

Compression Test Report

Report No: 188737-2022-09-20-1-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 08/23/22

Job No: 188737.1C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	1.50
Truck No.	1746	Ambient Air Temp. (F):	66
Ticket No.	14007618	Mix Temp. (F):	74
Mix Design No.:	ZCD4085	Air Content (%):	5.9
Sampled By:	Jarod Daniel	Wet Density:	140.5
Batch Time:	5:58 am	Water added (gal - UNO):	0
Time of Test:	7:10 am	Specified Strength (psi):	4,500
Time in Truck:	72 min		

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	7.92	08/23/22	08/30/22	7	4.00	8.00	1.00	12.57	136.1	5	53,720	4,270	4,270	4,270
B	7.81	08/23/22	09/20/22	28	4.00	8.00	1.00	12.57	134.2	5	67,250	5,350	5,350	5,210
C	7.89	08/23/22	09/20/22	28	4.00	8.00	1.00	12.57	135.6	5	65,260	5,190	5,190	
D	7.86	08/23/22	09/20/22	28	4.00	8.00	1.00	12.57	135.1	5	64,150	5,100	5,100	

Specimen E, Cast on 08/23/22 has not been tested.

Test Location: C&G, Meadowbrook Parkway STA 5+100 left of center line

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-10-18-2-56C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 08/23/22

Job No: 188737.2C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	2.00
Truck No.	1915	Ambient Air Temp. (F):	75
Ticket No.	14007652	Mix Temp. (F):	80
Mix Design No.:	ZCD4085	Air Content (%):	8.0
Sampled By:	Jarod Daniel	Wet Density:	135.3
Batch Time:	9:10 am	Water added (gal - UNO):	0
Time of Test:	10:25 am	Specified Strength (psi):	4,500
Time in Truck:	75 min		

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	8.21	08/23/22	08/30/22	7	4.00	8.00	1.00	12.57	141.1	5	40,190	3,200	3,200	3,200
B	8.18	08/23/22	09/20/22	28	4.00	8.00	1.00	12.57	140.6	3	45,470	3,620	3,620	3,580
C	8.19	08/23/22	09/20/22	28	4.00	8.00	1.00	12.57	140.7	5	44,600	3,550	3,550	
D	8.27	08/23/22	10/18/22	56	4.00	8.00	1.00	12.57	142.1	5	47,170	3,750	3,750	3,770
E	8.25	08/23/22	10/18/22	56	4.00	8.00	1.00	12.57	141.8	5	47,700	3,790	3,790	

Test Location: C&G, Meadowbrook Parkway STA 10+50 right of center line

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-09-26-3-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 08/29/22

Job No: 188737.3C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	1.50
Truck No.	2106	Ambient Air Temp. (F):	76
Ticket No.	14007926	Mix Temp. (F):	77
Mix Design No.:	2CD4085	Air Content (%):	5.6
Sampled By:	David Sellon	Wet Density:	142.8
Batch Time:	9:38 am	Water added (gal - UNO):	0
Time of Test:	10:20 am	Specified Strength (psi):	4,500
Time in Truck:	42 min		

Comments: First test failed: low air: 4.7%. Added air and re-tested @ 5.6%

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	8.37	08/29/22	09/05/22	7	4.00	8.00	1.00	12.57	143.8	5	51,740	4,120	4,120	4,120
B	8.26	08/29/22	09/26/22	28	4.00	8.00	1.00	12.57	141.9	3	66,050	5,250	5,250	5,290
C	8.36	08/29/22	09/26/22	28	4.00	8.00	1.00	12.57	143.7	5	67,490	5,370	5,370	
D	8.27	08/29/22	09/26/22	28	4.00	8.00	1.00	12.57	142.1	3	66,030	5,250	5,250	

Specimen E, Cast on 08/29/22 has not been tested.

Test Location: C&G, Meadowbrook Parkway STA 4+75 left of center line (roadway island)

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-09-28-4-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 08/31/22

Job No: 188737.4C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	3.50
Truck No.	1739	Ambient Air Temp. (F):	58
Ticket No.	14008022	Mix Temp. (F):	75
Mix Design No.:	ZCD4195	Air Content (%):	5.5
Sampled By:	Derek Hartness	Wet Density:	141.0
Batch Time:	6:16 am	Water added (gal - UNO):	0
Time of Test:	6:50 am	Specified Strength (psi):	4,500
Time in Truck:	34 min		

Comments: Cure Temp 109.4F(High) 57.2F(Low)

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	8.08	08/31/22	09/07/22	7	4.00	8.00	1.00	12.57	138.8	5	53,520	4,260	4,260	4,260
B	7.97	08/31/22	09/28/22	28	4.00	8.00	1.00	12.57	137.0	5	58,760	4,670	4,670	4,730
C	8.09	08/31/22	09/28/22	28	4.00	8.00	1.00	12.57	139.0	5	60,190	4,790	4,790	
D	8.09	08/31/22	09/28/22	28	4.00	8.00	1.00	12.57	139.0	5	59,340	4,720	4,720	

Specimen E, Cast on 08/31/22 has not been tested.

Test Location: Storm Drain/Inlet, Meadowbrook Parkway / Pacific Rail Point crosspan

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-10-07-6-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 09/09/22

Job No: 188737.6C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	3.75
Truck No.	1915	Ambient Air Temp. (F):	58
Ticket No.	14008341	Mix Temp. (F):	70
Mix Design No.:	ZCD4195	Air Content (%):	5.5
Sampled By:	Austin Duesterhaus	Wet Density:	140.5
Batch Time:	6:40 am	Water added (gal - UNO):	0
Time of Test:	7:25 am	Specified Strength (psi):	4,500
Time in Truck:	45 min		

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	8.17	09/09/22	09/16/22	7	4.00	8.00	1.00	12.57	140.4	2	51,430	4,090	4,090	4,090
B	8.19	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	140.7	5	57,150	4,550	4,550	4,720
C	8.17	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	140.4	5	61,930	4,930	4,930	
D	8.17	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	140.4	5	58,640	4,670	4,670	

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

Test Location: C&G, Meadowbrook Pkwy Median 1 STA 3+75

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-11-04-7-56C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 09/09/22

Job No: 188737.7C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	SRM	Slump (in.):	6.75
Truck No.	1766	Ambient Air Temp. (F):	71
Ticket No.	14008370	Mix Temp. (F):	84
Mix Design No.:	ZCD4195	Air Content (%):	7.1
Sampled By:	Joshua Snider	Wet Density:	138.9
Batch Time:	11:31 am	Water added (gal - UNO):	0
Time of Test:	11:52 am	Specified Strength (psi):	4,500
Time in Truck:	21 min		

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	8.07	09/09/22	09/16/22	7	4.00	8.00	1.00	12.57	138.7	5	46,370	3,690	3,690	3,690
B	8.01	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	137.6	5	49,890	3,970	3,970	4,060
C	8.08	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	138.8	5	51,000	4,060	4,060	
D	8.07	09/09/22	10/07/22	28	4.00	8.00	1.00	12.57	138.7	5	52,020	4,140	4,140	
E	8.05	09/09/22	11/04/22	56	4.00	8.00	1.00	12.57	138.3	5	60,110	4,780	4,780	4,780

Test Location: C&G, Meadowbrook Parkway STA 12+75 right of centerline South curb & gutter

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-12-19-21-28C
Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 11/21/22

Job No: 188737.21C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Physical Properties of Concrete Cylinder

Concrete Supplier:	Action Ready Mix	Slump (in.):	1.00
Truck No.	536	Ambient Air Temp. (F):	50
Ticket No.	12295	Mix Temp. (F):	60
Mix Design No.:	A45BDPM3	Air Content (%):	6.0
Sampled By:	Derek Hartness	Wet Density:	146.6
Batch Time:	11:27 am	Water added (gal - UNO):	0
Time of Test:	12:10 pm	Specified Strength (psi):	4,500
Time in Truck:	43 min		

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	8.33	11/21/22	11/28/22	7	4.00	8.00	1.00	12.57	143.1	5	61,380	4,880	4,880	4,880
B	8.25	11/21/22	12/19/22	28	4.00	8.00	1.00	12.57	141.8	3	62,360	4,960	4,960	5,040
C	8.28	11/21/22	12/19/22	28	4.00	8.00	1.00	12.57	142.3	5	61,330	4,880	4,880	
D	8.29	11/21/22	12/19/22	28	4.00	8.00	1.00	12.57	142.5	5	66,450	5,290	5,290	

Specimen E, Cast on 11/21/22 has not been tested.

Test Location: C&G, NW corner of Meadowbrook Parkway and Newt Drive

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-12-20-22-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 11/22/22

Job No: 188737.22C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	Action Ready Mix	Slump (in.):	1.00
Truck No.	547	Ambient Air Temp. (F):	40
Ticket No.	R12318	Mix Temp. (F):	60
Mix Design No.:	A45BDP3	Air Content (%):	5.0
Sampled By:	Derek Hartness	Wet Density:	143.0
Batch Time:	7:13 am	Water added (gal - UNO):	0
Time of Test:	8:10 am	Specified Strength (psi):	4,500
Time in Truck:	57 min		

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	8.30	11/22/22	11/29/22	7	4.00	8.00	1.00	12.57	142.6	5	60,170	4,790	4,790	4,790
B	8.25	11/22/22	12/20/22	28	4.00	8.00	1.00	12.57	141.8	5	30,890	2,460	2,460	4,850
C	8.32	11/22/22	12/20/22	28	4.00	8.00	1.00	12.57	143.0	5	73,930	5,880	5,880	
D	8.33	11/22/22	12/20/22	28	4.00	8.00	1.00	12.57	143.1	5	78,090	6,210	6,210	

Specimen E, Cast on 11/22/22 has not been tested.

Test Location: C&G, NE corner of Meadowbrook and Newt Dr

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2022-12-21-23-28C
Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 11/23/22

Job No: 188737.23C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Physical Properties of Concrete Cylinder

Concrete Supplier:	Action Ready Mix	Slump (in.):	1.00
Truck No.	526	Ambient Air Temp. (F):	38
Ticket No.	R12400	Mix Temp. (F):	60
Mix Design No.:	A45BDPM3	Air Content (%):	5.5
Sampled By:	Derek Hartness	Wet Density:	144.0
Batch Time:	7:12 am	Water added (gal - UNO):	0
Time of Test:	8:10 am	Specified Strength (psi):	4,500
Time in Truck:	58 min		

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	8.32	11/23/22	11/30/22	7	4.00	8.00	1.00	12.57	143.0	5	61,780	4,910	4,910	4,910
B	8.27	11/23/22	12/21/22	28	4.00	8.00	1.00	12.57	142.1	5	68,760	5,470	5,470	5,790
C	8.28	11/23/22	12/21/22	28	4.00	8.00	1.00	12.57	142.3	5	72,220	5,750	5,750	
D	8.30	11/23/22	12/21/22	28	4.00	8.00	1.00	12.57	142.6	5	77,180	6,140	6,140	

Specimen E, Cast on 11/23/22 has not been tested.

Test Location: C&G, Meadowbrook Pkwy, East Island C & G

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-01-03-27-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 12/06/22

Job No: 188737.27C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	Action Ready	Slump (in.):	4.00
Truck No.	529	Ambient Air Temp. (F):	32
Ticket No.	R12743	Mix Temp. (F):	70
Mix Design No.:	A45BDPH3	Air Content (%):	7.0
Sampled By:	Jason Stockley	Wet Density:	139.4
Batch Time:	6:44 am	Water added (gal - UNO):	0
Time of Test:	7:30 am	Specified Strength (psi):	4,500
Time in Truck:	46 min		

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	7.99	12/06/22	12/13/22	7	4.00	8.00	1.00	12.57	137.3	5	42,890	3,410	3,410	3,410
B	8.04	12/06/22	01/03/23	28	4.00	8.00	1.00	12.57	138.2	5	58,930	4,690	4,690	4,630
C	8.06	12/06/22	01/03/23	28	4.00	8.00	1.00	12.57	138.5	2	57,100	4,540	4,540	
D	7.92	12/06/22	01/03/23	28	4.00	8.00	1.00	12.57	136.1	5	58,460	4,650	4,650	

Specimen E, Cast on 12/06/22 has not been tested.

Test Location: C&G, Meadowbrook Parkway, 10' W from west entrance to Circle K

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-01-17-32-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 12/20/22

Job No: 188737.32C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	Action Ready Mix	Slump (in.):	4.00
Truck No.	541	Ambient Air Temp. (F):	38
Ticket No.	145459	Mix Temp. (F):	68
Mix Design No.:	A45BDPH3	Air Content (%):	5.0
Sampled By:	Adam Albertson	Wet Density:	142.2
Batch Time:	12:04 pm	Water added (gal - UNO):	0
Time of Test:	1:10 pm	Specified Strength (psi):	4,500
Time in Truck:	66 min		

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	8.18	12/20/22	12/27/22	7	4.00	8.00	1.00	12.57	140.6	5	50,730	4,040	4,040	4,040
B	8.17	12/20/22	01/17/23	28	4.00	8.00	1.00	12.57	140.4	5	63,610	5,060	5,060	5,010
C	8.20	12/20/22	01/17/23	28	4.00	8.00	1.00	12.57	140.9	5	61,550	4,900	4,900	
D	8.17	12/20/22	01/17/23	28	4.00	8.00	1.00	12.57	140.4	5	63,830	5,080	5,080	

Specimen E, Cast on 12/20/22 has not been tested.

Test Location: C&G, Meadowbrook Pkwy Island Curb

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-07-25-34-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 06/27/23

Job No: 188737.34C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	Burnco	Slump (in.):	5.50
Truck No.	1366	Ambient Air Temp. (F):	75
Ticket No.	20549453	Mix Temp. (F):	79
Mix Design No.:	45C5C1C7C	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	134.3
Batch Time:	10:10 am	Water added (gal - UNO):	10 Gal
Time of Test:	11:00 am	Specified Strength (psi):	4,500
Time in Truck:	50 min		

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	8.20	06/27/23	07/04/23	7	4.00	8.00	1.00	12.57	140.9	5	49,590	3,950	3,950	3,950
B	8.24	06/27/23	07/25/23	28	4.00	8.00	1.00	12.57	141.6	2	65,260	5,190	5,190	5,080
C	8.31	06/27/23	07/25/23	28	4.00	8.00	1.00	12.57	142.8	5	63,990	5,090	5,090	
D	8.25	06/27/23	07/25/23	28	4.00	8.00	1.00	12.57	141.8	2	62,170	4,950	4,950	

Specimen E, Cast on 06/27/23 has not been tested.

Test Location: Storm Drain/Inlet, Fore bay detention pond SW corner

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

REVISED COPY



Report No: 188737-2023-08-02-35-28C-REV-1

Date: 07/05/23

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Job No: 188737.35C

Engineers / Architects

Project: Crossroads Mixed Use
Meadowbrook Parkway

Physical Properties of Concrete Cylinder

Concrete Supplier:	Burnco	Slump (in.):	5.50
Truck No.	1377	Ambient Air Temp. (F):	58
Ticket No.	20551508	Mix Temp. (F):	78
Mix Design No.:	45E5C1C4C	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	134.5
Batch Time:	11:03 am	Water added (gal - UNO):	0
Time of Test:	12:05 pm	Specified Strength (psi):	4,500
Time in Truck:	62 min		

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	8.20	07/05/23	07/12/23	7	4.00	8.00	1.00	12.57	140.9	5	49,990	3,980	3,980	3,980
B	8.21	07/05/23	08/02/23	28	4.00	8.00	1.00	12.57	141.1	5	67,870	5,400	5,400	5,430
C	8.19	07/05/23	08/02/23	28	4.00	8.00	1.00	12.57	140.7	5	68,390	5,440	5,440	
D	8.21	07/05/23	08/02/23	28	4.00	8.00	1.00	12.57	141.1	5	68,560	5,450	5,450	

Specimen E, Cast on 07/05/23 has not been tested.

Revision Notes: Correct Design PSI

Test Location: Wall, Detention pond fore bay walls

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-08-07-36-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 07/10/23

Job No: 188737.36C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	BurnCo	Slump (in.):	4.00
Truck No.	1362	Ambient Air Temp. (F):	72
Ticket No.	20552493	Mix Temp. (F):	73
Mix Design No.:	45E5C1C4C	Air Content (%):	5.6
Sampled By:	Edward Skelton	Wet Density (PCF):	140.9
Batch Time:	9:20 am	Water added (gal - UNO):	0.0
Time of Test:	10:15 am	Specified Strength (psi):	4,500
Time in Truck:	55 min		

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	8.27	07/10/23	07/17/23	7	4.00	8.00	1.00	12.57	142.1	5	51,410	4,090	4,090	4,090
B	8.28	07/10/23	08/07/23	28	4.00	8.00	1.00	12.57	142.3	5	70,400	5,600	5,600	5,520
C	8.30	07/10/23	08/07/23	28	4.00	8.00	1.00	12.57	142.6	5	68,580	5,460	5,460	
D	8.29	07/10/23	08/07/23	28	4.00	8.00	1.00	12.57	142.5	5	69,160	5,500	5,500	

Specimen E, Cast on 07/10/23 has not been tested.

Test Location: Wall, Dentention pond forebay walls

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-08-23-37-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 07/26/23

Job No: 188737.37C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Physical Properties of Concrete Cylinder

Concrete Supplier:	Burnco	Slump (in.):	4.50
Truck No.	1372	Ambient Air Temp. (F):	65
Ticket No.	20557840	Mix Temp. (F):	84
Mix Design No.:	45E5C1C4C	Air Content (%):	5.8
Sampled By:	Austin Duesterhaus	Wet Density (PCF):	140.4
Batch Time:	4:19 am	Water added (gal - UNO):	0.0
Time of Test:	5:15 am	Specified Strength (psi):	4,500
Time in Truck:	56 min		

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	8.33	07/26/23	08/02/23	7	4.00	8.00	1.00	12.57	143.1	2	55,320	4,400	4,400	4,400
B	8.26	07/26/23	08/23/23	28	4.00	8.00	1.00	12.57	141.9	5	71,390	5,680	5,680	5,750
C	8.31	07/26/23	08/23/23	28	4.00	8.00	1.00	12.57	142.8	5	72,070	5,730	5,730	
D	8.30	07/26/23	08/23/23	28	4.00	8.00	1.00	12.57	142.6	5	73,400	5,840	5,840	

Specimen E, Cast on 07/26/23 has not been tested.

Test Location: Other: Trickle Channel, Tract A Trickle Channel STA 3+75

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-10-23-38-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 09/25/23

Job No: 188737.38C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Burnco	Slump (in.):	5.00
Truck No.	1365	Ambient Air Temp. (F):	73
Ticket No.	20576493	Mix Temp. (F):	72
Mix Design No.:	45E5C1C4C	Air Content (%):	6.2
Sampled By:	Jason Stockley	Wet Density (PCF):	137.3
Batch Time:	1:01 pm	Water added (gal - UNO):	0.0
Time of Test:	1:51 pm	Specified Strength (psi):	4,500
Time in Truck:	50 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	8.12	09/25/23	10/02/23	7	4.00	8.00	1.00	12.57	139.5	3	40,920	3,260	3,260	3,260
B	8.19	09/25/23	10/23/23	28	4.00	8.00	1.00	12.57	140.7	3	57,753	4,590	4,590	4,600
C	8.16	09/25/23	10/23/23	28	4.00	8.00	1.00	12.57	140.2	3	58,031	4,620	4,620	
D	8.14	09/25/23	10/23/23	28	4.00	8.00	1.00	12.57	139.9	3	57,999	4,610	4,610	
E	8.13	09/25/23	10/23/23	28	4.00	8.00	1.00	12.57	139.7	3	57,749	4,590	4,590	

Test Location: Footing/Other: Base, SW Outlet Structure

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-10-25-39-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 09/27/23

Job No: 188737.39C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Burnco	Slump (in.):	6.00
Truck No.	1370	Ambient Air Temp. (F):	74
Ticket No.	20577121	Mix Temp. (F):	72
Mix Design No.:	45E5C1C4C	Air Content (%):	5.6
Sampled By:	Jason Stockley	Wet Density (PCF):	140.2
Batch Time:	9:13 am	Water added (gal - UNO):	0.0
Time of Test:	10:09 am	Specified Strength (psi):	4,500
Time in Truck:	56 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	8.29	09/27/23	10/04/23	7	4.00	8.00	1.00	12.57	142.5	3	50,585	4,020	4,020	4,020
B	8.15	09/27/23	10/25/23	28	4.00	8.00	1.00	12.57	140.0	3	62,198	4,950	4,950	
C	8.27	09/27/23	10/25/23	28	4.00	8.00	1.00	12.57	142.1	2	62,864	5,000	5,000	
D	8.19	09/27/23	10/25/23	28	4.00	8.00	1.00	12.57	140.7	3	63,660	5,060	5,060	
E	8.21	09/27/23	10/25/23	28	4.00	8.00	1.00	12.57	141.1	3	63,558	5,060	5,060	

Test Location: Other: Outlet Structure, SW Outlet Structure

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-11-17-41-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 10/20/23

Job No: 188737.41C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Burnco	Slump (in.):	5.00
Truck No.	1376	Ambient Air Temp. (F):	65
Ticket No.	20584179	Mix Temp. (F):	72
Mix Design No.:	45E5C1C4C	Air Content (%):	6.0
Sampled By:	Adam Albertson	Wet Density (PCF):	139.1
Batch Time:	9:16 am	Water added (gal - UNO):	0.0
Time of Test:	10:20 am	Specified Strength (psi):	4,500
Time in Truck:	64 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	8.05	10/20/23	10/27/23	7	4.00	8.00	1.00	12.57	138.3	3	51,432	4,090	4,090	4,090
B	8.10	10/20/23	11/17/23	28	4.00	8.00	1.00	12.57	139.2	3	66,783	5,310	5,310	5,280
C	8.07	10/20/23	11/17/23	28	4.00	8.00	1.00	12.57	138.7	2	66,247	5,270	5,270	5,280
D	8.05	10/20/23	11/17/23	28	4.00	8.00	1.00	12.57	138.3	2	69,960	5,570	5,570	5,280
E	8.11	10/20/23	11/17/23	28	4.00	8.00	1.00	12.57	139.4	2	62,777	4,990	4,990	5,280

Test Location: Storm Drain/Inlet, Forebay footing SW corner of detention pond

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2023-11-22-42-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 10/25/23

Job No: 188737.42C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Testing of Concrete Cylinder

Material Supplier:	Burnco	Slump (in.):	4.50
Truck No.	1371	Ambient Air Temp. (F):	60
Ticket No.	20585588	Mix Temp. (F):	71
Mix Design No.:	45E5C1C4C	Air Content (%):	7.0
Sampled By:	Adam Albertson	Wet Density (PCF):	139.0
Batch Time:	8:47 am	Water added (gal - UNO):	0.0
Time of Test:	9:50 am	Specified Strength (psi):	4,500
Time in Truck:	63 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	8.11	10/25/23	11/01/23	7	4.00	8.00	1.00	12.57	139.4	3	49,966	3,980	3,980	3,980
B	8.14	10/25/23	11/22/23	28	4.00	8.00	1.00	12.57	139.9	3	68,497	5,450	5,450	
C	8.17	10/25/23	11/22/23	28	4.00	8.00	1.00	12.57	140.4	3	64,243	5,110	5,110	
D	8.17	10/25/23	11/22/23	28	4.00	8.00	1.00	12.57	140.4	3	66,999	5,330	5,330	
E	8.12	10/25/23	11/22/23	28	4.00	8.00	1.00	12.57	139.5	5	64,226	5,110	5,110	

Test Location: Wall, SW Detention Pond emergency spill way wall

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2024-05-06-45-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 04/08/24

Job No: 188737.45C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	1.25
Truck No.	346	Ambient Air Temp. (F):	46
Ticket No.	86734071	Mix Temp. (F):	64
Mix Design No.:	T3468211	Air Content (%):	5.7
Sampled By:	Jonathan Eberly	Wet Density (PCF):	141.4
Batch Time:	8:52 am	Water added (gal - UNO):	
Time of Test:	9:40 am	Specified Strength (psi):	4,500
Time in Truck:	48 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	8.27	04/08/24	04/15/24	7	4.00	8.00	1.00	12.57	142.1	5	55,630	4,430	4,430	4,430
B	8.32	04/08/24	05/06/24	28	4.00	8.00	1.00	12.57	143.0	5	65,750	5,230	5,230	5,400
C	8.26	04/08/24	05/06/24	28	4.00	8.00	1.00	12.57	141.9	5	69,360	5,520	5,520	
D	8.29	04/08/24	05/06/24	28	4.00	8.00	1.00	12.57	142.5	5	68,630	5,460	5,460	

Specimen E, Cast on 04/08/24 has not been tested.

Test Location: C&G, Central Rail PT, STA 5+00 right of center line

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2024-05-08-46-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 04/10/24

Job No: 188737.46C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Transit Mix	Slump (in.):	4.00
Truck No.	25	Ambient Air Temp. (F):	42
Ticket No.	86734234	Mix Temp. (F):	75
Mix Design No.:	T3459211	Air Content (%):	5.5
Sampled By:	Adam Albertson	Wet Density (PCF):	138.6
Batch Time:	7:03 am	Water added (gal - UNO):	
Time of Test:	7:35 am	Specified Strength (psi):	4,500
Time in Truck:	32 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	7.99	04/10/24	04/17/24	7	4.00	8.00	1.00	12.57	137.3	5	49,290	3,920	3,920	3,920
B	7.99	04/10/24	05/08/24	28	4.00	8.00	1.00	12.57	137.3	5	58,480	4,650	4,650	4,770
C	8.01	04/10/24	05/08/24	28	4.00	8.00	1.00	12.57	137.6	5	60,950	4,850	4,850	
D	7.98	04/10/24	05/08/24	28	4.00	8.00	1.00	12.57	137.1	3	60,540	4,820	4,820	

Specimen E, Cast on 04/10/24 has not been tested.

Test Location: C&G, Crossspan STA 0+50, southern Rail Point

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2024-05-09-47-28C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 04/11/24

Job No: 188737.47C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	3.25
Truck No.	25	Ambient Air Temp. (F):	34
Ticket No.	86734317	Mix Temp. (F):	0
Mix Design No.:	T3459211	Air Content (%):	0.0
Sampled By:	Edward Skelton	Wet Density (PCF):	143.1
Batch Time:	6:55 am	Water added (gal - UNO):	
Time of Test:	7:20 am	Specified Strength (psi):	4,500
Time in Truck:	25 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	8.01	04/11/24	04/18/24	7	4.00	8.00	1.00	12.57	137.6	5	51,570	4,100	4,100	4,100
B	7.99	04/11/24	05/09/24	28	4.00	8.00	1.00	12.57	137.3	5	57,170	4,550	4,550	4,320
C	8.01	04/11/24	05/09/24	28	4.00	8.00	1.00	12.57	137.6	5	44,010	3,500	3,500	
D	8.08	04/11/24	05/09/24	28	4.00	8.00	1.00	12.57	138.8	5	61,760	4,910	4,910	

Specimen E, Cast on 04/11/24 has not been tested.

Test Location: Crossspan, Central Rail, STA 5+97.71, Curb & Gutter and Crossspan

Respectfully submitted,

RMG - Rocky Mountain Group

Compression Test Report

Report No: 188737-2024-06-07-48-56C

Client: Colorado Springs Equities LLC
90 South Cascade Avenue, 1500
Colorado Springs, CO 80903

Date: 04/12/24

Job No: 188737.48C

Project: Crossroads Mixed Use
Meadowbrook Parkway



Engineers / Architects

Testing of Concrete Cylinder

Material Supplier:	Holcim	Slump (in.):	5.50
Truck No.	8	Ambient Air Temp. (F):	36
Ticket No.	86734444	Mix Temp. (F):	75
Mix Design No.:	T34592100	Air Content (%):	6.2
Sampled By:	Jason Garcia	Wet Density (PCF):	138.5
Batch Time:	6:54 am	Water added (gal - UNO):	
Time of Test:	7:45 am	Specified Strength (psi):	4,500
Time in Truck:	51 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	8.00	04/12/24	04/19/24	7	4.00	8.00	1.00	12.57	137.5	5	41,050	3,270	3,270	3,270
B	7.97	04/12/24	05/10/24	28	4.00	8.00	1.00	12.57	137.0	5	49,830	3,960	3,960	4,020
C	7.93	04/12/24	05/10/24	28	4.00	8.00	1.00	12.57	136.3	5	51,240	4,080	4,080	
D	7.96	04/12/24	06/07/24	56	4.00	8.00	1.00	12.57	136.8	5	56,920	4,530	4,530	4,650
E	7.97	04/12/24	06/07/24	56	4.00	8.00	1.00	12.57	137.0	5	60,010	4,770	4,770	

Test Location: C&G, Cental Rail Point, STA 5+25 (L)

Respectfully submitted,

RMG - Rocky Mountain Group