



ENTECH
ENGINEERING, INC.

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October 18, 2021

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Attn: Raul Guzman

Re: Cement Stabilized Subgrade – Field Tests
Rolling Hills at Meridian Ranch, Filing No. 2, Phase 1
El Paso County, Colorado

Dear Mr. Guzman:

As requested, personnel of Entech Engineering, Inc. have performed strength testing on two sets of soil/cement composite samples from the above referenced project. Testing was performed on field soil samples prepared with 2% Portland Cement Type 1/2, from Martin-Marietta near Pueblo, Colorado.

The average 5 and 6-day strength values of the 2% mix were 292 and 210 psi, respectively. 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,

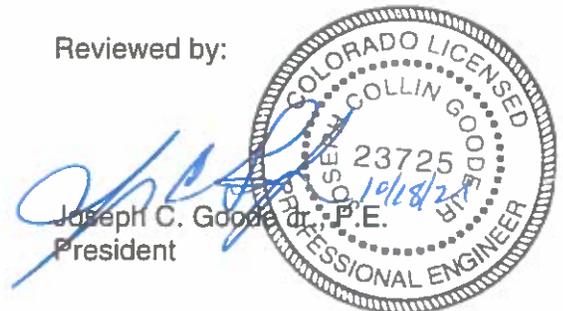
ENTECH ENGINEERING, INC.

Reviewed by:

Daniel P. Stegman

DPS/bs

Entech Job No. 212293
AAprojects/2020/212293 css- field test



SUMMARY OF CTS TEST RESULTS
FIELD TESTING

CLIENT TECH CONTRACTORS
 PROJECT ROLLING HILLS, FILING 2
 FIELD SAMPLE ID ON-SITE
 SOIL ADDITIVE TYPE I/II CEMENT

JOB NO 212293
 DATE 10/11/21
 BY BL

<i>DATE DAMPLED</i>	<i>WATER %</i>	<i>DENSITY (dry)</i>	<i>AGE (days)</i>	<i>STRENGTH (psi)</i>
SAVANNAH FALL CT., STA 11+00				
10/5/21	9.7	131.4	6	201
10/5/21	9.7	131.4	6	225
10/5/21	9.7	131.8	6	206
AVERAGE:				210
MORNING HILLS DRIVE, STA 13+00				
10/6/21	6.7	131.0	5	297
10/6/21	6.7	133.2	5	304
10/6/21	6.7	131.9	5	272
10/6/21	6.7	133.4	5	285
10/6/21	6.7	132.5	5	299
AVERAGE:				292

CURING METHOD

100° HUMIDIFIED OVEN