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February 4, 2022

Job No. 2541.1.13

Pink Viking, ORH
400 College Avenue
Santa Rosa, CA 95401
Attention: Brian Flahavan
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Report
Soil Engineering Consultation
and Report Update
Pink Viking Subdivision
Cotati, California

As requested, this report presents the results of our soil engineering consultation and investigation report update for the proposed Pink Viking Subdivision at 8841 Old Redwood Highway in Cotati, California. We performed a soil investigation for the project, and the results were presented in a report dated October 14, 2014. Our general recommendations included criteria for site grading to accommodate post-tensioned slab floor and foundation systems. We have reviewed that report, and our engineer was on-site on February 1, 2022 to perform a brief site observation. Based on our review of the report and the current surface features exposed, we judge that the general conclusions and recommendations would still be applicable to the proposed construction with the following updated seismic design criteria per the 2019 California Building Code (CBC).

SEISMIC DESIGN

The geologic maps reviewed did not indicate the presence of active faults at the site, and the property is not located within a presently designated Alquist-Priolo Earthquake Fault Zone. Because of the proximity of active faults in the region and the potential for strong ground shaking, it will be necessary to design and construct the project in strict accordance with current standards for earthquake-resistant construction. We have determined the seismic ground motion values presented below in accordance with procedures outlined in Section 1613 of the 2019 CBC.

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2019 CBC Ground Motion Parameters

Site Class C

Mapped Spectral Response Accelerations:

S _s	1.579g
S ₁	0.600g

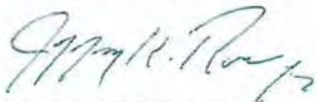
Design Spectral Response Accelerations:

S _{Ds}	1.263g
S _{D1}	0.560g

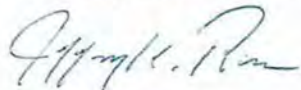
We trust this provides the information needed at this time. If you have questions or wish to discuss this in more detail, please do not hesitate to contact us.

Yours very truly,

REESE & ASSOCIATES



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Civil Engineer No. 85560



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Civil Engineer No. 47753



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