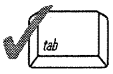
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

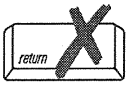
WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
and the Chilmark Wetland Bylaw

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Chilmark
City/Town

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

Squibnocket Farm Road & Squibnocket Road — a. Street Address
Chilmark — b. City/Town
02535 — c. Zip Code

Latitude and Longitude:
d. Latitude
e. Longitude

35 — f. Assessors Map/Plat Number
1.30, 17.2, 17.3, 17.4, 20, 21, 22 & 23 — g. Parcel /Lot Number

2. Applicant:

Town of Chilmark — a. First Name
b. Last Name
c. Organization
c/o Vineyard Land Surveying & Engineering, Inc. PO Box 421 — d. Street Address
West Tisbury — e. City/Town
MA — f. State
02575 — g. Zip Code
508-693-3774 — h. Phone Number
i. Fax Number
vlsi@comcast.net — j. Email Address

3. Property owner (required if different from applicant): ☒ Check if more than one owner

See attached owner list — a. First Name
b. Last Name
c. Organization
c/o Vineyard Land Surveying & Engineering, Inc. PO Box 421 — d. Street Address
West Tisbury — e. City/Town
MA — f. State
02575 — g. Zip Code
508-693-3774 — h. Phone Number
i. Fax Number
vlsi@comcast.net — j. Email address

4. Representative (if any):

Reid G. — a. First Name
Silva, PE/PLS — b. Last Name
c/o Vineyard Land Surveying & Engineering, Inc. — c. Company
PO Box 421 — d. Street Address
West Tisbury — e. City/Town
MA — f. State
02575 — g. Zip Code
508-693-3774 — h. Phone Number
i. Fax Number
vlsi@comcast.net — j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

exempt — a. Total Fee Paid
exempt — b. State Fee Paid
exempt — c. City/Town Fee Paid

A. General Information (continued)

6. General Project Description:

To remove/relocate an existing municipal parking lot. Remove an existing revetment and roadway. Restore disturbed areas to natural beach and dune conditions.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

1. ☐ Single Family Home
2. ☐ Residential Subdivision
3. ☐ Commercial/Industrial
4. ☐ Dock/Pier
5. ☐ Utilities
6. ☐ Coastal engineering Structure
7. ☐ Agriculture (e.g., cranberries, forestry)
8. ☒ Transportation
9. ☐ Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No

If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County	b. Certificate # (if registered land)
Dukes	
c. Book	d. Page Number
691	254

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☒ Bordering Vegetated Wetland	1190 1. square feet	1250 2. square feet
c. ☐ Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. ☐ Riverfront Area	1. Name of Waterway (if available) - **specify coastal or inland**	

2. Width of Riverfront Area (check one):

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No

3. ☒ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☒ Coastal Dunes	15850 1. square feet	3500 2. cubic yards dune nourishment

	Size of Proposed Alteration	Proposed Replacement (if any)
f. ☒ Coastal Banks	**8600** 1. linear feet	
g. ☐ Rocky Intertidal Shores	1. square feet	
h. ☐ Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. ☐ Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. ☐ Land Containing Shellfish	1. square feet	
k. ☐ Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. ☒ Land Subject to Coastal Storm Flowage	43,910 1. square feet	

4. ☐ Restoration/Enhancement
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

   a. ☒ Yes ☐ No

   If yes, include proof of mailing or hand delivery of NOI to:

   Natural Heritage and Endangered Species Program
   Division of Fisheries and Wildlife
   1 Rabbit Hill Road
   Westborough, MA 01581

   October 1, 2008
   b. Date of map

   If *yes*, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.1.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

   c. Submit Supplemental Information for Endangered Species Review*

      1. ☒ Percentage/acreage of property to be altered:

         (a) within wetland Resource Area — 1.00 Acre (percentage/acreage)

         (b) outside Resource Area — 0.26 Acres (percentage/acreage)

      2. ☒ Assessor's Map or right-of-way plan of site

2. ☒ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

   (a) ☒ Project description (including description of impacts outside of wetland resource area & buffer zone)

   (b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.

C. Other Applicable Standards and Requirements (cont'd)

(c) ☒ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and ***mail to NHESP*** at above address

*Projects altering **10 or more acres** of land, also submit:*

(d) ☐ Vegetation cover type map of site

(e) ☐ Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☒ Separate MESA review ongoing. 08-25315 (a. NHESP Tracking #) June 2015 (b. Date submitted to NHESP)

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. ☐ Not applicable – project is in inland resource area only b. ☐ Yes ☒ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

a. ☒ Yes ☐ No

7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. ☒ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)

2. ☒ A portion of the site constitutes redevelopment

3. ☐ Proprietary BMPs are included in the Stormwater Management System.

b. ☐ No. Check why the project is exempt:

1. ☐ Single-family house

2. ☐ Emergency road repair

3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)

2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Parking and Restoration Plan Chilmark, Mass. prepared for the Town of Chilmark
a. Plan Title

Vineyard Land Surveying & Engineering, Inc
b. Prepared By

c. Signed and Stamped by

December 17, 2015
d. Final Revision Date

1"=30'
e. Scale

f. Additional Plan or Document Title

g. Date

5. ☒ If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. ☒ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. ☒ Attach NOI Wetland Fee Transmittal Form

9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☒ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

Vineyard Land Surveying & Engineering, Inc.
6. Payor name on check: First Name

7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date
5. Signature of Representative (if any) (AGENT)	6. Date 12/17/2015

For Conservation Commission:
Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:
One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

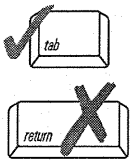
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Applicant Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Location of Project:

Squibnocket Farm Road & Squibnocket Road	Chilmark
a. Street Address	b. City/Town
exempt	
c. Check number	d. Fee amount

2. Applicant Mailing Address:

Town of Chilmark			
a. First Name		b. Last Name	
c/o Vineyard Land Surveying & Engineering , Inc.			
c. Organization			
PO Box 421			
d. Mailing Address			
West Tisbury		MA	02575
e. City/Town		f. State	g. Zip Code
508-693-3774		vlsi@comcast.net	
h. Phone Number	i. Fax Number	j. Email Address	

3. Property Owner (if different):

a. First Name		b. Last Name	
c. Organization			
d. Mailing Address			
e. City/Town		f. State	g. Zip Code
h. Phone Number	i. Fax Number	j. Email Address	

B. Fees

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract $12.50. To calculate the city/town share of the fee, divide the total fee in half and add $12.50.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
exempt			0

Step 5/Total Project Fee: $110.00

Step 6/Fee Payments:

Total Project Fee: 0
a. Total Fee from Step 5

State share of filing Fee: 0
b. 1/2 Total Fee **less** $12.50

City/Town share of filling Fee: 0
c. 1/2 Total Fee **plus** $12.50

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Plan and Materials List

for

The Town of Chilmark

1. Notice of Intent
2. Transmittal Fee Form
3. Plan and Materials List
4. Project Summary
5. Project Narrative
6. Parking and Restoration Plan Chilmark, Prepared for The Town of Chilmark, By Vineyard Land Surveying & Engineering, Inc., December 17, 2015, 2015, Scale 1 inch = 30 feet, (2 sheet)
7. Stormwater Checklist
8. Stormwater Report
9. Abutter Letter dated December 8, 2015
10. Abutter List
11. Town of Chilmark Assessor Map
12. USGS topo map
13. Letter from NHESP
14. Property Owner List

Vineyard Land Surveying & Engineering, Inc.

PO Box 421 West Tisbury, MA 02575-0421

Glenn F. Provost
Professional Land Surveyor

Reid G. Silva
Professional Engineer
Professional Land Surveyor

William M. Austin
Professional Land Surveyor

(t) 508-693-3774 e-mail info@vlse.net (f) 508-693-8575

December 17, 2015

Chilmark Conservation Commission
P.O. Box 119
Chilmark, MA 02535

Department of Environmental Protection
Southeast Region
20 Riverside Drive
Lakeville, MA 02347

RE: Squibnocket Beach Parking Lot, Chilmark

Project Summary

Demolition:
Remove approx. 14,250 SF of "soil cement" parking surface within barrier beach resource area.
Remove approx. 2,000 cubic yards of fill material from barrier beach area.
Remove approx. 470 linear feet of stone revetment adjacent to coastal beach and dune.

Restoration:
Import approx. 3500 cubic yards of beach/dune nourishment sand.
Grade and construct dune.
Plant beach grass on lee side of dune for stabilization and dune restoration

Construction:
Construct 45 space parking area with (2) handicap accessible spaces and bus drop-off/turn-around area.
Install stormwater drainage system to accommodate new parking area.
Replicate displaced wetland area.

Town of Chilmark, Squibnocket Beach Restoration and new Parking Project Narrative.

June 8, 2015

Project Narrative:

Squibnocket Beach is used as a town beach for Chilmark residents and guests. A lease agreement was granted to the town in 1956 allowing use of the beach and adjacent parking area. The beach is a located on the southwest corner of Martha's Vineyard on the Atlantic Ocean. The beach faces south to southeast and is subject to high wind and wave energy developed from coastal storms and hurricanes. The beach consists exists in a low area between two coastal banks of dense glacial till and forms a barrier to Squibnocket Pond on the north. Squibnocket Ridge is a residential development located to the west of the beach parking area. The sole access to the development is Squibnocket Farm Road that runs through the parking area and continues west over a causeway and barrier beach to the development. A revetment was constructed to protect the Squibnocket Ridge access and beach parking area from storm damage and erosion. This revetment continues to protect the parking lot and roadway from erosion, however as adjacent land and beach continue to erode the parking lot and revetment require more frequent and significant repairs. The town of Chilmark and Squibnocket Ridge have researched options to address the ongoing pressure of erosion. The town and the Squibnocket Homeowners Association have conducted public meetings and reached out to both private and government sources for information and recommendations. Most of this history can be found on the town website.
http://www.chilmarkma.gov/Pages/ChilmarkMA_squibnocket/index

As a result the Town and the Squibnocket Homeowners have put together a plan consisting of several parts. These parts summarized below are each described in more detail later.

The Squibnocket Homeowners Association of Squibnocket Ridge (Association) plan to build a new access road and causeway further back from the shoreline. The new road and causeway are being designed, built and financed by the Squibnocket Homeowners Association. The Town of Chilmark plans to relocate

the existing parking area to the north, further away from the shoreline and off of the barrier beach. As part of the relocation, the town will remove most of the existing revetments and restore the area to a more natural barrier beach system.

The roadway relocation effort conducted by the Association and the parking lot relocation conducted by the town are closely related and require the cooperative effort by both entities. The building of a new access road for the Association must be completed prior to the construction of the new town parking lot and removal of the existing parking lot and revetments.

Once the new road and bridge are constructed, restoration of the beach area can begin. All of the rocks making up the revetment will be removed and used as retaining structure around the new parking area. Any fill and debris resulting from the existing parking lot will be removed from the site. New beach and dune compatible sand fill will be brought in to form a low dune to protect the disturbed area until the natural process of wind and waves shape the barrier beach environment.

New Parking Area: The relocated parking area will be placed on top of and adjacent to the existing paved Squibnocket Road to the north. Due to the sloping land, the area adjacent to the existing paved surface will need to be filled and graded. Stone removed from the parking lot revetment will be used to construct a small retaining wall to support portions of the new parking lot.

Beach and Dune restoration: Stone from the existing revetments protecting both the Association access and parking lot will be removed. The parking area surface and base fill material will also be removed from the site. Soil sampling will be conducted on the existing beach and dune profile to assess existing soil composition. Compatible nourishment material will be imported, spread and graded to mimic adjacent beach profiles and a more natural low dune system. Beach grass will be planted on top of and behind the dune to help stabilize and protect the area.

A proposed skiff launching area is proposed for boat access to Squibnocket Pond. The existing launch area used by recreation boaters and fishermen is located on the north side of the parking area and extends to Squibnocket Pond. As part of the restoration project, the launch area will be relocated to the west. The new launch area will be adjacent to Squibnocket Farm Road to the north and will be in a less vulnerable and sensitive location. The area will allow for a

trailered boat to be launched into or retrieved from the pond. The access surface will be gravel (no pavement proposed) and extend from the side of the existing dirt road to the edge of the pond. There will be no parking provided for the launch area users.

IMPACTS:
The primary objective of this project is to remove an existing parking area and revetment from a sensitive barrier beach environment to a more stable, less vulnerable adjacent location. In doing so, the town hopes to return an area altered by hard structure to its natural state and environment. The project will remove hard structures and material (ie road, parking area, and revetment) and replace it with compatible beach and dune nourishment. Due to limited public land and space, the relocated parking area, beach access and skiff launch will be located partially within resource area's and buffer zones thereto.

Parking Area: The newly relocated parking area will be partially located on a Coastal Bank, partially within a Flood Hazard Area (potential V-zone), and a partially on a Bordering Vegetated. Area of disturbance has been quantified on the accompanying project plans. Due to the sloping land, a portion of the parking lot will encroach into a portion of BVW. A 1:1 replication area has been identified on the project plans in close proximity to the area of disturbance. The BVW borders a "spring" where subsurface waters break out of the bank surface. The replication area will be on the downslope area adjacent to the spring. An effort will be made to relocate the vegetation and root systems within the disturbed area to the replication area. If the relocated plant material does not survive, representative new plants will be installed. The replication area will be prepped by remove existing plant material and earth to the same elevation as the edge of the adjacent BVW. This will ensure the replication area is hydraulically compatible with the adjacent BVW.

Restoration area: Parking area and revetment removal will be limited to material placed on the site by man. Revetment stone, parking surface and base hardener material will be removed from the barrier beach. The placement of nourishment material will be within disturbed areas and will not be placed over or displace BVW resources. Material used will be compatible with the surrounding barrier beach. American Beach Grass will be planted on top of and behind the dune area to help temporarily stabilize the slopes. The temporary impact of the restoration will be the creation of a low dune system. Construction activity in the beach area is expected to take under a month and will be planned around possible storm and erosion activity. Siltation and

construction barriers will be used to contain the activity and materials until nourishment material is in place. The long term impacts will be a more natural restoration of this area to a low barrier beach environment. Our design of the restoration project recognizes that this area will be subject to continual changes during periods of heavy erosion and over-wash as well as periods of minor accretion and stabilization. Due to the minimal sediment supply within the system, and frequent occurrence of high wave energy, we anticipate significant wash-over events that will relocate nourished material and coble from the dune and beach to the north. The eventual barrier beach system will function as a low dune system and over-wash area.

Skiff Launch: temporary impacts to the newly located skiff launch area will be disruption to the existing vegetation and root system. The vegetation will be cut and the organic soil layer and root systems will be removed. Immediately after the soil is removed, gravel will be placed and compacted. The work to complete the launch area is anticipated to last 3 days. Long term impacts to the area will be the replication of displaced BVW and minimal vehicular traffic necessary to launch skiffs.

ALTERNATIVES:
There are essentially three alternatives to the relocation of the parking and skiff launch areas that were evaluated:

1. Continue to repair and maintain the revetment, roadway and parking area in its current location: This will involve more frequent and significant repair of the revetment and parking surface in coming years. Though there is no immanent need today, the town and its planners recognize that there will be a day in the relatively short future that maintaining the structures in their current location will not be practical. Additionally, as erosion continues to lower the beach vertically in front of the revetment, there will be less beach area for use.
2. Relocate parking area to the west: A proposal was made to the town by its selectmen to relocate the parking lot and skiff launch to the west of the current location. The new area would be in a more stable location, further back from the shoreline and would minimize construction and acquisition costs to the town. The proposal was reviewed by consultants to the town, government agencies and private consultants representing nearby homeowners. Through this rigorous review process, the town ultimately voted reject the proposed relocation area.

3. Relocate parking offsite: An alternative was evaluated by the town Selectmen to remove the existing parking area and provide offsite parking and bussing to the beach. This alternative was determined to be impractical and would still require construction of a drop off and turn around area for busses. Access to the beach would also need to be provided.

PROJECT PHASES:
Access to the Squibnocket Farm development must be maintained for the safety and convenience of its homeowners. For this reason, until the new road and bridge is built and usable, the existing access road must be maintained.
PROJECT PREPARATION AND STAGING - After construction of the new causeway is complete, the relocation of the parking area and dune restoration project will begin. Siltation barriers and construction fencing will be placed between the project limits and the wetland and dune area. The vegetation and organic material will be removed from the new parking area in preparation for construction. Structural fill and base hardener material will be placed and compacted within the new parking area. The area will be used for construction staging during the removal of the existing parking lot and retaining walls.
DUNE/BARRIER BEACH RESTORATION: Surface and fill material within the existing parking area, road and causeway will be stripped and removed. The revetment stone on the pond side of the causeway will be removed and placed as retaining wall stone adjacent to the new parking area. The revetment stone on the ocean side of the parking lot and causeway will remain in place as dune nourishment sand is imported to the site. The revetment stone will act as a siltation and construction barrier as well as protect the restoration area through the construction and grading process. Nourishment material will be off-loaded from trucks and graded with loaders and bulldozers. Vegetation will be planted on the pond side of the restored dune area. The remaining revetment stone will then be removed and used as retaining wall stone around the new parking lot and the Ocean side of the dune will then be graded. The small BVW replication area will be graded and constructed just prior to final grading of the dune restoration area adjacent to the new parking lot.
PARKING LOT CONSTRUCTION – Stone removed from the revetments will be used to complete the retaining wall construction on the pond side of the parking area. Catch basins and drainage swales will be constructed for storm water management. Base hardener will then be placed and graded within the parking area. Asphalt paving will be installed within the Cul-de-sac area and handicap parking spaces and gravel will be placed throughout the remaining parking area.

SKIFF LAUNCH – The Skiff launch area will be constructed after final construction of the parking lot. The work area will be cleared of vegetation and all organic and root matter will be removed. Washed gravel will be placed and compacted within the access area.

ARCHAELOGICAL RESOURCES:
The new road and bridge will require archaeological review prior to any excavation. Test pits will be performed by a qualified archaeologist and the results confirmed prior to final design and permitting. Any recommendations resulting from the investigations will be implemented in the permitting and construction process.

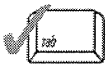
STORMWATER MANAGEMENT:
The new parking area surface will consist of the existing asphalt paved road surface to remain, the addition of asphalt paving within the circular cul-de-sac area and a gravel surface over newly created parking area. Storm water management on all paved surfaces will be accomplished through surface collection at catch basins and vegetated swales, with disposal through subsurface leaching facilities. Gravel surfaces will remain pervious and the perimeter of which will be bordered by gravel trenches.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

A. Introduction

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the Massachusetts Stormwater Handbook. The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.[1] This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8[2]
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

[1] The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

[2] For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

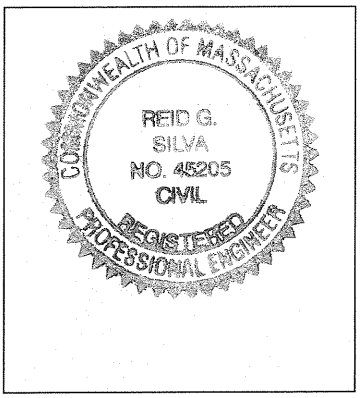
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature



Signature and Date 12/17/2015

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

☐ New development

☒ Redevelopment

☐ Mix of New Development and Redevelopment

Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- ☐ No disturbance to any Wetland Resource Areas
- ☐ Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- ☒ Reduced Impervious Area (Redevelopment Only)
- ☐ Minimizing disturbance to existing trees and shrubs
- ☐ LID Site Design Credit Requested:
  - ☐ Credit 1
  - ☐ Credit 2
  - ☐ Credit 3
- ☒ Use of "country drainage" versus curb and gutter conveyance and pipe
- ☐ Bioretention Cells (includes Rain Gardens)
- ☐ Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- ☐ Treebox Filter
- ☐ Water Quality Swale
- ☐ Grass Channel
- ☐ Green Roof
- ☐ Other (describe): _____

Standard 1: No New Untreated Discharges

- ☒ No new untreated discharges
- ☐ Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- ☐ Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.

Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

☐ Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.

☐ Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.

☒ Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

☐ Soil Analysis provided.

☐ Required Recharge Volume calculation provided.

☐ Required Recharge volume reduced through use of the LID site Design Credits.

☐ Sizing the infiltration, BMPs is based on the following method: Check the method used.

☐ Static ☐ Simple Dynamic ☐ Dynamic Field[1]

☒ Runoff from all impervious areas at the site discharging to the infiltration BMP.

☐ Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.

☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume.

☒ Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:

☐ Site is comprised solely of C and D soils and/or bedrock at the land surface

☐ M.G.L. c. 21E sites pursuant to 310 CMR 40.0000

☐ Solid Waste Landfill pursuant to 310 CMR 19.000

☒ Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.

☐ Calculations showing that the infiltration BMPs will drain in 72 hours are provided.

☐ Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

[1] 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.

Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

☐ The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.

☐ Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
- Provisions for storing materials and waste products inside or under cover;
- Vehicle washing controls;
- Requirements for routine inspections and maintenance of stormwater BMPs;
- Spill prevention and response plans;
- Provisions for maintenance of lawns, gardens, and other landscaped areas;
- Requirements for storage and use of fertilizers, herbicides, and pesticides;
- Pet waste management provisions;
- Provisions for operation and management of septic systems;
- Provisions for solid waste management;
- Snow disposal and plowing plans relative to Wetland Resource Areas;
- Winter Road Salt and/or Sand Use and Storage restrictions;
- Street sweeping schedules;
- Provisions for prevention of illicit discharges to the stormwater management system;
- Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
- Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
- List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.

☐ A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.

☐ Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:

- ☐ is within the Zone II or Interim Wellhead Protection Area
- ☐ is near or to other critical areas
- ☐ is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
- ☐ involves runoff from land uses with higher potential pollutant loads.

☐ The Required Water Quality Volume is reduced through use of the LID site Design Credits.

☐ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.

Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

☒ The BMP is sized (and calculations provided) based on:

- ☒ The ½" or 1" Water Quality Volume or
- ☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.

☐ The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.

☐ A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

☐ The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.

☐ The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted ***prior to*** the discharge of stormwater to the post-construction stormwater BMPs.

☐ The NPDES Multi-Sector General Permit does ***not*** cover the land use.

☐ LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.

☒ All exposure has been eliminated.

☐ All exposure has ***not*** been eliminated and all BMPs selected are on MassDEP LUHPPL list.

☐ The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas

☐ The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.

☐ Critical areas and BMPs are identified in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

☒ The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:

- ☐ Limited Project
- ☐ Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
- ☐ Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
- ☐ Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
- ☐ Bike Path and/or Foot Path
- ☒ Redevelopment Project
- ☐ Redevelopment portion of mix of new and redevelopment.

☐ Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.

☐ The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
- Construction Period Operation and Maintenance Plan;
- Names of Persons or Entity Responsible for Plan Compliance;
- Construction Period Pollution Prevention Measures;
- Erosion and Sedimentation Control Plan Drawings;
- Detail drawings and specifications for erosion control BMPs, including sizing calculations;
- Vegetation Planning;
- Site Development Plan;
- Construction Sequencing Plan;
- Sequencing of Erosion and Sedimentation Controls;
- Operation and Maintenance of Erosion and Sedimentation Controls;
- Inspection Schedule;
- Maintenance Schedule;
- Inspection and Maintenance Log Form.

☒ A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

☐ The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has ***not*** been included in the Stormwater Report but will be submitted ***before*** land disturbance begins.

☐ The project is ***not*** covered by a NPDES Construction General Permit.

☐ The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.

☐ The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan

☒ The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:

- ☐ Name of the stormwater management system owners;
- ☐ Party responsible for operation and maintenance;
- ☐ Schedule for implementation of routine and non-routine maintenance tasks;
- ☐ Plan showing the location of all stormwater BMPs maintenance access areas;
- ☐ Description and delineation of public safety features;
- ☐ Estimated operation and maintenance budget; and
- ☐ Operation and Maintenance Log Form.

☐ The responsible party is ***not*** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:

- ☐ A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
- ☐ A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges

☐ The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;

☒ An Illicit Discharge Compliance Statement is attached;

☐ NO Illicit Discharge Compliance Statement is attached but will be submitted ***prior to*** the discharge of any stormwater to post-construction BMPs.

Vineyard Land Surveying & Engineering, Inc.

PO Box 421 West Tisbury, MA 02575-0421

Glenn F. Provost
Professional Land Surveyor

Reid G. Silva
Professional Engineer
Professional Land Surveyor

William M. Austin
Professional Land Surveyor

(t) 508-693-3774 e-mail info@vlse.net (f) 508-693-8575

December 15, 2015

Town of Chilmark
P.O. Box 119
Chilmark, MA 02539

STORMWATER REPORT

Squibnocket Beach Parking Lot Project

This project consists of the removal of an existing 14,200 SF soil cement (impervious) parking area and causeway and the construction of a new parking area as shown on the accompanying plans. The existing parking area does not include any stormwater management system and directs runoff into an existing dune and wetland system. The new parking lot will utilize an existing asphalt road for a portion of the parking area and construct 7,700 of new gravel parking area with 2,800 SF of new asphalt cul-de-sac. Stormwater will be directed from the asphalt road and new gravel surface into a gravel leaching trench with filter fabric.
The following is a list of the storm water standards listed in the D.E.P. Regulations and the project qualifications:

Standard 1: No New stormwater discharge into wetland resource.

The proposed project will remove approximately 14,200 SF of impermeable parking and road surface currently draining into wetland resource areas. The relocated project will include 7,700 SF of gravel surface that will direct runoff into an 18"wide x 18"deep x 380' long gravel trench. The trench will absorb any excess runoff not absorbed directly into the parking area and also remove any possible suspended solids by way of the filter fabric. The project does not create any new discharges into any resource area.

Standard 2: Post-development discharge not greater than pre-development discharge.

As noted above, approximately 11,400 SF of impervious pre-development surface will be removed from a barrier beach resource area and replaced with 7,700 SF of permeable gravel surface. Additionally, a gravel trench, catch basin and drainage basin have been added to accommodate stormwater runoff from the proposed parking area.

Standard 3: No loss of recharge.

All stormwater runoff will be directed into subsurface drainage systems.

Standard 4: Removal of 80% TSS.

The gravel parking surface and drainage trench with filter fabric will remove greater than 80% of TSS. The parking area will be monitored for surface quality and when significant break-down of the stone occurs, the surface will be replaced with new stone.

Standard 5: No additional potential pollutant loads.

The proposed project relocates the existing parking area. There will be no additional loads onto the new paking area

Standard 6: Discharge within Zone II or public water supply.

The project is not located within a Zone II or other wellhead protection area.

Standard 7: Re-development standards.

This is a redevelopment project, standards 2,3,4,5 & 6 have been met to the maximum possible

Standard 8: Erosion and sediment control.

Silt fencing will be placed and maintained around the new parking area throughout the construction period. Weekly inspections will be done to ensure all erosion control measures are in proper working order.

Standard 9: Long term operations and maintenance.

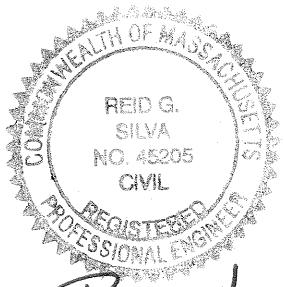
The gravel surface of the new parking shall be maintained and the gravel trench behind the boulders shall be kept clean and free of leaves and organic material. Paths to the beach shall be maintained against erosion and beach mats shall be used where necessary. The gravel trenches will be exposed and inspected after 3 year periods to ensure operational condition. Excess silt and debris accumulated within the trench will be removed.

Standard 10: Illicit discharges.

Other than rain runoff, there are no other sources of water dicharges.

Report prepared by:

Reid G. Silva, PE PLS
PE Lic. No. 45205



12/17/2015

Vineyard Land Surveying & Engineering, Inc.

PO Box 421, West Tisbury, MA 02575-0421

Glenn F. Provost
Professional Land Surveyor

Reid G. Silva
Professional Engineer

William M. Austin
Professional Land Surveyor

(t) 508-693-3774 e-mail vlsi@comcast.net (f) 508-629-0440

December 8, 2015

Dear Abutter:

Massachusetts General Laws Chapter 131 Section 40 requires any person filing a Notice of Intent with a conservation commission give notification to abutters.

As such an abutter please note that a Notice of Intent has been filed with the Chilmark Conservation Commission on behalf of the Town of Chilmark to remove/relocate an existing municipal parking lot, remove an existing revetment and roadway and restore disturbed areas to natural beach and dune conditions. The proposed work is located at Squibnocket Farm Road and Squibnocket Road, Assessor Map 35, Parcels 1.30, 17.2, 17.3, 17.4, 20, 21, 22 and 23, Chilmark, MA.

Copies of this Notice of Intent are on file with the Chilmark Conservation Commission at the Town Hall. For more information or to examine copies contact the Conservation Commission at the Town Hall (508)-645-2114 or this office.

At least 5 days before the public hearing, a legal notice will be published in a local paper.

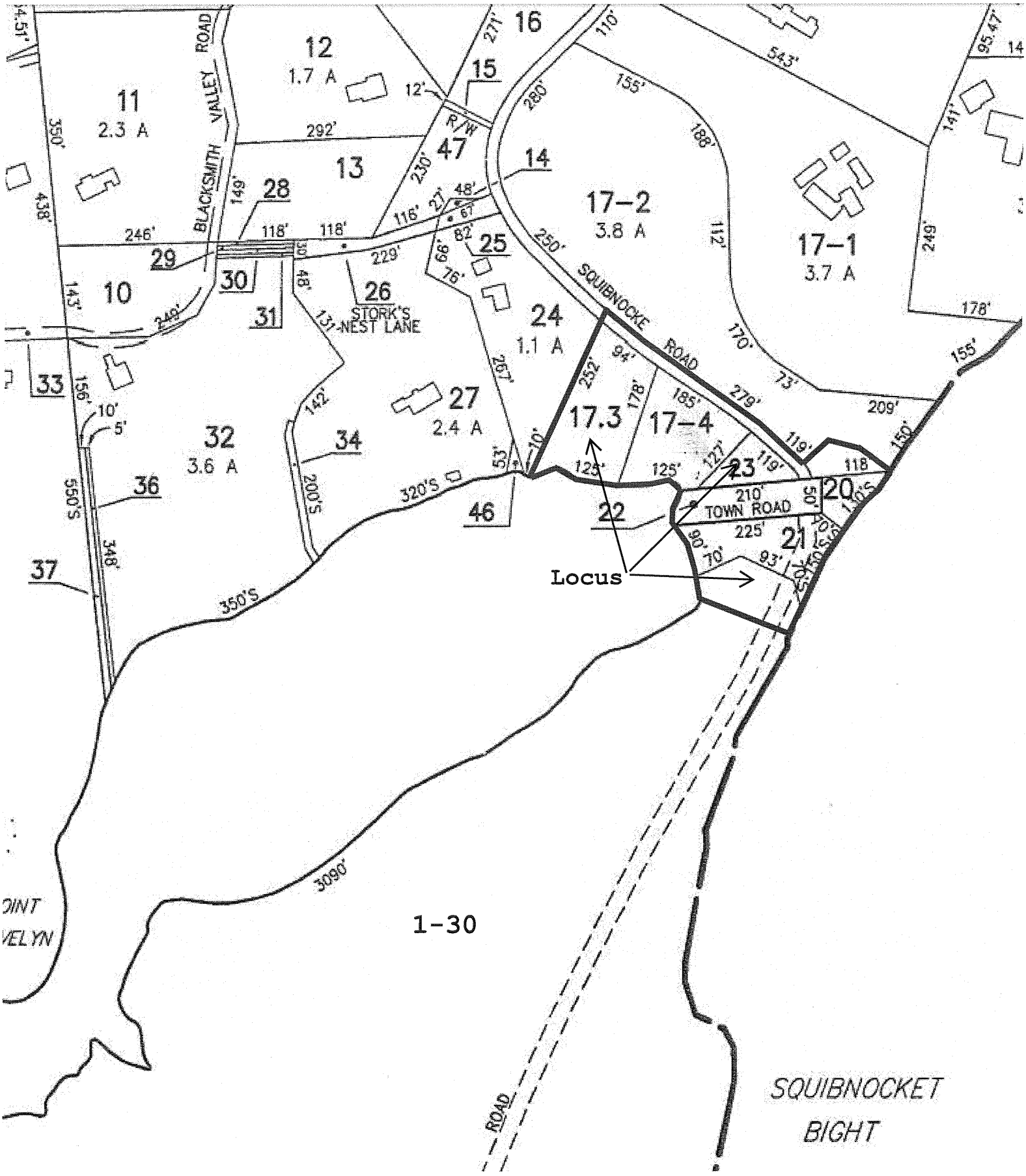
Sincerely,

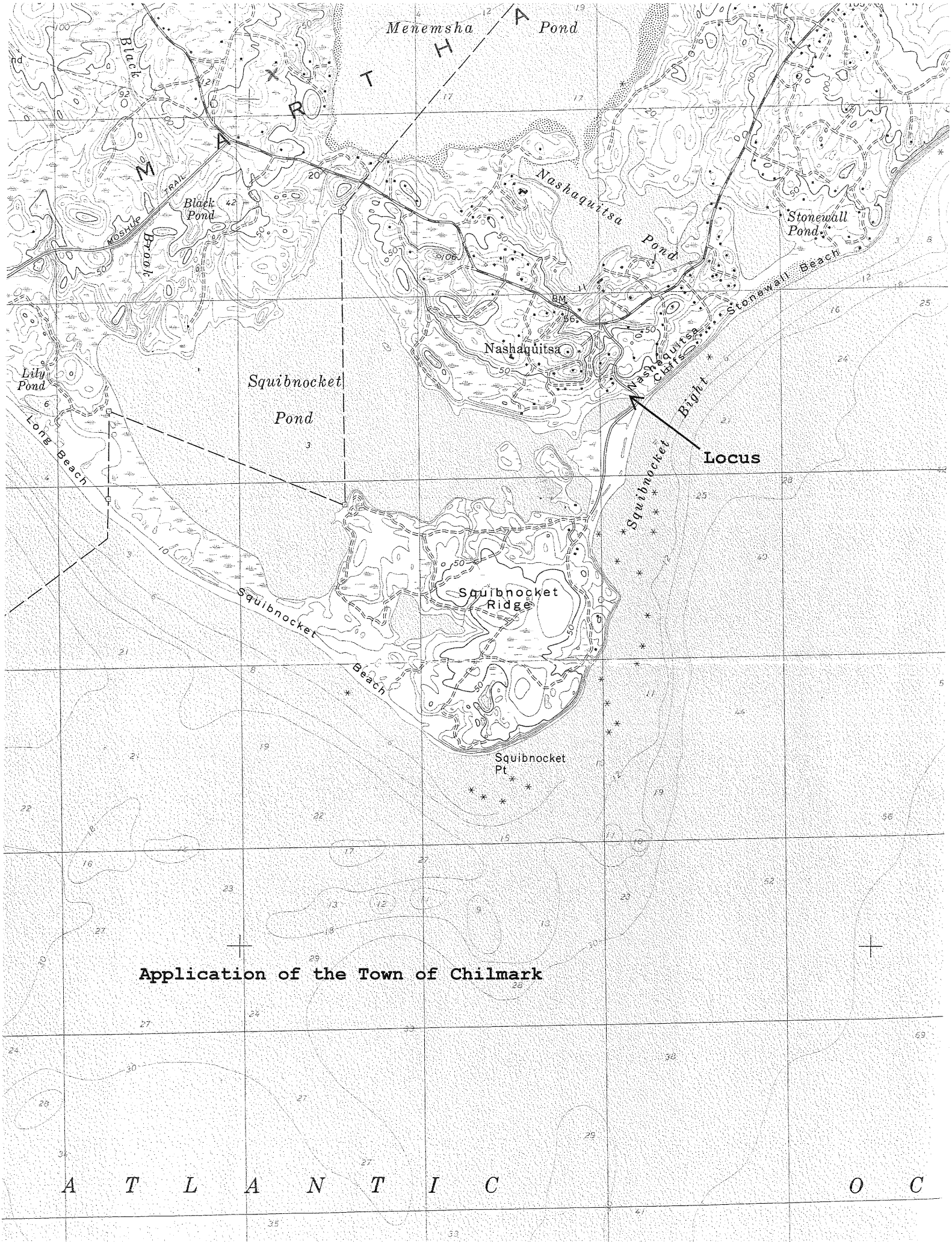
Reid G. Silva, PE/PLS
Professional Engineer
Professional Land Surveyor

Abutter List
for
The Town of Chilmark

Assessor Parcel	Name	Address	City State Zip
35-1.2	Honker & Sons LLC c/o Anchin, Block and Anchin, LLP	1375 Broadway	New York, NY 10018
35-1.3	Paul S. Hornblower	PO Box 345	Chilmark, MA 02535
35-1.9	Warren J. Spector Margaret Whitten	11 W 10th St	New York, NY 10011
35-1.18 35-1.19 35-1.22	Vineyard Open Land Foundation	PO Box 4608	Vineyard Haven, MA 02568
35-1.28	Barbara Hunter Foster, Trustee Pacer II Nominee Trust c/o Foster, Dykema and Cabot	101 Arch St. 18th Floor	Boston, MA 02110
35-14 35-27 35-47	Regen Fam Storks Nest LLC D. Stork	6 Storks Nest Ln	Chilmark, MA 02535
35-17.1	Anthony G. Orphanos Wendy Jeffers Blacksmith Ridge RE Trust	62-63 Crosby St.	New York, NY 10012
35-17.2	Harold I. Pratt, Trustee Thomas E. Bator, Trustee	c/o Pratt & Bator LLP 50 Congress St	Boston, MA 02109-4002
35-18	Michael C. Mewhinney Linda D. Mewhinney	4242 Cochran Chapel Rd.	Dallas, TX 75209
35-20	Town of Chilmark	PO Box 119	Chilmark, MA 02535
35-21	Squibnocket Farm Assoc Inc. c/o Marylee Schroeder	PO Box 1055	West Tisbury, MA 02575
35-24 35-46	Up Island LLC	14 Wildwood Dr	Bedford, MA 01730
35-38	Douglas Liman	71 Hudson St	New York, NY 10013
35-44	Martin M. Hale, Trustees Deborah C. Hale, Trustees	220 Boylston St, #1020	Boston, MA 02116
35-12	Stephen P. Galante C. Leanne Cowley	15 Ingersoll Rd	Wellesley, MA 02481
35-16	Robert B. Thorpe	PO Box 59	Chilmark, MA 02535
33-40	Anthony G. Orphanos Wendy Jeffers c/o Judith Cook	PO Box 418	Sherborn, MA 01770
33-42	Frances C. Flanders, et al.	PO Box 59	Chilmark, MA 02535
33-76.1	Mary M. Callagy	3 Althea Ln	Darien, CT 06820

Application of the Town of Chilmark





Application of the Town of Chilmark

Commonwealth of Massachusetts
Division of Fisheries & Wildlife
MassWildlife

Jack Buckley, *Director*

July 14, 2015

Chilmark Conservation Commission
Town Offices
P.O. Box 119
Chilmark MA 02535

Town of Chilmark
c/o Vineyard Land Surveying
PO Box 421
West Tisbury, MA 02575

RE: Applicant: Town of Chilmark
Project Location: Squibnocket Farm Road & Squibnocket Pond
Project Description: Archeological Investigations for Roadway and Parking Relocation
DEP Wetlands File No.: 012-0741
NHESP Tracking No.: 08-25315

Dear Commissioners & Applicant:

The applicant listed above has submitted a Notice of Intent with site plans (dated June 26, 2015) to the Natural Heritage & Endangered Species Program of the Massachusetts Division of Fisheries & Wildlife (the "Division"), in compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.37, 10.59).

MA WETLANDS PROTECTION ACT (WPA)
Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, will **not** adversely affect the actual Resource Area Habitat of state-protected rare wildlife species. Therefore, it is our opinion that this project meets the state-listed species performance standard for the issuance of an Order of Conditions.

Please note that this determination addresses only the matter of **rare** wildlife habitat and does not pertain to other wildlife habitat issues that may be pertinent to the proposed project.

MA ENDANGERED SPECIES ACT (MESA)
Based on a review of the information that was provided, the Division has determined that this project, as currently proposed, appears to be exempt from MESA review pursuant to 321 CMR 10.14 which states: "[t]he following Projects and Activities shall be exempt from the requirements of 321 CMR 10.18 through 10.23…"

> (14) performance of customary land surveying activities, wetland resource area delineations, percolation tests, environmental assessments and investigations performed in accordance with M. G. L. c. 21E, and other customary preliminary site investigations or customary

Division of Fisheries and Wildlife
Field Headquarters, One Rabbit Hill Road, Westborough, MA 01581 (508) 389-6300 Fax (508) 389-7890
An Agency of the Department of Fish and Game

property due diligence activities, provided that vegetation clearing and soil alteration are avoided or minimized to the maximum extent practicable;

The Division notes that the exploratory work is intended to inform siting of a future project (Squibnocket Road & Beach Parking Relocation), which does not appear exempt and therefore requires review through a direct filing with the Division for compliance with the MESA. Any changes to the proposed project or any additional work beyond that provided requires a filing with the Division pursuant to the MESA regulations.

Please note that this determination addresses only the matter of state-listed species and their habitats. If you have any questions about this letter, please contact Amy Hoenig, Endangered Species Review Biologist, at (508) 389-6364.

Sincerely,

Thomas W. French

Thomas W. French, Ph.D.
Assistant Director

cc: Reid Silva, Vineyard Land Surveying & Engineering, Inc.
MA DEP Southeast Region

Owner List

Harold I. Pratt and Thomas E. Bator
Assessor Parcel 35-17.2

The Town of Chilmark
Assessor Parcels 35-17.3, 17.4, 20 and 22

Squibnocket Farm Associates, Inc.
Assessor Parcels 35-21 and 23

Vineyard Open Land Foundation
Assessor Parcel 35-1.30

LIMIT OF WORK

Squibnocket Road (public)

Anne B. Vytlacil
Assr. No. 35–24

Harrold Pratt &
Thomas Bator Trustees
Assr. No. 35–17.2

Anthony Orphanos &
Wendy Jeffers Trustees
Assr. No. 35–17.1

Regen Fam Storks Nest LLC et al
Assr. No. 35–27

N
W E

Proposed parking area
45 spaces

approx. location of new access

Proposed dry-laid stone retaining wall

18"x18" gravel drainage trench

TOP OF COASTAL BANK

edge of pavement

Proposed asphalt cul-de-sac (±4,100 SF)
(2,800 SF new)

Proposed storm-water drainage trench

TOP OF COASTAL BANK

BOTTOM OF COASTAL BANK

Limit of VE Zone
Preliminary FIRM map Community Panel
25007–C0159J, Issued April 27, 2015

3
C2

work within B.V.W.
±970 SF

Proposed wetland replication area
(±1,250 SF)

Edge of Wetlands

Existing "Soil-Cement" Parking Lot surface to be removed

Proposed contours

LIMIT OF WORK

existing footpath

2
C2

Beach

COASTAL DUNE

PROPOSED DUNE RESTORATION AREA
(SHOWN AS TAN HATCH AREA)

Utility Line

Stone revetment (to be removed)

Stone revetment (to be removed)

Squibnocket Pond

APPROXIMATE EDGE OF POND

Electric Boxes

Gate

1
C2

Limit of stone revetment removal

Existing Dirt Road

Bottom of Bank

Normal High Water Line

Squibnocket Road

work within B.V.W.
±220 SF

Wetland disturbance area

Cobbles

Top of Bank

Mean Low Water – observed 11–20–2013

Atlantic Ocean

Land Subject to Coastal Storm Flowage

Beach Grass

Beach

Mean High Water – Elevation 2.1

PROJECT NOTES:

AREA OF ALTERATION:

COASTAL BEACH	0
COASTAL BANK	8,600 sq.ft.
COASTAL DUNE	15,850 sq.ft.
BARRIER BEACH	36,680 sq.ft.
BORDERING VEGETATED WETLAND	1190 sq.ft.
LAND SUBJECT TO COASTAL STORM FLOWAGE	46110 sq.ft.

Plan Notes:
1. Bordering Vegetated Wetlands delineated by V.H.B. and as noted on site plan accompanying a Notice of Intent prepared by VHB dated: June 24, 2013. All other wetland resource area delineations have been coordinated with said plan.

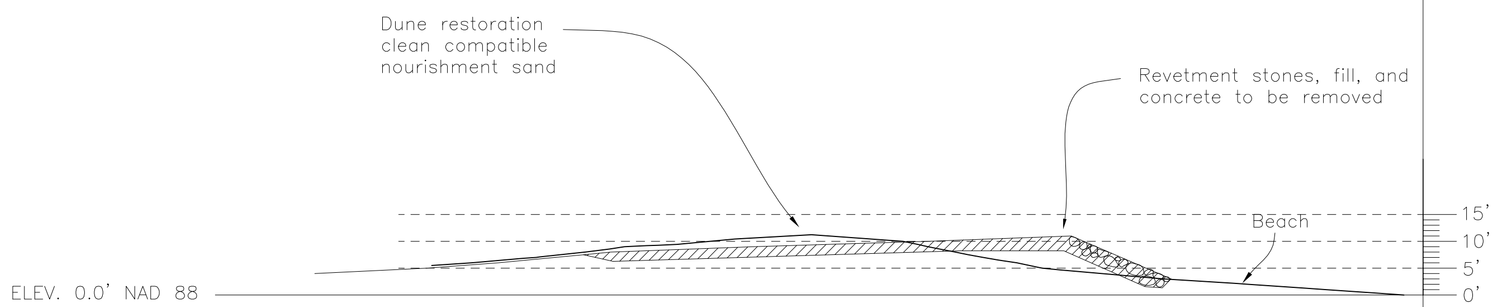
ELEVATIONS:
1. Elevations based on N.A.V.D. 88
2. Mean High Water elevation = 2.1
3. Mean Low Water elevation = −0.8

Approximate Massachusetts State Plan Island Zone NAD 83

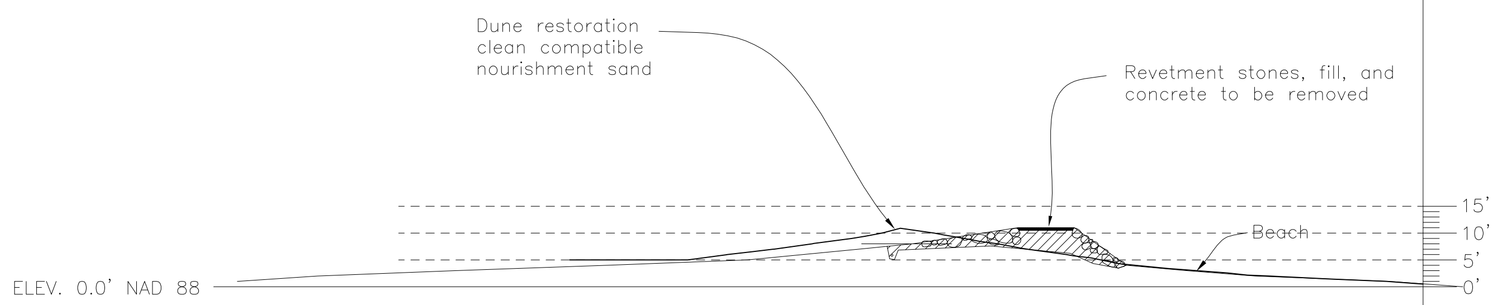
Sheet C1
Parking and Restoration Plan
Chilmark, Mass.
Prepared for
The Town of Chilmark
December 17, 2015 Scale 1" = 30'

VINEYARD LAND SURVEYING & ENGINEERING, INC.
12 Cournoyer Road, P.O. Box 421 West Tisbury, MA 02575
P 508.693.3774 F 508.693.8575

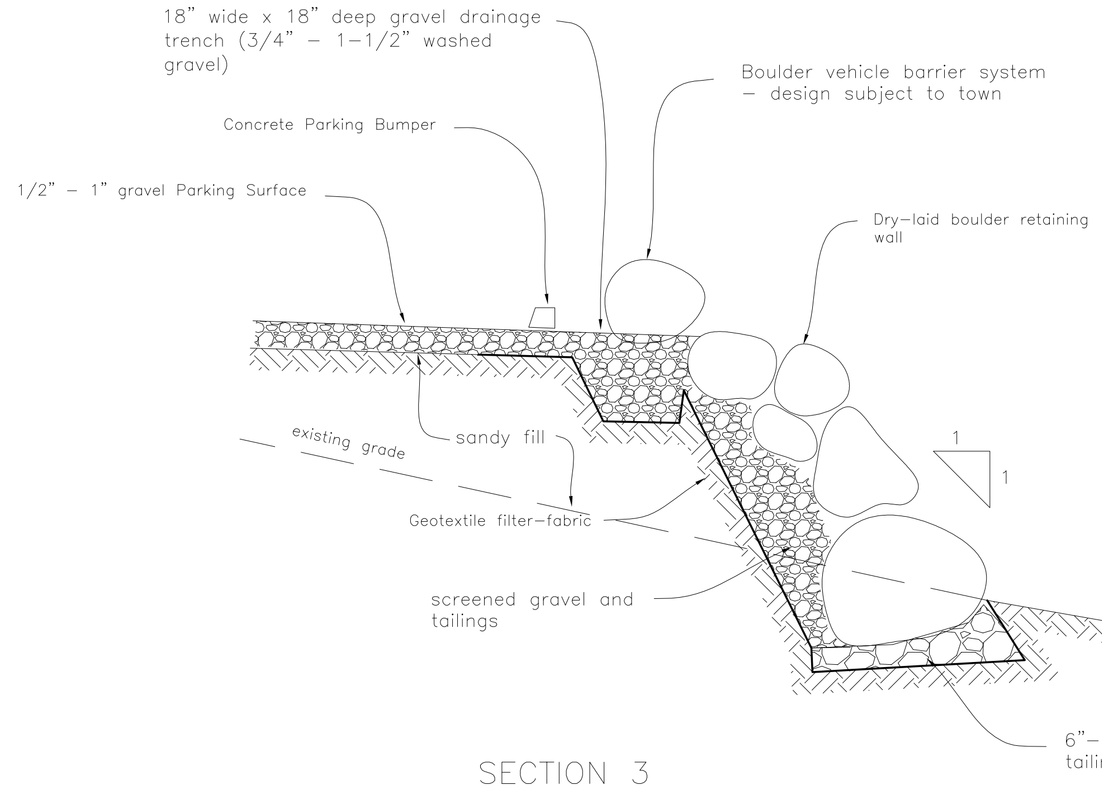
Job No. 227–30



SECTION 2
Scale: 1" = 20'



SECTION 1
Scale: 1" = 20'



SECTION 3
Scale: no scale

Sheet C2
Section Plans
Chilmark, Mass.
Prepared for
Town of Chilmark
Scale 1" = 30'
December 17, 2015

VINEYARD LAND SURVEYING
& ENGINEERING, INC.
12 Cournoyer Road, P.O. Box 421 West Tisbury, MA 02575
P 508.693.3774 F 508.693.8575

s:\survey\2\227-30\dwg\227-30 squibnocket.dwg

Job No. XXXX-X