



October 17, 2024

El Paso County  
Development Services Division  
2880 International Circle  
Colorado Springs, CO 80910

**RE: Lot 1 Independence Place at Cheyenne Mountain Filing No. 1A – Private Storm Sewer**

The private storm drainage facilities for Lot 1 Independence Place at Cheyenne Mountain Filing No. 1A consist of:

- 18" RCP Storm Drain 1,549 LF
- 24" RCP Storm Drain 1,041 LF
- 30" RCP Storm Drain 376 LF
- 5' Type R Inlet 8 EA
- 10' Type R Inlet 2 EA
- 15' Type R Inlet 1 EA
- 20' Type R Inlet 1 EA
- CDOT Type C Inlet 5 EA
- Storm Manhole 8 EA
- Pond Outfall Structure 2 EA
- Riprap 33 CY

The above listed storm was installed by El Dorado Springs 6035, LLC and per the approved drainage report, the system drains to (2) permanent detention/water quality facilities.

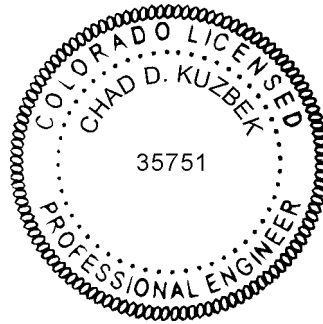
WestWorks Engineering has reviewed the attached letter from Entech Engineering, Inc. Based upon this information and information gathered during periodic site visits to the project during the installation of the storm sewer facilities, WestWorks Engineering is of the opinion that the storm sewer facilities have been construction in general compliance with the approved design plans and specifications as filed with the County.

On behalf of El Dorado Springs 6035, LLC, WestWorks Engineering hereby requests probationary inspection of these facilities by County Engineering so that the warranty period can begin.

STATEMENT OF ENGINEER IN RESPONSIBLE CHARGE:

To the best of knowledge, information, and belief, the referenced private storm drainage facilities have been constructed in general compliance with the approved design plans and specifications as filed with El Paso County.

Seal & Signature of P.E.



Chad Kuzbek, P.E.

Colorado No. 35751

For and on behalf of WestWorks Engineering



**ENTECH**  
ENGINEERING, INC.

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

October 18, 2024

City of Colorado Springs  
City Engineering Division  
30 South Nevada Avenue, Suite 702  
Colorado Springs, Colorado

Attn: Cyndi Morris  
Subdivision Engineering Review Manager

Subject: Utility Trench Backfill – Storm Sewer  
Within the Public Streets Rights of Ways of:

El Dorado Springs Apartments – Westmark Avenue  
Colorado Springs, Colorado  
Entech Job No. 212982

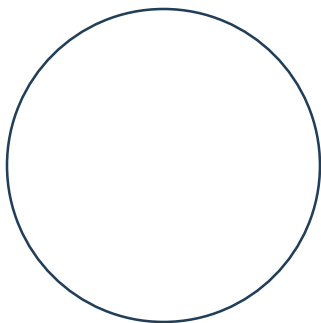
Dear Ms. Morris:

Representatives of Entech Engineering, Inc. (Entech) periodically visited the site and performed field density testing during the construction of the storm sewer pertaining to the above referenced site along Westmark Avenue. Testing was performed in general compliance with the frequency indicated in the City of Colorado Springs Standard Specifications. Results of field density tests have previously been provided. Field density tests were taken by Entech personnel from October 3, 2022 to October 18, 2022. Results indicate that the compaction efforts meet the requirements specified in the City of Colorado Springs Standard Specifications.

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

Respectfully Submitted,

ENTECH ENGINEERING, INC.



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

JCG/cw

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**ENTECH**  
ENGINEERING, INC.  
Density Testing Summary

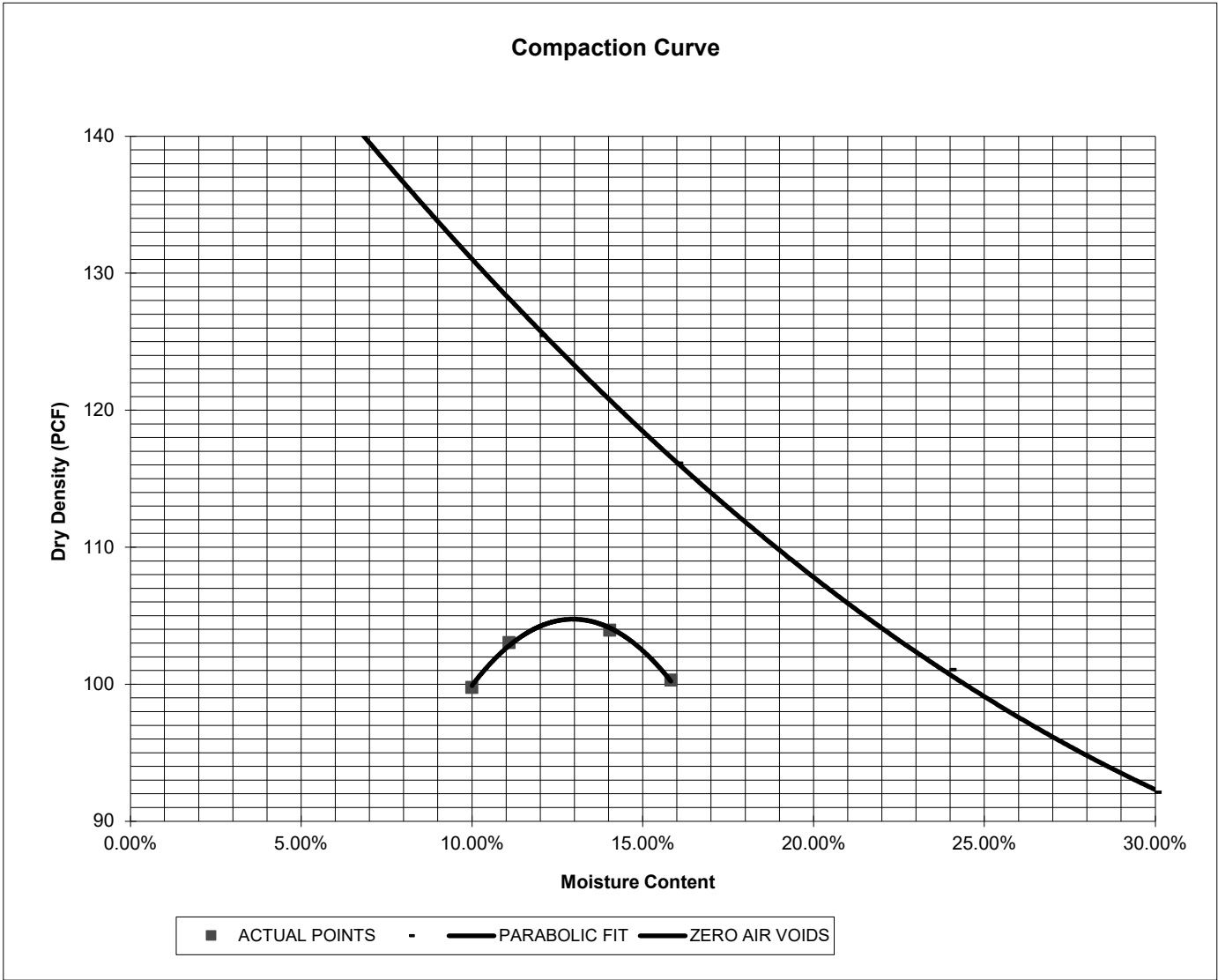
**Client:** ESH Development, LLC  
**Project:** El Dorado Springs Apartments  
**Entech Job #:** 212982.45  
**Subject:** Storm Sewer

**QC Reviewed by:** \_\_\_\_\_  
**QA Reviewed by:** \_\_\_\_\_  
**Report Date:** 18-Oct-24

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail <input type="checkbox"/> = Fail
52	Main, PUB-01, STA # 8 + 50 east side, 12' below grade.	10/3/2022	98	98	11.9	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
53	Main, PUB-01, STA # 8 + 50 west side, 12' below grade.	10/3/2022	99	98	12.5	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
54	Main, PUB-01, STA # 8 + 70, 10' below grade.	10/3/2022	99	98	11.8	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
55	Main, PUB-01, STA # 8 + 70, 8' below grade.	10/3/2022	99	95	11.5	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
56	Main, PUB-01, STA # 8 + 70, 6' below grade.	10/4/2022	99	95	12.5	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
57	Main, PUB-01, STA # 8 + 70, 4' below grade.	10/4/2022	98	95	11.4	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
58	Main, PUB-01, STA # 8 + 70, 2' below grade.	10/4/2022	99	95	12.8	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
59	Main, PUB-01, STA # 8 + 70, at grade.	10/5/2022	98	95	11.7	SM	M - 104.9 @ 13.0	<input type="checkbox"/>
64	Manhole # 8, 2' below grade.	10/18/2022	96	95	14.8	SC	S - 104.9 @ 13.0	<input type="checkbox"/>
65	Manhole # 8, at grade.	10/18/2022	95	95	13.6	SC	S - 104.9 @ 13.0	<input type="checkbox"/>

<u>PROJECT</u>	ELDORADO SPRINGS	<u>CLIENT</u>	ESH DEVELOPMENT
<u>SAMPLE LOCATION</u>	EAST STOCKPILE	<u>JOB NO.</u>	212982
<u>SOIL DESCRIPTION</u>	SAND, SILTY, BROWN	<u>DATE</u>	11/10/21

<u>IDENTIFICATION</u>	SM	<u>PROCTOR TEST #</u>	2
<u>TEST DESIGNATION / METHOD</u>	ASTM D-698-A	<u>TEST BY</u>	BC
<u>MAXIMUM DRY DENSITY (PCF)</u>	104.9	<u>OPTIMUM MOISTURE</u>	13.0%



**ENTECH  
ENGINEERING, INC.**

505 ELKTON DRIVE  
COLORADO SPRINGS, COLORADO 80907

**MOISTURE DENSITY RELATION**

DRAWN:

DATE:

CHECKED:

DATE:

JOB NO.:

212982

FIG NO.: