Vermont Wetlands Program
General Permit Qualification Form

Under Sections 9
of the Vermont Wetland Rules

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
WETLANDS PROGRAM

1. General Permit Eligibility Checklist:
If you cannot verify all of the following, stop and proceed to the Individual Permit Application.

- [■] The activity does not qualify as an Allowed Use under Section 6 of the Vermont Wetland Rules.
- [■] The activity does not need additional conditions to protect functions and values.
- [■] All impacts have been avoided and minimized to the greatest extent possible.
- [■] The wetland complex is not significant for Function 5.5 Exemplary Wetland Natural Community or 5.6 Rare, Threatened and Endangered Species Habitat, or applicant has received a waiver letter from VT Fish and Wildlife. (attach waiver)
- [■] The activity is not located in or adjacent to a vernal pool, fen, or bog.
- [■] The wetland is not at or above 2,500' in elevation (headwaters wetland).
- [■] The project is not located in a Class I wetland or associated buffer zone.
- [■] The activity is not an as-built project that constitutes a violation of the Vermont Wetland Rules.
- [■] The activity is not associated with an activity which received a Wetland Permit.

2. Project Type *(as described in the General Permit)*

Non-Linear Project

3. Wetland Type Proposed for Impact

_Managed Area _ Surface Water Margin

4. 50ft Wetland Buffer Proposed for Impact

<Choose Primary> <Choose Secondary>

5. **Activity Threshold** *based on the selections above, select the appropriate threshold. If the activity is greater than the thresholds below, stop and proceed to the Individual Permit Application.* eg: Project type is non-linear, wetland and buffer type is managed and natural, and total impacts are 700 sqft → choose option (d) below.

- [■] (a) The total activity impacts proposed are <3,000 square feet of managed wetland or buffer **and** will not exceed 999 square feet of natural wetland or buffer **and** will not exceed 149 square feet of surface water margins.
- [ ] (b) The activity is associated with a linear project **and** total activity impacts proposed are <5,000 square feet of managed wetland or buffer **and** will not exceed 2,999 square feet of natural wetland or buffer **and** will not exceed 149 square feet of surface water margins.

6. Section 8B Specific Activity Best Management Practices *All permittees covered under the VT Wetland General Permit must implement best management practices (BMP) under section V. of the permit. Here, identify if the proposed activity must implement special BMPs in accordance with Section 8B*

- [ ] 8B(a) Placement, relocation, removal, or upgrade of overhead utility lines
- [ ] 8B(b) Installation of underground facilities including utilities, dry hydrants, foundation drains, and wells
- [■] 8B(c) Activities in surface water body margins
- [ ] None Apply

The Secretary may require a person applying for an authorization under a general permit to apply for an individual permit. VWR §9.8. Contact your District Ecologist to verify eligibility before submittal.

Vermont Wetlands Program
Permit Application Database Form
Under Sections 8 and 9
of the Vermont Wetland Rules

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
WETLANDS PROGRAM

Application Submittal Instructions

- If submitting via US post, include a check in the correct fee amount made payable to the "**State of Vermont**," and a CD for applications that contain large files (1 MB or greater).

Mail to: Vermont Wetlands Program
Watershed Management Division
One National Life Drive, Main 2
Montpelier, VT 05620-3522

RECEIVED
6/13/2016
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION

- Applications can also be submitted via email to the following address: anr.wsmdwetlands@vermont.gov
  - If submitting via email, please mail a check in the correct fee amount, made payable to the "**State of Vermont**," and a copy of the Vermont Wetlands Program Application Database Form (this page) to the address provided above. ***It is not necessary to mail in a copy of the complete application.***

Applicant Name: Vermont Fish & Wildlife Department | **Application Preparer Name:** Emily Perkins

Town where project is located: Newport City | **County:** Orleans

Span#: 435-136-15634 | **Vermont Wetlands Project (VWP)# if Known:**

Project Location Description: 619 Coventry Street
911 street address or direction from nearest intersection

Brief Project Summary: Access area improvements, including a new concrete dock anchor (to be constructed along surface body margins) and a new paved ADA-compliant path leading to the new dock.

Application Type: ☐Individual Permit (multiple wetlands) ☐After the Fact Permit ☐Wetland Determination
☐Individual Permit (single wetland) ☒General Permit Coverage Authorization ☐Permit Amendment: VWP Project #_____

Existing Land Use Type(s): *(Check all that apply)* ☐Residential (single family) ☐Residential (subdivision) ☐Undeveloped
☐Agriculture ☐Transportation ☐Forestry ☒Parks/Rec/Trail ☐Institutional ☐Industrial/Commercial

Proposed Land Use Type(s): *(Check all that apply)* ☐Residential (single family) ☐Residential (subdivision) ☐Undeveloped
☐Agriculture ☐Transportation ☐Forestry ☒Parks/Rec/Trail ☐Institutional ☐Industrial/Commercial

Proposed Impact Type(s): *(Check all that apply)* ☐Buildings ☐Utilities ☐Parking ☐Septic/Well ☐Stormwater
☐Driveway ☒Park/Path ☐Agriculture ☐Pond ☐Lawn ☐Dry Hydrant ☐Beaver Dam Alteration ☐Silviculture
☐Road ☐Aesthetics ☐No Impact ☒Other: Dock Anchor

Wetland and Buffer Impact Type: *(Check all that apply)* ☐ Dredge ☐Drain ☐Cut Vegetation ☐Stormwater
☒Trench/Fill ☐Other:_____

Wetland Delineation Date(s): N/A

Wetland Improvements		Buffer Zone Improvements		Reason for Improvements
Restoration:	s.f.	Restoration:	s.f.	☐Correction of Violation
Creation:	s.f.	Creation:	s.f.	☐To offset permit impacts
Enhancement:	s.f.	Enhancement:	s.f.	☐Voluntary
Conservation:	s.f.	Conservation:	s.f.	

Wetland Impact Fee Calculations: *Round to the nearest square foot. Fees will auto-calculate.*

Total Wetland Impact (minus linear clear, including ATF)	100 square feet (s.f.)	Wetland Impact Fee:($0.75/sf)	$ 75.00
Total Wetland Clearing (qualified linear projects only)	square feet (s.f.)	Wetland Clearing Fee:($0.25/sf)	$ 0.00
After The Fact Wetland Impact (to correct a violation)	square feet (s.f.)	After the Fact Wetland Fee: (0.75/sf) *(Required for after the fact permit applications)*	$ 0.00

Total Buffer Zone Impacts and Calculations: *Round to the nearest square foot*

Total Buffer Zone Impact	square feet (s.f.)	Buffer Impact Fee: ($0.25/sf)	$ 0.00

Additional Fees

	Agricultural Crop Conversion *Check here:* ☐ *(Flat fee of $200.00)*	$ 0.00
	Minimum Application Fee: ($50.00) *Required when total impact fee is less than $50.00*	$ 0.00
	Administrative Fee:	$ 240.00
Make Checks Payable to: State of Vermont	Total Check Amount:	$ 315.00

Application for Authorization Under the Vermont General Wetland Permit and Determination Petition

Under Sections 8 and 9
of the Vermont Wetland Rules

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
WETLANDS PROGRAM

Applicant Information: *If the applicant is someone other than the landowner, the landowner information must be included below*			
Applicant Name: Vermont Fish & Wildlife Department			
Address: 1 National Life Drive, Davis 2	City/Town: Montpelier	State VT	Zip: 05620
Phone Number: 802-828-1000	Email Address: Mike.Wichrowski@vermont.gov		

Applicant Certification:
By signing this application you are certifying that all of the information contained within is true, accurate, and complete to the best of your knowledge. Original signature is required.

Applicant Signature: _____ Date: 6/8/16

Landowner Information: *Landowner must sign the application. If landowner is different from the applicant this section must be filled out*			
☒ **Check this box if landowner is the same as the applicant**			
Landowner Name:			
Address:	City/Town	State:	Zip:
Phone Number:	Email Address:		

Landowner Easement: *Attach copies of any easements, agreements, or other documents conveying permission, and agreement with the landowner stating who will be responsible for meeting the terms and conditions of the permit.* ***List the attachment for this information in this section. Describe the nature of the agreement or easement in the space provided below:***

Landowner Certification:
By signing this application you are certifying that all the information contained within is true, accurate, and complete to the best of your knowledge. Original signature is required.

Landowner Signature: _____ Date: _____

Application Preparer Information: *Consultant, engineer, or other representative that is responsible for filling out the application, if other than the applicant or landowner.*			
Application Preparer Name: Emily Perkins			
Address: 1 National Life Drive, 1 Main	City/Town Montpelier	State: VT	Zip: 05620
Phone Number: 802-477-2675	Email Address: Emily.Perkins@vermont.gov		

Application Preparer Certification:
By signing this application you are certifying that all of the information contained within is true, accurate, and complete to the best of your knowledge. Original signature is required.

Application Preparer Signature: Emily Perkins Digitally signed by Emily Perkins Date: 2016.06.03 10:37:14 -04'00' Date: _____

Handwritten signatures are also accepted.

1. Location of wetland and project: *(Individual Permit Application [IPA] Section 1)*
Location description should include the road the wetland is located on, the compass direction of the wetland in relation to the road, 911 street address if available, and any other distinguishing features.

Wetland located along shore of Lake Memphremagog, at 619 Coventry Street, roughly 100' south of Coventry Street.

2. Program Contact: *(IPA Section2)*
Indicate here if you have been in contact with the Wetlands Program before the application submittal.

2.1 Date of Interaction with State Wetland Ecologist	2.2. State Wetland Ecologist Name
May 17-May 23, 2016	Shannon Morrison

3. Wetland Classification: *(IPA Section 3)*

3.1. The wetland is a class II wetland because: *(IPA Section 3.1)*

The wetland is contiguous to a VSWI mapped wetland

3.2. Section 4.6 Presumption *(IPA Section 3.2)*
If the wetland meets the Section 4.6 Presumption, it does so because:

<Choose One>

<Choose One>

<Choose One>

4. Description of Entire Wetland: *(IPA Section 4)*
Answer the following questions regarding the entire wetland, which includes all wetland areas connected to the wetland area proposed for impact. Answers may be estimates based on desktop review when wetland extends past the investigation area (parcel boundary). Specific questions about the wetland in the project area will follow.

4.1. Size of Complex in Acres: *(IPA Section 4.1)*
The size of the complex can be obtained from the Wetland Inventory Map for mapped wetlands, or best estimation based on review of aerial photography or site visit. This is not the size of the of the delineated wetland on the subject property unless the entirety of the wetland is represented in the delineation.

~640 acres

4.2. Vegetation Cover Types Present: *(IPA Section 4.2)*
List all wetland types in the entire wetland and their percent cover.
***For example:** 50 acres of softwood forested swamp; or 30% scrub swamp, 70% emergent wetland*

Red maple-northern white cedar swamps, sweet gale-buttonbush shrub swamps, riverine floodplain forests, sedge meadows, cattail marshes

4.3. Pre-project Cumulative Impacts to the Wetland: *(IPA Section 4.7)*
Identify any cumulative ongoing impacts outside of the proposed project that may influence the wetland.
***Examples include but are not limited to:** Wetland encroachments on and off the subject property, land use management in or surrounding the wetland, or development that influences hydrology or water quality. List any past Vermont Wetland Permits or CUD's related to this property.*

The majority (if not all) of the wetland is managed as part of the South Bay Wildlife Management Area

5. Context of Subject Wetland: *(IPA Section 5.1)*
Describe where the subject wetland is in the context of the larger wetland or wetland complex described above.
***For example:** Upslope/downslope, narrow eastern "finger", 400 ft. from open water portion.*

Northeast corner

6. Subject Wetland Vegetation: *(IPA Section 5.3)*
List dominant wetland vegetation cover type and associated dominant plant species. For example: emergent marsh with cattails; forested swamp dominated by red maple and yellow birch; shrub swamp dominated by speckled alder and peat moss; wet meadow dominated by reed canary grass.

Emergent marsh with cattails

7. Buffer Zone: *(IPA Section 5.6)*
Describe the buffer zone of the subject wetland

7.1 Buffer Land Use: *(IP Section 5.6.1)*
For example: *Mowed shoulder, forested, old field, paved road, and residential lawns, etc.*
Describe any previous and ongoing disturbance in the buffer zone.

Mowed shoulder, residential lawns, paved road

8. Wetland Function Summary: *(IPA Section 6)*
Check which functions are present in the wetland complex

☐ Flood/Storm Storage	☐ RTE Species
☐ Surface & Groundwater Protection	☒ Education & Research
☒ Fish Habitat	☐ Recreation/Economic
☒ Wildlife Habitat	☐ Open Space/Aesthetics
☐ Exemplary Natural Community	☐ Erosion Control

9. Overall Project Description: *(IPA Section 17)*

9.1. Overall Project Purpose: *(IPA Section 17.1)*
Description of the basic project.
For example: *six-lot residential subdivision; expansion of an existing commercial building, building a single family residence.*

Improved boat ramp access area; construction of a new dock anchor (to take place in wetland), as well as a new ADA-compliant pathway leading from parking area to dock.

10. Project Details: *(IPA Section 18)*
Provide details regarding specific impacts to the wetland and buffer zone.

10.1. Specific Impacts to Wetland and Buffer Zone Dimensions: *(IPA Section 18.1)*
List portions of the project that will specifically impact the wetland or buffer zone and their dimensions.
For example: *driveway crossing with 16' wide fill, installation of buried sewer force main with 5' trench Including fill footprint.*

Construction of a new reinforced concrete dock anchor. Anchor is 6' by 6' by 3' (L x W x D) with a 8' by 8' by 1' anchor footing (see plans). At a maximum, trench for anchor construction will be 10' by 10' by 4' deep.

10.2. Bridges and Culverts: *(IPA Section 18.2)*
Culvert circumference, length, placement and shapes, or bridge details. List any stream alteration permits that are required or obtained where perennial streams or rivers are involved.

11. Wetland and Buffer Zone Impacts: *(IPA Section 19)*

11.1. Wetland Impacts: *(IPA Section 19.1)*
Summarize the square footage of impact in the appropriate category. ***Round to nearest square foot***

Permanent Wetland Fill	64	s.f.
Temporary Wetland Impact	36	s.f.
Other Permanent Wetland Impact ***(this number includes clearing of woody vegetation, dredging, and does not include fill)***		s.f.
Total Wetland Impact:	100	s.f.

Describe in detail the proposed impact to wetlands
For example: *Fill for road crossing, temporary impacts for trench and fill related to utility installation.*

Fill for concrete dock anchor and footing; temporary impacts for trench to be used for placement/construction of anchor and footing.

11.2. Buffer Zone Impacts: *(IPA Section 19.2)*
Summarize the square footage of impact in the appropriate category.

Temporary Buffer Impact		s.f.
Permanent Buffer Impact		s.f.
Total Buffer Impact:	0	s.f.

Describe in detail the proposed impact to buffer zones
For example: Addition of fill along roadway embankment extending into buffer zone.

11.3. Cumulative Impacts: *(IPA Section 19.3)*
List any potential cumulative or ongoing, direct and indirect impacts on the functions of the wetland.
For example: *Increased noise from parking lot, vegetation management, inputs from stormwater pond outlet, reduction in flood storage volume from the addition of fill from the project.*

12. Mitigation Sequence: *(IPA Section 20)*
Please refer to Section 9.5b of the rules on Mitigation Sequencing for this section.

12.1. Avoidance of Wetland Impacts: *(IPA Section 20.1)*

12.1.1. Can the activity be located on another site owned or controlled by the applicant, or reasonably available to satisfy the basic project purpose? If not, indicate why. Cite any alternative sites and explain why they were not chosen.

This particular access area to Lake Memphremagog sees a lot of use, but the current infrastructure is unable to support the popularity of the boat ramp. Adding a dock next to the ramp will improve safety for all users. The ADA-compliant improvements also allow users of all abilities to launch watercraft safely and easily.

12.1.2. Can the proposed activity be practicably located outside the wetland/buffer zone? If not, indicate why. Explain the alternatives you have explored for avoiding the wetland and buffer onsite, And why they are not feasible.

The wetland extends along the lake shore and therefore must be impacted for a new dock anchor. The dock anchor cannot be placed further back from the shore or else the dock would not float or function properly. The least amount of wetland possible will be impacted.

12.2. Avoidance to the Impact to Functions and Values: *(IPA Section 20.2)*

12.2.1. If the proposed activity cannot be practicably located outside the wetland/buffer zone, have all practicable measures been taken to avoid adverse impacts on protected functions?

☒ Yes ☐ No

12.2.2. What design alternatives were examined to avoid impacts to wetland function?
For example: *Use of matting, relocation of footprint, etc.*

No less intrusive, feasible alternative has been identified. Impacts to wetland function will be minimized by trenching as small of an area as possible and installing geotextile filter curtain around the construction area to ensure no sediment enters the wetlands.

12.2.3. What steps have been taken to minimize the size and scope of the project to avoid impacts to wetland functions and values? Include information on project size reduction and relocation.

The wetlands are being disturbed as little as possible. The only disturbance is from the dock anchor, and this is because the dock cannot float or function properly if the anchor is located further from shore. The wetlands extend the length of the parcel. The anchor is proposed to be constructed in that particular location because it needs to be adjacent to the existing boat ramp.

12.2.4. Explain how the proposed project represents the least impact alternative design. Explain why other alternatives, which you described above, were not chosen.

No less intrusive, feasible alternative has been identified. The wetland extends along the lake shore, and therefore must be impacted for a new dock anchor to be constructed. Only the minimal amount of wetland will be disturbed, and a geotextile filter curtain will be installed prior to construction to prevent any turbidity from entering the surrounding wetlands or Lake Memphremagog.

13. Wetland Determination: *(IP Section 21)*
If the application involves a wetland determination please answer the following.

☐ Wetland is mapped or contiguous to the Vermont Significant Wetland Inventory Map
☐ Wetland is not mapped on or contiguous to the Vermont Significant Wetland Inventory Map

13.1. Reason for Petition: *(IP Section 21.1)*
Please choose one from the dropdown menu.

<Choose One>

13.3. Determination Narrative: *(IP Section 21.2)*
Please provide any narrative to support the petition for a wetland determination here, including previous decisions by the Secretary or Water Board. Determinations are made based on an evaluation of the functions and values present. Here add narrative description on the functions listed in section 8 of this application and described in section 5 of the Vermont Wetland Rules. ***For example:*** *Wetland provides water storage and surface water protection because it is large in size, concave, and naturally vegetated.*

14. Supporting Materials: *(IP Section 22)*

*****ADDITIONAL MATERIALS REQUIRED TO CALL APPLICATION COMPLETE***

14.1. **Location Map: *(IP Section 22.1)*
Provide a location map that is 8 ½" x 11" and separate from any site plans.
The Vermont Natural Resources Atlas is appropriate using USGS topography map base layer, roads, and VSWI wetlands.

Date	Title
6/2/16	South Bay - 8x11 Landscape Map.pdf

14.2. **Site Plan(s): *(IP Section 22.2)*
Please list by date, date of last revision, author, and title. Plans must include wetland delineation and buffer zones, limits of disturbance, erosion controls, building envelopes, and any permanent memorialization.

Title	Author	Date	Last Revision Date
South Bay Access Area	James J. Burke/Emily Perkins	3/28/16	4/27/16

14.3. Other Supporting Documents: *(IP Section 22.5)*
Provide any other documentation that supports the application.
Examples include but are not limited to: *Photographs, easements, agreements, restoration/plan, GIS shapefiles, additional ACOE forms.*

Date	Last Revision	Author	Title
10/15/15			IMG_0134.JPG
10/15/15			IMG_0136.JPG

VERMONT

Natural Resources Atlas

Vermont Agency of Natural Resources

vermont.gov

LEGEND

Wetlands - VSWI

- Class 1 Wetland
- Class 2 Wetland

Roads

- Principal Arterial
- Minor Arterial
- Rural Major Collector
- Rural Minor Collector
- Urban Collector
- Local
- Not part of the Functional Classifica

Town Boundary

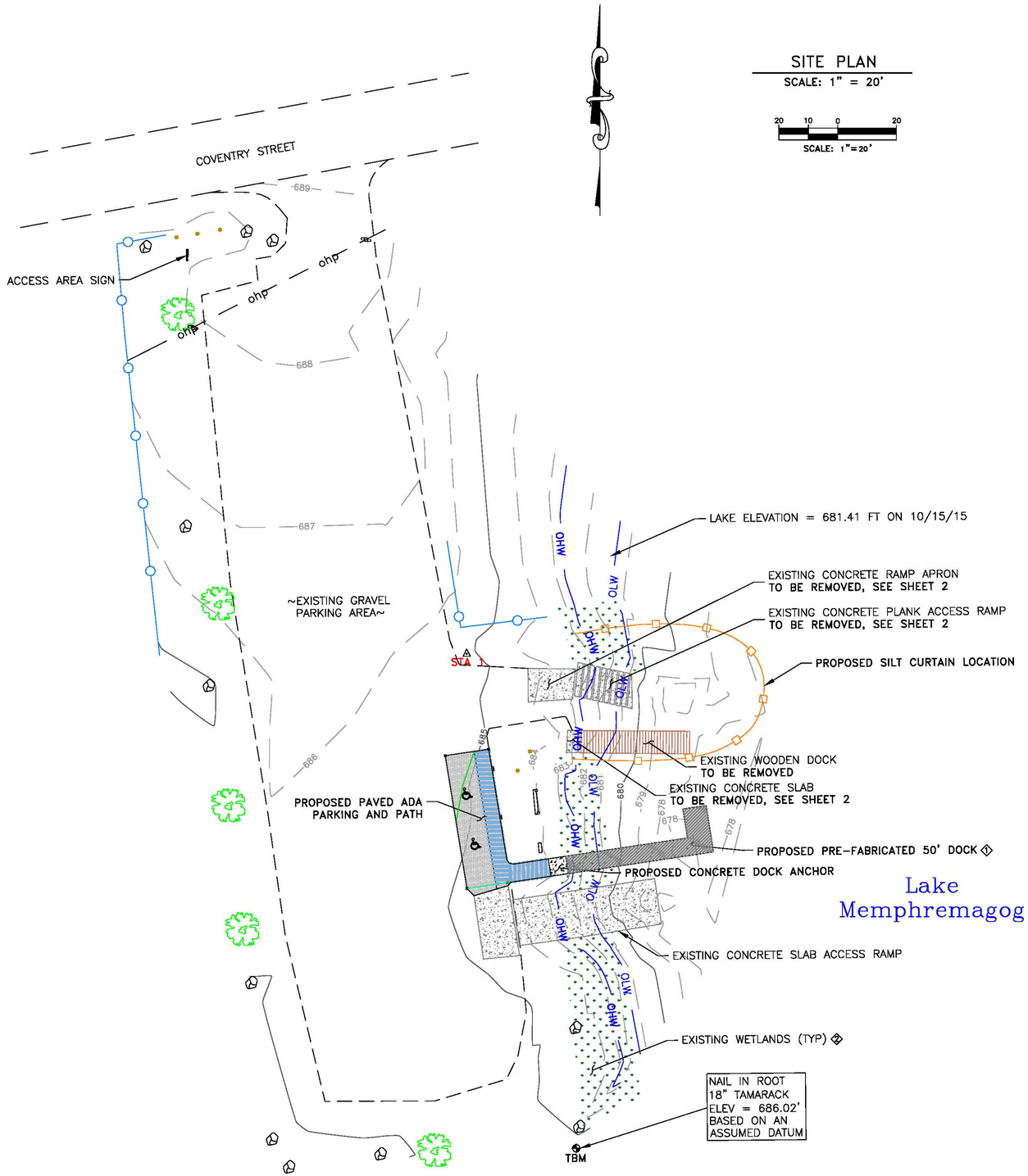
NOTES

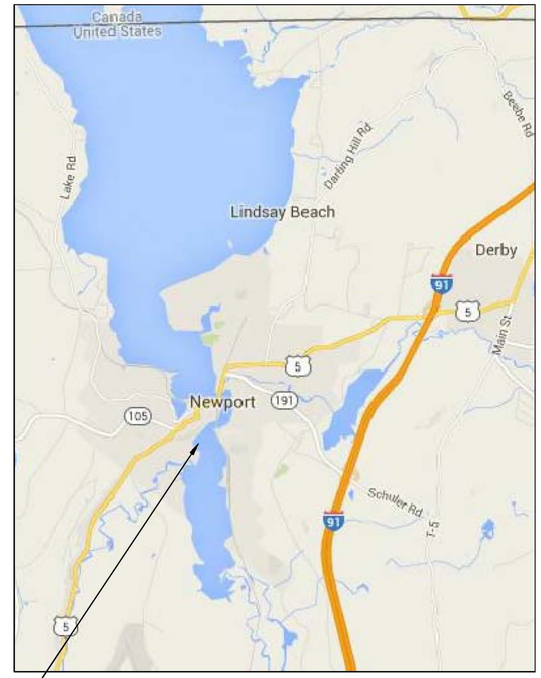
Map created using ANR's Natural Resources Atlas

508.0 0 254.00 508.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 833 Ft. 1cm = 100 Meters

THIS MAP IS NOT TO BE USED FOR NAVIGATION





SOUTH BAY ACCESS AREA ON LAKE MEMPHREMAGOG IN NEWPORT, VT. MAP NOT TO SCALE.

PROJECT LOCATION: THIS PROJECT IS LOCATED AT THE SOUTH BAY ACCESS AREA, ON LAKE MEMPHREMAGOG IN NEWPORT, VERMONT. FROM I-91 NORTH, TAKE EXIT 27 TO VT-191 NORTH FOR 2.2 MILES. TURN LEFT ONTO US-5 SOUTH AND DRIVE FOR 0.5 MILES BEFORE TURNING LEFT ON COVENTRY STREET. FOLLOW COVENTRY STREET FOR 0.6 MILES AND THE ACCESS AREA WILL BE ON THE LEFT.

PROJECT DESCRIPTION: REMOVAL OF EXISTING CONCRETE PLANK ACCESS RAMP, WOODEN DOCK, AND TWO CONCRETE SLABS; INSTALLATION OF A SILT CURTAIN TO FILL IN EXISTING PROP WASH; INSTALLATION OF A 6'X6' CONCRETE DOCK ANCHOR (DOCK TO BE INSTALLED BY OTHERS). ALSO INCLUDED IS THE CREATION OF A PAVED ADA PARKING AREA AND DOCK ACCESS RAMP, AS WELL AS ANY APPURTENANCES NECESSARY TO COMPLETE THE PROJECT.

LEGEND – EXISTING

- 99 — CONTOUR – 1 FT INTERVAL
- 100 — CONTOUR – 5 FT INTERVAL
- EDGE OF ROAD
- FENCE LINE
- SILT CURTAIN
- ohp — OVERHEAD POWER LINE
- OHW — ORDINARY HIGH WATER (682.7')
- OLW — ORDINARY LOW WATER (681.3')
- WOODEN BOLLARD
- EXISTING TREE
- SURVEY STATION
- TEMPORARY BENCH MARK
- LARGE SURFACE ROCK
- WETLANDS

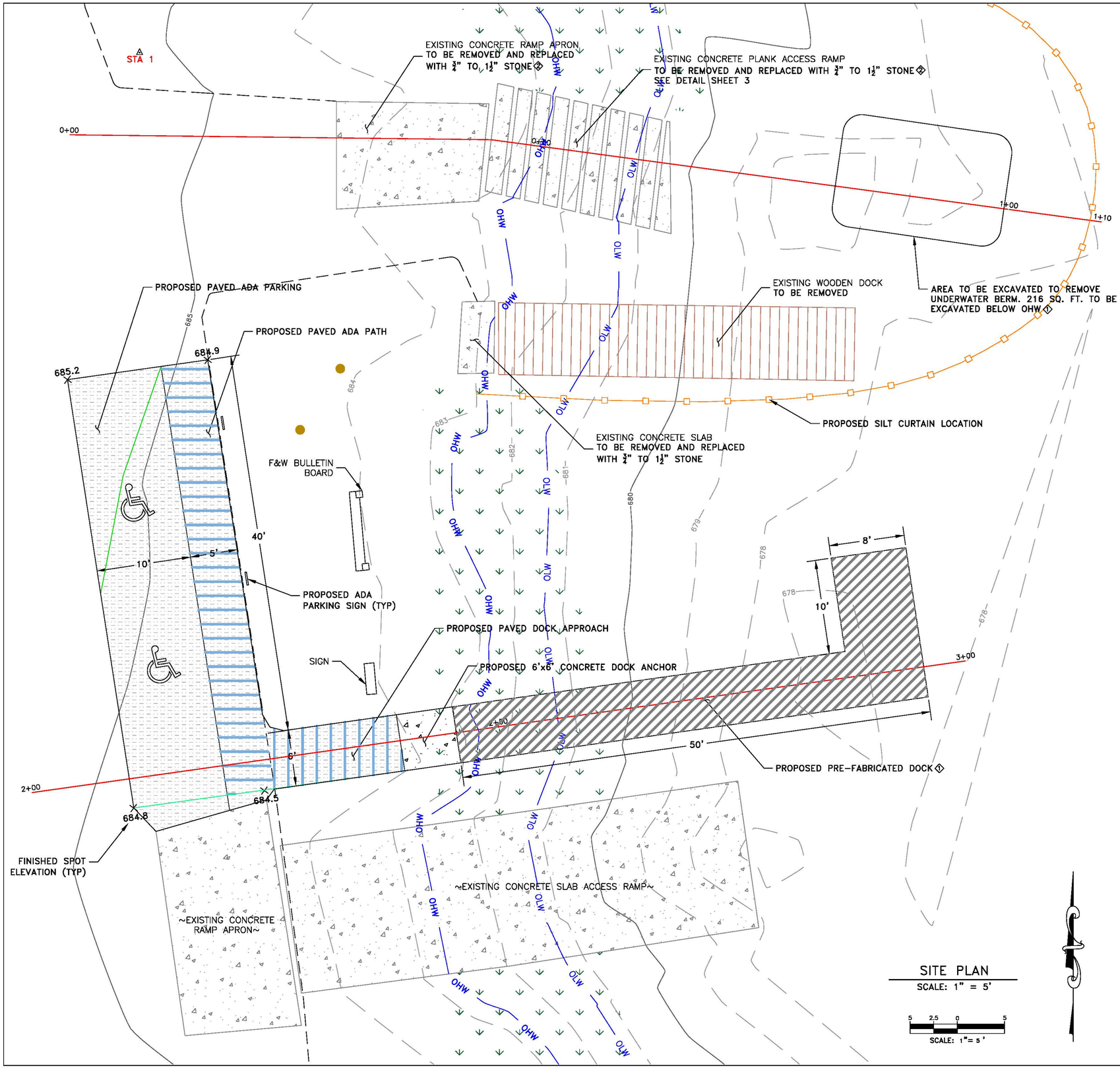
STATE OF VERMONT
JAMES J. BURKE
No. 5929
REGISTERED PROFESSIONAL ENGINEER
3/28/2016

STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FACILITIES ENGINEERING DIVISION
MONTPELIER, VERMONT 05620-3510

REVISIONS		
◇		
◇		
◇		
◇		
②	4/27 ADDED WETLANDS	
①	6/6 ADDED DOCK	

DEPARTMENT: FISH & WILDLIFE
PROJECT: SOUTH BAY ACCESS AREA
ACCESS RAMP IMPROVEMENTS
SITE PLAN
LOCATION: NEWPORT, VERMONT

DESIGNED: JJB
DRAWN: EGP
CHECKED: JJB
SHEET: 1 of 4
DATE: 3/28/16
SCALE: AS NOTED



SITE PLAN
SCALE: 1" = 5'

5 2.5 0 5
SCALE: 1"= 5'

GENERAL CONSTRUCTION NOTES:

1. A MINIMUM OF FIVE WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE ENGINEER TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION CONFERENCE.

2. THE ENGINEER SHALL PROVIDE THE INITIAL CONSTRUCTION STAKE OUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SUBSEQUENT STAKE OUT NECESSARY. ALL WORK SHALL BE STAKED OUT WITH AN ACCURATE BUILDER'S LEVEL OR MORE PRECISE SURVEYING INSTRUMENT. THE CONTRACTOR SHALL HAVE A PERSON ON THE JOB EXPERIENCED IN SURVEY WORK TO PROVIDE STAKE OUT.

3. ALL WORK SHALL BE IN CONFORMANCE WITH THE VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL ON CONSTRUCTION SITES. THESE STANDARDS AND SPECIFICATIONS SHALL APPLY WHETHER THE PROJECT REQUIRES A PERMIT FROM THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION OR NOT.

4. ALL WORK SHALL BE IN CONFORMANCE WITH THE VERMONT STORMWATER MANAGEMENT MANUAL VOLUME I – STORMWATER TREATMENT STANDARDS AND VOLUME II – TECHNICAL GUIDANCE.

5. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AFFECTED BY THIS JOB TO PRIOR TO CONSTRUCTION CONDITIONS OR BETTER. THIS SHALL INCLUDE ANY STAGING AREAS USED ON THE PROPERTY.

6. TURF ESTABLISHMENT MEASURES SHALL BE PERFORMED ON ALL AREAS WHERE THE VEGETATIVE COVER HAS BEEN DISTURBED WITHIN SEVEN DAYS OF COMPLETION OF WORK IN THAT AREA.

7. NO FILL SHALL BE PLACED ON EXISTING TURF. ALL EXISTING TURF IN AREAS TO BE CUT, FILLED OR REGRADED SHALL BE STOCKPILED ON SITE AS SHOWN ON THE PLANS.

8. THE CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO COMMENCING ANY EARTHWORK.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL UTILITIES. ANY DISTURBED UTILITIES SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR TO COMPLETE THE PROPOSED ACCESS AREA IMPROVEMENTS AS SHOWN ON THE PLANS, AS DIRECTED IN THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

11. THE FINISH GRADE SHALL SLOPE TO DRAIN.

12. ANY EXCESS SOILS SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT AN UPLANDS, NON-WETLAND SITE MEETING THE REQUIREMENTS OF THE VERMONT ENVIRONMENTAL PROTECTION RULES. ◇

13. ALL CONCRETE TO BE REMOVED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR IN CONFORMANCE WITH ALL APPLICABLE VERMONT ENVIRONMENTAL PROTECTION RULES.

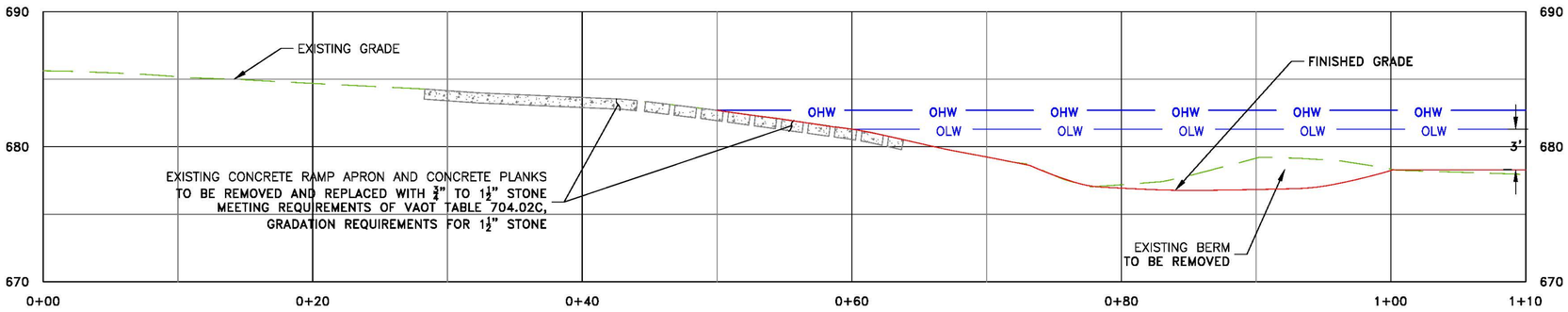
14. THE EXISTING WOODEN DOCK TO BE REMOVED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR IN CONFORMANCE WITH ALL APPLICABLE VERMONT ENVIRONMENTAL PROTECTION RULES.

15. WETLANDS SHALL BE DISTURBED AS LITTLE AS POSSIBLE. EQUIPMENT SHALL AVOID THESE AREAS TO THE MAXIMUM EXTENT PRACTICAL, AND NO MATERIALS ARE TO BE STOCKPILED IN WETLAND LOCATIONS. ANY WETLAND AREAS TEMPORARILY DISTURBED FOR DOCK ANCHOR INSTALLATION SHALL BE RETURNED TO PREEXISTING GRADES AND CONDITIONS IN CONFORMANCE WITH CONDITION 18 OF THE USACE VERMONT GENERAL PERMIT. ◇

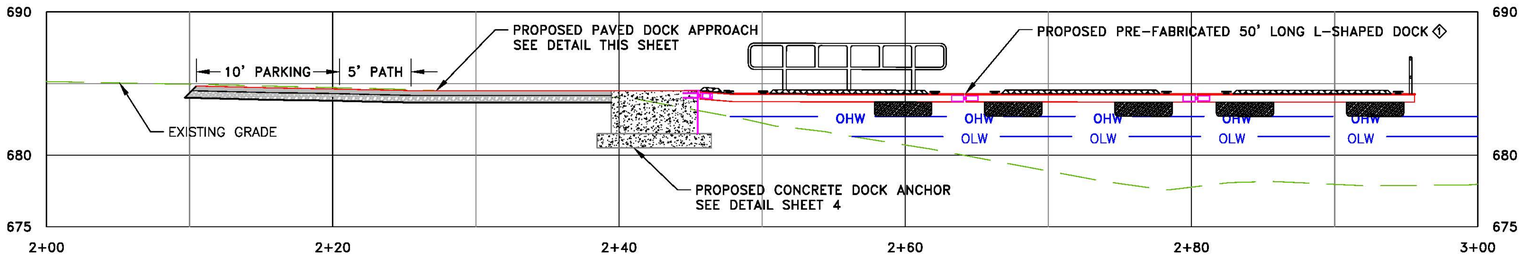
STATE OF VERMONT JAMES J. BURKE No. 5929 REGISTERED PROFESSIONAL ENGINEER
3/28/2016

STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FACILITIES ENGINEERING DIVISION
MONTPELIER, VERMONT 05620-3510

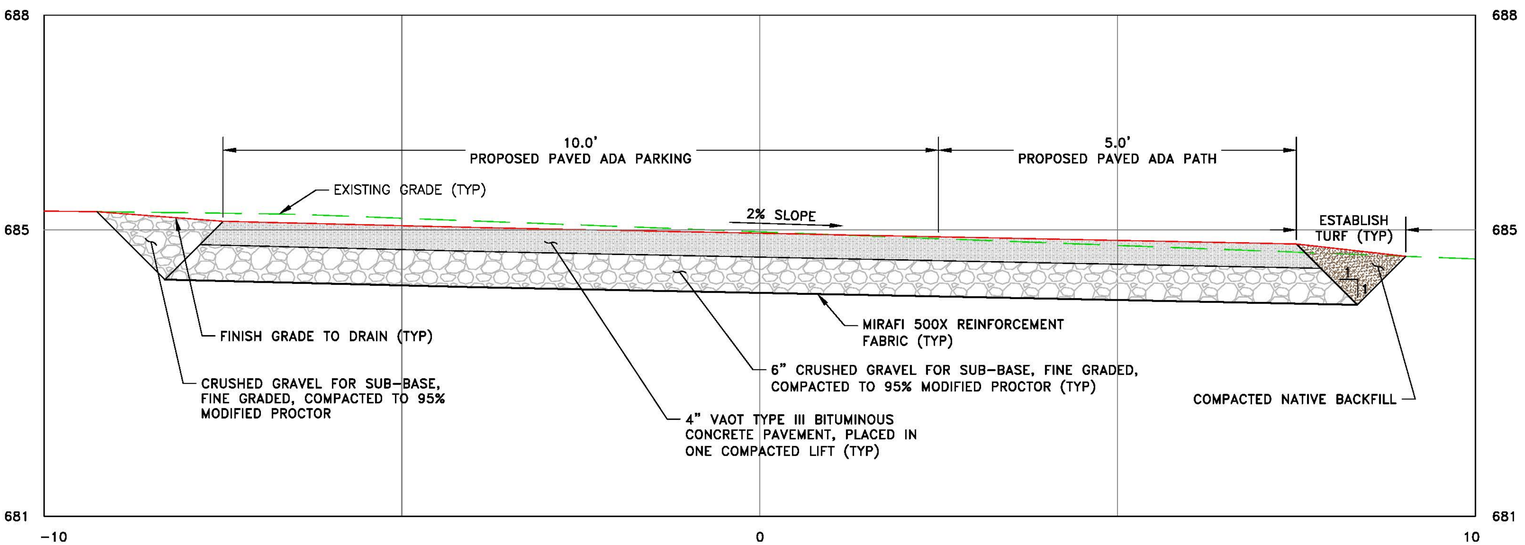
REVISIONS		DEPARTMENT	DESIGNED
◇		FISH & WILDLIFE	JJB
◇		PROJECT	DRAWN
◇		SOUTH BAY ACCESS AREA ACCESS RAMP IMPROVEMENTS SITE PLAN DETAIL AND NOTES	EGP
			CHECKED
			JJB
◇2	4/27 ADDED WETLANDS & NOTE		SHEET 2 of 4
◇3	4/6 EDITED NOTES		DATE 3/28/16
◇1	4/5 ADDED DOCK & BERM DETAIL	LOCATION NEWPORT, VERMONT	SCALE AS NOTED



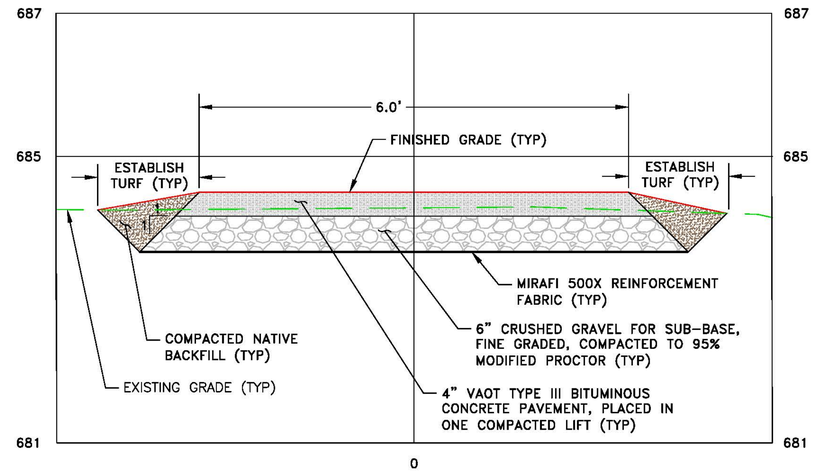
PROFILE STA 0+00 TO 1+10
SCALE 1" = 5'



PROFILE STA 2+00 TO 3+00
SCALE 1" = 5'



TYPICAL PAVED PARKING AREA CROSS SECTION
SCALE 1" = 1'



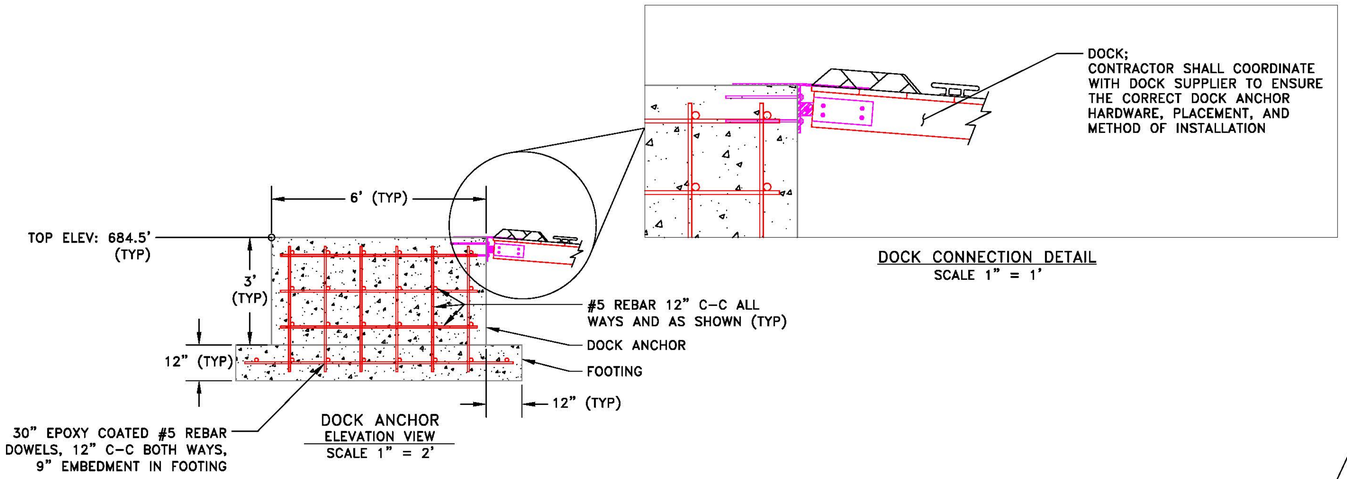
TYPICAL DOCK APPROACH CROSS SECTION
SCALE 1" = 1'

NOTE: THE CONTRACTOR SHALL ESTABLISH TURF ON SIDE SLOPES IN ACCORDANCE WITH THE DETAIL ON SHEET 4

STATE OF VERMONT
JAMES J. BURKE
No. 5929
REGISTERED PROFESSIONAL ENGINEER
3/28/2016

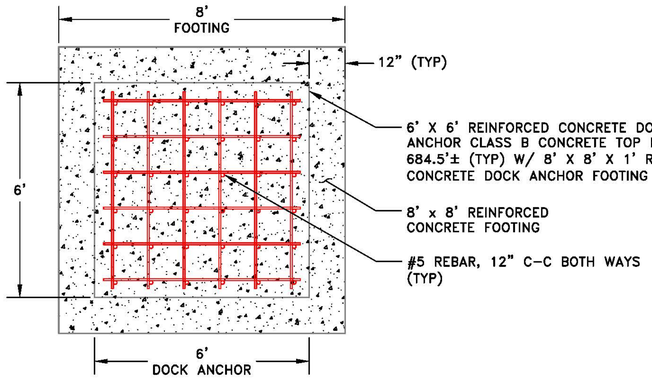
STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FACILITIES ENGINEERING DIVISION
MONTPELIER, VERMONT 05620-3510

REVISIONS		
◇	DEPARTMENT: FISH & WILDLIFE	DESIGNED: JJB
◇	PROJECT: SOUTH BAY ACCESS AREA ACCESS RAMP IMPROVEMENTS PROFILES AND TYPICAL CROSS SECTIONS	DRAWN: EGP
◇		CHECKED: JJB
◇		SHEET: 3 of 4
◇		DATE: 3/28/16
◊1 4/5 ADDED DOCK	LOCATION: NEWPORT, VERMONT	SCALE: AS NOTED

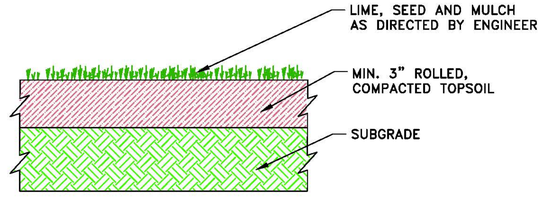


DOCK CONNECTION DETAIL
SCALE 1" = 1'

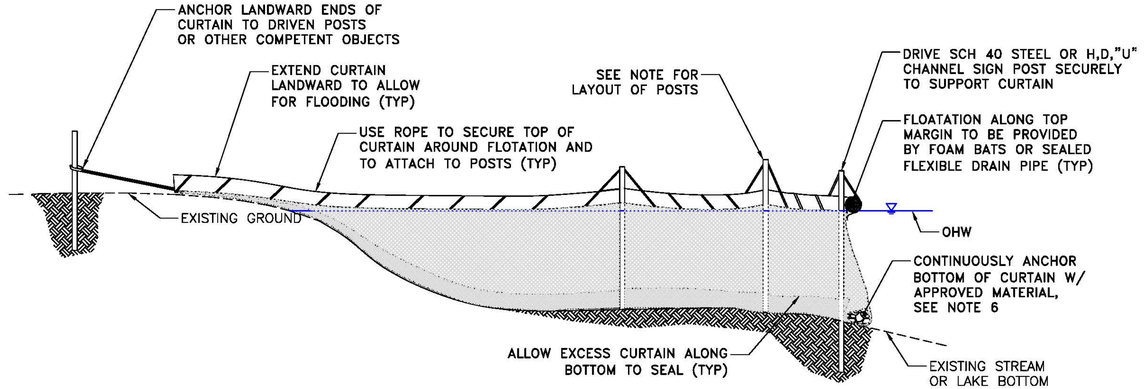
DOCK ANCHOR
ELEVATION VIEW
SCALE 1" = 2'



DOCK ANCHOR
PLAN VIEW
SCALE 1" = 2'



TURF ESTABLISHMENT
CROSS SECTION
NOT TO SCALE



SILT CURTAIN DETAIL
NOT TO SCALE

NOTES:
1. SILT CURTAIN SHALL BE CONSTRUCTED AND COMPLETELY INSTALLED PRIOR TO STARTING ANY FILL OR EXCAVATION WORK IN THE WATER.

2. PLACEMENT OF FILTER CURTAIN SHALL ALLOW A MINIMUM OF 10 FEET BETWEEN LIMIT OF EXCAVATION AND CURTAIN TO PREVENT DISTURBANCE OF CURTAIN DURING WORK.

3. PRIOR TO WORK IN THE WATER, THE FILTER CURTAIN SHALL BE INSPECTED AND APPROVED BY THE ENGINEER. FILTER FABRIC SHALL BE MIRAFI 140 N OR APPROVED EQUAL.

4. WHEN JOINING TWO PIECES OF FILTER FABRIC, OVERLAP SHALL BE AT LEAST 6 FEET. METHOD OF SPLICING SHALL BE HAND STITCHING, DOUBLE ROW, OR APPROVED EQUAL.

5. CONTINUOUS FLOATATION ALONG THE TOP MARGIN SHALL BE PROVIDIED BY CLOSED CELL FOAM BATS OR FLEXIBLE CORRUGATED DRAIN PIPE SEALED AIRTIGHT, SIZED TO ACCOUNT FOR WAVE AND OR CURRENT ACTION.

6. CONTINUOUS SEALING ALONG THE BOTTOM MARGIN SHALL BE ACHIEVED BY LEAVING EXCESS FABRIC TO BE ANCHORED WITH CHAIN, CONCRETE BLOCKS, BRICKS, STEEL ROD, CABLE AND NATIVE MATERIAL, AS SHOWN IN THE DRAWING. ALL NON-NATIVE MATERIALS USED FOR ANCHORING SHALL BE COMPLETELY REMOVED AFTER COMPLETION OF THE WORK.

7. THE SPACING OF STEEL POSTS SHALL PROVIDE ADDITIONAL VERTICAL AND HORIZONTAL SUPPORT TO THE CURTAIN TO ACCOMODATE FOR THE FORCES OF WIND, WAVE AND CURRENT.

8. AFTER COMPLETION OF THE WORK IN THE WATER, THE FILTER CURTAIN SHALL REMAIN IN PLACE UNTIL TURBIDITY INSIDE THE CURTAIN IS EQUAL TO THAT OUTSIDE.

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REVISIONS		DESIGNED
	DEPARTMENT: FISH & WILDLIFE	JJB
	PROJECT: SOUTH BAY ACCESS AREA ACCESS RAMP IMPROVEMENTS	DRAWN: EGP
	DOCK DETAIL	CHECKED: JJB
	EROSION CONTROL DETAILS	SHEET: 4 of 4
		DATE: 3/28/16
	LOCATION: NEWPORT, VERMONT	SCALE: AS NOTED