PROJECT DESCRIPTION

1. Introduction

This Notice of Intent application is being filed for the proposed reconstruction of a single-family home located at 93 Kimball Beach Road in Hingham (the site). The Town of Hingham Assessors Department references the site as Parcel #15-0-89. The proposed project includes razing the existing home, rebuilding within the same general footprint and associated grading, landscaping, utility installation, etc. Portions of the proposed project occur within the 100-foot buffer zone to a Coastal Bank and Land Subject to Coastal Storm Flowage. Prior to the start of work, erosion controls will be installed in order to protect wetland resource areas. This application is being submitted in accordance with the Massachusetts Wetlands Protection Act and the Town of Hingham Wetlands Protection Bylaw.

2. Site Description

The site consists of a single-family home with a gravel driveway, paver patio, concrete seawall, maintained lawn, landscaped areas, etc. The site is located to the north of Kimball Beach Road, surrounded by single-family homes to the east and west and abuts Hingham Bay to the north. Environmental Consulting & Restoration, LLC (ECR) performed a field review of the site on August 12, 2020, ECR is able to confirm that the site contains the following wetland resource areas and areas of Conservation Commission jurisdiction:

- Coastal Bank
- 100-foot buffer zone to a Coastal Bank
- Land Subject to Coastal Storm Flowage

Notes:

1. The site <u>is not located</u> within an area mapped as Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (MaNHESP).
2. The site <u>does not contain</u> or is near a Certified Vernal Pool according to the MaNHESP.
3. The site <u>is located</u> within an area mapped as Land Subject to Flooding according to the FEMA Maps.
4. The site <u>does not contain</u> or is near a U.S.G.S. mapped stream.
5. The site <u>is not located</u> within an Area of Critical Environmental Concern (ACEC).

3. Proposed Activities

The purpose of this application is to authorize the reconstruction of a single-family home with appurtenances at the site. Portions of the proposed project occur within the 100-foot buffer zone to a Coastal Bank and Land Subject to Coastal Storm Flowage. The proposed project will involve the following activities:

- Installation of Erosion Controls – Prior to the start of work an erosion control line shall be installed along the limit of work associated with the reconstruction project. The erosion control line will demarcate the limit of work associated with the raze and rebuild project as well as protect the nearby wetland resource areas.

- Proposed Raze & Rebuild – The existing home is proposed to be razed and a new home constructed within the same general footprint. The proposed rebuild project includes associated grading, landscaping, utility installation, etc. This proposed work is within the 100-foot buffer zone to a Coastal Bank and Land Subject to Coastal Storm Flowage.

- Landscape Activities - All disturbed areas associated with the project will be restored and stabilized as lawn and/or landscape beds. All landscape plant materials proposed within the 100-foot buffer zone at the site will consist of native plant species. The proposed lawn will consist of environmentally friendly grass seed mix that requires little maintenance needs such as irrigation and fertilization. ECR recommends using a grass seed mix with a high content of tall fescues, which requires less irrigation and fertilization needs.

4. 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 and materials, 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 such time that a Certificate of Compliance has been issued by the Hingham Conservation Commission, stating that the project has been constructed in accordance with the conditions set forth in the Order of Conditions. As a result, it is my opinion that the project protects the Interests of the Massachusetts Wetlands Protection Act and the Town of Hingham Wetlands Protection Bylaw for the adjacent Resource Area and the Applicant is entitled to an Order of Conditions approving the project.