

October 3, 2018
Job No. 3476.16

Mary Ann Beltramini
981 Quarry Street
Petaluma, CA 94954

Plan Review
Geotechnical Engineering Services
during Final Design
22 Chelsea Drive
Larkfield Estates Subdivision
Santa Rosa, California

This letter transmits our comments regarding the following project plans:

1. Sheets S0.1-S0.3, dated September 2018, Sheets S0.4-S4.0, dated July 2018, prepared by IEC Corporation.
2. Sheet A1.0, dated September 12, 2018, prepared by Henderson Architect.

We previously performed a geotechnical investigation for the project and transmitted the results in our January 19, 2018 report. We are performing this plan review as requested by you and in general accordance with the continuing services clause of our December 4, 2017 agreement.

We have reviewed the soil related portions of the referenced plans and find that the plans are in general conformance with the intent of our recommendations.

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As a reminder, it should be expected that the garage and exterior slabs-on-grade will experience differential movements. If better slab performance is required or desired, it will be necessary to overexcavate portions of the weak and expansive soils (if encountered) and replace these with suitable non-expansive fill. We can provide specific recommendations for improved slab performance, as requested.

Providing grading recommendations for the new driveway areas were not part of our investigation scope of work. If desired, we would be pleased to provide supplemental consultation regarding the driveway.

We should observe the start of foundation excavations to note the conditions exposed and provide recommendations to the contractor. We should observe the completed excavations prior to the placement of reinforcing steel and concrete. We will observe the geotechnical and special inspection related items on an "on-call" basis. We can not comment on the adequacy of items we are not contacted to observe. We must be provided with at least 48 hours notice for scheduling our initial site visit, and 24 hours thereafter.

We trust this provides the information you require at this time. If you have questions or wish to discuss this further, please call.

Very truly yours,

BAUER ASSOCIATES, INC.



Bryce Bauer
Geotechnical Engineer



BB
Email only