

# PROJECT NARRATIVE

## 14R & 16R Friend Street

### Hingham, MA

#### 1.0 Project Summary

The project proponent proposes to raze & rebuild the single family dwelling & construct the associated gravel driveway, grading, lawn, landscaping, and septic system at 14R & 16R Friend Street, Hingham, MA. The property is shown as Hingham Assessor's Parcels 117-0-46 & 117-0-45, and is approximately 1.42 acres. The property is accessed from Friend Street via a common driveway. The property is abutted by developed residentially zoned properties in all directions.

The property is developed with a single family dwelling constructed circa 1949 and associated gravel drive and lawn area. The property slopes in a westerly direction towards the on-site wetlands.

A portion of the lot is located within a FEMA Flood Zone AE (Elev. 31.8) and FEMA Flood Zone X as shown on the FEMA Flood Insurance Rate Map Panel 25023C 0084J dated 7/17/2012.

The site does not contain any areas designated as estimated or priority endangered species habitat or certified vernal pools.

#### 2.0 Wetland Resource Areas & Impacts

##### *Bordering Vegetated Wetlands (10.32 CMR 10.55)*

The proposed work lies partially within the 100' buffer to a Bordering Vegetated Wetland. Bordering Vegetated Wetlands are often significant to public and private water supplies, flood control, storm damage prevention, the protection of wildlife habitats and fisheries. Bordering Vegetated Wetlands also contribute to pollution control and the removal of harmful substances. Vegetation, soils and hydrolic indicators were used to establish the vegetated wetland boundary. Numbered sequences of flags were ted in the field to delineate the limits of the wetland resource.

The proposed work will be constructed in a previously disturbed area that will have no impact on wildlife habitats, pollution control, storm damage prevention, or any private or public water supply. The new house is proposed at a minimum distance of 50' from the BVW.

#### 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 Hingham Wetlands Rules and Regulations 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 upland edge of the limit of work as shown on the Site & Septic Design Plan. 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.