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Narrative – Map 36 Lot 105 – 197 Hersey St, Hingham

TOWN OF HINGHAM
CONSERVATION

The project consists of the construction of an in-ground pool, with a bordering fence, landscaping and, site grading within the 100 ft buffer zone of a Bordering Vegetated wetland (BVW).

The wetland resource area was delineated by South River Environmental on December 16, 2020. The resource areas consist of a Bordering Vegetated Wetland (BVW) on the East side of the lot. No work is proposed within the wetland resource area.

The Project has been designed to comply with the performance standards for both the Regulations and the Bylaw. The lot is an existing lot of record endorsed by the Plymouth County Registry of Deeds book 46334 page 166 on December 1st, 2015.

The work within the buffer includes grading, construction of a pool, relocation of a dry well, and associated landscaping. The closest point of work to the resource area is 50 ft for the border fence. The proposed pool within the 100' buffer will be built approximately 68 ft from the BVW.

A 12-in diameter silt sock erosion control barrier is proposed at the limit of the proposed work to mitigate erosion and sedimentation of the resource area during construction and until slope stabilization has occurred. A crushed stone construction entrance is proposed to limit sediment on the adjacent roads and drainage systems.

The project as proposed protects the wetlands, water resources, and adjoining land areas in Hingham by controlling activities deemed by the Conservation Commission likely to have a significant or cumulative effect upon resource area values.

The applicant has located the project as far from the resource area as possible and within the aforementioned constraints of the property. The project protects the wetland values that are protected by the Hingham Wetlands Bylaw regulations as follows:

Public or private water supply: The site is not located within a Zone I or Zone II of a water supply. This project will not create any adverse effects to water supplies.

Groundwater and groundwater quality: There will be no negative impacts to groundwater from the proposed project. Erosion control (silt sock) is proposed to mitigate sedimentation of the resource area during construction until slope stabilization has occurred.

Surface water and surface water quality: Erosion control (silt sock) is proposed to mitigate sedimentation of the resource area during construction until slope stabilization has occurred. There will be no negative impacts to groundwater from the proposed project.

Flood Control: There is proposed landscaping and a fence within a Zone A flood zone, no base flood elevation determined by FEMA. No grading is proposed within the flood zone. The proposed project will not reduce the flood zone's flood storage capacity.

Erosion and sedimentation control: The project proposes a silt sock erosion control barrier between the proposed work and the resource area to mitigate erosion and sedimentation of the resource area during construction. The erosion controls will remain in place until the site is stabilized with vegetation.

Prevention of water pollution: The project provides water pollution protection through treatment and infiltration. A natural vegetated buffer is proposed to remain.

Storm drainage: The work proposed within the jurisdiction of the Commission is associated with the construction of a single-family dwelling. Single-family dwelling projects are exempt from state stormwater regulations. The majority of the work will not significantly increase runoff. The project as proposed provides prevention of storm drainage.

Fisheries: The project does not contain these resources.

Wildlife Habitat: The proposed project will not alter or have an adverse effect on wildlife habitat. The project proposes an undisturbed vegetated woodland buffer to the greatest extent feasible between the project and the BVW.

Recreation: The property is a residential use and is not currently used for recreational purposes. The project will maintain this use of the property.

Agriculture: The site does not provide any agricultural resources.

Aesthetics: The property is a residential use and the proposed project is in harmony with other single-family dwellings in the area.

Fish/shellfish habitat: The site does not contain any of these resources.

Rare plant and animal species: The site is not located within a priority habitat as depicted on the latest NHESP maps.

Riverfront Areas: This site is not located within a riverfront area.

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