

# **PROJECT NARRATIVE**

## **192 Thomas Clapp Road**

### **Scituate, MA**

#### **1.0 Project Summary**

The project Applicant proposes to construct a swimming pool, patio and fence at 192 Thomas Clapp Road, Scituate, MA. The property is shown as Scituate Assessors Parcel 18-1-4 and is approximately 3 acres in size. The property is previously developed with a single family home, driveway, utility connections, lawn and landscaped areas and is abutted by developed residentially zoned properties. The property slopes in a westerly direction towards an on-site bordering vegetated wetland. There is a certified vernal pool off-site, CVP #3109.

The total disturbance area of the proposed work is approximately 4,000 square feet, all of which is within existing lawn area. Proposed work including the swimming pool, patio & fence are entirely outside the 50' wetland buffer zone & the 125' vernal pool setback.

The proposed project area is not located within any areas designated as estimated or priority endangered species habitat.

#### **2.0 Wetland Resource Areas & Impacts**

Onsite wetland resource areas were delineated by John Zimmer, PWS of South River Environmental Consulting on February 18, 2021.

##### *Bordering Vegetated Wetland (310 CMR 10.55)*

Bordering Vegetated Wetlands (BVW) are likely to be significant to public or private water supply, to ground water supply, to flood control, to storm damage prevention, to prevention of pollutions, to the protection of fisheries and to wildlife habitat. Vegetation, soils and hydrologic indicators were used to establish the vegetated wetland boundary. Numbered sequences of flags were tied in the field to delineate the limits of the wetland resource.

All proposed work lies entirely outside of the 50' wetland setback and the entirety of the proposed work lies within previously disturbed areas.

##### *Vernal Pool Habitat*

Vernal pools are essential breeding habitats, and provide other extremely important wildlife habitat functions during non breeding season as well, for a variety of amphibian species such as wood frog and spotted salamander, and are important habitat for other wildlife species.

All proposed work including the proposed swimming pool, patio and fence lies outside of the 125' vernal pool setback. All disturbed lawn areas will be restored post-construction.

### **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 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 will be mitigated by adherence to basic erosion control practices. These include:

1. Install staked 12" diameter straw wattles and/or silt fence at the upland 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. Regrade, loam and seed exposed soil areas immediately following construction.