



Project No. G1330-52-01
May 1, 2014

KTU+A
3916 Normal Street
San Diego, California 92103

Attention: Mr. Mark Carpenter

Subject: SUPPLEMENTAL GEOLOGIC HAZARD ANALYSIS: ROCKFALL POTENTIAL
MISSION TRAILS REGIONAL PARK
SAN DIEGO, CALIFORNIA

References: *Geologic Reconnaissance, Mission Trails Park, San Diego, California*, prepared by
Geocon Incorporated, dated April 9, 2014 (Project No. G1330-52-01).

Dear Mr. Carpenter:

In accordance with your request, we have prepared this letter to provide a preliminary geologic rockfall hazard evaluation for the proposed off-street parking lots at four locations within Mission Trails Regional Park (MTRP) in San Diego County, California. Our rockfall evaluation consisted of reviewing the referenced geotechnical report and recent and historic aerial photographs and performing a site reconnaissance. Each of the proposed four off-street parking areas is discussed herein.

The proposed Mission Gorge – Oak Grove area (Figure 2 of the referenced report) possesses an maximum elevation difference of about 20 feet over a distance of about 200 feet resulting in a 10:1 (horizontal:vertical) inclination. In addition, it does not appear that rockfall has previously occurred and existing rock outcrops that may be prone to rockfall do not exist uphill from the planned improvements. Therefore, we do not expect rockfall would be a hazard for the planned improvements.

The Mission Gorge Road area (Figure 3 of the referenced report) possesses an maximum elevation difference of about 40 feet over a distance of about 100 feet resulting in a 4:1 (horizontal:vertical) inclination. In addition, we did not observe rock material along the roadway at the base of the 2:1 (horizontal:vertical) cut slope during our site visit. Therefore, we do not expect rockfall would be a hazard for the planned improvements.

The Barker Way area (Figure 4 of the referenced report) possesses an maximum elevation difference of about 34 feet over a distance of about 300 feet resulting in an approximate 9:1 (horizontal:vertical) inclination. In addition, we did not observe rock material within the drainage basin or at the base of the cut slope north of the planned improvements during our site visit. Therefore, we do not expect rockfall would be a hazard for the planned improvements.

The Mesa Road area (Figure 5 of the referenced report) possesses an maximum elevation difference of about 24 feet over a distance of about 240 feet resulting in a 10:1 (horizontal:vertical) inclination. In addition, it does not appear that rockfall has previously occurred and existing rock outcrops that may be prone to rockfall do not exist uphill from the planned improvements. The existing rock within the area appears to have been placed there for preventive site access measures. Therefore, we do not expect rockfall would be a hazard for the planned improvements.

Based on our evaluation, it is the opinion of Geocon Incorporated at the present time that the risk associated with rockfall hazards at the proposed off-street parking locations are low. We will also provide an evaluation of potential rockfall in the recommended geotechnical investigation for the planned improvement areas.

Should you have any questions regarding this report, or if we may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON INCORPORATED



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