

Squibnocket GIS Base Map NHESP Habitat



Legend:

- Green diagonal hatching: Data Projected Raw 10/10/16
- Red diagonal hatching: Data Field Data 2/16/16



Disclaimer: The map is for general purposes only. The data are not adequate for boundary determination or liability interpretation. The user of this map is responsible for how these data are used or interpreted by the end user.

Created by:
Date:
Data Source:
Coordinate System: Spherical, NAD 83, NAD 83, NAD 83, NAD 83

Squibnocket GIS Base Map Wetlands



Wetlands - Detailed
 N: VAL085C

[Blue]	OPEN WATER
[Yellow]	SUBURBAN SWAMP SYSTEM
[Light Green]	SUBURBAN SWAMP COASTAL MUDFLAT
[Yellow-Green]	SUBURBAN SWAMP COASTAL DUNE
[Light Green]	SUBURBAN SWAMP MARSH
[Pink]	SUBURBAN SWAMP SALT MARSH
[Light Green]	SUBURBAN SWAMP WOOD SWAMP
[Light Green]	SUBURBAN SWAMP OPEN WATER
[Light Green]	SUBURBAN SWAMP WOOD SWAMP DECIDUOUS
[Light Green]	SUBURBAN SWAMP WOOD SWAMP MIXED TREES
[Light Green]	SUBURBAN SWAMP WOOD SWAMP CONIFEROUS
[Brown]	SOIL
[Light Green]	COASTAL MUDFLAT
[Yellow]	COASTAL DUNE
[Brown]	COASTAL SAND BLUFF OR SCLOFF
[Brown]	ROCKY INTERTIDAL SHORE
[Red]	SLANDERLY SOIL
[Light Green]	SHALLOW MARSH WOODSWAMP
[Light Green]	DEEP MARSH
[Light Green]	SALT MARSH
[Light Green]	TIDAL FLAT
[Light Green]	SWAMP SWAMP
[Light Green]	NO OOD SWAMP DECIDUOUS
[Light Green]	NO OOD SWAMP MIXED TREES
[Light Green]	NO OOD SWAMP CONIFEROUS
[Light Green]	Marsh Bog
[Light Green]	Wetland Marsh
[Light Green]	Dark Marsh Bog
[Light Green]	Salt Marsh
[Light Green]	Open Water
[Light Green]	Seasonal wetland
[Light Green]	Tidal Flat
[Light Green]	Beach/Dune



Disclaimer: The map is for planning purposes only. The data are not adequate for boundary determination or regulatory interpretation. The responsibility is for accuracy of the data. These data are used or interpreted by the user.

Created by:
 Date:
 Date Source:
 Coordinate System: Spherics, NAD 83, UTM, 18Q UTM Zone 18Q

Squibnocket GIS Base Map Open Space



Open Space (updated Sep 2014)

Level of Protection

- Reserve
- Limited
- Semi Limited
- None
- Unknown



Disclaimer: The map is for general purposes only. The data are not adequate for boundary determination or liability interpretation. The compiler is not responsible for how these data are used or interpreted by the end user.

Created by:
Date:
File Name:
Data Source:
Coordinate System: Spherical, NAD 83, NAD 83, NAD 83, NAD 83

Squibnocket GIS Base Map Squibnocket Watershed



 Squibnocket



Disclaimer: The map is for general purposes only. The data are not adequate for boundary determination or liability interpretation. The compiler of this map is not responsible for how these data are used or interpreted by the end user.
Created by:
Date:
Data Source:
Coordinate System: Spherical, NAD 83, NAD 83, NAD 83, NAD 83

Legend
of
Existing
Photos
submitted
by the
Applicant.
(Photos
follow)

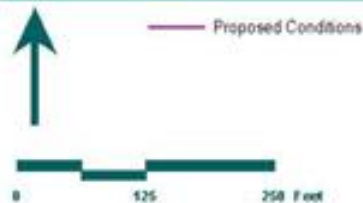


Figure 6 - Photo Location Map
Squibnocket Beach, Chilmark, MA

Source: MassGIS, VHB



1 – Looking south to southeast across the Existing Town Lot



2 - Looking east from adjacent property to the west



3 - Looking north to northeast from Money Hill



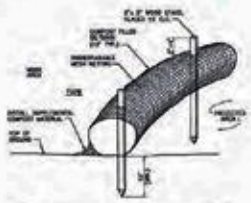
4 - Looking south to southeast along the existing Causeway Revetment



5 – Revetment settlement following severe storm event



6 - Parking lot debris and damage following a severe storm event



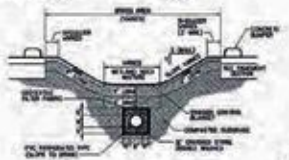
- Notes:**
1. ALL TRENCH SHALL BE FILLERED WITH STONE OR APPROVED EQUIV.
 2. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 3. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 4. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 5. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 6. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.



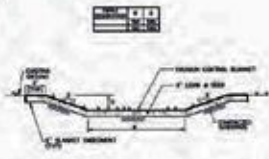
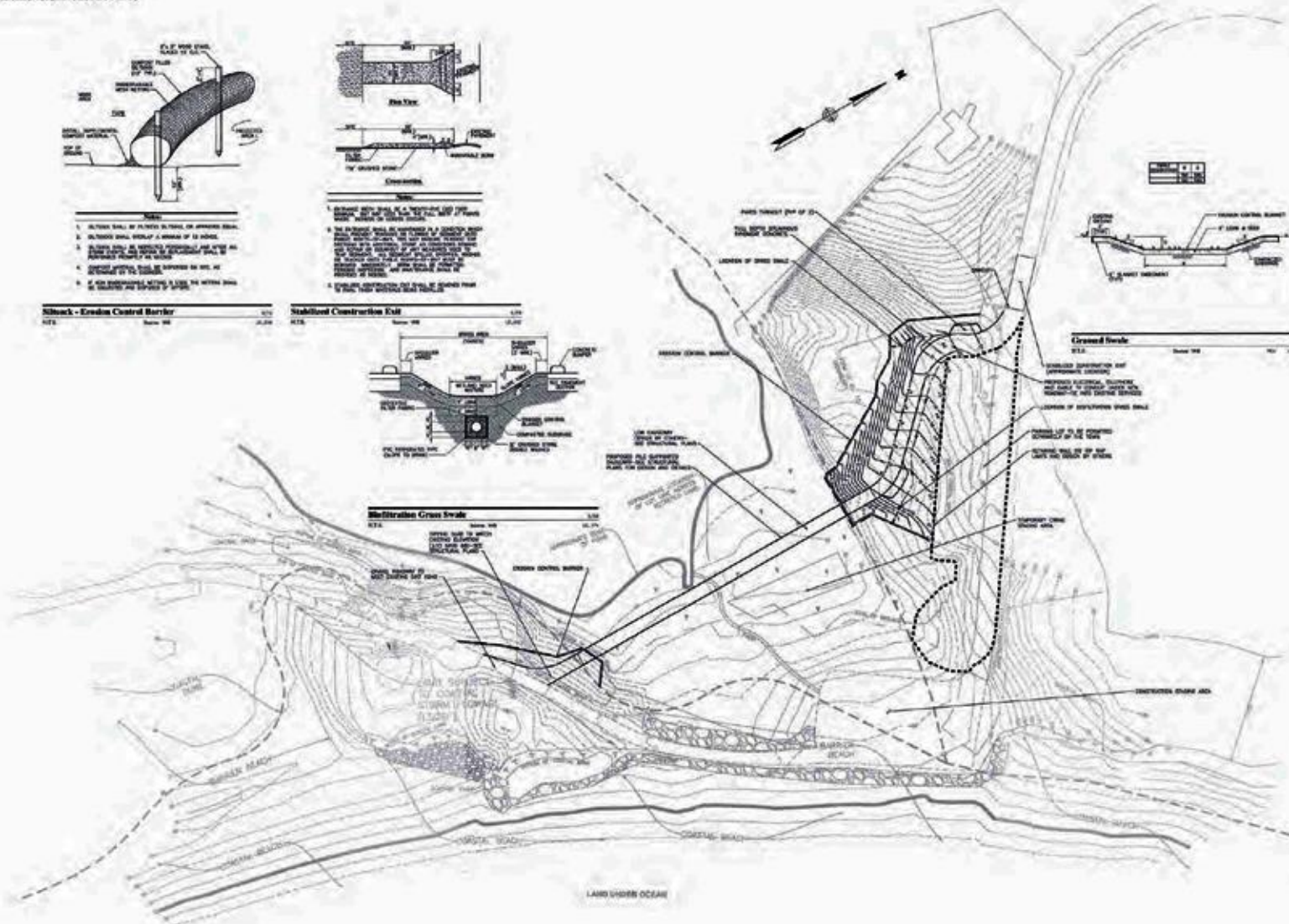
- Notes:**
1. ALL TRENCH SHALL BE FILLERED WITH STONE OR APPROVED EQUIV.
 2. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 3. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 4. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 5. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.
 6. ALL TRENCH SHALL BE FILLERED TO A MINIMUM OF 12 INCHES.

Sheet - Erosion Control Barrier
S15
S15

Stabilized Construction Exit
S15
S15



Stabilized Cross Slope
S15
S15



Cleared Trench
S15
S15



Squibnocket Road

NO.	DATE	DESCRIPTION

Notice of Intent December 18, 2013

Not for Construction
Squibnocket Farms
Erosion Control and
Research Areas

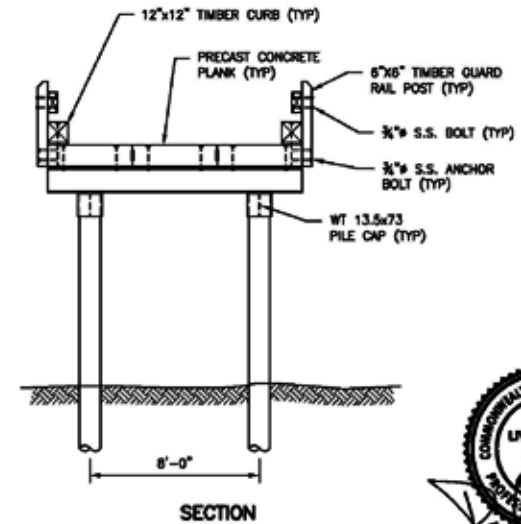
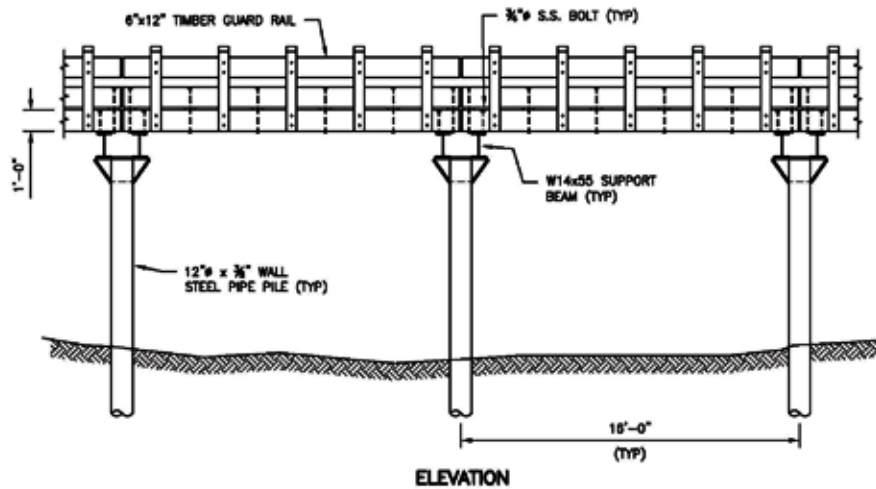
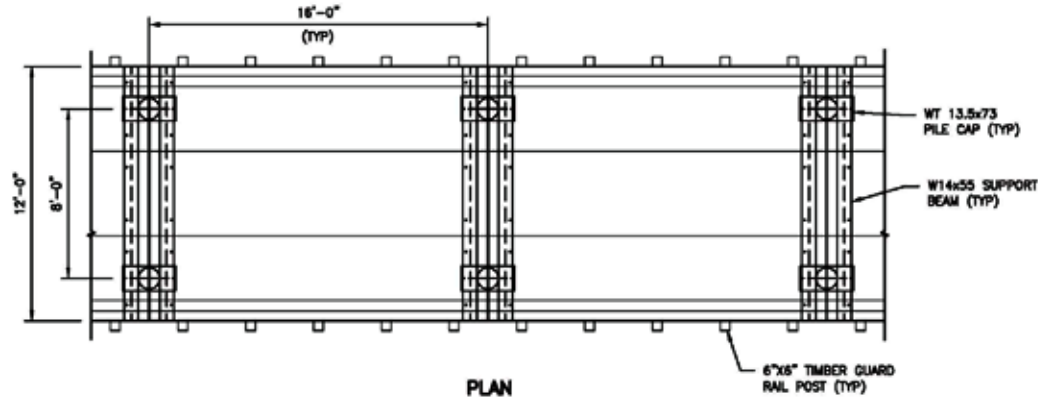


ERC-1

1 1

\$3000.00

Proposed Causeway Plan & Sections



TOM QUINN K:\2020-15.00 SQUIBNOCKET BRIDGE - H&A\CD\CURRENT WORKING DWGS\262015 SK-02 BRIDGE ALT 12FT WIDE.DWG Dec 22, 2015 - 1:36pm



CHILDS ENGINEERING CORPORATION
34 WILLIAM WAY, BELLINGHAM, MA 02018 U.S.A.
Phone: (508) 966-9082 Fax: (508) 966-9096
E-mail: mail@childseng.com

Start	Description	Date	Appr.

Designed by:	DLP	Date:	12/03/15
Drawn by:	TEQ	Check by:	DLP
Reviewed by:	DLP	Design file no.:	262015 SK-02
		Scale:	3/16"=1'-0"

SQUIBNOCKET BRIDGE
H&A
CHILMARK, MA
PROPOSED BRIDGE
DESIGN CONCEPT
12' WIDE BRIDGE

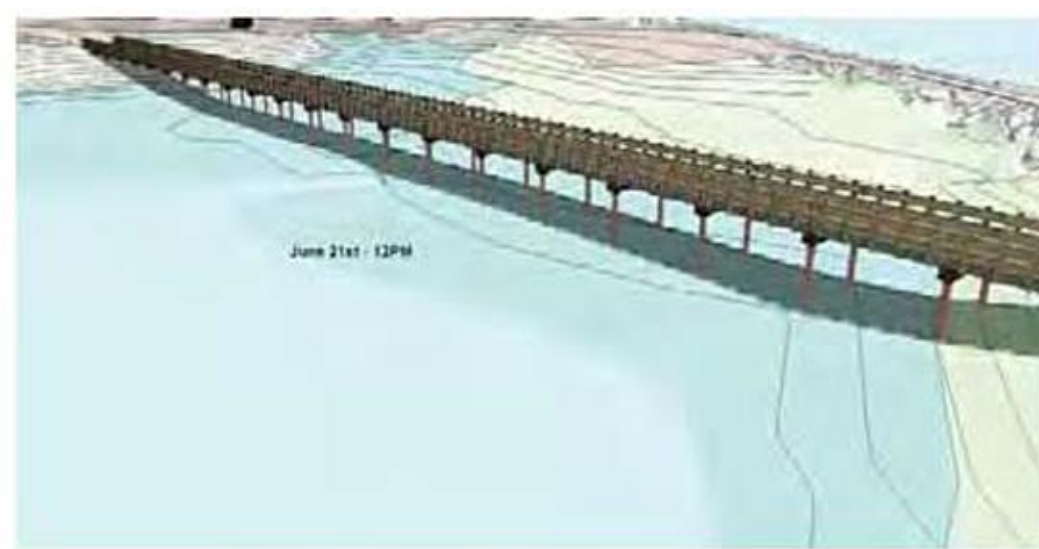
Sheet reference number:
SK-02
Sheet 1 of 1



Time	10:00 AM
Sun	1,522 SF (36%)
Shade	2,649 SF
Total	4,171 SF



Time	11:00 AM
Sun	582 SF (14%)
Shade	3,589 SF
Total	4,171 SF



Time	12:00 PM
Sun	0 SF (0%)
Shade	4,171 SF
Total	4,171 SF



Time	1:00 PM
Sun	1,139 SF (27%)
Shade	1,032 SF
Total	4,171 SF



**Figure 12 - Shadow Study - June 21st
Squibnocket Beach, Chilmark, MA**



Time	6:00 AM
Sun	4,171 SF (100%)
Shade	0 SF
Total	4,171 SF



Time	7:00 AM
Sun	4,171 SF (100%)
Shade	0 SF
Total	4,171 SF



Time	8:00 AM
Sun	3,966 SF (95%)
Shade	205 SF
Total	4,171 SF



Time	9:00 AM
Sun	2,668 SF (64%)
Shade	1,503 SF
Total	4,171 SF



**Figure 11 - Shadow Study - June 21st
Squibnocket Beach, Chilmark, MA**

Before



After



Proposed

Before



After



Proposed

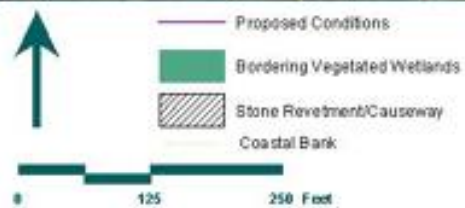


Figure 4 – Wetland Resource Areas
Squibnocket Beach, Chilmark, MA

Source: MassGIS, VHB



- Proposed Conditions
- ▨ NHESP Priority & Estimated Habitat Polygon EH79/PH15 Northern Harrier (*Circus cyaneus*)



Figure 3 - Natural Heritage Atlas
Squibnocket Beach, Chilmark, MA

Source: MassGIS, VHB

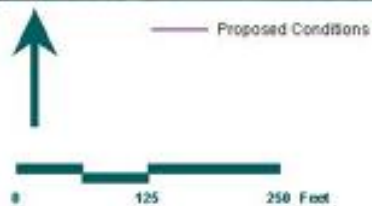


Figure 2 – Aerial Map
Squibnocket Beach, Chilmark, MA

Source: MassGIS, VHB

Map Number: 25007C0159H
Effective Date: July 6, 2010



Map Number: 25007C0159J
Revised Preliminary Date: April 27, 2015

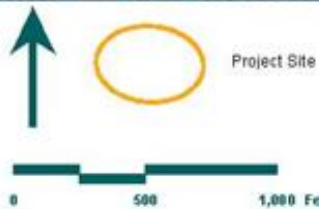


Figure 5- FEMA Flood Insurance Rate Maps Squibnocket Beach, Chilmark, MA

Source: MassGIS, FEMA, VHB