



**City of Rosemead
 Geological Report Review No. 2**

Project Name:	Strathmore / Garvey Mixed Use Project
Location:	7900-7816 Virginia Street and 7849, 7853 and 7859 Garvey Avenue Assessor Parcel Nos.: 5287-038-018, -019, -020, -29, -030 and -033 Lat: 34.06283 to 34.06375, Long: -118.09722 to -118.09779
Proposed Development:	Mixed-use use buildings, up to six-stories high. The wood- and steel-framed buildings will sit on on-grade concrete slabs. Figure 2 of the 2022 EGL report shows a >6,000 square-foot retail building fronting Garvey Avenue, a building divided into residential units fronting Strathmore Avenue, and a parking structure fronting Virginia Street.
Report Reviewed Here:	Environmental Geotechnology Laboratory, Inc. (EGL), 2023b , Response to the City of Rosemead – Geological Report Review Sheet dated February 3, 2023, ECI Project No. 4111.02; Proposed Mixed-Use Buildings and Associated Structures, APN: 5287-038-018, 019, 020, 029, 030 & 033, 7849 – 7859 Garvey Avenue & 7900 – 7916 Virginia Street, Rosemead, California, EGL Project No.: 22-AA-089EGR, dated March 21, 2023, signed by Ryan Jones, GE 2852, Senior Engineer, and Raymond Yang, CEG 2459, Senior Geologist.
Previous reports submitted by consultant	Environmental Geotechnology Laboratory, Inc. (EGL), 2023a, Response to City of Rosemead Comments, Proposed Mixed-Use Buildings and Associated Structures, APN:5287-038-018, 019, 020, 029, 030 & 033, 7849 – 7859 Garvey Avenue & 7900 – 7916 Virginia Street, Rosemead, California; EGL Project No. 22-AA-089GER, dated January 5, 2023, signed by Ryan Jones, GE 2852, Senior Engineer, and Raymond Yang, CEG 2459, Senior Geologist. Environmental Geotechnology Laboratory, Inc. (EGL), 2022, Report of Geotechnical Engineering Investigation, Proposed Mixed-Use Buildings and Associated Structures, APN:5287-038-018, 019, 020, 029, 030 & 033, 7849 – 7859 Garvey Avenue & 7900 – 7916 Virginia Street, Rosemead, California; EGL Project No. 22-AA-089GE, dated August 15, 2022, signed by Ryan Jones, GE 2852, Senior Engineer.
Previous Reviews for this Property:	Earth Consultants International, Inc., 2023, Geological Review Report addressing Report of Geotechnical Investigation and Response to City of Rosemead Comments by Environmental Geotechnology Laboratory, Inc.; ECI Project No. 4111.02, fated February 3, 2023, signed by Tania Gonzalez, CEG 1859. GeoDynamics, Inc., 2023, City of Rosemead – Geotechnical Review Sheet addressing Report of Geotechnical Investigation and Response to City of Rosemead Comments by Environmental Geotechnology Laboratory, Inc.; GDI No. 23.00120.0019, dated February 3, 2023, signed by Ali Abdel-Haq, GE 2308. Earth Consultants International, Inc., 2021, Geological Report Review addressing Fault Hazard Investigation conducted by CalLand Engineering, Inc. dba Quartech Consultants with Appendix by John Helms; ECI Project No. 4111, dated October 1, 2021, signed by Tania Gonzalez, CEG 1859.
Type of Report Addressed Here:	Response to Review Sheet, Preliminary Geotechnical Study

FINDINGS

- Report is Acceptable as Presented
- Report is Acceptable with the Following Conditions
- Response is Required (see Remarks)

REMARKS

The geotechnical consultant of record for this project, Environmental Geotechnology Laboratory, Inc. (EGL), has provided a response to the review letter that we prepared on behalf of the City of Rosemead's Planning Department. We have reviewed this response from a geological perspective for compliance with local codes, guidelines and standards of practice. We find that the consultant has satisfactorily addressed all feasibility level comments that required a response per our review letter dated February 3, 2023. The "feature" shown on their Site Plan, on page 2, is incorrectly referenced to William & Lettis. The correct reference should be Bullard and Lettis (1993).

Several geotechnical concerns still need to be addressed as part of the design level studies, including confirmation that the site is not underlain by sediments susceptible to liquefaction. The consultant has indicated that these items will be addressed at a later stage. Future geotechnical reports submitted by the consultant for this project should be reviewed by GeoDynamics, Inc., the City's geotechnical reviewer.

If the City, consultant or owners have any questions regarding the comments presented above, please contact Earth Consultants International, Inc.

Respectfully submitted for
EARTH CONSULTANTS INTERNATIONAL, INC.



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References and Sources:

Bullard, T.F., and Lettis, W.R., 1993, Quaternary Fold Deformation Associated with Blind Thrust Faulting. Los Angeles Basin, California: *Journal of Geophysical Research*, Vol. 98, No. B5, pp. 8349-8369.

California Division of Mines and Geology (CDMG), 1998, Seismic Hazard Zone Report for the El Monte 7.5-Minute Quadrangle, Los Angeles County, California: Seismic Hazard Zone Report 024.

California Geological Survey (CGS), 2008, Guidelines for Evaluating and Mitigating Seismic Hazards in California: Special Publication 117A.

Calland Engineering, Inc. dba Quartech Consultants, 2021, Fault Hazard Investigation, 7900-7916 Virginia Street and 7849, 7853, 7857 Garvey Avenue, APNs 5287-038-018, 019, 020, 030 and 033, City of Rosemead, County of Los Angeles, California; unpublished consulting report prepared for Green Park Property LLC; Project No. 21087004, dated September 29, 2021, signed by Fred Aflakian, OG, CEG 2051, Engineering Geologist and Jack C. Lee, GE 2153, Principal.

City of Rosemead General Plan Update, 2010, Chapter 5: Public Safety, adopted April 13, 2010.

Helms, John, 2021, Soil Stratigraphy Study and Relative Age Estimates for a Fault Rupture Hazard Investigation at 7900-7916 Virginia Street, Rosemead, CA: unpublished report prepared for Cal Land Engineering, Inc., dated September 24, 2021, included as Appendix D in Cal Land's report above; signed by John Helms, CEG 2272.