

June 4, 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 May 2025 on the subject referenced project.

The following is attached:

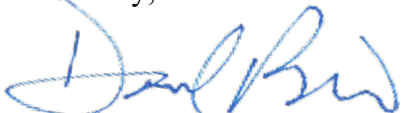
- Invoice No. 10117

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

<b>Direct Expenses (CMT)</b>	
B2Z conducted the following tests in May 2025: <ul style="list-style-type: none"><li>• WACC-1C through WACC-13C 7 Day</li><li>• WACC-1I</li></ul>	<b>43%</b>

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



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

## Invoice

Date	Invoice #
6/4/2025	10117

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

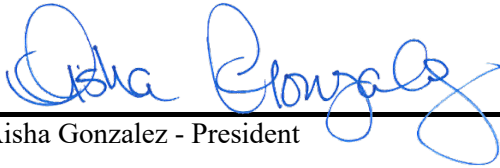
B2Z JOB: 1106

**Billing Period**                      **May 2025**

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Consturction Materials Testing (CMT)	\$ 64,999.45	\$ 25,999.78	\$ 1,949.98	\$ 27,949.76	43%
<b>Total For This Billing Period</b>					<b>1,949.98</b>

**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	\$25,999.78	43.0%	\$37,049.69

  
 Aisha Gonzalez - President

**5-1301-441-67-121-358-1-730**  
**Project Number (ARPA-24-121-358)**  
**PO 894671**

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

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

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

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

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

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
1-4	28	06/03/25	1 / 27							
1-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 4220**

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

**Client:**Hidalgo County Precinct No. 1  
1902 Joe Stephens Ave #101  
Weslaco, TX 78596**Project:**1105  
Wellness, Activity & Community Center  
various  
Weslaco, TX**Project Contractor:** NM Contracting

On 05/05/2025, a representative of B2Z Engineering was dispatched to the subject project to perform a Rebar Inspection on the Basketball Court Foundation. Please see attached report.

**Contractor/Inspector Present:**

NM Contracting

**Inspector/Technician:**

Luke Bandy

Respectfully Submitted by B2Z Engineering



Jorge Solis, Laboratory Manager



Date Mon 05/05/2025

Job #

## Weather

6:00 AM

76° 

Overcast

Wind: 10 MPH | Precipitation: .0" | Humidity: 87%

12:00 PM

84° 

Overcast

Wind: 19 MPH | Precipitation: .0" | Humidity: 68%

4:00 PM

87° 

Overcast

Wind: 16 MPH | Precipitation: .0" | Humidity: 57%

## General Notes

1. May 5, 2025  
CMT  
Rebar Inspection

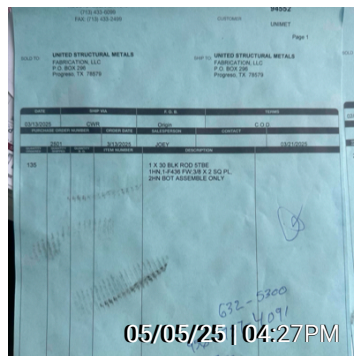
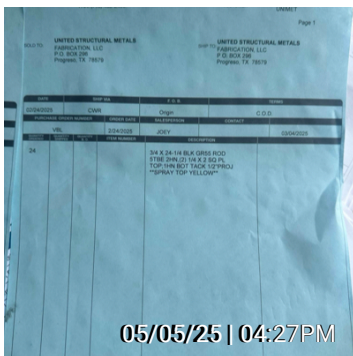
Rebar inspection on basketball court foundation

Top clearance/Side clearance/Bottom clearance all meet correct specs

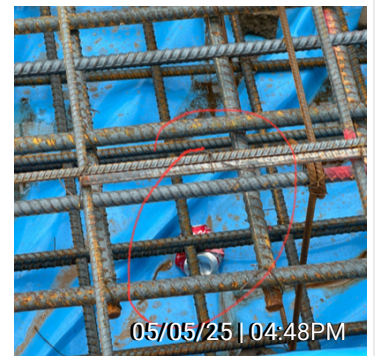
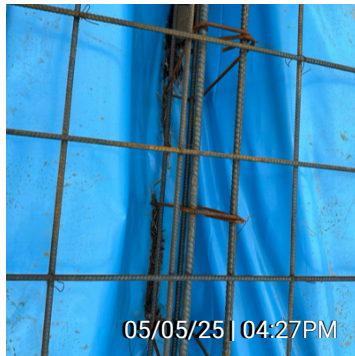
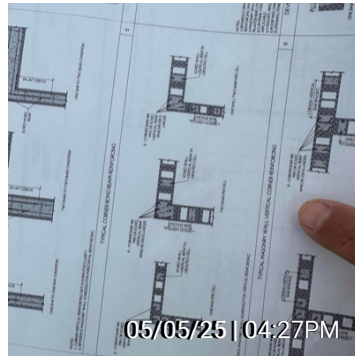
Not to specs (but fixed on the spot)

- Missing Rebar #6 dowels around foundation N, S, E, and W.
- Minor debris found in NW corner
- Minor soil debris found in bottom middle trench
- Missing shear red tape on vertical PVC pipes in NW corner
- Splice #4 rebar loose, needs to be tied in NW.
- Missing anchor bolts on NE Corner

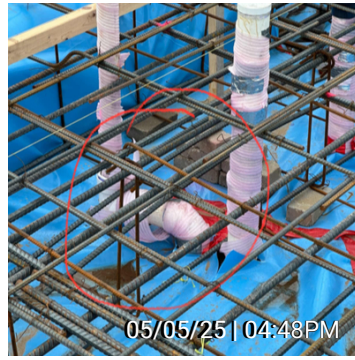
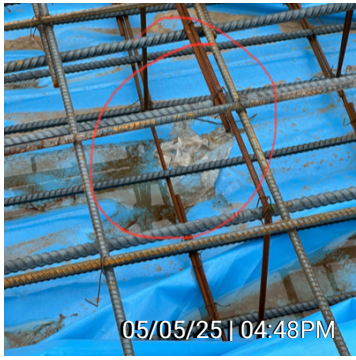
David Rivera | 05/05/25 | 04:49PM











## Survey

Questions	N/A	No	Yes	Description
1. Was the Contractor charged a working day? What are the total number of working days charged to date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Is the Contractor following the approved Traffic Control Plan (TCP)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Are the Traffic Control devices in acceptable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Is the Storm Water Pollution Prevention Plan (SW3P) installed as per approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Are the SW3P devices in acceptable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. At the time of this survey, was there a weather event that resulted in a 1/2" of precipitation or greater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Does the Prime Contractor have any equipment on site? If yes, please list the type and quantity of equipment used per work crew.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Does the Sub-Contractor have any equipment on site? If yes, please list the type and quantity of equipment used per work crew.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Any accidents on site today?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Any visitors on site? If yes, please list the name				

of the visitors and the entity they represent.

**11.** Any areas that can't be worked on?

**Mission Office**

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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 #:	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 <sup>3</sup> )

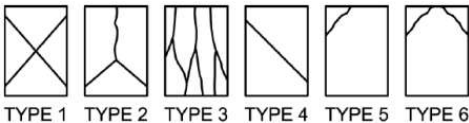
Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

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 <sup>2</sup> )	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							
2-4	28	06/03/25	1 / 27							
2-5	56	07/01/25	1 / 55							

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

Capping Methods							
F3: The 7 day test results did not meet the specifications.							
Tested By: Jaykob Quintanilla (1,2)							
Checked In : 05/07/2025 (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			
<b>Set #:</b>	3	<b>Technician:</b>	Omar Zarate
<b>Specimen Size:</b>	4 x 8 Cast Cylinder	<b>Cast By:</b>	Omar Zarate
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	05/06/25
<b>Truck / Ticket #:</b>	912 / 152687	<b>Sampled From:</b>	Chute
<b>Contractor:</b>	NM Contracting	<b>Placement Method:</b>	Pump
<b>Batched:</b>	03:38 CDT	<b>Sampled:</b>	03:55 CDT
<b>Cast:</b>	04:00 CDT	<b>Truck Empty:</b>	04:10 CDT
<b>Placement Time:</b>	32 (min)		

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

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

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

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

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
3-4	28	06/03/25	1 / 27							
3-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 4250**

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

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

**Location**

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

**Batch Log**

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

**Specifications**

**Field Measurements**

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

**Standard Cure**

<b>Min / Max Temp (F):</b>	78/95	<b>Field Cure</b>	
<b>Initial Cure Method:</b>	Plastic Cover/Lid/Blanket		
<b>Final Cure Method:</b>	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 <sup>2</sup> )	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							
4-4	28	06/03/25	1 / 27							
4-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi):** 7 Day - 4500

**Capping Methods**

<b>R3:</b> The 7 day test results meets or exceeds the 28 day specified strength.	<b>1:</b> Neoprene Pad
<b>Tested By:</b> Jaykob Quintanilla (1,2)	
<b>Checked In :</b> 05/07/2025 (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

**Mission Office**

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

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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 <sup>3</sup> )

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 <sup>2</sup> )	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							
5-4	28	06/03/25	1 / 27							
5-5	56	07/01/25	1 / 55							

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

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

*Jorge Solis*

Jorge Solis, Laboratory Manager



**Mission Office**

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Mission, TX 78572  
Phone: 956-585-3773

**Client:**

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1902 Joe Stephens Ave #101  
Weslaco, TX 78596

**Project:**

1105  
Wellness, Activity & Community Center  
various  
Weslaco, TX

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

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

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

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

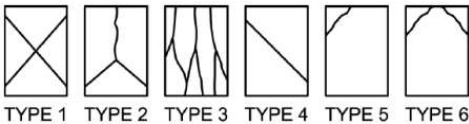
Standard Cure			Field Cure		
<b>Min / Max Temp (F):</b>	78/95				
<b>Initial Cure Method:</b>	Plastic Cover/Lid/Blanket				
<b>Final Cure Method:</b>	Water Storage Tank				

Lab Test Results											
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
6-4	28	06/03/25	1 / 27							
6-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 3940**

Capping Methods								
<b>F3:</b> The 7 day test results did not meet the specifications. <b>R3:</b> The 7 day test results meets or exceeds the 28 day specified strength. <b>Tested By:</b> Jaykob Quintanilla (1,2) <b>Checked In :</b> 05/07/2025 (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			
<b>Set #:</b>	7	<b>Technician:</b>	Omar Zarate
<b>Specimen Size:</b>	4 x 8 Cast Cylinder	<b>Cast By:</b>	Omar Zarate
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	05/06/25
<b>Truck / Ticket #:</b>	166 / 152697	<b>Sampled From:</b>	Chute
<b>Contractor:</b>	NM Contracting	<b>Placement Method:</b>	Pump
<b>Batched:</b>	05:39 CDT	<b>Sampled:</b>	06:22 CDT
<b>Cast:</b>	06:27 CDT	<b>Truck Empty:</b>	06:59 CDT
<b>Placement Time:</b>	80 (min)		

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

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

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

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

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
7-4	28	06/03/25	1 / 27							
7-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 3650**

Capping Methods							
<b>F3:</b> The 7 day test results did not meet the specifications.							
<b>Tested By:</b> Jaykob Quintanilla (1,2)							
<b>Checked In :</b> 05/07/2025 (1,2,3,4,5)							
<b>1:</b> 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			
<b>Set #:</b>	8	<b>Technician:</b>	Omar Zarate
<b>Specimen Size:</b>	4 x 8 Cast Cylinder	<b>Cast By:</b>	Omar Zarate
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	05/06/25
<b>Truck / Ticket #:</b>	73 / 152699	<b>Sampled From:</b>	Chute
<b>Contractor:</b>	NM Contracting	<b>Placement Method:</b>	Pump
<b>Batched:</b>	05:55 CDT	<b>Sampled:</b>	06:48 CDT
<b>Cast:</b>	06:53 CDT	<b>Truck Empty:</b>	07:14 CDT
<b>Placement Time:</b>	79 (min)		

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

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

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

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

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
8-4	28	06/03/25	1 / 27							
8-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 3750**

Capping Methods							
<b>F3:</b> The 7 day test results did not meet the specifications.							
<b>Tested By:</b> Jaykob Quintanilla (1,2)							
<b>Checked In :</b> 05/07/2025 (1,2,3,4,5)							
<b>1:</b> 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 #:	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	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

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

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 <sup>2</sup> )	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							
9-4	28	06/03/25	1 / 27							
9-5	56	07/01/25	1 / 55							

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

Capping Methods								
F3: The 7 day test results did not meet the specifications.								
Tested By: Jaykob Quintanilla (1,2)								
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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*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					
<b>Set #:</b>	10	<b>Technician:</b>	Omar Zarate	<b>Batched:</b>	07:45 CDT
<b>Specimen Size:</b>	4 x 8 Cast Cylinder	<b>Cast By:</b>	Omar Zarate	<b>Sampled:</b>	07:57 CDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	05/06/25	<b>Cast:</b>	08:03 CDT
<b>Truck / Ticket #:</b>	73 / 152707	<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	08:38 CDT
<b>Contractor:</b>	NM Contracting	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	53 (min)

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

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

Field Measurements					
<b>Weather:</b>	Mostly clear	<b>Slump (in):</b>	6	<b>Plastic Unit Weight:</b>	
<b>Air Temperature (F):</b>	80	<b>Concrete Temp (F):</b>	82	<b>Air Content:</b>	1.5
				<b>Load Volume:</b>	9.00 (yd <sup>3</sup> )

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

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
10-4	28	06/03/25	1 / 27							
10-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 4100**

Capping Methods							
<b>R3:</b> The 7 day test results meets or exceeds the 28 day specified strength.							
<b>Tested By:</b> Jaykob Quintanilla (1,2)							
<b>Checked In :</b> 05/07/2025 (1,2,3,4,5)							
<b>1:</b> 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 #:	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 <sup>3</sup> )

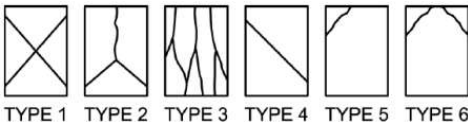
Standard Cure			Field Cure		
Min / Max Temp (F):	78/95				
Initial Cure Method:	Plastic Cover/Lid/Blanket				
Final Cure Method:	Water Storage Tank				

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 <sup>2</sup> )	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							
11-4	28	06/03/25	1 / 27							
11-5	56	07/01/25	1 / 55							

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

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



Respectfully Submitted by B2Z Engineering

*Jorge Solis*  
Jorge Solis, Laboratory Manager



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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 #:	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	Strength:	4000 (psi)
Plant:	Mission				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Clear	Slump (in):	6-1/2	Plastic Unit Weight:	
Air Temperature (F):	80	Concrete Temp (F):	82	Air Content:	1.0
				Load Volume:	9.00 (yd <sup>3</sup> )

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 <sup>2</sup> )	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							
12-4	28	06/03/25	1 / 27							
12-5	56	07/01/25	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3560										
										<b>Capping Methods</b>

F3: The 7 day test results did not meet the specifications.										1: Neoprene Pad
Tested By: Jaykob Quintanilla (1,2)										
Checked In : 05/07/2025 (1,2,3,4,5)										



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

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*Jorge Solis*

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

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

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

Field Measurements			
<b>Weather:</b>	Clear	<b>Slump (in):</b>	6-1/2
<b>Air Temperature (F):</b>	80	<b>Concrete Temp (F):</b>	82
<b>Plastic Unit Weight:</b>			
<b>Air Content:</b>	1.1		
<b>Load Volume:</b>	9.00 (yd <sup>3</sup> )		

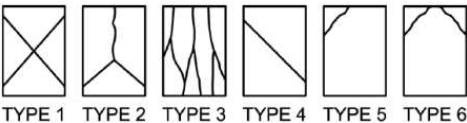
Standard Cure		Field Cure	
<b>Min / Max Temp (F):</b>	78/95		
<b>Initial Cure Method:</b>	Plastic Cover/Lid/Blanket		
<b>Final Cure Method:</b>	Water Storage Tank		

Lab Test Results										
<b>Testing Lab:</b> 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 <sup>2</sup> )	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							
13-4	28	06/03/25	1 / 27							
13-5	56	07/01/25	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 3960**

Capping Methods							
<b>F3:</b> The 7 day test results did not meet the specifications.							
<b>Tested By:</b> Jaykob Quintanilla (1,2)							
<b>Checked In :</b> 05/07/2025 (1,2,3,4,5)							
<b>1:</b> Neoprene Pad							



Respectfully Submitted by B2Z Engineering

*Jorge Solis*  
Jorge Solis, Laboratory Manager