



ENTECH
ENGINEERING, INC.

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

August 19, 2016

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

Attn: Raul Guzman

Re: Density Testing – Overlot
Vistas @ Meridian Ranch
Colorado Springs, Colorado
Report No. 1, Tests 1 – 19

Dear Mr. Guzman,

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

Density testing on this site was performed on August 1 through 5, 2016. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests along with the moisture density relation curve 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.

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

MHH/cmw

Enclosure

Entech Job No. 161516
F:\AA projects\2016\161516\161516.1c1




Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
S = standard, ASTM D-698
Subject: Overlot
Report Date: 08-18-2016
T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Easement, northwest portion of lot 48, at grade.	8/1/16	95	95	9.0	SM	M - 130.2 @ 7.3	<input checked="" type="checkbox"/> = Fail
2	North portion between lots 24 and 25, 2' below grade.	8/2/16	97	95	7.8	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
3	Northwest portion of lot 23, 3' below grade.	8/2/16	96	95	9.2	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
4	Center portion between lots 20 and 21, 4' below grade.	8/2/16	96	95	8.4	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
5	Morning Vista Drive between lots 19 and 20, center portion of road, 3' below grade.	8/3/16	97	95	7.9	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
6	Center portion of lot 19, 4' below grade.	8/3/16	95	95	9.3	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
7	Northeast portion of lot 23, 2' below grade.	8/3/16	96	95	8.6	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
8	South central portion of lot 3, 2' below grade.	8/3/16	95	95	9.0	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
9	East central portion of lot 5, 1' below grade.	8/3/16	96	95	8.7	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
10	Northwest portion of lot 63, 3' below grade.	8/4/16	97	95	7.4	SM	M - 130.2 @ 7.3	<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>Matthew Schuda</i> Mark H. Hauschild, P.E.</p>
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Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
S = standard, ASTM D-698
Subject: Overlot
Report Date: 08-18-2016
T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
11	Intersection of Stone Valley Drive and Morning Vista Drive, 3' below grade.	8/4/16	95	95	8.6	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
12	Morning Vista Drive, in front of lot 20, 3' below grade.	8/4/16	95	95	9.0	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
13	East central portion of lot 21, 3' below grade.	8/4/16	97	95	7.9	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
14	Central portion of lot 22, 2' below grade.	8/4/16	95	95	8.7	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
15	West portion between lots 4 and 5, at grade.	8/4/16	95	95	9.1	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
16	West portion between lots 19 and 20, at grade.	8/5/16	96	95	8.2	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
17	Center portion of Morning Vista Drive, west of lot 60, 2' below grade.	8/5/16	95	95	9.0	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
18	West central portion of lot 60, 3' below grade.	8/5/16	97	95	7.9	SM	M - 130.2 @ 7.3	<input type="checkbox"/>
19	West central portion of lot 64, 2' below grade.	8/5/16	96	95	8.6	SM	M - 130.2 @ 7.3	<input type="checkbox"/>

Comments:

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

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Colorado Springs, CO 80907
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FIELD DENSITY RESULTS

M.H. Hauschild
Mark H. Hauschild, P.E.



ENTECH
ENGINEERING, INC.

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

September 13, 2016

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

Attn: Raul Guzman

Re: Density Testing – Overlot
Vistas @ Meridian Ranch
Colorado Springs, Colorado
Report No. 3, Tests 63 – 78

Dear Mr. Guzman,

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

Density testing on this site was performed on August 22, 23, 25 and 26, 2016. 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.

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

MHH/cmw

Enclosure

Entech Job No. 161516
F:\AA projects\2016\161516\161516.1cl3




Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	S = standard, ASTM D-698
Subject: Overlot	Report Date: 09-07-2016	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
63	West central portion of lot 72, 3' below grade.	8/22/16	95	95	7.5	SM	M - 125.6 @ 7.8	<input checked="" type="checkbox"/> = Fail
64	southwest portion of lot 74, 5' below grade.	8/22/16	95	95	9.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
65	West central portion of lot 76, 8' below grade.	8/22/16	95	95	8.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
66	Northwest portion of lot 78, 9' below grade.	8/22/16	95	95	8.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
67	Vista Park Drive, in front of lot 164, 3' below grade.	8/23/16	95	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
68	Vista Park Drive, between lots 165 and 166, 5' below grade.	8/23/16	96	95	7.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
69	Vista Park Drive, in front of lot 167, 6' below grade.	8/23/16	95	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
70	Vista Park Drive, in front of lot 168, 7' below grade.	8/23/16	95	95	9.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
71	East central portion of lot 84, 2' below grade.	8/25/16	96	95	7.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
72	Southeast portion of lot 82, 1' below grade.	8/25/16	95	95	8.7	SM	M - 125.6 @ 7.8	<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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Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	S = standard, ASTM D-698
Subject: Overlot	Report Date: 09-07-2016	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Proctor Type/Value	Pass/Fail
73	Southeast portion of lot 80, at grade.	8/25/16	95	95	8.2	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input checked="" type="checkbox"/>
74	Southeast portion of lot 78, 1' below grade.	8/25/16	95	95	9.5	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input type="checkbox"/>
75	Southwest portion of lot 164, 2' below grade.	8/26/16	98	95	7.3	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input type="checkbox"/>
76	West central portion of lot 166, 3' below grade.	8/26/16	95	95	6.4	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input type="checkbox"/>
77	Southwest portion of lot 168, 5' below grade.	8/26/16	95	95	6.5	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input type="checkbox"/>
78	Central portion of lot 177, 5' below grade.	8/26/16	95	95	6.7	SM	M - 125.6 @ 7.8	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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 <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>Mark H. Hauschild, P.E.</p>
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505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599
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September 20, 2016

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

Attn: Raul Guzman

Re: Density Testing – Overlot
Vistas @ Meridian Ranch
Colorado Springs, Colorado
Report No. 4, Tests 79 – 102

Dear Mr. Guzman,

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

Density testing on this site was performed on September 1-2 and 6-9 2016. 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.

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

MHH/cmw

Enclosure

Entech Job No. 161516
F:\AA projects\2016\161516\161516.1cl4




Client: Tech Contractors
 Entech Job #: 161516.1
 Proctor Value Key: M = modified, ASTM D-1557
 Project: Vistas @ Meridian Ranch
 Tested By: J. Dalton
 S = standard, ASTM D-698
 Subject: Overlot
 Report Date: 09-17-2016
 T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
79	Vistas Park Drive, in front of lot 78, 4' below grade.	9/1/16	95	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
80	Vistas Park Drive, in front of lot 80, 4' below grade.	9/1/16	95	95	6.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
81	Vistas Park Drive, in front of lot 82, 6' below grade.	9/1/16	95	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
82	Vistas Park Drive, in front of lot 84, 9' below grade.	9/1/16	96	95	6.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
83	West central portion of lot 193, 6' below grade.	9/2/16	95	95	8.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
84	Northwest portion of lot 191, 7' below grade.	9/2/16	95	95	6.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
85	Central portion of lot 190, 7' below grade.	9/2/16	95	95	6.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
86	West central portion of lot 188, 6' below grade.	9/2/16	96	95	7.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
87	Central portion of lot 195, 5' below grade.	9/6/16	95	95	9.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
88	West central portion of lot 194, 7' below grade.	9/6/16	95	95	5.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

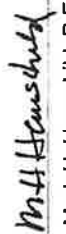
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FIELD DENSITY RESULTS


 Mark H. Hauschild, P.E.


Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
Subject: Overlot
Report Date: 09-17-2016
Proctor Value Key: S = standard, ASTM D-698
T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
89	Southwest portion of lot 192, 8' below grade.	9/6/16	96	95	6.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
90	Central portion of lot 190, 8' below grade.	9/6/16	95	95	7.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
91	Central portion of lot 74, 1' below grade.	9/7/16	95	95	6.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
92	West central portion of lot 76, 3' below grade.	9/7/16	96	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
93	West central portion of lot 78, 4' below grade.	9/7/16	95	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
94	West central portion of lot 80, 3' below grade.	9/7/16	95	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
95	Vistas Park Drive, in front of lot 90, 9' below grade.	9/8/16	95	95	7.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
96	Vistas Park Drive, in front of lot 87, 6' below grade.	9/8/16	95	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
97	Vistas Park Drive, in front of lot 85, 4' below grade.	9/8/16	96	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
98	Vistas Park Drive, in front of lot 83, 3' below grade.	9/8/16	95	95	7.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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FIELD DENSITY RESULTS


 Mark H. Hauschild, P.E.

Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	S = standard, ASTM D-698
Subject: Overlot	Report Date: 09-17-2016	T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
99	Central portion of lot 169, 1' below grade.	9/9/16	96	95	6.5	SM	M - 125.6 @ 7.8	<input checked="" type="checkbox"/>
100	Central portion of lot 171, 2' below grade.	9/9/16	97	95	7.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
101	Central portion of lot 173, 3' below grade.	9/9/16	97	95	6.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
102	Central portion of lot 175, 3' below grade.	9/9/16	95	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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Colorado Springs, CO 80907
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FIELD DENSITY RESULTS

Mark H. Hauschild

Mark H. Hauschild, P.E.



Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
S = standard, ASTM D-698
Subject: Overlot
Report Date: 10-03-2016
T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
103	West central portion of lot 178, 5' below grade.	9/12/16	95	95	7.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
104	Northwest portion of lot 176, 4' below grade.	9/12/16	95	95	8.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
105	Northwest portion of lot 174, 3' below grade.	9/12/16	96	95	6.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
106	Northwest portion of lot 174, 1' below grade.	9/12/16	95	95	5.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
107	Central portion of lot 195, 4' below grade.	9/13/16	96	95	9.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
108	Central portion of lots 192 and 193, 5' below grade.	9/13/16	96	95	6.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
109	Central portion of lot 189, 5' below grade.	9/13/16	95	95	6.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
110	Central portion of lot 186, 4' below grade.	9/13/16	95	95	8.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
111	Country Vistas Way, in front of lot 192, 7' below grade.	9/14/16	97	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
112	Country Vistas Way, in front of lot 190, 8' below grade.	9/14/16	96	95	7.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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

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 <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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Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
Subject: Overlot
Report Date: 10-03-2016
Proctor Value Key: S = standard, ASTM D-698
T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
113	Country Vistas Way, in front of lot 188, 7' below grade.	9/14/16	95	95	8.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
114	Country Vistas Way, in front of lot 186, 6' below grade.	9/14/16	95	95	6.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
115	Central portion of lot 88, 1' below grade.	9/15/16	98	95	7.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
116	North central portion of lot 90, 1' below grade.	9/15/16	95	95	6.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
117	North central portion of lot 91, 3' below grade.	9/15/16	95	95	7.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
118	North central portion of lot 93, 4' below grade.	9/15/16	96	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
119	Vistas Park Drive, in front of lot 173, 1' below grade.	9/16/16	95	95	6.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
120	Vistas Park Drive, in front of lot 175, 2' below grade.	9/16/16	95	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
121	Vistas Park Drive, in front of lot 177, 4' below grade.	9/16/16	95	95	7.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
122	Vistas Park Drive, in front of lot 179, 7' below grade.	9/16/16	96	95	6.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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

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 <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>M.H. Hauschild</i> Mark H. Hauschild, P.E.</p>
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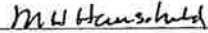
Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	
Subject: Overlot	Report Date: 10-10-2016	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail M = Fail
123	Northeast portion of lot 173, 1' below grade.	9/19/16	95	95	9.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
124	Vistas Park Drive, in front of lot 176, 2' below grade.	9/19/16	96	95	6.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
125	East central portion of lot 178, 5' below grade.	9/19/16	95	95	9.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
126	Northeast portion of lot 180, 7' below grade.	9/19/16	95	95	6.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
127	Central portion of lot 181, 4' below grade.	9/20/16	96	95	6.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
128	Central portion of lot 183, 4' below grade.	9/20/16	95	95	6.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
129	Central portion of lot 185, 5' below grade.	9/20/16	95	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
130	North central portion of lot 187, 4' below grade.	9/20/16	96	95	9.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
131	East central portion of lot 212, 2' below grade.	9/21/16	95	95	9.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
132	Northeast portion of lot 214, 2' below grade.	9/21/16	97	95	7.6	SM	M - 125.6 @ 7.8	<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>	 <p>Mark H. Hauschild, P.E.</p>
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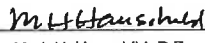
Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	
Subject: Overlot	Report Date: 10-10-2016	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input type="checkbox"/> = Fail
133	Central portion of lot 216, 1' below grade.	9/21/16	96	95	7.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
134	Central portion of lot 218, 2' below grade.	9/21/16	95	95	8.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
135	Southeast portion of lot 90, 1' below grade.	9/22/16	95	95	6.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
136	Central portion of lot 92, 3' below grade.	9/22/16	96	95	6.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
137	Central portion of lot 93, 3' below grade.	9/22/16	95	95	8.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
138	Central portion of lot 95, 1' below grade.	9/22/16	97	95	8.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
139	West central portion of lot 174, 1' below grade.	9/23/16	96	95	7.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
140	Central portion of lot 176, 3' below grade.	9/23/16	95	95	7.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
141	Central portion of lot 178, 4' below grade.	9/23/16	95	95	9.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
142	Central portion of lot 180, 6' below grade.	9/23/16	96	95	8.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

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Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	
Subject: Overlot	Report Date: 10-10-2016	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
143	Central portion of lot 210, 1' below grade.	9/26/16	95	95	8.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
144	South central portion of lot 206, 2' below grade.	9/26/16	96	95	8.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
145	Central portion of lot 204, 4' below grade.	9/26/16	95	95	8.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
146	South central portion of lot 201, 5' below grade.	9/26/16	96	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
147	Evening Sky Drive, south of lot 180, 6' below grade.	9/27/16	95	95	9.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
148	Central portion of lot 179, 5' below grade.	9/27/16	97	95	7.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
149	North central portion of lot 178, 4' below grade.	9/27/16	95	95	6.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
150	North central portion of lot 177, 2' below grade.	9/27/16	96	95	7.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
151	Central portion of lot 182, 3' below grade.	9/28/16	95	95	7.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
152	North central portion of lot 184, 3' below grade.	9/28/16	96	95	6.6	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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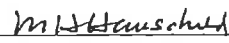
Client: Tech Contractors	Entech Job #: 161516.1	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Vistas @ Meridian Ranch	Tested By: J. Dalton	
Subject: Overlot	Report Date: 10-10-2016	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
153	Central portion of lot 187, 1' below grade.	9/28/16	96	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
154	North central portion of lot 190, 2' below grade.	9/28/16	95	95	6.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
155	Country Vistas Way, in front of lot 181, 2' below grade.	9/29/16	96	95	6.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
156	Country Vistas Way, in front of lot 183, 1' below grade.	9/29/16	96	95	6.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
157	Country Vistas Way, in front of lot 185, 2' below grade.	9/29/16	95	95	6.2	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
158	Country Vistas Way, in front of lot 187, 2' below grade.	9/29/16	95	95	5.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

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Client: Tech Contractors
Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
S = standard, ASTM D-698
Subject: Overlot
Report Date: 10-18-2016
T = AASHTO, T-180

Test #	Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
159	Northwest portion of lot 87, 1' below grade.	10/3/16	96	95	7.9	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
160	West central portion of lot 89, 3' below grade.	10/3/16	96	95	7.5	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
161	West central portion of lot 92, 6' below grade.	10/3/16	95	95	7.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
162	North central portion of lot 94, 7' below grade.	10/3/16	96	95	9.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
163	Central portion of lot 182, 2' below grade.	10/4/16	96	95	6.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
164	Central portion of lot 183, 3' below grade.	10/4/16	97	95	7.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
165	Central portion of lot 185, 2' below grade.	10/4/16	95	95	9.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
166	West central portion of lot 184, 1' below grade.	10/4/16	96	95	8.8	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
167	Southwest portion of lot 92, 5' below grade.	10/5/16	97	95	7.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
168	Northwest portion of lot 93, 6' below grade.	10/5/16	95	95	9.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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Entech Job #: 161516.1
Proctor Value Key: M = modified, ASTM D-1557
Project: Vistas @ Meridian Ranch
Tested By: J. Dalton
S = standard, ASTM D-698
Subject: Overlot
Report Date: 10-18-2016
T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
169	South central portion of lot 95, 5' below grade.	10/5/16	96	95	8.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
170	Central portion of lot 96, 3' below grade.	10/5/16	95	95	8.4	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
171	East central portion of lot 176, at grade.	10/6/16	96	95	6.7	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
172	Northeast portion of lot 178, at grade.	10/6/16	95	95	6.3	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
173	West central portion of lot 179, at grade.	10/6/16	97	95	7.1	SM	M - 125.6 @ 7.8	<input type="checkbox"/>
174	West central portion of lot 177, at grade.	10/6/16	96	95	6.0	SM	M - 125.6 @ 7.8	<input type="checkbox"/>

Comments:

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