

Cal Land Engineering, Inc. dba Quartech Consultants

Geotechnical, Environmental, and Civil Engineering

September 22, 2020

Mr. Alan Thian
Taiwan Center
3001 Walnut Grove,
Rosemead, CA 91770

Subject: Update Soil Letter, Proposed Residential Development, 3001 Walnut Grove Avenue and nearby lots, APN: 5288-001-040, 041, 042, 043, Rosemead, California. QCI Project No.: 19-221-001GE

Reference: "Report of Geotechnical Engineering Investigation, Proposed 4-Story Mixed Use Development, with One-Level of Subterraneous Garage, 3001 Walnut Grove Avenue and nearby lots, APN: 5288-001-040, 041, 042, 043, Rosemead, California" QCI Project No.: 19-221-001GE, by Cal Land Engineering, Inc. dated November 8, 2019.

Ladies and Gentlemen:

In accordance with your request, Quartech Consultants (QCI) is pleased to submit this update soil letter. Based on our review of the referenced report, it is our opinion that the geotechnical engineering design and construction recommendations presented in the referenced report remain valid and applicable for the planned development. The following seismic related values based on ASCE 7-16 Standard, CBC 2019 may be used:

Seismic Parameters (Latitude: 34.063155, Longitude: -118.082399)	Site Class "D"
Mapped 0.2 Sec Period Spectral Acceleration Ss	1.938g
Mapped 1.0 Sec Period Spectral Acceleration S1	0.698g
Site Coefficient for Site Class "D", Fa	1.2
Site Coefficient for Site Class "D", Fv	1.7
Maximum Considered Earthquake Spectral Response Acceleration Parameter at 0.2 Second, SMS	2.326g
Maximum Considered Earthquake Spectral Response Acceleration Parameter at 1.0 Second, SM1	1.187g
Design Spectral Response Acceleration Parameters for 0.2 sec, SDS	1.55g
Design Spectral Response Acceleration Parameters for 1.0 Sec, SD1	0.791g

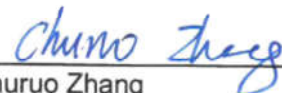
Peak ground acceleration (PGAM), corresponding to USGS Seismic Design Maps ASCE 7-16 Standard is 1.005g. The Project Structural Engineer should be aware of the information provided above to determine if any additional structural strengthening is warranted.

This opportunity to be of service is sincerely appreciated. Should you have any questions pertaining to this addendum, please call us.

Respectfully submitted,
Cal Land Engineering, Inc. (CLE)
dba Quartech Consultants (QCI)



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Principal Engineer



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Project Engineer