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Report Addendum
Vineyard Development
Harcross Winery
6402 Dry Creek Road
Napa, California

Project Number: 7362.01.06.2

RGH Consultants (RGH) understand that it is planned to develop two vineyard blocks associated with the planned Harcross Winery at 6402 Dry Creek Road in Napa, California. The results of our geotechnical study for the residential project at the subject property were presented in a report dated December 31, 2019. We also performed a supplemental geotechnical study addressing the planned winery (referred to as “Enan Residence Winery” in our report) and presented the results in a report dated April 6, 2022. RGH has been providing observation and testing during construction of the residence and grading of the residence driveway since September 2022. The purpose of this addendum is to provide geotechnical conclusions regarding the proposed vineyard development in response to information requested by Napa County during their review of the project Agricultural Erosion Control Plan (ECPA) Record Number P23-00325-ECPA.

In preparation of this addendum, we reviewed our previous work at the subject property, and the following documents provided to us by Applied Civil Engineering, Incorporated:

- Sheets C1 through C5 of 5 sheets of a plan set titled “Harcross Winery Vineyard Development Erosion Control Plan”, dated November 10, 2023, prepared by Applied Civil Engineering, Inc.;
- Letter titled “Soil Loss Analysis, Harcross Winery/Enan Vineyard”, dated August 24, 2023, prepared by David A. Steiner; and
- Letter titled “RE: Application Review Determination – Harcorss Winery Vineyard”, dated December 8, 2023, prepared by Donald Barrella, Planner III, County of Napa Planning, Building, & Environmental Services, including Exhibit A.

Our responses to Exhibit A, item “e” of the above-referenced letter from Napa County, are provided below.

- i. The planned grading for the vineyards includes smoothing out the existing topography. As such, the cuts and fills are generally less than 1 foot. During grading for the residence driveway, which is upslope of the vineyard blocks, subdrains were installed and weak, potentially unstable near surface soils were removed and/or buttressed by the grading. Additional subdrains and buttressing of potentially unstable soil will be performed during grading for the winery driveway that extends between the two vineyard blocks. Based on the planned vineyard topography and the grading work performed to date and that planned for the winery driveway, we judge that the installation of the planned vineyard blocks, including ripping to approximately 2 feet, will not reduce the stability of these slopes.
- ii. The Soil Loss Analysis prepared by David A. Steiner referenced above demonstrates no increase in soil loss rates as required by the Napa County General Plan. Therefore, no change in sediment delivery to onsite or offsite drainage features is expected as a result of this project.
- iii. Because sediment delivery rates to onsite and offsite aquatic resources will not increase, no impact to those resources is expected as a result of this project.

The conclusions presented herein are subject to the limitations set forth in our referenced reports. We trust this provides the information you require at this time. If you have questions, please call.

Very truly yours,
RGH Consultants



Eric G. Chase
Principal Geotechnical Engineer
Project Manager



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Jared J. Pratt
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EGC:JJP:scf:brw
Electronically submitted