

PROJECT NARRATIVE

9 Collier Road

Scituate, MA

1.0 Project Summary

The project is described as the raze and rebuild of a single family dwelling located at 9 Collier Road in Scituate, MA, with associated driveway, patio, and utility connections. The site is labeled as Scituate Assessor's Parcel 64-6-2, and approximately 19,491 square feet in size. The lot has frontage along Collier Road to the southwest, is abutted by developed residential property to the north, west, and south, and by the Atlantic Ocean to the east.

The site currently consists of a single-family dwelling with associated gravel driveway, concrete walkways, decks and a mixture of lawn and brush. To the east lies a stone revetment that is part of a Coastal Bank. Per the Scituate Assessor's records, the current dwelling was constructed in 1890. The topography slopes towards the south east, and generally ranges from elevation 48 to 42.

The property is located a FEMA Zone X, as shown on FEMA Flood Insurance 25023C 0137K dated November 4, 2016. The site also has a Coastal Bank along the eastern edge of the property, which have been delineated based on DEP Policy 92-1. The site does not contain any estimated or priority habitats for endangered species, per the NHESP, and is not located within a DEP Zone A, I, or II, or an Outstanding Resource Water.

2.0 Wetland Resource Areas & Impacts

Coastal Banks (310 CMR 10.30)

The proposed work lies within the 100-foot buffer to a Coastal Bank. Area considered a Coastal Bank is defined by section 310 CMR 10.30, and further delineated by Policy 92-1. Coastal Banks are often significant to storm water and flood water damage prevention and to flood control by providing buffers to upland areas. They often serve as a major continuous source of sediment for beaches, dunes, and barrier beaches and the vegetation present on some coastal banks can act as significant wildlife habitats. The Coastal Banks on-site is part of a large stone revetment.

The proposed work will be conducted on a stabilized, previously disturbed construction area that will have no impact on the coastal bank's stormwater damage prevention, flood control, or local wildlife. There is no proposed direct alternation to any area of the Coastal Bank on the site and the proposed work is limited to previously disturbed areas within the buffer zone.

3.0 Construction Phase Mitigating Measures

The following are mitigating measures that will be employed to ensure that impacts to wetland interests protected under the Town of Scituate Wetlands By-Law and the Wetlands Protection Act are minimized to the extent possible.

Erosion and Sedimentation Control

The potential for temporary impacts to wetlands due to erosion and migration of sediments into adjacent wetlands will be mitigated by adherence to basic erosion control practices. These include:

1. Install staked 12" diameter straw wattles and/or silt fence (as directed by Conservation Agent) at the edge of the limit of work as shown on the Plan to Accompany Notice of Intent. This erosion control barrier shall be installed prior to earthwork at the site. An additional stockpile of siltation fence, and stakes will be stored on site for use in repairing the erosion control barrier as needed. Inspections of the erosion control barrier shall be made weekly and after all significant rainfall events.
2. Clearly define the limits of work in the field in order to minimize the extent of clearing and soil disturbance.
3. Stabilize disturbed areas immediately following construction to prevent undue erosion or sedimentation.



SCALE: 1" = 1000'

U.S. GEOLOGICAL SURVEY
7.5 X 15 MINUTE SERIES

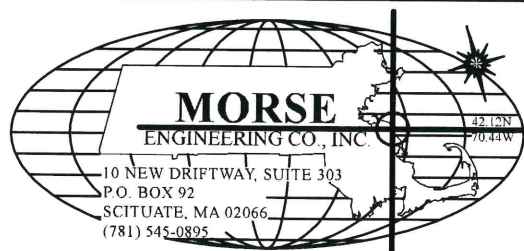
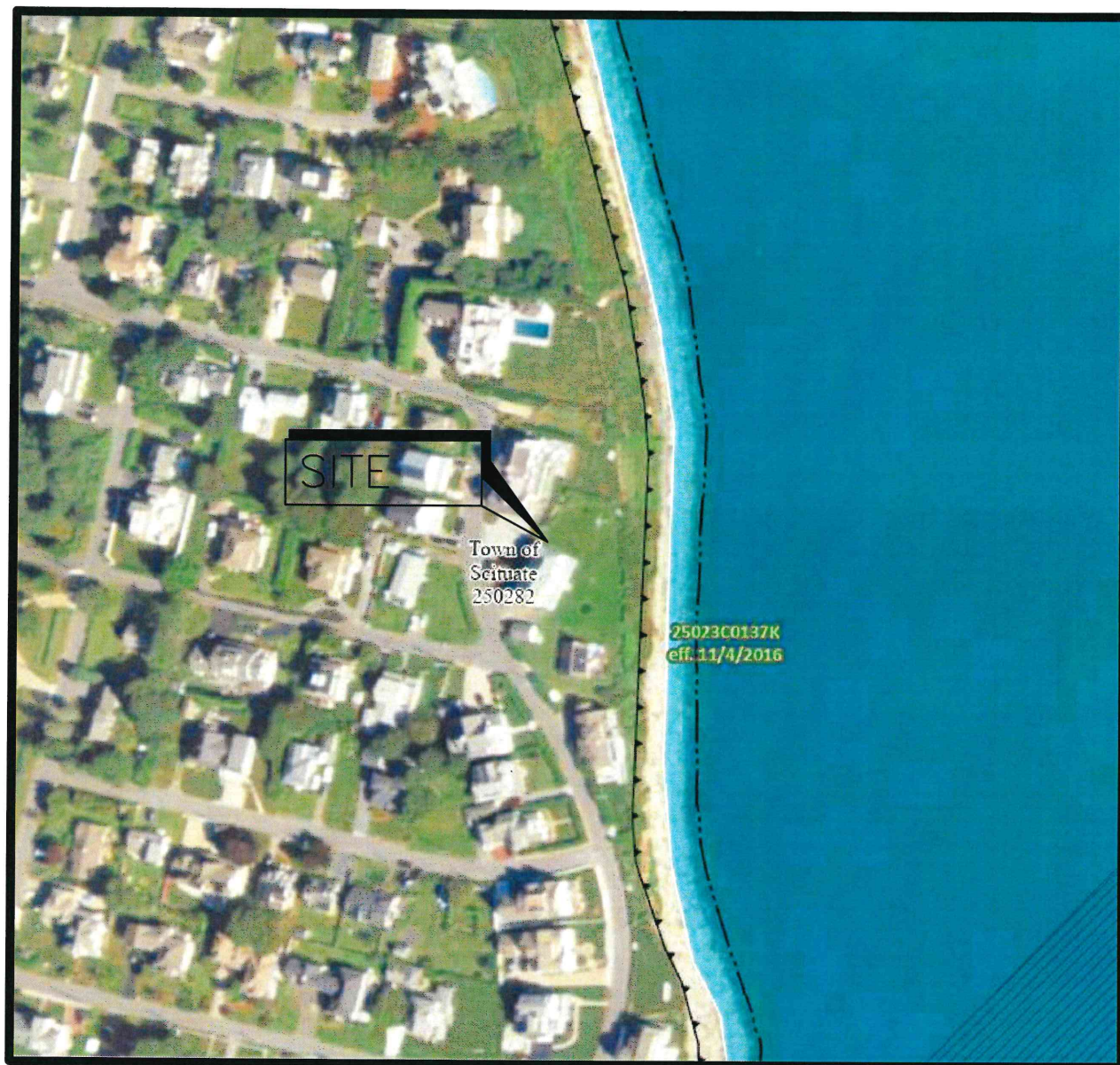


FIGURE — 1

USGS LOCUS MAP
52 PEGGOTY BEACH ROAD
SCITUATE, MASSACHUSETTS



SCALE: 1" = 500'

FLOOD INSURANCE RATE MAP (F.I.R.M.)
 PANEL NO: 25023C 0129K
 EFFECTIVE DATE: NOVEMBER 4, 2016

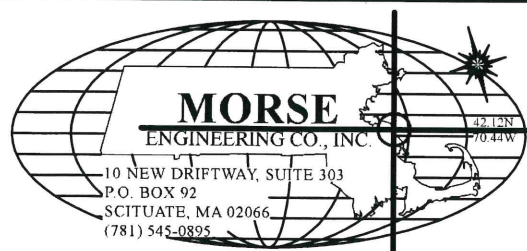


FIGURE - 2

FEMA FLOOD MAP
52 PEGGOTTY BEACH ROAD
SCITUATE, MASSACHUSETTS

