



# N.L. OLSON & ASSOCIATES, INC.

ENGINEERING, PLANNING AND SURVEYING

September 30, 2019

Project Number: 10507-18

Attn: Kitsap County  
Department of Community Development  
619 Division St.  
Port Orchard, WA 98366  
(360) 337-5777

BASIC PERMIT PACKAGE  
REVIEWED FOR CODE COMPLIANCE  
WITH IRC 2015  
KITSAP COUNTY BUILDING DEPARTMENT

Subject: **Soil Bearing Pressure Modification**  
ENW Red Barn Lane LLC  
Permit Number 19-03646

Following our review of redlines provided by Kitsap County's DCD, N.L. Olson & Associates, Inc. (NLO) has provided the following responses to their 09/24/2019 comment regarding soil bearing pressure.

Kitsap County DCD Comment, 9/24/2019: The soil bearing pressure shall be 1,500 psf unless a soil analysis has been performed. Please revise the plan or revise a soil analysis showing 2,500 psf.

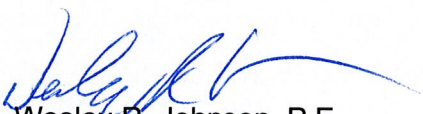
**NLO's Response:**

In our opinion, an allowable soil bearing pressure of 2,500 pounds per square foot (psf) can be utilized for structural fill or medium dense to dense in-situ soils. NLO has based our opinion on the site's suitability for the provided allowable soil bearing pressure with our compaction test results and observations during general grading operations.

Prior to foundation concrete formwork or rebar installation, NLO's representative should verify the soil bearing pressure has been achieved for each of the foundation subgrade areas associated with the proposed development.

Should you have any questions, which have not been addressed, or if we may be of additional assistance, please call our office.

Sincerely,

  
Wesley R. Johnson, P.E.  
Geotechnical Division Manager



Established Basic Permit #

**19-03646**

Geotechnical Engineering Services

N.L. Olson & Associates, INC. 2453 Bethel Avenue, Port Orchard, Washington 98366

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**Permit Number: 20-04894**