

June 28, 2022

Hidalgo County Executive Office
505 S. McColl Rd., Suite J
Edinburg, TX 78539

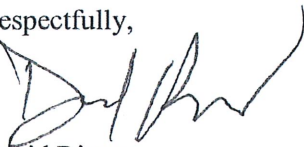
Reference: P4 New Justice Center – Raba Kistner, Inc. Firm Reports

Dear Mr. Quintanilha:

I have reviewed the attached geotechnical and/or construction material testing results prepared by Raba Kistner, Inc. and billed with invoice number R031314 for the New Justice Center at Precinct 4. I hereby certify that the testing results meet or exceed project specifications.

Should you have any questions, please call me at (956) 585-3773.

Respectfully,



David Rivera
Senior Project Manager

VISIT OUR WEBSITE AT:
www.rkci.com

INVOICE

INVOICE # :R031314

CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE



BILLING DATE :
6/22/2022

PROJECT :
AMD2105500
Hidalgo County Pct. 4 - New Justice

CLIENT :
A11563 Hidalgo County Precinct 4

ACH INSTRUCTIONS for RABA KISTNER, Inc.
Bank: JP Morgan Chase Bank, NA
ABA: 111000614 (domestic)
ACCOUNT: 1821317326
EMAIL: ar@rkci.com

Commissioner Ellie Torres
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

REMITTANCE ADDRESS:
RABA KISTNER, INC.
P.O. BOX 971037
DALLAS, TX 75397-1037

PHONE (210) 699-9090

APPROVED
By David at 5:01 pm, Jun 28, 2022

CONSULTING SERVICES

INVOICE SUMMARY INFORMATION

Center - Edinburg, Hidalgo County, Texas
Project Administration 10% - RKCI Proposal No. PMD21-109-00
RETMC - Purchase Order No. 838621

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 6/3/2022

SERVICE DATE	04/29/2022	695.50	✓
SERVICE DATE	05/04/2022	695.50	✓
SERVICE DATE	05/09/2022	695.50	✓
SERVICE DATE	05/11/2022	695.50	✓
SERVICE DATE	05/13/2022	695.50	✓
SERVICE DATE	05/18/2022	695.50	✓
SERVICE DATE	06/03/2022	417.30	✓

AMOUNT DUE THIS INVOICE ** 4,590.30

THIS IS AN INTERIM INVOICE UNLESS OTHERWISE NOTED

RK PROJECT MANAGER: EDWIN MANRIQUE
CLIENT PHONE: 956-383-3112

PROJECT ACCOUNTS RECEIVABLE SUMMARY	
Amount Due This Invoice	\$ 4,590.30
Total of Previous Invoices - Currently Unpaid	2,705.45
Total Due And Payable	\$ 7,295.75

INVOICE RECEIVED BY: [Signature] ON 6/29/22
GOODS/SERVICES RECEIVED BY: [Signature] ON 6-29-22

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.
AP Jun-22 **PLEASE PAY FROM THIS INVOICE.**



INVOICE # :R031314

BILLING DATE :
6/22/2022

PROJECT :
AMD2105500 A11563
Hidalgo County Pct. 4 - New Justice
Hidalgo County Precinct 4

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
04/29/2022				
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011492	5.00	128.500	642.50
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011492	1.00	53.000	53.00
			SUBTOTAL	695.50
05/04/2022				
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011605	5.00	128.500	642.50
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011605	1.00	53.000	53.00
			SUBTOTAL	695.50
05/09/2022				
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011620	1.00	53.000	53.00
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011620	5.00	128.500	642.50
			SUBTOTAL	695.50
05/11/2022				
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011666	5.00	128.500	642.50
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011666	1.00	53.000	53.00
			SUBTOTAL	695.50
05/13/2022				
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011716	5.00	128.500	642.50
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011716	1.00	53.000	53.00
			SUBTOTAL	695.50
05/18/2022				
CoMET, CONST, ENV, SWPPP STR STEEL OBS BOLTS & WELD	M22-011734	5.00	128.500	642.50

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.



INVOICE # :R031314

BILLING DATE :
6/22/2022

PROJECT :
AMD2105500 A11563
Hidalgo County Pct. 4 - New Justice
Hidalgo County Precinct 4

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
CoMET, CONST, ENV, SWPPP VEHICLE TRAVEL CHARGE	M22-011734	1.00	53.000	53.00
			SUBTOTAL	695.50
06/03/2022				
CoMET, CONST, ENV, SWPPP TECHNICAL REVIEW & ADMIN	10%	417.30	1.000	417.30
			SUBTOTAL	417.30
** TOTAL PROJECT AMD2105500				4,590.30

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.



RKCI Project No.: AMD21-055-00
Assignment No.: M22-011492
May 3, 2022

Raba Kistner, Inc.
800 East Hackberry
McAllen, TX 78501
www.rkci.com

P 956.682.5332
F 956.682.5487
TBPE Firm F-3257
TBAE Firm BR 3427

Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

**RE: Hidalgo County Pct. 4 - New Justice Center
Edinburg, Hidalgo County, Texas**

Dear Ms. Torres,

On April 29, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.

Katrin M. Leonard, P.E.
Vice President

Copies: davidr@b2zeng.com (1), Pm3@econgroup.us (1), genriquez@econgroup.us (1),
ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
(1), Jaime.cortez@co.hidalgo.tx.us (1), Leticia.saenz@co.hidalgo.tx.us (1), Nick.perez@co.hidalgo.tx.us
(1)



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: Raba-006
County: Hidalgo
File: 01.222106
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.

Address: 800 E. Hackberry

City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 04/29/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs

Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: _____

Welding Process: _____

Structural Weld Location Observed/Inspected and Gridlines:

Perimeter Angle to Joists

Beam to Beam Bolted Connections

K-Bracing to Gussets

Joists to CMU Embeds

Horizontal/X-bridging to Joists

Mech. Frames to Joists

Tilt Panels to Footings

Bridging Anchored/Welded at Ends

Anchor Nuts at Column

Girder to Girder Seat

HSS Beam to Column Bolted Connections

Angle Bracing at Columns

Columns to Embeds

Notes:

Leveling Nuts at Columns

Joist to Girder

Joist to Tilt Panel Embed

Panel to Panel Connections

Continuous Angle to Embeds

Girders to Column Cap Plates

Joists/HSS to Beams

Joists Seats to Tilt Panel Embeds

Outriggers to Joists/Angle/Beams

Inspection of welds at bent plate saddles welded to cmu embed plates was performed. Inspection of cmu epoxied 3/4" thru bolts at bent plates for snug tight was performed. Inspection of welds at shear tabs welded to bent plates at beam connection locations was performed. Inspection of A325 bolts for snug tight at W21 and W24 beams bolted to shear tabs was performed. Reference gridlines 3to13@F for area inspected. Bolts inspected for snug tight were acceptable to Specs. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Note: An observation was made at a beam to cmu bearing connection at gridline 7@E. The bearing of a W24 beam did not conform to Detail 19/S5.1.

An RFI was requested for approval on the existing condition.

Deck Weld Pattern Observed:

Deck Type: _____

Weld Pattern: _____

Fasteners per Span: _____

Deck to Joists/Beams

Deck to Chord Angle

Weld Washers: Yes No N/A

Deck to Bent Plate/ Outriggers

Deck Fastening

Deck Fastening Pattern: _____

Inspection performed to visual inspection acceptance criteria as set forth by AWS D 1.1 / 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, CWF

AWS Certified Welding Inspector / AWS Certified Welding Educator

Credential Verification: AWS CWI Quick Check

Raul L. Robles

CWI 02070431

Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants

RKCI Project No.: AMD21-055-00
Assignment No.: M22-011605
May 11, 2022

800 East Hackberry
McAllen, TX 78501
www.rkci.com

P 956.682.5332
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Toll Free 800.316.4912
TBPE Firm F-3257

Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

**RE: Hidalgo County Pct. 4 - New Justice Center
Edinburg, Hidalgo County, Texas**

Dear Ms. Torres,

On May 4, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.



Katrin M. Leonard, P.E.
Vice President

Copies: davidr@b2zeng.com (1), Pm3@econgroup.us (1), genriquez@econgroup.us (1),
ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
(1), Jaime.cortez@co.hidalgo.tx.us (1), Leticia.saenz@co.hidalgo.tx.us (1), Nick.perez@co.hidalgo.tx.us
(1)

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: Raba-006
County: Hidalgo
File: 01.222206
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.
Address: 800 E. Hackberry
City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 05/04/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs
Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: E7018H4R

Welding Process: SMAW

Structural Weld Location Observed/Inspected and Gridlines:

Perimeter Angle to Joists Beam to Beam Bolted Connections K-Bracing to Gussets
 Joists to CMU Embeds Horizontal/X-bridging to Joists Mech. Frames to Joists
 Tilt Panels to Footings Bridging Anchored/Welded at Ends Anchor Nuts at Column
 Girder to Girder Seat HSS Beam to Column Bolted Connections Angle Bracing at Columns
 Columns to Embeds

Notes:
 Leveling Nuts at Columns
 Joist to Girder
 Joist to Tilt Panel Embed
 Panel to Panel Connections
 Continuous Angle to Embeds
 Girders to Column Cap Plates
 Joists/HSS to Beams
 Joists Seats to Tilt Panel Embeds
 Outriggers to Joists/Angle/Beams
Inspection of welds at items marked (X) was performed. Inspection of welds at splice plates ongoing at perimeter deck angle was performed. Inspection of bridging welded to joists and ongoing anchoring at terminations was performed. Inspection of welds at outriggers welded to joists at top chords and to ledger angle which is anchored to cmu was performed. Inspection of welds at deck angle welded to joists and outriggers was performed. Inspection of welds at mech. frames welded to joists at top chord was performed. Ref. grid 3to13@D-K for areas inspected. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Deck Weld Pattern Observed:

Deck Type: _____ Weld Pattern: _____ Fasteners per Span: _____
Deck to Joists/Beams Deck to Chord Angle Weld Washers: Yes No N/A
Deck to Bent Plate/ Outriggers Deck Fastening Deck Fastening Pattern: _____

Inspection performed to visual inspection acceptance criteria as set forth by AWS D 1.1 / 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: AWS CWI Quick Check  Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants



RKCI Project No.: AMD21-055-00
Assignment No.: M22-011620
May 11, 2022

800 East Hackberry
McAllen, TX 78501
www.rkci.com

P 956.682.5332
F 956.682.5487
Toll Free 800.316.4912
TBPE Firm F-3257

Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

RE: **Hidalgo County Pct. 4 - New Justice Center**
Edinburg, Hidalgo County, Texas

Dear Ms. Torres,

On May 9, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.

Katrin M. Leonard, P.E.
Vice President

Copies: davidr@b2zeng.com (1), Pm3@econgroup.us (1), genriquez@econgroup.us (1),
ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
(1), Jaime.cortez@co.hidalgo.tx.us (1), Leticia.saenz@co.hidalgo.tx.us (1), Nick.perez@co.hidalgo.tx.us
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(956) 748-0176 Fax, (956) 245-6774 Cell
roblesconsulting@yahoo.com

Job: Raba-006
County: Hidalgo
File: 01.222306
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.

Address: 800 E. Hackberry

City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 05/09/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs

Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: E7018H4R, E6011

Welding Process: SMAW

Structural Weld Location Observed/Inspected and Gridlines:

- | | | |
|--|--|--|
| <input type="checkbox"/> Perimeter Angle to Joists | <input type="checkbox"/> Beam to Beam Bolted Connections | <input type="checkbox"/> K-Bracing to Gussets |
| <input type="checkbox"/> Joists to CMU Embeds | <input type="checkbox"/> Horizontal X-bridging to Joists | <input checked="" type="checkbox"/> Mech. Frames to Joists |
| <input type="checkbox"/> Tilt Panels to Footings | <input checked="" type="checkbox"/> Bridging Anchored/Welded at Ends | <input type="checkbox"/> Anchor Nuts at Column |
| <input type="checkbox"/> Girder to Girder Seat | <input type="checkbox"/> HSS Beam to Column Bolted Connections | <input type="checkbox"/> Angle Bracing at Columns |
| <input type="checkbox"/> Columns to Embeds | | |

Notes:

- Leveling Nuts at Columns
 Joist to Girder
 Joist to Tilt Panel Embed
 Panel to Panel Connections
 Continuous Angle to Embeds
 Girders to Column Cap Plates
 Joists/HSS to Beams
 Joists Seats to Tilt Panel Embeds
 Outriggers to Joists/Angle/Beams
- Inspection of ongoing deck fastening to intermediates was performed. Inspection of welds at splice plates at perimeter deck angle was performed. Inspection of bridging still ongoing anchoring at terminations was performed. Inspection of welds at roof hatch and mech. frames consisting of header frame, leveling frame and curb frame was performed. Inspection of ongoing anchor installation with epoxy at deck angle to cmu wall was performed. Inspection of ongoing fit-up of angle bracing to roof and cmu wall was performed. Ref. grid 3to13@D-K for areas inspected. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Deck Weld Pattern Observed:

Deck Type: 22 ga. 1.5BG90

Weld Pattern: 6"o/c @ mech. frames

Fasteners per Span: 7 ea. No. 10 Tek

Deck to Joists/Beams

Deck to Chord Angle

Weld Washers: Yes No N/A

Deck to Bent Plate/ Outriggers

Deck Fastening

Deck Fastening Pattern: 36/7 w/No. 12 Tek Screws

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**  Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants



RKCI Project No.: AMD21-055-00
Assignment No.: M22-011666
May 13, 2022

Raba Kistner, Inc.
800 East Hackberry
McAllen, TX 78501
www.rkci.com

P 956.682.5332
F 956.682.5487
TBPE Firm F-3257
TBAE Firm BR 3427

Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

RE: **Hidalgo County Pct. 4 - New Justice Center**
Edinburg, Hidalgo County, Texas

Dear Ms. Torres,

On May 11, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.

Katrin M. Leonard, P.E.
Vice President

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ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
(1), Jaime.cortez@co.hidalgo.tx.us (1), Leticia.saenz@co.hidalgo.tx.us (1), Nick.perez@co.hidalgo.tx.us
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roblesconsulting@vahoo.com

Job: Raba-006
County: Hidalgo
File: 01.222406
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.

Address: 800 E. Hackberry

City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 05/11/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs

Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: E7018H4R, E6011

Welding Process: SMAW

Structural Weld Location Observed/Inspected and Gridlines:

Perimeter Angle to Joists

Beam to Beam Bolted Connections

K-Bracing to Gussets

Joists to CMU Embeds

Horizontal/X-bridging to Joists

Mech. Frames to Joists

Tilt Panels to Footings

Bridging Anchored/Welded at Ends

Anchor Nuts at Column

Girder to Girder Seat

HSS Beam to Column Bolted Connections

Angle Bracing at Columns

Columns to Embeds

Notes:

Leveling Nuts at Columns

Joist to Girder

Joist to Tilt Panel Embed

Panel to Panel Connections

Continuous Angle to Embeds

Girders to Column Cap Plates

Joists/HSS to Beams

Joists Seats to Panel Embeds

Outriggers to Joists/Angle

Inspection of deck fastening to intermediates was performed. Inspection of welds at angle clips to bridging was performed. Inspection of bridging anchored at terminations was performed. Inspection of welds at X-bridging welded to joists was performed. Inspection of ongoing panel point angles at mech. frames was performed. Inspection of anchors for snug tight which were installed with epoxy at deck angle to cmu wall was performed. Inspection of ongoing welds at angle bracing and cmu wall was performed. Ref. grid 3to13@D-K for areas inspected. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Deck Weld Pattern Observed:

Deck Type: 22 ga. 1.5BG90

Weld Pattern: 6" o/c @ mech. frames

Fasteners per Span: 7 ea. No. 10 Tek

Deck to Joists/Beams

Deck to Chord Angle

Weld Washers: Yes No N/A

Deck to Bent Plate/ Outriggers

Deck Fastening

Deck Fastening Pattern: 36/7 w/No. 12 Tek Screws

Inspection performed to visual inspection acceptance criteria as set forth by AWS D 1.1 / 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

Credential Verification: AWS CWI Quick Check

AWS Certified Welding Inspector / AWS Certified Welding Educator

Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants

RKCI Project No.: AMD21-055-00
Assignment No.: M22-011716
May 18, 2022

800 East Hackberry
McAllen, TX 78501
www.rkci.com

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Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

**RE: Hidalgo County Pct. 4 - New Justice Center
Edinburg, Hidalgo County, Texas**

Dear Ms. Torres,

On May 13, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.



Katrin M. Leonard, P.E.
Vice President

Copies: davidr@b2zeng.com (1), Pm3@econgroup.us (1), genriquez@econgroup.us (1),
ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
(1), Jaime.cortez@co.hidalgo.tx.us (1), Leticia.saenz@co.hidalgo.tx.us (1), Nick.perez@co.hidalgo.tx.us
(1)

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: Raba-006
County: Hidalgo
File: 01.222506
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.

Address: 800 E. Hackberry

City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 05/13/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs

Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: E7018H4R

Welding Process: SMAW

Structural Weld Location Observed/Inspected and Gridlines:

Perimeter Angle to Joists

Beam to Beam Bolted Connections

K-Bracing to Gussets

Joists to CMU Embeds

Horizontal/X-bridging to Joists

Mech. Frames to Joists

Tilt Panels to Footings

Bridging Anchored/Welded at Ends

Anchor Nuts at Column

Girder to Girder Seat

HSS Beam to Column Bolted Connections

Angle Bracing at Columns

Columns to Embeds

Notes:

Leveling Nuts at Columns

Joist to Girder

Joist to Tilt Panel Embed

Panel to Panel Connections

Continuous Angle to Embeds

Girders to Column Cap Plates

Joists/HSS to Beams

Joists Seats to Panel Embeds

Outriggers to Joists/Angle

Inspection of welds and anchors for snug tight at cmu wall bracing at grid 7 to 10 @ D as per Det. 14 & 16 S6.0 was performed. Inspection of welds and anchors ongoing at X bridging at terminations was performed. Inspection of ongoing concentrated load panel point angles at mech. frames was performed. Inspection of anchors ongoing snug tight at bridging to cmu at grid 6 @ E-I was performed. Inspection of ongoing welds at cmu wall to deck lateral brace locations was performed. Ref. grid 10 to 13 @ D-K for areas inspected. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Note: Thorough inspection of items listed as ongoing shall be performed upon completion.

Deck Weld Pattern Observed:

Deck Type: _____

Weld Pattern: _____

Fasteners per Span: _____

Deck to Joists/Beams

Deck to Chord Angle

Weld Washers: Yes No N/A

Deck to Bent Plate/ Outriggers

Deck Fastening

Deck Fastening Pattern: _____

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: AWS CWI Quick Check

CWI 07070131

Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants



RKCI Project No.: AMD21-055-00
Assignment No.: M22-011734
May 23, 2022

Raba Kistner, Inc.
800 East Hackberry
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Ellie Torres, Commissioner
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

**RE: Hidalgo County Pct. 4 - New Justice Center
Edinburg, Hidalgo County, Texas**

Dear Ms. Torres,

On May 18, 2022, a sub-consultant representing **RABA KISTNER Consultants, Inc. (RKCI)** provided field welding inspection services at the above-mentioned project. Attached you will find the report that documents said inspection.

We appreciate the opportunity to be of technical services to you on this project. If we may be of additional assistance, please do not hesitate to contact our office.

Very truly yours,

RABA KISTNER CONSULTANTS, INC.

A handwritten signature in blue ink, appearing to read 'K. Leonard'.

Katrin M. Leonard, P.E.
Vice President

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ellie.torres@co.hidalgo.tx.us (1), Glinda.pacheco@co.hidalgo.tx.us (1), Oscar.villarreal@co.hidalgo.tx.us
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(1)



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roblesconsulting@yahoo.com

Job: Raba-006
County: Hidalgo
File: 01.222606
AMD 21-055-00

STRUCTURAL/WELDING INSPECTION REPORT

Consulting Engineer: Raba Kistner Consultants, Inc.
Address: 800 E. Hackberry
City: McAllen, TX 78501

Project Name: Hidalgo County Pct. 4 New Justice Center

Date Inspected: 05/18/2022

Prime Contractor: ECON

Contractor: J&N Welding and Fabricators

Location: Edinburg, 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 Others as Per Specs
Groove Welds CJP PJP Moment Connections MC Nelson Studs 360 deg. Flash

Electrode Type Used: E7018H4R

Welding Process: SMAW

Structural Weld Location Observed/Inspected and Gridlines:

Perimeter Angle to Joists Beam to Beam Bolted Connections K-Bracing to Gussets
 Joists to CMU Embeds Horizontal/X-bridging to Joists Mech. Frames to Joists
 Tilt Panels to Footings Bridging Anchored/Welded at Ends Anchor Nuts at Column
 Girder to Girder Seat HSS Beam to Column Bolted Connections Angle Bracing at Columns
 Columns to Embeds
 Leveling Nuts at Columns

Joist to Girder
 Joist to Tilt Panel Embed
 Panel to Panel Connections
 Continuous Angle to Embeds
 Girders to Column Cap Plates
 Joists/HSS to Beams
 Joists Seats to Panel Embeds
 Outriggers to Joists/Angle

Notes:

Inspection of welds and anchors (completed) for snug tight at X bridging terminations was performed. Inspection of welds at (completed) concentrated load panel point angles at mech. frames where required was performed. Inspection of anchors (completed) for snug tight at bridging to cmu at grid 6@E-I was performed. Inspection of completed welds at cmu wall to deck lateral brace locations was performed. Ref. grid 3to13@D-K for areas inspected. Welds inspected were acceptable to Specs and AWS D1.1 Code criteria.

Deck Weld Pattern Observed:

Deck Type: _____ Weld Pattern: _____ Fasteners per Span: _____
Deck to Joists/Beams Deck to Chord Angle Weld Washers: Yes No N/A
Deck to Bent Plate/ Outriggers Deck Fastening Deck Fastening Pattern: _____

Inspection performed to visual inspection acceptance criteria as set forth by AWS D 1.1 / 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, CWF AWS Certified Welding Inspector / AWS Certified Welding Educator
Credential Verification: AWS CWI Quick Check  Informative Acceptable Unacceptable

Authorized By: Eloy Arredondo

Project Manager Raba Kistner Consultants