

Earthtec Engineering, Inc.

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May 10, 2013

Mr. Tracy Harper 7817 South 1750 East South Weber. Utah 84405

Subject: Addendum II to Geotechnical Study Lot 13-A-R Cedar Cove Subdivision 2716 East Bybee Drive Weber County, Utah EEI Job No.: 13-0055G

Dear Mr. Harper:

This letter is an addendum to the geotechnical report¹ our office prepared for Lot 13-A-R located at 2716 East Bybee Drive in Weber County, Utah, dated April 4, 2013. The purpose of this letter is to further respond to review comments related to the above referenced report.

Recently, Earthtec Engineering, Inc was requested to review the site plan for the subject property prepared by Reeve and Associates, Inc., dated April 10, 2013 and prepare an updated slope stability analysis for the subject property based on the proposed site plan for the property. We evaluated the global stability of the site using the computer program XSTABLE and the input parameters indicated in the referenced report. The configuration analyzed was based on the site plan provided by Reeve and Associates and consisted of an approximately 30-foot high slope inclined at approximately 1V:2.3H (Vertical:Horizontal) followed by an approximately 4-foot high slope inclined at approximately 1V:6H followed by an approximately 80-foot high slope inclined at approximately 1V:3H. A single tier rock landscape wall composed of a single row of 3 foot diameter boulders imbedded a minimum of 12 inches below the adjacent ground surface was modeled at the toe of the slope. Typically, the required minimum factors of safety are 1.5 for static conditions and 1.0 for seismic (pseudostatic) conditions. The results of our analyses indicate that the slope configuration described above meets the required minimum factors of safety. The slope stability results are attached as Figures Nos. 1 and 2, Stability Results.

The information presented in this letter was produced to provide supplementary geotechnical design recommendations for the subject property. This letter should be considered as Addendum II to the geotechnical report. All other recommendations in the above referenced report should be followed. The General Conditions section of the geotechnical report applies to this letter.

We appreciate the opportunity of providing our services on this project. If we can answer questions or be of further service, please call.

Respectfully: EARTHTEC ENGINEERING, INC.

Andrew M. Harris, P.E.

Engineering Manager

Attachments: Figures Nos. 1 and 2, Stability Results



¹ Geotechnical Study, Lot 13-A-R Cedar Cove Subdivision, 2716 East Bybee Drive, Weber County, Utah," EEI Job No. 13-0055G, April 4, 2013.



