



ENTECH
ENGINEERING, INC.

505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599
FAX (719) 531-5238

November 23, 2021

FLRD #6
2138 Flying Horse Club Drive
Colorado Springs, CO 80921

Attn: Jim Boulton

Re: Density Testing – Roadway Subgrade
Forest Lakes Residential Development, Filing 6
Colorado Springs, Colorado
Report No. 1, Tests 1 – 19

Dear Mr. Boulton,

As requested, personnel of Entech Engineering, Inc. have performed density testing at the above referenced site.

Density testing on this site was performed on November 1, 2021 – November 6, 2021. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.


Joseph C. Goode, Jr.,
President



JCG/kw

Enclosure

Entech Job No. 201326

F:\AA projects\2020\201326-FLRD-Forest Lakes F6-110-ConMat\201326_6cl1.doc

Client: FLRD #6	Entech Job #: 201326.6	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Residential Development, Filing 6	Tested By: J. Claton/B. Ooley	S = standard, ASTM D-698
Subject: Roadway Subgrade	Report Date: 11-23-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Station 2 + 00 on Timber Trek, at grade.	11/1/21	96	95	8.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
2	Station 4 + 50 on Timber Trek, at grade.	11/1/21	97	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
3	Station 6 + 50 on Timber Trek, at grade.	11/1/21	96	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
4	Station 4 + 00, Mesa Top Drive South, westbound, at grade.	11/4/21	99	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
5	Station 6 + 00, Mesa Top Drive South, eastbound, at grade.	11/4/21	98	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
6	Station 8 + 00, Mesa Top Drive South, westbound, at grade.	11/4/21	98	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
7	Station 10 + 00, Mesa Top Drive South, eastbound, at grade.	11/4/21	99	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
8	Station 12 + 00, Mesa Top Drive South, westbound, at grade.	11/4/21	99	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
9	Station 14 + 00, Mesa Top Drive South, eastbound, at grade.	11/4/21	98	95	8.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
10	Cement Treated Soil, Station 8 + 00, Timber Trek Way, westbound, at grade.	11/5/21	99	95	9.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

Comments:

Scope of Observation: PERIODIC; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE ADVISED

All dimensions are approximate. Cl. = Centerline

 <p>ENTECH ENGINEERING, INC. 505 Elkton Drive Colorado Springs, CO 80907 (719) 531-5599 • (719) 531-5238 (fax)</p>	<p>FIELD DENSITY RESULTS</p>	<p><i>Joseph C. Goode, Jr., P.E.</i></p>
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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
11	Cement Treated Soil, Station 6 + 00, Timber Trek Way, eastbound, at grade.	11/5/21	99	95	9.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
12	Cement Treated Soil, Station 4 + 00, Timber Trek Way, westbound, at grade.	11/5/21	99	95	8.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
13	Cement Treated Soil, Station 2 + 00, Timber Trek Way, eastbound, at grade.	11/5/21	99	95	9.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
14	Cement Treated Soil, Station 3 + 00, Timber Trek Way, westbound, at grade.	11/6/21	98	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
15	Cement Treated Soil, Station 5 + 00, Timber Trek Way, eastbound, at grade.	11/6/21	97	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
16	Cement Treated Soil, Station 7 + 00, Timber Trek Way, westbound, at grade.	11/6/21	98	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
17	Cement Treated Soil, Station 9 + 00, Timber Trek Way, eastbound, at grade.	11/6/21	99	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
18	Cement Treated Soil, Station 11 + 00, Timber Trek Way, westbound, at grade.	11/6/21	97	95	7.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
19	Cement Treated Soil, Station 13 + 00, Timber Trek Way, eastbound, at grade.	11/6/21	98	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

Comments:

Scope of Observation: PERIODIC; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE ADVISED All dimensions are approximate. Cl. = Centerline

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