



Experience is the difference

Santa Rosa Office

3501 Industrial Drive, Suite A
Santa Rosa, CA 95403
707-544-1072

Napa Office

1041 Jefferson St, Suite 4
Napa, CA 94559
707-252-8105

September 13, 2024

Duckhorn Vineyards
Attention: Erich Kroll
1201 Dowdell Lane
St. Helena, CA 94574
Ekroll@duckhorn.com

Geotechnical Review
Foundation Plans
Sonoma Cutrer Shade Sail
4401 Slusser Road
Windsor, California

Project Number: 5489.004.08.1

This letter documents our geotechnical review of the foundation plans for the proposed shade sail to be constructed at the subject property. The results of our geotechnical study for the project were presented in a report update letter dated September 11, 2023. The foundation plans we reviewed are Sheets T1 and S1 of a plan set titled "Shade Structure For: Sonoma Cutrer," prepared by Tim Lorenz Architect, dated May 8, 2023, and revised September 3, 2024.

Based on our review, we conclude that the foundation type, minimum diameters, and depths of embedment shown on the indicated plan sheets are in general conformance with the intent of the recommendations presented in the geotechnical study report update letter. Review of calculations addressing resistance to structural loads and reinforcing of foundation elements is not within our area of expertise and was not included in our scope of services for this plan review.

During construction, we should observe the actual conditions exposed in the foundation excavations. These observations will allow us to check that the soil/rock conditions are as anticipated, and to modify our recommendations, if necessary. We should also observe site excavations, compaction of fills and backfills, and perform field and laboratory testing, as appropriate, and we must verify the installation of the drainage improvements recommended in our report. Our geotechnical consultation and grading observation and testing services provided during the construction phase of the project will be documented in a written report, as required.

We trust this provides the information you require at this time. Please contact the project manager if you have questions.

Very truly yours,
RGH Consultants



Eric G. Chase
Principal Geotechnical Engineer
Project Manager



cc: Michael Holberg
mthdrafting@gmail.com

EGC:TAW:msz:brw
Electronically submitted

[https://rghgeo.sharepoint.com/sites/shared/shared documents/project files/5251-5500/5489/5489.004.08.1 sonoma cutrer shade sail/.01 - prv/5489.004.08.1 plan review-foundation.docx](https://rghgeo.sharepoint.com/sites/shared/shared%20documents/project%20files/5251-5500/5489/5489.004.08.1%20sonoma%20cutrer%20shade%20sail/.01%20-%20prv/5489.004.08.1%20plan%20review-foundation.docx)