

May 8, 2020
File No. 19-062

Mr. Benjamin C. Altman, Exe.,
The Estate of James Altman, Sr.
Attn: George Steirer, Plan to Permit, LLC.
10365 El Honcho Place
San Diego, CA 92124-1219

**Subject: Geotechnical Report Addendum Pin Pile Distribution
East Lot, Parcel 302405-9151
6423 East Mercer Way
Mercer Island, WA**

Dear Mr. Altman,

As requested, PanGEO prepared the following report addendum to provide geotechnical guidance regarding the portion of the foundations of the planned house on Parcel 302405-9151 that may require pin pile support. Based on our review of the current plans, it appears that the north and part of the east wall of the house may be underlain by soft/loose colluvial soils which may require the local use of pin pile foundations to avoid excessive settlement. Accordingly, we recommend using driven pin piles to support the portion of the house illustrated in Figure A. Detailed recommendations for pin pile support are provided in PanGEO's Geotechnical Report dated April 16, 2019. Actual distribution of pin piles will be determined in the field based on observed depths to competent soil in the footing excavations. That is, spread footing foundations may be

Geotechnical Report
6423 East Mercer Way, East Lot, Parcel 302405-9151
Mercer Island, Washington
May 8, 2020

used where competent soils underlie the footings at depths less than about 2 feet and pin pile foundations should be used where competent soils are deeper.

We trust that the information outlined in this letter meets your needs. Please call with any questions.

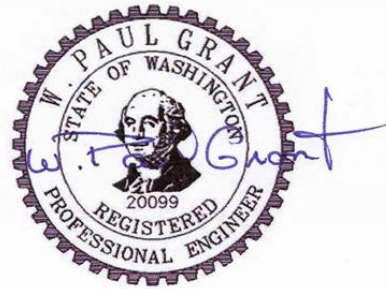
Sincerely,



STEPHEN H. EVANS

Stephen H. Evans

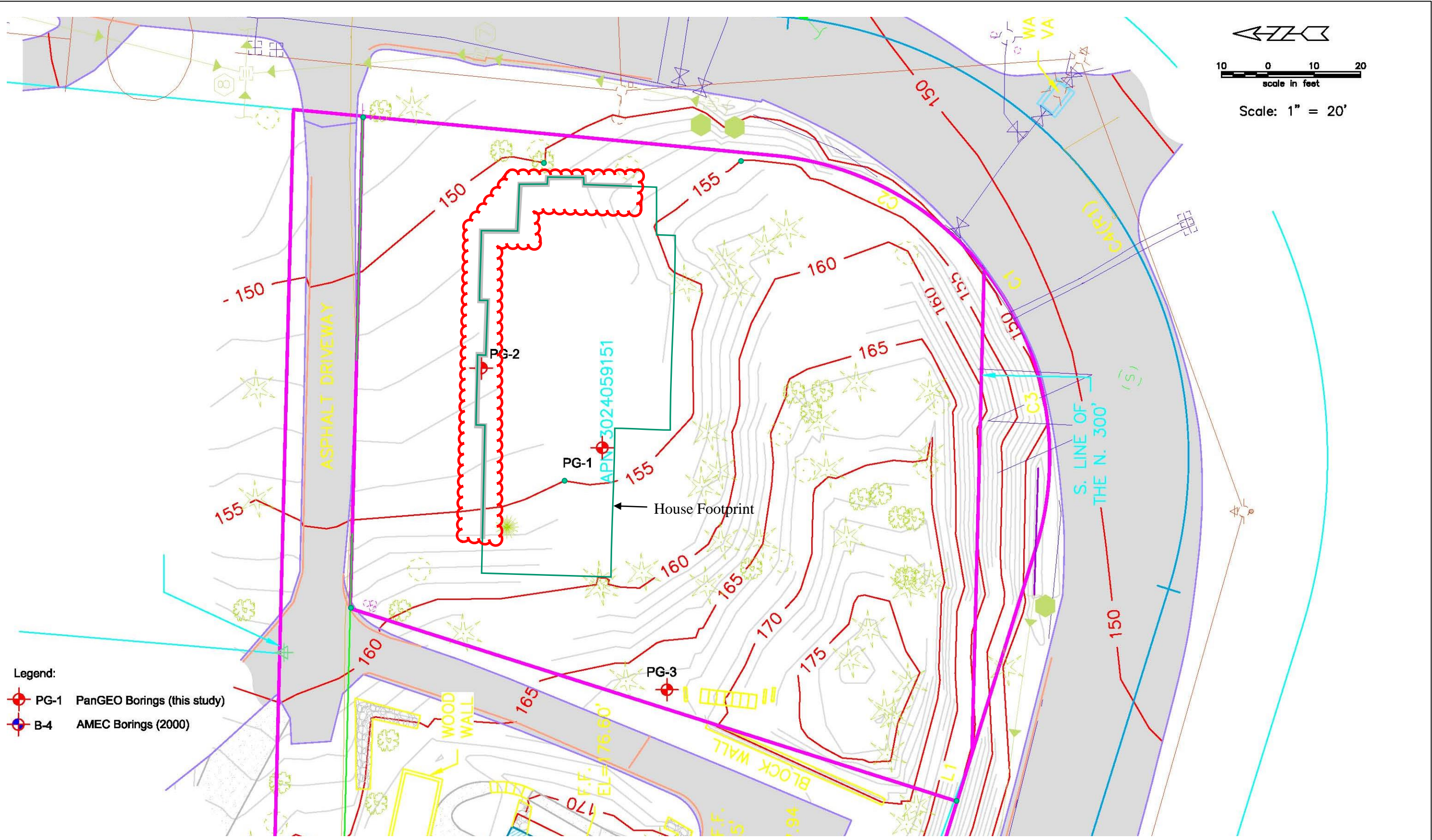
Stephen H. Evans, L.E.
Senior Engineering Geologist



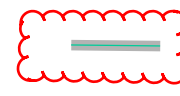
W. Paul Grant, P.E.
Principal Geotechnical Engineer

Encl:
Fig. A – Potential Areas Requiring Pin Pile Support

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- Legend:
- PG-1 PanGEO Borings (this study)
 - B-4 AMEC Borings (2000)

 Portion of Foundation Likely Requiring Pin Piles



Proposed Development
 Lot 3024059151
 6423 East Mercer Way
 Mercer Island, Washington

Potential Areas Requiring Pin Pile Support

Project No. 19-062	Figure No. A
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