Compression Test Report

Report No: 197131-2025-02-17-1-56C

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

Date: 12/23/24

Job No: 197131.1C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.50
Truck No.	40	Ambient Air Temp. (F):	40
Ticket No.	86758339	Mix Temp. (F):	76
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Adam Albertson	Wet Density (PCF):	140.7
Batch Time:	9:07 am	Water added (gal - UNO):	5
Time of Test:	10:15 am	Specified Strength (psi):	4,500
Time in Truck:	68 min		
Comments:			

Compressive Strengths

Project Set No.: 1

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.19	12/23/24	12/30/24	7	4.00	8.00	1.00	12.57	140.7	5	49,410	3,930	3,930	3,930
B	8.20	12/23/24	01/20/25	28	4.00	8.00	1.00	12.57	140.9	5	57,170	4,550	4,550	4,490
C	8.21	12/23/24	01/20/25	28	4.00	8.00	1.00	12.57	141.1	5	55,640	4,430	4,430	
D	8.23	12/23/24	02/17/25	56	4.00	8.00	1.00	12.57	141.4	5	67,260	5,350	5,350	5,340
E	8.19	12/23/24	02/17/25	56	4.00	8.00	1.00	12.57	140.7	5	66,820	5,320	5,320	

Test Location: Slab, Eas and west forebay floors

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-02-12-2-28C

Date: 01/15/25

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

Job No: 197131.2C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	5.50
Truck No.	72	Ambient Air Temp. (F):	67
Ticket No.	86758493	Mix Temp. (F):	45
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Thomas Elder	Wet Density (PCF):	143.8
Batch Time:	11:40 am	Water added (gal - UNO):	
Time of Test:	12:30 pm	Specified Strength (psi):	4,500
Time in Truck:	50 min		
Comments:			

Compressive Strengths

Project Set No.: 2

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.35	01/15/25	01/22/25	7	4.00	8.00	1.00	12.57	143.5	5	54,940	4,370	4,370	4,370
B	8.35	01/15/25	02/12/25	28	4.00	8.00	1.00	12.57	143.5	5	69,930	5,560	5,560	5,500
C	8.33	01/15/25	02/12/25	28	4.00	8.00	1.00	12.57	143.1	5	71,250	5,670	5,670	
D	8.30	01/15/25	02/12/25	28	4.00	8.00	1.00	12.57	142.6	5	66,300	5,270	5,270	

Specimen E, Cast on 01/15/25 has not been tested.

Test Location: Other, Detention pond floor NE

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-02-21-3-28C

Date: 01/24/25

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

Job No: 197131.3C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.50
Truck No.	40	Ambient Air Temp. (F):	35
Ticket No.	86758596	Mix Temp. (F):	70
Mix Design No.:	T345921	Air Content (%):	5.5
Sampled By:	Adam Albertson	Wet Density (PCF):	141.2
Batch Time:	9:25 am	Water added (gal - UNO):	
Time of Test:	10:10 am	Specified Strength (psi):	4,500
Time in Truck:	45 min		
Comments:			

Compressive Strengths

Project Set No.: 3

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.23	01/24/25	01/31/25	7	4.00	8.00	1.00	12.57	141.4	5	51,340	4,080	4,080	4,080
B	8.18	01/24/25	02/21/25	28	4.00	8.00	1.00	12.57	140.6	5	69,800	5,550	5,550	5,610
C	8.21	01/24/25	02/21/25	28	4.00	8.00	1.00	12.57	141.1	5	71,950	5,720	5,720	
D	8.19	01/24/25	02/21/25	28	4.00	8.00	1.00	12.57	140.7	5	69,840	5,560	5,560	

Specimen E, Cast on 01/24/25 has not been tested.

Test Location: Storm Drain/Inlet, Trickle channel floors

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-02-25-4-28C

Date: 01/28/25

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

Job No: 197131.4C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	6.50
Truck No.	348	Ambient Air Temp. (F):	41
Ticket No.	86758626	Mix Temp. (F):	0
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Thomas Elder	Wet Density (PCF):	142.6
Batch Time:	11:15 am	Water added (gal - UNO):	
Time of Test:	12:15 pm	Specified Strength (psi):	4,500
Time in Truck:	60 min		
Comments:			

Compressive Strengths

Project Set No.: 4

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.25	01/28/25	02/04/25	7	4.00	8.00	1.00	12.57	141.8	5	56,520	4,500	4,500	4,500
B	8.25	01/28/25	02/25/25	28	4.00	8.00	1.00	12.57	141.8	5	67,360	5,360	5,360	5,270
C	8.17	01/28/25	02/25/25	28	4.00	8.00	1.00	12.57	140.4	5	67,340	5,360	5,360	
D	8.26	01/28/25	02/25/25	28	4.00	8.00	1.00	12.57	141.9	5	63,820	5,080	5,080	

Specimen E, Cast on 01/28/25 has not been tested.

Test Location: Storm Drain/Inlet, Detention Pond Trickle Channel

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-02-26-5-28C

Date: 01/29/25

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

Job No: 197131.5C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	6.00
Truck No.	59	Ambient Air Temp. (F):	44
Ticket No.	86758657	Mix Temp. (F):	55
Mix Design No.:	T345921	Air Content (%):	6.0
Sampled By:	Thomas Elder	Wet Density (PCF):	141.6
Batch Time:	11:15 am	Water added (gal - UNO):	0
Time of Test:	12:30 pm	Specified Strength (psi):	4,500
Time in Truck:	75 min		
Comments:			

Compressive Strengths

Project Set No.: 5

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.09	01/29/25	02/05/25	7	4.00	8.00	1.00	12.57	139.0	5	48,310	3,840	3,840	3,840
B	8.08	01/29/25	02/26/25	28	4.00	8.00	1.00	12.57	138.8	5	58,200	4,630	4,630	4,760
C	8.13	01/29/25	02/26/25	28	4.00	8.00	1.00	12.57	139.7	5	62,520	4,970	4,970	
D	8.10	01/29/25	02/26/25	28	4.00	8.00	1.00	12.57	139.2	5	58,830	4,680	4,680	

Specimen E, Cast on 01/29/25 has not been tested.

Test Location: Other, Trickle Channel South Section

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-04-30-6-56C

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

Date: 03/05/25

Job No: 197131.6C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.00
Truck No.	85	Ambient Air Temp. (F):	46
Ticket No.	86748795	Mix Temp. (F):	78
Mix Design No.:	T345921	Air Content (%):	6.2
Sampled By:	Jared Dirkes	Wet Density (PCF):	139.0
Batch Time:	1:11 pm	Water added (gal - UNO):	0
Time of Test:	2:10 pm	Specified Strength (psi):	4,500
Time in Truck:	59 min		
Comments:			

Compressive Strengths

Project Set No.: 6

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.16	03/05/25	03/12/25	7	4.00	8.00	1.00	12.57	140.2	5	48,580	3,860	3,860	3,860
B	8.11	03/05/25	04/02/25	28	4.00	8.00	1.00	12.57	139.4	5	56,410	4,490	4,490	4,480
C	8.11	03/05/25	04/02/25	28	4.00	8.00	1.00	12.57	139.4	5	56,280	4,480	4,480	
D	8.17	03/05/25	04/30/25	56	4.00	8.00	1.00	12.57	140.4	5	64,980	5,170	5,170	5,100
E	8.17	03/05/25	04/30/25	56	4.00	8.00	1.00	12.57	140.4	5	63,250	5,030	5,030	

Test Location: Storm Drain/Inlet, NW corner of site.

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-04-04-7-28C

Date: 03/07/25

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

Job No: 197131.7C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.50
Truck No.	47	Ambient Air Temp. (F):	40
Ticket No.	86759083	Mix Temp. (F):	74
Mix Design No.:	T345921	Air Content (%):	6.1
Sampled By:	Thomas Elder	Wet Density (PCF):	141.0
Batch Time:	1:13 pm	Water added (gal - UNO):	0
Time of Test:	2:00 pm	Specified Strength (psi):	4,000
Time in Truck:	47 min		
Comments:			

Compressive Strengths

Project Set No.: 7

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.02	03/07/25	03/14/25	7	4.00	8.00	1.00	12.57	137.8	5	40,340	3,210	3,210	3,210
B	8.09	03/07/25	04/04/25	28	4.00	8.00	1.00	12.57	139.0	5	59,680	4,750	4,750	4,750
C	8.16	03/07/25	04/04/25	28	4.00	8.00	1.00	12.57	140.2	5	61,390	4,880	4,880	
D	8.14	03/07/25	04/04/25	28	4.00	8.00	1.00	12.57	139.9	5	58,110	4,620	4,620	

Specimen E, Cast on 03/07/25 has not been tested.

Test Location: Inlet walls, NW CORNER OF SITE INLET WALLS

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-04-8-56C

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

Date: 04/09/25

Job No: 197131.8C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.00
Truck No.	8734	Ambient Air Temp. (F):	61
Ticket No.	86527285	Mix Temp. (F):	77
Mix Design No.:	T34592110	Air Content (%):	7.7
Sampled By:	Jason Stockley	Wet Density (PCF):	140.0
Batch Time:	9:44 am	Water added (gal - UNO):	0
Time of Test:	10:20 am	Specified Strength (psi):	4,500
Time in Truck:	36 min		
Comments:			

Compressive Strengths

Project Set No.: 8

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.19	04/09/25	04/16/25	7	4.00	8.00	1.00	12.57	140.7	5	43,870	3,490	3,490	3,490
B	8.26	04/09/25	05/07/25	28	4.00	8.00	1.00	12.57	141.9	5	51,210	4,070	4,070	4,140
C	8.17	04/09/25	05/07/25	28	4.00	8.00	1.00	12.57	140.4	3	52,870	4,210	4,210	
D	8.21	04/09/25	06/04/25	56	4.00	8.00	1.00	12.57	141.1	5	56,760	4,520	4,520	4,600
E	8.19	04/09/25	06/04/25	56	4.00	8.00	1.00	12.57	140.7	5	58,970	4,690	4,690	

Test Location: Storm Drain/Inlet, New Haven Point STA 33+95

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-11-9-56C

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

Date: 04/16/25

Job No: 197131.9C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.00
Truck No.	8713	Ambient Air Temp. (F):	74
Ticket No.	86527454	Mix Temp. (F):	74
Mix Design No.:	T345921	Air Content (%):	6.5
Sampled By:	Adam Albertson	Wet Density (PCF):	139.8
Batch Time:	12:35 pm	Water added (gal - UNO):	0
Time of Test:	1:05 pm	Specified Strength (psi):	4,500
Time in Truck:	30 min		
Comments:			

Compressive Strengths

Project Set No.: 9

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.17	04/16/25	04/23/25	7	4.00	8.00	1.00	12.57	140.4	5	42,220	3,360	3,360	3,360
B	8.19	04/16/25	05/14/25	28	4.00	8.00	1.00	12.57	140.7	5	51,170	4,070	4,070	4,120
C	8.25	04/16/25	05/14/25	28	4.00	8.00	1.00	12.57	141.8	5	52,790	4,200	4,200	
D	8.22	04/16/25	05/14/25	28	4.00	8.00	1.00	12.57	141.3	5	51,310	4,080	4,080	
E	8.22	04/16/25	06/11/25	56	4.00	8.00	1.00	12.57	141.3	3	62,340	4,960	4,960	4,960

Test Location: Storm Drain/Inlet, New Haven Point sta#34+00

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2025-05-20-10-28C-REV-1

Date: 04/22/25

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

Job No: 197131.10C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.50
Truck No.	86	Ambient Air Temp. (F):	67
Ticket No.	86759935	Mix Temp. (F):	72
Mix Design No.:	T345921	Air Content (%):	6.3
Sampled By:	Adam Albertson	Wet Density (PCF):	142.9
Batch Time:	1:14 pm	Water added (gal - UNO):	0
Time of Test:	1:50 pm	Specified Strength (psi):	4,500
Time in Truck:	36 min		
Comments:			

Compressive Strengths

Project Set No.: 10

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.31	04/22/25	04/29/25	7	4.00	8.00	1.00	12.57	142.8	5	45,920	3,650	3,650	3,650
B	8.33	04/22/25	05/20/25	28	4.00	8.00	1.00	12.57	143.1	3	57,180	4,550	4,550	4,620
C	8.29	04/22/25	05/20/25	28	4.00	8.00	1.00	12.57	142.5	5	59,690	4,750	4,750	
D	8.36	04/22/25	05/20/25	28	4.00	8.00	1.00	12.57	143.7	5	57,460	4,570	4,570	

Specimen E, Cast on 04/22/25 has not been tested.

Revision Notes: Revised design strength

Test Location: Storm Drain/Inlet, Hawk haven view

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-05-21-11-28C

Date: 04/23/25

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

Job No: 197131.11C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.00
Truck No.	8	Ambient Air Temp. (F):	69
Ticket No.	86759957	Mix Temp. (F):	72
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Adam Albertson	Wet Density (PCF):	142.4
Batch Time:	1:08 pm	Water added (gal - UNO):	0
Time of Test:	1:40 pm	Specified Strength (psi):	4,500
Time in Truck:	32 min		
Comments:			

Compressive Strengths

Project Set No.: 11

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.54	04/23/25	04/30/25	7	4.00	8.00	1.00	12.57	146.7	5	56,540	4,500	4,500	4,500
B	8.52	04/23/25	05/21/25	28	4.00	8.00	1.00	12.57	146.4	5	71,640	5,700	5,700	5,550
C	8.52	04/23/25	05/21/25	28	4.00	8.00	1.00	12.57	146.4	5	67,510	5,370	5,370	
D	8.53	04/23/25	05/21/25	28	4.00	8.00	1.00	12.57	146.6	5	70,010	5,570	5,570	

Specimen E, Cast on 04/23/25 has not been tested.

Test Location: Manhole, New Haven point manhole #2&3

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-05-23-12-28C

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

Date: 04/25/25

Job No: 197131.12C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.50
Truck No.	44	Ambient Air Temp. (F):	46
Ticket No.	86759979	Mix Temp. (F):	70
Mix Design No.:	T345921	Air Content (%):	5.8
Sampled By:	Adam Albertson	Wet Density (PCF):	142.2
Batch Time:	8:19 am	Water added (gal - UNO):	0
Time of Test:	9:10 am	Specified Strength (psi):	4,500
Time in Truck:	51 min		
Comments:			

Compressive Strengths

Project Set No.: 12

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.26	04/25/25	05/02/25	7	4.00	8.00	1.00	12.57	141.9	5	50,730	4,040	4,040	4,040
B	8.30	04/25/25	05/23/25	28	4.00	8.00	1.00	12.57	142.6	5	56,900	4,530	4,530	4,850
C	8.34	04/25/25	05/23/25	28	4.00	8.00	1.00	12.57	143.3	3	63,140	5,020	5,020	
D	8.31	04/25/25	05/23/25	28	4.00	8.00	1.00	12.57	142.8	5	63,010	5,010	5,010	

Specimen E, Cast on 04/25/25 has not been tested.

Test Location: Storm Drain/Inlet, Hawk haven view @ storm drain #2

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2025-05-29-13-28C-REV-1

Date: 05/01/25

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

Job No: 197131.13C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.00
Truck No.	62	Ambient Air Temp. (F):	50
Ticket No.	86527750	Mix Temp. (F):	79
Mix Design No.:	T345921	Air Content (%):	7.0
Sampled By:	Adam Albertson	Wet Density (PCF):	140.8
Batch Time:	2:10 pm	Water added (gal - UNO):	0
Time of Test:	3:10 pm	Specified Strength (psi):	4,500
Time in Truck:	60 min		
Comments:			

Compressive Strengths

Project Set No.: 13

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.06	05/01/25	05/08/25	7	4.00	8.00	1.00	12.57	138.5	5	42,330	3,370	3,370	3,370
B	8.14	05/01/25	05/29/25	28	4.00	8.00	1.00	12.57	139.9	5	51,870	4,130	4,130	4,080
C	8.17	05/01/25	05/29/25	28	4.00	8.00	1.00	12.57	140.4	5	50,710	4,030	4,030	
D	8.12	05/01/25	05/29/25	28	4.00	8.00	1.00	12.57	139.5	5	51,340	4,080	4,080	

Specimen E, Cast on 05/01/25 has not been tested.

Revision Notes: Revise design strength

Test Location: Storm Drain/Inlet, Hawk Haven View STA15+60 SD#2

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-02-14-28C

Date: 05/05/25

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

Job No: 197131.14C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	2.50
Truck No.	383	Ambient Air Temp. (F):	49
Ticket No.	86760099	Mix Temp. (F):	72
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Adam Albertson	Wet Density (PCF):	143.1
Batch Time:	8:09 am	Water added (gal - UNO):	0
Time of Test:	8:40 am	Specified Strength (psi):	4,500
Time in Truck:	31 min		
Comments:			

Compressive Strengths

Project Set No.: 14

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.41	05/05/25	05/12/25	7	4.00	8.00	1.00	12.57	144.5	5	56,620	4,500	4,500	4,500
B	8.39	05/05/25	06/02/25	28	4.00	8.00	1.00	12.57	144.2	5	70,060	5,570	5,570	5,710
C	8.42	05/05/25	06/02/25	28	4.00	8.00	1.00	12.57	144.7	5	75,530	6,010	6,010	
D	8.41	05/05/25	06/02/25	28	4.00	8.00	1.00	12.57	144.5	5	69,580	5,540	5,540	

Specimen E, Cast on 05/05/25 has not been tested.

Test Location: Manhole, New Haven Point Sd#7

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-07-15-28C

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

Date: 05/10/25

Job No: 197131.15C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	2.50
Truck No.	72	Ambient Air Temp. (F):	60
Ticket No.	86760144	Mix Temp. (F):	75
Mix Design No.:	T346821	Air Content (%):	5.0
Sampled By:	Justin Weyant	Wet Density (PCF):	142.7
Batch Time:	8:19 am	Water added (gal - UNO):	0
Time of Test:	9:07 am	Specified Strength (psi):	4,500
Time in Truck:	48 min		
Comments:			

Compressive Strengths

Project Set No.: 15

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.40	05/10/25	05/17/25	7	4.00	8.00	1.00	12.57	144.3	5	49,200	3,910	3,910	3,910
B	8.45	05/10/25	06/07/25	28	4.00	8.00	1.00	12.57	145.2	5	64,020	5,090	5,090	4,860
C	8.43	05/10/25	06/07/25	28	4.00	8.00	1.00	12.57	144.9	5	58,400	4,650	4,650	
D	8.41	05/10/25	06/07/25	28	4.00	8.00	1.00	12.57	144.5	5	60,960	4,850	4,850	

Specimen E, Cast on 05/10/25 has not been tested.

Test Location: C&G, Cable Lane STA 6+50

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-10-16-28C

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

Date: 05/13/25

Job No: 197131.16C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.00
Truck No.	86	Ambient Air Temp. (F):	73
Ticket No.	86760162	Mix Temp. (F):	72
Mix Design No.:	T345921	Air Content (%):	5.5
Sampled By:	Adam Albertson	Wet Density (PCF):	141.8
Batch Time:	8:22 am	Water added (gal - UNO):	0
Time of Test:	9:00 am	Specified Strength (psi):	4,500
Time in Truck:	38 min		
Comments:			

Compressive Strengths

Project Set No.: 16

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.30	05/13/25	05/20/25	7	4.00	8.00	1.00	12.57	142.6	5	47,560	3,780	3,780	3,780
B	8.34	05/13/25	06/10/25	28	4.00	8.00	1.00	12.57	143.3	5	63,160	5,020	5,020	4,920
C	8.33	05/13/25	06/10/25	28	4.00	8.00	1.00	12.57	143.1	5	59,590	4,740	4,740	
D	8.30	05/13/25	06/10/25	28	4.00	8.00	1.00	12.57	142.6	5	62,800	5,000	5,000	

Specimen E, Cast on 05/13/25 has not been tested.

Test Location: Storm Drain/Inlet, New Haven point SD#6

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-07-09-17-56C

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

Date: 05/14/25

Job No: 197131.17C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.00
Truck No.	352	Ambient Air Temp. (F):	76
Ticket No.	86760212	Mix Temp. (F):	80
Mix Design No.:	T345921	Air Content (%):	6.8
Sampled By:	Adam Albertson	Wet Density (PCF):	138.2
Batch Time:	1:32 pm	Water added (gal - UNO):	0
Time of Test:	2:10 pm	Specified Strength (psi):	4,500
Time in Truck:	38 min		
Comments:			

Compressive Strengths

Project Set No.: 17

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.12	05/14/25	05/21/25	7	4.00	8.00	1.00	12.57	139.5	5	36,240	2,880	2,880	2,880
B	8.19	05/14/25	06/11/25	28	4.00	8.00	1.00	12.57	140.7	5	47,150	3,750	3,750	3,680
C	8.21	05/14/25	06/11/25	28	4.00	8.00	1.00	12.57	141.1	5	45,280	3,600	3,600	
D	8.19	05/14/25	07/09/25	56	4.00	8.00	1.00	12.57	140.7	5	52,540	4,180	4,180	4,280
E	8.16	05/14/25	07/09/25	56	4.00	8.00	1.00	12.57	140.2	5	55,030	4,380	4,380	

Test Location: Storm Drain/Inlet, Hawk haven view sta#13+50 @ SD#3

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-17-18-28C

Date: 05/20/25

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

Job No: 197131.18C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.50
Truck No.	168	Ambient Air Temp. (F):	50
Ticket No.	86528086	Mix Temp. (F):	72
Mix Design No.:	T34592110	Air Content (%):	5.0
Sampled By:	Adam Albertson	Wet Density (PCF):	14.2
Batch Time:	8:17 am	Water added (gal - UNO):	0
Time of Test:	9:20 am	Specified Strength (psi):	4,500
Time in Truck:	63 min		
Comments:			

Compressive Strengths

Project Set No.: 18

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.35	05/20/25	05/27/25	7	4.00	8.00	1.00	12.57	143.5	3	52,180	4,150	4,150	4,150
B	8.38	05/20/25	06/17/25	28	4.00	8.00	1.00	12.57	144.0	5	61,650	4,900	4,900	4,840
C	8.39	05/20/25	06/17/25	28	4.00	8.00	1.00	12.57	144.2	5	57,840	4,600	4,600	
D	8.38	05/20/25	06/17/25	28	4.00	8.00	1.00	12.57	144.0	5	62,970	5,010	5,010	

Specimen E, Cast on 05/20/25 has not been tested.

Test Location: C&G, Cable In sta#8+75 25' right of cl

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-18-19-28C

Date: 05/21/25

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

Job No: 197131.19C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	5.00
Truck No.	35	Ambient Air Temp. (F):	52
Ticket No.	86528134	Mix Temp. (F):	75
Mix Design No.:	T34592110	Air Content (%):	5.5
Sampled By:	Adam Albertson	Wet Density (PCF):	14.2
Batch Time:	8:23 am	Water added (gal - UNO):	0
Time of Test:	9:17 am	Specified Strength (psi):	4,500
Time in Truck:	54 min		
Comments:			

Compressive Strengths

Project Set No.: 19

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.31	05/21/25	05/28/25	7	4.00	8.00	1.00	12.57	142.8	5	51,650	4,110	4,110	4,110
B	8.31	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	142.8	5	58,790	4,680	4,680	4,820
C	8.32	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	143.0	5	63,070	5,020	5,020	
D	8.32	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	143.0	5	59,860	4,760	4,760	

Specimen E, Cast on 05/21/25 has not been tested.

Test Location: C&G, Cable In 20' right of sta# 7+00

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-18-20-28C

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

Date: 05/21/25

Job No: 197131.20C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.50
Truck No.	35	Ambient Air Temp. (F):	70
Ticket No.	86528159	Mix Temp. (F):	75
Mix Design No.:	T34592110	Air Content (%):	5.2
Sampled By:	Adam Albertson	Wet Density (PCF):	14.3
Batch Time:	12:16 pm	Water added (gal - UNO):	0
Time of Test:	1:05 pm	Specified Strength (psi):	4,500
Time in Truck:	49 min		
Comments:			

Compressive Strengths

Project Set No.: 20

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.35	05/21/25	05/28/25	7	4.00	8.00	1.00	12.57	143.5	5	45,470	3,620	3,620	3,620
B	8.33	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	143.1	5	57,350	4,560	4,560	4,640
C	8.33	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	143.1	5	60,100	4,780	4,780	
D	8.37	05/21/25	06/18/25	28	4.00	8.00	1.00	12.57	143.8	5	57,720	4,590	4,590	

Specimen E, Cast on 05/21/25 has not been tested.

Test Location: C&G, 20’ left of cable lane Sta# 7+35

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-07-17-21-56C

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

Date: 05/22/25

Job No: 197131.21C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	4.50
Truck No.	383	Ambient Air Temp. (F):	68
Ticket No.	86528191	Mix Temp. (F):	72
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	141.2
Batch Time:	11:16 am	Water added (gal - UNO):	10
Time of Test:	12:00 pm	Specified Strength (psi):	4,500
Time in Truck:	44 min		
Comments:			

Compressive Strengths

Project Set No.: 21

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.34	05/22/25	05/29/25	7	4.00	8.00	1.00	12.57	143.3	5	39,770	3,160	3,160	3,160
B	8.34	05/22/25	06/19/25	28	4.00	8.00	1.00	12.57	143.3	5	56,410	4,490	4,490	4,220
C	8.25	05/22/25	06/19/25	28	4.00	8.00	1.00	12.57	141.8	5	49,750	3,960	3,960	
D	8.38	05/22/25	07/17/25	56	4.00	8.00	1.00	12.57	144.0	5	62,680	4,990	4,990	4,940
E	8.39	05/22/25	07/17/25	56	4.00	8.00	1.00	12.57	144.2	5	61,620	4,900	4,900	

Test Location: C&G, Ne corner of Alturas dr and cable ln

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-06-30-22-28C

Date: 06/02/25

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

Job No: 197131.22C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	2.00
Truck No.	50	Ambient Air Temp. (F):	77
Ticket No.	86633294	Mix Temp. (F):	84
Mix Design No.:	T345921	Air Content (%):	5.1
Sampled By:	Alex Walton	Wet Density (PCF):	141.6
Batch Time:	1:05 pm	Water added (gal - UNO):	0
Time of Test:	2:00 pm	Specified Strength (psi):	4,500
Time in Truck:	55 min		
Comments:			

Compressive Strengths

Project Set No.: 22

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.45	06/02/25	06/09/25	7	4.00	8.00	1.00	12.57	145.2	5	56,320	4,480	4,480	4,480
B	8.39	06/02/25	06/30/25	28	4.00	8.00	1.00	12.57	144.2	5	62,550	4,980	4,980	5,360
C	8.38	06/02/25	06/30/25	28	4.00	8.00	1.00	12.57	144.0	5	70,960	5,650	5,650	
D	8.46	06/02/25	06/30/25	28	4.00	8.00	1.00	12.57	145.4	5	68,570	5,460	5,460	

Specimen E, Cast on 06/02/25 has not been tested.

Test Location: Manhole, Pond sw corner of site

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-08-22-23-56C

Date: 06/27/25

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

Job No: 197131.23C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	1.50
Truck No.	351	Ambient Air Temp. (F):	65
Ticket No.	71400216	Mix Temp. (F):	80
Mix Design No.:	T34002110	Air Content (%):	5.1
Sampled By:	Thomas Elder	Wet Density (PCF):	142.2
Batch Time:	8:50 am	Water added (gal - UNO):	0
Time of Test:	10:00 am	Specified Strength (psi):	4,500
Time in Truck:	70 min		
Comments:			

Compressive Strengths

Project Set No.: 23

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.29	06/27/25	07/07/25	10	4.00	8.00	1.00	12.57	142.5	5	47,550	3,780	3,780	3,780
B	8.28	06/27/25	07/25/25	28	4.00	8.00	1.00	12.57	142.3	5	53,190	4,230	4,230	4,280
C	8.26	06/27/25	07/25/25	28	4.00	8.00	1.00	12.57	141.9	5	54,540	4,340	4,340	
D	8.26	06/27/25	08/22/25	56	4.00	8.00	1.00	12.57	141.9	5	63,500	5,050	5,050	5,140
E	8.34	06/27/25	08/22/25	56	4.00	8.00	1.00	12.57	143.3	5	65,580	5,220	5,220	

Test Location: C&G, South side of deer haven

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-07-25-24-28C

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

Date: 06/27/25

Job No: 197131.24C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	1.25
Truck No.	3170	Ambient Air Temp. (F):	65
Ticket No.	86528895	Mix Temp. (F):	82
Mix Design No.:	T34002110	Air Content (%):	5.0
Sampled By:	Thomas Elder	Wet Density (PCF):	145.0
Batch Time:	10:00 pm	Water added (gal - UNO):	0
Time of Test:	11:59 pm	Specified Strength (psi):	4,500
Time in Truck:	119 min		
Comments:			

Compressive Strengths

Project Set No.: 24

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.39	06/27/25	07/07/25	10	4.00	8.00	1.00	12.57	144.2	5	47,890	3,810	3,810	3,810
B	8.41	06/27/25	07/25/25	28	4.00	8.00	1.00	12.57	144.5	5	55,170	4,390	4,390	4,500
C	8.36	06/27/25	07/25/25	28	4.00	8.00	1.00	12.57	143.7	5	57,830	4,600	4,600	
D	8.40	06/27/25	07/25/25	28	4.00	8.00	1.00	12.57	144.3	5	56,670	4,510	4,510	

Specimen E, Cast on 06/27/25 has not been tested.

Test Location: C&G, Hawk haven west side

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-07-29-25-28C

Date: 07/01/25

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

Job No: 197131.25C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	8	Ambient Air Temp. (F):	64
Ticket No.	86528987	Mix Temp. (F):	78
Mix Design No.:	T34592110	Air Content (%):	5.7
Sampled By:	Thomas Elder	Wet Density (PCF):	141.8
Batch Time:	7:25 am	Water added (gal - UNO):	0
Time of Test:	8:20 am	Specified Strength (psi):	4,500
Time in Truck:	55 min		
Comments:			

Compressive Strengths

Project Set No.: 25

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.27	07/01/25	07/08/25	7	4.00	8.00	1.00	12.57	142.1	5	47,630	3,790	3,790	3,790
B	8.28	07/01/25	07/29/25	28	4.00	8.00	1.00	12.57	142.3	5	62,730	4,990	4,990	4,890
C	8.28	07/01/25	07/29/25	28	4.00	8.00	1.00	12.57	142.3	5	61,960	4,930	4,930	
D	8.30	07/01/25	07/29/25	28	4.00	8.00	1.00	12.57	142.6	5	59,610	4,740	4,740	

Specimen E, Cast on 07/01/25 has not been tested.

Test Location: Crosspan, Hawk haven vw x heavenward vw

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-08-27-26-56C

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

Date: 07/02/25

Job No: 197131.26C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	7.00
Truck No.	71	Ambient Air Temp. (F):	64
Ticket No.	71400437	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	5.7
Sampled By:	Thomas Elder	Wet Density (PCF):	139.4
Batch Time:	7:08 am	Water added (gal - UNO):	0
Time of Test:	8:20 am	Specified Strength (psi):	4,500
Time in Truck:	72 min		
Comments:			

Compressive Strengths

Project Set No.: 26

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.11	07/02/25	07/09/25	7	4.00	8.00	1.00	12.57	139.4	5	44,890	3,570	3,570	3,570
B	8.05	07/02/25	07/30/25	28	4.00	8.00	1.00	12.57	138.3	5	50,460	4,010	4,010	3,980
C	8.13	07/02/25	07/30/25	28	4.00	8.00	1.00	12.57	139.7	5	49,790	3,960	3,960	
D	8.17	07/02/25	08/27/25	56	4.00	8.00	1.00	12.57	140.4	5	57,020	4,540	4,540	4,560
E	8.08	07/02/25	08/27/25	56	4.00	8.00	1.00	12.57	138.8	5	57,530	4,580	4,580	

Test Location: Crosspan, Heavenward x haven cove pt

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-07-31-27-28C

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

Date: 07/03/25

Job No: 197131.27C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.75
Truck No.	20	Ambient Air Temp. (F):	67
Ticket No.	86760649	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	5.9
Sampled By:	Thomas Elder	Wet Density (PCF):	142.6
Batch Time:	7:24 am	Water added (gal - UNO):	0
Time of Test:	8:20 am	Specified Strength (psi):	4,500
Time in Truck:	56 min		
Comments:			

Compressive Strengths

Project Set No.: 27

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.24	07/03/25	07/10/25	7	4.00	8.00	1.00	12.57	141.6	5	50,890	4,050	4,050	4,050
B	8.21	07/03/25	07/31/25	28	4.00	8.00	1.00	12.57	141.1	5	57,780	4,600	4,600	4,510
C	8.20	07/03/25	07/31/25	28	4.00	8.00	1.00	12.57	140.9	5	58,400	4,650	4,650	
D	8.23	07/03/25	07/31/25	28	4.00	8.00	1.00	12.57	141.4	5	53,950	4,290	4,290	

Specimen E, Cast on 07/03/25 has not been tested.

Test Location: C&G, Deer haven x haven cove pt

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-08-07-28-28C

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

Date: 07/10/25

Job No: 197131.28C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	1.25
Truck No.	346	Ambient Air Temp. (F):	86
Ticket No.	86760729	Mix Temp. (F):	90
Mix Design No.:	T34592110	Air Content (%):	5.0
Sampled By:	Thomas Elder	Wet Density (PCF):	142.0
Batch Time:	2:20 pm	Water added (gal - UNO):	0
Time of Test:	3:20 pm	Specified Strength (psi):	4,500
Time in Truck:	60 min		
Comments:			

Compressive Strengths

Project Set No.: 28

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.33	07/10/25	07/17/25	7	4.00	8.00	1.00	12.57	143.1	5	44,000	3,500	3,500	3,500
B	8.38	07/10/25	08/07/25	28	4.00	8.00	1.00	12.57	144.0	5	64,560	5,140	5,140	4,970
C	8.30	07/10/25	08/07/25	28	4.00	8.00	1.00	12.57	142.6	5	61,480	4,890	4,890	
D	8.31	07/10/25	08/07/25	28	4.00	8.00	1.00	12.57	142.8	5	61,350	4,880	4,880	

Specimen E, Cast on 07/10/25 has not been tested.

Test Location: Manhole, Widefield x pecos

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-09-29-56C

Date: 07/15/25

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

Job No: 197131.29C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	7.00
Truck No.	347	Ambient Air Temp. (F):	90
Ticket No.	71401020	Mix Temp. (F):	85
Mix Design No.:	T34592110	Air Content (%):	6.6
Sampled By:	Thomas Elder	Wet Density (PCF):	141.0
Batch Time:	2:09 pm	Water added (gal - UNO):	0
Time of Test:	3:25 pm	Specified Strength (psi):	4,500
Time in Truck:	76 min		
Comments:			

Compressive Strengths

Project Set No.: 29

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.08	07/15/25	07/22/25	7	4.00	8.00	1.00	12.57	138.8	5	39,900	3,170	3,170	3,170
B	8.14	07/15/25	08/12/25	28	4.00	8.00	1.00	12.57	139.9	5	47,610	3,790	3,790	3,770
C	8.14	07/15/25	08/12/25	28	4.00	8.00	1.00	12.57	139.9	5	47,110	3,750	3,750	
D	8.15	07/15/25	09/09/25	56	4.00	8.00	1.00	12.57	140.0	5	56,940	4,530	4,530	4,500
E	8.17	07/15/25	09/09/25	56	4.00	8.00	1.00	12.57	140.4	5	56,120	4,460	4,460	

Test Location: Wall, Hold back wall for detention pond

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-10-30-56C

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

Date: 07/16/25

Job No: 197131.30C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	352	Ambient Air Temp. (F):	83
Ticket No.	86529473	Mix Temp. (F):	87
Mix Design No.:	T34592110	Air Content (%):	6.8
Sampled By:	Jason Stockley	Wet Density (PCF):	139.0
Batch Time:	2:11 pm	Water added (gal - UNO):	0
Time of Test:	3:04 pm	Specified Strength (psi):	4,500
Time in Truck:	53 min		
Comments:			

Compressive Strengths

Project Set No.: 30

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.26	07/16/25	07/23/25	7	4.00	8.00	1.00	12.57	141.9	5	42,050	3,350	3,350	3,350
B	8.17	07/16/25	08/13/25	28	4.00	8.00	1.00	12.57	140.4	5	49,510	3,940	3,940	3,890
C	8.18	07/16/25	08/13/25	28	4.00	8.00	1.00	12.57	140.6	5	48,210	3,840	3,840	
D	8.20	07/16/25	09/10/25	56	4.00	8.00	1.00	12.57	140.9	5	54,100	4,300	4,300	4,520
E	8.23	07/16/25	09/10/25	56	4.00	8.00	1.00	12.57	141.4	5	59,770	4,750	4,750	

Test Location: Storm Drain/Inlet, Storm drain inlet in front of 416 Pecos Dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-08-15-31-28C

Date: 07/18/25

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

Job No: 197131.31C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	166	Ambient Air Temp. (F):	77
Ticket No.	86529550	Mix Temp. (F):	85
Mix Design No.:	T345921	Air Content (%):	5.0
Sampled By:	Justin Weyant	Wet Density (PCF):	144.7
Batch Time:	10:12 am	Water added (gal - UNO):	0
Time of Test:	10:51 am	Specified Strength (psi):	4,500
Time in Truck:	39 min		
Comments:			

Compressive Strengths

Project Set No.: 31

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.42	07/18/25	07/25/25	7	4.00	8.00	1.00	12.57	144.7	5	54,640	4,350	4,350	4,350
B	8.37	07/18/25	08/15/25	28	4.00	8.00	1.00	12.57	143.8	5	62,500	4,970	4,970	5,010
C	8.42	07/18/25	08/15/25	28	4.00	8.00	1.00	12.57	144.7	5	64,620	5,140	5,140	
D	8.39	07/18/25	08/15/25	28	4.00	8.00	1.00	12.57	144.2	5	61,920	4,930	4,930	

Specimen E, Cast on 07/18/25 has not been tested.

Test Location: Storm Drain/Inlet, 408 Pecos Drive (inlet in front of home)

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-15-32-56C

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

Date: 07/21/25

Job No: 197131.32C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.50
Truck No.	63	Ambient Air Temp. (F):	93
Ticket No.	86760861	Mix Temp. (F):	83
Mix Design No.:	T34592110	Air Content (%):	6.6
Sampled By:	Thomas Elder	Wet Density (PCF):	141.0
Batch Time:	2:12 pm	Water added (gal - UNO):	0
Time of Test:	3:00 pm	Specified Strength (psi):	4,500
Time in Truck:	48 min		
Comments:			

Compressive Strengths

Project Set No.: 32

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.16	07/21/25	07/28/25	7	4.00	8.00	1.00	12.57	140.2	5	42,100	3,350	3,350	3,350
B	8.19	07/21/25	08/18/25	28	4.00	8.00	1.00	12.57	140.7	5	53,400	4,250	4,250	4,270
C	8.15	07/21/25	08/18/25	28	4.00	8.00	1.00	12.57	140.0	5	53,880	4,290	4,290	
D	8.20	07/21/25	09/15/25	56	4.00	8.00	1.00	12.57	140.9	5	60,290	4,800	4,800	4,780
E	8.18	07/21/25	09/15/25	56	4.00	8.00	1.00	12.57	140.6	5	59,840	4,760	4,760	

Test Location: Inlet, Widefield x pecos north inlet

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-08-27-33-28C

Date: 07/30/25

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

Job No: 197131.33C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	3.50
Truck No.	353	Ambient Air Temp. (F):	76
Ticket No.	86529883	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	6.5
Sampled By:	Stephen Barela	Wet Density (PCF):	140.0
Batch Time:	11:46 am	Water added (gal - UNO):	0
Time of Test:	12:39 pm	Specified Strength (psi):	4,500
Time in Truck:	53 min		
Comments:			

Compressive Strengths

Project Set No.: 33

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.40	07/30/25	08/06/25	7	4.00	8.00	1.00	12.57	144.3	5	22,110	1,760	1,760	1,760
B	8.30	07/30/25	08/27/25	28	4.00	8.00	1.00	12.57	142.6	5	61,190	4,870	4,870	4,840
C	8.35	07/30/25	08/27/25	28	4.00	8.00	1.00	12.57	143.5	5	61,270	4,870	4,870	
D	8.35	07/30/25	08/27/25	28	4.00	8.00	1.00	12.57	143.5	5	60,130	4,780	4,780	

Specimen E, Cast on 07/30/25 has not been tested.

Test Location: Sidewalk, 15's from SW corner of driveway 1633 Widefield Dr

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-26-34-56C

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

Date: 08/01/25

Job No: 197131.34C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	7.25
Truck No.	62	Ambient Air Temp. (F):	62
Ticket No.	86529953	Mix Temp. (F):	76
Mix Design No.:	T34592110	Air Content (%):	7.3
Sampled By:	Stephen Barela	Wet Density (PCF):	138.6
Batch Time:	8:56 am	Water added (gal - UNO):	0
Time of Test:	9:30 am	Specified Strength (psi):	4,500
Time in Truck:	34 min		
Comments:			

Compressive Strengths

Project Set No.: 34

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	7.98	08/01/25	08/08/25	7	4.00	8.00	1.00	12.57	137.1	5	38,630	3,070	3,070	3,070
B	8.03	08/01/25	08/29/25	28	4.00	8.00	1.00	12.57	138.0	3	44,710	3,560	3,560	3,630
C	8.09	08/01/25	08/29/25	28	4.00	8.00	1.00	12.57	139.0	3	46,450	3,700	3,700	
D	8.10	08/01/25	09/26/25	56	4.00	8.00	1.00	12.57	139.2	5	52,520	4,180	4,180	4,060
E	8.04	08/01/25	09/26/25	56	4.00	8.00	1.00	12.57	138.2	5	49,560	3,940	3,940	

Test Location: Sidewalk, 1629 Widefield dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-30-35-56C

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

Date: 08/05/25

Job No: 197131.35C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	383	Ambient Air Temp. (F):	91
Ticket No.	86530072	Mix Temp. (F):	85
Mix Design No.:	T345921	Air Content (%):	7.2
Sampled By:	Justin Weyant	Wet Density (PCF):	139.6
Batch Time:	12:14 pm	Water added (gal - UNO):	0
Time of Test:	1:07 pm	Specified Strength (psi):	4,500
Time in Truck:	53 min		
Comments:			

Compressive Strengths

Project Set No.: 35

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.17	08/05/25	08/12/25	7	4.00	8.00	1.00	12.57	140.4	5	38,720	3,080	3,080	3,080
B	8.14	08/05/25	09/02/25	28	4.00	8.00	1.00	12.57	139.9	5	48,190	3,830	3,830	3,880
C	8.20	08/05/25	09/02/25	28	4.00	8.00	1.00	12.57	140.9	5	49,510	3,940	3,940	
D	8.13	08/05/25	09/30/25	56	4.00	8.00	1.00	12.57	139.7	5	53,080	4,220	4,220	4,350
E	8.17	08/05/25	09/30/25	56	4.00	8.00	1.00	12.57	140.4	5	56,320	4,480	4,480	

Test Location: Sidewalk, 1625 Widefield Drive

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-01-36-56C

Date: 08/06/25

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

Job No: 197131.36C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.50
Truck No.	348	Ambient Air Temp. (F):	94
Ticket No.	86530159	Mix Temp. (F):	86
Mix Design No.:	T34592110	Air Content (%):	5.3
Sampled By:	Thomas Elder	Wet Density (PCF):	143.4
Batch Time:	1:16 pm	Water added (gal - UNO):	0
Time of Test:	2:05 pm	Specified Strength (psi):	4,500
Time in Truck:	49 min		
Comments:			

Compressive Strengths

Project Set No.: 36

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.42	08/06/25	08/13/25	7	4.00	8.00	1.00	12.57	144.7	5	47,820	3,800	3,800	3,800
B	8.39	08/06/25	09/03/25	28	4.00	8.00	1.00	12.57	144.2	5	53,860	4,280	4,280	4,350
C	8.32	08/06/25	09/03/25	28	4.00	8.00	1.00	12.57	143.0	5	55,540	4,420	4,420	
D	8.40	08/06/25	10/01/25	56	4.00	8.00	1.00	12.57	144.3	5	60,330	4,800	4,800	4,960
E	8.35	08/06/25	10/01/25	56	4.00	8.00	1.00	12.57	143.5	5	64,500	5,130	5,130	

Test Location: Sidewalk, Sidewalk In front of 1621 Widefield dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-04-37-28C

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

Date: 08/07/25

Job No: 197131.37C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	2.00
Truck No.	53	Ambient Air Temp. (F):	80
Ticket No.	71402291	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	6.2
Sampled By:	Thomas Elder	Wet Density (PCF):	140.6
Batch Time:	8:12 am	Water added (gal - UNO):	0
Time of Test:	9:10 am	Specified Strength (psi):	4,500
Time in Truck:	58 min		
Comments:			

Compressive Strengths

Project Set No.: 37

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.28	08/07/25	08/14/25	7	4.00	8.00	1.00	12.57	142.3	5	49,770	3,960	3,960	3,960
B	8.29	08/07/25	09/04/25	28	4.00	8.00	1.00	12.57	142.5	5	63,780	5,070	5,070	4,980
C	8.25	08/07/25	09/04/25	28	4.00	8.00	1.00	12.57	141.8	5	61,210	4,870	4,870	
D	8.25	08/07/25	09/04/25	28	4.00	8.00	1.00	12.57	141.8	5	62,770	4,990	4,990	

Specimen E, Cast on 08/07/25 has not been tested.

Test Location: Manhole, Widefield x pecos N manhole

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-03-38-56C

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

Date: 08/08/25

Job No: 197131.38C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	29	Ambient Air Temp. (F):	83
Ticket No.	86760986	Mix Temp. (F):	86
Mix Design No.:	T34592110	Air Content (%):	6.2
Sampled By:	Thomas Elder	Wet Density (PCF):	142.6
Batch Time:	9:32 am	Water added (gal - UNO):	0
Time of Test:	10:20 am	Specified Strength (psi):	4,500
Time in Truck:	48 min		
Comments:			

Compressive Strengths

Project Set No.: 38

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.25	08/08/25	08/15/25	7	4.00	8.00	1.00	12.57	141.8	5	46,540	3,700	3,700	3,700
B	8.32	08/08/25	09/05/25	28	4.00	8.00	1.00	12.57	143.0	3	53,920	4,290	4,290	4,240
C	8.28	08/08/25	09/05/25	28	4.00	8.00	1.00	12.57	142.3	5	52,540	4,180	4,180	
D	8.27	08/08/25	10/03/25	56	4.00	8.00	1.00	12.57	142.1	5	62,510	4,970	4,970	4,880
E	8.26	08/08/25	10/03/25	56	4.00	8.00	1.00	12.57	141.9	5	60,370	4,800	4,800	

Test Location: Sidewalk, Sidewalk in front of 412 pecos dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-07-39-56C

Date: 08/12/25

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

Job No: 197131.39C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	86	Ambient Air Temp. (F):	75
Ticket No.	86761059	Mix Temp. (F):	80
Mix Design No.:	T345921	Air Content (%):	8.0
Sampled By:	Adam Albertson	Wet Density (PCF):	137.4
Batch Time:	9:25 am	Water added (gal - UNO):	0
Time of Test:	10:00 am	Specified Strength (psi):	4,500
Time in Truck:	35 min		
Comments:			

Compressive Strengths

Project Set No.: 39

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.08	08/12/25	08/19/25	7	4.00	8.00	1.00	12.57	138.8	5	37,420	2,980	2,980	2,980
B	8.13	08/12/25	09/09/25	28	4.00	8.00	1.00	12.57	139.7	5	39,420	3,140	3,140	3,300
C	8.06	08/12/25	09/09/25	28	4.00	8.00	1.00	12.57	138.5	5	43,600	3,470	3,470	
D	8.12	08/12/25	10/07/25	56	4.00	8.00	1.00	12.57	139.5	5	51,920	4,130	4,130	4,080
E	8.11	08/12/25	10/07/25	56	4.00	8.00	1.00	12.57	139.4	5	50,550	4,020	4,020	

Test Location: Sidewalk, 416 Pecos dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2025-10-08-40-56C-REV-1

Date: 08/13/25

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

Job No: 197131.40C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	22	Ambient Air Temp. (F):	90
Ticket No.	86530383	Mix Temp. (F):	82
Mix Design No.:	T34592110	Air Content (%):	5.1
Sampled By:	Stephen Barela	Wet Density (PCF):	141.4
Batch Time:	1:20 pm	Water added (gal - UNO):	0
Time of Test:	2:15 pm	Specified Strength (psi):	4,500
Time in Truck:	55 min		
Comments:			

Compressive Strengths

Project Set No.: 40

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.34	08/13/25	08/20/25	7	4.00	8.00	1.00	12.57	143.3	5	41,190	3,280	3,280	3,280
B	8.37	08/13/25	09/10/25	28	4.00	8.00	1.00	12.57	143.8	5	49,110	3,910	3,910	3,780
C	8.46	08/13/25	09/10/25	28	4.00	8.00	1.00	12.57	145.4	5	45,850	3,650	3,650	
D	8.48	08/13/25	10/08/25	56	4.00	8.00	1.00	12.57	145.7	5	54,940	4,370	4,370	4,290
E	8.51	08/13/25	10/08/25	56	4.00	8.00	1.00	12.57	146.2	3	52,920	4,210	4,210	

Revision Notes: revise design PSI

Test Location: Storm Drain/Inlet, 1605 Widefield dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-12-41-28C

Date: 08/15/25

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

Job No: 197131.41C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.50
Truck No.	62	Ambient Air Temp. (F):	83
Ticket No.	86761174	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	5.0
Sampled By:	Thomas Elder	Wet Density (PCF):	143.8
Batch Time:	10:14 am	Water added (gal - UNO):	0
Time of Test:	10:55 am	Specified Strength (psi):	4,500
Time in Truck:	41 min		
Comments:			

Compressive Strengths

Project Set No.: 41

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.35	08/15/25	08/22/25	7	4.00	8.00	1.00	12.57	143.5	5	48,450	3,850	3,850	3,850
B	8.42	08/15/25	09/12/25	28	4.00	8.00	1.00	12.57	144.7	5	62,720	4,990	4,990	4,990
C	8.38	08/15/25	09/12/25	28	4.00	8.00	1.00	12.57	144.0	5	64,510	5,130	5,130	
D	8.38	08/15/25	09/12/25	28	4.00	8.00	1.00	12.57	144.0	5	61,100	4,860	4,860	

Specimen E, Cast on 08/15/25 has not been tested.

Test Location: Storm Drain/Inlet, 1617 Widefield dr

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-09-15-42-28C

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

Date: 08/18/25

Job No: 197131.42C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.50
Truck No.	383	Ambient Air Temp. (F):	87
Ticket No.	86530466	Mix Temp. (F):	77
Mix Design No.:	T34592110	Air Content (%):	6.2
Sampled By:	Jason Stockley	Wet Density (PCF):	139.8
Batch Time:	2:19 pm	Water added (gal - UNO):	0
Time of Test:	3:04 pm	Specified Strength (psi):	4,500
Time in Truck:	45 min		
Comments:			

Compressive Strengths

Project Set No.: 42

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.13	08/18/25	08/25/25	7	4.00	8.00	1.00	12.57	139.7	5	46,790	3,720	3,720	3,720
B	8.25	08/18/25	09/15/25	28	4.00	8.00	1.00	12.57	141.8	5	57,070	4,540	4,540	4,630
C	8.32	08/18/25	09/15/25	28	4.00	8.00	1.00	12.57	143.0	5	61,880	4,920	4,920	
D	8.28	08/18/25	09/15/25	28	4.00	8.00	1.00	12.57	142.3	5	55,810	4,440	4,440	

Specimen E, Cast on 08/18/25 has not been tested.

Test Location: Storm Drain/Inlet, Widefield Dr - SW corner of 1617 Widefield Dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-17-43-56C

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

Date: 08/22/25

Job No: 197131.43C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	148	Ambient Air Temp. (F):	0
Ticket No.	86530566	Mix Temp. (F):	75
Mix Design No.:	T345921	Air Content (%):	6.8
Sampled By:	Adam Albertson	Wet Density (PCF):	139.9
Batch Time:	7:11 am	Water added (gal - UNO):	0
Time of Test:	8:00 am	Specified Strength (psi):	4,500
Time in Truck:	49 min		
Comments:			

Compressive Strengths

Project Set No.: 43

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.07	08/22/25	08/29/25	7	4.00	8.00	1.00	12.57	138.7	3	38,860	3,090	3,090	3,090
B	8.14	08/22/25	09/19/25	28	4.00	8.00	1.00	12.57	139.9	5	51,050	4,060	4,060	4,000
C	8.11	08/22/25	09/19/25	28	4.00	8.00	1.00	12.57	139.4	5	49,670	3,950	3,950	
D	8.15	08/22/25	10/17/25	56	4.00	8.00	1.00	12.57	140.0	5	56,520	4,500	4,500	4,500
E	8.09	08/22/25	10/17/25	56	4.00	8.00	1.00	12.57	139.0	5	56,470	4,490	4,490	

Test Location: Sidewalk, 1617 Widefield dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-03-44-56C

Date: 09/08/25

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

Job No: 197131.44C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	350	Ambient Air Temp. (F):	77
Ticket No.	71403744	Mix Temp. (F):	78
Mix Design No.:	T34592110	Air Content (%):	6.5
Sampled By:	Jason Stockley	Wet Density (PCF):	138.7
Batch Time:	10:16 am	Water added (gal - UNO):	0
Time of Test:	11:14 am	Specified Strength (psi):	4,500
Time in Truck:	58 min		
Comments:			

Compressive Strengths

Project Set No.: 44

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.17	09/08/25	09/15/25	7	4.00	8.00	1.00	12.57	140.4	5	42,880	3,410	3,410	3,410
B	8.14	09/08/25	10/06/25	28	4.00	8.00	1.00	12.57	139.9	5	48,640	3,870	3,870	3,910
C	8.19	09/08/25	10/06/25	28	4.00	8.00	1.00	12.57	140.7	5	49,710	3,950	3,950	
D	8.19	09/08/25	11/03/25	56	4.00	8.00	1.00	12.57	140.7	5	56,300	4,480	4,480	4,500
E	8.09	09/08/25	11/03/25	56	4.00	8.00	1.00	12.57	139.0	5	56,690	4,510	4,510	

Test Location: Storm Drain/Inlet, 1620 Widefield Dr - west inlet base

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-07-45-28C

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

Date: 09/09/25

Job No: 197131.45C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	86	Ambient Air Temp. (F):	70
Ticket No.	86530997	Mix Temp. (F):	71
Mix Design No.:	T34592110	Air Content (%):	6.8
Sampled By:	Alex Walton	Wet Density (PCF):	138.4
Batch Time:	9:47 am	Water added (gal - UNO):	0
Time of Test:	10:25 am	Specified Strength (psi):	4,500
Time in Truck:	38 min		
Comments:			

Compressive Strengths

Project Set No.: 45

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.06	09/09/25	09/16/25	7	4.00	8.00	1.00	12.57	138.5	5	49,420	3,930	3,930	3,930
B	8.11	09/09/25	10/07/25	28	4.00	8.00	1.00	12.57	139.4	5	67,390	5,360	5,360	4,910
C	8.10	09/09/25	10/07/25	28	4.00	8.00	1.00	12.57	139.2	5	59,310	4,720	4,720	
D	8.07	09/09/25	10/07/25	28	4.00	8.00	1.00	12.57	138.7	5	58,540	4,660	4,660	

Specimen E, Cast on 09/09/25 has not been tested.

Test Location: Sidewalk, STA# 7+00 right of center line cable lane side walk

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-04-46-56C

Date: 09/09/25

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

Job No: 197131.46C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.50
Truck No.	63	Ambient Air Temp. (F):	83
Ticket No.	71403884	Mix Temp. (F):	84
Mix Design No.:	T345921	Air Content (%):	7.0
Sampled By:	Justin Weyant	Wet Density (PCF):	141.6
Batch Time:	2:16 pm	Water added (gal - UNO):	0
Time of Test:	3:03 pm	Specified Strength (psi):	4,500
Time in Truck:	47 min		
Comments:			

Compressive Strengths

Project Set No.: 46

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.01	09/09/25	09/16/25	7	4.00	8.00	1.00	12.57	137.6	5	38,700	3,080	3,080	3,080
B	8.09	09/09/25	10/07/25	28	4.00	8.00	1.00	12.57	139.0	5	43,740	3,480	3,480	3,580
C	8.06	09/09/25	10/07/25	28	4.00	8.00	1.00	12.57	138.5	5	46,210	3,680	3,680	
D	8.08	09/09/25	11/04/25	56	4.00	8.00	1.00	12.57	138.8	5	57,830	4,600	4,600	4,440
E	8.05	09/09/25	11/04/25	56	4.00	8.00	1.00	12.57	138.3	5	53,840	4,280	4,280	

Test Location: Wall, North corner of driveway at 1629 Widefield Drive

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-08-47-28C

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

Date: 09/10/25

Job No: 197131.47C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.25
Truck No.	24	Ambient Air Temp. (F):	61
Ticket No.	86531084	Mix Temp. (F):	70
Mix Design No.:	T34592110	Air Content (%):	6.2
Sampled By:	Alex Walton	Wet Density (PCF):	139.6
Batch Time:	8:25 am	Water added (gal - UNO):	0
Time of Test:	9:07 am	Specified Strength (psi):	4,500
Time in Truck:	42 min		
Comments:			

Compressive Strengths

Project Set No.: 47

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.17	09/10/25	09/17/25	7	4.00	8.00	1.00	12.57	140.4	5	47,790	3,800	3,800	3,800
B	7.22	09/10/25	10/08/25	28	4.00	8.00	1.00	12.57	124.1	3	62,100	4,940	4,940	4,800
C	8.20	09/10/25	10/08/25	28	4.00	8.00	1.00	12.57	140.9	3	59,320	4,720	4,720	
D	8.23	09/10/25	10/08/25	28	4.00	8.00	1.00	12.57	141.4	3	59,580	4,740	4,740	

Specimen E, Cast on 09/10/25 has not been tested.

Test Location: Sidewalk, STA# 9+50 right of center line cable lane side walk

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-05-48-56C

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

Date: 09/10/25

Job No: 197131.48C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.75
Truck No.	7	Ambient Air Temp. (F):	82
Ticket No.	71403951	Mix Temp. (F):	76
Mix Design No.:	T345921	Air Content (%):	6.5
Sampled By:	Alex Walton	Wet Density (PCF):	138.8
Batch Time:	1:13 pm	Water added (gal - UNO):	0
Time of Test:	2:01 pm	Specified Strength (psi):	4,500
Time in Truck:	48 min		
Comments:			

Compressive Strengths

Project Set No.: 48

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.14	09/10/25	09/17/25	7	4.00	8.00	1.00	12.57	139.9	5	42,350	3,370	3,370	3,370
B	8.14	09/10/25	10/08/25	28	4.00	8.00	1.00	12.57	139.9	3	56,210	4,470	4,470	4,420
C	8.14	09/10/25	10/08/25	28	4.00	8.00	1.00	12.57	139.9	3	55,040	4,380	4,380	
D	8.14	09/10/25	11/05/25	56	4.00	8.00	1.00	12.57	139.9	5	62,480	4,970	4,970	4,920
E	8.18	09/10/25	11/05/25	56	4.00	8.00	1.00	12.57	140.6	5	61,040	4,860	4,860	

Test Location: Storm Drain/Inlet, 1616 Widefield drive inlet deck

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-06-49-56C

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

Date: 09/11/25

Job No: 197131.49C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.50
Truck No.	25	Ambient Air Temp. (F):	65
Ticket No.	71403991	Mix Temp. (F):	79
Mix Design No.:	T34592110	Air Content (%):	6.5
Sampled By:	Stephen Barela	Wet Density (PCF):	139.0
Batch Time:	8:30 am	Water added (gal - UNO):	0
Time of Test:	9:00 am	Specified Strength (psi):	4,500
Time in Truck:	30 min		
Comments:			

Compressive Strengths

Project Set No.: 49

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.01	09/11/25	09/18/25	7	4.00	8.00	1.00	12.57	137.6	5	45,060	3,580	3,580	3,580
B	8.05	09/11/25	10/09/25	28	4.00	8.00	1.00	12.57	138.3	5	45,350	3,610	3,610	3,700
C	8.07	09/11/25	10/09/25	28	4.00	8.00	1.00	12.57	138.7	5	47,780	3,800	3,800	
D	8.06	09/11/25	11/06/25	56	4.00	8.00	1.00	12.57	138.5	5	52,300	4,160	4,160	4,280
E	8.07	09/11/25	11/06/25	56	4.00	8.00	1.00	12.57	138.7	5	55,310	4,400	4,400	

Test Location: Sidewalk, Sidewalk on SE corner of Alturas and Cable

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-06-50-56C

Date: 09/11/25

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

Job No: 197131.50C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	22	Ambient Air Temp. (F):	83
Ticket No.	86531170	Mix Temp. (F):	88
Mix Design No.:	T34592110	Air Content (%):	8.0
Sampled By:	Stephen Barela	Wet Density (PCF):	1,394.0
Batch Time:	12:15 pm	Water added (gal - UNO):	6
Time of Test:	1:25 pm	Specified Strength (psi):	4,500
Time in Truck:	70 min		
Comments:			

Compressive Strengths

Project Set No.: 50

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.04	09/11/25	09/18/25	7	4.00	8.00	1.00	12.57	138.2	5	43,410	3,450	3,450	3,450
B	7.93	09/11/25	10/09/25	28	4.00	8.00	1.00	12.57	136.3	3	47,540	3,780	3,780	3,720
C	7.93	09/11/25	10/09/25	28	4.00	8.00	1.00	12.57	136.3	5	46,040	3,660	3,660	
D	7.94	09/11/25	11/06/25	56	4.00	8.00	1.00	12.57	136.4	5	51,820	4,120	4,120	4,050
E	7.91	09/11/25	11/06/25	56	4.00	8.00	1.00	12.57	135.9	5	50,060	3,980	3,980	

Test Location: Sidewalk, Sidewalk of front of 1612 Widefield Dr

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-07-51-56C

Date: 09/12/25

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

Job No: 197131.51C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.50
Truck No.	391	Ambient Air Temp. (F):	69
Ticket No.	86636761	Mix Temp. (F):	84
Mix Design No.:	T34592110	Air Content (%):	6.9
Sampled By:	Justin Weyant	Wet Density (PCF):	138.3
Batch Time:	8:19 am	Water added (gal - UNO):	0
Time of Test:	9:15 am	Specified Strength (psi):	4,500
Time in Truck:	56 min		
Comments:			

Compressive Strengths

Project Set No.: 51

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.09	09/12/25	09/19/25	7	4.00	8.00	1.00	12.57	139.0	5	47,940	3,810	3,810	3,810
B	8.10	09/12/25	10/10/25	28	4.00	8.00	1.00	12.57	139.2	3	59,030	4,700	4,700	4,490
C	8.13	09/12/25	10/10/25	28	4.00	8.00	1.00	12.57	139.7	5	53,830	4,280	4,280	
D	8.13	09/12/25	11/07/25	56	4.00	8.00	1.00	12.57	139.7	5	63,180	5,030	5,030	5,020
E	8.08	09/12/25	11/07/25	56	4.00	8.00	1.00	12.57	138.8	5	62,970	5,010	5,010	

Test Location: Sidewalk, Haven Cove Point STA 2+75 (sidewalk)

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-07-52-56C

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

Date: 09/12/25

Job No: 197131.52C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.50
Truck No.	352	Ambient Air Temp. (F):	72
Ticket No.	86531185	Mix Temp. (F):	78
Mix Design No.:	T345921	Air Content (%):	6.5
Sampled By:	Adam Albertson	Wet Density (PCF):	138.6
Batch Time:	9:45 am	Water added (gal - UNO):	0
Time of Test:	10:20 am	Specified Strength (psi):	4,500
Time in Truck:	35 min		
Comments:			

Compressive Strengths

Project Set No.: 52

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.11	09/12/25	09/19/25	7	4.00	8.00	1.00	12.57	139.4	5	45,960	3,660	3,660	3,660
B	8.11	09/12/25	10/10/25	28	4.00	8.00	1.00	12.57	139.4	5	53,990	4,300	4,300	4,140
C	8.15	09/12/25	10/10/25	28	4.00	8.00	1.00	12.57	140.0	3	49,900	3,970	3,970	
D	8.15	09/12/25	11/07/25	56	4.00	8.00	1.00	12.57	140.0	5	59,490	4,730	4,730	4,830
E	8.08	09/12/25	11/07/25	56	4.00	8.00	1.00	12.57	138.8	5	61,930	4,930	4,930	

Test Location: Sidewalk, 1620 Widefield dr

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-13-53-28C

Date: 09/15/25

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

Job No: 197131.53C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.50
Truck No.	74	Ambient Air Temp. (F):	80
Ticket No.	86636847	Mix Temp. (F):	77
Mix Design No.:	T345921	Air Content (%):	5.5
Sampled By:	Adam Albertson	Wet Density (PCF):	140.2
Batch Time:	12:43 pm	Water added (gal - UNO):	0
Time of Test:	1:15 pm	Specified Strength (psi):	4,500
Time in Truck:	32 min		
Comments:			

Compressive Strengths

Project Set No.: 53

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.15	09/15/25	09/22/25	7	4.00	8.00	1.00	12.57	140.0	5	49,090	3,910	3,910	3,910
B	8.17	09/15/25	10/13/25	28	4.00	8.00	1.00	12.57	140.4	3	58,610	4,660	4,660	5,090
C	8.23	09/15/25	10/13/25	28	4.00	8.00	1.00	12.57	141.4	3	70,300	5,590	5,590	
D	8.25	09/15/25	10/13/25	28	4.00	8.00	1.00	12.57	141.8	5	63,240	5,030	5,030	

Specimen E, Cast on 09/15/25 has not been tested.

Test Location: Driveway, 416 Pecos dr

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-14-54-28C

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

Date: 09/16/25

Job No: 197131.54C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.50
Truck No.	22	Ambient Air Temp. (F):	68
Ticket No.	86531284	Mix Temp. (F):	78
Mix Design No.:	T34592110	Air Content (%):	6.2
Sampled By:	Justin Weyant	Wet Density (PCF):	140.8
Batch Time:	8:37 am	Water added (gal - UNO):	0
Time of Test:	9:32 am	Specified Strength (psi):	4,500
Time in Truck:	55 min		
Comments:			

Compressive Strengths

Project Set No.: 54

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.23	09/16/25	09/23/25	7	4.00	8.00	1.00	12.57	141.4	5	48,790	3,880	3,880	3,880
B	8.19	09/16/25	10/14/25	28	4.00	8.00	1.00	12.57	140.7	3	58,970	4,690	4,690	4,660
C	8.21	09/16/25	10/14/25	28	4.00	8.00	1.00	12.57	141.1	5	59,690	4,750	4,750	
D	8.19	09/16/25	10/14/25	28	4.00	8.00	1.00	12.57	140.7	5	57,240	4,550	4,550	

Specimen E, Cast on 09/16/25 has not been tested.

Test Location: Sidewalk, Havenlock Point STA 23+10

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-15-55-28C

Date: 09/17/25

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

Job No: 197131.55C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	26	Ambient Air Temp. (F):	54
Ticket No.	86531321	Mix Temp. (F):	78
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	139.8
Batch Time:	8:16 am	Water added (gal - UNO):	0
Time of Test:	9:00 am	Specified Strength (psi):	4,500
Time in Truck:	44 min		
Comments:			

Compressive Strengths

Project Set No.: 55

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.21	09/17/25	09/24/25	7	4.00	8.00	1.00	12.57	141.1	5	55,890	4,450	4,450	4,450
B	8.19	09/17/25	10/15/25	28	4.00	8.00	1.00	12.57	140.7	2	66,830	5,320	5,320	5,150
C	8.23	09/17/25	10/15/25	28	4.00	8.00	1.00	12.57	141.4	3	65,840	5,240	5,240	
D	8.28	09/17/25	10/15/25	28	4.00	8.00	1.00	12.57	142.3	5	61,280	4,880	4,880	

Specimen E, Cast on 09/17/25 has not been tested.

Test Location: Sidewalk, Hawk haven view sta# 16+50 25’ right of cl

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-16-56-28C

Date: 09/18/25

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

Job No: 197131.56C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	62	Ambient Air Temp. (F):	52
Ticket No.	86531361	Mix Temp. (F):	78
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	139.4
Batch Time:	8:24 am	Water added (gal - UNO):	0
Time of Test:	9:05 am	Specified Strength (psi):	4,500
Time in Truck:	41 min		
Comments:			

Compressive Strengths

Project Set No.: 56

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.14	09/18/25	09/25/25	7	4.00	8.00	1.00	12.57	139.9	5	53,190	4,230	4,230	4,230
B	8.18	09/18/25	10/16/25	28	4.00	8.00	1.00	12.57	140.6	5	64,150	5,100	5,100	5,190
C	8.12	09/18/25	10/16/25	28	4.00	8.00	1.00	12.57	139.5	5	66,360	5,280	5,280	
D	8.15	09/18/25	10/16/25	28	4.00	8.00	1.00	12.57	140.0	5	65,180	5,190	5,190	

Specimen E, Cast on 09/18/25 has not been tested.

Test Location: Sidewalk, Hawk haven view sta#17+55 25’ left of cl

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-20-57-28C

Date: 09/22/25

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

Job No: 197131.57C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	42	Ambient Air Temp. (F):	59
Ticket No.	86531451	Mix Temp. (F):	70
Mix Design No.:	T34592110	Air Content (%):	5.5
Sampled By:	Jason Stockley	Wet Density (PCF):	140.6
Batch Time:	8:46 am	Water added (gal - UNO):	0
Time of Test:	9:30 am	Specified Strength (psi):	4,500
Time in Truck:	44 min		
Comments:			

Compressive Strengths

Project Set No.: 57

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.38	09/22/25	09/29/25	7	4.00	8.00	1.00	12.57	144.0	5	56,730	4,510	4,510	4,440
B	8.41	09/22/25	09/29/25	7	4.00	8.00	1.00	12.57	144.5	2	54,880	4,370	4,370	
C	8.41	09/22/25	10/20/25	28	4.00	8.00	1.00	12.57	144.5	5	65,520	5,210	5,210	5,300
D	8.44	09/22/25	10/20/25	28	4.00	8.00	1.00	12.57	145.0	5	67,600	5,380	5,380	

Specimen E, Cast on 09/22/25 has not been tested.

Test Location: Sidewalk, Hawkhaven View STA 17+50 right of centerline

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-10-21-58-28C

Date: 09/23/25

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

Job No: 197131.58C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	86	Ambient Air Temp. (F):	55
Ticket No.	86531491	Mix Temp. (F):	69
Mix Design No.:	T34592110	Air Content (%):	5.5
Sampled By:	Alex Walton	Wet Density (PCF):	140.6
Batch Time:	8:23 am	Water added (gal - UNO):	0
Time of Test:	9:02 am	Specified Strength (psi):	4,500
Time in Truck:	39 min		
Comments:			

Compressive Strengths

Project Set No.: 58

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.19	09/23/25	09/30/25	7	4.00	8.00	1.00	12.57	140.7	5	58,280	4,640	4,640	4,540
B	8.22	09/23/25	09/30/25	7	4.00	8.00	1.00	12.57	141.3	5	55,680	4,430	4,430	
C	8.26	09/23/25	10/21/25	28	4.00	8.00	1.00	12.57	141.9	5	62,990	5,010	5,010	5,000
D	8.17	09/23/25	10/21/25	28	4.00	8.00	1.00	12.57	140.4	5	62,880	5,000	5,000	

Specimen E, Cast on 09/23/25 has not been tested.

Test Location: Sidewalk, SW corner of deer haven view and haven view point (side walk)

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-29-59-58C

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

Date: 10/02/25

Job No: 197131.59C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	76	Ambient Air Temp. (F):	66
Ticket No.	86531896	Mix Temp. (F):	78
Mix Design No.:	T345921	Air Content (%):	6.9
Sampled By:	Justin Weyant	Wet Density (PCF):	137.5
Batch Time:	10:14 am	Water added (gal - UNO):	0
Time of Test:	10:51 am	Specified Strength (psi):	4,500
Time in Truck:	37 min		
Comments:			

Compressive Strengths

Project Set No.: 59

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.11	10/02/25	10/09/25	7	4.00	8.00	1.00	12.57	139.4	5	42,450	3,380	3,380	3,520
B	8.12	10/02/25	10/09/25	7	4.00	8.00	1.00	12.57	139.5	5	46,050	3,660	3,660	
C	8.05	10/02/25	10/30/25	28	4.00	8.00	1.00	12.57	138.3	5	52,100	4,140	4,140	4,300
D	8.13	10/02/25	10/30/25	28	4.00	8.00	1.00	12.57	139.7	5	55,890	4,450	4,450	
E	8.11	10/02/25	11/29/25	58	4.00	8.00	1.00	12.57	139.4	5	62,060	4,940	4,940	4,940

Test Location: Wall, Channel Crossing

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-04-60-28C

Date: 10/07/25

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

Job No: 197131.60C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	62	Ambient Air Temp. (F):	48
Ticket No.	86532024	Mix Temp. (F):	70
Mix Design No.:	T34592110	Air Content (%):	6.5
Sampled By:	Jason Stockley	Wet Density (PCF):	139.4
Batch Time:	8:18 am	Water added (gal - UNO):	0
Time of Test:	9:20 am	Specified Strength (psi):	4,500
Time in Truck:	62 min		
Comments:			

Compressive Strengths

Project Set No.: 60

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.31	10/07/25	10/14/25	7	4.00	8.00	1.00	12.57	142.8	5	50,970	4,050	4,050	4,150
B	8.29	10/07/25	10/14/25	7	4.00	8.00	1.00	12.57	142.5	3	53,380	4,250	4,250	
C	8.25	10/07/25	11/04/25	28	4.00	8.00	1.00	12.57	141.8	5	63,370	5,040	5,040	5,080
D	8.30	10/07/25	11/04/25	28	4.00	8.00	1.00	12.57	142.6	5	64,340	5,120	5,120	

Specimen E, Cast on 10/07/25 has not been tested.

Test Location: Footing, Overflow Channel Wall Section A

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-06-61-28C

Date: 10/09/25

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

Job No: 197131.61C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	383	Ambient Air Temp. (F):	70
Ticket No.	86532114	Mix Temp. (F):	77
Mix Design No.:	T34592110	Air Content (%):	5.8
Sampled By:	Jason Stockley	Wet Density (PCF):	139.0
Batch Time:	9:46 am	Water added (gal - UNO):	10
Time of Test:	10:41 am	Specified Strength (psi):	4,500
Time in Truck:	55 min		
Comments:			

Compressive Strengths

Project Set No.: 61

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.43	10/09/25	10/16/25	7	4.00	8.00	1.00	12.57	144.9	5	65,750	5,230	5,230	5,170
B	8.43	10/09/25	10/16/25	7	4.00	8.00	1.00	12.57	144.9	5	64,230	5,110	5,110	
C	8.44	10/09/25	11/06/25	28	4.00	8.00	1.00	12.57	145.0	5	82,480	6,560	6,560	6,460
D	8.40	10/09/25	11/06/25	28	4.00	8.00	1.00	12.57	144.3	5	80,030	6,370	6,370	

Specimen E, Cast on 10/09/25 has not been tested.

Test Location: Footing, East wall - 10’e from overflow wall

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-11-10-62-28C

Date: 10/13/25

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

Job No: 197131.62C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	26	Ambient Air Temp. (F):	42
Ticket No.	86532239	Mix Temp. (F):	65
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Jason Stockley	Wet Density (PCF):	138.6
Batch Time:	8:15 am	Water added (gal - UNO):	0
Time of Test:	9:18 am	Specified Strength (psi):	4,500
Time in Truck:	63 min		
Comments:	County mix		

Compressive Strengths

Project Set No.: 62

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.32	10/13/25	10/20/25	7	4.00	8.00	1.00	12.57	143.0	5	52,530	4,180	4,180	4,280
B	8.30	10/13/25	10/20/25	7	4.00	8.00	1.00	12.57	142.6	5	55,210	4,390	4,390	
C	8.27	10/13/25	11/10/25	28	4.00	8.00	1.00	12.57	142.1	5	62,830	5,000	5,000	5,000
D	8.34	10/13/25	11/10/25	28	4.00	8.00	1.00	12.57	143.3	5	62,740	4,990	4,990	

Specimen E, Cast on 10/13/25 has not been tested.

Test Location: Footing, East wall 15'e of overflow wall

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-12-12-63-56C

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

Date: 10/17/25

Job No: 197131.63C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	4.00
Truck No.	27	Ambient Air Temp. (F):	47
Ticket No.	71405819	Mix Temp. (F):	70
Mix Design No.:	T345921	Air Content (%):	7.0
Sampled By:	Justin Weyant	Wet Density (PCF):	138.2
Batch Time:	8:17 am	Water added (gal - UNO):	0
Time of Test:	9:16 am	Specified Strength (psi):	4,500
Time in Truck:	59 min		
Comments:			

Compressive Strengths

Project Set No.: 63

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.05	10/17/25	10/24/25	7	4.00	8.00	1.00	12.57	138.3	5	49,370	3,930	3,930	4,020
B	8.04	10/17/25	10/24/25	7	4.00	8.00	1.00	12.57	138.2	5	51,610	4,110	4,110	
C	8.09	10/17/25	11/14/25	28	4.00	8.00	1.00	12.57	139.0	5	53,710	4,270	4,270	4,380
D	8.06	10/17/25	11/14/25	28	4.00	8.00	1.00	12.57	138.5	5	56,270	4,480	4,480	
E	8.07	10/17/25	12/12/25	56	4.00	8.00	1.00	12.57	138.7	5	59,640	4,740	4,740	4,740

Test Location: Wall, Drainage channel

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-12-18-64-56C

Date: 10/23/25

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

Job No: 197131.64C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	70	Ambient Air Temp. (F):	42
Ticket No.	86532609	Mix Temp. (F):	73
Mix Design No.:	#2024007	Air Content (%):	7.5
Sampled By:	Alex Walton	Wet Density (PCF):	138.4
Batch Time:	8:19 am	Water added (gal - UNO):	0
Time of Test:	9:10 am	Specified Strength (psi):	4,500
Time in Truck:	51 min		
Comments:			

Compressive Strengths

Project Set No.: 64

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	7.99	10/23/25	10/30/25	7	4.00	8.00	1.00	12.57	137.3	5	48,130	3,830	3,830	3,900
B	8.01	10/23/25	10/30/25	7	4.00	8.00	1.00	12.57	137.6	5	49,930	3,970	3,970	
C	7.99	10/23/25	11/20/25	28	4.00	8.00	1.00	12.57	137.3	5	52,420	4,170	4,170	4,220
D	7.97	10/23/25	11/20/25	28	4.00	8.00	1.00	12.57	137.0	5	53,510	4,260	4,260	
E	8.02	10/23/25	12/18/25	56	4.00	8.00	1.00	12.57	137.8	5	58,980	4,690	4,690	4,690

Test Location: Wall, channel wall STA#33+00 15'R of CL x 30'S

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2025-12-01-65-31C

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

Date: 10/31/25

Job No: 197131.65C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	SRM	Slump (in.):	6.50
Truck No.	1635	Ambient Air Temp. (F):	54
Ticket No.	12040641	Mix Temp. (F):	70
Mix Design No.:	CDOT45878-4	Air Content (%):	8.0
Sampled By:	Alex Walton	Wet Density (PCF):	138.8
Batch Time:	12:00 pm	Water added (gal - UNO):	0
Time of Test:	12:35 pm	Specified Strength (psi):	4,500
Time in Truck:	35 min		
Comments:			

Compressive Strengths

Project Set No.: 65

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.19	10/31/25	11/07/25	7	4.00	8.00	1.00	12.57	140.7	5	48,110	3,830	3,830	3,860
B	8.14	10/31/25	11/07/25	7	4.00	8.00	1.00	12.57	139.9	5	49,020	3,900	3,900	
C	8.09	10/31/25	12/01/25	31	4.00	8.00	1.00	12.57	139.0	5	59,050	4,700	4,700	4,840
D	8.15	10/31/25	12/01/25	31	4.00	8.00	1.00	12.57	140.0	5	62,720	4,990	4,990	

Specimen E, Cast on 10/31/25 has not been tested.

Test Location: U channel, U channel (south side) between 416 and 412 pecos drive

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-05-22-66-28C

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

Date: 04/24/26

Job No: 197131.66C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	3.50
Truck No.	47	Ambient Air Temp. (F):	49
Ticket No.	86534248	Mix Temp. (F):	72
Mix Design No.:	3450211020	Air Content (%):	5.5
Sampled By:	Stephen Barela	Wet Density (PCF):	139.8
Batch Time:	8:15 am	Water added (gal - UNO):	5
Time of Test:	9:30 am	Specified Strength (psi):	4,500
Time in Truck:	75 min		
Comments:			

Compressive Strengths

Project Set No.: 66

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.25	04/24/26	05/01/26	7	4.00	8.00	1.00	12.57	141.8	5	48,390	3,850	3,850	3,920
B	8.23	04/24/26	05/01/26	7	4.00	8.00	1.00	12.57	141.4	5	50,230	4,000	4,000	
C	8.22	04/24/26	05/22/26	28	4.00	8.00	1.00	12.57	141.3	5	58,620	4,660	4,660	4,610
D	8.24	04/24/26	05/22/26	28	4.00	8.00	1.00	12.57	141.6	5	57,310	4,560	4,560	

Specimen E, Cast on 04/24/26 has not been tested.

Test Location: Storm Drain/Inlet, Storm behind lot 31 havenlock

Respectfully submitted,

RMG - Rocky Mountain Group

5085 List Drive, Suite 200, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-14-67-56C-REV-1

Date: 06/19/26

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

Job No: 197131.67C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amarize	Slump (in.):	1.50
Truck No.	6	Ambient Air Temp. (F):	60
Ticket No.	86766664	Mix Temp. (F):	81
Mix Design No.:	T34682110	Air Content (%):	6.0
Sampled By:	Andrew Keeton	Wet Density (PCF):	140.6
Batch Time:	8:16 am	Water added (gal - UNO):	0
Time of Test:	9:00 am	Specified Strength (psi):	4,500
Time in Truck:	44 min		
Comments:			

Compressive Strengths

Project Set No.: 67

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.30	06/19/26	06/26/26	7	4.00	8.00	1.00	12.57	142.6	5	44,470	3,540	3,540	3,480
B	8.32	06/19/26	06/26/26	7	4.00	8.00	1.00	12.57	143.0	5	42,960	3,420	3,420	
C	8.36	06/19/26	07/17/26	28	4.00	8.00	1.00	12.57	143.7	5	56,020	4,460	4,460	4,420
D	8.37	06/19/26	07/17/26	28	4.00	8.00	1.00	12.57	143.8	5	54,930	4,370	4,370	
E	8.37	06/19/26	08/14/26	56	4.00	8.00	1.00	12.57	143.8	5	63,680	5,070	5,070	5,070

Revision Notes: IT issue

Test Location: C&G, Curb and gutter, Havenlock Pt, STA 22+67

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-18-68-56C-REV-3

Date: 06/23/26

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

Job No: 197131.68C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	22	Ambient Air Temp. (F):	64
Ticket No.	86766765	Mix Temp. (F):	82
Mix Design No.:	T3459110	Air Content (%):	6.5
Sampled By:	Stephen Barela	Wet Density (PCF):	140.8
Batch Time:	8:17 am	Water added (gal - UNO):	0
Time of Test:	9:25 am	Specified Strength (psi):	4,500
Time in Truck:	68 min		
Comments:			

Compressive Strengths

Project Set No.: 68

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.20	06/23/26	06/30/26	7	4.00	8.00	1.00	12.57	140.9	5	41,490	3,300	3,300	3,300
B	8.26	06/23/26	06/30/26	7	4.00	8.00	1.00	12.57	141.9	5	41,630	3,310	3,310	
C	8.33	06/23/26	07/21/26	28	4.00	8.00	1.00	12.57	143.1	5	51,260	4,080	4,080	4,140
D	8.25	06/23/26	07/21/26	28	4.00	8.00	1.00	12.57	141.8	5	52,940	4,210	4,210	
E	8.25	06/23/26	08/18/26	56	4.00	8.00	1.00	12.57	141.8	5	57,345	4,560	4,560	4,560

Revision Notes: Revision to PSI

Test Location: C&G, Hawk haven and New Haven STA 6+50

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-19-69-56C-REV-2

Date: 06/24/26

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

Job No: 197131.69C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	75	Ambient Air Temp. (F):	64
Ticket No.	86766817	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	7.0
Sampled By:	Stephen Barela	Wet Density (PCF):	138.0
Batch Time:	8:27 am	Water added (gal - UNO):	0
Time of Test:	9:04 am	Specified Strength (psi):	4,500
Time in Truck:	37 min		
Comments:			

Compressive Strengths

Project Set No.: 69

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.25	06/24/26	07/01/26	7	4.00	8.00	1.00	12.57	141.8	5	38,530	3,070	3,070	3,080
B	8.14	06/24/26	07/01/26	7	4.00	8.00	1.00	12.57	139.9	5	38,750	3,080	3,080	
C	8.23	06/24/26	07/22/26	28	4.00	8.00	1.00	12.57	141.4	5	50,910	4,050	4,050	4,040
D	8.19	06/24/26	07/22/26	28	4.00	8.00	1.00	12.57	140.7	5	50,510	4,020	4,020	
E	8.20	06/24/26	08/19/26	56	4.00	8.00	1.00	12.57	140.9	5	57,480	4,570	4,570	4,570

Revision Notes: Revision to PSI

Test Location: C&G, New Haven Point STA 5+50

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-20-70-56C-REV-2

Date: 06/25/26

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

Job No: 197131.70C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	73	Ambient Air Temp. (F):	63
Ticket No.	86766866	Mix Temp. (F):	80
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Stephen Barela	Wet Density (PCF):	138.8
Batch Time:	6:15 am	Water added (gal - UNO):	0
Time of Test:	7:00 am	Specified Strength (psi):	4,500
Time in Truck:	45 min		
Comments:			

Compressive Strengths

Project Set No.: 70

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.15	06/25/26	07/02/26	7	4.00	8.00	1.00	12.57	140.0	5	37,890	3,010	3,010	3,180
B	8.10	06/25/26	07/02/26	7	4.00	8.00	1.00	12.57	139.2	5	42,040	3,340	3,340	
C	8.22	06/25/26	07/23/26	28	4.00	8.00	1.00	12.57	141.3	5	51,770	4,120	4,120	4,190
D	8.15	06/25/26	07/23/26	28	4.00	8.00	1.00	12.57	140.0	5	53,520	4,260	4,260	
E	8.16	06/25/26	08/20/26	56	4.00	8.00	1.00	12.57	140.2	5	58,640	4,670	4,670	4,670

Revision Notes: Revision to PSI

Test Location: Cross Pans, Cross pan at New Haven and haven Locke

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-21-71-56C-REV-2

Date: 06/26/26

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

Job No: 197131.71C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	66	Ambient Air Temp. (F):	64
Ticket No.	86766929	Mix Temp. (F):	82
Mix Design No.:	T34592110	Air Content (%):	6.0
Sampled By:	Stephen Barela	Wet Density (PCF):	138.6
Batch Time:	8:19 am	Water added (gal - UNO):	9
Time of Test:	9:00 am	Specified Strength (psi):	4,500
Time in Truck:	41 min		
Comments:			

Compressive Strengths

Project Set No.: 71

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.61	06/26/26	07/03/26	7	4.00	8.00	1.00	12.57	148.0	5	50,100	3,990	3,990	3,920
B	8.56	06/26/26	07/03/26	7	4.00	8.00	1.00	12.57	147.1	5	48,380	3,850	3,850	
C	8.24	06/26/26	07/24/26	28	4.00	8.00	1.00	12.57	141.6	5	53,960	4,290	4,290	4,320
D	8.32	06/26/26	07/24/26	28	4.00	8.00	1.00	12.57	143.0	5	54,800	4,360	4,360	
E	0.82	06/26/26	08/21/26	56	4.00	8.00	1.00	12.57	14.1	5	59,750	4,750	4,750	4,750

Revision Notes: Revision to PSI

Test Location: Cross Pans, Cross Pan at Havenward and Haven Lock

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

REVISED COPY

Report No: 197131-2026-08-22-72-56C-REV-2

Date: 06/27/26

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

Job No: 197131.72C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Amrize	Slump (in.):	5.00
Truck No.	27	Ambient Air Temp. (F):	62
Ticket No.	86766973	Mix Temp. (F):	79
Mix Design No.:	T34592110	Air Content (%):	6.5
Sampled By:	Alex Walton	Wet Density (PCF):	140.2
Batch Time:	7:44 am	Water added (gal - UNO):	0
Time of Test:	8:27 am	Specified Strength (psi):	4,500
Time in Truck:	43 min		
Comments:			

Compressive Strengths

Project Set No.: 72

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.27	06/27/26	07/04/26	7	4.00	8.00	1.00	12.57	142.1	5	49,000	3,900	3,900	3,810
B	8.25	06/27/26	07/04/26	7	4.00	8.00	1.00	12.57	141.8	5	46,700	3,720	3,720	
C	8.15	06/27/26	07/25/26	28	4.00	8.00	1.00	12.57	140.0	5	51,290	4,080	4,080	4,160
D	8.19	06/27/26	07/25/26	28	4.00	8.00	1.00	12.57	140.7	5	53,480	4,250	4,250	
E	8.20	06/27/26	08/22/26	56	4.00	8.00	1.00	12.57	140.9	5	58,200	4,630	4,630	4,630

Revision Notes: Revision to PSI

Test Location: C&G, NW corner of Cable Lane and Haven Lock Pt.

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-09-01-73-28C

Date: 08/04/26

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

Job No: 197131.73C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete lien and sons	Slump (in.):	4.50
Truck No.	20-00329	Ambient Air Temp. (F):	68
Ticket No.	212488	Mix Temp. (F):	79
Mix Design No.:	902250	Air Content (%):	6.0
Sampled By:	Alex Walton	Wet Density (PCF):	130.6
Batch Time:	9:26 am	Water added (gal - UNO):	0
Time of Test:	10:00 am	Specified Strength (psi):	4,500
Time in Truck:	34 min		
Comments:			

Compressive Strengths

Project Set No.: 73

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.41	08/04/26	08/11/26	7	4.00	8.00	1.00	12.57	144.5	5	58,540	4,660	4,660	4,720
B	8.43	08/04/26	08/11/26	7	4.00	8.00	1.00	12.57	144.9	5	60,200	4,790	4,790	
C	8.40	08/04/26	09/01/26	28	4.00	8.00	1.00	12.57	144.3	5	70,640	5,620	5,620	5,650
D	8.42	08/04/26	09/01/26	28	4.00	8.00	1.00	12.57	144.7	5	71,370	5,680	5,680	

Specimen E, Cast on 08/04/26 has not been tested.

Test Location: C&G, Corner of Haven Cove Point and Haven Ward View

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-10-22-74-28C

Date: 09/24/26

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

Job No: 197131.74C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete lien	Slump (in.):	3.50
Truck No.	20-00320	Ambient Air Temp. (F):	56
Ticket No.	220306	Mix Temp. (F):	74
Mix Design No.:	902250	Air Content (%):	6.0
Sampled By:	Jason Stockley	Wet Density (PCF):	138.6
Batch Time:	6:36 am	Water added (gal - UNO):	0
Time of Test:	7:10 am	Specified Strength (psi):	4,500
Time in Truck:	34 min		
Comments:			

Compressive Strengths

Project Set No.: 74

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.42	09/24/26	10/01/26	7	4.00	8.00	1.00	12.57	144.7	5	60,850	4,840	4,840	4,840
B	8.42	09/24/26	10/01/26	7	4.00	8.00	1.00	12.57	144.7	5	60,810	4,840	4,840	
C	8.41	09/24/26	10/22/26	28	4.00	8.00	1.00	12.57	144.5	5	70,250	5,590	5,590	5,500
D	8.40	09/24/26	10/22/26	28	4.00	8.00	1.00	12.57	144.3	5	67,860	5,400	5,400	

Specimen E, Cast on 09/24/26 has not been tested.

Test Location: Sidewalk, Havenlock Pt and New Haven Point SE corner ped ramp

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-10-23-75-28C

Date: 09/25/26

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

Job No: 197131.75C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete lien	Slump (in.):	4.00
Truck No.	20-00321	Ambient Air Temp. (F):	55
Ticket No.	220568	Mix Temp. (F):	77
Mix Design No.:	902250	Air Content (%):	6.2
Sampled By:	Jason Stockley	Wet Density (PCF):	139.9
Batch Time:	6:30 am	Water added (gal - UNO):	0
Time of Test:	7:12 am	Specified Strength (psi):	4,500
Time in Truck:	42 min		
Comments:			

Compressive Strengths

Project Set No.: 75

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.34	09/25/26	10/02/26	7	4.00	8.00	1.00	12.57	143.3	5	55,870	4,440	4,440	4,590
B	8.34	09/25/26	10/02/26	7	4.00	8.00	1.00	12.57	143.3	5	59,610	4,740	4,740	
C	8.41	09/25/26	10/23/26	28	4.00	8.00	1.00	12.57	144.5	5	69,750	5,550	5,550	5,630
D	8.39	09/25/26	10/23/26	28	4.00	8.00	1.00	12.57	144.2	5	71,830	5,710	5,710	

Specimen E, Cast on 09/25/26 has not been tested.

Test Location: Sidewalk, New Haven View south side of street pedestrian ramp south of Hawk Haven View

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-10-27-76-28C

Date: 09/29/26

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

Job No: 197131.76C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete Lien	Slump (in.):	4.00
Truck No.	323	Ambient Air Temp. (F):	55
Ticket No.	220963	Mix Temp. (F):	76
Mix Design No.:	902250	Air Content (%):	7.0
Sampled By:	Andrew Keeton	Wet Density (PCF):	137.6
Batch Time:	7:00 am	Water added (gal - UNO):	0
Time of Test:	7:15 am	Specified Strength (psi):	4,500
Time in Truck:	15 min		
Comments:			

Compressive Strengths

Project Set No.: 76

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.22	09/29/26	10/06/26	7	4.00	8.00	1.00	12.57	141.3	5	55,910	4,450	4,450	4,510
B	8.22	09/29/26	10/06/26	7	4.00	8.00	1.00	12.57	141.3	5	57,420	4,570	4,570	
C	8.24	09/29/26	10/27/26	28	4.00	8.00	1.00	12.57	141.6	5	66,840	5,320	5,320	5,340
D	8.22	09/29/26	10/27/26	28	4.00	8.00	1.00	12.57	141.3	5	67,210	5,350	5,350	

Specimen E, Cast on 09/29/26 has not been tested.

Test Location: Sidewalk, Ped ramp, 15’ W of Havenlock point lot 33

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-10-29-77-28C

Date: 10/01/26

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

Job No: 197131.77C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete lien	Slump (in.):	4.00
Truck No.	310	Ambient Air Temp. (F):	56
Ticket No.	221365	Mix Temp. (F):	77
Mix Design No.:	902250	Air Content (%):	6.0
Sampled By:	Andrew Keeton	Wet Density (PCF):	142.6
Batch Time:	6:55 am	Water added (gal - UNO):	0
Time of Test:	7:30 am	Specified Strength (psi):	4,500
Time in Truck:	35 min		
Comments:			

Compressive Strengths

Project Set No.: 77

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.34	10/01/26	10/08/26	7	4.00	8.00	1.00	12.57	143.3	5	64,101	5,100	5,100	5,100
B	8.40	10/01/26	10/08/26	7	4.00	8.00	1.00	12.57	144.3	5	63,942	5,090	5,090	
C	8.38	10/01/26	10/29/26	28	4.00	8.00	1.00	12.57	144.0	3	79,601	6,330	6,330	6,210
D	8.39	10/01/26	10/29/26	28	4.00	8.00	1.00	12.57	144.2	5	76,045	6,050	6,050	
E	8.42	10/01/26	10/29/26	28	4.00	8.00	1.00	12.57	144.7	5	78,380	6,240	6,240	

Test Location: Sidewalk, Sidewalk, Havenlock pt, 50'N of lot 34

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-10-30-78-28C

Date: 10/02/26

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

Job No: 197131.78C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete lien	Slump (in.):	4.00
Truck No.	20-00316	Ambient Air Temp. (F):	0
Ticket No.	221567	Mix Temp. (F):	70
Mix Design No.:	902250	Air Content (%):	5.0
Sampled By:	Jonathan Eberly	Wet Density (PCF):	141.4
Batch Time:	6:41 am	Water added (gal - UNO):	0
Time of Test:	7:30 am	Specified Strength (psi):	4,500
Time in Truck:	49 min		
Comments:			

Compressive Strengths

Project Set No.: 78

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.30	10/02/26	10/09/26	7	4.00	8.00	1.00	12.57	142.6	5	56,170	4,470	4,470	4,380
B	8.34	10/02/26	10/09/26	7	4.00	8.00	1.00	12.57	143.3	5	54,110	4,300	4,300	
C	8.34	10/02/26	10/30/26	28	4.00	8.00	1.00	12.57	143.3	5	72,490	5,770	5,770	5,630
D	8.33	10/02/26	10/30/26	28	4.00	8.00	1.00	12.57	143.1	5	69,060	5,490	5,490	

Specimen E, Cast on 10/02/26 has not been tested.

Test Location: Sidewalk, Southwest side of street on south side side walk repair patch Hawk Haven View

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600

Compression Test Report

Report No: 197131-2026-11-03-79-28C

Date: 10/06/26

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

Job No: 197131.79C

Project: Haven Valley
Leta Dr

Testing of Concrete Cylinder

Material Supplier:	Pete Lien	Slump (in.):	4.00
Truck No.	20-00323	Ambient Air Temp. (F):	58
Ticket No.	222052	Mix Temp. (F):	70
Mix Design No.:	902250	Air Content (%):	6.9
Sampled By:	Hugo Perez	Wet Density (PCF):	140.8
Batch Time:	6:33 am	Water added (gal - UNO):	0
Time of Test:	7:20 am	Specified Strength (psi):	4,500
Time in Truck:	47 min		
Comments:			

Compressive Strengths

Project Set No.: 79

Specimen No.	Cylinder Weight (lbs.)	Date Cast	Date Tested	Age (Days)	Diameter (in.)	Height (in.)	H/D Factor	Area (Sq. in.)	Density (PCF)	Fracture Type	Ultimate Load (lbs.)	Compressive Strength (psi)	Factored Compressive Strength (psi)	Average PSI
A	8.37	10/06/26	10/13/26	7	4.00	8.00	1.00	12.57	143.8	5	48,190	3,830	3,830	3,950
B	8.38	10/06/26	10/13/26	7	4.00	8.00	1.00	12.57	144.0	5	51,180	4,070	4,070	
C	8.36	10/06/26	11/03/26	28	4.00	8.00	1.00	12.57	143.7	5	59,710	4,750	4,750	4,840
D	8.35	10/06/26	11/03/26	28	4.00	8.00	1.00	12.57	143.5	5	61,980	4,930	4,930	

Specimen E, Cast on 10/06/26 has not been tested.

Test Location: Sidewalk, Hawk Haven View and New Haven corner Sidewalk

Respectfully submitted,



RMG - Rocky Mountain Group

5085 List Drive, Suite 150, Colorado Springs, CO 80918 Phone: (719) 548-0600