



RIVERSIDE COUNTY PLANNING DEPARTMENT

Charissa Leach, P.E.
Assistant TLMA Director

July 6, 2020

South Shore Testing and Environmental
Attn: John Frey
Email: ss.testing@aol.com

RE: Conditions of Approval
County Geologic Report No. 200008
"Preliminary Geotechnical Investigation, Proposed Cemetery – Anza First Southern Baptist Church, APN 575-140-013, 20-Acres, Rolling Hills Road, Anza Area, Riverside County, California, Work Order No. 0991804.00" dated June 15, 2018.

County Geologic Report GEO No. 200008, submitted for the project CUP180004, was prepared by South Shore Testing and Environmental, and is titled; "Preliminary Geotechnical Investigation, Proposed Cemetery – Anza First Southern Baptist Church, APN 575-140-013, 20-Acres, Rolling Hills Road, Anza Area, Riverside County, California, Work Order No. 0991804.00" dated June 15, 2018. In addition, the following document has been submitted for the project:

"Response to the Riverside County's Review Comments, County Geologic Report No. 200008, Preliminary Geotechnical Investigation, Proposed Cemetery – Anza First Southern Baptist Church, APN 575-140-013, 20-Acres, Rolling Hills Road, Anza Area, Riverside County, California, Work Order No. 0991804.00" dated April 28, 2020.

GEO200008 concluded:

1. Based on our geologic mapping, aerial photograph review, and literature review, we anticipate the risk of surface rupture as a result of active faulting is considered negligible.
2. Owing to the depth of groundwater (>50 feet deep), in our opinion that liquefaction potential is low, and further analysis appears to be unwarranted at this time.
3. The settlement potential, under seismic loading conditions for these onsite materials, in our opinion, is low.
4. The geologic hazards of landslides, seiche, tsunamis, and rockfall are not considered potential hazards at the site.
5. Observation, classification, and testing indicate that the near surface soils have a low expansion potential (EI=25).

GEO200008 recommended:

1. Any existing low-density surficial soils, such as topsoil or loose alluvial soils should be overexcavated to underlying medium dense to dense undisturbed alluvial deposits from each area to receive compacted fill.
2. All removals should expose medium dense to dense alluvial sediments that are free of voids and roots and organic materials with a minimum in-place density of 85 percent of the maximum density.
3. The proposed structure should be overexcavated a minimum of 4-ft below the existing ground surface or 2-ft below the bottom of the deepest footings whichever is deeper and replacing the materials as properly compacted fill.

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4. Prior to placing structural fill, the exposed bottom surfaces in the overexcavated area should be scarified to a depth of 12 inches or more, watered or air-dried as necessary to achieve optimum or greater moisture conditions and then compacted in-place to a relative compaction of 90 percent or more.
5. Overexcavation should extend a minimum depth of 5-ft beyond the building footprint or to a distance equal to depth of removal, whichever is greater.
6. The bearing value recommended reflects a total settlement of 0.5-inches and a differential settlement of 0.5-inches within a horizontal distance of 20-ft (1/480).

GEO No. 200008 satisfies the requirement for an update geologic/geotechnical study for Planning/CEQA purposes. GEO No. 200008 is hereby accepted for planning purposes. Engineering and other Building Code parameters were not included as a part of this review or approval. This approval is not intended and should not be misconstrued as approval for grading permit. Engineering and other building code parameters should be reviewed and additional comments and/or conditions may be imposed by the County upon application for grading and/or building permits.

Please email me at dwalsh@rivco.org if you have any questions.

Sincerely,

RIVERSIDE COUNTY PLANNING DEPARTMENT
Charissa Leach, Assistant TLMA Director



Daniel P. Walsh, CEG No. 2413
Associate Engineering Geologist, TLMA-Planning

cc: Planner: Deborah Bradford (dbradfor@rivco.org)
Applicant: Hydrascope Engineering; Attn: Mike Machado (hydrascopeassistant@gmail.com)
Owner: Ken Yoder (kyoder.ky@gmail.com)

File: GEO200008, CUP180004, APN 575-140-013

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