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Job No. 209.1.13

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Report
Soil Engineering Consultation
and Review of Plans
Field Winery
Cloverdale, California

This report presents the results of our soil engineering consultation and review of plans for the Field Winery building in Cloverdale, California. Giblin Associates performed a soil investigation for the project, and the results were submitted in their report dated May 19, 2009. Recommendations for foundation support included criteria for well reinforced and well-tied-together spread footings bottomed on properly compacted fill. We reviewed grading plans and provided soil engineering observation and testing during grading of the building pad, and the results were summarized in our reports dated January 25, 2010 and December 21, 2012, respectively.

Plans prepared by Tierney/Figueiredo, Architects are dated February 3, 2015 and indicate that the winery will be a tall, one-story, metal building with concrete slab-on-grade floors.

Foundation plans for the building prepared by DLF Engineers, Inc. are dated September 5, 2014 indicate a continuous perimeter concrete footing with pad footings at column locations and interior grade beams. Based on our knowledge of the subsurface conditions, we believe that the foundation system as planned would be suitable for the proposed winery construction.

Our records indicate rough grading of the building pad was completed in 2011. Our experience indicates that some deterioration of the upper portion of the pad fills could occur with time. Accordingly, stripping of grass/weeds and possible recompaction of the upper portion of the pad could be needed, as determined in the field by the soil engineer.

Positive surface drainage should be provided away from all foundations. The ground surface around the perimeter of the building should be sloped so as to provide positive lateral drainage. The roof should be provided with gutters, and the downspouts should discharge into planned drainage system or onto paved areas or splash blocks draining at least 30 inches away from foundations.

Based on our plan review and previous work at the site, we believe that the materials and methods indicated on the plans are in general conformance with our recommendations and the intent of the recommendations outlined in the investigation report. We recommend that the pad preparation and footing excavations be observed by the soil engineer to verify that the actual conditions encountered are as anticipated and to modify our recommendations, if warranted.

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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