



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

Invoice

Date	Invoice #
11/4/2025	20571

Please send remittance with copy of invoice to:

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

Bill To:

Hidalgo County Precinct #2
 300 W. Hall Acres Rd.
 Pharr, TX 78577

Project Info:

McAllen Health Clinic Improvement Project
 Contract # C-24-0150-05-28
 Work Authorization #2 - CMT
 PO # 902385
 B2Z JOB: 2324


Billing Period October 2025

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Construction Materials Testing (CMT)	\$ 49,402.00	\$ 18,525.75	\$ 6,175.25	\$ 24,701.00	50.0%
Total For This Billing Period					\$6,175.25

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
2	\$49,402.00	\$18,525.75	50.0%	\$24,701.00


 Aisha Gonzalez - President


 3-4-26

November 4, 2025

Hon. Eddie Cantu
Commissioner, Hidalgo County Pct. 2
300 W. Hall Acres Rd.
Pharr, TX 78577

**RE: Contract # C-24-0150-05-28
Pct. 2 McAllen Health Clinic
Work Authorization #2 ~ CMT**

Dear Commissioner Cantu:

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

The following is attached:

- Invoice No. 20571

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

TASK	% Complete
Construction Material Testing (CMT)	50%
UPDATE: B2Z performed the following tests during the month of October. <ul style="list-style-type: none">• B2Z Report No. MHC-4SA & 4SB• B2Z Report No. MHC-3I• B2Z Report No. MHC-2C through MHC-7C 56 Day	

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

Sincerely,



David Rivera
Project Manager

Mission Office

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

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Sample Details

Set #:	7	Technician:	Ruben Singletery	Batched:	04:48 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singletery	Sampled:	06:05 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	06:09 CDT
Truck / Ticket #:	360 / 611258	Sampled From:	Chute	Truck Empty:	06:17 CDT
Contractor:	RGV construction	Placement Method:	Pump	Placement Time:	89 (min)

Location

Placement Location:	Building Pad/Slab
Location Details:	Building pad
Sample Location / Notes:	34' South and 20' West of northeast corner of building (pad)

Batch Log

Supplier:	CRM Concrete Company	Mix Design:	4000CR1
Plant:	San Juan		
On-Site Admixtures:	None		

Specifications

Strength:	4000 (psi)
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Field Measurements

Weather:	Clear	Slump (in):	6 (As Approved)	Plastic Unit Weight:	
Air Temperature (F):	81	Concrete Temp (F):	85 (Max 95)	Air Content:	
				Load Volume:	237.50 (yd ³)

Standard Cure

Min / Max Temp (F):	79/97
Initial Cure Method:	Plastic Cover/Lid/Blanket
Final Cure Method:	Water Storage Tank

Field Cure

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	08/14/25	1 / 6	4.00	12.57	44,811	3,560	2	F3	1
7-2	7	08/14/25	1 / 6	4.00	12.57	51,204	4,070	2	R3	1
7-3	7	08/14/25	1 / 6	4.00	12.57	51,995	4,140	2	R3	1
7-4	28	09/04/25	1 / 27	4.00	12.57	60,874	4,840	3	R6	1
7-5	28	09/04/25	1 / 27	4.00	12.57	65,876	5,240	3	R6	1
7-6	28	09/04/25	1 / 27	4.00	12.57	68,514	5,450	3	R6	1
7-7	56	10/02/25	1 / 55	4.00	12.57	77,086	6,130	3	R9	1

Test Age Average Strengths (psi): 7 Day - 3920, 28 Day - 5180, 56 Day - 6130

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.
R9: The 56 day test results meets specifications.

Tested By: Jaykob Quintanilla (1,2,3,4,5,6,7)

Checked In : 08/08/2025 (1,2,3,4,5,6,7)

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. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Sample Details

Set #:	6	Technician:	Ruben Singletery	Batched:	04:15 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singletery	Sampled:	05:27 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	05:32 CDT
Truck / Ticket #:	313 / 611251	Sampled From:	Chute	Truck Empty:	05:44 CDT
Contractor:	RGV construction	Placement Method:	Pump	Placement Time:	89 (min)

Location

Placement Location: Building Pad/Slab
Location Details: Building Pad
Sample Location / Notes: 5' S and 20' W of NE corner of building (pad)

Batch Log

Supplier: CRM Concrete Company
Plant: San Juan
Mix Design: 4000CR1
On-Site Admixtures: None

Specifications

Strength: 4000 (psi)

Field Measurements

Weather: Clear
Air Temperature (F): 81
Slump (in): 6 (As Approved)
Concrete Temp (F): 85 (Max 95)
Plastic Unit Weight:
Air Content:
Load Volume: 199.50 (yd³)

Standard Cure

Min / Max Temp (F): 79/97
Initial Cure Method: Plastic Cover/Lid/Blanket
Final Cure Method: Water Storage Tank

Field Cure

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
6-1	7	08/14/25	1 / 6	4.00	12.57	50,298	4,000	3	R3	1
6-2	7	08/14/25	1 / 6	4.00	12.57	44,811	3,560	2	F3	1
6-3	7	08/14/25	1 / 6	4.00	12.57	51,204	4,070	2	R3	1
6-4	28	09/04/25	1 / 27	4.00	12.57	70,702	5,620	3	R6	1
6-5	28	09/04/25	1 / 27	4.00	12.57	73,419	5,840	3	R6	1
6-6	28	09/04/25	1 / 27	4.00	12.57	74,345	5,910	3	R6	1
6-7	56	10/02/25	1 / 55	4.00	12.57	78,791	6,270	3	R9	1

Test Age Average Strengths (psi): 7 Day - 3880, 28 Day - 5790, 56 Day - 6270

Capping Methods

R3: The 7 day test results meets or exceeds the 28 day specified strength.
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.
R9: The 56 day test results meets specifications.

Tested By: Jaykob Quintanilla (1,2,3,4,5,6,7)

Checked In : 08/08/2025 (1,2,3,4,5,6,7)

1: Neoprene Pad



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

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Mission Office

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

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Sample Details

Set #:	5	Technician:	Ruben Singleterry	Batched:	03:40 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singleterry	Sampled:	04:58 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	05:03 CDT
Truck / Ticket #:	362 / 611245	Sampled From:	Chute	Truck Empty:	05:09 CDT
Contractor:	RGV construction	Placement Method:	Pump	Placement Time:	89 (min)

Location

Placement Location: Building Pad/Slab
Location Details: Building pad
Sample Location / Notes: 40' E and 38' N of SW corner of building (pad)

Batch Log

Supplier: CRM Concrete Company
Plant: San Juan
Mix Design: 4000CR1
On-Site Admixtures: None

Specifications

Strength: 4000 (psi)

Field Measurements

Weather: Clear
Air Temperature (F): 81
Slump (in): 4 (As Approved)
Concrete Temp (F): 86 (Max 95)
Plastic Unit Weight:
Air Content:
Load Volume: 152.00 (yd³)

Standard Cure

Min / Max Temp (F): 79/97
Initial Cure Method: Plastic Cover/Lid/Blanket
Final Cure Method: Water Storage Tank

Field Cure

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	08/14/25	1 / 6	4.00	12.57	64,122	5,100	2	R3	1
5-2	7	08/14/25	1 / 6	4.00	12.57	64,613	5,140	2	R3	1
5-3	7	08/14/25	1 / 6	4.00	12.57	66,430	5,280	2	R3	1
5-4	28	09/04/25	1 / 27	4.00	12.57	86,413	6,870	3	R6	1
5-5	28	09/04/25	1 / 27	4.00	12.57	87,165	6,930	3	R6	1
5-6	28	09/04/25	1 / 27	4.00	12.57	88,344	7,030	3	R6	1
5-7	56	10/02/25	1 / 55	4.00	12.57	96,455	7,670	3	R9	1

Test Age Average Strengths (psi): 7 Day - 5180, 28 Day - 6950, 56 Day - 7670

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.
R9: The 56 day test results meets specifications.

Tested By: Jaykob Quintanilla (1,2,3,4,5,6,7)

Checked In: 08/08/2025 (1,2,3,4,5,6,7)

1: Neoprene Pad



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

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Mission Office

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

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Sample Details

Set #:	4	Technician:	Ruben Singletery	Batched:	03:01 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singletery	Sampled:	04:20 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	04:25 CDT
Truck / Ticket #:	335 / 611239	Sampled From:	Chute	Truck Empty:	04:31 CDT
Contractor:	RGV construction	Placement Method:	Pump	Placement Time:	90 (min)

Location

Placement Location: Building Pad/Slab
Location Details: Building pad
Sample Location / Notes: 28' N of SW corner of building (exterior beam)

Batch Log

Supplier: CRM Concrete Company
Plant: San Juan
Mix Design: 4000CR1
On-Site Admixtures: None

Specifications

Strength: 4000 (psi)

Field Measurements

Weather: Clear
Air Temperature (F): 81
Slump (in): 6 (As Approved)
Concrete Temp (F): 86 (Max 95)
Plastic Unit Weight:
Air Content:
Load Volume: 104.50 (yd³)

Standard Cure

Min / Max Temp (F): 79/97
Initial Cure Method: Plastic Cover/Lid/Blanket
Final Cure Method: Water Storage Tank

Field Cure

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	08/14/25	1 / 6	4.00	12.57	49,429	3,930	2	F3	1
4-2	7	08/14/25	1 / 6	4.00	12.57	50,134	3,990	2	F3	1
4-3	7	08/14/25	1 / 6	4.00	12.57	51,966	4,130	2	R3	1
4-4	28	09/04/25	1 / 27	4.00	12.57	71,646	5,700	3	R6	1
4-5	28	09/04/25	1 / 27	4.00	12.57	74,047	5,890	3	R6	1
4-6	28	09/04/25	1 / 27	4.00	12.57	74,499	5,930	3	R6	1
4-7	56	10/02/25	1 / 55	4.00	12.57	79,242	6,300	3	R6	1

Test Age Average Strengths (psi): 7 Day - 4020, 28 Day - 5840, 56 Day - 6300

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 (1,2,3,4,5,6,7)
Checked In : 08/08/2025 (1,2,3,4,5,6,7)

1: Neoprene Pad



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

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Mission Office

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

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Sample Details

Set #:	3	Technician:	Ruben Singleterry	Batched:	02:25 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singleterry	Sampled:	03:25 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	03:30 CDT
Truck / Ticket #:	367 / 611233	Sampled From:	Chute	Truck Empty:	03:52 CDT
Contractor:	RGV construction	Placement Method:	Pump	Placement Time:	87 (min)

Location

Placement Location:	Building Pad/Slab
Location Details:	Building pad
Sample Location / Notes:	30' S of NE corner of building (exterior beam)

Batch Log

Supplier:	CRM Concrete Company	Mix Design:	4000CR1	Strength:	4000 (psi)
Plant:	San Juan				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Clear	Slump (in):	4-1/2 (As Approved)	Plastic Unit Weight:	
Air Temperature (F):	81	Concrete Temp (F):	86 (Max 95)	Air Content:	
				Load Volume:	57.00 (yd ³)

Standard Cure

Field Cure

Min / Max Temp (F):	79/97		
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	08/14/25	1 / 6	4.00	12.57	59,376	4,720	3	R3	1
3-2	7	08/14/25	1 / 6	4.00	12.57	59,773	4,760	2	R3	1
3-3	7	08/14/25	1 / 6	4.00	12.57	62,607	4,980	2	R3	1
3-4	28	09/04/25	1 / 27	4.00	12.57	83,130	6,610	3	R6	1
3-5	28	09/04/25	1 / 27	4.00	12.57	84,078	6,690	3	R6	1
3-6	28	09/04/25	1 / 27	4.00	12.57	88,607	7,050	3	R6	1
3-7	56	10/02/25	1 / 55	4.00	12.57	90,350	7,190	2	R9	1

Test Age Average Strengths (psi): 7 Day - 4820, 28 Day - 6780, 56 Day - 7190

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. R9: The 56 day test results meets specifications. Tested By: Jaykob Quintanilla (1,2,3,4,5,6,7) Checked In : 08/08/2025 (1,2,3,4,5,6,7)	1: Neoprene Pad
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TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Respectfully Submitted by B2Z Engineering

Jorge Solis

Jorge Solis, Laboratory Manager

Test Method:

Mission Office

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

Client:

Hidalgo County Precinct No. 2
 300 W Hall Acres, Ste. G
 Pharr, TX 78577

Project:

2324B
 WA#2 McAllen Health Clinic Improvement Project
 Various
 McAllen, TX

Sample Details

Set #:	2	Technician:	Ruben Singleterry	Batched:	02:00 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Ruben Singleterry	Sampled:	03:05 CDT
Specimens In Set:	7	Date Cast:	08/07/25	Cast:	03:10 CDT
Truck / Ticket #:	360 / 611228	Sampled From:	Chute	Truck Empty:	03:27 CDT
Contractor:	RGV Construction	Placement Method:	Pump	Placement Time:	87 (min)

Location

Placement Location: Building Pad/Slab
Location Details: Building Pad
Sample Location / Notes: 10' N of SW corner of pad (exterior beam)

Batch Log

Supplier: CRM Concrete Company
Plant: San Juan
On-Site Admixtures: None
Mix Design: 4000CR1

Specifications

Strength: 4000 (psi)

Field Measurements

Weather: Clear
Air Temperature (F): 81
Slump (in): 3-1/2 (As Approved)
Concrete Temp (F): 86 (Max 95)
Plastic Unit Weight:
Air Content:
Load Volume: 9.50 (yd³)

Standard Cure

Min / Max Temp (F): 79/97
Initial Cure Method: Plastic Cover/Lid/Blanket
Final Cure Method: Water Storage Tank

Field Cure

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	08/14/25	1 / 6	4.00	12.57	56,889	4,530	3	R3	1
2-2	7	08/14/25	1 / 6	4.00	12.57	59,501	4,730	5	R3	1
2-3	7	08/14/25	1 / 6	4.00	12.57	63,537	5,050	3	R3	1
2-4	28	09/04/25	1 / 27	4.00	12.57	72,307	5,750	3	R6	1
2-5	28	09/04/25	1 / 27	4.00	12.57	75,159	5,980	3	R6	1
2-6	28	09/04/25	1 / 27	4.00	12.57	80,808	6,430	3	R6	1
2-7	56	10/02/25	1 / 55	4.00	12.57	84,161	6,700	3	R9	1

Test Age Average Strengths (psi): 7 Day - 4770, 28 Day - 6050, 56 Day - 6700

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.
R9: The 56 day test results meets specifications.
Tested By: Jaykob Quintanilla (1,2,3,4,5,6,7)
Checked In: 08/08/2025 (1,2,3,4,5,6,7)

1: Neoprene Pad



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

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2324B
WA#2 McAllen Health Clinic Improvement Project
Various
McAllen, TX

Project Contractor: RGV Construction

On 09/22/2025, a representative of B2Z Engineering was dispatched to the subject project to perform a welding inspection. Please see attached report.

Contractor/Inspector Present:

RGV Construction

Inspector/Technician:

Subconsultant

Respectfully Submitted by B2Z Engineering



Jorge Solis, Laboratory Manager

Robles Consulting, LLC an AWS Affiliate Company Member
P.O. Box 1231
Rio Hondo, TX 78583
(956) 748-0176 Fax, (956) 245-6774 Cell
roblesconsulting@yahoo.com

Job: B2Z - 001
County: Hidalgo
File: 01 225201

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: B2Z Engineering, LLC
Address: 900 S. Stewart Rd. Suite 4
City: Mission, TX 78572

Project Name: Hidalgo County Health Clinic

Date Inspected: 09/22/2025

Prime Contractor: RGV Construction

Project Ref. No. 2324B

Contractor: RMV Structural Steel

Location: McAllen, Texas

Documents Reviewed:

Electrode to Specification: Yes No N/A
Welders Qualified: Yes No N/A
Reviewed Drawings: Yes No N/A

CWI Present: Continuous Periodic
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Reviewed WPS: Yes No N/A

Weld Types Observed:

Fillet Welds 1/8" 3/16" 1/4" 5/16" 3/8" Seam Welds 5/8" Arc Spot Welds Other
Groove Welds: CJP PJP Moment Connections

Electrode Type Used: E7018H4R

Welding Process: SMAW

Structural Weld/Bolt Location Observed/Inspected and Gridlines:

<input type="checkbox"/> Perimeter Angle to Joists	<input type="checkbox"/> Angle Braces to Joists	<input type="checkbox"/> Beam to Beam Connections
<input type="checkbox"/> Joists to CMU Embeds	<input type="checkbox"/> Horizontal/X-bridging to Joists	<input checked="" type="checkbox"/> Beam to Column Connections
<input type="checkbox"/> Tilt Panels to Footings	<input type="checkbox"/> Bridging Anchored/Welded at Ends	<input checked="" type="checkbox"/> Anchor/Nuts for Snug Tight
<input type="checkbox"/> Girder to Girder Seats	<input type="checkbox"/> Mech. Frames Welded to Joists	<input type="checkbox"/> Rafter to Rafter Connections
<input type="checkbox"/> Columns to Baseplate Embeds	<input checked="" type="checkbox"/> A325 Bolts-Snug Tight	<input type="checkbox"/> Rafter to Column Connections

Angle Clip to Beams
 Joist to Girder
 Joist to Tilt Panel Embed
 Panel to Panel Connections
 Continuous Angle to Embeds
 Girders to Column Cap Plates
 Joists to Beams
 K-Bracing to Flang Plates
 Outriggers to Joists/ Beams

Notes 1:

Re-inspection of welds at angles at (Partial) Moment Connections was performed. Re-inspection of welds at 3x3 1/2" angles welded to HSS 3 1/2" x 3 1/2" x 1/2" and HSS 4x4 x 1/2" Columns at Beam to Column and Double Beam to Column Connections as specified on Det. 1&3/SD1.0 was performed. Re-inspection revealed correction of previous deficiencies. Welds re-inspected were gaged and measured for the specified size. All flare bevel groove welds were 5/16" as specified. All fillet welds were 1/4" as specified. Re-inspection revealed welds were performed to correct weld parameters. Welds re-inspected were acceptable to Specs and AWS D1.1 Code criteria.

Deck Weld Pattern Inspected:

Note 2: Re-inspection revealed snug tight at Bolts and Anchors.

Deck Type

Deck to Joists Deck to Chord Angle Weld Washers: Yes No N/A
Deck to Outriggers Deck Fastening Deck Fastening Pattern: N/A

Inspection performed to visual inspection acceptance criteria as set forth by AWS D1.1 / AWS D1.3 Structural Welding Code

Comments: This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations, unless specified or RFI approved.

Applicable Code, Standards: AWS D1.1 AWS D1.3 AISC ASME Section IX Specs RFI

Inspected By: **Raul L. Robles, CWI, CWE** AWS Certified Welding Inspector / AWS Certified Welding Educator
Credential Verification: www.AWSCWI.com Quick Check

Acceptable Unacceptable

Authorized By: **Connie G. Pena**

B2Z Engineering, LLC

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

Client:
 Hidalgo County Precinct No. 2
 300 W Hall Acres, Ste. G
 Pharr, TX 78577

Project:
 2324B
 WA#2 McAllen Health Clinic Improvement Project
 Various
 McAllen, TX

General Information

Sample Date:	09/19/2025	MF Sample Number:	10199
Sample From:	Stockpile	Material Type:	Flexbase
Sampled By:	Armando Rodriguez Jr	Location Details:	Stockpile on Southeast Corner of Site

Sieve Analysis Results - Cumulative % Retained

Sieve Size	Cumulative % Retained	Spec. Requirements	Pass/Fail
2"	4.8	0.0	Fail
1/2"	15.1	20.0 - 60.0	Fail
No. 4	39.9	40.0 - 75.0	Pass
No. 40	68.1	70.0 - 90.0	Fail

Test Completed Date:	09/19/2025	Test Completed By:	Jorge Solis
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Test Results: The above test result does not meet the technical specifications.

Test Method (As Applicable):
 Tex 110-E / ASTM C136; ASTM D6913; ASTM C117 Method A;
 Tex 104-E, Tex 105-E, Tex 106-E / ASTM D4318 ;
 Tex 116-E; Tex 103-E / ASTM D2216; Tex 200-F; Tex 217-F;
 Tex-101-E Part III; Tex 401-A; Tex 402-A; Tex 406-A

Respectfully Submitted by B2Z Engineering



Jorge Solis, Laboratory Manager

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Sample From:	Stockpile	Material Type:	Flexbase
Technician:	Armando Rodriguez Jr	Location Details:	Stockpile on Southeast Corner of Site

Atterberg Limits

Liquid Limit (%)	Plastic Limit (%)	Plastic Index	Specification Requirements	Pass/Fail
38	25	13	PI ≤ 12	Fail

Test Completed Date:	09/19/2025	Test Completed By:	Jorge Solis
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Test Results: The above test result does not meet the technical specifications.
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Test Method (As Applicable):
 Tex 104-E, Tex 105-E, Tex 106-E / ASTM D4318

Respectfully Submitted by B2Z Engineering


 Jorge Solis, Laboratory Manager