WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250430-A-APA

Testing Date: 04/30/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 6+50 10’ right of cl					F - Finished ground surface				0.0			
2	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 7+00 10’ left of cl					F - Finished ground surface				0.0			
3	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 8+00 10’ right of cl					F - Finished ground surface				0.0			
4	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 8+50 10’ left of cl					F - Finished ground surface				0.0			
5	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 9+50 10’ right of cl					F - Finished ground surface				0.0			
6	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 10+50 10’ left of cl					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250430-A-APA

Testing Date: 04/30/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 11+00 10’ right of cl					F - Finished ground surface				0.0			
8	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Cable Ln STA 11+50 10’ left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed a proof roll and compaction testing in the vicinity of Cable Ln Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250514-C-APA

Testing Date: 05/14/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.8	100	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Alturas Dr STA 4+90 10' left of cl					C - Pavement/Slab Elevation				1.0			
2	05/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Alturas Dr STA 5+50 10' right of cl					C - Pavement/Slab Elevation				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course in the vicinity of Alturas Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250523-A-JAG

Testing Date: 05/23/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/23/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		117.7	99	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hunters Run STA 12+50 (L)					C - Pavement/Slab Elevation				0.0			
2	05/23/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		117.5	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hunters Run STA 14+00 (L)					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing of base course for Hunters Run and asphalt compaction testing of asphalt along Cable Lane. Compaction results are presented in the attached report. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250624-B-TWE

Testing Date: 06/24/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.9	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 3+75 Haven Cove Pt. LOC curbline					C - Pavement/Slab Elevation				0.0			
2	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.1	95	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 2+00 Haven Cove Pt. LOC curbline					C - Pavement/Slab Elevation				0.0			
3	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.4	95	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 31+00 Havenward VW ROC curbline					C - Pavement/Slab Elevation				0.0			
4	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		117.5	99	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 29+00 Havenward VW LOC curbline					C - Pavement/Slab Elevation				0.0			
5	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.7	95	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 15+25 Hawk Haven VW ROC curbline					C - Pavement/Slab Elevation				0.0			
6	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.1	95	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 16+75 Hawk Haven VW LOC curbline					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250624-B-TWE

Testing Date: 06/24/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.1	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 24+75 Deer Haven VW LOC curbline					C - Pavement/Slab Elevation				0.0			
8	06/24/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.9	96	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 26+00 Deer Haven VW ROC curbline					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed density tests for base course curb line. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250709-A-TWE

Testing Date: 07/09/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.8	96	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 3+75 Haven Cove Point 6' LOC					C - Pavement/Slab Elevation				0.0			
2	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.7	95	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 1+75 Haven Cove Point 6' ROC					C - Pavement/Slab Elevation				0.0			
3	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.4	95	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 31+00 6' LOC Havenward View					C - Pavement/Slab Elevation				0.0			
4	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.8	97	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 29+00 6' ROC Havenward View					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250709-A-TWE

Testing Date: 07/09/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
5	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.4	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 15+50 6' ROC Hawk Haven View					C - Pavement/Slab Elevation				0.0			
6	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.6	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 17+25 6' LOC Hawk Haven View					C - Pavement/Slab Elevation				0.0			
7	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.8	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 24+75 6' LOC Deer Haven View					C - Pavement/Slab Elevation				0.0			
8	07/09/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.4	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 26+75 6' ROC Deer Haven View					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course and proof roll. Results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250805-A-SXB

Testing Date: 08/05/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/05/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.1	98	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			25'S & 1'W from corner of driveway					C - Pavement/Slab Elevation				0.0			
2	08/05/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	9.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			25'N & 1'W from corner of drive					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on basecourse for sidewalk in the vicinity of 1621 Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250909-A-AJW

Testing Date: 09/09/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/09/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 7+00 right of center line Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			
2	09/09/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 8+00 right of center line Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			
3	09/09/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 10+00 right of center line Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			
4	09/09/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 12+00 right of centerline Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for sidewalk in the vicinity of the South side of Cable Ln. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk in the vicinity of Cable Ln . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250910-A-AJW

Testing Date: 09/10/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 10+00 right of center line Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			
2	09/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 12+00 right of center line Cable Ln sidewalk					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the sidewalk for the South side of Cable Ln in the vicinity of Leta Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk in the vicinity of Lets Dr . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250911-A-SXB

Testing Date: 09/11/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.4	96	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 3+50 left of center line					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the sidewalk in the vicinity of Alturas Dr and Cable Ln . Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk in the vicinity of Alturas Dr and Cable Ln . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250911-B-SXB

Testing Date: 09/11/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			40'E & 3'S from the NE corner of the foundation at 1616 Widefield Dr					C - Pavement/Slab Elevation				0.0			
2	09/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.5	97	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			40'E & 5'N from NE corner of the foundation at 1612 Widefield Dr					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the sidewalk in the vicinity of 1616 Widefield Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk in the vicinity of 1616 Widefield Dr. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250912-A-APA

Testing Date: 09/12/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/12/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1620 Widefield Dr. 20'W of cl x 2'N of storm water inlet					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course for the sidewalk placement in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for the sidewalk placement in the vicinity of Widefield Dr . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250915-A-APA

Testing Date: 09/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.3	99	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			416 Pecos Dr. 2' N of back of sidewalk & 8' W of mailbox					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course for driveway replacement in the vicinity of 416 Pecos Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the driveway placement in the vicinity of 416 Pecos Dr. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250917-A-APA

Testing Date: 09/17/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/17/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.6	97	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Ped ramp @ Hawk Haven View STA 15+50 25' left of cl					C - Pavement/Slab Elevation				0.0			
2	09/17/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.6	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View STA 15+75 25' right of cl					C - Pavement/Slab Elevation				0.0			
3	09/17/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		118.3	99	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View STA 16+50 25' right of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course for the sidewalk placement in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk placement in the vicinity of Hawk Haven View . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250918-A-APA

Testing Date: 09/18/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/18/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View STA 14+80 30' right of cl					C - Pavement/Slab Elevation				0.0			
2	09/18/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View STA 17+55 25' left of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course for sidewalk placement in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Technician also perfomred concrete tetsing for concrete being placed for the sidewalk placement in the vicinity of Hawk Haven View . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250923-A-AJW

Testing Date: 09/23/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/23/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.2	96	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			SW corner of Deer Haven View and Haven View Point (side walk)					C - Pavement/Slab Elevation				0.0			
2	09/23/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.5	98	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			NE corner of Hawk Haven View and Havenward View (side walk)					C - Pavement/Slab Elevation				0.0			
3	09/23/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.2	95	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			STA 18+00 Hawk Haven View (Mail box pad) end of street					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed concrete testing for concrete being placed for the sidewalk on the Northeast corner of Hawk Haven View and Havenward View in the vicinity of Leta Dr. Concrete field test results are presented in a separate report. Technician also performed compaction testing for the sidewalk Northeast corner of Hawk Haven View and Hawk Haven View and the Southwest cormer of Deer Haven View and Haven View Point in the vicinity of Leta Dr . Compaction results are presented in the attached report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251027-A-APA

Testing Date: 10/27/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1609 Widefield Dr 2'S of driveway cl & 2'W from back of curb					C - Pavement/Slab Elevation				0.0			
2	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1617 Widefield Dr 2'S of driveway cl & 3'W from back of curb					C - Pavement/Slab Elevation				0.0			
3	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1621 Widefield Dr 25'S of driveway cl & 3'E from Widefield Dr cl					C - Pavement/Slab Elevation				0.0			
4	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1625 Widefield Dr 30'S of driveway corner & 3'E from Widefield Dr cl					C - Pavement/Slab Elevation				0.0			
5	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1629 Widefield Dr 25'S of driveway & 4'E from Widefield Dr cl					C - Pavement/Slab Elevation				0.0			
6	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1616 Widefield Dr 10'S of driveway & 3'E fromback of curb					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251027-A-APA

Testing Date: 10/27/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	10/27/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1629 Widefield Dr 12'N of driveway & 2'W from manhole @ Widefield Dr cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course in the vicinity of Widefield Drive. Technician also performed compaction testing on asphalt in the vicinity of Widefield Drive. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251028-A-APA

Testing Date: 10/28/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/28/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1620 Widefield Dr 2'N from mailbox & 8'E from Widefield Dr cl					C - Pavement/Slab Elevation				0.0			
2	10/28/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			1620 Widefield Dr 35'S from mailbox & 6'W from Widefield Dr cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on base course for asphalt placement in the vicinity of Widefield Dr. Compaction results are presented in the attached report. The county inspector came at 10:15 a.m and said it was too cold to place asphalt. The inspector agreed to let the asphalt contractor to place one section of bottom mat only. Asphalt placement will start at 1 P.M today. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260709-A-AJW

Testing Date: 07/09/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.5	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Havenlock Pt. SS STA 2+00					C - Pavement/Slab Elevation				0.0			
2	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.4	95	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Haven Pt. SS STA 21+00					C - Pavement/Slab Elevation				0.0			
3	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.4	95	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Havenward View pt. SS STA 32+00					C - Pavement/Slab Elevation				0.0			
4	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.6	96	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Havenlock Pt. SS STA 23+00					C - Pavement/Slab Elevation				0.0			
5	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.0	95	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			New Haven Pt. SS STA 40+00					C - Pavement/Slab Elevation				0.0			
6	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.8	95	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			New Haven Pt. SS STA 37+40					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260709-A-AJW

Testing Date: 07/09/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		113.5	95	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			New Haven Pt. SS STA 35+00					C - Pavement/Slab Elevation				0.0			
8	07/09/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		112.6	95	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View SS STA 14+00					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed proof roll and density testing in the vicinity of Havenlock Pt, Havenward , New Haven Pt, and Hawk Haven View. Density testing was performed for compaction and moisture. Compaction test results are attached to this report.Proof roll was completed after density testing was completed on Havenlock Pt and Havenward , New Haven Pt. and Hawk Haven View. No deflection or soft spots were encountered during visit. Very firm, all streets probed for soft spots as well during proof roll. RJ with Pyramid Construction on site was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260929-A-ACK

Testing Date: 09/29/26

Field Technician Andrew Keeton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/29/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.3	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Sidewalk subgrade on Havenward View, 10'S of Havenlock Point, Lot 39					C - Pavement/Slab Elevation				0.0			
2	09/29/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.0	98	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Pedestrian ramp subgrade, 15'W of Havenlock Point, Lot 33					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture density testing on sidewalk subgrade prior to concrete being poured. Test results are presented in this report. A concrete test was preformed on concrete being laid for sidewalk sections. One set of five compressive strength concrete cylinders was cast and left onsite for initial curing. Test results are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20261001-A-ACK

Testing Date: 10/01/26

Field Technician Andrew Keeton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/01/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.7	97	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Sidewalk base course, Havenlock Pt., 75'N of Lot 34					C - Pavement/Slab Elevation				0.0			
2	10/01/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.8	98	13.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Sidewalk base course, Havenlock Pt., 10'W of Lot 34					C - Pavement/Slab Elevation				0.0			
3	10/01/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.4	96	13.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Sidewalk base course, Havenlock Pt., 25'N of Lot 35					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture density testing on sidewalk base course prior to concrete being poured. Test results are presented in the attached report. A concrete test was performed on concrete being poured for the sidewalk. One set of five compressive strength cylinders were cast and left on site for initial cure. Test results are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20261002-A-JTE

Testing Date: 10/02/26

Field Technician Jonathan Eberly

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/02/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			15'E of handicap on southwest side of street on south side sidewalk repair patch, Hawk Haven view					F - Finished ground surface				0.0			
2	10/02/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.1	95	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			38'E of handicap on southwest side of street on south side sidewalk repair patch, Hawk Haven view					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed a cylinder pick up for one set of five concrete cylinders to be transported back to the RMG laboratory and logged in for further compressive strength testing. RMG also performed moisture and density testing for sidewalk. Density test results are in the attached report. RMG also performed concrete testing for this location. Approximately 9 yards of concrete was placed. One set of five concrete cylinders were cast and left on site for initial cure. Concrete field test results are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20261006-A-HNP

Testing Date: 10/06/26

Field Technician Hugo Perez

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/06/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.5	96	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View and New Haven Point, NW corner sidewalk					C - Pavement/Slab Elevation				0.0			
2	10/06/2026	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.7	97	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	BC - Base Course			Hawk Haven View and New Haven Point, SW corner sidewalk					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sidewalk. Density results are presented in the attached report. Contractor was notified.
Concrete tests were performed on concrete placed for sidewalk. One set of five compressive strength concrete test cylinders were cast and left on site for initial cure.
Results of field tests such as slump and air content are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20241223-A-APA

Testing Date: 12/23/24

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	12/23/2024	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			West fore bay pond #1 8'S & 8'E of northwest corner of structure floor					C - Pavement/Slab Elevation				0.0			
2	12/23/2024	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			East fore bay pond#1 8'S & 8'E of northwest corner of structure floor					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for detention pond fore bay in the vicinity of Leta Dr. Technician also observed the rebar, the rebar was installed in general conformance with DREXEL, BARRELL & CO. Engineers plan,9/6/2024 , OUT1, S/52. RMG also performed concrete testing for concrete placed for fore bay floors in the vicinity of Leta Dr. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Concrete field reults are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250508-A-APA

Testing Date: 05/08/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.2	97	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 7+00 20’ right of cl					C - Pavement/Slab Elevation				0.0			
2	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.8	97	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 8+25 20’ right of cl					C - Pavement/Slab Elevation				0.0			
3	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.2	96	11.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 9+50 20’ right of cl					C - Pavement/Slab Elevation				0.0			
4	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.7	97	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 11+25 20’ right of cl					C - Pavement/Slab Elevation				0.0			
5	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.9	97	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 11+00 20’ left of cl					C - Pavement/Slab Elevation				0.0			
6	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.3	97	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 9+00 20’ left of cl					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250508-A-APA

Testing Date: 05/08/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.9	97	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 8+00 20' left of cl					C - Pavement/Slab Elevation				0.0			
8	05/08/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.7	96	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 7+25 20' left of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed a proof roll on Cable Ln. Technician also performed compaction testing on sub grade on areas to receive curb and gutter placement in the vicinity of Cable Ln. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250515-A-APA

Testing Date: 05/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/15/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.2	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 6+20 10’ right of cl					F - Finished ground surface				0.0			
2	05/15/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.9	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 6+20 10’ left of cl					C - Pavement/Slab Elevation				0.0			
3	05/15/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.6	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Alturas Dr STA 4+80 10’ right of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed a proof roll on base course on the west side of Alturas Dr in the vicinity of Cable Ln ..Technician also performed compaction testing on subgrade on the east side of the intersection in the vicinity of Cable Ln and Alturas Dr . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250520-A-APA

Testing Date: 05/20/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/20/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.5	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			25’ from STA 8+75 (Cable lane) right of the center line					C - Pavement/Slab Elevation				0.0			
2	05/20/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		117.1	98	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			25’ from STA 9+25 (cable lane) right of the center line					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for curb and gutter in the vicinity of Cable Ln. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the curb and gutter in the vicinity of Cable Ln . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250522-B-APA

Testing Date: 05/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/22/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.2	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 6+50 8' right of cl					C - Pavement/Slab Elevation				0.0			
2	05/22/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		115.7	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 8+00 10' left of cl					C - Pavement/Slab Elevation				0.0			
3	05/22/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.9	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 9+50 8' right of cl					C - Pavement/Slab Elevation				0.0			
4	05/22/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		116.0	98	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 10+50 8' left of cl					C - Pavement/Slab Elevation				0.0			
5	05/22/2025	9	ASTM D-1557	GC-Clayey Gravel (Daniels Crushed Concrete)	118.9	95	11.9	2 / -2		114.9	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Cable Ln STA 12+00 8' right of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade in the vicinity of Cable Ln. Compaction results are presented in the attached report. Technician also performed a proof roll in the vicinity of Cable Ln . Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250616-A-TWE

Testing Date: 06/16/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/16/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.0	95	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 4+25 Haven Cove Point 9' LOC					C - Pavement/Slab Elevation				0.0			
2	06/16/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.6	97	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 2+00 Haven Cove Point 9' ROC					C - Pavement/Slab Elevation				0.0			
3	06/16/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		125.6	99	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 29+50 Haven Ward vw pt 9' LOC					C - Pavement/Slab Elevation				0.0			
4	06/16/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		121.6	96	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 25+25 Deer Haven vw pt 9' LOC					C - Pavement/Slab Elevation				0.0			
5	06/16/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		123.4	97	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 26+50 Deer Haven vw pt 9' ROC					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade in the vicinity of the site. Compaction results are presented in the attached report.
Pyramid preformed a proof roll while on site and there was pumping so they are going to rework the roads. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250617-A-TWE

Testing Date: 06/17/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		121.3	96	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 4+25 Haven Cover 9' ROC					C - Pavement/Slab Elevation				0.0			
2	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.3	96	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 2+25 Haven Cover 9' LOC					C - Pavement/Slab Elevation				0.0			
3	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		119.9	95	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 31+40 Havenward vw 9' LOC					C - Pavement/Slab Elevation				0.0			
4	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		123.4	97	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 29+50 Havenward vw 9' ROC					C - Pavement/Slab Elevation				0.0			
5	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.3	95	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 25+25 Deer Haven 9' ROC					C - Pavement/Slab Elevation				0.0			
6	06/17/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		125.9	99	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			STA 26+50 Deer Haven 9' LOC					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade and proof roll. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250620-A-JAG

Testing Date: 06/20/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Havenward View STA 30+50 (R)					F - Finished ground surface				8.0			
2	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.0	95	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Havenward View STA 29+00 (L)					F - Finished ground surface				8.0			
3	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.6	98	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Hawk Haven View STA 15+75 (R)					F - Finished ground surface				8.0			
4	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.6	95	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Hawk Haven View STA 17+50 (L)					F - Finished ground surface				8.0			
5	06/20/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		123.7	98	12.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Deer Haven View STA 25+00 (L)					F - Finished ground surface				8.0			
6	06/20/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.7	95	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Deer Haven View STA 26+50 (R)					F - Finished ground surface				8.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250620-A-JAG

Testing Date: 06/20/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	06/20/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		125.7	99	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Haven Cove Point STA 3+50 (R)					F - Finished ground surface				8.0			
8	06/20/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		123.9	98	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Haven Cove Point STA 2+00 (L)					F - Finished ground surface				8.0			

Inspection Comments:

During the requested site visit, RMG performed a proof roll observation accompanied with compaction testing for curb and gutter in the vicinity of Havenward View , Hawk Haven View., Deer Haven View, and Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250701-A-TWE

Testing Date: 07/01/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/01/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.0	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Center of cross pan for Hawk Haven View & Havenward View					C - Pavement/Slab Elevation				0.0			
2	07/01/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.2	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Center of cross pan for Hawk Haven View & Deer Haven View					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the cross pan and curb and gutter in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the cross pan and curb and gutter in the vicinity of Hawk Haven View. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250702-A-TWE

Testing Date: 07/02/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/02/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		125.2	99	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Center of crosspan at Heavenward and Havencove Point					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the crosspan in the vicinity of Heavenward and Havencove Point. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the crosspan in the vicinity of Heavenward and Havencove Point . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250729-A-JXS

Testing Date: 07/29/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.7	95	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1633 Widefield Dr - 1.5'W & 10'S from SW corner of driveway (sidewalk)					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for sidewalk in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250731-A-APA

Testing Date: 07/31/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/31/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.1	98	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1629 Widefield Dr 10'S of driveway corner & 2'E of TBC					C - Pavement/Slab Elevation				0.0			
2	07/31/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1629 Widefield Dr 30'S of driveway corner & 2'E of TBC					C - Pavement/Slab Elevation				0.0			
3	07/31/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	9.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1629 Widefield Dr 15'S of driveway & 5'W of back of sidewalk @ curb					C - Pavement/Slab Elevation				0.0			
4	07/31/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.8	100	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1629 Widefield Dr 25'S of driveway & 5'W of back of sidewalk @ curb					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for sidewalk placement in the vicinity of 1629 Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250806-A-TWE

Testing Date: 08/06/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/06/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.5	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			14'S & 2'W of SW corner of 1621 Widefield Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for sidewalk in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250808-A-TWE

Testing Date: 08/08/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/08/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	9.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			16'E & 9'N of SE corner of 412 Pecos Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for sidewalk in the vicinity of Widefield & Pecos. Compaction results are presented in the attached report. Technician also performed concrete testing for sidewalk in the vicinity of Widefield & Pecos. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250812-A-APA

Testing Date: 08/12/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/12/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			416 Pecos Dr 20'E x 2'S of SE corner of driveway					C - Pavement/Slab Elevation				0.0			
2	08/12/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			416 Pecos Dr 1'W x 2'S of SW corner of driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for sidewalk placement in the vicinity of 416 Pecos Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk placement in the vicinity of 416 Pecos Dr. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250821-A-JAG

Testing Date: 08/21/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			1617 Widefield Drive: 20'S & 1'W of SW corner of private driveway (Sidewalk)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing of subgrade for sidewalk in the vicinity of Widefield Drive and utility trenches for gas service and main lines in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Lots 1-8; STA 15+00 through 7+50. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250912-A-JDW

Testing Date: 09/12/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/12/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		123.8	98	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Haven Cove Point STA 2+75 sidewalk					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for sidewalk in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the sidewalk in the vicinity of Haven Cove Point . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 2 sets of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250916-A-JDW

Testing Date: 09/16/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/16/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		105.9	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Havenlock Point STA 23+10 (sidewalk)					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for the sidewalk on Havenlock Point in the vicinity of Haven Valley . Compaction results are presented in the attached report. Technician also performed concrete tetsing for concrete being placed for the sidewalk on Havenlock Point in the vicinity of Haven Valley. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250922-A-JXS

Testing Date: 09/22/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			Hawk Haven View STA 17+50 right of centerline					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sidewalk subgrade in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Technician also performed concrete tetsing for concrete being placed for the sidewalk in the vicinity of Hawk Haven View . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251009-A-JXS

Testing Date: 10/09/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.6	95	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			50'E from overflow wall (East wall footing)					E - Foundation / footing grade				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on the East wall footing. Compaction results are presented in the attached report. Technician also performed concrete tetsing for concrete being placed for the East wall footing. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also performed reinforcing steel observation completed on storm drain inlet base . Reinforcing steel appears to be placed with general conformance with structural plans by Colorado Department of transportation, Dated 7-4-12, standard inlet type D, m604- 11. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251029-A-JGL

Testing Date: 10/29/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.1	95	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			40'N from S end of spillway channel & middle of channel					C - Pavement/Slab Elevation				0.0			
2	10/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.1	96	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			12'N from S end of spillway channel & middle of channel					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for concrete slab in spillway channel. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251030-A-APA

Testing Date: 10/30/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			15'S from end of wall & 4'E of inlet box on Pecos Dr					C - Pavement/Slab Elevation				0.0			
2	10/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SG - Subgrade			20'N from south end of channel wall & middle of channel.					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on subgrade for storm water channel floor in the vicinity of Pecos Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260609-A-JAG

Testing Date: 06/09/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/09/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.3	95	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			New Haven Point STA 36+25 (L)					F - Finished ground surface				0.0			
2	06/09/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.3	96	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			New Haven Point STA 38+75 (R)					F - Finished ground surface				0.0			
3	06/09/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.2	95	9.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point STA 19+50 (L)					F - Finished ground surface				0.0			
4	06/09/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		124.6	98	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point STA 22+00 (R)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing of roadway subgrade and a proof roll of deflecting areas previously identified. All areas were observed stable with no significant deflection. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260615-A-JXS

Testing Date: 06/15/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenward View STA 32+00 left of centerline (curb line)					F - Finished ground surface				0.0			
2	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenward View STA 32+75 right of centerline (curb line)					F - Finished ground surface				0.0			
3	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Hawkhaven View STA 14+00 right of centerline (curb line)					F - Finished ground surface				0.0			
4	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Hawkhaven View STA 14+40 left of centerline (curb line)					F - Finished ground surface				0.0			
5	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenward View STA 32+50 near middle of roadway					F - Finished ground surface				0.0			
6	06/15/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Hawkhaven View STA 14+40 left in middle of roadway					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed a proof roll and compaction testing on subgrade for roadway and curb and gutter prior to base course placement. Density test results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260924-A-JXS

Testing Date: 09/24/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		110.2	93	8.0	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point south of Lot #85, pedestrian ramp west end					C - Pavement/Slab Elevation				0.0			
2	09/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	7.9	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point south of Lot #85, pedestrian ramp west end retest					C - Pavement/Slab Elevation				0.0			
3	09/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	8.3	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point west of Lot #28, pedestrian ramp					C - Pavement/Slab Elevation				0.0			
4	09/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	8.6	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			New Haven Point north of Lot #26, pedestrian ramp					C - Pavement/Slab Elevation				0.0			
5	09/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	8.1	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			New Haven Point northeast of Lot #27 near mailboxes					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on subgrade for sidewalk. Density results are presented in the attached report. Contractor was notified. Concrete tests were performed on concrete placed for sidewalk. One set of five compressive-strength concrete test cylinders were cast and left on site for initial cure. Results of field tests such as slump and air content are presented in a separate report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260925-A-JXS

Testing Date: 09/25/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			New Haven Point in front of Lot 16 ramp (east side of ramp)					C - Pavement/Slab Elevation				0.0			
2	09/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point east of Lot #85, west sidewalk					C - Pavement/Slab Elevation				0.0			
3	09/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SGO - Subgrade			Havenlock Point east of Lot #84, west sidewalk					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on subgrade for sidewalk. Density results are presented in the attached report. Contractor was notified. Concrete tests were performed on concrete placed for sidewalk. One set of five compressive-strength concrete test cylinders were cast and left on site for initial cure. Results of field tests such as slump and air content are presented in a separate report. Contractor was notified. A previously-cast set of concrete cylinders were retrieved and delivered to the lab where they were demolded, labeled and placed in the cure room.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250610-A-JDW

Testing Date: 06/10/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Haven Cove Point STA 4+35 (Sleeve)					F - Finished ground surface				1.5			
2	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.3	96	14.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Deer Haven View STA 24+25 (Sleeve)					F - Finished ground surface				3.0			
3	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.1	97	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Haven Cove Point STA 2+75 (Sleeve)					F - Finished ground surface				3.0			
4	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.0	97	13.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Haven Cove Point STA 2+75 (Sleeve)					F - Finished ground surface				1.5			
5	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.5	96	14.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Haven Cove Point STA 2+75 (Sleeve)					F - Finished ground surface				0.0			
6	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Deer Haven View STA 24+25 (Sleeve)					F - Finished ground surface				1.5			
7	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.9	95	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Haven Cove Point STA 4+35 (Sleeve)					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250610-A-JDW

Testing Date: 06/10/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Deer Haven View STA 24+25 (Sleeve)					F - Finished ground surface				0.0			
9	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	14.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View STA 28+25 (Sleeve)					F - Finished ground surface				3.0			
10	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View STA 28+25 (Sleeve)					F - Finished ground surface				1.5			
11	06/10/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View STA 28+25 (Sleeve)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for sleeves in the vicinity of Haven Cove Point, Deer Haven View and Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250619-A-JAG

Testing Date: 06/19/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/19/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.3	95	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			25'S form SE corner of driveway of 416 Pecos Dr					C - Pavement/Slab Elevation				1.5			
2	06/19/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.2	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			25'S form SE corner of driveway of 416 Pecos Dr					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water and sewer trench for laterals in the vicinity of 416 Pecos Dr. Compaction results are presented in the attached report. No organics were observed in trench. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250620-A-JDW

Testing Date: 06/20/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			34'S & 5'W from NW corner of property					C - Pavement/Slab Elevation				0.0			
2	06/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			34'S & 25'W from NW corner of property					C - Pavement/Slab Elevation				2.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on utility trench backfill in front of 1633 Widefield Drive. Utilities (water) were 4 ' deep top of pipe. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250623-B-TWE

Testing Date: 06/23/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			27'S & 8'W of 1629 Widefield SW driveway corner					C - Pavement/Slab Elevation				2.0			
2	06/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			27'S & 6'W of 1629 Widefield SW driveway corner					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed density tests on utility trench. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250624-A-TWE

Testing Date: 06/24/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.4	95	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			13'W & 1'S of SW corner of 1629 Widefield Dr.					C - Pavement/Slab Elevation				1.5			

Inspection Comments:

During the requested site visit, RMG performed density test on utility trench. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250625-B-TWE

Testing Date: 06/25/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/25/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.6	95	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			23'N & 17'W of NW corner of 1621 Widefield Dr.					C - Pavement/Slab Elevation				1.0			

Inspection Comments:

During the requested site visit, RMG performed density tests for utility trench. Density test results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250625-C-TWE

Testing Date: 06/25/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/25/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			26'S & 15'W of SW corner of 1621 Widefield driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed density test on utility trench. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250626-B-TWE

Testing Date: 06/26/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	06/26/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			34'N & 13'W of 1613 Widefield driveway NW corner					C - Pavement/Slab Elevation				0.0			
2	06/26/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			15'W of 1617 Widefield driveway SW corner					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed density tests on utility trench. Density results are presented in the attached report.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250813-A-SXB

Testing Date: 08/13/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.8	95	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 46 Haven Cove Point					F - Finished ground surface				0.0			
2	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		118.2	100	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 45 Haven Cove Point					F - Finished ground surface				0.0			
3	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.5	100	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 44 Haven Cove Point					F - Finished ground surface				0.0			
4	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		117.8	100	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 43 Haven Cove Point					F - Finished ground surface				0.0			
5	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 42 Haven Cove Point					F - Finished ground surface				0.0			
6	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.4	100	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 41 Haven Cove Point					F - Finished ground surface				0.0			
7	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.3	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2’ from back of curb STA 3+50 LOC Haven Cove Point					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250813-A-SXB

Testing Date: 08/13/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		98.9	85	8.1	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4' from back of curb Lot 47 Deer Haven View					F - Finished ground surface				0.0			
9	08/13/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4' from back of curb Lot 48 Deer Haven View					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for for utility trench in the vicinity of Haven Valley and Deer Haven View . Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the inlets in the vicinity of Widefield Dr . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250815-A-SXB

Testing Date: 08/15/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 47 at Deer Haven View					F - Finished ground surface				0.0			
2	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 49 at Deer Haven View					F - Finished ground surface				0.0			
3	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 50 at Deer Haven View					F - Finished ground surface				0.0			
4	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 51 at Deer Haven View					F - Finished ground surface				0.0			
5	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.7	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 52 at Deer Haven View					F - Finished ground surface				0.0			
6	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 53 at Deer Haven View					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250815-A-SXB

Testing Date: 08/15/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	08/15/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4' from back of curb Lot 54 at Deer Haven View					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on utility trenches in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250819-A-SXB

Testing Date: 08/19/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.2	95	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 56 on Deer Haven					F - Finished ground surface				0.0			
2	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.4	96	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 57					F - Finished ground surface				0.0			
3	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.8	98	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 58 at Deer Haven					F - Finished ground surface				0.0			
4	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 59 at Deer Haven					F - Finished ground surface				0.0			
5	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		117.7	100	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 60 at Deer Haven					F - Finished ground surface				0.0			
6	08/19/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.1	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back of curb Lot 61 at Deer Haven					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the utility trench in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Lots 55 and 62 were not tested. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250821-A-JAG

Testing Date: 08/21/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		101.8	98	17.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 1 (Service)					F - Finished ground surface				0.0			
3	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		103.6	99	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 2 (Service)					F - Finished ground surface				0.0			
4	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		105.5	100	17.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 3 (Service)					F - Finished ground surface				0.0			
5	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		99.7	95	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 4 (Service)					F - Finished ground surface				0.0			
6	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		103.9	100	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 5 (Service)					F - Finished ground surface				0.0			
7	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		104.7	100	19.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 6 (Service)					F - Finished ground surface				0.0			
8	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		101.7	97	19.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 7 (Service)					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250821-A-JAG

Testing Date: 08/21/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
9	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		102.6	98	18.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View Lot 8 (Service)					F - Finished ground surface				0.0			
10	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		103.7	99	18.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View STA 17+15 (L); 1.50’ behind curb (Main)					F - Finished ground surface				0.0			
11	08/21/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		99.1	95	19.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Hawk Haven View STA 15+40 (L) 1.50’ behind curb (Main)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing of subgrade for sidewalk in the vicinity of Widefield Drive and utility trenches for gas service and main lines in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Lots 1-8; STA 15+00 through 7+50. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250822-A-SXB

Testing Date: 08/22/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 71 of Havenward View					F - Finished ground surface				0.0			
2	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.4	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 72 on Havenward View					F - Finished ground surface				0.0			
3	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		117.2	100	12.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 73 on Havenward View					F - Finished ground surface				0.0			
4	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.6	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 74 on Havenward View					F - Finished ground surface				0.0			
5	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 75 on Havenward View					F - Finished ground surface				0.0			
6	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.2	95	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 76 on Havenward View					F - Finished ground surface				0.0			
7	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.8	98	13.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 77 on Havenward View					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250822-A-SXB

Testing Date: 08/22/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.5	96	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 78 on Havenward View					F - Finished ground surface				0.0			
9	08/22/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		90.1	77	8.1	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			4’ from back curb at Lot 79 on Havenward View					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for utility trench’s in the vicinity of Havenward View Lots 71-79. Lot 79 failed will retest when called back out. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250828-A-AJW

Testing Date: 08/28/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/28/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.1	98	9.3	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' back of curb Lot 79 Havenward View (Retest of #9 from 8/22)					F - Finished ground surface				0.0			
2	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.4	96	14.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 63 Havenward View					F - Finished ground surface				0.0			
3	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		103.7	89	17.3	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 64 Havenward View					F - Finished ground surface				0.0			
4	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	13.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 65 Havenward View					F - Finished ground surface				0.0			
5	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		102.1	87	21.2	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 66 Havenward View					F - Finished ground surface				0.0			
6	08/28/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		106.6	90	10.4	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Tie in near Lot 10 back of curb 1' Hawk Haven View					F - Finished ground surface				0.0			
7	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		104.5	90	19.7	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 70 Havenward View					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250828-A-AJW

Testing Date: 08/28/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		109.9	94	15.9	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 69 Havenward View					F - Finished ground surface				0.0			
9	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		108.7	93	17.2	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 68 Havenward View					F - Finished ground surface				0.0			
10	08/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		108.4	93	16.5	N	N	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb Lot 67 Havenward View					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing over utility trench for Lots 63-70 and a re test for Lot 79 Havenward View. Compaction testing was also performed for utility trench tie in near Lot 10 on hawk Haven View. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250902-A-AJW

Testing Date: 09/02/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	10.8	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1’ back of curb lot 64					C - Pavement/Slab Elevation				0.0			
2	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	11.5	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1’ back of curb lot 66					C - Pavement/Slab Elevation				0.0			
3	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	11.2	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1’ back of curb lot 67					C - Pavement/Slab Elevation				0.0			
4	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	11.3	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3’ back of curb lot 68					C - Pavement/Slab Elevation				0.0			
5	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	10.8	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2’ back of curb lot 69					C - Pavement/Slab Elevation				0.0			
6	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	10.6	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2’ back of curb lot 70					C - Pavement/Slab Elevation				0.0			
7	09/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	8.1	Y	Y	Y	Y
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Utility tie in near lot 10					C - Pavement/Slab Elevation				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250902-A-AJW

Testing Date: 09/02/25

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	09/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			1' back of curb lot 1 (purge point)					C - Pavement/Slab Elevation				0.0			
9	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.8	96	13.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' back of curb lot 55 (purge point)					C - Pavement/Slab Elevation				0.0			
10	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.0	95	14.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2' back of curb lot 71 (purge point)					C - Pavement/Slab Elevation				0.0			
11	09/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2' back of curb lot 40 (purge point)					C - Pavement/Slab Elevation				0.0			
12	09/02/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.5	96	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			2' back of curb lot 62 (purge point)					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for failing tests on Lots 64, 66, 67, 68, 69, 70 and the tie in for utilities. Compaction testing on purge points were also completed near Lots 1, 55, 71, 40, and 62. Compaction test results are attached to this report. Todd with Miller Pipeline was onsite and was informed on passing compaction tests.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20251001-A-SXB

Testing Date: 10/01/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	10/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.0	95	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			5'W of SW corner of foundation at 416 Pecos					C - Pavement/Slab Elevation				0.0			
2	10/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			15'W & 10'N from NW corner of foundation at 416 Pecos					C - Pavement/Slab Elevation				0.0			
3	10/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.1	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			25'N from NE corner of foundation at 412 Pecos					C - Pavement/Slab Elevation				0.0			
4	10/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			25'N & 15'W from NE corner of foundation at 412 Pecos					C - Pavement/Slab Elevation				0.0			
5	10/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			30'N & 5'E from NW corner of 412 Pecos					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on the U channel in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contarctor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260812-A-SXB

Testing Date: 08/12/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 9, Hawk Haven					F - Finished ground surface				0.0			
2	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 10, Hawk Haven					F - Finished ground surface				0.0			
3	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 11, Hawk Haven					F - Finished ground surface				0.0			
4	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 12, Hawk Haven					F - Finished ground surface				0.0			
5	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 13, Hawk Haven					F - Finished ground surface				0.0			
6	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 14, New Haven					F - Finished ground surface				0.0			
7	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 15, New Haven					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260812-A-SXB

Testing Date: 08/12/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 16, New Haven					F - Finished ground surface				0.0			
9	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 17, New Haven					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on water lateral trench backfill behind the curb line. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260812-A-SXB-REV-1

Testing Date: 08/12/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 9, Hawk Haven					F - Finished ground surface				0.0			
2	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 10, Hawk Haven					F - Finished ground surface				0.0			
3	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 11, Hawk Haven					F - Finished ground surface				0.0			
4	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 12, Hawk Haven					F - Finished ground surface				0.0			
5	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 13, Hawk Haven					F - Finished ground surface				0.0			
6	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 14, New Haven					F - Finished ground surface				0.0			
7	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 15, New Haven					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260812-A-SXB-REV-1

Testing Date: 08/12/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 16, New Haven					F - Finished ground surface				0.0			
9	08/12/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 17, New Haven					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on gas/electric backfill behind the curb line. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260813-A-SXB

Testing Date: 08/13/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/13/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 96 New Haven					F - Finished ground surface				0.0			
2	08/13/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 97 New Haven					F - Finished ground surface				0.0			
3	08/13/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			3' from curb line, Lot 98 New Haven					F - Finished ground surface				0.0			
4	08/13/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Transformer box, Lot 17 New Haven					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on transformer box and gas/electric trench backfill behind the curb line. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260818-A-HNP

Testing Date: 08/18/26

Field Technician HUGO PEREZ

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.5	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 92 gas line					F - Finished ground surface				0.0			
2	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.4	95	11.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 93 as line					F - Finished ground surface				0.0			
3	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 94 gas line					F - Finished ground surface				0.0			
4	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 95 gas line					F - Finished ground surface				0.0			
5	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 18 gas line					F - Finished ground surface				0.0			
6	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 19 gas line					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260818-A-HNP

Testing Date: 08/18/26

Field Technician HUGO PEREZ

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	08/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.6	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 20 gas line					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on a gas line for Lots 92, 93, 94, 95, 18, 19, and 20. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260824-A-HNP

Testing Date: 08/24/26

Field Technician HUGO PEREZ

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 85 gas line					F - Finished ground surface				0.0			
2	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.4	100	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 86-87 gas line					F - Finished ground surface				0.0			
3	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 89-88 gas line					F - Finished ground surface				0.0			
4	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 90-91 gas line					F - Finished ground surface				0.0			
5	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.4	100	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 21-22 gas line					F - Finished ground surface				0.0			
6	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 23-24 gas line					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260824-A-HNP

Testing Date: 08/24/26

Field Technician HUGO PEREZ

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lots 25-26 gas line					F - Finished ground surface				0.0			
8	08/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.4	95	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Lot 27 gas line					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on gas lines on Lots 21-27 and 85-91. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260827-A-JAG

Testing Date: 08/27/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.5	100	16.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot 28					F - Finished ground surface				0.0			
2	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.9	98	14.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot 29					F - Finished ground surface				0.0			
3	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		105.6	97	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot 30					F - Finished ground surface				0.0			
4	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		103.7	95	15.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot 31					F - Finished ground surface				0.0			
5	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.3	96	14.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot 33					F - Finished ground surface				0.0			
6	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.5	99	16.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View, Lot 84					F - Finished ground surface				0.0			
7	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		105.6	97	16.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View, Lot 83					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260827-A-JAG

Testing Date: 08/27/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.1	97	16.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View, Lot 82					F - Finished ground surface				0.0			
9	08/27/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.6	96	15.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View, Lot 81					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for gas and electric trench lines at final grade along Havenlock Point and Havenward View . Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260901-A-SXB

Testing Date: 09/01/26

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/01/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.6	98	14.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock, Lot 39, 4' from back of curb					F - Finished ground surface				0.0			
2	09/01/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.9	99	15.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock, Lot 38, 4' from back of curb					F - Finished ground surface				0.0			
3	09/01/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.1	97	15.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock, Lot 37, 4' from back of curb					F - Finished ground surface				0.0			
4	09/01/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.9	96	14.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock, Lot 36, 4' from back of curb					F - Finished ground surface				0.0			
5	09/01/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.3	99	14.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock, Lot 35, 4' from back of curb					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on utility trenches. Moisture and density test results are attached in this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260903-A-JXS

Testing Date: 09/03/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, Lot #34					F - Finished ground surface				0.0			
2	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Cable Lane, STA 11+60, 4’ behind sidewalk					F - Finished ground surface				0.0			
3	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Cable Lane, STA 10+50, 4’ behind sidewalk					F - Finished ground surface				0.0			
4	09/03/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.7	96	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, STA 22+50, right of CL					F - Finished ground surface				0.0			
5	09/03/2026	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.1	97	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, STA 20+50, right of CL					F - Finished ground surface				0.0			
6	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenlock Point, STA 22+00, left of CL					F - Finished ground surface				0.0			
7	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			Havenward View, STA 32+00, right of CL					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260903-A-JXS

Testing Date: 09/03/26

Field Technician Jason Stockley

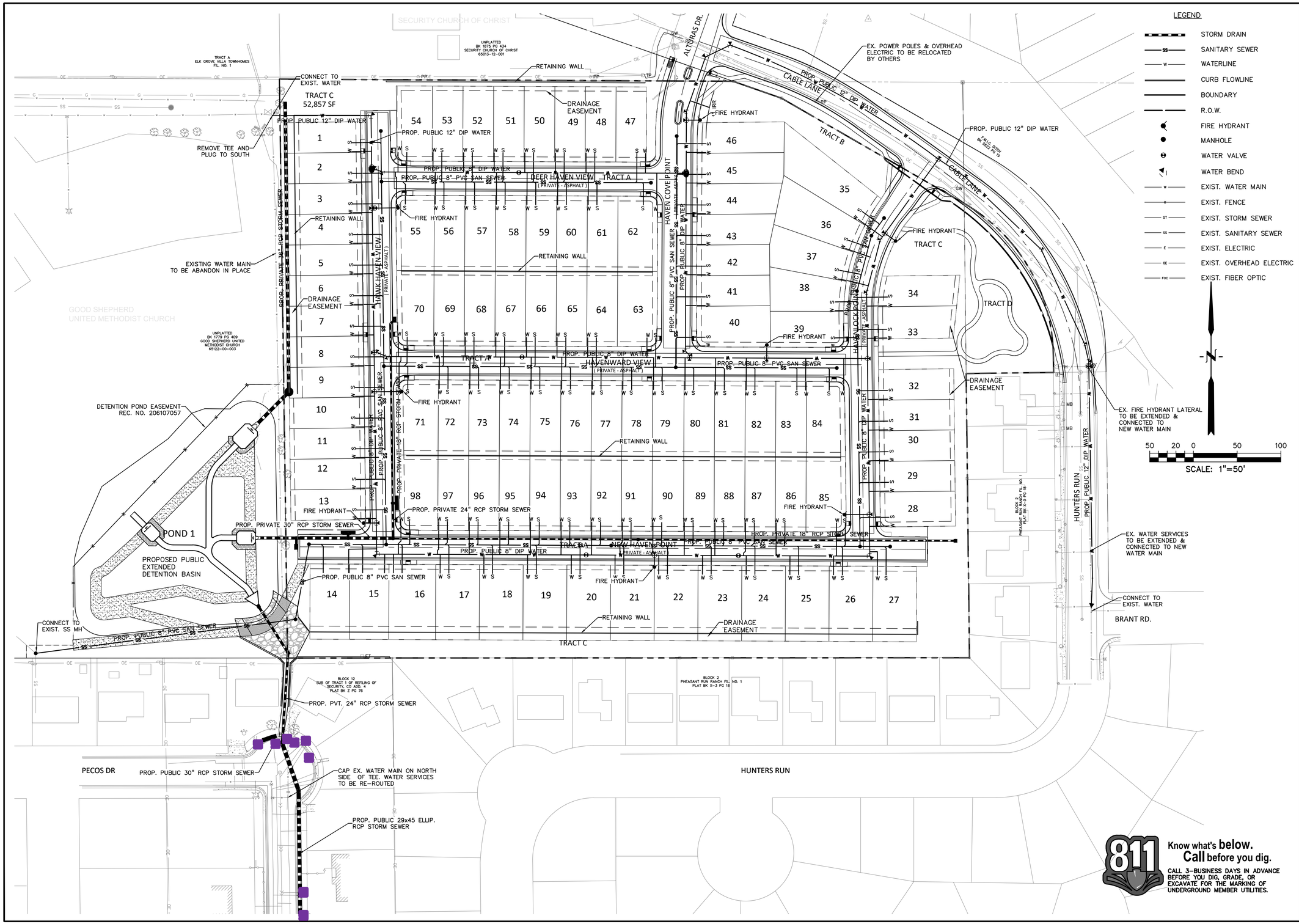
Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	09/03/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	13.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			New Haven Point, STA 35+50, right of CL					F - Finished ground surface				0.0			
9	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			New Haven Point, STA 37+00, left of CL					F - Finished ground surface				0.0			
10	09/03/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.0	98	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	UT - Utility Trench			New Haven Point, STA 39+15, right of CL					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on utility trench backfill for gas and electric. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.



PREPARED BY:

DREXEL, BARRELL & CO.
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CLIENT:

MIDCO INVESTMENTS, LLC

P.O. BOX 60069
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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UP01

COLORADO REGISTERED 38767 7/29/24 PROFESSIONAL ENGINEER

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: N/A

OVERALL UTILITY PLAN

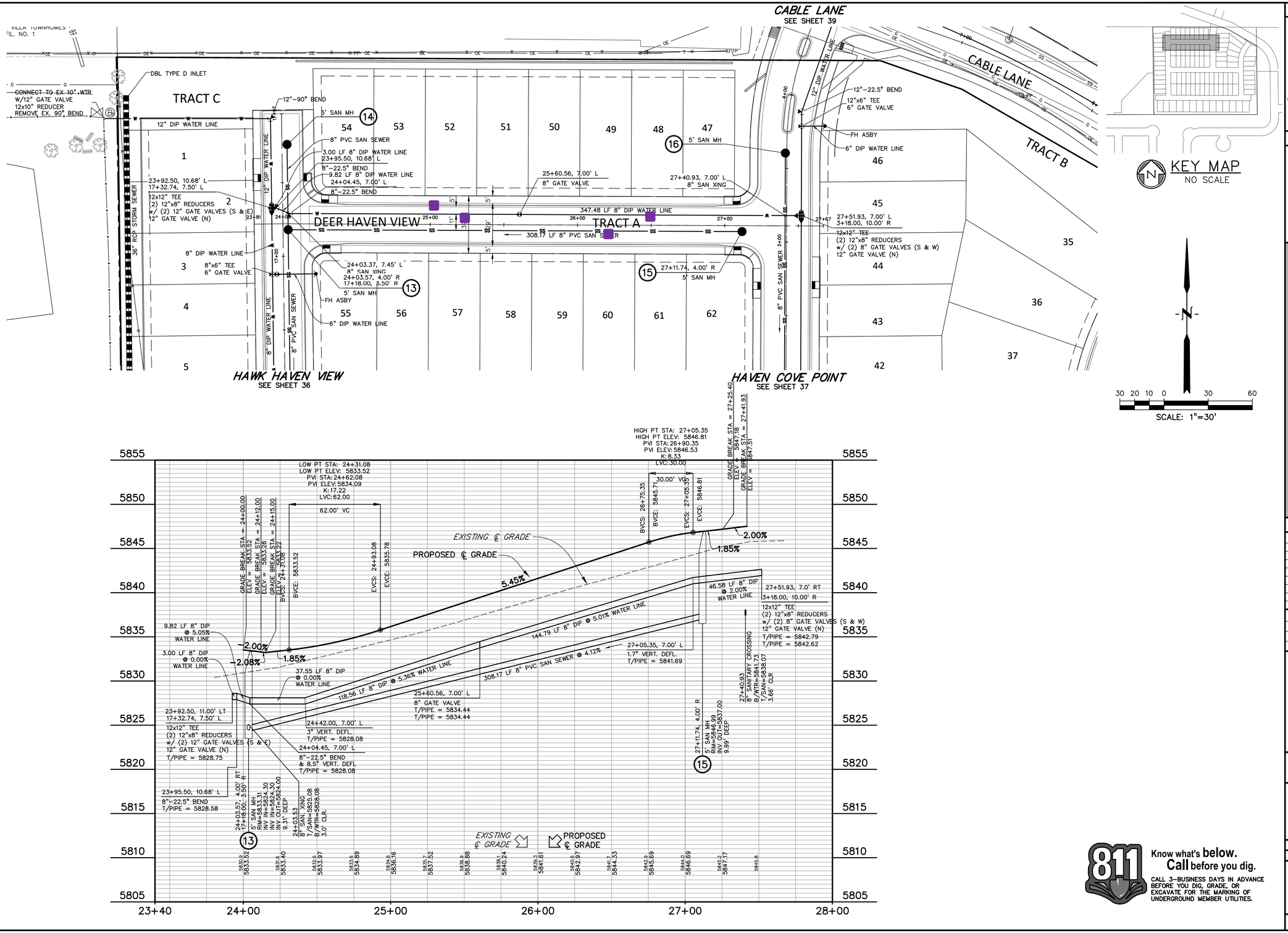
PROJECT NO. 21085-03CSCV

DRAWING NO.

UP01

SHEET: 32 OF 52

811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



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CONSTRUCTION DOCUMENTS FOR:
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT01

COLORADO REGISTERED PROFESSIONAL ENGINEER 52767 7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

DEERHAVEN VIEW WATER & SAN. PLAN & PROFILE

PROJECT NO. 21085-03CSCV

DRAWING NO.

UT01

SHEET: 33 OF 52

811 Know what's **below.** **Call** before you dig.
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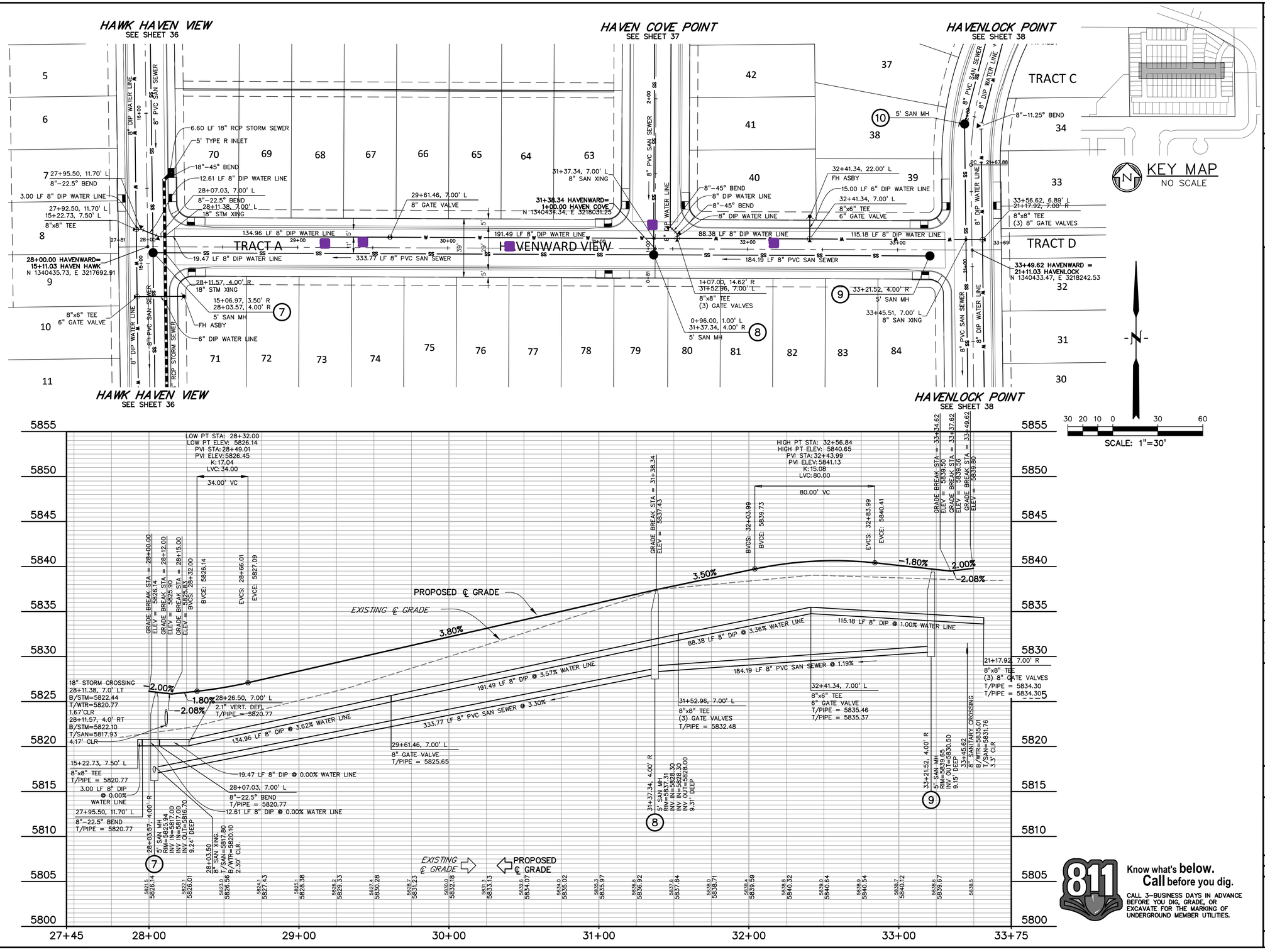

PREPARED BY:

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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD./ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

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DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT02

COLORADO REGISTERED 28757 PROFESSIONAL ENGINEER 7/29/24

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DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

HAVENWARD VIEW
WATER & SAN.
PLAN & PROFILE

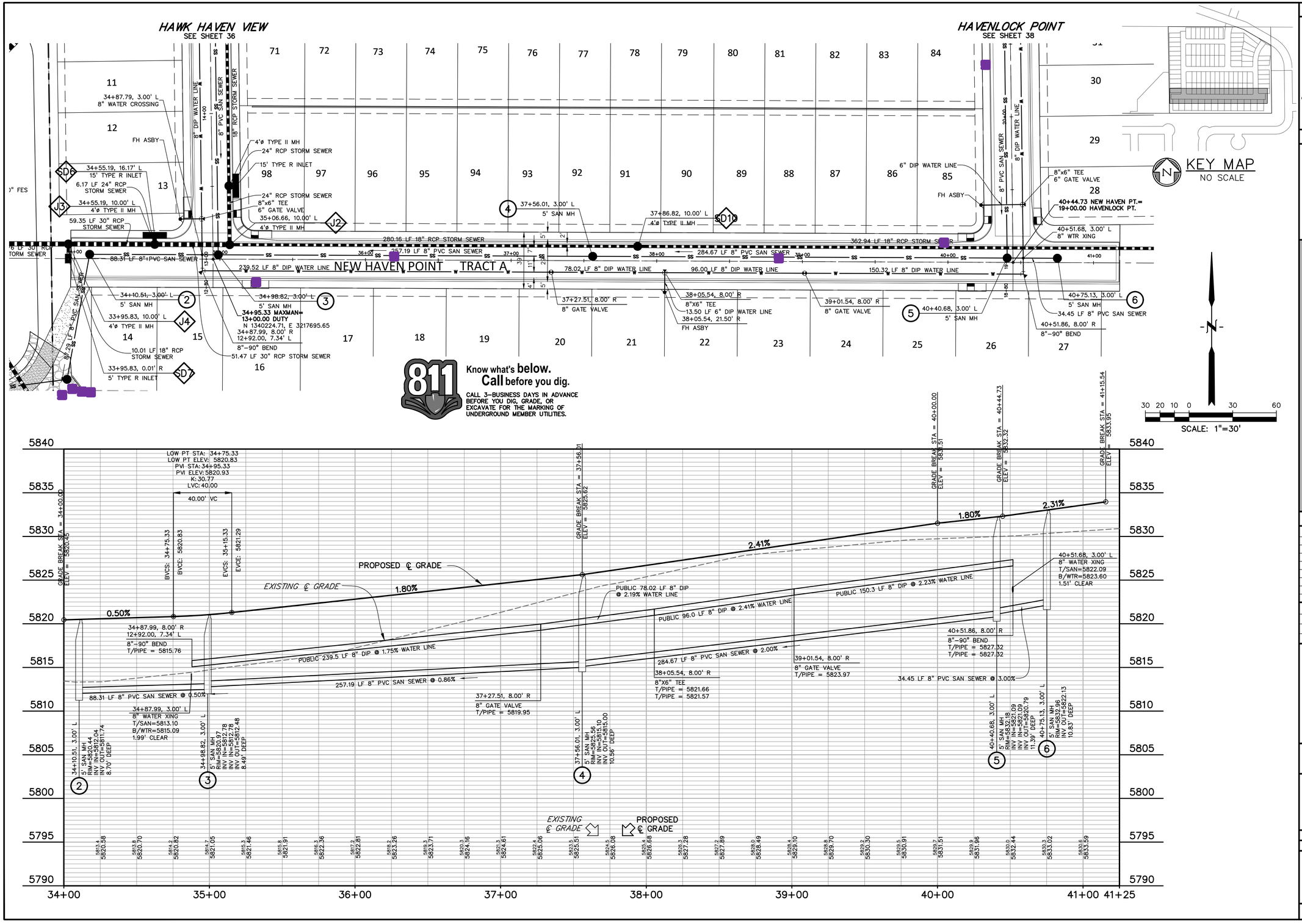
PROJECT NO. 21085-03CSCV

DRAWING NO.

UT02

811 Know what's **below.** **Call** before you dig.
CALL 3–BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

SHEET: 34 OF 52



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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

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DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT03

COLORADO REGISTERED 38767 PROFESSIONAL ENGINEER 7/29/24

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DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

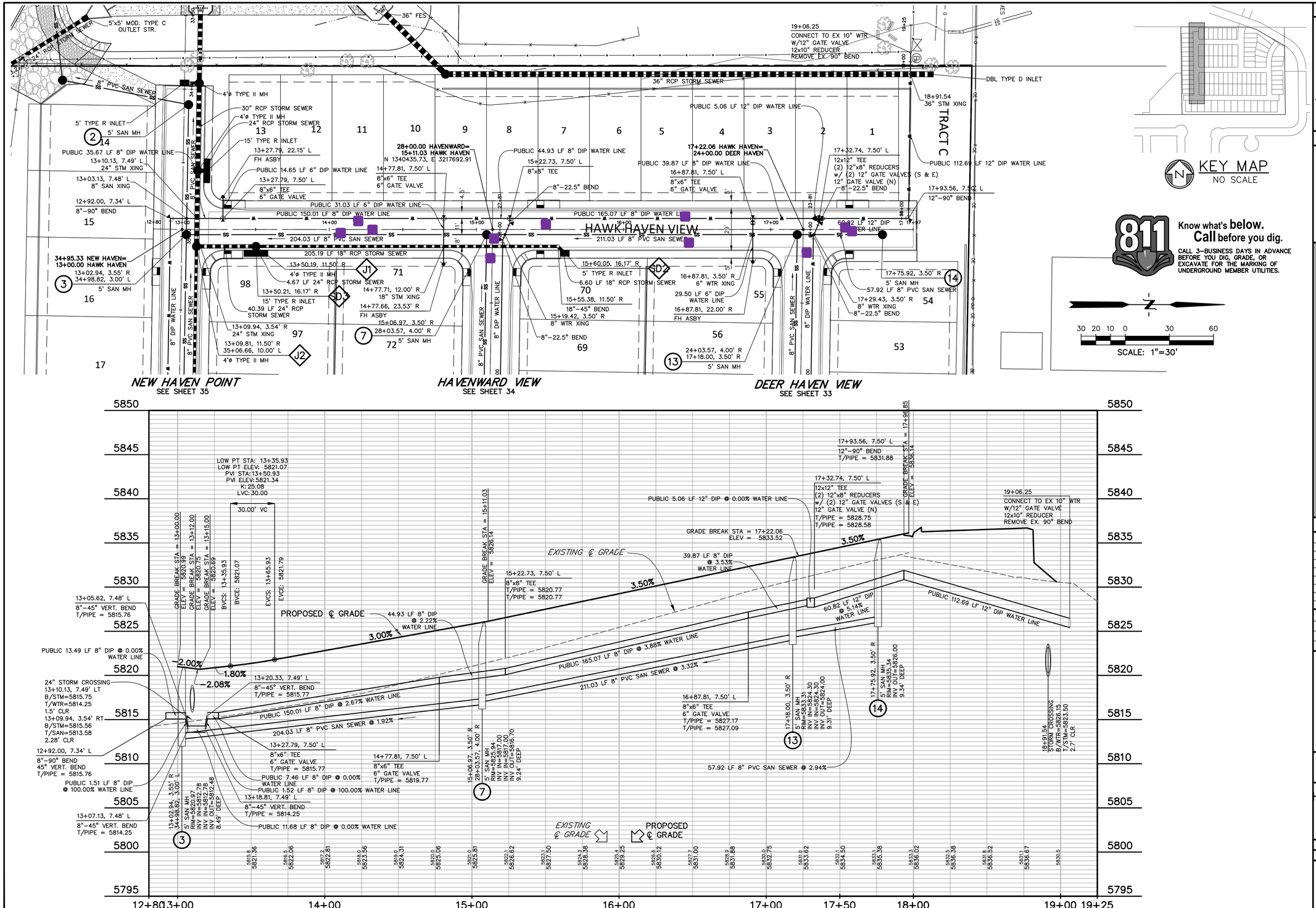
NEW HAVEN PT WATER & SAN. PLAN & PROFILE

PROJECT NO. 21085-03CSCV

DRAWING NO.

UT03

SHEET: 35 OF 52



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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT04

COLORADO REGISTERED P.E. 35707 7/29/24 PROFESSIONAL ENGINEER

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

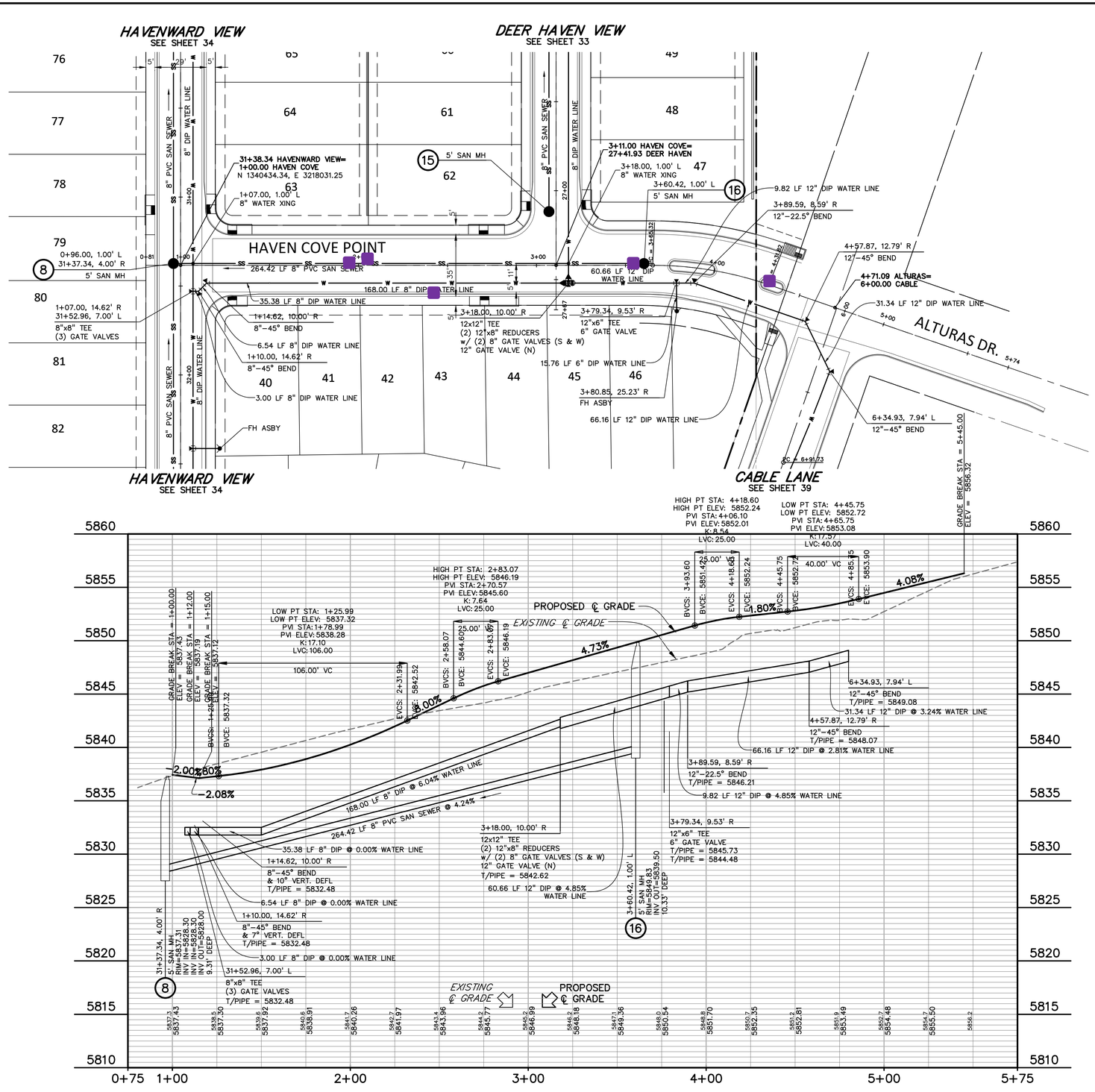
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

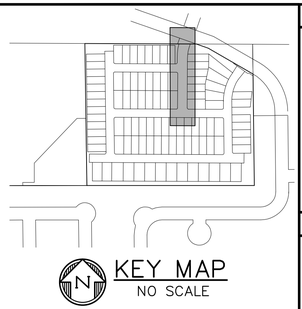
HAWK HAVEN VIEW
WATER & SAN.
PLAN & PROFILE

PROJECT NO. 21085-03CSCV

DRAWING NO.

UT04





KEY MAP
NO SCALE

30 20 10 0 30 60
SCALE: 1"=30'

Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD./ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

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CHECKED BY:	TDM
FILE NAME:	21085-03UT05

COLORADO REGISTERED PROFESSIONAL ENGINEER 52757 7/29/24

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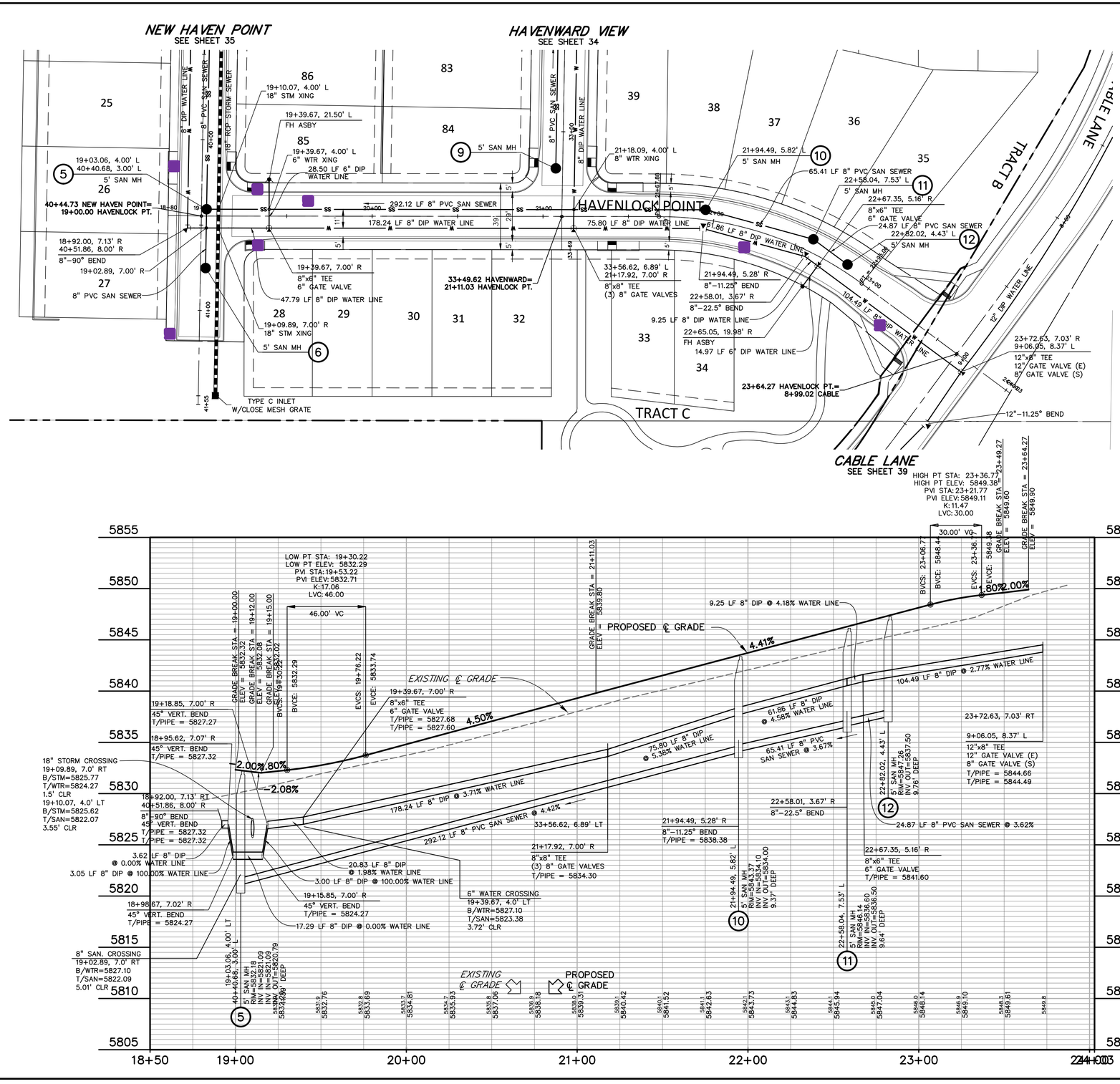
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

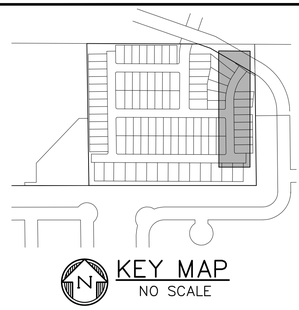
WTR & SAN
HAVEN COVE PT
PLAN & PROFILE

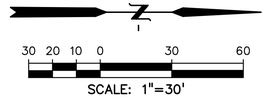
PROJECT NO. 21085-03CSCV

DRAWING NO.

UT05







Know what's **below.**
Call before you dig.

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PREPARED BY:

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MIDCO INVESTMENTS, LLC

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(719) 475-7474

CONSTRUCTION DOCUMENTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT06



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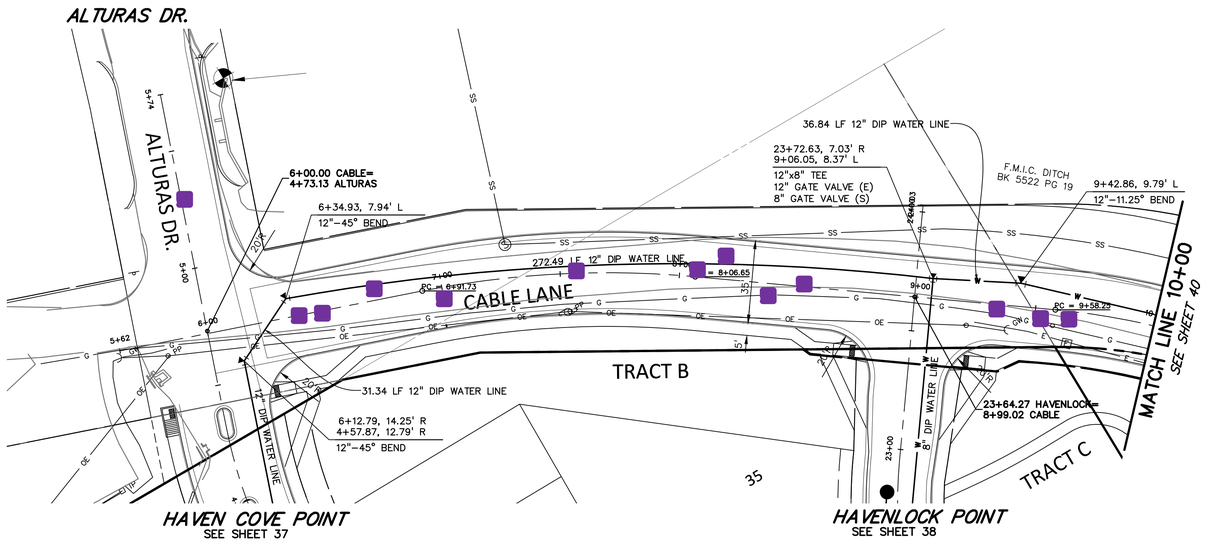
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

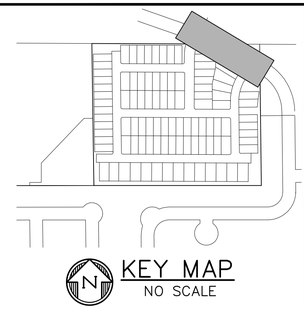
WTR & SAN
HAVENLOCK PT
PLAN & PROFILE

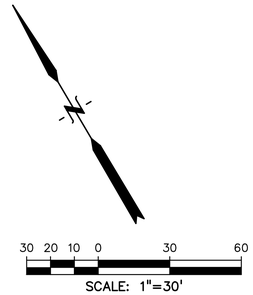
PROJECT NO. 21085-03CSCV

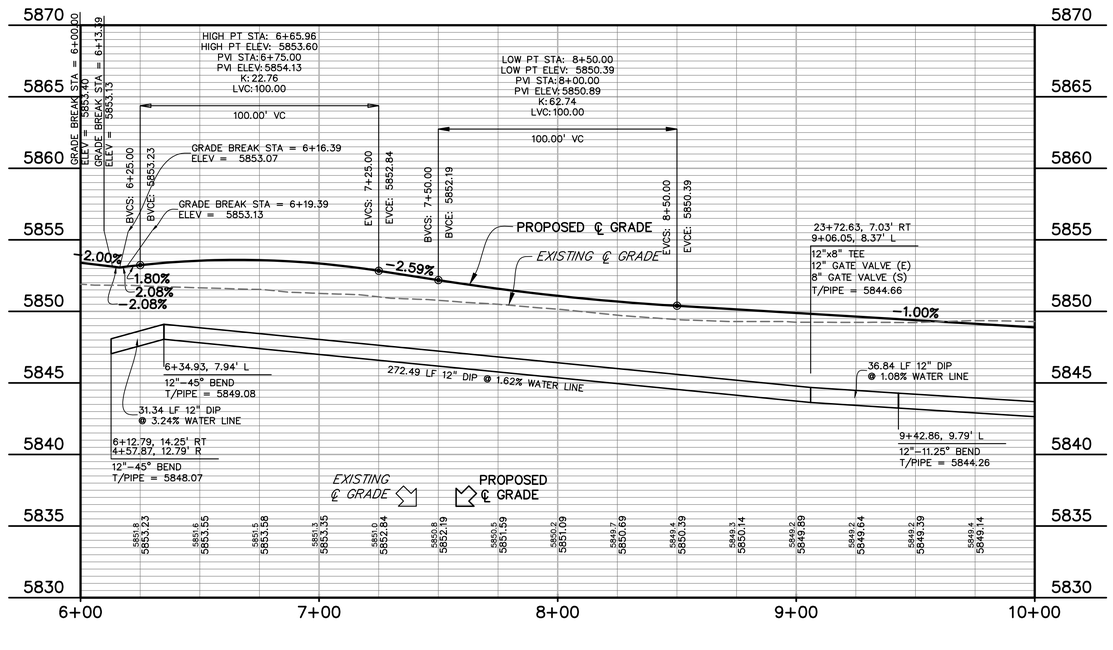
DRAWING NO.

UT06









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Call before you dig.

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
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COLORADO SPRINGS • LAFAYETTE

CLIENT:

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P.O. BOX 60069
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CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD./ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT07

COLORADO REGISTERED PROFESSIONAL ENGINEER 38767 7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

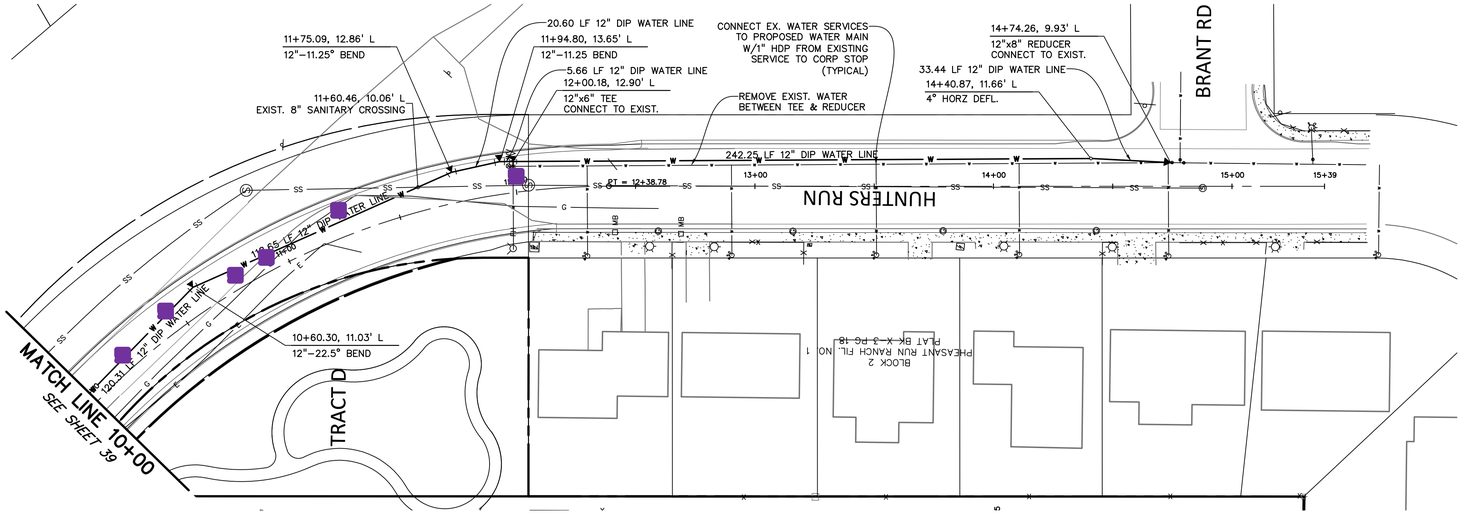
WATER
CABLE LANE
PLAN & PROFILE

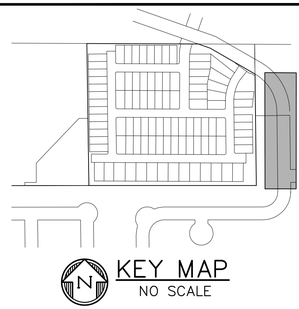
PROJECT NO. 21085-03CSCV

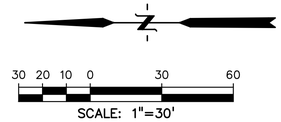
DRAWING NO.

UT07

SHEET: 39 OF 52

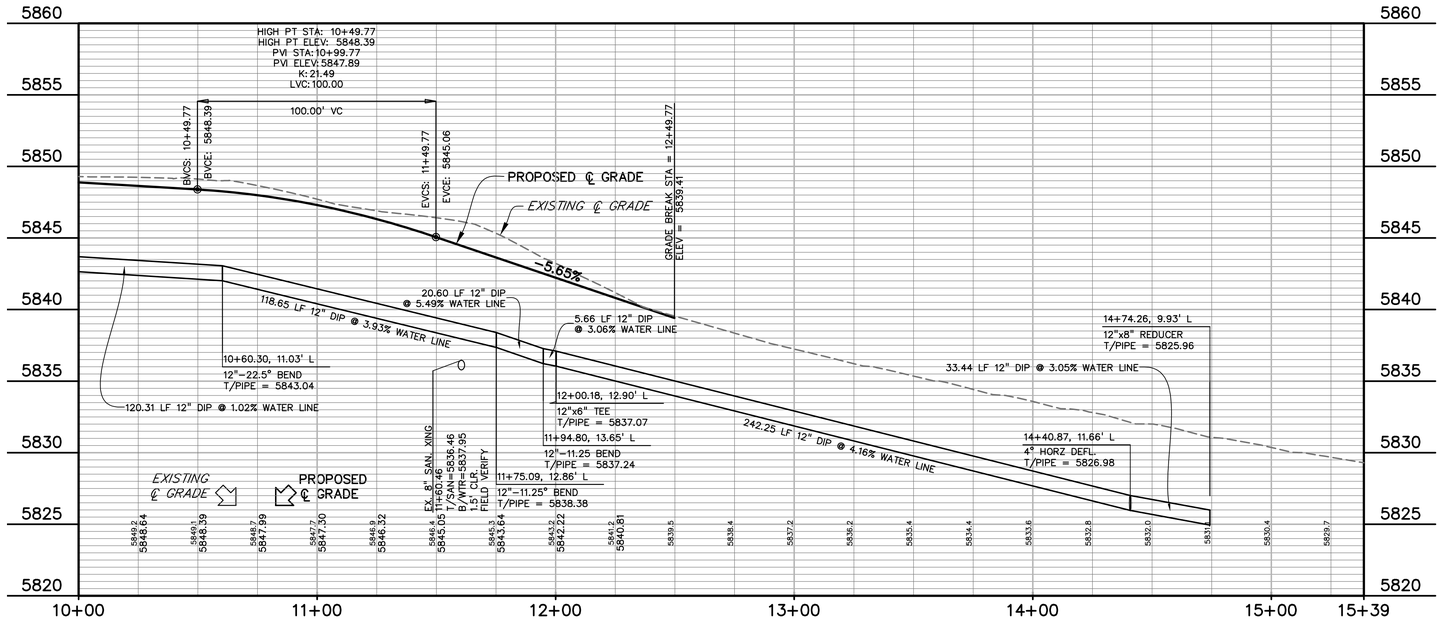






811 Know what's **below.** **Call** before you dig.

CALL 3–BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

MIDCO INVESTMENTS, LLC

P.O. BOX 60069
COLORADO SPRINGS, CO 80960
CONTACT: ROBERT C. IRWIN
(719) 475–7474

CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085–03UT07

COLORADO REGISTERED PROFESSIONAL ENGINEER
32767
7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

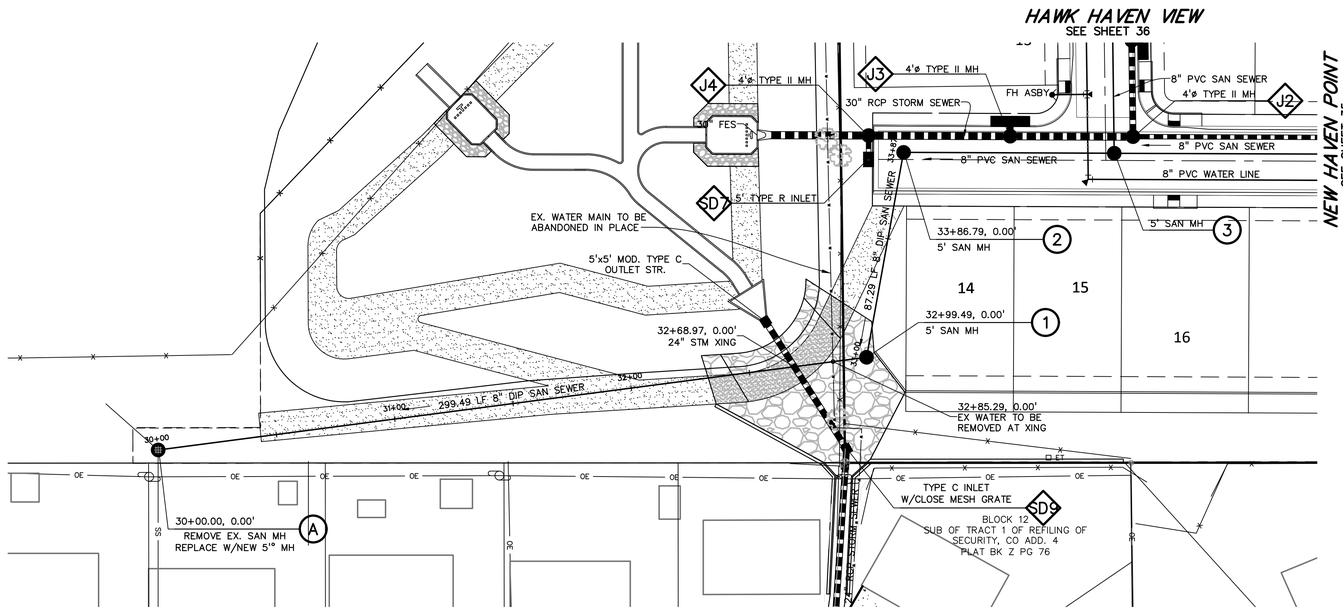
WATER
CABLE LANE
PLAN & PROFILE

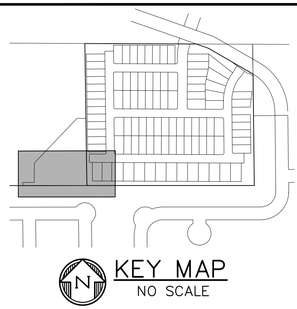
PROJECT NO. 21085–03CSCV

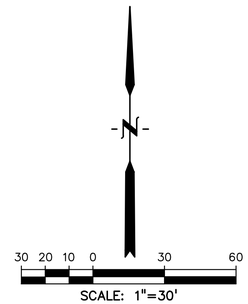
DRAWING NO.

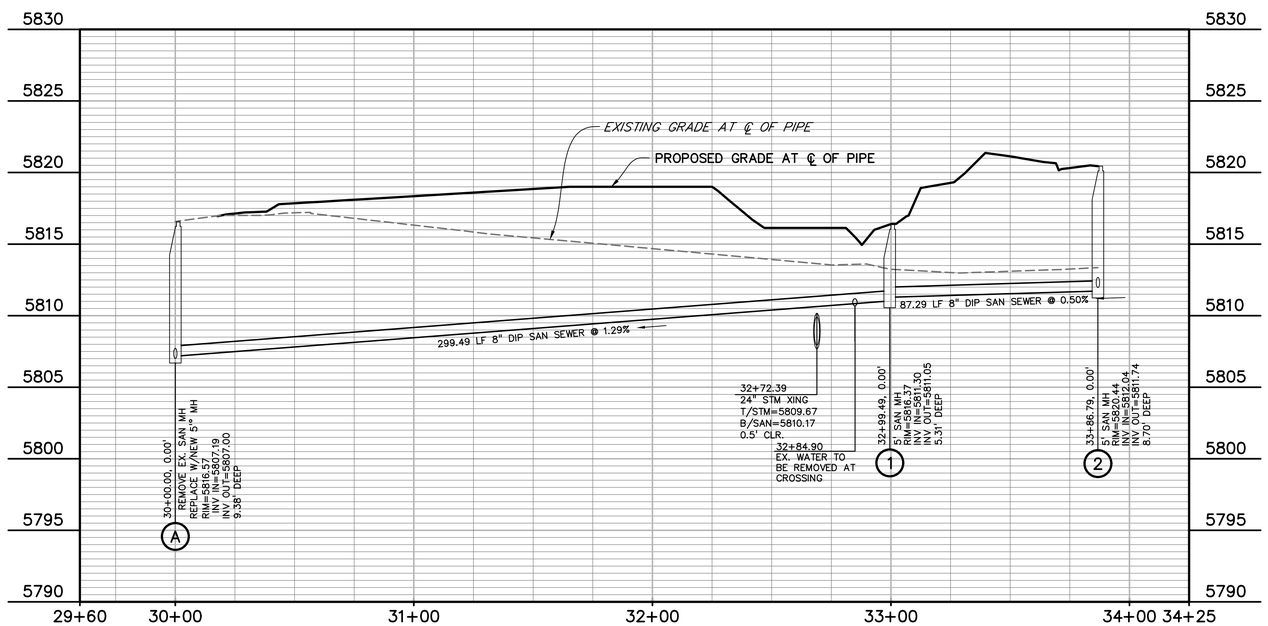
UT08

SHEET: 40 OF 52









811 Know what's **below.** **Call** before you dig.

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

MIDCO INVESTMENTS, LLC

P.O. BOX 60069
COLORADO SPRINGS, CO 80960
CONTACT: ROBERT C. IRWIN
(719) 475-7474

CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SS01

COLORADO REGISTERED PROFESSIONAL ENGINEER 32757 7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

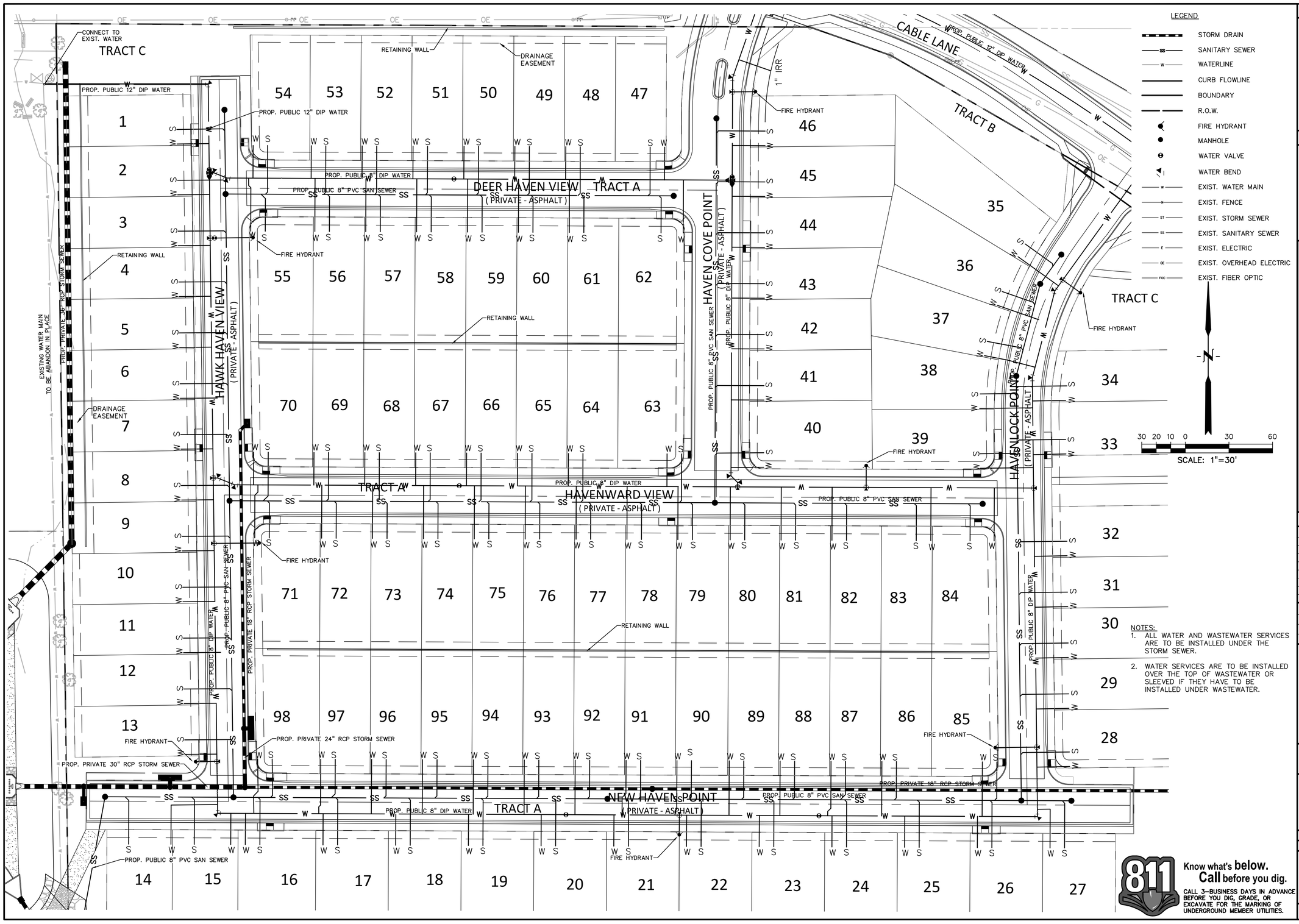
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

OFFSITE
SANITARY
PLAN & PROFILE

PROJECT NO. 21085-03CSCV

DRAWING NO.

SS01



LEGEND

- STORM DRAIN
- SANITARY SEWER
- WATERLINE
- CURB FLOWLINE
- BOUNDARY
- R.O.W.
- FIRE HYDRANT
- MANHOLE
- WATER VALVE
- WATER BEND
- EXIST. WATER MAIN
- EXIST. FENCE
- EXIST. STORM SEWER
- EXIST. SANITARY SEWER
- EXIST. ELECTRIC
- EXIST. OVERHEAD ELECTRIC
- EXIST. FIBER OPTIC

SCALE: 1"=30'

NOTES:

1. ALL WATER AND WASTEWATER SERVICES ARE TO BE INSTALLED UNDER THE STORM SEWER.
2. WATER SERVICES ARE TO BE INSTALLED OVER THE TOP OF WASTEWATER OR SLEEVED IF THEY HAVE TO BE INSTALLED UNDER WASTEWATER.

811 Know what's **below.** **Call** before you dig.

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

MIDCO INVESTMENTS, LLC

P.O. BOX 60069
COLORADO SPRINGS, CO 80960
CONTACT: ROBERT C. IRWIN
(719) 475-7474

CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	9/6/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03US01

COLORADO REGISTERED PROFESSIONAL ENGINEER
TIM D. McCONNELL
38797
7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: N/A

UTILITY SERVICE PLAN

PROJECT NO. 21085-03CSCV

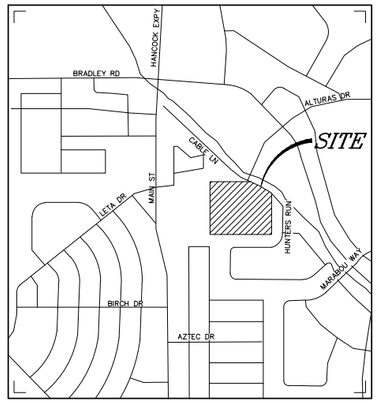
DRAWING NO.

US01

HAVEN VALLEY

EL PASO COUNTY, COLORADO

GRADING AND EROSION CONTROL DOCUMENTS



VICINITY MAP

NOT TO SCALE

SHEET INDEX

ECCV	EROSION CONTROL COVER SHEET
ECNT	NOTES
EC01	INITIAL GRADING AND EROSION CONTROL PLAN
EC02	INTERIM GEC PLAN
EC03	FINAL/VERTICAL GEC PLAN
ECDT	EROSION CONTROL DETAILS
ECDT	EROSION CONTROL DETAILS
PD01	DETENTION POND DETAILS
PD02	CONCRETE FOREBAY DETAILS
PD03	POND OUTLET STRUCTURE DEETAILS

AGENCY CONTACTS

ENGINEERING EL PASO COUNTY PLANNING & COMMUNITY DEVELOPMENT
JOSHUA PALMER, COUNTY ENGINEER
3275 AKERS DRIVE
COLORADO SPRINGS, CO 80922
(719) 520-6460

PLANNING EL PASO COUNTY PLANNING & COMMUNITY DEVELOPMENT
KARI PARSONS, PROJECT MANAGER/PLANNER II
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, CO 80910
(719) 520-6300

FIRE SECURITY FIRE PROTECTION DISTRICT
DAVID GIRARDIN, FIRE CHIEF
400 SECURITY BLVD
COLORADO SPRINGS, CO 80911
(719) 392-7121

WATER SECURITY WATER & SANITATION DISTRICT
ROY HEALD, DISTRICT MANAGER
231 SECURITY BLVD
COLORADO SPRINGS, CO 80911
(719) 392-3475

WASTEWATER SECURITY WATER & SANITATION DISTRICT
ROY HEALD, DISTRICT MANAGER
231 SECURITY BLVD
COLORADO SPRINGS, CO 80911
(719) 392-3475

ELECTRIC C.S.U. ELECTRIC DEPT. SYSTEM PLANNING
MARY HOADLAND
1521 HANCOCK EXPY.
COLORADO SPRINGS, CO 80903
(719) 668-5557

GAS COLORADO SPRINGS UTILITIES
TODD STURTEVANT
1521 HANCOCK EXPRESSWAY
COLORADO SPRINGS, CO 80947
(719) 668-3556

TELEPHONE CENTURY LINK
PATTY MOORE
(719) 636-6096
(LOCATORS) (719) 597-8418
AT&T
(LOCATORS) (719) 635-3674

CABLE COMCAST
RICKEY NELSON
213 N. UNION BLVD
COLORADO SPRINGS, CO 80909
RICKEY_NELSON@CABLE.COMCAST.COM

ESTIMATED COST OF TEMPORARY + PERMANENT BMPs INCLUDING INSTALLATION AND MAINTENANCE UNTIL FINAL STABILIZATION (FINAL + INTERIM STAGE)

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
Earthwork							
less than 1,000; $5,300 min		CY	$ 8.00	=	$ -		$ -
1,000-5,000; $8,000 min		CY	$ 6.00	=	$ -		$ -
5,001-20,000; $30,000 min		CY	$ 5.00	=	$ -		$ -
20,001-50,000; $100,000 min		CY	$ 3.50	=	$ -		$ -
50,001-200,000; $175,000 min	57680	CY	$ 2.50	=	$ 175,000.00		$ 175,000.00
greater than 200,000; $500,000 min		CY	$ 2.00	=	$		$
Permanent Erosion Control Blanket	1978	SY	$ 9.00	=	$ 17,802.00		$ 17,802.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulchir	10.5	AC	$ 2,018.00	=	$ 21,189.00		$ 21,189.00
Permanent Pond/BMP (provide engineers estimate)	1	EA	$250,000.00	=	$ 250,000.00		$ 250,000.00
Concrete Washout Basin	1	EA	$ 1,172.00	=	$ 1,172.00		$ 1,172.00
Inlet Protection	9	EA	$ 217.00	=	$ 1,953.00		$ 1,953.00
Rock Check Dam	21	EA	$ 651.00	=	$ 13,671.00		$ 13,671.00
Safety Fence		LF	$ 3.00	=	$ -		$ -
Sediment Basin	1	EA	$ 2,294.00	=	$ 2,294.00		$ 2,294.00
Sediment Trap		EA	$ 538.00	=	$ -		$ -
Silt Fence	615	LF	$ 3.00	=	$ 1,845.00		$ 1,845.00
Slope Drain		LF	$ 43.00		$ -		$ -
Straw Bale		EA	$ 33.00	=	$ -		$ -
Straw Wattle/Rock Sock	36	LF	$ 8.00	=	$ 288.00		$ 288.00
Surface Roughening		AC	$ 269.00		$ -		$ -
Temporary Erosion Control Blanket		SY	$ 3.00	=	$ -		$ -
Temporary Seeding and Mulching		AC	$ 1,793.00	=	$ -		$ -
Vehicle Tracking Control	1	EA	$ 3,085.00	=	$ 3,085.00		$ 3,085.00
				=	$ -		$ -
[insert items not listed but part of construction plans]				=	$ -		$ -
MAINTENANCE (35% of Construction BMPs)				=	$ 8,097.60		$ 8,097.60
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)			**Section 1 Subtotal**	**=**	**$ 496,396.60**		**$ 496,396.60**

STRUCTURAL FILL

DURING EARTHWORK BALANCING ACROSS THE SITE, AREAS TO RECEIVE STRUCTURAL FILL SHOULD HAVE TOPSOIL, ORGANIC MATERIAL, OR DEBRIS REMOVED. LOOSE, WET SOILS, ESPECIALLY THOSE FROM NOTED DRAINAGE AREAS, SHOULD BE EXCAVATED TO DRY SOLID MATERIAL, STOCKPILED AND EVALUATED FOR SUITABILITY OF RE-USE AS STRUCTURAL FILL. IF SOIL IS FOUND TO BE UNSUITABLE AS STRUCTURAL FILL, IT MAY STILL BE SUITABLE AS BACKFILL IN NON-STRUCTURAL APPLICATIONS.

STRUCTURAL FILL COMPOSED OF ON-SITE SOILS SHOULD CONSIST OF GRANULAR, NIL TO LOW-EXPANSIVE MATERIAL. IF CLAYSTONE IS ELECTED TO BE RE-USED IT SHOULD BE THOROUGHLY PROCESSED, MOISTURE CONDITIONED AND BLENDED WITH SAND SOIL. FILL SHOULD BE SPREAD ACROSS THE SITE AND PLACED IN EVEN LOOSE LIFTS NOT EXCEEDING 10-INCHES, MOISTURE CONDITIONED TO FACILITATE COMPACTION (USUALLY WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT), AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROTOR TEST, ASTM D-698. THE MATERIALS SHOULD BE SPREAD AND COMPACTED BY MECHANICAL MEANS.

STRUCTURAL FILL PLACED ON SLOPES SHOULD BE BENCHED INTO THE SLOPE. MAXIMUM BENCH HEIGHTS SHOULD NOT EXCEED 4 FEET, AND BENCH WIDTHS SHOULD BE WIDE ENOUGH TO ACCOMMODATE COMPACTION EQUIPMENT. MATERIALS USED FOR STRUCTURAL FILL SHOULD BE APPROVED BY RMG PRIOR TO USE. STRUCTURAL FILL SHOULD NOT BE PLACED ON FROZEN SUBGRADE OR ALLOWED TO FREEZE DURING MOISTURE CONDITIONING AND PLACEMENT.

BENCHMARK

CHISELED "X" IN WING WALL ELEVATION 5859.54 (FIMS DATUM), NORTH EAST CORNER OF FMIC SUPERDITCH AND ALTURAS DR.

LEGAL DESCRIPTION

THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 12, TOWNSHIP 15 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO.

FLOODPLAIN STATEMENT

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) PANEL #08041C0763G (DECEMBER 7, 2018) THE PROJECT SITE IS NOT WITHIN A DESIGNATED 100-YR FLOODPLAIN.

TIMING

ANTICIPATED STARTING AND COMPLETION TIME PERIOD OF SITE GRADING: FALL/WINTER 2023-SPRING/SUMMER 2024

AREAS

TOTAL AREA OF THE SITE TO BE CLEARED, EXCAVATED OR GRADED: APPROXIMATELY 13.6 ACRES

RECEIVING WATERS

FOUNTAIN CREEK

SOILS

HYDROLOGIC TYPE A: BLAKELAND LOAMY SAND

VEGETATION

EXISTING SITE IS UNDEVELOPED AND COVERED WITH NATIVE GRASSES

DESIGN ENGINEER'S STATEMENT

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

7/29/24

TIM D. MCCONNELL — DATE
P.E.# 33797

OWNER'S STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN

7/29/24

ROBERT C. IRWIN — DATE
OWNER

EL PASO COUNTY

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/ OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/ OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

Gilbert LaForce, P.E. — Digitally signed by Gilbert LaForce, P.E. Reason: Authorized signatory as County Engineer designee Date: 2024.09.26 13:16:20-06'00' — 9/26/2024

JOSHUA PALMER, P.E. — DATE
COUNTY ENGINEER

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

MIDCO INVESTMENTS, LLC

P.O. BOX 60069
COLORADO SPRINGS, CO 80960
CONTACT: ROBERT C. IRWIN
(719) 475-7474

CONSTRUCTION DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	7/29/24

DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21085-03ECCV

COLORADO REGISTERED PROFESSIONAL ENGINEER — 37777 — 7/29/24

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

EROSION CONTROL COVER SHEET

PROJECT NO. 21085-03CSCV

DRAWING NO.

ECCV

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250310-A-JXS

Testing Date: 03/10/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Offsite 8” San Sewer South of pond STA 31+50					A - Existing ground surface @ time of test				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main trench backfill on the Offsite 8” sewer main. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250319-A-JDW

Testing Date: 03/19/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/19/2025	2	ASTM D-698	CL-Clay (Low Plasticity)	104.4	95	19.0	4 / 1		100.9	97	20.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point, STA 34+95					F - Finished ground surface				2.0			
2	03/19/2025	2	ASTM D-698	CL-Clay (Low Plasticity)	104.4	95	19.0	4 / 1		99.2	95	21.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point, Lot 15					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral backfill along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250319-B-JDW

Testing Date: 03/19/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/19/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		121.8	96	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View, Lot 13					F - Finished ground surface				0.0			
2	03/19/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.9	95	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View, Lot 12					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer lateral backfill along Hawk Haven View. Conmpaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250320-A-JDD

Testing Date: 03/20/25

Field Technician Jared Dirkes

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		112.8	97	13.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View STA 13+50					F - Finished ground surface				2.0			
2	03/20/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		113.2	97	13.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View STA 15+00					F - Finished ground surface				2.0			
3	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.7	98	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View Lot 12					A - Existing ground surface @ time of test				0.0			
4	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View Lot 10					A - Existing ground surface @ time of test				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for sewer laterals and sewer main off Hawk Haven View in the vicinity of Cable Ln . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250320-B-JDD

Testing Date: 03/20/25

Field Technician Jared Dirkes

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.3	98	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 6+51					F - Finished ground surface				4.0			
2	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.8	97	16.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 6+00					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole covers on SW corner of lot in the vicinity of Cable Ln. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250321-A-JDD

Testing Date: 03/21/25

Field Technician Jared Dirkes

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.1	97	17.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View, STA 15+50					F - Finished ground surface				0.0			
2	03/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.0	96	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View, STA 16+00					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main in the vicinity of Cable Lane. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250321-B-JDD

Testing Date: 03/21/25

Field Technician Jared Dirkes

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		104.1	96	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View, STA 15+00					F - Finished ground surface				3.0			
2	03/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.2	97	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View, Lot 8					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral in the vicinity of Cable Lane. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250324-A-JGL

Testing Date: 03/24/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/24/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		113.4	97	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View, STA 16+70					F - Finished ground surface				4.0			
2	03/24/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		110.5	95	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View, STA 16+20					F - Finished ground surface				2.0			
3	03/24/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		110.4	95	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawk Haven View, Lot 6					F - Finished ground surface				2.0			
4	03/24/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		111.1	95	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View, MH 13					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main, laterals and manholes in the vicinity of Hawk Haven View. Compaction testing results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250325-A-APA

Testing Date: 03/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.2	95	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven Vew STA 17+75, 2' W MH#14					D - Top of pipe				2.0			
2	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.3	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven Vew STA 17+75, 2' E of MH#14					D - Top of pipe				4.0			
3	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 1, 20' left of cl					F - Finished ground surface				- 4.0			
4	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.0	96	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Lot 2, 20' left of cl					F - Finished ground surface				- 6.0			
5	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.2	97	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawk Haven View STA 17+50, 3' right of cl					D - Top of pipe				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole, sewer main and sewer laterals backfill along Hawk Haven View. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250325-B-APA

Testing Date: 03/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 14+80, 75' west of cl behind Lot 9					F - Finished ground surface				- 1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole for storm sewer behind Lot 9, Hawk Haven View. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250326-A-APA

Testing Date: 03/26/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	13.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 54 Dear Haven View STA 24+45 20' left of cl					D - Top of pipe				4.0			
2	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.4	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 53 Dear Haven View STA 24+75 20' left of cl					D - Top of pipe				4.0			
3	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 52 Dear Haven View STA 25+15 20' left of cl					D - Top of pipe				4.0			
4	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 51 Dear Haven View STA 25+50 20' left of cl					D - Top of pipe				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals in the vicinity of Dear Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250326-B-APA

Testing Date: 03/26/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.2	97	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 24+25 10’ left of cl					D - Top of pipe				2.0			
2	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	13.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 24+50 10’ left of cl					D - Top of pipe				4.0			
3	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.3	96	13.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 55 Deer Haven View STA 24+40 20’ right of cl					D - Top of pipe				4.0			
4	03/26/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 56 Deer Haven View STA 24+60 20’ right of cl					D - Top of pipe				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer laterals in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250327-A-APA

Testing Date: 03/27/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.4	96	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 58 Deer Haven View					D - Top of pipe				6.0			
2	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.9	95	13.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 59 Deer Haven View					D - Top of pipe				6.0			
3	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.3	95	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 50 Deer Haven View					D - Top of pipe				6.0			
4	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 25+80 8’ left of cl					D - Top of pipe				6.0			
5	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 26+00					D - Top of pipe				2.0			
6	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 50 Deer Haven View					D - Top of pipe				8.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250327-A-APA

Testing Date: 03/27/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.0	97	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 59 Deer Haven View					D - Top of pipe				8.0			

Inspection Comments:

During the requested site visit, RMG performed compacion testing on sewer main and sewer laterals in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250327-A-JGL

Testing Date: 03/27/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.8	95	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 56					F - Finished ground surface				2.0			
2	03/27/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.6	95	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 53					F - Finished ground surface				2.0			
3	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.1	95	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 49					F - Finished ground surface				6.0			
4	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.0	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 60					F - Finished ground surface				6.0			
5	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 24.50					F - Finished ground surface				2.0			
6	03/27/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 26.25					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral in the vicinty of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250328-A-JXS

Testing Date: 03/28/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	14.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 26+50					F - Finished ground surface				1.5			
2	03/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	14.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 26+75					F - Finished ground surface				3.5			
3	03/28/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		119.9	95	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 47					F - Finished ground surface				3.5			
4	03/28/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.3	98	15.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 62					F - Finished ground surface				4.0			
5	03/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	14.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 61					F - Finished ground surface				1.5			
6	03/28/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	13.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Deer Haven View Lot 48					F - Finished ground surface				1.5			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral trench backfill in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250328-B-JXS

Testing Date: 03/28/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/28/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		102.1	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 26+80					E - Foundation / footing grade				4.0			
2	03/28/2025	6	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	104.4	95	19.0	2 / -2		100.8	97	19.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View Lot 70					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral trench backfill in the vicinity of Deerhaven View and Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250329-A-JDW

Testing Date: 03/29/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		103.5	95	19.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawkward View STA 28+50					F - Finished ground surface				4.0			
2	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		103.2	95	18.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 68					F - Finished ground surface				4.0			
3	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		104.5	96	17.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 69					F - Finished ground surface				4.0			
4	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		103.9	95	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 70					F - Finished ground surface				4.0			
5	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		104.1	96	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 56					F - Finished ground surface				4.0			
6	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		103.4	95	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 57					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals and sewer main backfill in the vicinity of Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250329-B-JDW

Testing Date: 03/29/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.2	97	19.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Hawkward View STA 28+50					F - Finished ground surface				0.0			
2	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.7	97	19.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 68					F - Finished ground surface				0.0			
3	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.1	97	18.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 56					F - Finished ground surface				0.0			
4	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		104.2	96	18.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 57					F - Finished ground surface				0.0			
5	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.6	97	19.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 69					F - Finished ground surface				2.0			
6	03/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.0	97	19.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Hawkward View Lot 70					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer laterals backfill in the vicinity of Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250331-A-APA

Testing Date: 03/31/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.4	99	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 67 Havenward View st 20’ left of cl					F - Finished ground surface				- 4.0			
2	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.7	98	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 71 Havenward View 20’ right of cl					F - Finished ground surface				0.0			
3	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.6	99	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 72 Havenward View 20’ right of cl					F - Finished ground surface				- 2.0			
4	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.0	98	16.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 73 Havenward View 20’ right of cl					F - Finished ground surface				- 4.0			
5	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.2	98	16.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 74 Havenward View 20’ right of cl					F - Finished ground surface				- 4.0			
6	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.0	99	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 29+50 8’ left of cl					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer laterals in the vicinity of Havenward View St . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250331-B-APA

Testing Date: 03/31/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.2	99	16.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 66 Havenward View 20’ left of cl					F - Finished ground surface				- 6.0			
2	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.8	99	16.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 75 Havenward View 20’ right of cl					F - Finished ground surface				- 6.0			
3	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.9	99	16.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 29+75 8’ left of cl					F - Finished ground surface				- 6.0			
4	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.6	100	16.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 47 Deer Haven View 20’ left of cl					F - Finished ground surface				0.0			
5	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.8	99	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 48 Deer Haven View 20’ left of cl					F - Finished ground surface				0.0			
6	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.5	100	16.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 49 Deer Haven View 20’ left of cl					F - Finished ground surface				0.0			
7	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.3	99	16.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 62 Deer Haven View 20’ right of cl					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250331-B-APA

Testing Date: 03/31/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.8	100	16.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 61 Deer Haven View 20’ right of cl					F - Finished ground surface				0.0			
9	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.6	99	15.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 60 Deer Haven View 20’ right of cl					F - Finished ground surface				0.0			
10	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.2	99	15.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Deer Haven View STA 26+90 10’ left of cl					F - Finished ground surface				0.0			
11	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.9	98	16.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 65 Havenward View 20’ left of cl					F - Finished ground surface				- 4.0			
12	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.3	99	15.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 76 Havenward View 20’ right of cl					F - Finished ground surface				- 4.0			
13	03/31/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.7	98	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 30+25 10’ left of cl					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer laterals in the vicinity of Havenward View St and Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250401-A-JGL

Testing Date: 04/01/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View Lot 64					F - Finished ground surface				4.0			
2	04/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View Lot 77					F - Finished ground surface				4.0			
3	04/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 30+50					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer lateral in the vicinity of Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250402-A-APA

Testing Date: 04/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.3	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 78 Havenward View 20' right of cl					F - Finished ground surface				- 6.0			
2	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.4	95	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 63 Havenward View 20' left of cl					F - Finished ground surface				- 6.0			
3	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 31+00 8' left of cl					F - Finished ground surface				- 6.0			
4	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot#79 Havenward View 20' right of cl					F - Finished ground surface				- 6.0			
5	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Manhole #8 Havenward View STA 31+38 2'W of manhole					D - Top of pipe				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals , sewer main and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250402-B-APA

Testing Date: 04/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Manhole #8 Havenward View STA 31+38 2'E of mh					D - Top of pipe				4.0			
2	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 80 Havenward View 20' right of cl					F - Finished ground surface				- 4.0			
3	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.6	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 40 Haven Cove point 20' right of cl					F - Finished ground surface				- 6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250403-A-APA

Testing Date: 04/03/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 41 Haven Cove Point 20' right of cl					F - Finished ground surface				- 4.0			
2	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 42 Haven Cove Point 20' right of cl					F - Finished ground surface				- 4.0			
3	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 43 Haven Cove Point 20' right of cl					F - Finished ground surface				- 4.0			
4	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 44 Haven Cove Point 20' right of cl					F - Finished ground surface				- 4.0			
5	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Haven Cove Point STA 2+00 @ cl					F - Finished ground surface				- 6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main and sewer laterals in the vicinity of Haven Cove Point. Compaction results are presented in the attached reprot. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250403-B-APA

Testing Date: 04/03/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Haven Cove Point STA 2+90 @ cl					F - Finished ground surface				- 2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250404-A-APA

Testing Date: 04/04/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/04/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 45 Haven Cove Point 20' right of cl					F - Finished ground surface				- 2.0			
2	04/04/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 46 Haven Cove Point 20' right of cl					F - Finished ground surface				- 6.0			
3	04/04/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Haven Cove Point STA 3+20 @ cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals and sewer main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250407-B-APA

Testing Date: 04/07/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'W of mh					F - Finished ground surface				- 6.0			
2	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of mh					F - Finished ground surface				- 6.0			
3	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.7	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'W of mh					F - Finished ground surface				- 4.0			
4	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of mh					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole #16 in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-A-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of manhole #16					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #16 in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-B-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'S of mh					F - Finished ground surface				0.0			
5	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Deer Haven View STA 27+20 2'E of manhole #15					F - Finished ground surface				2.0			
6	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Deer Haven View STA 27+20 2'W of manhole #15					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manholes 15&16 and water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250422-A-APA

Testing Date: 04/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'W of mh					F - Finished ground surface				2.0			
2	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'E of mh					F - Finished ground surface				2.0			
3	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'W of mh					F - Finished ground surface				0.0			
4	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'E of mh					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole in the vicinity of Haven Hawk View and water main in the vicinity of Hunters Run . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250422-C-APA

Testing Date: 04/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 @ mh#14 1'W of mh					F - Finished ground surface				4.0			
2	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 @ mh#14 1'E of mh					F - Finished ground surface				4.0			
3	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'W of mh					F - Finished ground surface				4.0			
4	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'E of mh					F - Finished ground surface				4.0			
5	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'W of mh					F - Finished ground surface				2.0			
6	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'E of mh					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manholes in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250423-A-APA

Testing Date: 04/23/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 1'N of mh#14					F - Finished ground surface				0.0			
3	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 1'S of mh#14					F - Finished ground surface				0.0			
4	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 1'N of mh#13					F - Finished ground surface				0.0			
5	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 1'S of mh#13					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manholes in the vicinity of Hawk Haven View . Compaction results are presented in a attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250424-B-APA

Testing Date: 04/24/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
3	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'E of mh#8					F - Finished ground surface				2.0			
4	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'W of mh#8					F - Finished ground surface				2.0			
5	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'N of mh#8					F - Finished ground surface				0.0			
6	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 31+37 1'S of mh#8					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250425-C-APA

Testing Date: 04/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
4	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.5	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 34+10 1'E of manhole 2					F - Finished ground surface				2.0			
5	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.2	98	18.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 34+10 1'W of manhole 2					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain and manhole in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250521-B-APA

Testing Date: 05/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
4	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		108.2	99	17.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 1 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
6	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.4	99	16.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 2 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
8	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	17.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 3 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
10	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.6	97	18.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 4 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
12	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 5 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
14	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		108.5	100	18.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 6 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
16	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.8	97	17.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 7 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250521-B-APA

Testing Date: 05/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
18	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		108.6	100	16.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 8 Hawk Haven View 20’ left of cl					F - Finished ground surface				2.0			
19	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.7	98	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 9 Hawk Haven View 20’ left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Havenward View. Technician also performed compaction testing on water laterals and sewer laterals in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260312-A-JXS

Testing Date: 03/12/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/12/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.6	96	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 7+00					F - Finished ground surface				5.0			
2	03/12/2026	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.5	97	17.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 7+55					F - Finished ground surface				5.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main trench backfill. Density results are presented in the attached report. Contractor was notified. This is our first visit for compaction testing for this new phase. I was advised they will be bringing in a water truck either the next day or next week to aid in compaction.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260313-A-JAG

Testing Date: 03/13/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/13/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.8	99	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 93					F - Finished ground surface				5.0			
2	03/13/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		103.8	95	16.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 8+00					F - Finished ground surface				4.0			
3	03/13/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.5	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 7+75					F - Finished ground surface				2.0			
4	03/13/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		105.4	97	15.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 7+50					F - Finished ground surface				0.0			
5	03/13/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.1	98	14.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 20					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for sewer main and sewer lateral trench along New Haven Point. Conmpaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260317-A-JXS

Testing Date: 03/17/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/17/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 37+56 MH#4					F - Finished ground surface				6.0			
2	03/17/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		103.8	95	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 37+40					F - Finished ground surface				6.0			
3	03/17/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		105.7	97	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot #92					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on manhole, sewer main and sewer lateral trench backfill. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260317-B-JXS

Testing Date: 03/17/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/17/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.7	96	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 36+75					F - Finished ground surface				0.0			
2	03/17/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 35+50					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main trench backfill. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260318-A-JGL

Testing Date: 03/18/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.1	95	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 89					C - Pavement/Slab Elevation				- 4.0			
2	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 23					C - Pavement/Slab Elevation				- 6.0			

Inspection Comments:

During the requested site visit, RMG performed densities on sewer laterals along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260318-B-JGL

Testing Date: 03/18/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.6	96	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 21					C - Pavement/Slab Elevation				- 6.0			
2	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 22					C - Pavement/Slab Elevation				- 4.0			
3	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.1	95	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 91					C - Pavement/Slab Elevation				- 4.0			
4	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 90					C - Pavement/Slab Elevation				0.0			
5	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.7	96	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 38+60					C - Pavement/Slab Elevation				- 6.0			
6	03/18/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 38+40					C - Pavement/Slab Elevation				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed densities on sewer laterals and sewer mains along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260319-A-JGL

Testing Date: 03/19/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.6	95	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 19					C - Pavement/Slab Elevation				- 6.0			
2	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.0	95	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 94					C - Pavement/Slab Elevation				- 2.0			
3	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.3	95	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 95					C - Pavement/Slab Elevation				- 8.0			
4	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.7	95	14.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 18					C - Pavement/Slab Elevation				- 4.0			
5	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.1	96	13.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 17					C - Pavement/Slab Elevation				- 2.0			
6	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.9	95	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 16					C - Pavement/Slab Elevation				0.0			
7	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.1	96	14.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 98					C - Pavement/Slab Elevation				- 8.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260319-A-JGL

Testing Date: 03/19/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	13.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 97					C - Pavement/Slab Elevation				- 4.0			
9	03/19/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.2	96	14.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point lot 96					C - Pavement/Slab Elevation				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed densities on sewer laterals along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260319-B-JGL

Testing Date: 03/19/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			MH 4					C - Pavement/Slab Elevation				- 8.0			
2	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 39+25					C - Pavement/Slab Elevation				- 8.0			
3	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 38+80					C - Pavement/Slab Elevation				- 2.0			
4	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 38+50					C - Pavement/Slab Elevation				- 2.0			
5	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.6	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 24					C - Pavement/Slab Elevation				- 4.0			
6	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 87					C - Pavement/Slab Elevation				- 6.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260319-B-JGL

Testing Date: 03/19/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Point Lot 88					C - Pavement/Slab Elevation				- 2.0			

Inspection Comments:

During the requested site visit, RMG performed densities on manhole, sewer main and sewer laterals along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260320-A-JGL

Testing Date: 03/20/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 39+60					C - Pavement/Slab Elevation				4.0			
2	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 40+00					C - Pavement/Slab Elevation				6.0			
3	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Lot 86					C - Pavement/Slab Elevation				0.0			
4	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.3	95	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Lot 25					C - Pavement/Slab Elevation				2.0			
5	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Lot 85					C - Pavement/Slab Elevation				6.0			
6	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			New Haven Lot 26					C - Pavement/Slab Elevation				4.0			

Inspection Comments:

During the requested site visit, RMG performed densities on sewer laterals and sewer mains along New Haven Point. Compaction test results are attached this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260320-B-JGL

Testing Date: 03/20/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		109.4	92	8.4	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 5					C - Pavement/Slab Elevation				8.0			
2	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		111.3	94	10.3	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 5					C - Pavement/Slab Elevation				6.0			
3	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 6					C - Pavement/Slab Elevation				8.0			
4	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.4	95	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 6					C - Pavement/Slab Elevation				6.0			

Inspection Comments:

During the requested site visit, RMG performed densities on manholes along New Haven Point. Manhole #5 had failing test at -8' and -6'. Retest are scheduled for Monday 3/23/26. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260324-A-AJW

Testing Date: 03/24/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		110.0	93	8.0	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			MH 5 STA # 40+40 retest					F - Finished ground surface				8.0			
2	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 28					F - Finished ground surface				6.0			
3	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 29					F - Finished ground surface				6.0			
4	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 30					F - Finished ground surface				6.0			
5	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 31					F - Finished ground surface				6.0			
6	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 32					F - Finished ground surface				6.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260324-A-AJW

Testing Date: 03/24/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.3	95	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 33					F - Finished ground surface				6.0			
8	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			SS sta# 19+50 right of CL sewer main					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on manhole, sewer main, and sewer lateral trench backfill. Density testing was performed for compaction and moisture. A retest for Manhole 5 was performed but did not pass and will be re tested later in the afternoon. Compaction test results are attached to this report. Contractor on site was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260324-B-AJW

Testing Date: 03/24/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.8	95	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 28					F - Finished ground surface				0.0			
2	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 29					F - Finished ground surface				0.0			
3	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.4	95	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 30					F - Finished ground surface				2.0			
4	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 32					F - Finished ground surface				2.0			
5	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			SS sta # 19+50 right of CL sewer main					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for sewer main and sewer lateral. Manhole 5 will be re tested next visit. Density testing was performed for compaction and moisture. Compaction test results are attached to this report. Contractor on site was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260325-A-JXS

Testing Date: 03/25/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 32+25					F - Finished ground surface				0.0			
2	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 31+90					F - Finished ground surface				0.0			
3	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.6	98	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View lot #82					F - Finished ground surface				0.0			
4	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenlock Point STA 21+10					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main and sewer lateral trench backfill. Density results are presented in the attached report. Contractor was notified

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260325-B-JXS

Testing Date: 03/25/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.3	98	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 32+00					F - Finished ground surface				6.0			
2	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 32+40					F - Finished ground surface				4.0			
3	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View lot #83					F - Finished ground surface				5.0			
4	03/25/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.4	95	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View lot #82					F - Finished ground surface				2.0			
5	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 31+95					F - Finished ground surface				2.0			
6	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.5	97	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View lot #81					F - Finished ground surface				4.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260325-B-JXS

Testing Date: 03/25/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	03/25/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		122.6	97	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Haven Lock Point STA 21+00					F - Finished ground surface				4.0			
8	03/25/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Haven Lock Point STA 20+75					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main and sewer lateral trench backfill. Density results are presented in the attached report. Contractor was notified. Manhole #9 to be installed at a later date.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260327-A-JXS

Testing Date: 03/27/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/27/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21 MH#9					F - Finished ground surface				7.0			
2	03/27/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenward View STA 33+27					F - Finished ground surface				7.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main and manhole trench backfill. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260330-A-JAG

Testing Date: 03/30/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+23 MH 9					F - Finished ground surface				0.0			
2	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Lot 84					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for a sewer lateral and manhole. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260330-B-JAG

Testing Date: 03/30/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21 MH 9					F - Finished ground surface				1.0			
2	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenward View Lot 86					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for a sewer lateral for Lot 84 and Manhole 9. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260331-A-JAG

Testing Date: 03/31/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				4.0			
2	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.1	98	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenlock Point STA 22+25					F - Finished ground surface				4.0			
3	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.3	95	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 34					F - Finished ground surface				4.0			
4	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.0	98	9.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 37					F - Finished ground surface				4.0			
5	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 38					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on Manhole 10, sewer main, and sewer laterals along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260331-B-JAG

Testing Date: 03/31/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				1.0			
2	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenlock Point STA 22+25					F - Finished ground surface				0.0			
3	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.7	99	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 34					F - Finished ground surface				0.0			
4	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 37					F - Finished ground surface				0.0			
5	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.4	100	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 38					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed final density testing on Manhole 10, sewer main, and laterals along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260401-A-JAG

Testing Date: 04/01/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/01/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for SSMH. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260406-A-JAG

Testing Date: 04/06/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.8	95	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94.49 MH 10					F - Finished ground surface				6.0			
2	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.0	98	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94.49 MH 10					F - Finished ground surface				2.0			
3	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenlock Point STA 22+25					F - Finished ground surface				6.0			
4	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			Havenlock Point STA 22+25					F - Finished ground surface				2.0			
5	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				8.0			
6	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.7	95	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				6.0			
7	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.3	98	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				4.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260406-A-JAG

Testing Date: 04/06/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.6	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				2.0			
9	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				0.0			
10	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.8	95	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				7.0			
11	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				5.0			
12	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				3.0			
13	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.7	99	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed pothole density testing for missed tests at Manholes 5, 9, and 10 along with a sewer main missed station along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-A-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
3	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				6.0			
4	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				4.0			
5	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				2.0			
6	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for fire hydrant, storm drain, and manhole. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-B-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
4	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.7	95	14.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				6.0			
5	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				4.0			
6	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				2.0			
7	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.1	99	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				0.0			
8	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.0	95	14.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 35					F - Finished ground surface				6.0			
9	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.3	95	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 39					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-B-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
10	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.2	98	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 36					F - Finished ground surface				2.0			
11	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.0	99	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SL - Sewer Lateral			Havenlock Point Lot 35					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for water main, manhole, and sewer lateral. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260505-A-JAG

Testing Date: 05/05/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.8	95	14.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 35+25					F - Finished ground surface				6.0			
2	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.0	96	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 35+25					F - Finished ground surface				4.0			
3	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.2	95	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 35+25					F - Finished ground surface				2.0			
4	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	14.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 35+25					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260505-A-JAG

Testing Date: 05/05/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
5	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 36+25					F - Finished ground surface				6.0			
6	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	12.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 36+25					F - Finished ground surface				4.0			
7	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 36+25					F - Finished ground surface				2.0			
8	05/05/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.6	96	12.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SM - Sewer Main			New Haven Point STA 36+25					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for sewer main repair. Jorge advised that they were repairing bellies in the sewer main. Comnpaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250303-A-JDW

Testing Date: 03/03/25

Field Technician Justin Weyant

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.3	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 3+00					F - Finished ground surface				3.0			
2	03/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 4+50					F - Finished ground surface				3.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain backfill in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250303-A-JXS

Testing Date: 03/03/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 3+00 36” RCP storm					F - Finished ground surface				0.0			
2	03/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.6	95	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 4+50 36” RCP storm					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain trench backfill in the vicinity of Hawk Haven View . Comapction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250305-A-JXS

Testing Date: 03/05/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/05/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.3	98	9.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point SW of Lot 14 24" RCP STA 26+00					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain trench backfill in the vicinity of New Haven Point. Compaction results are presented in the attached report. One proctor sample was collected for the mixed sand and clay proctor and returned to the lab for processing.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250320-B-JDD

Testing Date: 03/20/25

Field Technician Jared Dirkes

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.3	98	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 6+51					F - Finished ground surface				4.0			
2	03/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.8	97	16.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 6+00					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole covers on SW corner of lot in the vicinity of Cable Ln. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250324-A-JGL

Testing Date: 03/24/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
4	03/24/2025	4	ASTM D-1557	CL-Clay (Low Plasticity)	116.7	95	12.6	4 / 1		111.1	95	13.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View, MH 13					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer main, laterals and manholes in the vicinity of Hawk Haven View. Compaction testing results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250325-A-APA

Testing Date: 03/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.2	95	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven Vew STA 17+75, 2' W MH#14					D - Top of pipe				2.0			
2	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.3	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven Vew STA 17+75, 2' E of MH#14					D - Top of pipe				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole, sewer main and sewer laterals backfill along Hawk Haven View. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250325-B-APA

Testing Date: 03/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/25/2025	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 14+80, 75' west of cl behind Lot 9					F - Finished ground surface				- 1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole for storm sewer behind Lot 9, Hawk Haven View. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250402-A-APA

Testing Date: 04/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
5	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Manhole #8 Havenward View STA 31+38 2'W of manhole					D - Top of pipe				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals , sewer main and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250402-B-APA

Testing Date: 04/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Manhole #8 Havenward View STA 31+38 2'E of mh					D - Top of pipe				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on sewer laterals and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250407-B-APA

Testing Date: 04/07/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'W of mh					F - Finished ground surface				- 6.0			
2	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of mh					F - Finished ground surface				- 6.0			
3	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.7	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'W of mh					F - Finished ground surface				- 4.0			
4	04/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.0	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of mh					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole #16 in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-A-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'E of manhole #16					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #16 in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-B-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Haven Cove Point STA 3+60 2'S of mh					F - Finished ground surface				0.0			
5	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Deer Haven View STA 27+20 2'E of manhole #15					F - Finished ground surface				2.0			
6	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Deer Haven View STA 27+20 2'W of manhole #15					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manholes 15&16 and water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250422-A-APA

Testing Date: 04/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'W of mh					F - Finished ground surface				2.0			
2	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'E of mh					F - Finished ground surface				2.0			
3	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'W of mh					F - Finished ground surface				0.0			
4	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 28+03 mh#72'E of mh					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole in the vicinity of Haven Hawk View and water main in the vicinity of Hunters Run . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250422-C-APA

Testing Date: 04/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 @ mh#14 1'W of mh					F - Finished ground surface				4.0			
2	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 @ mh#14 1'E of mh					F - Finished ground surface				4.0			
3	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'W of mh					F - Finished ground surface				4.0			
4	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'E of mh					F - Finished ground surface				4.0			
5	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'W of mh					F - Finished ground surface				2.0			
6	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 @ mh#13 1'E of mh					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manholes in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250423-A-APA

Testing Date: 04/23/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 1'N of mh#14					F - Finished ground surface				0.0			
3	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+75 1'S of mh#14					F - Finished ground surface				0.0			
4	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 1'N of mh#13					F - Finished ground surface				0.0			
5	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Hawk Haven View STA 17+18 1'S of mh#13					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manholes in the vicinity of Hawk Haven View . Compaction results are presented in a attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250424-B-APA

Testing Date: 04/24/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
3	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'E of mh#8					F - Finished ground surface				2.0			
4	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'W of mh#8					F - Finished ground surface				2.0			
5	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward view STA 31+37 1'N of mh#8					F - Finished ground surface				0.0			
6	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 31+37 1'S of mh#8					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250425-C-APA

Testing Date: 04/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+55 1'E of storm drain 6					F - Finished ground surface				2.0			
2	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	17.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+55 1'N of storm drain 6					F - Finished ground surface				2.0			
3	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.8	97	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+55 1'W of storm drain 6					F - Finished ground surface				2.0			
4	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.5	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 34+10 1'E of manhole 2					F - Finished ground surface				2.0			
5	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.2	98	18.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 34+10 1'W of manhole 2					F - Finished ground surface				2.0			
6	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.5	98	17.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'N of storm drain 7					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250425-C-APA

Testing Date: 04/25/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.0	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'S of storm drain 7					F - Finished ground surface				2.0			
8	04/25/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.2	98	17.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'E of storm drain 7					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain and manhole in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250428-B-APA

Testing Date: 04/28/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/28/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.6	99	17.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'S of SD#3					F - Finished ground surface				- 1.5			
2	04/28/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.2	98	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'E of SD#3					F - Finished ground surface				1.5			
3	04/28/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.8	97	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'N of SD#3					F - Finished ground surface				1.5			
4	04/28/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.9	99	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 14+50 20' right of cl					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250429-A-APA

Testing Date: 04/29/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.8	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+35 12' right of cl					F - Finished ground surface				1.0			
2	04/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.9	99	17.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'S of S.D#3					F - Finished ground surface				1.0			
3	04/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.2	98	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'E of S.D#3					F - Finished ground surface				1.0			
4	04/29/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.9	99	18.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 1'N of S.D#3					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250502-A-APA

Testing Date: 05/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		104.9	96	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 2'N of SW corner of SD#3					F - Finished ground surface				0.0			
2	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.7	97	17.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Hawk Haven View STA 13+50 2'S of NW corner of SD#3					F - Finished ground surface				0.0			
3	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.2	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'S of SD#7					F - Finished ground surface				0.0			
4	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.9	97	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'E of SD#7					F - Finished ground surface				0.0			
5	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		105.5	97	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'N of SD#7					F - Finished ground surface				0.0			
6	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.2	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 33+95 1'W of SD#7					F - Finished ground surface				0.0			
7	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.9	98	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+10 2'E of manhole #2					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250502-A-APA

Testing Date: 05/02/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.0	98	17.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+10 2'W of manhole #2					F - Finished ground surface				0.0			
9	05/02/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.2	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 34+55 1'N of SD#6					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of New Haven Point. Compaction resullts are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250702-B-TWE

Testing Date: 07/02/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/02/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			29'S & 5'W of SE corner of 416 Pecos Dr driveway					C - Pavement/Slab Elevation				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of Pecos Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250703-B-TWE

Testing Date: 07/03/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/03/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			5'W & 8'S of SW corner of 1629 Widefield Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250707-A-TWE

Testing Date: 07/07/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/07/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			19'S & 3'W of SW corner of 1625 Widefield Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on storm drain in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250708-A-JAG

Testing Date: 07/08/25

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/08/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			25'S & 2'W of SW corner of driveway of 1621 Pecos (Sidewalk)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing of a 2' lift for storm drain in the vicinity of 1621 Pecos. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250708-A-TWE

Testing Date: 07/08/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/08/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			3'W of SW corner of 1617 Widefield Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for the storm drain in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250710-A-TWE

Testing Date: 07/10/25

Field Technician Thomas Elder

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.1	98	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			18'W & 10'N from the NE corner of 1613 Widefield Dr driveway					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed concrete testing for concrete being placed for the manhole in the vicinity of Widefield Dr. Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Technician also performed compaction testing for the storm drain in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250818-A-JXS

Testing Date: 08/18/25

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/18/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.6	95	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			Widefield Dr - SW corner of 1617 Widefield Dr - 1'W & 2'S from NW corner of inlet					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for storm drain on storm drain inlet backfill in the vicinity of Widefield Dr. Compaction results are presented in the attached report. Technician also performed concrete testing for concrete being placed for the storm drain inlet in the vicinity of Widefield Dr . Concrete field test results are presented in a separate report. Technician cast 1 set of 5 concrete cylinders and left samples on site for initial cure. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250819-B-SXB

Testing Date: 08/19/25

Field Technician Stephen Barela

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	08/19/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			20'S & 2'W of driveway 1617 Widefield Dr					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on the north side of inlet in the vicinity of 1617 Widefield Dr. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260317-A-JXS

Testing Date: 03/17/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/17/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 37+56 MH#4					F - Finished ground surface				6.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on manhole, sewer main and sewer lateral trench backfill. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260319-B-JGL

Testing Date: 03/19/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/19/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			MH 4					C - Pavement/Slab Elevation				- 8.0			

Inspection Comments:

During the requested site visit, RMG performed densities on manhole, sewer main and sewer laterals along New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260320-B-JGL

Testing Date: 03/20/26

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		109.4	92	8.4	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 5					C - Pavement/Slab Elevation				8.0			
2	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		111.3	94	10.3	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 5					C - Pavement/Slab Elevation				6.0			
3	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 6					C - Pavement/Slab Elevation				8.0			
4	03/20/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.4	95	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point MH 6					C - Pavement/Slab Elevation				6.0			

Inspection Comments:

During the requested site visit, RMG performed densities on manholes along New Haven Point. Manhole #5 had failing test at -8' and -6'. Retest are scheduled for Monday 3/23/26. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260324-A-AJW

Testing Date: 03/24/26

Field Technician Alex Walton

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/24/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		110.0	93	8.0	N	Y	N	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			MH 5 STA # 40+40 retest					F - Finished ground surface				8.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on manhole, sewer main, and sewer lateral trench backfill. Density testing was performed for compaction and moisture. A retest for Manhole 5 was performed but did not pass and will be re tested later in the afternoon. Compaction test results are attached to this report. Contractor on site was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260327-A-JXS

Testing Date: 03/27/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/27/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21 MH#9					F - Finished ground surface				7.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on sewer main and manhole trench backfill. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260330-A-JAG

Testing Date: 03/30/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+23 MH 9					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for a sewer lateral and manhole. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260330-B-JAG

Testing Date: 03/30/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/30/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21 MH 9					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for a sewer lateral for Lot 84 and Manhole 9. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260331-A-JAG

Testing Date: 03/31/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on Manhole 10, sewer main, and sewer laterals along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260331-B-JAG

Testing Date: 03/31/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	03/31/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed final density testing on Manhole 10, sewer main, and laterals along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260401-A-JAG

Testing Date: 04/01/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/01/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94 MH 10					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing for SSMH. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260406-A-JAG

Testing Date: 04/06/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.8	95	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94.49 MH 10					F - Finished ground surface				6.0			
2	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.0	98	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 21+94.49 MH 10					F - Finished ground surface				2.0			
5	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.2	95	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				8.0			
6	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.7	95	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				6.0			
7	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.3	98	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				4.0			
8	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.6	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				2.0			
9	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			New Haven Point STA 40+40.68 MH 5					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260406-A-JAG

Testing Date: 04/06/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
10	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.8	95	10.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				7.0			
11	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.3	96	9.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				5.0			
12	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	8.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				3.0			
13	04/06/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.7	99	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenward View STA 33+21.52 MH 9					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed pothole density testing for missed tests at Manholes 5, 9, and 10 along with a sewer main missed station along Havenlock Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260415-A-JAG

Testing Date: 04/15/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
3	04/15/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 35+50					F - Finished ground surface				1.5			

Inspection Comments:

During the requested site visit, RMG performed density testing for a fire hydrant and storm drain. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-A-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.5	98	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 35+50					F - Finished ground surface				0.0			
3	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				6.0			
4	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				4.0			
5	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				2.0			
6	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+58.04, 7.53'L MH 11					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for fire hydrant, storm drain, and manhole. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-B-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
4	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.7	95	14.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				6.0			
5	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				4.0			
6	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				2.0			
7	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.1	99	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	MH - Manhole			Havenlock Point STA 22+82.02, 4.43'L; MH 12					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for water main, manhole, and sewer lateral. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260421-B-JAG

Testing Date: 04/21/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/21/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.2	98	13.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 39+00					F - Finished ground surface				1.5			
2	04/21/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	12.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	SD - Storm Drain			New Haven Point STA 39+00					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for storm drain along New Haven Point. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250409-A-APA

Testing Date: 04/09/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Tract C tie in 15'N of Lot 1 x100'W of Hawk Haven View cl					F - Finished ground surface				- 4.0			
2	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Tract C tie in 15'N of Lot 1 x 30'W of Hawk Haven View cl					F - Finished ground surface				- 4.0			
3	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 16+50 6' right of cl					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main tie in NW corner of subdivision "tract C", north end of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250409-B-APA

Testing Date: 04/09/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk haven View STA 16+40 6' right of cl					F - Finished ground surface				- 2.0			
2	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Tract C tie in 15'N of Lot 1 x 50'W of Hawk haven View cl					F - Finished ground surface				- 2.0			
3	04/09/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Tract C tie in 15'N of Lot 1 x 100'W of Hawk haven View cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main at North end of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250410-A-APA

Testing Date: 04/10/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 24+30 6' left of cl					F - Finished ground surface				- 4.0			
2	04/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 25+50 6' left of cl					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Deer Haven View. Compaction results are presented in the attached report. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250410-B-APA

Testing Date: 04/10/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 24+25 6' left of cl					F - Finished ground surface				0.0			
2	04/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 25+50 6' left of cl					F - Finished ground surface				- 2.0			
3	04/10/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 26+25 6' left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Deer Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250411-A-APA

Testing Date: 04/11/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 17+90 6' right of cl					F - Finished ground surface				0.0			
2	04/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 25+60 1' west of water valve					F - Finished ground surface				- 2.0			
3	04/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 25+60 1' east of water valve					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Deer Haven View and Hawk Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250411-B-APA

Testing Date: 04/11/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 6+50 4' left of cl					F - Finished ground surface				0.0			
2	04/11/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 4+25 10' right of cl					F - Finished ground surface				- 2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main tie in at the corner of Cable Ln and Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250414-A-APA

Testing Date: 04/14/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.8	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 7+00 6' left of cl					F - Finished ground surface				- 2.0			
2	04/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 8+00 6' left of cl					F - Finished ground surface				- 2.0			
3	04/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 7+00 6' left of cl					F - Finished ground surface				0.0			
4	04/14/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 8+00 6' left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Cable Ln. Compaction results are presented in the attached report. Contractor was notiifed.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250414-A-JGL

Testing Date: 04/14/25

Field Technician John G. Lohman

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/14/2025	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.3	96	16.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Deer Haven View STA 27+30					F - Finished ground surface				2.0			
2	04/14/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.7	95	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+60					F - Finished ground surface				3.0			
3	04/14/2025	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		121.1	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+40					F - Finished ground surface				3.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250415-A-APA

Testing Date: 04/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 8+00 5' left of cl					C - Pavement/Slab Elevation				- 2.0			
2	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 8+50 5' left of cl					C - Pavement/Slab Elevation				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main along Cable Ln. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250415-B-APA

Testing Date: 04/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.8	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 8+75 3' left of cl					C - Pavement/Slab Elevation				0.0			
2	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+50 3' left of cl					C - Pavement/Slab Elevation				- 4.0			
3	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 10+00 3' left of cl					C - Pavement/Slab Elevation				- 4.0			
4	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+50 3' left of cl					C - Pavement/Slab Elevation				- 2.0			
5	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 10+00 3' left of cl					C - Pavement/Slab Elevation				- 2.0			
6	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+50 3' left of cl					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20250415-B-APA

Testing Date: 04/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	04/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 10+00 3' left of cl					C - Pavement/Slab Elevation				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Cable Ln. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250416-A-APA

Testing Date: 04/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 10+50 3' left of cl					F - Finished ground surface				- 4.0			
2	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 10+50 3' left of cl					F - Finished ground surface				- 2.0			
3	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+00 3' left of cl					F - Finished ground surface				- 4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Cable Ln. Compaction results are presented in the atttached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250416-C-APA

Testing Date: 04/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.6	100	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+00 3' left of cl					F - Finished ground surface				- 2.0			
2	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+50 3' left of cl					F - Finished ground surface				- 4.0			
3	04/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.8	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 3' left of cl					F - Finished ground surface				- 6.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing along Cable Ln. Compaction results are presented in the attached report. Contrator was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250417-A-APA

Testing Date: 04/17/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+10 5' left of cl @ center of valve cluster					F - Finished ground surface				- 4.0			
2	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+00 3' left of cl					F - Finished ground surface				0.0			
3	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.9	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+50 3' left of cl					F - Finished ground surface				- 2.0			
4	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.7	100	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 11+75 8' left of cl					F - Finished ground surface				- 4.0			
5	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+10 5' left of cl @ center of valve cluster					F - Finished ground surface				- 2.0			
6	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	9.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 9+10 5' left of cl @ center of valve cluster					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Cable Ln. Compaction results are presented in the attached report. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250417-B-APA

Testing Date: 04/17/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.9	100	9.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 8' left of cl @ center of valve cluster					F - Finished ground surface				4.0			
2	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 20' right of cl @ fire hydrant					F - Finished ground surface				- 4.0			
3	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 12+75 8' left of cl					F - Finished ground surface				- 4.0			
4	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 13+00 8' left of cl					F - Finished ground surface				- 2.0			
5	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 8' left of cl @ center of valve cluster					F - Finished ground surface				- 2.0			
6	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 20' right of cl @ fire hydrant					F - Finished ground surface				- 2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250417-B-APA

Testing Date: 04/17/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
7	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 8’ left of cl @ center of valve cluster					F - Finished ground surface				0.0			
8	04/17/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.5	100	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Cable Ln STA 12+00 20’ right of cl @ fire hydrant					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Cable Ln & Hunters Run. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250418-A-APA

Testing Date: 04/18/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/18/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 13+00 10' left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Hunters Run. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-A-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+80 11' right of cl x 1'W of water valve					F - Finished ground surface				2.0			
3	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+80 20' right of cl @ Fire Hydrant					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #16 in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250421-B-APA

Testing Date: 04/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
2	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+80 10' right of cl 1'E of valve					F - Finished ground surface				0.0			
3	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+80 20' right of cl 2'W of hydrant					F - Finished ground surface				0.0			
4	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+18 @ center of valve cluster					F - Finished ground surface				2.0			
7	04/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.5	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point 3+18 @ center of valve cluster					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manholes 15&16 and water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250422-A-APA

Testing Date: 04/22/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
5	04/22/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 14+50 10' left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on manhole in the vicinity of Haven Hawk View and water main in the vicinity of Hunters Run . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250423-A-APA

Testing Date: 04/23/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 17+32 6' left of cl a center of valve cluster					F - Finished ground surface				2.0			
6	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 17+32 6' left of cl a center of valve cluster					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manholes in the vicinity of Hawk Haven View . Compaction results are presented in a attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250423-C-APA

Testing Date: 04/23/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 15+75 8' left of cl					F - Finished ground surface				0.0			
2	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 15+22 @ center of valve cluster					F - Finished ground surface				4.0			
3	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 15+50 8' left of cl					F - Finished ground surface				2.0			
4	04/23/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 15+50 8' left of cl					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250424-A-APA

Testing Date: 04/24/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View SAT 28+75 8' left of cl					F - Finished ground surface				2.0			
2	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 29+50 8' left of cl					F - Finished ground surface				4.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Technician also retrieved 1 set of 5 concrete cylinders. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250424-B-APA

Testing Date: 04/24/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 28+75 8' left of cl					F - Finished ground surface				0.0			
2	04/24/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 29+50 8' left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main and manhole #8 in the vicinity of Havenward View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250429-B-APA

Testing Date: 04/29/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 30+00 8' left of cl					F - Finished ground surface				2.0			
2	04/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 31+25 8' left of cl					F - Finished ground surface				2.0			
3	04/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 31+37 1'N of valve 9' left of cl					F - Finished ground surface				2.0			
4	04/29/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.5	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 2+80 10' right of cl					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Havenward View and Haven Cove Point . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250430-B-APA

Testing Date: 04/30/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 16+90 1'E of water valve					F - Finished ground surface				0.0			
2	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 16+90 15' right of cl 2'W of fire hydrant					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250430-C-APA

Testing Date: 04/30/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.7	98	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 2+50 10’ right of cl					F - Finished ground surface				0.0			
2	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 3+50 10’ right of cl					F - Finished ground surface				0.0			
3	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 31+00 8’ left of cl					F - Finished ground surface				0.0			
4	04/30/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.2	99	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 29+50 8’ left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Havenward View and Haven Cove Point . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250501-A-APA

Testing Date: 05/01/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+07 12' right of cl @ center of valve cluster					F - Finished ground surface				2.0			
2	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+25 10' right of cl 1'E of valve					F - Finished ground surface				2.0			
3	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+25 15' right of cl 2'W of fire hydrant					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250501-B-APA

Testing Date: 05/01/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.8	99	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+07 12’ right of cl @ center of valve cluster					F - Finished ground surface				0.0			
2	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.2	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+25 11’ right of cl 1’E of valve					F - Finished ground surface				0.0			
3	05/01/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Haven Cove Point STA 1+25 15’ right of cl 2’W of fire hydrant					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250515-B-APA

Testing Date: 05/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 46 Haven Cove Point 20' right of cl					F - Finished ground surface				1.0			
2	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 45 Haven Cove Point 20' right of cl					F - Finished ground surface				2.0			
3	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 44 Haven Cove Point 20' right of cl					F - Finished ground surface				0.0			
4	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 43 Haven Cove Point 20' right of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Haven Cove Point. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250515-C-APA

Testing Date: 05/15/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 47 Deer Haven View 20’ left of cl					F - Finished ground surface				0.0			
2	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 48 Deer Haven View 20’ left of cl					F - Finished ground surface				1.0			
3	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 62 Deer Haven View 20’ right of cl					F - Finished ground surface				0.0			
4	05/15/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.8	98	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 61 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Deer Haven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250516-A-APA

Testing Date: 05/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 49 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
2	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 50 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
3	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.7	96	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 51 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
4	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 52 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
5	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.0	98	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 53 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
6	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 54 Deer Haven View 20’ left of cl					F - Finished ground surface				2.0			
7	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.7	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 55 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250516-A-APA

Testing Date: 05/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 56 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			
9	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.2	96	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 57 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			
10	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.4	97	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 58 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			
11	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.5	99	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 59 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			
12	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	9.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 60 Deer Haven View 20’ right of cl					F - Finished ground surface				1.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250516-A-APA

Testing Date: 05/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
13	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 42 Haven Cove Point 20' right of cl					F - Finished ground surface				0.0			
14	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.8	97	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 41 Haven Cove Point 20' right of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Deer Haven View and Haven Cove Point . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250516-B-APA

Testing Date: 05/16/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.9	96	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 40 Haven Cove Point 20’ right of cl					F - Finished ground surface				1.0			
2	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.2	99	10.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 79 Havenward View 20’ right of cl					F - Finished ground surface				1.0			
3	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.6	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 78 Havenward View 20’ right of cl					F - Finished ground surface				1.0			
4	05/16/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.6	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 77 Havenward View 20’ right of cl					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Haven Cove Point and Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250519-A-APA

Testing Date: 05/19/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/19/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 76 Havenward View 20' right of cl					F - Finished ground surface				1.0			
2	05/19/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 75 Havenward View 20' right of cl					F - Finished ground surface				1.0			
3	05/19/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		118.0	99	10.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 74 Havenward View 20' right of cl					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Havenward View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250520-B-APA

Testing Date: 05/20/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.9	98	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 73 Havenward View 20’ right of cl					F - Finished ground surface				1.0			
2	05/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.1	98	9.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 72 Havenward View 20’ right of cl					F - Finished ground surface				1.0			
3	05/20/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.4	99	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 71 Havenward View 20’ right of cl					F - Finished ground surface				1.0			
4	05/20/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.2	98	17.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 8 Havenward View 20’ left of cl					F - Finished ground surface				1.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Havenward View and Hawkhaven View . Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250521-B-APA

Testing Date: 05/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.7	97	10.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 63 Havenward view 20' left of cl					F - Finished ground surface				0.0			
2	05/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	10.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 64 Havenward view 20' left of cl					F - Finished ground surface				0.0			
3	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.8	99	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 1 Hawk Haven View 20' left of cl					F - Finished ground surface				0.0			
5	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.9	99	17.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 2 Hawk Haven View 20' left of cl					F - Finished ground surface				0.0			
7	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.3	99	17.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 3 Hawk Haven View 20' left of cl					F - Finished ground surface				0.0			
9	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.6	99	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 4 Hawk Haven View 20' left of cl					F - Finished ground surface				0.0			
11	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		107.8	99	17.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 5 Hawk Haven View 20' left of cl					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250521-B-APA

Testing Date: 05/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
13	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		106.9	98	17.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 6 Hawk Haven View 20’ left of cl					F - Finished ground surface				0.0			
15	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		108.4	100	16.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 7 Hawk Haven View 20’ left of cl					F - Finished ground surface				0.0			
17	05/21/2025	3	ASTM D-698	CL-Clay (Low Plasticity)	108.9	95	15.6	4 / 1		108.5	100	17.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Lot 8 Hawk Haven View 20’ left of cl					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water laterals in the vicinity of Havenward View. Technician also performed compaction testing on water laterals and sewer laterals in the vicinity of Hawk Haven View. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20250521-D-APA

Testing Date: 05/21/25

Field Technician Adam Albertson

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	8.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 14+00 15’ left of cl					F - Finished ground surface				4.0			
2	05/21/2025	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.5	96	9.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hunters Run STA 14+00 15’ left of cl					F - Finished ground surface				2.0			

Inspection Comments:

During the requested site visit, RMG performed compaction testing on water main in the vicinity of 4845 Hunters Run. Compaction results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260403-A-JAG

Testing Date: 04/03/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/03/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		109.7	100	16.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 14+50					F - Finished ground surface				4.0			
2	04/03/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		107.2	98	15.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 14+50					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for density testing of the water main along Hawk Haven View. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260407-A-JAG

Testing Date: 04/07/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+50					F - Finished ground surface				3.0			
2	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+50					F - Finished ground surface				1.5			
3	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.6	99	11.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+50					F - Finished ground surface				0.0			
4	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.2	99	14.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 36+00					F - Finished ground surface				3.0			
5	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.5	98	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 36+00					F - Finished ground surface				1.5			
6	04/07/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.1	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 36+00					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for the water main along Hawk Haven View and New Haven Point. Compaction test resuls are attached to this report. Foreman Jose on-site was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260410-A-JAG

Testing Date: 04/10/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/10/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		106.4	98	15.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 39+25					F - Finished ground surface				3.0			
2	04/10/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		104.7	96	16.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 39+25					F - Finished ground surface				1.5			
3	04/10/2026	7	ASTM D-698	CL-Clay (Low Plasticity) (infrastructure)	108.9	95	15.6	2 / -2		108.4	100	15.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 39+25					F - Finished ground surface				0.0			
4	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.0	95	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 19+75					F - Finished ground surface				3.0			
5	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 19+75					F - Finished ground surface				1.5			
6	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.5	99	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 19+75					F - Finished ground surface				0.0			
7	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.8	98	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 32+25					F - Finished ground surface				3.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260410-A-JAG

Testing Date: 04/10/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.9	99	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 32+25					F - Finished ground surface				1.5			
9	04/10/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.2	99	12.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenward View STA 32+25					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for the water main along New Haven Point, Havenlock Point, and Havenward View. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260414-A-JAG

Testing Date: 04/14/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.6	96	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 14+77.71, 23.53’ (R) (hydrant)					F - Finished ground surface				3.0			
2	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.7	98	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 14+77.71, 23.53’ (R) (hydrant)					F - Finished ground surface				1.5			
3	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 14+77.71, 23.53’ (R) (hydrant)					F - Finished ground surface				0.0			
4	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 21+17.92, 7’ (R) (8” gate valves)					F - Finished ground surface				3.0			
5	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.2	99	11.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 21+17.92, 7’ (R) (8” gate valves)					F - Finished ground surface				1.5			
6	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.0	99	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 21+17.92, 7’ (R) (8” gate valves)					F - Finished ground surface				0.0			
7	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 38+05.54, 21.50’ (R) (hydrant)					F - Finished ground surface				3.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260414-A-JAG

Testing Date: 04/14/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.6	98	12.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 38+05.54, 21.50' (R) (hydrant)					F - Finished ground surface				1.5			
9	04/14/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			New Haven Point STA 38+05.54, 21.50' (R) (hydrant)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for water main components including fire hydrants and water valves. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260415-A-JAG

Testing Date: 04/15/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/15/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.5	96	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+27.79, 22.15' (L) (hydrant)					F - Finished ground surface				3.0			
2	04/15/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	13.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+27.79, 22.15' (L) (hydrant)					F - Finished ground surface				1.5			

Inspection Comments:

During the requested site visit, RMG performed density testing for a fire hydrant and storm drain. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client:
Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project:
Haven Valley

Report No: 20260416-A-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.7	96	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Hawk Haven View STA 13+27.79, 22.15' (L) (hydrant)					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for fire hydrant, storm drain, and manhole. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260416-B-JAG

Testing Date: 04/16/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	13.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+50					F - Finished ground surface				3.0			
2	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+55					F - Finished ground surface				1.5			
3	04/16/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.5	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+60					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for water main, manhole, and sewer lateral. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260417-A-JAG

Testing Date: 04/17/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/17/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+67.35, 5.16'R					F - Finished ground surface				3.0			
2	04/17/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+67.35, 5.16'R					F - Finished ground surface				1.5			
3	04/17/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.6	99	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WM - Water Main			Havenlock Point STA 22+67.35, 5.16'R					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for gate valves. Density results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-A-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		110.3	95	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 27					F - Finished ground surface				2.0			
2	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	11.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 27					F - Finished ground surface				0.0			
3	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 26					F - Finished ground surface				2.0			
4	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.8	98	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 26					F - Finished ground surface				0.0			
5	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.2	98	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 25					F - Finished ground surface				2.0			
6	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 25					F - Finished ground surface				0.0			
7	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 24					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-A-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.5	98	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 24					F - Finished ground surface				0.0			
9	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	12.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 23					F - Finished ground surface				2.0			
10	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	12.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 23					F - Finished ground surface				0.0			
11	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.2	97	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 22					F - Finished ground surface				2.0			
12	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.7	98	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 22					F - Finished ground surface				0.0			
13	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	11.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 21					F - Finished ground surface				2.0			
14	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 21					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-A-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
15	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.8	98	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 20					F - Finished ground surface				2.0			
16	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.6	96	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 20					F - Finished ground surface				0.0			
17	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 19					F - Finished ground surface				2.0			
18	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.6	98	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 19					F - Finished ground surface				0.0			
19	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.6	99	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 94					F - Finished ground surface				2.0			
20	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.3	100	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 94					F - Finished ground surface				0.0			
21	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	10.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 93					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-A-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
22	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.2	99	12.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 93					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density for water laterals along lots at New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-B-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.9	96	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 92					F - Finished ground surface				2.0			
2	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	11.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 92					F - Finished ground surface				0.0			
3	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 91					F - Finished ground surface				2.0			
4	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 91					F - Finished ground surface				0.0			
5	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 90					F - Finished ground surface				2.0			
6	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 90					F - Finished ground surface				0.0			
7	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		111.4	95	14.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 89					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-B-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.1	99	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 89					F - Finished ground surface				0.0			
9	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.2	97	12.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 88					F - Finished ground surface				2.0			
10	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.7	97	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 88					F - Finished ground surface				0.0			
11	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.9	97	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 87					F - Finished ground surface				2.0			
12	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.8	98	11.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 87					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260429-B-JAG

Testing Date: 04/29/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
13	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	13.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 86					F - Finished ground surface				2.0			
14	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.5	99	11.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 86					F - Finished ground surface				0.0			
15	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.6	99	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 85					F - Finished ground surface				2.0			
16	04/29/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.2	100	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 85					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density for water laterals along lots at New Haven Point. Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-A-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.8	97	14.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 19					F - Finished ground surface				2.0			
2	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.2	99	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 19					F - Finished ground surface				0.0			
3	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.4	97	13.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 18					F - Finished ground surface				2.0			
4	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.2	98	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 18					F - Finished ground surface				0.0			
5	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.7	98	13.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 17					F - Finished ground surface				2.0			
6	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	12.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 17					F - Finished ground surface				0.0			
7	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 16					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-A-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 16					F - Finished ground surface				0.0			
9	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.3	96	14.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 15					F - Finished ground surface				2.0			
10	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.5	98	12.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 15					F - Finished ground surface				0.0			
11	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.4	97	13.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 14					F - Finished ground surface				2.0			
12	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.6	97	11.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 14					F - Finished ground surface				0.0			
13	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	11.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 13					F - Finished ground surface				2.0			
14	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.6	99	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 13					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-A-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
15	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.0	97	12.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Point Lot 12					F - Finished ground surface				2.0			
16	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.8	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 12					F - Finished ground surface				0.0			
17	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.3	98	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 11					F - Finished ground surface				2.0			
18	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.3	99	11.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 11					F - Finished ground surface				0.0			
19	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 10					F - Finished ground surface				2.0			
20	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Hawk Haven View Lot 10					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing on water laterals for lots along New Haven Point and Hawk Haven View . Compaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-B-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.9	98	12.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 95					F - Finished ground surface				2.0			
2	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.5	99	10.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 95					F - Finished ground surface				0.0			
3	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.8	98	12.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 96					F - Finished ground surface				2.0			
4	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.2	98	11.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 96					F - Finished ground surface				0.0			
5	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.4	99	12.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 97					F - Finished ground surface				2.0			
6	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.8	99	11.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 97					F - Finished ground surface				0.0			
7	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.4	98	12.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 97					F - Finished ground surface				2.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-B-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		116.0	99	10.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 97					F - Finished ground surface				0.0			
9	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.6	98	13.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 98					F - Finished ground surface				2.0			
10	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.7	99	12.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point Lot 98					F - Finished ground surface				0.0			
11	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.9	98	14.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 80					F - Finished ground surface				2.0			
12	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.7	98	12.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 80					F - Finished ground surface				0.0			
13	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.0	98	12.6	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 81					F - Finished ground surface				2.0			
14	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		112.5	96	14.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 81					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260504-B-JAG

Testing Date: 05/04/26

Field Technician Jason Garcia

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
15	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		113.5	97	13.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 82					F - Finished ground surface				2.0			
16	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		114.1	98	13.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 82					F - Finished ground surface				0.0			
17	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.0	99	12.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 83					F - Finished ground surface				2.0			
18	05/04/2026	8	ASTM D-1557	CL-Clay (Low Plasticity) (infrastructure)	116.7	95	12.6	2 / -2		115.3	99	12.8	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View Lot 83					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed density testing for water laterals along New Haven Point and Havenward View . Conmpaction test results are attached to this report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260722-A-JXS

Testing Date: 07/22/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
1	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 28					F - Finished ground surface				0.0			
2	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.8	96	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 29					F - Finished ground surface				1.5			
3	07/22/2026	5	ASTM D-1557	SC-Clayey Sand (blend)	126.8	95	10.5	2 / -2		120.4	95	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 30					F - Finished ground surface				0.0			
4	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.2	98	8.0	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 31					F - Finished ground surface				1.0			
5	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.9	97	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 32					F - Finished ground surface				1.5			
6	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.1	96	8.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 33					F - Finished ground surface				0.0			
7	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.8	97	8.1	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 34					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260722-A-JXS

Testing Date: 07/22/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
8	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		113.5	95	8.5	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 35					F - Finished ground surface				0.0			
9	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		117.0	98	8.3	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 36					F - Finished ground surface				0.0			
10	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		114.6	96	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 37					F - Finished ground surface				2.0			
11	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		112.9	95	7.9	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenlock Point lot 38					F - Finished ground surface				0.0			
12	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		116.4	98	8.4	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point lot 85					F - Finished ground surface				0.0			

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.

WO # 197131

Client: Challenger Communities
8605 Explorer Drive, Suite 250
Colorado Springs, CO 80920

Project: Haven Valley

Report No: 20260722-A-JXS

Testing Date: 07/22/26

Field Technician Jason Stockley

Field Test Results

	Test Date	Proctor No	Method	Proctor Desc	Max Dry Density (pcf)	Min Compaction (%)	Optimum Water Content (%)	Water Content Range		Dry Density (pcf)	Percent Compaction (%)	Water Content (%)	Meets Proj. Specs? Compaction	Water Content	Test Pass	Re- test
13	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	8.7	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			New Haven Point lot 86					F - Finished ground surface				1.5			
14	07/22/2026	1	ASTM D-1557	SM-Silty Sand	118.9	95	9.9	2 / -2		115.9	97	8.2	Y	Y	Y	N
	Test Type			**Location**					**Elevation Datum**				**Test Depth (ft)**			
	WL - Water Lateral			Havenward View lot 84					F - Finished ground surface				0.0			

Inspection Comments:

During the requested site visit, RMG performed moisture/density tests on water lateral trench backfill behind the curb line. Density test results are presented in the attached report. Contractor was notified.

The tests were performed in general accordance with applicable ASTM and AASHTO test methods. Test results indicate the density at the specific depths and locations tested. We have relied on the contractor to apply the necessary compactive effort and moisture to achieve specified compaction during times when our observer is not present and at locations other than those tested. The test results may not be representative of all the fill placed.