

PROJECT NARRATIVE

Section 1.0 Introduction

The proposed project at 12 Boulder Glen Road in Hingham (the Site) consists of constructing an asphalt driveway over an existing gravel driveway. The proposed project is entirely located within the existing driveway footprint, of which 2550 SF is within the 100-foot buffer zone to Bordering Vegetated Wetlands. This application is being submitted in accordance with the Massachusetts Wetlands Protection Act Regulations and Town of Hingham Wetlands Bylaw.

Section 2.0 Site Description

The site is located at the north end of the Boulder Glen Road cul-de-sac and contains a single-family home with gravel driveway, lawn, landscaped areas, and an above ground pool. The Wetlands Resource Areas to the east of the project area were delineated by South River Environmental in March 2018 and field located by Grady Consulting LLC. The site contains the following wetland resource areas and areas of Conservation Commission jurisdiction:

- Bordering Vegetated Wetlands (BVW)
- 100-foot Buffer Zone to the BVW
- Areas mapped as Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (MaNHESP).
- Area of Critical Environmental Concern

Please note that the project area of the site is located within the buffer zone to BVW only. The project area of the site is:

1. Not within areas mapped as Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (MaNHESP).
2. Not within areas mapped with Certified Vernal Pools according to the MaNHESP.
3. Not within or near USGS mapped streams.
4. Not within an Area of Critical Environmental Concern.
5. Not within an area mapped as Bordering Land Subject to Flooding.

Section 3.0 Proposed Activities

The purpose of this application is to authorize the construction an asphalt driveway over an existing gravel driveway. 2550 square feet of the proposed project occurs within the 100-foot buffer zone to BVW. No existing vegetation will be removed. The proposed project will involve the following activities:

- Installation of Erosion Controls – Prior to the start of work a silt sock will be installed along the proposed limit of work to protect the BVW.
- Proposed Driveway – The construction of an asphalt driveway with a 12” wide and 18” deep swale to the east side of the driveway. 2550 square feet of the proposed work is located within the 100-foot buffer zone to BVW and within the footprint of the existing driveway. Please note that there will be no work within the 50 foot buffer zone.
- Landscape Activities - A shrub buffer consisting of 19 shrubs of native species.

Section 4.0 Summary

Erosion and sediment control measures will be implemented and maintained throughout the duration of the construction process to prevent the conveyance of sedimentation into environmentally sensitive areas. Disturbed areas will be stabilized upon the completion of work, and in the event that intense rainfall is expected, reinforcing control measures will be installed as needed to protect all wetland resource areas. Stockpiling of soils, if any, shall be located beyond the 50-foot buffer zone and surrounded by the erosion controls as necessary. Erosion control measures shall remain in place and be maintained until the project has been completed.