACCESS          |
| CHECKED  | EROSION & SEDIMENT CONTROL       |
| DATE   | 10/15/2015                       |
| PROJECT NO.  | 10/5/2015                        |
| SCALE  | AS SHOWN                         |

