

# Memo

TO: Conservation Commission Members  
FROM: Peter Britz, Environmental Planner  
DATE: September 4, 2020  
SUBJ: September 9, 2020 Conservation Commission Meeting



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## 148 Brackett Road

This application is provide shoreline improvements in the form of several restoration berms, and a raingarden where there is currently bare ground and lawn area. Also, a new concrete dock footing and a stone shoreline revetment are proposed along an eroding section of shoreline.

*1. The land is reasonably suited to the use activity or alteration.*

The proposed work is necessary to protect an eroding bank and to enhance a lawn area with more native shoreline plantings.

*2. There is no alternative location outside the wetland buffer that is feasible and reasonable for the proposed use, activity or alteration.*

The applicant is proposing to protect and restore this area of the site which is in need of protection. As such it is the most reasonable location for the work.

*3. There will be no adverse impact on the wetland functional values of the site or surrounding properties.*

The applicant has proposed a thoughtful design which incorporates vegetation enhancement stormwater infiltration and shoreline protection. The project is designed to enhance the functional value of the tidal buffer zone.

*4. Alteration of the natural vegetative state or managed woodland will occur only to the extent necessary to achieve construction goals.*

The natural vegetated state is being enhanced by this project. Where there is currently lawn and bare ground wetland buffer plantings are proposed along with a series of berms and saltmarsh plantings directly along the shoreline above the proposed revetment.

*5. The proposal is the alternative with the least adverse impact to areas and environments under the jurisdiction of this section.*

The proposed project has been designed to reduce the impacts from the erosion that is currently taking place on the site. The proposed buffer plantings, berms raingarden, saltmarsh plantings and revetment have been designed to reduce existing adverse impacts.

*6. Any area within the vegetated buffer strip will be returned to a natural state to the extent feasible.*

The applicant has proposed plantings which are designed to enhance the buffer with native plantings.

**Recommendation:** Staff recommends approval of this application as presented.