

Solution Review & Update
Dune Ridge/Road Solution
Squibnocket Committee

Friends of Squibnocket

October 14, 2014

Status Update

- Existing conditions defined & documented
- Dune ridge & road engineering completed
 - Geology, coastal engineering, civil engineering
- Initial cost estimate prepared
- Research on comparables completed
- Architectural rendering of solution in process
- Direct discussions with S/F team initiated
- *Today:* Parking solution presented

Features

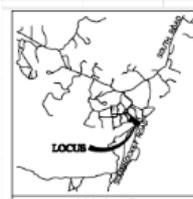
- Convenient to beach
- 40 cars (same capacity as current lot)
- Storm water basin
- Vegetative buffer required for screening

Other Considerations

- Parking is a component of dune/ridge solution
- Town would negotiate long term leases
 - Two ½ ac lots
- Peter Weldon has reaffirmed his reaffirmed his willingness to work with the Town
- This is the first iteration of design of parking lot

Alternate Road (Option)

- At meeting with S/F engineers, alternate route for roadway was discussed
 - Above parking lot & along back of pond
- Advantages: more secure, less maintenance
 - 50% of road unaffected for 50 - 100 yrs.
 - Another 25% of road unaffected for 25 yrs.
 - No contention between parking area with S/F road
- Wetlands impact needs to be assessed



LEGEND

- EXISTING LEAK CONTAINERS
- EDGE OF WOODS
- EXISTING WETLANDS
- CL. SHVC
- EDGE OF POND
- EXP

SQUIBNOCKET POND

Utilities

Parking

Alternate Route

Primary Route

FILL IN WETLANDS
AREA=4,400 SF ±

ATLANTIC OCEAN

**CONCEPTUAL PLAN
"OPTION D" AND RECONSTRUCTED DUNE
FOR
SQUIBNOCKET POND PROJECT
CHILMARK, MASSACHUSETTS
OCTOBER 10, 2014**

PREPARED FOR:
FRIENDS OF SQUIBNOCKET
C/O TONY ORPHANOS, 61 CROSBY STREET
NEW YORK, NY 10012

- GENERAL NOTES:**
- THE AREA LIES WITHIN ZONING DISTRICT NO. 14 BASED UPON A REVIEW OF THE TOWN OF CHILMARK ZONING MAP AND WITHIN THE SQUIBNOCKET POND OVERLAY DISTRICT.
 - THE PROPERTY LINES DEPICTED HEREON ARE BASED UPON THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM AND ARE FOR INFORMATIONAL PURPOSES ONLY.
 - FLOOD ZONE BOUNDARIES SHOWN HEREON ARE, BASED UPON A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 250207030A, PRELIMINARY DATE, JUN. 3, 2013.
 - THE AREA DOES NOT LIE WITHIN A 300-FT WETLAND PROTECTION AREA BASED UPON A REVIEW OF THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.
 - THE AREA DOES NOT LIE WITHIN AN AREA OF CRITICAL ENVIRONMENTAL CONCERN BASED UPON A REVIEW OF THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.
 - THE AREA LIES WITHIN AN EXTENDED HABITAT OF RARE WILDLIFE OR A PRIORITY HABITAT OF RARE SPECIES BASED UPON A REVIEW OF THE NATURAL HERITAGE AND ENDANGERED SPECIES PROGRAM MAPS OBSERVED ON THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.
 - THE EXISTING CONDITIONS SHOWN HEREON ARE COMPILED FROM SURVEY WORKSHEETS AND PLANS PROVIDED BY THE CLIENT INCLUDING A PLAN ENTITLED "SITE PLAN FOR SQUIBNOCKET PARKING LOT" COMPLETED DATED JUNE 11, 2013 BY WINDWARD LAND SURVEYING & ENGINEERING, INC., 15 SAUNDERS ROAD, P.O. BOX 401, WEST TOWNSHIRE, MA, AND ARE NOT THE RESULT OF A FIELD SURVEY BY ATLANTIC DESIGN ENGINEERS, INC.
 - THE EXISTING TOPOGRAPHY BROWN HEREON IS BASED UPON 2010 LEAD CONTOUR DATA (SHADES) OBTAINED FROM THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM AND SUPPLEMENTED BY A FIELD SURVEY BY ATLANTIC DESIGN ENGINEERS, INC. IN JULY 2013.
 - WETLANDS RESERVE AREAS SHOWN AS PROVIDED BY LEE ENVIRONMENTAL CONSULTANTS, INC.

Atlantic DESIGN ENGINEERS, L.L.C.
P.O. Box 1051, Sandwich, MA 02563 (508) 888 - 9282

Designed by:	SCALE	Sheet	of
Drawn by:	SCALE 1" = 35'	1	1
Checked by:		JOB NUMBER	2772.01
Survey date:	DATE	NO.	BY
Approved by:	DATE	DATE	REVISION