



**ENTECH**  
ENGINEERING, INC.

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

May 12, 2018

Pulpit Rock, LLC  
6385 Corporate Drive #200  
Colorado Springs, CO 80919

Attn: Drew Balsick

Re: Density Testing – Electrical Main  
Flying Horse North, Golf Course  
Colorado Springs, Colorado  
Report No. 1, Tests 1 – 9

Dear Mr. Balsick,

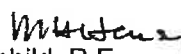
As requested, personnel of Entech Engineering, Inc. have performed density testing at the above referenced site.

Density testing on this site was performed on May 7 and 9, 2018. 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.

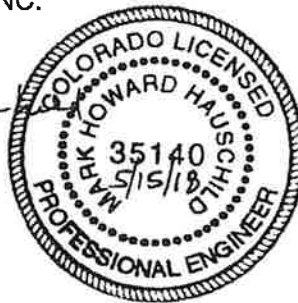
Respectfully Submitted,

ENTECH ENGINEERING, INC.

  
Mark H. Hauschild, P.E.  
Senior Engineer

MHH/slf

Enclosure



Entech Job No. 170569  
F:\AA projects\2017\170596\170596.5cl1.doc


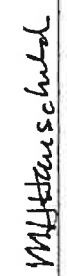
<b>Client:</b> Pulpit Rock, LLC	<b>Entech Job #:</b> 170596.5	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Flying Horse North, Golf Course	<b>Tested By:</b> P. Mairesse	S = standard, ASTM D-698
<b>Subject:</b> Electrical Main	<b>Report Date:</b> 05-12-2018	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Stagecoach Road, station 29x, at grade.	5/7/18	97	95	12.3	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
2	Stagecoach Road, xing road, station 31x, at grade.	5/7/18	98	95	13.2	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
3	Stagecoach Road, station 34x, at grade.	5/7/18	97	95	13.6	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
4	Stagecoach Road, station 36x, at grade.	5/7/18	96	95	11.7	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
5	Stagecoach Road, station 39x, at grade.	5/7/18	98	95	12.2	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
6	Stagecoach Road, station 41x, at grade.	5/7/18	96	95	11.7	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
7	Stagecoach Road, station 43, at grade.	5/9/18	97	95	10.8	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
8	Stagecoach Road, station 45, at grade.	5/9/18	98	95	13.4	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
9	Stagecoach Road, station 47x, at grade.	5/9/18	96	95	12.5	SM	M - 116.1 @ 12.0	<input type="checkbox"/>

**Comments:**

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

All dimensions are approximate. Cl. = Centerline

 <b>ENTECH</b> ENGINEERING, INC. 505 Elkton Drive Colorado Springs, CO 80907 (719) 531-5595 • (719) 531-5238 (fax)	FIELD DENSITY RESULTS	 Mark H. Hauschild, P.E.
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April 5, 2018



**ENTECH**  
ENGINEERING, INC.

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

Pulpit Rock, LLC  
6385 Corporate Drive, Suite 200  
Colorado Springs, Colorado 80919

Attn: Drew Balsick

Re: Excavation Observation – Electric Vault  
15400 Holmes Road  
El Paso County, Colorado

Dear Mr. Balsick:

Personnel of Entech Engineering, Inc. have observed the excavation for the electric vault at the site referenced above. The specific findings for this site are presented in this letter.

The following recommendations are based on conditions observed on March 27, 2018. Entech Engineering, Inc. should be notified if any changes in conditions are encountered or if the excavation depth or location should change.

Soil types observed in the vault excavation were found to consist of silty clay overlying coarse grained sand with gravel. The silty sand with gravel was encountered at vault grade. An allowable bearing capacity on the order of 2400 psf with an equivalent hydrostatic fluid pressure (in the active state) of 45 pcf is recommended for this site.

The subgrade is suitable to support the vault. The vault reinforcing is designed by others.

We trust this has provided you with the information you required. If you have any questions or need additional information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.

Reviewed by:

  
Tae Y. Yang

TYT/slf

Encl.

Entech Job No. 170596  
AAPProjects/2017/170596 excav





**ENTECH**  
ENGINEERING, INC.

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

May 22, 2018

Pulpit Rock, LLC  
6385 Corporate Drive #200  
Colorado Springs, CO 80919

Attn: Drew Balsick

Re: Density Testing – Electrical Main  
Flying Horse North, Golf Course  
Colorado Springs, Colorado  
Report No. 2, Tests 10 – 21

Dear Mr. Balsick,

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

Density testing on this site was performed on May 15 – 17, 2018. 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.

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

MHH/slf

Enclosure

Entech Job No. 170596  
F:\AA projects\2017\170596\170596.5cl2.doc



Client: Pulpit Rock, LLC

Project: Flying Horse North, Golf Course

Subject: Electrical Main

Entech Job #: 170596.5

Tested By: P. Maisresse

Report Date: 05-22-2018

Proctor Value Key: M = modified,  
ASTM D-1557

S = standard,  
ASTM D-698

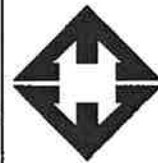
T = AASHTO,  
T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input checked="" type="checkbox"/> = Fail
10	Stagecoach Road, station 79x at 82, xing road, at grade.	5/15/18	95	95	10.4	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
11	Stagecoach Road, station 85x at 88, xing road, at grade.	5/15/18	95	95	10.1	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
12	Stagecoach Road, station 90x at 83, xing road, at grade.	5/15/18	96	95	10.7	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
13	Stagecoach Road, center of Lot #38, at grade.	5/16/18	95	95	10.8	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
14	Stagecoach Road, center of Lot #39, at grade.	5/16/18	97	95	10.4	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
15	Stagecoach Road, northeast corner of Lot #40, at grade.	5/16/18	97	95	11.1	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
16	Stagecoach Road, northwest corner of Lot #40, at grade.	5/16/18	95	95	11.3	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
17	Stagecoach Road, center of Lot #37, at grade.	5/16/18	96	95	10.6	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
18	Stagecoach Road, xing road, station 75 @ 72x, at grade.	5/17/18	97	95	11.3	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
19	Stagecoach Road, center of Lot #33, at grade.	5/17/18	96	95	10.8	SM	M - 116.1 @ 12.0	<input type="checkbox"/>

Comments:

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

All dimensions are approximate. Cl. = Centerline



**ENTECH**  
ENGINEERING, INC.  
505 Elkton Drive  
Colorado Springs, CO 80907  
(719) 531-5596 • (719) 531-5238 (fax)

FIELD DENSITY RESULTS

*Mark H. Hauschild*  
Mark H. Hauschild, P.E.

<b>Client:</b> Pulpit Rock, LLC	<b>Entech Job #:</b> 170596.5	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Flying Horse North, Golf Course	<b>Tested By:</b> P. Mairesse	S = standard, ASTM D-698
<b>Subject:</b> Electrical Main	<b>Report Date:</b> 05-22-2018	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
20	Stagecoach Road, center of Lot #34, at grade.	5/17/18	97	95	11.1	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
21	Stagecoach Road, center of Lot #35, at grade.	5/17/18	95	95	10.2	SM	M - 116.1 @ 12.0	<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 align="center"><b>FIELD DENSITY RESULTS</b></p>	<p align="right">Mark H. Hauschild, P.E.</p>
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**ENTECH**  
ENGINEERING, INC.

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

May 30, 2018

Pulpit Rock, LLC  
6385 Corporate Drive #200  
Colorado Springs, CO 80919

Attn: Drew Balsick

Re: Density Testing – Electrical Main  
Flying Horse North, Golf Course  
Colorado Springs, Colorado  
Report No. 3, Tests 22 – 26

Dear Mr. Balsick,

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

Density testing on this site was performed on May 22 – 23, 2018. 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,

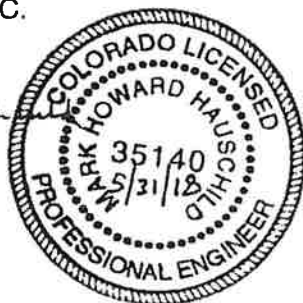
ENTECH ENGINEERING, INC.

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

MHH/slf

Enclosure

Entech Job No. 170596  
F:\AA projects\2017\170596\170596.5cl3.doc




<b>Client:</b> Pulpit Rock, LLC	<b>Entech Job #:</b> 170596.5	<b>Proctor Value Key:</b> M = modified, ASTM D-1557
<b>Project:</b> Flying Horse North, Golf Course	<b>Tested By:</b> P. Mairesse	S = standard, ASTM D-698
<b>Subject:</b> Electrical Main	<b>Report Date:</b> 05-30-2018	T = AASHTO, T-180

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
22	Stagecoach Road, center of Lot #19, north side, at grade.	5/22/18	96	95	10.6	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
23	Stagecoach Road, center of Lot #18, north side, at grade.	5/22/18	97	95	10.8	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
24	Stagecoach Road, center of Lot #16, north side, at grade.	5/22/18	95	95	11.0	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
25	Stagecoach Road, xing road, station 150, at grade.	5/23/18	96	95	11.7	SM	M - 116.1 @ 12.0	<input type="checkbox"/>
26	Milam Road, east side, lot #19, at grade.	5/23/18	95	95	10.2	SM	M - 116.1 @ 12.0	<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 align="center"><b>FIELD DENSITY RESULTS</b></p>	<p align="right"><i>Mark H. Hauschild</i> Mark H. Hauschild, P.E.</p>
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