

November 1, 2021



**ENTECH**  
ENGINEERING, INC.

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

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

Attn: Jim Boulton

Re: Density Testing – Water  
Forest Lakes Residential Development, Filing 6  
Colorado Springs, Colorado  
Report No. 1, Tests 1–185

Dear Mr. Boulton,

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

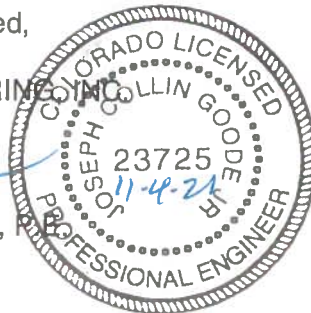
Density testing on this site was performed on October 15 – 23, 2021. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

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/am

Enclosure

Entech Job No. 201326

F:\AA projects\2020\201326-FLRD-Forest Lakes F6-110-ConMat\201326\_3cl1.doc

<b>Client:</b> FLRD #6	<b>Entech Job #:</b> 201326.3	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Main, Station 8 + 00 on Mesa Top Drive South, 6' below grade.	10/15/2021	97	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
2	Main, Station 8 + 00 on Mesa Top Drive South, 4' below grade.	10/15/2021	96	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
3	Main, Station 8 + 00 on Mesa Top Drive South, 2' below grade.	10/15/2021	95	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
4	Main, Station 8 + 00 on Mesa Top Drive South, at grade.	10/15/2021	95	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
5	Main, Station 5 + 50 on Mesa Top Drive South, 6' below grade.	10/15/2021	98	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
6	Main, Station 5 + 50 on Mesa Top Drive South, 4' below grade.	10/15/2021	98	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
7	Main, Station 5 + 50 on Mesa Top Drive South, 2' below grade.	10/15/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
8	Main, Station 5 + 50 on Mesa Top Drive South, at grade.	10/15/2021	96	95	8.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
9	Main, Station 3 + 00 on Mesa Top Drive South, 6' below grade.	10/15/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
10	Main, Station 3 + 00 on Mesa Top Drive South, 4' below grade.	10/15/2021	96	95	8.7	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><b>ENTECH</b> 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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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
11	Main, Station 3 + 00 on Mesa Top Drive South, 2' below grade.	10/15/2021	95	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
12	Main, Station 3 + 00 on Mesa Top Drive South, at grade.	10/15/2021	97	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
13	Main, Station 2 + 00 on Timber Trek Way, 6' below grade.	10/15/2021	97	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
14	Main, Station 2 + 00 on Timber Trek Way, 4' below grade.	10/15/2021	97	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
15	Main, Station 2 + 00 on Timber Trek Way, 2' below grade.	10/15/2021	97	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
16	Main, Station 2 + 00 on Timber Trek Way, at grade.	10/15/2021	95	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
17	Main, Station 4 + 00 on Timber Trek Way, 6' below grade.	10/16/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
18	Main, Station 4 + 00 on Timber Trek Way, 4' below grade.	10/16/2021	96	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
19	Main, Station 4 + 00 on Timber Trek Way, 2' below grade.	10/16/2021	98	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
20	Main, Station 4 + 00 on Timber Trek Way, at grade.	10/16/2021	97	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
21	Main, Station 6 + 00 on Timber Trek Way, 6' below grade.	10/16/2021	96	95	6.5	SM	M - 130.3 @ 7.6	<input checked="" type="checkbox"/>
22	Main, Station 6 + 00 on Timber Trek Way, 4' below grade.	10/16/2021	95	95	5.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
23	Main, Station 6 + 00 on Timber Trek Way, 2' below grade.	10/16/2021	97	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
24	Main, Station 6 + 00 on Timber Trek Way, at grade.	10/16/2021	96	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
25	Service, Lot 45 on Mesa Top Drive South, 5' below grade.	10/18/2021	96	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
26	Service, Lot 45 on Mesa Top Drive South, 3' below grade.	10/18/2021	95	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
27	Service, Lot 45 on Mesa Top Drive South, 1' below grade.	10/18/2021	96	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
28	Service, Lot 45 on Mesa Top Drive South, at grade.	10/18/2021	97	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
29	Service, Lot 34 on Mesa Top Drive South, 5' below grade.	10/18/2021	96	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
30	Service, Lot 34 on Mesa Top Drive South, 3' below grade.	10/18/2021	95	95	5.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
31	Service, Lot 34 on Mesa Top Drive South, 1' below grade.	10/18/2021	98	95	5.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
32	Service, Lot 34 on Mesa Top Drive South, at grade.	10/18/2021	97	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
33	Service, Lot 35 on Mesa Top Drive South, 5' below grade.	10/18/2021	96	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
34	Service, Lot 35 on Mesa Top Drive South, 3' below grade.	10/18/2021	96	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
35	Service, Lot 35 on Mesa Top Drive South, 1' below grade.	10/18/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
36	Service, Lot 35 on Mesa Top Drive South, at grade.	10/18/2021	97	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
37	Service, Lot 44 on Mesa Top Drive South, 5' below grade.	10/18/2021	97	95	9.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
38	Service, Lot 44 on Mesa Top Drive South, 3' below grade.	10/18/2021	96	95	8.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
39	Service, Lot 44 on Mesa Top Drive South, 1' below grade.	10/18/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
40	Service, Lot 44 on Mesa Top Drive South, at grade.	10/18/2021	97	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
41	Service, Lot 36 on Mesa Top Drive South, 6' below grade.	10/18/2021	95	95	7.9	SM	M - 130.3 @ 7.6	<input checked="" type="checkbox"/>
42	Service, Lot 36 on Mesa Top Drive South, 4' below grade.	10/18/2021	97	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
43	Service, Lot 36 on Mesa Top Drive South, 2' below grade.	10/18/2021	97	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
44	Service, Lot 36 on Mesa Top Drive South, at grade.	10/18/2021	96	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
45	Service, Lot 43 on Mesa Top Drive South, 6' below grade.	10/18/2021	95	95	6.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
46	Service, Lot 43 on Mesa Top Drive South, 4' below grade.	10/18/2021	96	95	5.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
47	Service, Lot 43 on Mesa Top Drive South, 2' below grade.	10/18/2021	97	95	5.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
48	Service, Lot 43 on Mesa Top Drive South, at grade.	10/18/2021	98	95	6.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
49	Main, Station 16 + 50 on Mesa Top Drive South, 6' below grade.	10/18/2021	96	95	8.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
50	Main, Station 16 + 50 on Mesa Top Drive South, 4' below grade.	10/18/2021	96	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
51	Main, Station 16 + 50 on Mesa Top Drive South, 2' below grade.	10/18/2021	97	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
52	Main, Station 16 + 50 on Mesa Top Drive South, at grade.	10/18/2021	98	95	7.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
53	Main, Station 14 + 25 on Mesa Top Drive South, 7' below grade.	10/18/2021	97	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
54	Main, Station 14 + 25 on Mesa Top Drive South, 5' below grade.	10/18/2021	95	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
55	Main, Station 14 + 25 on Mesa Top Drive South, 3' below grade.	10/18/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
56	Main, Station 14 + 25 on Mesa Top Drive South, 1' below grade.	10/18/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
57	Main, Station 14 + 25 on Mesa Top Drive South, at grade.	10/18/2021	96	95	8.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
58	Service, Lot 37 on Mesa Top Drive South, 6' below grade.	10/19/2021	96	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
59	Service, Lot 37 on Mesa Top Drive South, 4' below grade.	10/19/2021	96	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
60	Service, Lot 37 on Mesa Top Drive South, 2' below grade.	10/19/2021	97	95	5.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
61	Service, Lot 37 on Mesa Top Drive South, at grade.	10/19/2021	96	95	6.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
62	Service, Lot 42 on Mesa Top Drive South, 5' below grade.	10/19/2021	95	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
63	Service, Lot 42 on Mesa Top Drive South, 3' below grade.	10/19/2021	97	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
64	Service, Lot 42 on Mesa Top Drive South, 1' below grade.	10/19/2021	95	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
65	Service, Lot 42 on Mesa Top Drive South, at grade.	10/19/2021	97	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
66	Service, Lot 41 on Mesa Top Drive South, 5' below grade.	10/19/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
67	Service, Lot 41 on Mesa Top Drive South, 3' below grade.	10/19/2021	97	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
68	Service, Lot 41 on Mesa Top Drive South, 1' below grade.	10/19/2021	95	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
69	Service, Lot 41 on Mesa Top Drive South, at grade.	10/19/2021	96	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
70	Service, Lot 40 on Mesa Top Drive South, 6' below grade.	10/19/2021	96	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
71	Service, Lot 40 on Mesa Top Drive South, 4' below grade.	10/19/2021	97	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
72	Service, Lot 40 on Mesa Top Drive South, 2' below grade.	10/19/2021	98	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
73	Service, Lot 40 on Mesa Top Drive South, at grade.	10/19/2021	96	95	8.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
74	Service, Lot 39 on Mesa Top Drive South, 6' below grade.	10/19/2021	97	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
75	Service, Lot 39 on Mesa Top Drive South, 4' below grade.	10/19/2021	97	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
76	Service, Lot 39 on Mesa Top Drive South, 2' below grade.	10/19/2021	96	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
77	Service, Lot 39 on Mesa Top Drive South, at grade.	10/19/2021	96	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
78	Service, Lot 38 on Mesa Top Drive South, 6' below grade.	10/19/2021	96	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
79	Service, Lot 38 on Mesa Top Drive South, 4' below grade.	10/19/2021	95	95	6.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
80	Service, Lot 38 on Mesa Top Drive South, 2' below grade.	10/19/2021	97	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
81	Service, Lot 38 on Mesa Top Drive South, at grade.	10/19/2021	96	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
82	Main, Station 12 + 00 on Mesa Top Drive South, 5' below grade.	10/19/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
83	Main, Station 12 + 00 on Mesa Top Drive South, 3' below grade.	10/19/2021	97	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
84	Main, Station 12 + 00 on Mesa Top Drive South, 1' below grade.	10/19/2021	96	95	5.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
85	Main, Station 12 + 00 on Mesa Top Drive South, at grade.	10/19/2021	95	95	5.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
86	Main, Station 10 + 00 on Mesa Top Drive South, 5' below grade.	10/19/2021	98	95	7.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
87	Main, Station 10 + 00 on Mesa Top Drive South, 3' below grade.	10/19/2021	97	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
88	Main, Station 10 + 00 on Mesa Top Drive South, 1' below grade.	10/19/2021	95	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
89	Main, Station 10 + 00 on Mesa Top Drive South, at grade.	10/19/2021	96	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
90	Service, Lot 59 on Mesa Top Drive South, 6' below grade.	10/20/2021	97	95	8.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
91	Service, Lot 59 on Mesa Top Drive South, 4' below grade.	10/20/2021	95	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
92	Service, Lot 59 on Mesa Top Drive South, at grade.	10/20/2021	97	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
93	Service, Lot 59 on Mesa Top Drive South, at grade.	10/20/2021	97	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
94	Service, Lot 60 on Timber Trek Way, 6' below grade.	10/20/2021	96	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
95	Service, Lot 60 on Timber Trek Way, 4' below grade.	10/20/2021	97	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
96	Service, Lot 60 on Timber Trek Way, 2' below grade.	10/20/2021	99	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
97	Service, Lot 60 on Timber Trek Way, at grade.	10/20/2021	96	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
98	Service, Lot 61 on Timber Trek Way, 6' below grade.	10/20/2021	96	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
99	Service, Lot 61 on Timber Trek Way, 4' below grade.	10/20/2021	97	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
100	Service, Lot 61 on Timber Trek Way, 2' below grade.	10/20/2021	96	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

**Comments:**

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

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 <p><b>ENTECH</b> 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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<b>Client:</b> FLRD #6	<b>Entech Job #:</b> 201326.3	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
101	Service, Lot 61 on Timber Trek Way, at grade.	10/20/2021	97	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
102	Service, Lot 62 on Timber Trek Way, 6' below grade.	10/20/2021	96	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
103	Service, Lot 62 on Timber Trek Way, 4' below grade.	10/20/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
104	Service, Lot 62 on Timber Trek Way, 2' below grade.	10/20/2021	95	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
105	Service, Lot 62 on Timber Trek Way, at grade.	10/20/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
106	Service, Lot 47 on Mesa Top Drive South, 5' below grade.	10/20/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
107	Service, Lot 47 on Mesa Top Drive South, 3' below grade.	10/20/2021	97	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
108	Service, Lot 47 on Mesa Top Drive South, 1' below grade.	10/20/2021	95	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
109	Service, Lot 46 on Mesa Top Drive South, 5' below grade.	10/20/2021	96	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
110	Service, Lot 46 on Mesa Top Drive South, 3' below grade.	10/20/2021	96	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

**Comments:**

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<b>Client:</b> FLRD #6	<b>Entech Job #:</b> 201326.3	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
111	Service, Lot 46 on Mesa Top Drive South, 1' below grade.	10/20/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
112	Service, Lot 47 on Mesa Top Drive South, at grade.	10/21/2021	98	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
113	Service, Lot 46 on Mesa Top Drive South, at grade.	10/21/2021	96	95	9.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
114	Service, Lot 58 on Timber Trek Way, 6' below grade.	10/21/2021	96	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
115	Service, Lot 58 on Timber Trek Way, 4' below grade.	10/21/2021	97	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
116	Service, Lot 58 on Timber Trek Way, 2' below grade.	10/21/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
117	Service, Lot 58 on Timber Trek Way, at grade.	10/21/2021	98	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
118	Service, Lot 63 on Timber Trek Way, 6' below grade.	10/21/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
119	Service, Lot 63 on Timber Trek Way, 4' below grade.	10/21/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
120	Service, Lot 63 on Timber Trek Way, 2' below grade.	10/21/2021	95	95	8.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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FIELD DENSITY RESULTS

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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
121	Service, Lot 63 on Timber Trek Way, at grade.	10/21/2021	98	95	9.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
122	Service, Lot 64 on Timber Trek Way, 6' below grade.	10/21/2021	97	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
123	Service, Lot 64 on Timber Trek Way, 4' below grade.	10/21/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
124	Service, Lot 64 on Timber Trek Way, 2' below grade.	10/21/2021	98	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
125	Service, Lot 64 on Timber Trek Way, at grade.	10/21/2021	97	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
126	Service, Lot 65 on Timber Trek Way, 6' below grade.	10/21/2021	98	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
127	Service, Lot 65 on Timber Trek Way, 4' below grade.	10/21/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
128	Service, Lot 65 on Timber Trek Way, 2' below grade.	10/21/2021	96	95	8.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
129	Service, Lot 65 on Timber Trek Way, at grade.	10/21/2021	97	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
130	Service, Lot 49 on Timber Trek Way, 5' below grade.	10/21/2021	95	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
131	Service, Lot 49 on Timber Trek Way, 3' below grade.	10/21/2021	96	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
132	Service, Lot 4 on Timber Trek Way, 5' below grade.	10/21/2021	98	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
133	Service, Lot 4 on Timber Trek Way, 3' below grade.	10/21/2021	97	95	8.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
134	Service, Lot 67 on Timber Trek Way, 6' below grade.	10/22/2021	96	95	8.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
135	Service, Lot 67 on Timber Trek Way, 4' below grade.	10/22/2021	95	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
136	Service, Lot 67 on Timber Trek Way, 2' below grade.	10/22/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
137	Service, Lot 67 on Timber Trek Way, at grade.	10/22/2021	97	95	9.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
138	Service, Lot 66 on Timber Trek Way, 6' below grade.	10/22/2021	96	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
139	Service, Lot 66 on Timber Trek Way, 4' below grade.	10/22/2021	97	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
140	Service, Lot 66 on Timber Trek Way, 2' below grade.	10/22/2021	97	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
141	Service, Lot 66 on Timber Trek Way, at grade.	10/22/2021	95	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
142	Service, Lot 57 on Timber Trek Way, 6' below grade.	10/22/2021	96	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
143	Service, Lot 57 on Timber Trek Way, 4' below grade.	10/22/2021	98	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
144	Service, Lot 57 on Timber Trek Way, 2' below grade.	10/22/2021	97	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
145	Service, Lot 57 on Timber Trek Way, at grade.	10/22/2021	96	95	6.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
146	Service, Lot 56 on Timber Trek Way, 6' below grade.	10/22/2021	96	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
147	Service, Lot 56 on Timber Trek Way, 4' below grade.	10/22/2021	97	95	7.0	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
148	Service, Lot 56 on Timber Trek Way, 2' below grade.	10/22/2021	96	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
149	Service, Lot 56 on Timber Trek Way, at grade.	10/22/2021	95	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
150	Service, Lot 48 on Mesa Top Drive South, 5' below grade.	10/22/2021	95	95	8.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
151	Service, Lot 48 on Mesa Top Drive South, 3' below grade.	10/22/2021	96	95	8.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
152	Service, Lot 48 on Mesa Top Drive South, 1' below grade.	10/22/2021	97	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
153	Service, Lot 48 on Mesa Top Drive South, at grade.	10/22/2021	96	95	6.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
154	Service, Lot 5 on Mesa Top Drive South, 5' below grade.	10/22/2021	96	95	7.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
155	Service, Lot 5 on Mesa Top Drive South, 3' below grade.	10/22/2021	95	95	7.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
156	Service, Lot 5 on Mesa Top Drive South, 1' below grade.	10/22/2021	95	95	6.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
157	Service, Lot 5 on Mesa Top Drive South, at grade.	10/22/2021	97	95	5.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
158	Service, Lot 49 on Mesa Top Drive South, 1' below grade.	10/23/2021	97	95	7.8	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
159	Service, Lot 49 on Mesa Top Drive South, at grade.	10/23/2021	97	95	7.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
160	Service, Lot 4 on Mesa Top Drive South, 1' below grade.	10/23/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Project:</b> Forest Lakes Residential Development, Filing 6	<b>Tested By:</b> J. Claton	S = standard, ASTM D-698
<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
161	Service, Lot 4 on Mesa Top Drive South, at grade.	10/23/2021	96	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
162	Service, Lot 55 on Timber Trek Way, 6' below grade.	10/23/2021	98	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
163	Service, Lot 55 on Timber Trek Way, 4' below grade.	10/23/2021	97	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
164	Service, Lot 55 on Timber Trek Way, 2' below grade.	10/23/2021	96	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
165	Service, Lot 55 on Timber Trek Way, at grade.	10/23/2021	96	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
166	Service, Lot 54 on Timber Trek Way, 6' below grade.	10/23/2021	96	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
167	Service, Lot 54 on Timber Trek Way, 4' below grade.	10/23/2021	97	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
168	Service, Lot 54 on Timber Trek Way, 2' below grade.	10/23/2021	96	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
169	Service, Lot 54 on Timber Trek Way, at grade.	10/23/2021	95	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
170	Service, Lot 53 on Timber Trek Way, 6' below grade.	10/23/2021	96	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
171	Service, Lot 53 on Timber Trek Way, 4' below grade.	10/23/2021	96	95	7.5	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
172	Service, Lot 53 on Timber Trek Way, 2' below grade.	10/23/2021	96	95	6.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
173	Service, Lot 53 on Timber Trek Way, at grade.	10/23/2021	96	95	7.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
174	Service, Lot 51 on Timber Trek Way, 6' below grade.	10/23/2021	95	95	7.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
175	Service, Lot 51 on Timber Trek Way, 4' below grade.	10/23/2021	97	95	7.6	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
176	Service, Lot 51 on Timber Trek Way, 2' below grade.	10/23/2021	97	95	8.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
177	Service, Lot 51 on Timber Trek Way, at grade.	10/23/2021	97	95	8.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
178	Service, Lot 51 on Mesa Top Drive, 5' below grade.	10/23/2021	96	95	8.1	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
179	Service, Lot 51 on Mesa Top Drive, 3' below grade.	10/23/2021	96	95	7.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
180	Service, Lot 51 on Mesa Top Drive, 1' below grade.	10/23/2021	96	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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<b>Subject:</b> Water	<b>Report Date:</b> 10-30-2021	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
181	Service, Lot 51 on Mesa Top Drive, at grade.	10/23/2021	97	95	5.9	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
182	Service, Lot 50 on Mesa Top Drive, 5' below grade.	10/23/2021	96	95	6.2	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
183	Service, Lot 50 on Mesa Top Drive, 3' below grade.	10/23/2021	97	95	6.3	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
184	Service, Lot 50 on Mesa Top Drive, 1' below grade.	10/23/2021	97	95	6.7	SM	M - 130.3 @ 7.6	<input type="checkbox"/>
185	Service, Lot 50 on Mesa Top Drive, at grade.	10/23/2021	96	95	6.4	SM	M - 130.3 @ 7.6	<input type="checkbox"/>

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