## **GCS** Geoscience

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File No: 2020.11

Mountain Capital Partners PO Box 17000 Durango, Colorado 81302

ATTN: Brandon Fessler

**Subject:** Lift Terminal Review Status

**Proposed Nordic Valley High Speed Six Lift** 

Nordic Valley Ski Resort 3567 Nordic Valley Way Eden, Weber County, Utah

This letter has been prepared to address the status of the upper and lower terminal locations for the Proposed Nordic Valley High Speed Six Lift. On April 2, 2020 GCS Geoscience prepared a Geological Site Reconnaissance and Review<sup>1</sup> for Mountain Capital Partners (Nordic Valley) for the Conditional Use permit application with Weber County.

The conclusions and recommendations of the April 2, 2020 GCS reconnaissance and review were as follows:

Based upon the findings of this review we believe for preliminary site development planning and design should undergo procedures outlined in Section 108-14 Weber County Hillside Development Review Procedures and Standards (Weber County, 2020). With respect to steep slope limitations, the excavation, grading and filling guidelines provided in Section 108-14-8 of the Weber County Code should be followed for site development planning and implementation.

At this time the High Speed Six Lift is undergoing construction, and CMT Engineering Laboratories (CMT) is conducting geotechnical evaluations with County Hillside Development Review Procedures and Standards, for the lift development as specified by the April 2, 2020 GCS reporting. The finalized geotechnical reporting from CMT for the lift construction and Hillside Review is forthcoming.

Because the upper and lower terminal locations are located on flatter ground (less than 25-percent slopes) the excavation, and the setting of the concrete forms for these structures has already been performed. An inspection report letter was prepared by CMT

<sup>&</sup>lt;sup>1</sup> Report, Professional Geologist Site Reconnaissance and Review, Proposed Lift 5 and Snowmaking Expansion, Parcel #22-029-0010, Nordic Valley Ski Resort, Eden, Weber County, Utah, April 2, 2020: Unpublished consultants report, 17 p., Plates.

August 6, 2020 for the two terminal locations, documenting the suitability of the soils and the placements of the forms.

During an August 27, 2020 video-conference meeting between Nordic Valley, Weber County Planning, GCS and CMT, the status of the ongoing geotechnical evaluations and the timeline of the Hillside Review were discussed. The During the meeting it was pointed out that the lift terminals were outside the 25-percent slope areas that require the Hillside Review process, and it was suggested that the permitting and construction for the terminal locations could be allowed to proceed, while the Hillside Review studies continue for the other elements of the High Speed Six Lift on steeper ground.

County staff agreed that permitting and construction for the terminal locations could be allowed to proceed, pending the submittal of this letter, confirming that the terminal locations were outside the 25-percent slope areas. A review of our April 2, 2020 GCS Reconnaissance and Review, found that both the upper and lower terminal locations were outside the 25-percent slope areas (see Figure 6 of April 2, 2020 GCS report).

Because the upper and lower terminal locations are outside the 25-percent slope area, and because the foundations of these structures have been inspected by the Geotechnical Engineer (CMT), we believe construction should be permitted to proceed at the upper and lower terminal locations for the High Speed Six Lift.

We appreciate the opportunity to provide this communication, and look forward to continuing work with you on this project. If you have any questions or need additional information, please contact the undersigned at (801) 745-0262 or (801) 458-0207.

Sincerely,

**GCS Geoscience** 

Gregory C. Schlenker, P.G., Ph.D

Principal

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