



ENTECH
ENGINEERING, INC.

505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599

October 2, 2024

Classic Communities
2138 Flying Horse Club Drive
Colorado Springs, Colorado 80921

Attn: Austin Lenz

Re: Cement Stabilized Subgrade – Field Tests
Retreat at Timberridge Filing No. 3
Colorado Springs, Colorado
Entech Job No. 221106

Dear Mr. Lenz:

As requested, personnel of Entech Engineering, Inc. performed strength testing on two sets of three soil cement samples from the above referenced project. Testing was performed on soil cement samples collected along Antelope Ridge Drive.

The average 5-day strength of the two samples was 177 and 355 pounds per square inch (psi). The cement percentage of both samples was 3%. Due to the strength, microfracturing of the subgrade is recommended. A summary of the testing results is attached.

We trust this has provided you with the information you required. If you have any questions or need additional information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.

Daniel P. Stegman
Geotechnical Engineering Staff

Reviewed by:



Joseph C. Goode III, P.E.
Sr. Engineer

Encl.

DPS:JCG/dps



SUMMARY OF CTS TEST RESULTS - FIELD TESTING

FIELD SAMPLE ID RETREAT AT TIMBERRIDGE, FILING NO. 3
 SOIL ADDITIVE TYPE II CEMENT
 CURING METHOD 100° HUMIDIFIED OVEN

<i>DATE SAMPLED</i>	<i>ADDITIVE %</i>	<i>WATER %</i>	<i>DENSITY (dry)</i>	<i>AGE (days)</i>	<i>STRENGTH (psi)</i>
ANTELOPE RIDGE, LOTS 18/19					
9/27/24	3	8.2	127.6	5	174
9/27/24	3	8.2	133.5	5	199
9/27/24	3	8.2	132.8	5	158
AVERAGE:					177
ANTELOPE RIDGE, LOTS 22/23					
9/27/24	3	7.1	133.2	5	366
9/27/24	3	7.1	133.5	5	352
9/27/24	3	7.1	134.2	5	346
AVERAGE:					355