



**ENTECH**  
ENGINEERING, INC.

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

October 20, 2014

Land First, Inc.  
154 Del Oro Circle  
Colorado Springs, CO 80919

Attn: Ronald Waldthausen

Re: Density Testing – Overlot  
Meridian Road and Bent Grass Meadows Drive  
Colorado Springs, Colorado  
Report No. 2, Test 9-33

Dear Mr. Waldthausen:

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 14 through 18, 2014. The density testing indicates that the materials have been adequately compacted at the depths and locations noted. Results of the density tests are attached with this letter.

We trust that this has provided you with the information you required. 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., P.E.  
President

JCG/ren

Encl.

Entech Job No. 141422  
3MSW/DEN/2014/141422.1cda



Overlot

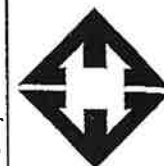
Client: Land First, Inc.	Entech Job #: 141422.1	Proctor Value Key: M = modified, ASTM D-1557
Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	S = standard, ASTM D-698
Subject: Overlot	Report Date: 10-20-2014	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
9	Fill, 15' west and 15' north of southeast corner of Lot 2, 4' below grade.	10/14/14	95	95	6.5	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
10	Fill, 30' west and 25' north of southeast corner of Lot 2, 4' below grade.	10/14/14	97	95	7.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
11	Fill, 16' north and 15' west of southeast corner of Lot 1, 4' below grade.	10/14/14	96	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
12	Fill, 20' north and 40' west of southeast corner of Lot 1, 4' below grade.	10/14/14	96	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
13	Fill, 16' south and 35' west of northeast corner of Lot 2, 4' below grade.	10/14/14	96	95	7.4	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
14	Fill, Trey Lane, 3' south and 22' west of southwest corner of Lot 2, 4' below grade.	10/15/14	97	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
15	Fill, Trey Lane, 20' south and 13' west of northwest corner of Lot 2, 3' below grade.	10/15/14	96	95	7.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
16	Fill, Trey Lane, 4' north and 25' west of southwest corner of Lot 2, 2' below grade.	10/15/14	97	95	6.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
17	Fill, 25' north and 20' west of southeast corner of Lot 1, 3' below grade.	10/15/14	96	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
18	Fill, 15' north and 12' west of southeast corner of Lot 1, 3' below grade.	10/15/14	96	95	7.4	SM	M - 132.0 @ 7.1	<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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## FIELD DENSITY RESULTS

*Joseph C. Goode, Jr., P.E.*  
Joseph C. Goode, Jr., P.E.

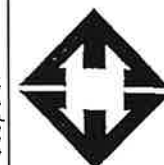
Client: Land First, Inc.	Entech Job #: 141422.1	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	
Subject: Overlot	Report Date: 10-20-2014	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
19	Fill, 70' north and 15' west of southeast corner of Lot 1, 3' below grade.	10/16/14	95	95	7.4	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
20	Fill, 65' north and 10' east of southwest corner of Lot 1, 3' below grade.	10/16/14	96	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
21	Fill, 25' north and 20' east of southwest corner of Lot 1, 3' below grade.	10/16/14	97	95	6.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
22	Fill, 10' north and 30' east of southwest corner of Lot 1, 3' below grade.	10/16/14	96	95	7.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
23	Fill, 5' north and 15' east of southwest corner of Lot 1, 3' below grade.	10/16/14	97	95	6.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
24	Fill, 15' north and 10' east of southwest corner of Lot 2, 3' below grade.	10/16/14	97	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
25	Fill, 60' north and 20' east of southwest corner of Lot 2, 3' below grade.	10/17/14	96	95	6.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
26	Fill, 25' north and 25' east of southwest corner of Lot 2, 3' below grade.	10/17/14	96	95	7.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
27	Fill, 45' north and 40' east of southwest corner of Lot 2, 3' below grade.	10/17/14	96	95	6.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
28	Fill, 16' north and 16' east of southwest corner of Lot 2, 3' below grade.	10/17/14	96	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

#### Comments:

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#### FIELD DENSITY RESULTS

*[Signature]*  
Joseph C. Goode, Jr., P.E.

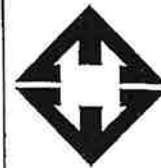
Client: Land First, Inc.	Entech Job #: 141422.1	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	
Subject: Overlot	Report Date: 10-20-2014	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
29	Fill, 15' north and 20' west of southeast corner of Lot 2, 3' below grade.	10/18/14	98	95	6.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
30	Fill, 30' north and 17' west of southeast corner of Lot 2, 2' below grade.	10/18/14	99	95	6.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
31	Fill, 10' south and 30' west of northeast corner of Lot 2, 3' below grade.	10/18/14	96	95	7.0	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
32	Fill, 25' south and 15' west of northeast corner of Lot 2, 2' below grade.	10/18/14	96	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
33	Fill, 25' south and 40' west of northeast corner of Lot 2, 3' below grade.	10/18/14	96	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

**Comments:**

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**FIELD DENSITY RESULTS**

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October 28, 2014

Land First, Inc.  
154 Del Oro Circle  
Colorado Springs, CO 80919

Attn: Ronald Waldthausen

Re: Density Testing – Overlot  
Meridian Road and Bent Grass Meadows Drive  
Colorado Springs, Colorado  
Report No. 3, Test 34-67

Dear Mr. Waldthausen:

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 20 through 25, 2014. The density testing indicates that the materials have been adequately compacted at the depths and locations noted. Results of the density tests are attached with this letter.

We trust that this has provided you with the information you required. 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., P.E.  
President

JCG/ren

Encl.

Entech Job No. 141422  
3MSW/DEN/2014/141422.1clb



OVERLOT

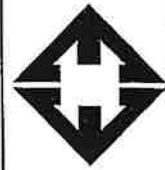
Client: Land First, Inc.	Entech Job #: 141422.1	Proctor Value Key: M = modified, ASTM D-1557
Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	S = standard, ASTM D-698
Subject: Overlot	Report Date: 10-28-2014	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
34	40' south and 60' east of northwest corner of lot 3, 9' below grade.	10/20/14	96	95	8.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
35	45' south and 65' east of northwest corner of lot 3, 9' below grade.	10/20/14	96	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
36	20' south and 20' east of northwest corner of lot 3, 2' below grade.	10/20/14	96	95	8.5	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
37	60' west and 25' north of southeast corner of lot 3, 4' below grade.	10/20/14	97	95	9.0	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
38	80' west and 35' north of southeast corner of lot 3, 4' below grade.	10/20/14	95	95	7.9	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
39	27' east and 30' north of southwest corner of lot 3, 2' below grade.	10/20/14	97	95	8.5	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
40	60' east and 10' north of southwest corner of lot 3, 2' below grade.	10/20/14	97	95	8.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
41	40' east and 45' north of southwest corner of lot 3, 3' below grade.	10/20/14	97	95	8.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
42	42' south and 65' east of northwest corner of lot 3, 7' below grade.	10/20/14	97	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
43	49' south and 70' east of northwest corner of lot 3, 7' below grade.	10/21/14	97	95	8.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

## Comments:

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## FIELD DENSITY RESULTS

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Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	
Subject: Overlot	Report Date: 10-28-2014	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
44	25' south and 25' east of northwest corner of lot 3, 1' below grade.	10/21/14	97	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
45	65' west and 30' north of southeast corner of lot 3, 2' below grade.	10/21/14	97	95	7.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
46	75' west and 30' north of southeast corner of lot 3, 2' below grade.	10/21/14	96	95	6.4	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
47	33' east and 40' north of southwest corner of lot 3, 1' below grade.	10/21/14	96	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
48	70' east and 15' north of southwest corner of lot 3, 1' below grade.	10/21/14	96	95	7.5	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
49	55' north and 45' east of southwest corner of lot 3, 18" below grade.	10/21/14	95	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
50	50' south and 70' east of northwest corner of lot 3, 5' below grade.	10/21/14	97	95	8.0	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
51	40' south and 60' east of northwest corner of lot 3, 5' below grade.	10/21/14	97	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
52	42' south and 62' east of northwest corner of lot 3, 3' below grade.	10/21/14	96	95	7.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
53	48' south and 70' east of northwest corner of lot 3, 3' below grade.	10/23/14	97	95	8.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

**Comments:**

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**FIELD DENSITY RESULTS**

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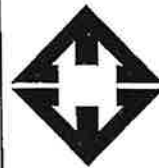
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Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	
Subject: Overlot	Report Date: 10-28-2014	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
54	52' south and 73' east of northwest corner of lot 3, 18" below grade.	10/23/14	96	95	7.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
55	38' south and 60' east of northwest corner of lot 3, 18" below grade.	10/23/14	95	95	8.0	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
56	Trey Lane, 65' south and 4' west of southeast corner of lot 3, 5.5' below grade.	10/23/14	96	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
57	Trey Lane, 30' south and 10' east of southeast corner of lot 3, 5' below grade.	10/23/14	96	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
58	Trey Lane, 10' east of southeast corner of lot 3, 4' below grade.	10/24/14	95	95	8.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
59	Trey Lane, 25' north and 6' east of southeast corner of lot 3, 2' below grade.	10/24/14	96	95	7.2	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
60	Trey Lane, 60' south and 2' west of southeast corner of lot 3, 4' below grade.	10/25/14	96	95	7.7	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
61	Trey Lane, 35' south and 7' east of southeast corner of lot 3, 3' below grade.	10/25/14	97	95	6.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
62	Trey Lane, 20' north and 10' east of southeast corner of lot 3, 2' below grade.	10/25/14	96	95	7.1	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
63	Trey Lane, 55' south and 7' west of southeast corner of lot 3, 2' below grade.	10/25/14	97	95	7.4	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

**Comments:**

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**FIELD DENSITY RESULTS**

*[Signature]*  
Joseph C. Goode, Jr., P.E.



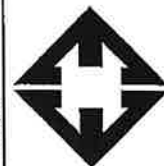
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Project: Meridian Road and Bent Grass Meadows Drive	Tested By: T. Kinner	S = standard, ASTM D-698
Subject: Overlot	Report Date: 10-28-2014	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
64	Trey Lane, 27' south and 3' east of southeast corner of lot 3, 18" below grade.	10/25/14	95	95	8.0	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
65	Trey Lane, 25' south and 30' east of northwest corner of lot 3, at grade.	10/25/14	96	95	7.6	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
66	Trey Lane, 28' south and 45' west of northeast corner of lot 3, at grade.	10/25/14	96	95	7.8	SM	M - 132.0 @ 7.1	<input type="checkbox"/>
67	Trey Lane, 50' north and 37' west of southeast corner of lot 3, at grade.	10/25/14	97	95	7.3	SM	M - 132.0 @ 7.1	<input type="checkbox"/>

**Comments:**

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**FIELD DENSITY RESULTS**

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