

CHANDLER KOEHN CONSULTING

March 8, 2019

Reference No: 2018044

Bob Chandler

Sent via email to: bobhchandler@gmail.com

Subject: Foundation Plan Review for a Home Reconstruction at 4570 Brighton Drive in Santa Rosa, California.

References: 1. Structural Plans, Chandler Residence, 4570 Brighton Drive, Santa Rosa, CA 95403, 8 sheets, by Creative Structural Engineering, dated February 26, 2019.
2. My, "Geotechnical Investigation for a Single Family Residence at 4570 Brighton Drive in Santa Rosa, California," dated October 29, 2018.

Dear Mr. Chandler:

In accordance with your request, I have reviewed the referenced foundation plans listed above for the subject site. Based on my review, it appears that the foundation plans and details are in general conformance with my recommendations provided in the referenced Geotechnical investigation report with the following clarification.

- Sheet SN1, Foundation Design Criteria, Item 5, 4th sentence, reads, "Wet trenches immediately before placing concrete per Geotechnical Engineer requirements." I recommend limiting footing excavation water just before concrete placement. My report recommends maintaining the footing/sub-slab soils in moist condition and to provide protection from saturation (cover with plastic for rain) or drying (water conditioning) until concrete is placed. Concrete placement over saturated or dry soil conditions should be strictly avoided.

I hope this letter provides the information that is needed at this time. If you have any questions, please feel free to contact me at (707) 972-2897.

Sincerely,



Chandler H. Koehn, P.E., G.E.
Geotechnical Engineer

