

Landslide Memo

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APPENDIX

SOIL



SURVEYS GROUP INC.

103 CHURCH ST • SALINAS, CALIFORNIA 93901 • TELEPHONE (831) 757-2172

November 13, 2024

Job #7352

Al Saleh

c/o Coats Consulting

Attn: Michelle Coats

P.O. Box 1356

Carmel, CA 93921

Re: **PLN200017** - Response to San Benito County, Resource Management Agency's Information Request on October 24, 2024 Concerning the Landslide Susceptibility for the Proposed Travelers Station to be Located at Currently Vacant Lot Along Searle Road, APN 012-030-023, near San Juan Bautista, California.

Dear Mr. Saleh:

This letter is in response to San Benito County, Resource Management Agency's information request on October 24, 2024 concerning the landslide susceptibility for the proposed travels station to be located at the currently vacant lot along Searle Road, APN 012-030-043, near San Juan Bautista. We respond to the request with the screening investigation as outlined in California Geologic Survey, Special Publication 117A. A site visit occurred on November 5, 2024 by our Engineer.

We respond to the landslide hazards as follows:

Item 1: Are existing landslides, active or inactive, present on, or adjacent to the project site?

No, there were not landslides observed within the proposed building locations during our initial investigation nor during a recent site visit by our engineer. There are not landslides mapped within the immediate project vicinity as shown on the Dibblee (2006) geologic map.

Item 2: Are there geologic formations or other earth materials located on or adjacent to the site that are known to be susceptible to landslides?

No, the project property is mapped as Qa, Quaternary Alluvial deposits, consisting of gravel, sand, and clay within valley areas, which is consistent with our boring logs.

Item 3: Do slope areas show surface manifestations of the presence of subsurface water, or can potential pathways or sources of concentrated water infiltration be identified on or upslope of the site?

No, there were no surface manifestation that would indicate any subsurface water or sources of concentrated water visible at the time of our site inspection.

Item 4: Are susceptible landforms and vulnerable locations present?

No, there are no susceptible landforms or vulnerable locations within the proposed buildings areas. The proposed building pads are vegetated with grasses. A review of 30 years of aerial phonographs from Google Earth Pro show no major changes on the proposed building locations.

Item 5: Could anticipated changes in the surface and subsurface hydrology increase the potential for future landsliding in some areas?

No, the potential will not be increased due to the construction efforts. Our report recommends that all grading and excavation work be inspected and tested. If care is taken and all grading, drainage, and erosion control measures discussed in our report are implemented, the potential for landsliding can be mitigated.

There are no steep slope portions of the property. All grading and excavation work will be inspected and tested. Drainage installation shall be inspected for concordance with the project plans. The building foundations will bear into cohesive recompacted native soils or engineered fill as indicated in our report. Based on our inspections and boring data, we conclude that the landslide hazard is low.

If you have any questions regarding this letter, please contact us. It has been a pleasure working with you on this project.

Very truly yours,

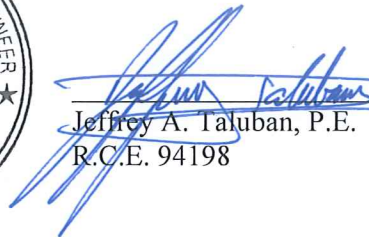
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