



NELSON GEOTECHNICAL  
ASSOCIATES, INC.

EXHIBIT # 9.0

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## MEMORANDUM

DATE: August 26, 2020  
TO: Ms. Rebekah Weston – Red Barn Engineering, Inc.  
FROM: Khaled M. Shawish, PE  
Carston T. Curd, GIT

Erosion Hazard Evaluation – REVISION 2  
**Rinehart Short Plat**  
**17628 – 25<sup>th</sup> Avenue NE**  
**Lake Forest Park, Washington**  
NGA File No. 1183620

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SEP 2 2020



### INTRODUCTION

This memorandum summarizes our conclusions and recommendations regarding the planned Rinehart Short Plat located at 17628 – 25<sup>th</sup> Avenue NE in Lake Forest Park, Washington. We have reviewed the geotechnical explorations and infiltration report titled “Infiltration Evaluation – Rinehart Residence Short Plat – Lake Forest Park, Washington,” dated September 17, 2018 and produced by Red Barn Engineering, Inc. (Red Barn). We have also reviewed Civil Engineering plan set for the project produced by Red Barn titled “Rinehart Short Plat,” dated April 6, 2019.

We understand that a portion of the property has been classified as an ‘Erosion Hazard’ based on the 1990 King County Sensitive Areas Ordinance. You have requested consultation on the presence of an erosion hazard area within the site, as well as determination of potential impacts to the critical areas, if present, from planned infiltration systems. Infiltration systems will include four, 8-foot deep drywells filled with ½ to 3-inch diameter washed rock.

### EROSION HAZARD EVALUATION

The City of Lake Forest Park Municipal Code (LFPMC) Section 16.16.040 (G) defines Erosion Hazard Areas as those which are rated as severe to very severe erosion hazards, including slopes greater than 15 percent with erodible soils that are exposed.

Disturbed areas should be planted as soon as practical and the vegetation should be maintained until it is established. Once construction has been completed we recommend that any areas of bare soils be revegetated and maintained until established. Erosion potential of areas not stripped of vegetation should be low.

We trust this memorandum should satisfy your needs at this time. Please contact us if you have any questions or require additional services.

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