



Pacific Surveying & Engineering

## MEMORANDUM

**To:** City of Bellingham Permit Center

**From:** Jeff Vander Yacht, P.E.

**Date:** November 7, 2023

**Re:** Preliminary Stormwater Memo – 830 Briar Road Residence

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The purpose of this memo is to provide a preliminary stormwater management analysis for the proposed development of a single-family residence at 830 Briar Road. This analysis is being prepared to assist with the pre-application permitting process in the City of Bellingham.

The existing parcel of land is currently undeveloped. The project will construct a single-family residence, driveway, parking court, and necessary utility services. The project site is approximately 0.61 acres and located on tax parcel 370214 386450 0000. The project proposes to construct approximately 6,000 square feet of new hard surfacing and less than 5,000 square feet of pollution generating hard surfaces.

This property is within the Madrona Point Plat. We believe that the Madrona Point Plat previously installed stormwater facilities to serve construction of various single-family residences. Based on a review of the CityIQ database, we believe that the Madrona Point Plat stormwater infrastructure consists of underground pipe conveyance systems that outfall directly to Bellingham Bay.

The project proposes to convey all surface water runoff from new hard surfaces to an existing stormwater conveyance pipe located along the east property line, down gradient from the home site. Attached is a preliminary stormwater site plan detailing the location of the proposed residence, proposed driveways, and the proposed connection to the existing stormwater conveyance system.

A detailed stormwater site plan and erosion control plan will be prepared and submitted with the final civil design plans during the building permit application and review process.

We hope that this analysis provides the City of Bellingham with enough information to facilitate the pre-application review process.



11-07-2023



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 830 BRIAR ROAD, BELLINGHAM, WA  
 STORMWATER SITE IMPROVEMENTS  
**PRELIMINARY DRAINAGE PLAN**

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