

June 20, 2024
Job No. 3572-003-23

Mr. Gregory Bevacqua and Mr. James Backman
Talisman Civil Consultants
1588 South Main Street, Suite 200
Salt Lake City, Utah 84115

Mr. Bevacqua and Mr. Backman:

Re: Letter – Addendum
Subgrade Preparation for Footings
Proposed Snowbasin Well Pumphouse Structure
Snowbasin Resort, 3925 East Snowbasin Road
Huntsville, Utah

Introduction

GSH Geotechnical, Inc. (GSH) was requested to provide alternative recommendations for subgrade preparation for the placement of footings for the proposed Snowbasin Well Pumphouse Structure. A geotechnical study was completed by GSH for the above-referenced site, dated December 7, 2023¹. The following is to serve as an addendum to the referenced geotechnical study.

Summary

The following Design Data shall be utilized:

Minimum Recommended Depth of Embedment for Frost Protection	- 48 inches
Minimum Recommended Depth of Embedment for Non-frost Conditions	- 15 inches
Recommended Minimum Width for Continuous Wall Footings	- 18 inches

¹ “Limited Scope Geotechnical Study, Proposed Snowbasin Well Pumphouse Structure, Snowbasin Resort, 3925 East Snowbasin Resort, Huntsville, Utah” GSH Job No. 3572-003-23.

Minimum Recommended Width for Isolated Spread Footings	- 24 inches
Recommended Net Bearing Capacity for Real Load Conditions for Footings Established Upon <u>Suitable Natural Granular Soils</u>	- <u>3,000 pounds</u> <u>per square foot</u>
Bearing Capacity Increase for Seismic Loading	- 50 percent

Closure

All other recommendations presented in the referenced reports shall continue to be followed.

If you have any questions or would like to discuss these items further, please feel free to contact us at (801) 685-9190.

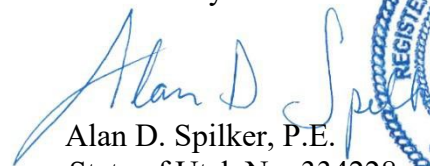
Respectfully submitted,

GSH Geotechnical, Inc.

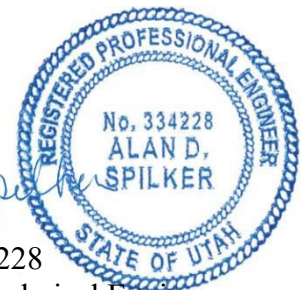
A blue ink signature of Tristen Leberknight, written in a cursive style.

Tristen Leberknight
Staff Engineer, EIT

Reviewed by:

A blue ink signature of Alan D. Spilker, written in a cursive style.

Alan D. Spilker, P.E.
State of Utah No. 334228
President/Senior Geotechnical Engineer



TL/ADS:jmt