

July 11, 2025

Hon. David Fuentes
Commissioner, Hidalgo County Pct. #1
1902 Joe Stephens
Weslaco, TX 78577

**RE: C-24-0211-07-09 (ARPA-24-121-358)
WA# 2 ~ Wellness, Activity and Community Center (WACC) – CMT**

Dear Commissioner Fuentes:

Attached for your review and approval is our invoice for services rendered under Work Authorization #2 during the month of June 2025 on the subject referenced project.

The following is attached:

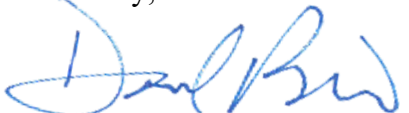
- Invoice No. 10119

The following is a narrative of the progress for this period.

Direct Expenses (CMT)	
B2Z conducted the following tests in June 2025: <ul style="list-style-type: none">• WACC-1C through WACC-13C 28 Day• WACC-14C through WACC-22C 7 Day	55%

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 585-3773.

Sincerely,



David Rivera
Senior Project Manager



Invoice

P.O. Box 2724
McAllen, Tx. 78502
(956) 585-3773

Date	Invoice #
7/11/2025	10119

Please send remittance with copy of invoice to:

Attn: Mrs. Aisha Gonzalez
P.O. Box 2724
McAllen, Tx. 78502

Bill To:
Hidalgo County Precinct #1
1902 Joe Stephens
Weslaco, TX 78577

Project Info:
Contract #C-24-0211-07-09 WA#2
Wellness Activity Community Center
(WACC) - CMT

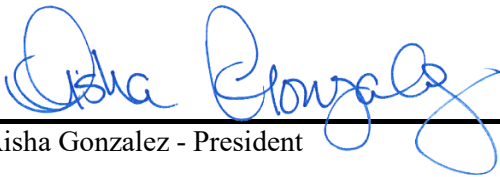
B2Z JOB: 1106

Billing Period **June 2025**

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Consturction Materials Testing (CMT)	\$ 64,999.45	\$ 27,949.76	\$ 7,799.94	\$ 35,749.70	55%
Total For This Billing Period					7,799.94

Work Authorization ~ Summary

<u>WA No.</u>	<u>WA Amount</u>	<u>Previously Inv.</u>	<u>Percent Complete</u>	<u>Remaining Balance</u>
2	\$64,999.45	\$27,949.76	55.0%	\$29,249.75


Aisha Gonzalez - President

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	22	Technician:	Jacob Chavez	Batched:	06:59 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	07:14 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	07:24 CDT
Truck / Ticket #:	12 / 15390	Sampled From:	Chute	Truck Empty:	07:29 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	30 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	Northeast Side

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	La Feria	Strength:	4000 (psi)
On-Site Admixtures: None			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	5-1/2
Air Temperature (F):	80	Concrete Temp (F):	85
		Plastic Unit Weight:	
		Air Content:	1.8
		Load Volume:	9.00 (yd³)

Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
22-1	7	06/03/25	1 / 6	4.00	12.57	60,045	4,780	3	R3	1
22-2	7	06/03/25	1 / 6	4.00	12.57	60,901	4,840	3	R3	1
22-3	28	06/24/25	1 / 27							
22-4	28	06/24/25	1 / 27							
22-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4810

Capping Methods	
R3: The 7 day test results meets or exceeds the 28 day specified strength. Tested By: Jaykob Quintanilla (1,2) Checked In : 05/28/2025 (1,2,3,4,5)	1: Neoprene Pad



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	21	Technician:	Jacob Chavez	Batched:	06:02 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	06:15 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	06:25 CDT
Truck / Ticket #:	166 / 153183	Sampled From:	Chute	Truck Empty:	06:33 CDT
Contractor:	NM Contracting	Placement Method:	Chute	Placement Time:	31 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	Northwest Center

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	La Feria	Strength:	4000 (psi)
On-Site Admixtures: None			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	5
Air Temperature (F):	80	Concrete Temp (F):	82
		Plastic Unit Weight:	
		Air Content:	1.8
		Load Volume:	9.00 (yd ³)

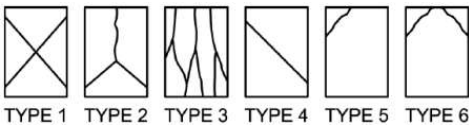
Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
21-1	7	06/03/25	1 / 6	4.00	12.57	62,013	4,930	3	R3	1
21-2	7	06/03/25	1 / 6	4.00	12.57	65,074	5,180	3	R3	1
21-3	28	06/24/25	1 / 27							
21-4	28	06/24/25	1 / 27							
21-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 5060

Capping Methods	
R3: The 7 day test results meets or exceeds the 28 day specified strength. Tested By: Jaykob Quintanilla (1,2) Checked In : 05/28/2025 (1,2,3,4,5)	1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

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Phone: 956-585-3773

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Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	20	Technician:	Jacob Chavez	Batched:	04:44 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	05:45 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	05:55 CDT
Truck / Ticket #:	05 / 127336	Sampled From:	Chute	Truck Empty:	06:07 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	83 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	North Center

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures: 15.00 Gal Water			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	6
Air Temperature (F):	80	Concrete Temp (F):	81
		Plastic Unit Weight:	
		Air Content:	1.9
		Load Volume:	10.00 (yd ³)

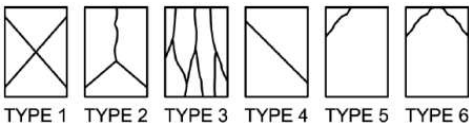
Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
20-1	7	06/03/25	1 / 6	4.00	12.57	42,875	3,410	3	F3	1
20-2	7	06/03/25	1 / 6	4.00	12.57	45,307	3,600	3	F3	1
20-3	28	06/24/25	1 / 27							
20-4	28	06/24/25	1 / 27							
20-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3510

Capping Methods							
F3: The 7 day test results did not meet the specifications.							
Tested By: Jaykob Quintanilla (1,2)							
Checked In : 05/28/2025 (1,2,3,4,5)							
1: Neoprene Pad							



Respectfully Submitted by B2Z Engineering

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Jorge Solis, Laboratory Manager

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Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	19	Technician:	Jacob Chavez	Batched:	04:36 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	05:13 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	05:23 CDT
Truck / Ticket #:	68 / 153179	Sampled From:	Chute	Truck Empty:	05:48 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	72 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	North West Side

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	La Feria	Strength:	4000 (psi)
On-Site Admixtures: 15.00 Gal Water			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	5
Air Temperature (F):	80	Concrete Temp (F):	83
		Plastic Unit Weight:	
		Air Content:	1.9
		Load Volume:	10.00 (yd ³)

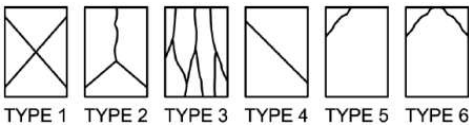
Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
19-1	7	06/03/25	1 / 6	4.00	12.57	67,420	5,360	3	R3	1
19-2	7	06/03/25	1 / 6	4.00	12.57	68,359	5,440	3	R3	1
19-3	28	06/24/25	1 / 27							
19-4	28	06/24/25	1 / 27							
19-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 5400

Capping Methods							
R3: The 7 day test results meets or exceeds the 28 day specified strength.							
Tested By: Jaykob Quintanilla (1,2)							
Checked In : 05/28/2025 (1,2,3,4,5)							
1: Neoprene Pad							



Respectfully Submitted by B2Z Engineering

Jorge Solis

Jorge Solis, Laboratory Manager

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Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	18	Technician:	Jacob Chavez	Batched:	03:48 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	04:41 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	04:51 CDT
Truck / Ticket #:	43 / 127329	Sampled From:	Chute	Truck Empty:	05:04 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	76 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	Center West Side

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures: None			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	6
Air Temperature (F):	80	Concrete Temp (F):	85
		Plastic Unit Weight:	
		Air Content:	1.9
		Load Volume:	10.00 (yd ³)

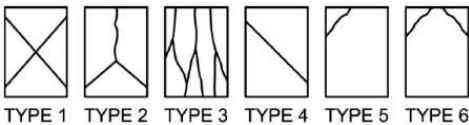
Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
18-1	7	06/03/25	1 / 6	4.00	12.57	44,955	3,580	3	F3	1
18-2	7	06/03/25	1 / 6	4.00	12.57	49,919	3,970	3	F3	1
18-3	28	06/24/25	1 / 27							
18-4	28	06/24/25	1 / 27							
18-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3770

Capping Methods							
F3: The 7 day test results did not meet the specifications.							
Tested By: Jaykob Quintanilla (1,2)							
Checked In : 05/28/2025 (1,2,3,4,5)							
1: Neoprene Pad							



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	17	Technician:	Jacob Chavez	Batched:	03:35 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	04:08 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	04:18 CDT
Truck / Ticket #:	166 / 153170	Sampled From:	Chute	Truck Empty:	04:31 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	56 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	Center East Side

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	La Feria	Strength:	4000 (psi)
On-Site Admixtures: 10.00 Gal Water			

Field Measurements			
Weather:	Mostly Clear	Slump (in):	5-1/2
Air Temperature (F):	80	Concrete Temp (F):	84
		Plastic Unit Weight:	
		Air Content:	1.8
		Load Volume:	10.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	79/94		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
17-1	7	06/03/25	1 / 6	4.00	12.57	57,908	4,610	3	R3	1
17-2	7	06/03/25	1 / 6	4.00	12.57	61,048	4,860	3	R3	1
17-3	28	06/24/25	1 / 27							
17-4	28	06/24/25	1 / 27							
17-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4730

Capping Methods								
R3: The 7 day test results meets or exceeds the 28 day specified strength.								
Tested By: Jaykob Quintanilla (1,2)								
Checked In : 05/28/2025 (1,2,3,4,5)								
1: Neoprene Pad								



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

George Solis

Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
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Weslaco, TX

Sample Details					
Set #:	16	Technician:	Jacob Chavez	Batched:	03:18 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	03:35 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	03:45 CDT
Truck / Ticket #:	68 / 153167	Sampled From:	Chute	Truck Empty:	03:57 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	39 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	South West Side

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	La Feria				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Mostly Clear	Slump (in):	5	Plastic Unit Weight:	
Air Temperature (F):	81	Concrete Temp (F):	83	Air Content:	1.7
				Load Volume:	10.00 (yd ³)

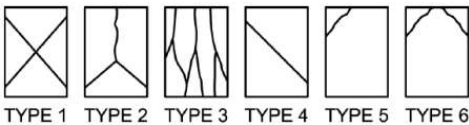
Standard Cure			Field Cure		
Min / Max Temp (F):	79/94				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
16-1	7	06/03/25	1 / 6	4.00	12.57	61,632	4,900	3	R3	1
16-2	7	06/03/25	1 / 6	4.00	12.57	62,560	4,980	3	R3	1
16-3	28	06/24/25	1 / 27							
16-4	28	06/24/25	1 / 27							
16-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4940

Capping Methods							
R3: The 7 day test results meets or exceeds the 28 day specified strength.							
Tested By: Jaykob Quintanilla (1,2)							
Checked In : 05/28/2025 (1,2,3,4,5)							
1: Neoprene Pad							



Respectfully Submitted by B2Z Engineering

George Solis

Jorge Solis, Laboratory Manager

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Project:

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Weslaco, TX

Sample Details					
Set #:	15	Technician:	Jacob Chavez	Batched:	02:57 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	03:10 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	03:20 CDT
Truck / Ticket #:	72 / 153164	Sampled From:	Chute	Truck Empty:	03:27 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	30 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	South center

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	La Feria				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Mostly Clear	Slump (in):	3	Plastic Unit Weight:	
Air Temperature (F):	81	Concrete Temp (F):	85	Air Content:	1.5
				Load Volume:	10.00 (yd ³)

Standard Cure			Field Cure		
Min / Max Temp (F):	79/94				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
15-1	7	06/03/25	1 / 6	4.00	12.57	65,641	5,220	2	R3	1
15-2	7	06/03/25	1 / 6	4.00	12.57	71,250	5,670	3	R3	1
15-3	28	06/24/25	1 / 27							
15-4	28	06/24/25	1 / 27							
15-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 5450

Capping Methods								
R3: The 7 day test results meets or exceeds the 28 day specified strength.								
Tested By: Jaykob Quintanilla (1,2)								
Checked In : 05/28/2025 (1,2,3,4,5)								
1: Neoprene Pad								



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

Jorge Solis

Jorge Solis, Laboratory Manager

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1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details

Set #:	14	Technician:	Jacob Chavez	Batched:	01:52 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	02:25 CDT
Specimens In Set:	5	Date Cast:	05/27/25	Cast:	02:35 CDT
Truck / Ticket #:	43 / 127314	Sampled From:	Chute	Truck Empty:	02:42 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	50 (min)

Location

Placement Location:	Building Pad/Slab
Location Details:	Basketball Court
Sample Location / Notes:	South Center

Batch Log

Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Mostly Clear	Slump (in):	5	Plastic Unit Weight:	
Air Temperature (F):	81	Concrete Temp (F):	85	Air Content:	1.6
				Load Volume:	10.00 (yd ³)

Standard Cure

Min / Max Temp (F):	79/94	Field Cure	
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results

Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
14-1	7	06/03/25	1 / 6	4.00	12.57	49,920	3,970	3	F3	1
14-2	7	06/03/25	1 / 6	4.00	12.57	50,333	4,000	2	F3	1
14-3	28	06/24/25	1 / 27							
14-4	28	06/24/25	1 / 27							
14-5	56	07/22/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3990

Capping Methods

F3: The 7 day test results did not meet the specifications.	1: Neoprene Pad
Tested By: Jaykob Quintanilla (1,2)	
Checked In : 05/28/2025 (1,2,3,4,5)	



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

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Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details			
Set #:	13	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	74 / 152725	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	09:48 CDT	Sampled:	10:03 CDT
Cast:	10:08 CDT	Truck Empty:	10:52 CDT
Placement Time:	64 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	NW side
Sample Location / Notes:	Basketball court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Clear	Slump (in):	6-1/2
Air Temperature (F):	80	Concrete Temp (F):	82
Plastic Unit Weight:			
Air Content:	1.1		
Load Volume:	9.00 (yd³)		

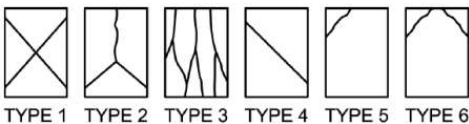
Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
13-1	7	05/13/25	1 / 6	4.00	12.57	49,635	3,950	3	F3	1
13-2	7	05/13/25	1 / 6	4.00	12.57	49,862	3,970	2	F3	1
13-3	28	06/03/25	1 / 27	4.00	12.57	54,604	4,340	3	R6	1
13-4	28	06/03/25	1 / 27	4.00	12.57	57,073	4,540	3	R6	1
13-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3960, 28 Day - 4440

Capping Methods	
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)	1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

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1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	12	Technician:	Omar Zarate	Batched:	08:50 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	09:09 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	09:14 CDT
Truck / Ticket #:	97 / 152717	Sampled From:	Chute	Truck Empty:	09:58 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	68 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	North Center
Sample Location / Notes:	Basketball court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures: None			

Field Measurements			
Weather:	Clear	Slump (in):	6-1/2
Air Temperature (F):	80	Concrete Temp (F):	82
		Plastic Unit Weight:	
		Air Content:	1.0
		Load Volume:	9.00 (yd³)

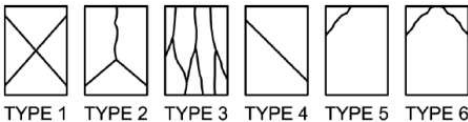
Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
12-1	7	05/13/25	1 / 6	4.00	12.57	44,322	3,530	2	F3	1
12-2	7	05/13/25	1 / 6	4.00	12.57	45,160	3,590	3	F3	1
12-3	28	06/03/25	1 / 27	4.00	12.57	51,950	4,130	2	R6	1
12-4	28	06/03/25	1 / 27	4.00	12.57	48,249	3,840	2	R6	1
12-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3560, 28 Day - 3990

Capping Methods	
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)	1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

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Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	11	Technician:	Omar Zarate	Batched:	08:04 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	08:20 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	08:25 CDT
Truck / Ticket #:	60 / 152711	Sampled From:	Chute	Truck Empty:	09:14 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	70 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	Center
Sample Location / Notes:	Basketball court

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Clear	Slump (in):	5	Plastic Unit Weight:	
Air Temperature (F):	80	Concrete Temp (F):	82	Air Content:	80.0
				Load Volume:	9.00 (yd ³)

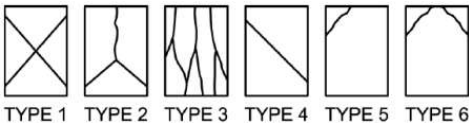
Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
11-1	7	05/13/25	1 / 6	4.00	12.57	48,422	3,850	3	F3	1
11-2	7	05/13/25	1 / 6	4.00	12.57	51,182	4,070	3	R3	1
11-3	28	06/03/25	1 / 27	4.00	12.57	55,878	4,450	3	R6	1
11-4	28	06/03/25	1 / 27	4.00	12.57	56,933	4,530	2	R6	1
11-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3960, 28 Day - 4490

Capping Methods							
F3: The 7 day test results did not meet the specifications. R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



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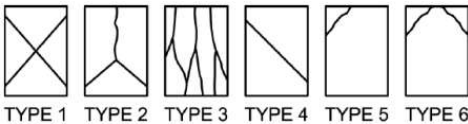
Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details																													
Set #:	10	Technician:	Omar Zarate	Batched:	07:45 CDT	Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	07:57 CDT	Specimens In Set:	5	Date Cast:	05/06/25	Cast:	08:03 CDT	Truck / Ticket #:	73 / 152707	Sampled From:	Chute	Truck Empty:	08:38 CDT	Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	53 (min)
Location																													
Placement Location:	Building Pad/Slab																												
Location Details:	NE side																												
Sample Location / Notes:	Basketball court																												
Batch Log						Specifications																							
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)	Plant:	Mission	On-Site Admixtures:	None																				
Field Measurements																													
Weather:	Mostly clear		Slump (in):	6	Plastic Unit Weight:																								
Air Temperature (F):	80		Concrete Temp (F):	82	Air Content:	1.5																							
					Load Volume:	9.00 (yd ³)																							
Standard Cure						Field Cure																							
Min / Max Temp (F):	78/95																												
Initial Cure Method:	Plastic Cover/Lid/Blanket																												
Final Cure Method:	Water Storage Tank																												
Lab Test Results																													
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572																													
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method																			
10-1	7	05/13/25	1 / 6	4.00	12.57	51,235	4,080	3	R3	1																			
10-2	7	05/13/25	1 / 6	4.00	12.57	51,953	4,130	3	R3	1																			
10-3	28	06/03/25	1 / 27	4.00	12.57	57,196	4,550	3	R6	1																			
10-4	28	06/03/25	1 / 27	4.00	12.57	57,710	4,590	2	R6	1																			
10-5	56	07/01/25	1 / 55																										
Test Age Average Strengths (psi): 7 Day - 4100, 28 Day - 4570																													
										Capping Methods																			
R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)										1: Neoprene Pad																			



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Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	9	Technician:	Omar Zarate	Batched:	06:02 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	07:15 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	07:20 CDT
Truck / Ticket #:	72 / 152700	Sampled From:	Chute	Truck Empty:	07:29 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	87 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	North center side
Sample Location / Notes:	Basketball court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly clear	Slump (in):	4
Air Temperature (F):	79	Concrete Temp (F):	81
		Plastic Unit Weight:	
		Air Content:	1.5
		Load Volume:	10.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
9-1	7	05/13/25	1 / 6	4.00	12.57	45,094	3,590	3	F3	1
9-2	7	05/13/25	1 / 6	4.00	12.57	45,945	3,660	3	F3	1
9-3	28	06/03/25	1 / 27	4.00	12.57	51,569	4,100	2	R6	1
9-4	28	06/03/25	1 / 27	4.00	12.57	53,994	4,300	2	R6	1
9-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3620, 28 Day - 4200

Capping Methods	
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)	1: Neoprene Pad



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

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Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details			
Set #:	8	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	73 / 152699	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	05:55 CDT	Sampled:	06:48 CDT
Cast:	06:53 CDT	Truck Empty:	07:14 CDT
Placement Time:	79 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	NE side
Sample Location / Notes:	Basketball court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly clear	Slump (in):	6-1/2
Air Temperature (F):	79	Concrete Temp (F):	82
Plastic Unit Weight:			
Air Content:	1.5		
Load Volume:	10.00 (yd ³)		

Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
8-1	7	05/13/25	1 / 6	4.00	12.57	46,800	3,720	3	F3	1
8-2	7	05/13/25	1 / 6	4.00	12.57	47,475	3,780	3	F3	1
8-3	28	06/03/25	1 / 27	4.00	12.57	54,596	4,340	2	R6	1
8-4	28	06/03/25	1 / 27	4.00	12.57	55,695	4,430	3	R6	1
8-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3750, 28 Day - 4390

Capping Methods	
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)	1: Neoprene Pad



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

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Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details			
Set #:	7	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	166 / 152697	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	05:39 CDT	Sampled:	06:22 CDT
Cast:	06:27 CDT	Truck Empty:	06:59 CDT
Placement Time:	80 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	SE side
Sample Location / Notes:	Basketball Court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly clear	Slump (in):	5
Air Temperature (F):	79	Concrete Temp (F):	82
Plastic Unit Weight:			
Air Content:	1.5		
Load Volume:	10.00 (yd ³)		

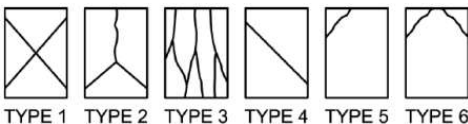
Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
7-1	7	05/13/25	1 / 6	4.00	12.57	45,258	3,600	3	F3	1
7-2	7	05/13/25	1 / 6	4.00	12.57	46,468	3,700	3	F3	1
7-3	28	06/03/25	1 / 27	4.00	12.57	55,650	4,430	2	R6	1
7-4	28	06/03/25	1 / 27	4.00	12.57	56,313	4,480	2	R6	1
7-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3650, 28 Day - 4450

Capping Methods							
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



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Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details			
Set #:	6	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	39 / 126304	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	04:38 CDT	Sampled:	05:29 CDT
Cast:	05:34 CDT	Truck Empty:	05:57 CDT
Placement Time:	79 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	South center
Sample Location / Notes:	Basketball court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly clear	Slump (in):	5-1/2
Air Temperature (F):	79	Concrete Temp (F):	81
Plastic Unit Weight:			
Air Content:	1.4		
Load Volume:	10.00 (yd ³)		

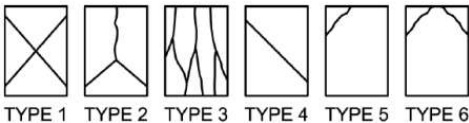
Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
6-1	7	05/13/25	1 / 6	4.00	12.57	47,577	3,780	3	F3	1
6-2	7	05/13/25	1 / 6	4.00	12.57	51,506	4,100	3	R3	1
6-3	28	06/03/25	1 / 27	4.00	12.57	56,158	4,470	2	R6	1
6-4	28	06/03/25	1 / 27	4.00	12.57	56,480	4,490	2	R6	1
6-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3940, 28 Day - 4480

Capping Methods								
F3: The 7 day test results did not meet the specifications. R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)								
1: Neoprene Pad								



Respectfully Submitted by B2Z Engineering

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Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 1
1902 Joe Stephens Ave #101
Weslaco, TX 78596

Project:

1105
Wellness, Activity & Community Center
various
Weslaco, TX

Sample Details					
Set #:	5	Technician:	Omar Zarate	Batched:	04:25 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	05:08 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	05:13 CDT
Truck / Ticket #:	72 / 152692	Sampled From:	Chute	Truck Empty:	05:46 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	81 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	South Center
Sample Location / Notes:	Basketball Court

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Mostly clear	Slump (in):	3-1/2	Plastic Unit Weight:	
Air Temperature (F):	79	Concrete Temp (F):	80	Air Content:	1.5
				Load Volume:	10.00 (yd ³)

Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results											
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572											

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
5-1	7	05/13/25	1 / 6	4.00	12.57	50,317	4,000	3	R3	1
5-2	7	05/13/25	1 / 6	4.00	12.57	51,813	4,120	2	R3	1
5-3	28	06/03/25	1 / 27	4.00	12.57	59,282	4,720	3	R6	1
5-4	28	06/03/25	1 / 27	4.00	12.57	60,761	4,830	3	R6	1
5-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4060, 28 Day - 4770

Capping Methods							
R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

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Weslaco, TX

Sample Details			
Set #:	4	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	11 / 152690	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	04:07 CDT	Sampled:	04:45 CDT
Cast:	04:50 CDT	Truck Empty:	05:25 CDT
Placement Time:	78 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	SE side
Sample Location / Notes:	Basketball Court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly clear	Slump (in):	4-3/4
Air Temperature (F):	79	Concrete Temp (F):	81
Plastic Unit Weight:			
Air Content:	1.3		
Load Volume:	10.00 (yd ³)		

Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
4-1	7	05/13/25	1 / 6	4.00	12.57	55,667	4,430	3	R3	1
4-2	7	05/13/25	1 / 6	4.00	12.57	57,525	4,580	3	R3	1
4-3	28	06/03/25	1 / 27	4.00	12.57	62,911	5,000	3	R6	1
4-4	28	06/03/25	1 / 27	4.00	12.57	65,166	5,180	2	R6	1
4-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4500, 28 Day - 5090

Capping Methods									
R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)								1: Neoprene Pad	



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

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Project:

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various
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Sample Details					
Set #:	3	Technician:	Omar Zarate	Batched:	03:38 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	03:55 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	04:00 CDT
Truck / Ticket #:	912 / 152687	Sampled From:	Chute	Truck Empty:	04:10 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	32 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	SW Corner
Sample Location / Notes:	Basketball Court

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Mostly cloudy	Slump (in):	6-1/2	Plastic Unit Weight:	
Air Temperature (F):	79	Concrete Temp (F):	80	Air Content:	1.6
				Load Volume:	10.00 (yd ³)

Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
3-1	7	05/13/25	1 / 6	4.00	12.57	52,528	4,180	3	R3	1
3-2	7	05/13/25	1 / 6	4.00	12.57	54,323	4,320	3	R3	1
3-3	28	06/03/25	1 / 27	4.00	12.57	64,226	5,110	2	R6	1
3-4	28	06/03/25	1 / 27	4.00	12.57	64,614	5,140	2	R6	1
3-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4250, 28 Day - 5120

Capping Methods							
R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

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Sample Details					
Set #:	2	Technician:	Omar Zarate	Batched:	02:16 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	02:58 CDT
Specimens In Set:	5	Date Cast:	05/06/25	Cast:	03:03 CDT
Truck / Ticket #:	40 / 126285	Sampled From:	Chute	Truck Empty:	03:42 CDT
Contractor:	NM Contracting	Placement Method:	Pump	Placement Time:	86 (min)

Location	
Placement Location:	Building Pad/Slab
Location Details:	SE Corner
Sample Location / Notes:	Basketball Court

Batch Log				Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Mostly clear	Slump (in):	6	Plastic Unit Weight:	
Air Temperature (F):	80	Concrete Temp (F):	79	Air Content:	1.3
				Load Volume:	10.00 (yd ³)

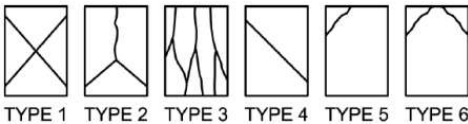
Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
2-1	7	05/13/25	1 / 6	4.00	12.57	46,861	3,730	3	F3	1
2-2	7	05/13/25	1 / 6	4.00	12.57	47,464	3,780	5	F3	1
2-3	28	06/03/25	1 / 27	4.00	12.57	53,908	4,290	2	R6	1
2-4	28	06/03/25	1 / 27	4.00	12.57	54,724	4,350	3	R6	1
2-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3750, 28 Day - 4320

Capping Methods							
F3: The 7 day test results did not meet the specifications. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



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Sample Details			
Set #:	1	Technician:	Omar Zarate
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate
Specimens In Set:	5	Date Cast:	05/06/25
Truck / Ticket #:	11 / 152682	Sampled From:	Chute
Contractor:	NM Contracting	Placement Method:	Pump
Batched:	01:50 CDT	Sampled:	02:10 CDT
Cast:	02:15 CDT	Truck Empty:	03:10 CDT
Placement Time:	80 (min)		

Location	
Placement Location:	Building Pad/Slab
Location Details:	SE Corner
Sample Location / Notes:	Basketball Court

Batch Log		Specifications	
Supplier:	Royal Ready Mix	Mix Design:	4000 PSI
Plant:	Mission	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Mostly Clear	Slump (in):	6
Air Temperature (F):	80	Concrete Temp (F):	79
		Plastic Unit Weight:	
		Air Content:	1.7
		Load Volume:	10.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	78/95		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
1-1	7	05/13/25	1 / 6	4.00	12.57	51,834	4,120	3	R3	1
1-2	7	05/13/25	1 / 6	4.00	12.57	54,318	4,320	3	R3	1
1-3	28	06/03/25	1 / 27	4.00	12.57	59,124	4,700	2	R6	1
1-4	28	06/03/25	1 / 27	4.00	12.57	60,491	4,810	2	R6	1
1-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4220, 28 Day - 4760

Capping Methods							
R3: The 7 day test results meets or exceeds the 28 day specified strength. R6: The 28 day test results meets or exceeds the 56 day specified strength. Tested By: Jaykob Quintanilla (1,2,3,4) Checked In : 05/07/2025 (1,2,3,4,5)							
1: Neoprene Pad							



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

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