



ENTECH
ENGINEERING, INC.

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

March 12, 2020

FLRD #2
6385 Corporate Drive, Suite 200
Colorado Springs, CO 80919

Attn: Jim Boulton

Re: Density Testing – Retaining Wall Backfill
Forest Lakes Residential Development, Filing #2
Colorado Springs, Colorado
Report No. 1, Tests 1 – 6

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 March 3 – 6, 2020. 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.

MHH
Mark H. Hauschild, P.E.
Senior Engineer

MHH/bo

Enclosure



Entech Job No. 192273

F:\AA projects\2019\192273-FLRD #2-Forest Lakes Residential Development Filing #2-110-ConMat\192273.7cl1stamp.doc

Client: FLRD #2	Entech Job #: 192273.7	Proctor Value Key: M = modified, ASTM D-1557
Project: Forest Lakes Residential Development, Filing #2	Tested By: S. Reardanz	S = standard, ASTM D-698
Subject: Retaining Wall Backfill	Report Date: 03-11-2020	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Retaining wall south of Forest Lakes Drive and 25' east of west end, retaining wall backfill, third course.	3/3/20	95	95	7.1	SM	M - 126.9 @ 8.8	<input type="checkbox"/>
2	Retaining wall south of Forest Lakes Drive and 75' east of west end, retaining wall backfill, third course.	3/3/20	95	95	7.3	SM	M - 126.9 @ 8.8	<input type="checkbox"/>
3	Retaining wall south of Forest Lakes Drive and 50' east of west end, retaining wall backfill, fifth course.	3/4/20	95	95	6.9	SM	M - 126.9 @ 8.8	<input type="checkbox"/>
4	Retaining wall south of Forest Lakes Drive and 100' east of west end, retaining wall backfill, fifth course.	3/4/20	95	95	7.5	SM	M - 126.9 @ 8.8	<input type="checkbox"/>
5	Retaining wall south of Forest Lakes Drive and 40' east of west end, retaining wall backfill, seventh course.	3/6/20	97	95	7.2	SM	M - 126.9 @ 8.8	<input type="checkbox"/>
6	Retaining wall south of Forest Lakes Drive and 110' east of west end, retaining wall backfill, seventh course.	3/6/20	98	95	7.3	SM	M - 126.9 @ 8.8	<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>	 Mark H. Hauschild, P.E.
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