ABPB CONSULTING

GEOTECHNICAL/EARTH SCIENCES

PAUL BONIFACI, P.E.G.
ANIL BUTAIL, P.E.

12525 Willows Road, Suite 80
Kirkland, WA 98034
Phone: 425-820-2544
Fax: 206-418-6448

June 10, 2015
Project No. 1379

Mr. Leo Suver
Steve Burnstead Construction
11980 NE 24th St., Ste. 200
Bellevue, Washington 98005

Subject: Geotechnical Review
Proposed House Layouts
Portofino
NE 43rd Street
Kirkland, Washington

Reference: Geotechnical Review, Portofino, March 18, 2015

Dear Mr. Suver:

As requested, we have reviewed the proposed lot layouts for the Portofino project as shown on a drawing prepared by McCullough Architects, dated June 4, 2015. We also reviewed the proposed finish floor levels and the existing topography that you also provided to us. The purpose of our review was to evaluate the proposed layouts and finish grades to determine that the conclusions presented in our March 18, 2015 report continued to be valid.

The current site layout shows six lots (designated 1-6 going from east to west) located on the south side of the cul-de-sac which provides access to the project. It is proposed to construct a single family residence on each of the six lots. The residences will be constructed with partial or daylight basements and will be of wood frame construction.

Site grades on the project generally drop down gradually from east to west with a total drop of about 60 feet in the area in which the houses are to be constructed. The overall gradient is less than 15 percent.

As indicated in our earlier report, the site is generally underlain by medium dense silty sands near the surface followed by dense glacial till soils at depths of 3 to 4 feet below the ground surface.

No significant grading is planned on the project. Based on the finish grades provided to us, cuts of 6 to 10 feet will be required on the uphill sides of the houses to be constructed on the lots. Minor fills may be required on the downhill sides of Lots 4 and 5. With the proposed finish grades, we anticipate that the foundations of the residences will extend down to competent native soils.

All recommendations for foundation and earthwork design and construction as presented in our earlier report continue to be applicable and may be followed for the currently proposed building layouts.

Please call if you have any questions regarding our review comments and conclusions.

Sincerely yours,

ABPB CONSULTING

Paul K. Bonifaci, P.E.G.
Project Engineering Geologist

ANIL BUTAIL
STATE OF WASHINGTON
17005
REGISTERED
PROFESSIONAL ENGINEER

Anil Butail, P.E.
Principal Engineer