DALE
PARTNERS

28 March 2022

Jim White
Facilities/Construction Manager
Community Bank
206 North Greeno Road
Fairhope, Alabama 36532

15094 Community bank Headquarters – Precast review

Dear Jim:

Based on the following documentation received over the course of the precast remediation period, Dale Partners Architects approves the work based on the following:

1. Stamped field modifications by William Edd Mitchell, Jr beginning on 1/10/2020 and final report on 7/9/2021 (attachment)
2. Final Precast panel Inspection by Burns, Cooley, Dennis, Inc., dated 3/3/2022 (attachment)
3. Field Reports by Burns, Cooley, Dennis, Inc. beginning on 10/9/2020 and final report on 5/6/2021 (attachment)
4. Letter from Earl Shimp on 2/15/2022 (attachment)
5. Certification Letter for Precast Remediation Work by Fountain Construction dated 3/9/2022 (attachment)

Sincerely,

Jeff Barnes, AIA
Architect

Enclosure
Field Modifications by William Mitchell
Final Precast Inspection by BCD
Field Reports by BCD
Letter from Earl Shimp
Letter from Contractor
Cc: Jim White
Ryan Puckett
David Hughes

T. Doug Dale, AIA
Jeffrey R. Barnes, AIA
Leigh G. Jaunsen, AIA, LEED AP
Russ S. Blount, AIA, LEED AP
Jason M. Agostinelli, AIA

In memory of
Michael A. Barranco, AIA
1962-2011

DALE PARTNERS ARCHITECTS, P.A.
Architecture ▪ Interiors ▪ Planning
One Jackson Place, Suite 250
188 East Capitol Street
Jackson, MS 39201-2100
P 601.352.5411 ▪ f 601.352.5362
161 Lameuse Street, Suite 201
Biloxi, MS 39530
P 228.374.1409 ▪ f 228.374.1414
dalepartners.com

JACKSON PRECAST INC.

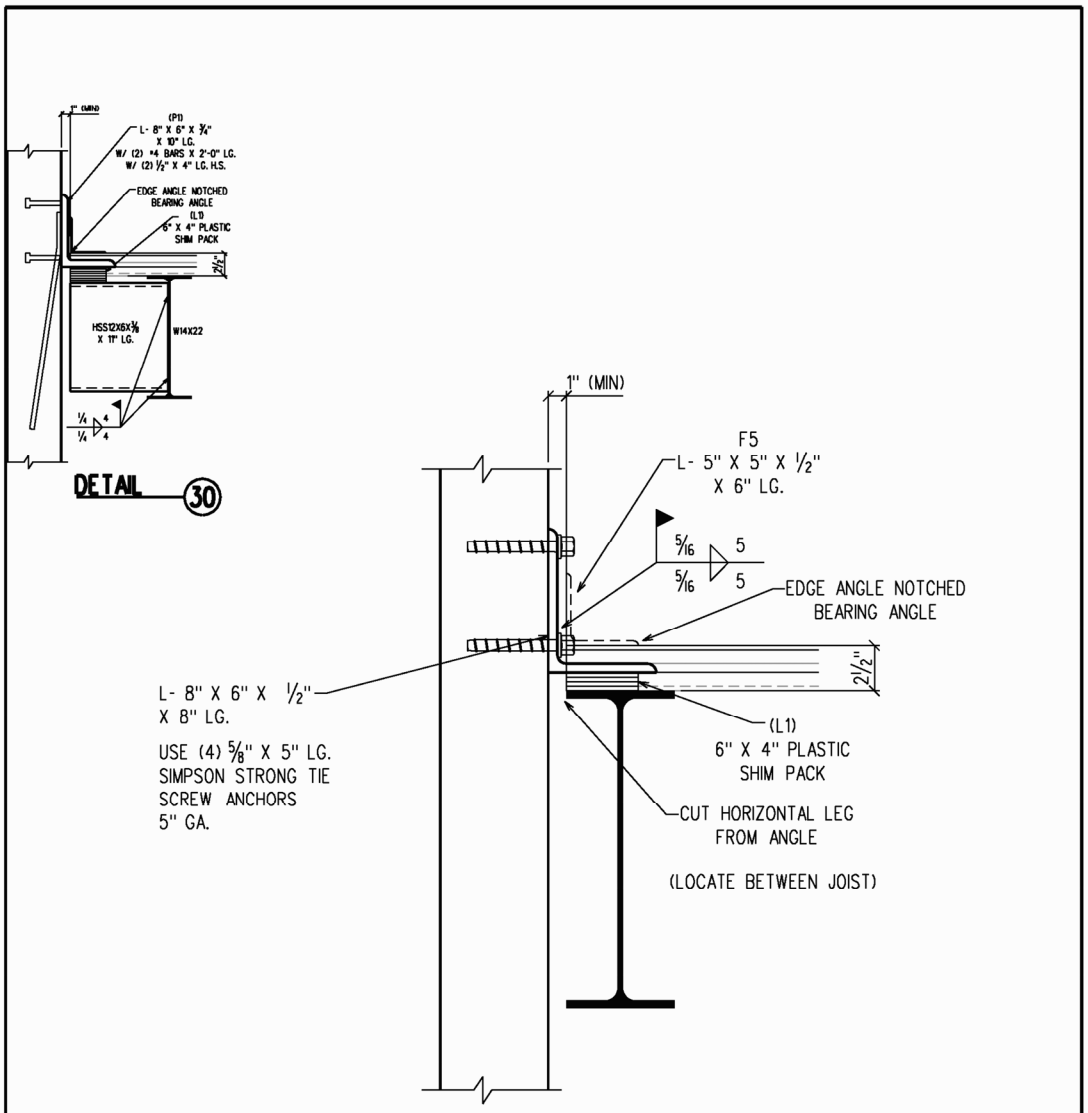
3325 LAWSON ST.
JACKSON, MS 39213 PH. (601) 321-8787

COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 5/13/21
REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM	REF:
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	FM. NO.: 30-1

P:\19013\FM3001.dgn 5/13/2021 2:39:41 PM DESIGN TECHNOLOGY SYSTEMS, INC.

WILLIAM EDD MITCHELL, JR. REGISTERED ENGINEER NO. 11268 STATE OF MISSISSIPPI

6-8-21

JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

Flowood, MS

William Edd Mitchell, Jr., P.E., S.E.
Structural Engineer
God's Gift Farm
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WEMJ Project No. 2019227

FM 3001

JACKSON PRECAST INC.

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COMMUNITY BANK HDQTRS.

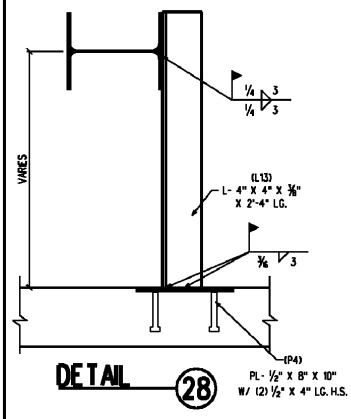
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

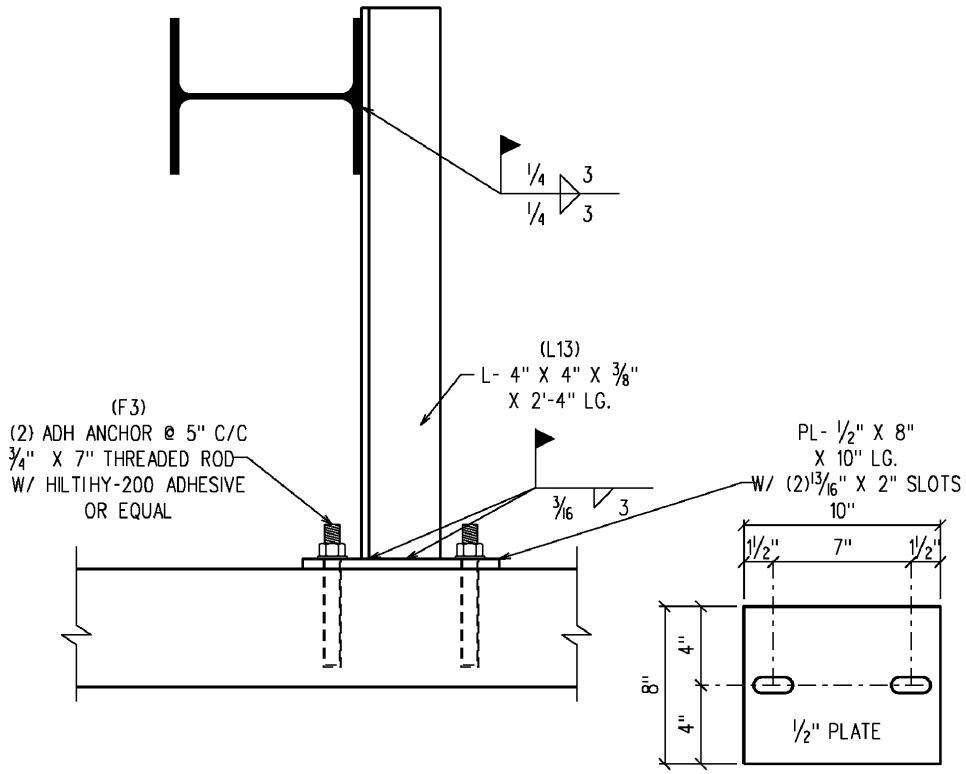
DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DETAIL 28



DESCRIPTION OF PROBLEM

P4 MISSING FROM PANEL

REF: 28

FM. NO.: 28-1

P:\19013\FM2801.dgn 7/9/2021 8:58:45 AM DESIGN TECHNOLOGY SYSTEMS, INC.

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COMMUNITY BANK HDQTRS.

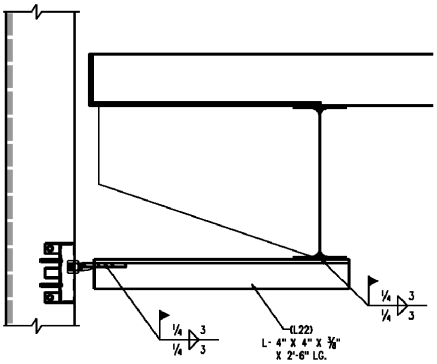
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

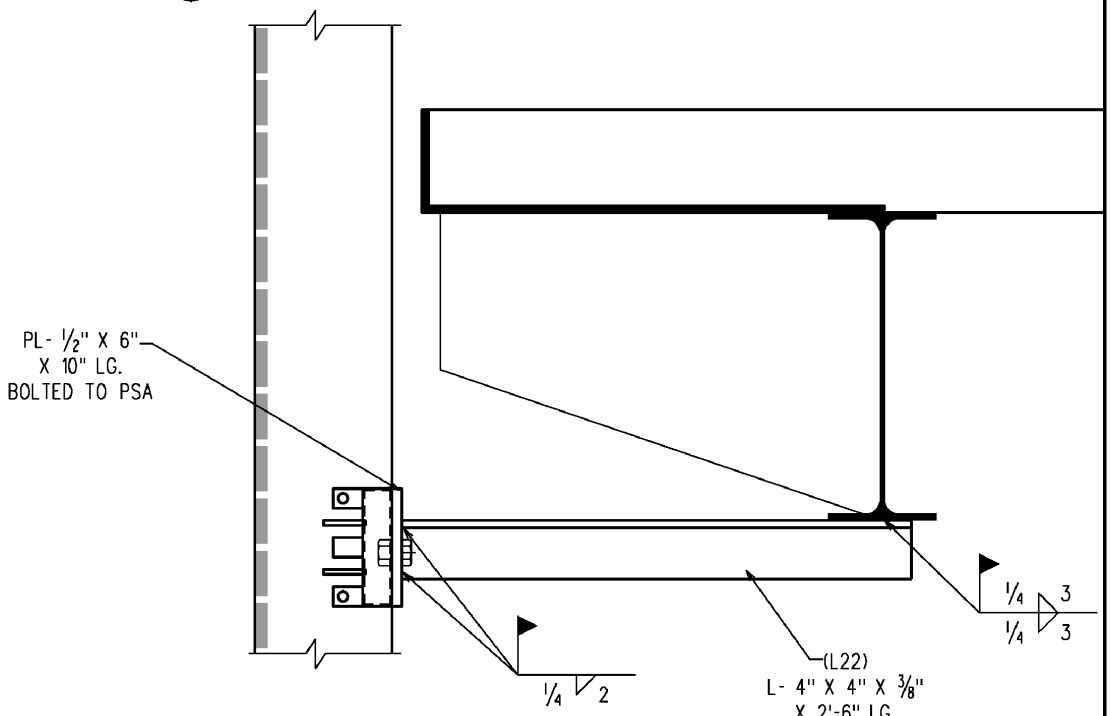
DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DETAIL 23



DESCRIPTION OF PROBLEM

DID NOT USE PSA STRAP

REF: 23

FM. NO.: 23-1

P:\19013\FM2301.dgn 7/9/2021 9:13:48 AM DESIGN TECHNOLOGY SYSTEMS, INC.

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FIELD MODIFICATION

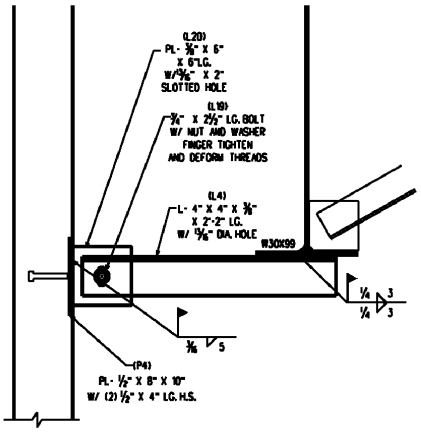
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

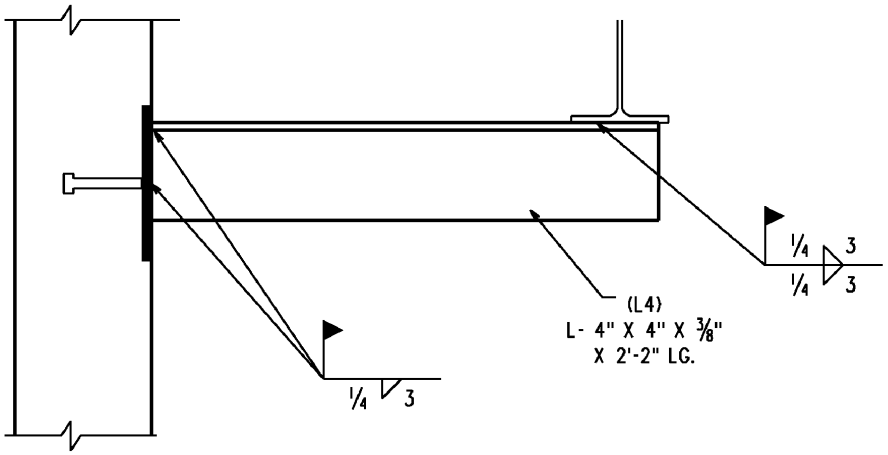
JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:



DETAIL 21



DESCRIPTION OF PROBLEM

NOT WELDED PER DETAIL
WELDED SOLID @ PANEL W/OUT
BOLTED SLIP PLATE

REF: 21

FM. NO.: 21-1

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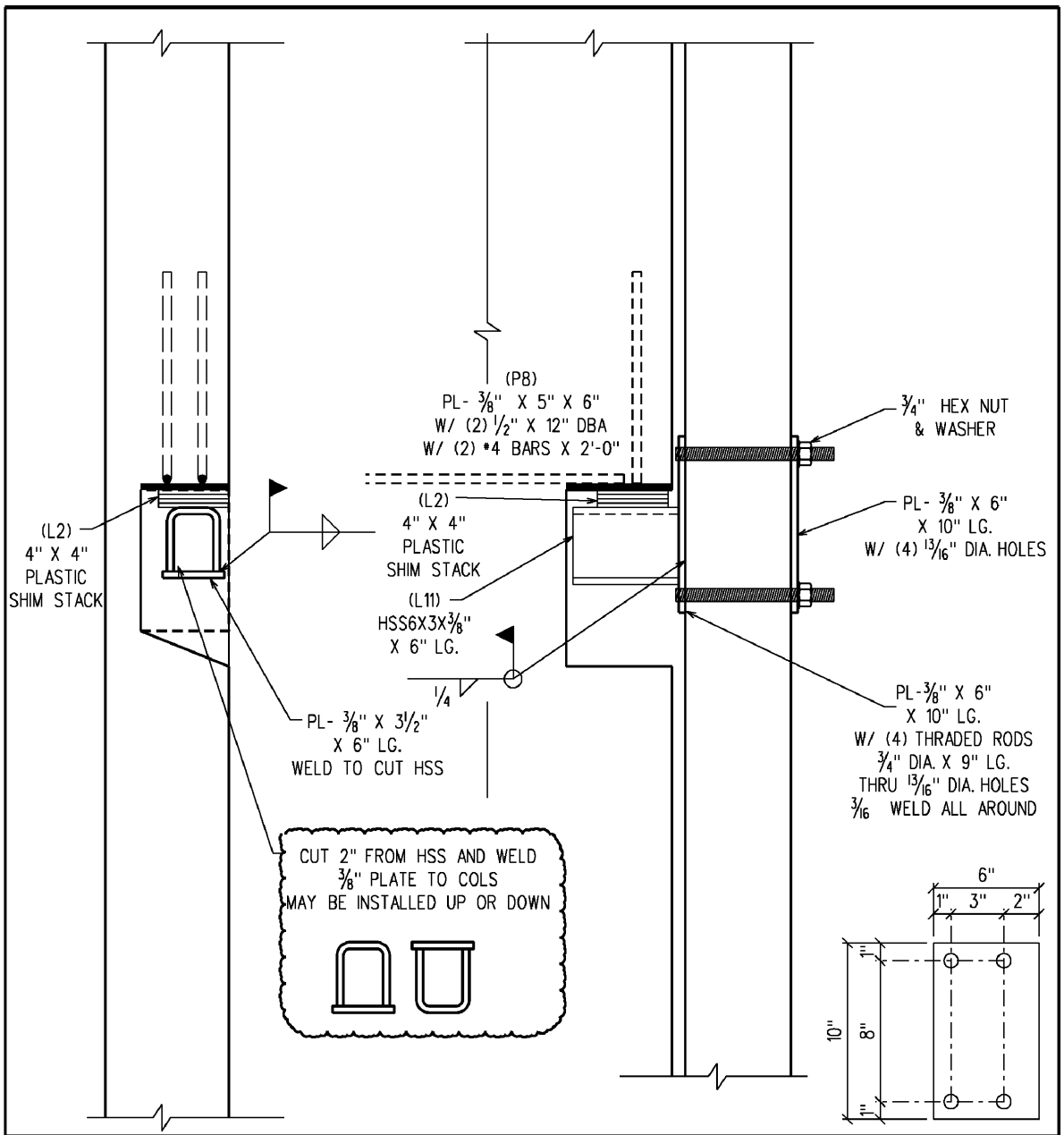
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

POCKET IS 2" TOO LOW
& P7 MISSING ADJACENT PANEL

REF: 18

FM. NO.: 18-13

P:\19013\FM1813.dgn 7/9/2021 7:58:07 AM DESIGN TECHNOLOGY SYSTEMS, INC.

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FIELD MODIFICATION

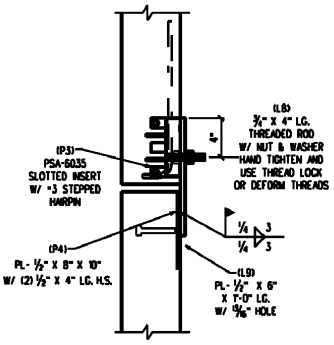
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

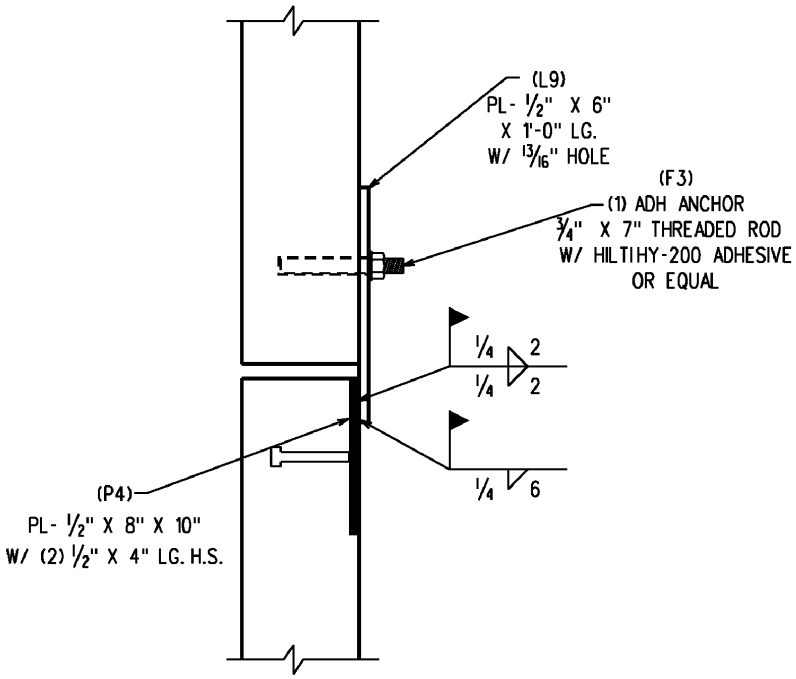
JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:



DETAIL 16



DESCRIPTION OF PROBLEM	REF:
PSA INSERT MISSING FROM PANEL	16
	FM. NO.: 16-5

P:\19013\FM1605.dgn 6/20/2021 2:48:44 PM

JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

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COMMUNITY BANK HDQTRS.

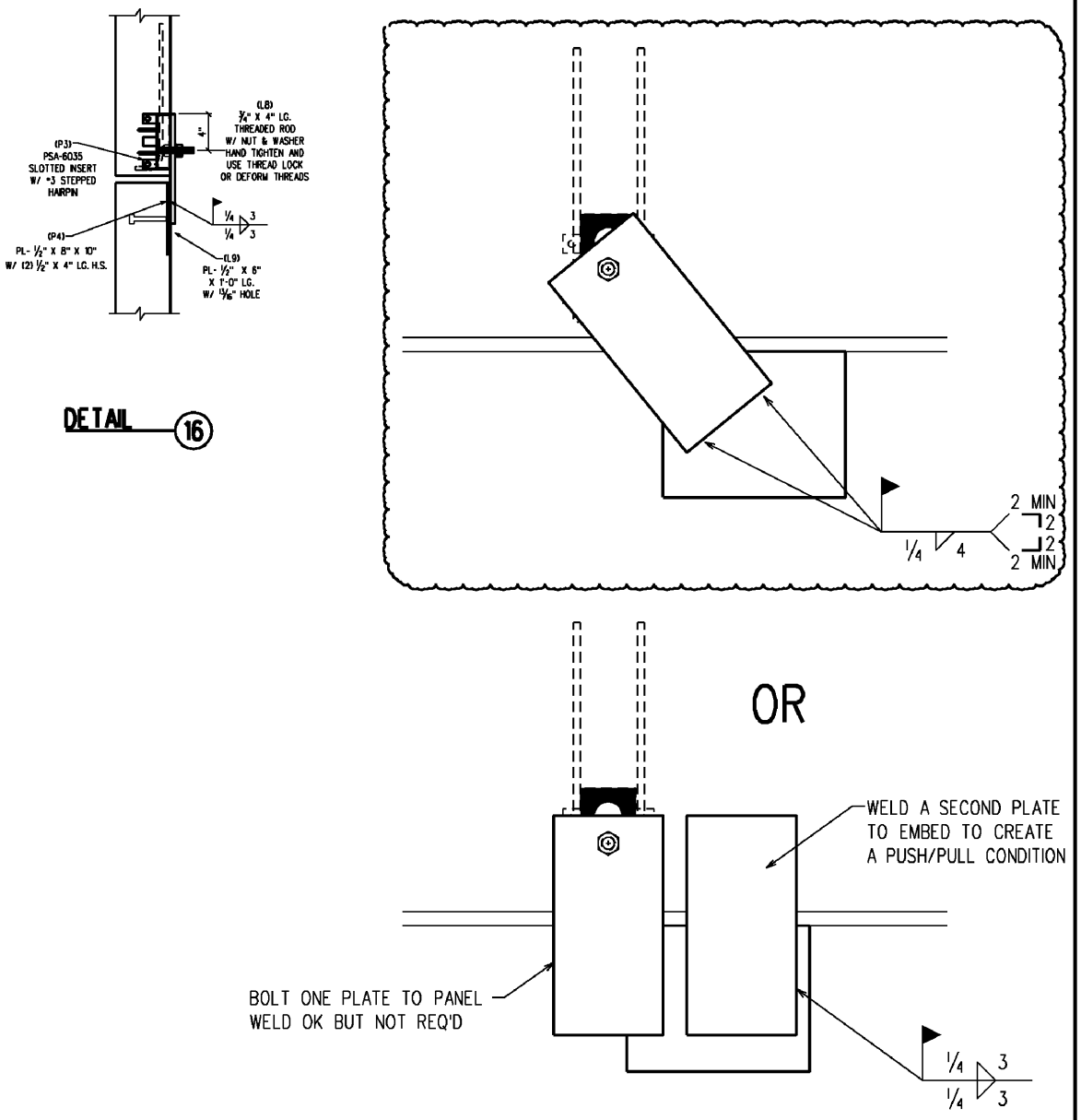
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 2/5/21

REV. NO.: 1 DATE: 6/17/21

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

P4 PLATE DOES NOT ALIGN WITH PSA INSERT

REF: 16

FM. NO.: 16-3

P:\19013\FM1603.dgn 6/19/2021 7:21:56 AM DESIGN TECHNOLOGY SYSTEMS, INC.

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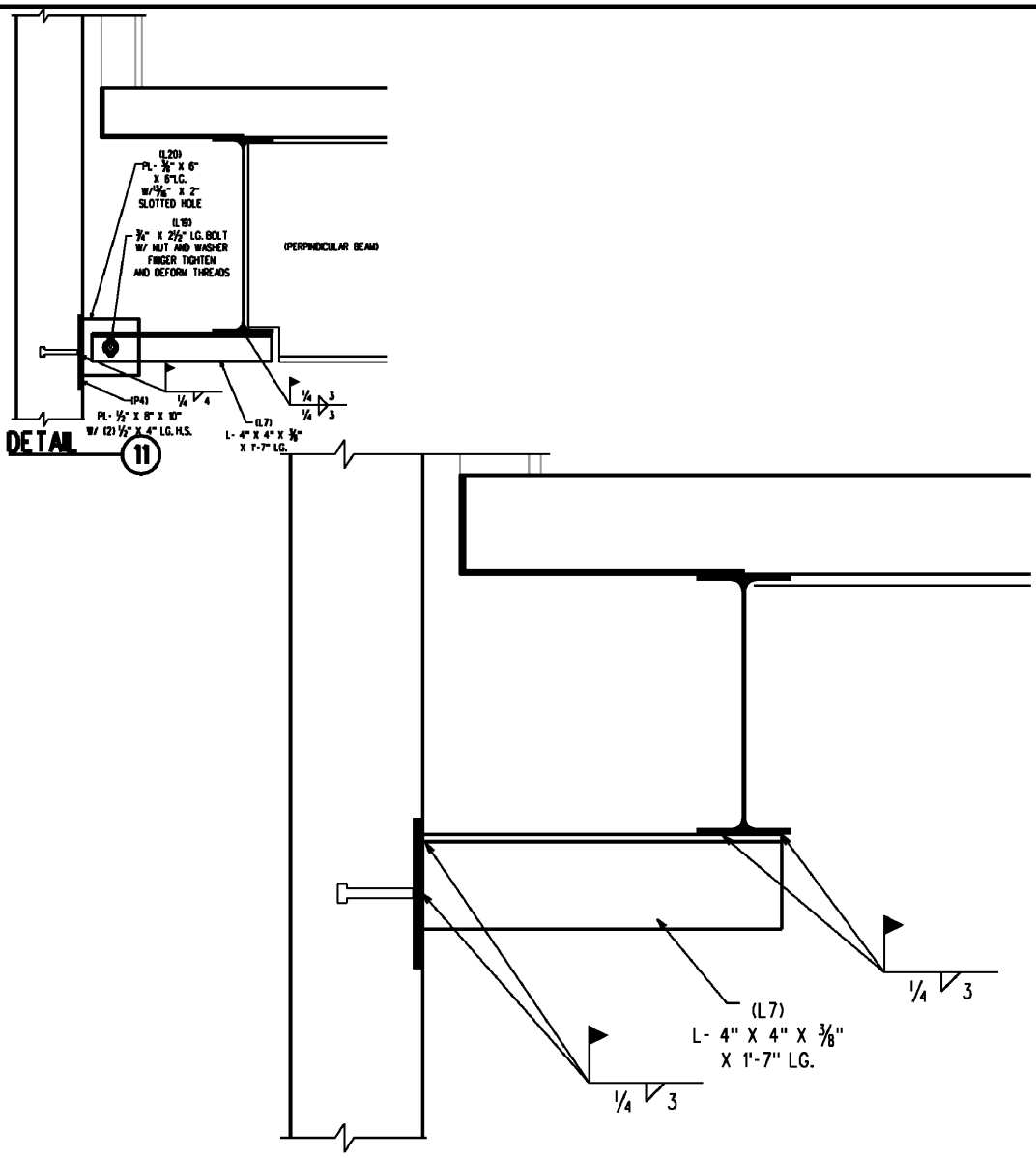
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

NOT WELDED PER DETAIL
WELDED SOLID @ PANEL W/OUT
BOLTED SLIP PLATE

REF: 11

FM. NO.: 11-4

P:\19013\FM1104.dgn 6/19/2021 4:27:06 PM

JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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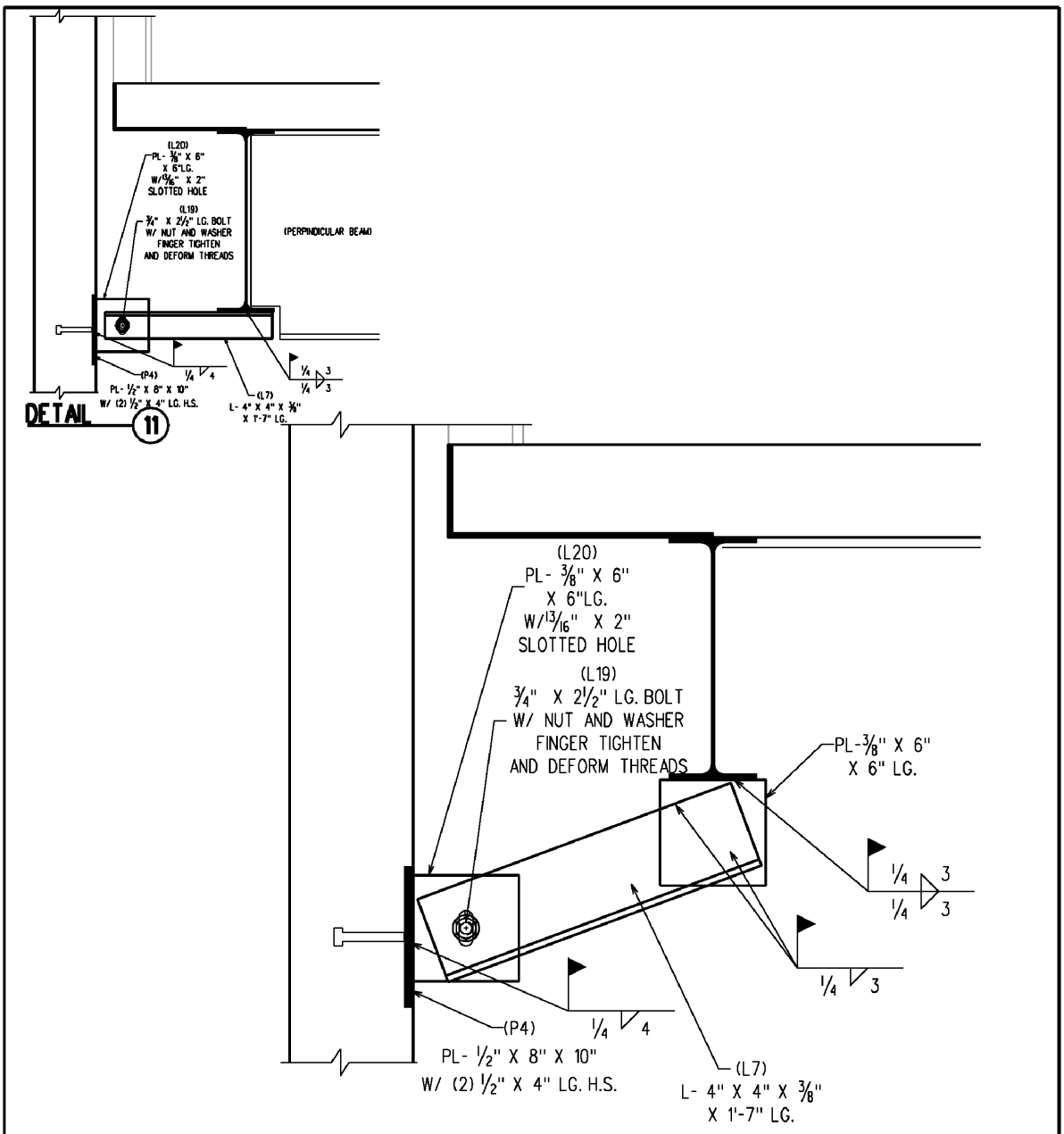
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM	REF:
P4 TOO LOW IN PANEL	11
	FM. NO.: 11-3

P:\19013\FM1103.dgn 6/18/2021 10:55:15 AM DESIGN TECHNOLOGY SYSTEMS, INC.

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WILLIAM EDD MITCHELL JR. REGISTERED ENGINEER NO. 11268 STATE OF MISSISSIPPI

7-11-21

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COMMUNITY BANK HDQTRS.

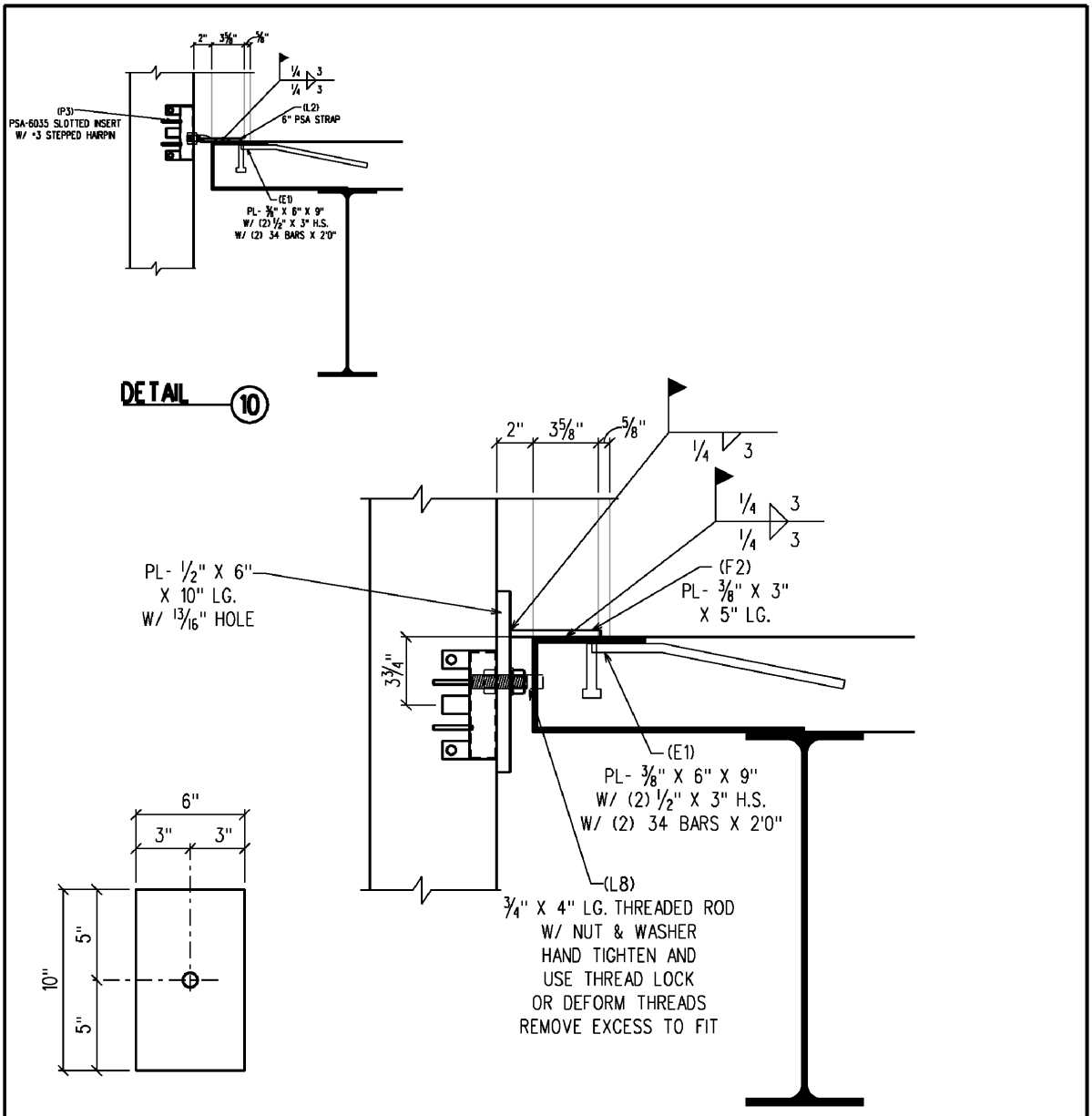
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

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FM10-2 CALLS FOR 3/4" THICK PLATE
1/2" THICK PLATE WAS USED

REF: 10

FM. NO.: 10-15

P:\19013\FM1015.dgn 7/9/2021 8:31:10 PM DESIGN TECHNOLOGY SYSTEMS, INC.

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Community Bank Headquarters

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COMMUNITY BANK HDQTRS.

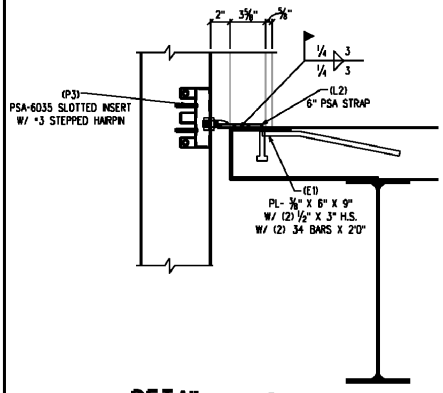
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

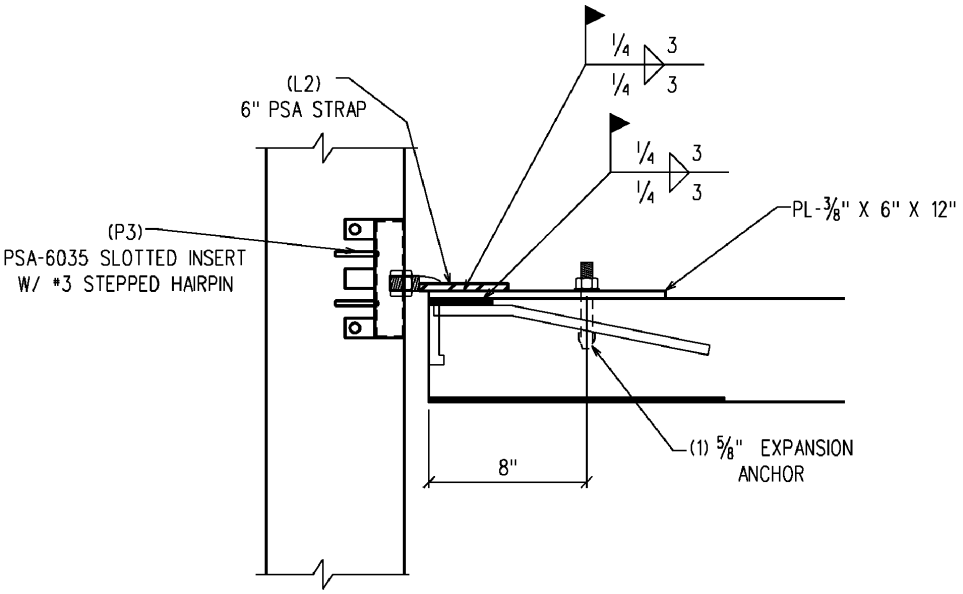
DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DETAIL 10



DESCRIPTION OF PROBLEM

SLAB CUT OFF 3" CUTTING H.S. FROM EMBED

REF: 10

FM. NO.: 10-14

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7-11-21

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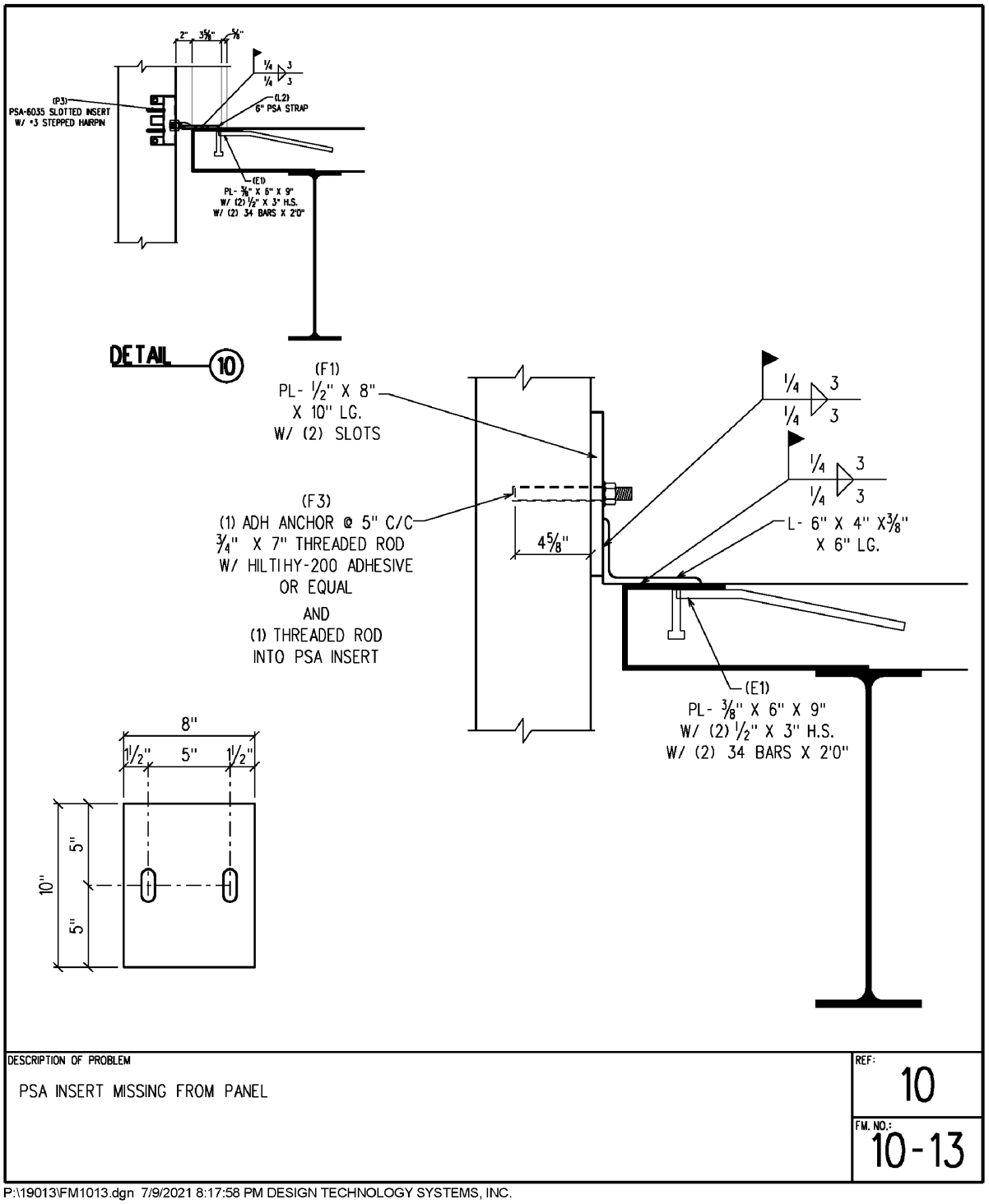
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

PSA INSERT MISSING FROM PANEL

REF: 10

FM. NO.: 10-13

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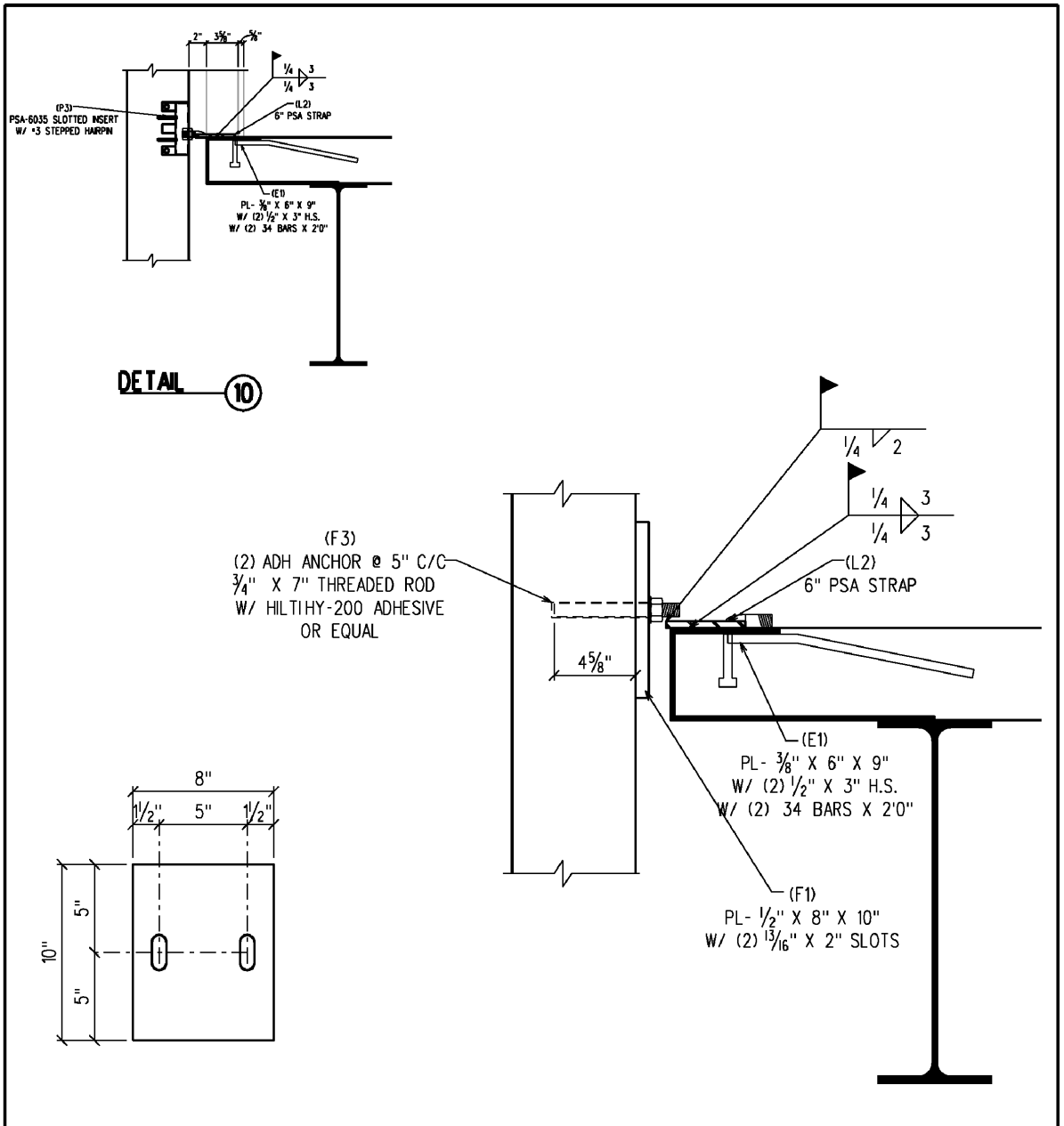
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

PSA INSERT MISSING FROM PANEL

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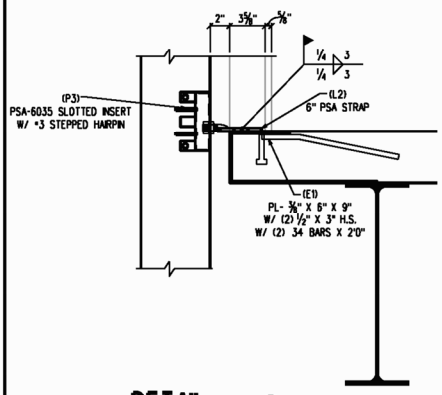
JPC JOB#: J197 DTS JOB#: 19013

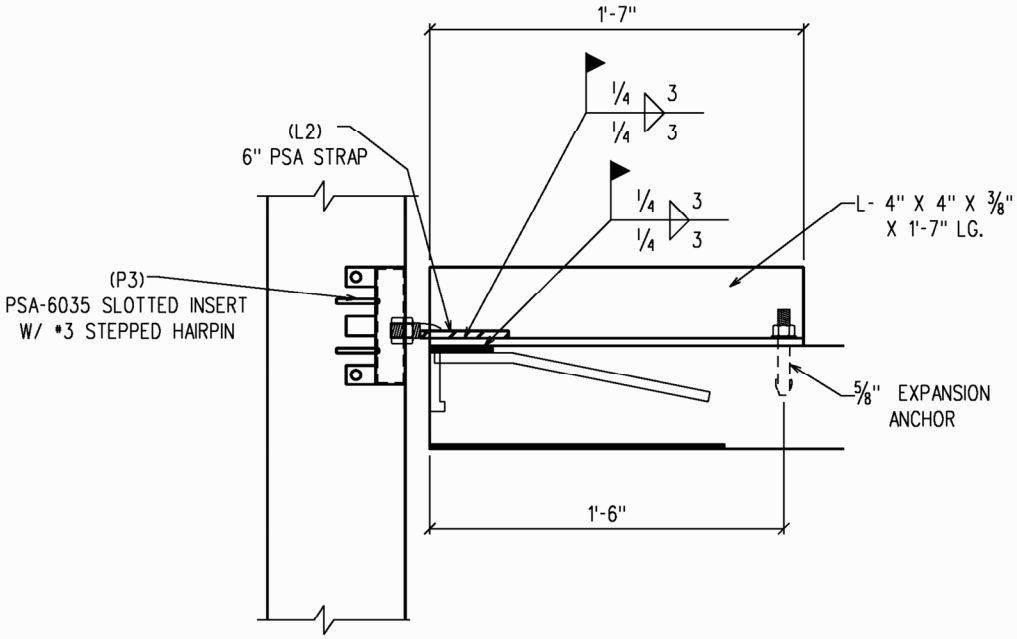
DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DETAIL (10)



DESCRIPTION OF PROBLEM	REF:
SLAB CUT OFF 3" CUTTING H.S. FROM EMBED	10
	FM. NO.: 10-11

P:\19013\FM1011.dgn 7/9/2021 8:23:30 PM DESIGN TECHNOLOGY SYSTEMS, INC.

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WEMJ

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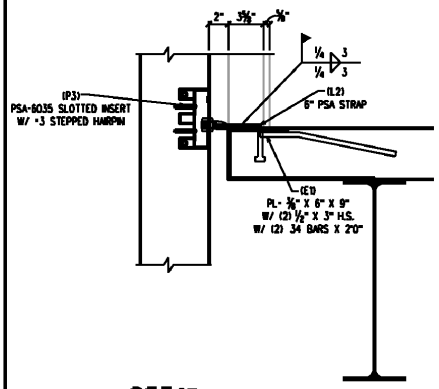
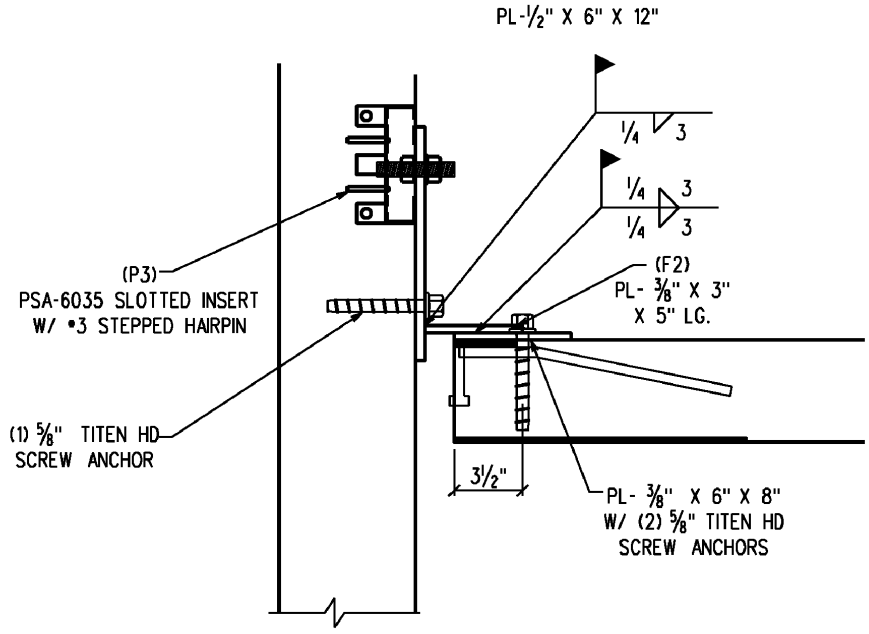


DETAIL 10



DESCRIPTION OF PROBLEM

PSA TO HIGH
SLAB CUT OFF 3" CUTTING H.S. FROM EMBED

REF: 10

FM. NO.: 10-10

P:\19013\FM1010.dgn 6/20/2021 3:58:08 PM

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WILLIAM EDD MITCHELL, JR. REGISTERED ENGINEER NO. 11268 STATE OF MISSISSIPPI

7-11-21

JACKSON PRECAST INC.

3325 LAWSON ST.
JACKSON, MS 39213 PH. (601) 321-8787

FIELD MODIFICATION

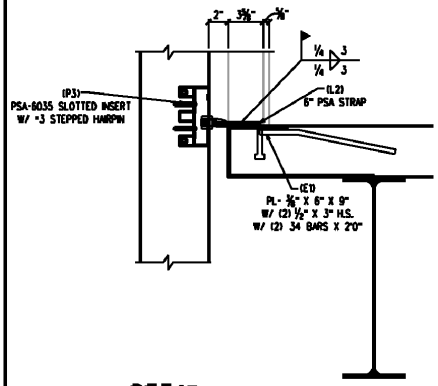
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:



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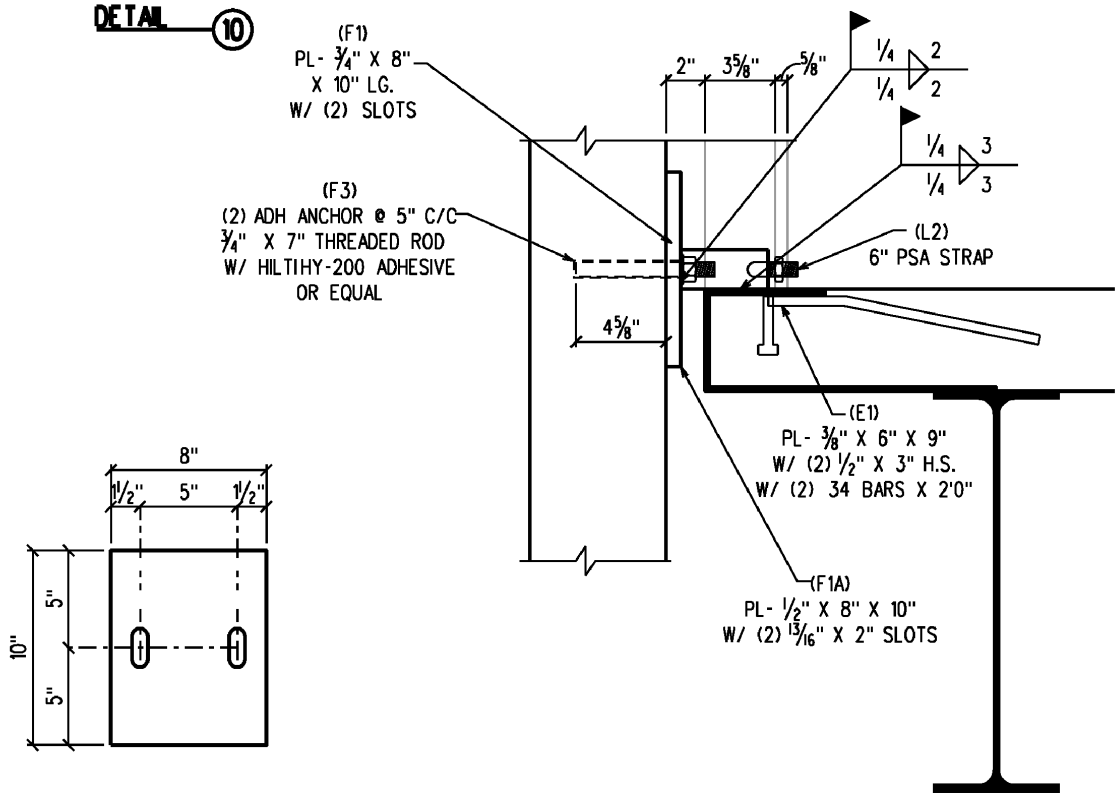

DESCRIPTION OF PROBLEM

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FM. NO.: 10-9

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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WEMJ Project No. 2019227

WILLIAM EDD MITCHELL, JR. REGISTERED ENGINEER NO. 11268 STATE OF MISSISSIPPI

7-11-21

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FIELD MODIFICATION

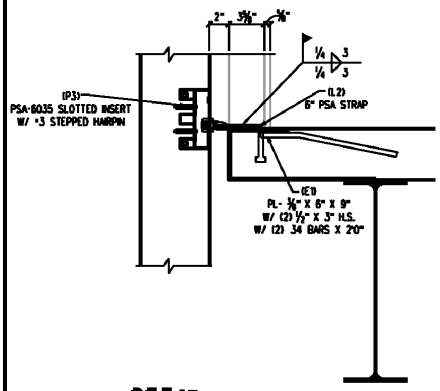
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:



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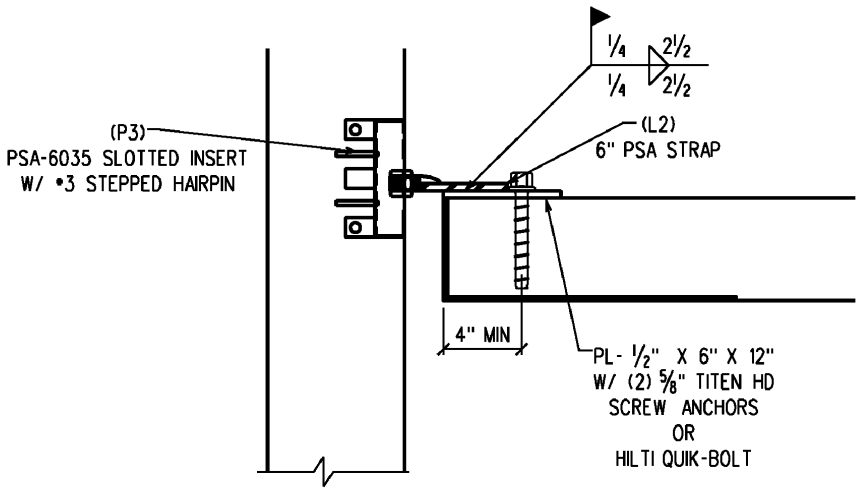

DESCRIPTION OF PROBLEM

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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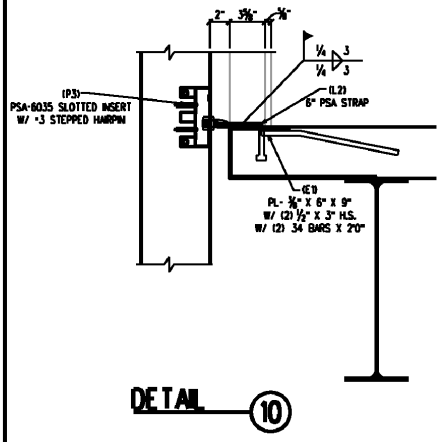
FIELD MODIFICATION

COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:



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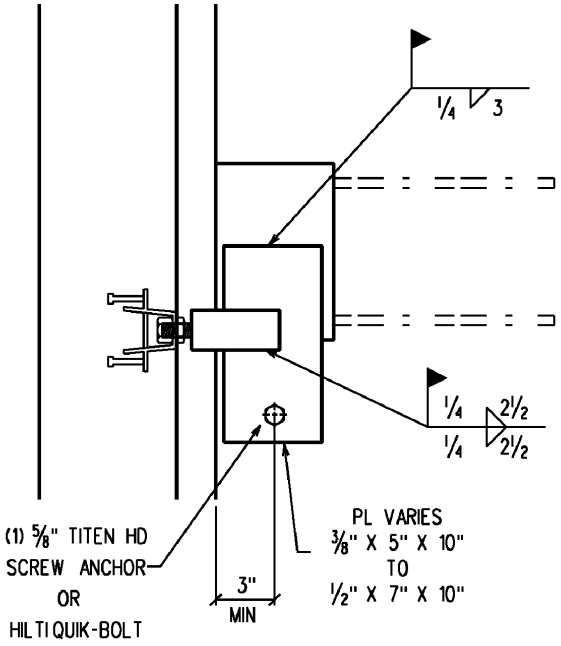

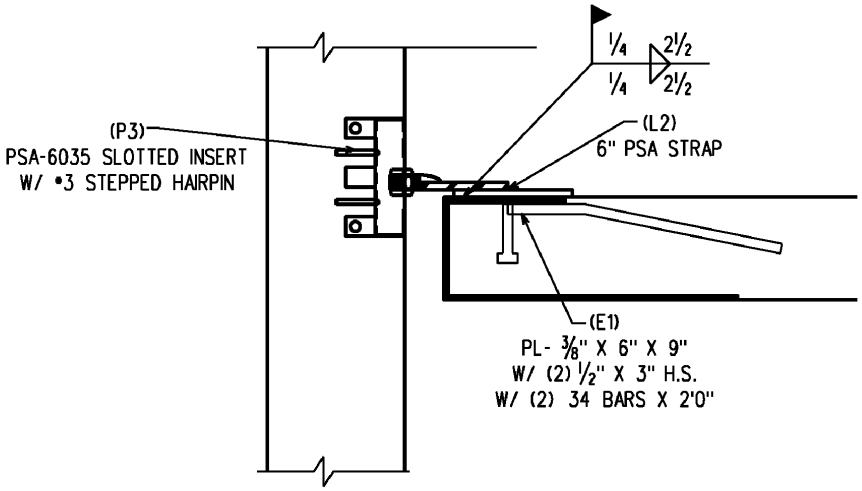

DESCRIPTION OF PROBLEM

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JACKSON PRECAST INC. architectural precast concrete — A PCI CERTIFIED PLANT

Community Bank Headquarters

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COMMUNITY BANK HDQTRS.

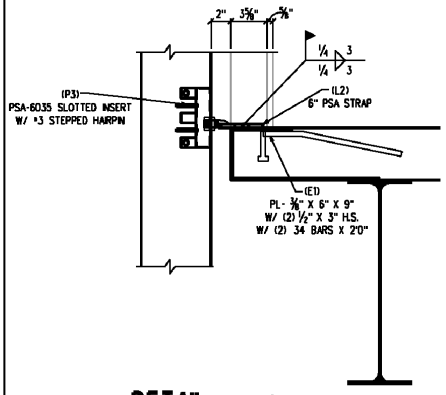
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:

FIELD MODIFICATION



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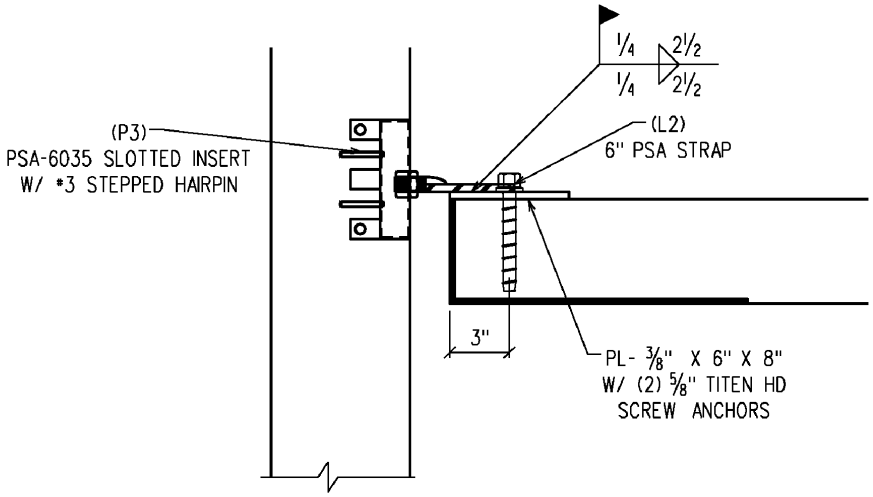

DESCRIPTION OF PROBLEM

EMBED MISSING FROM SLAB

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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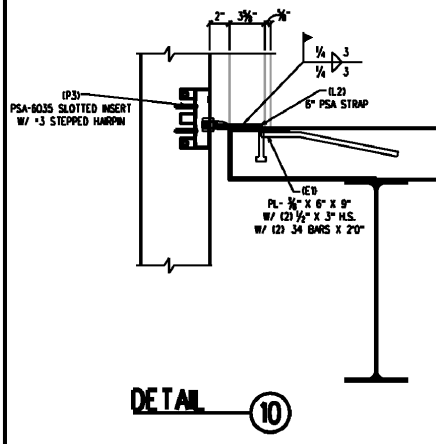
FIELD MODIFICATION

COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 11/10/20
REV. NO.: △ DATE:



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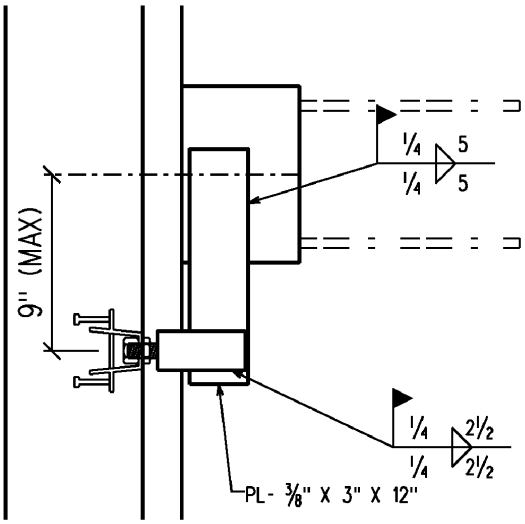

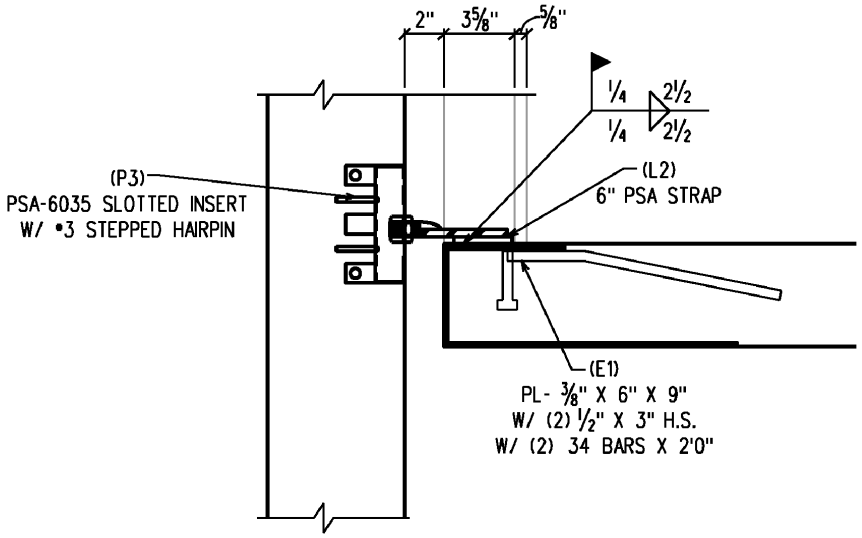

DESCRIPTION OF PROBLEM

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REF: 10

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

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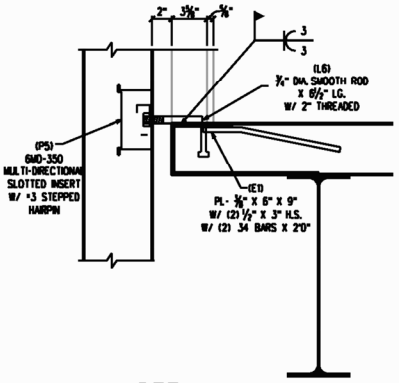
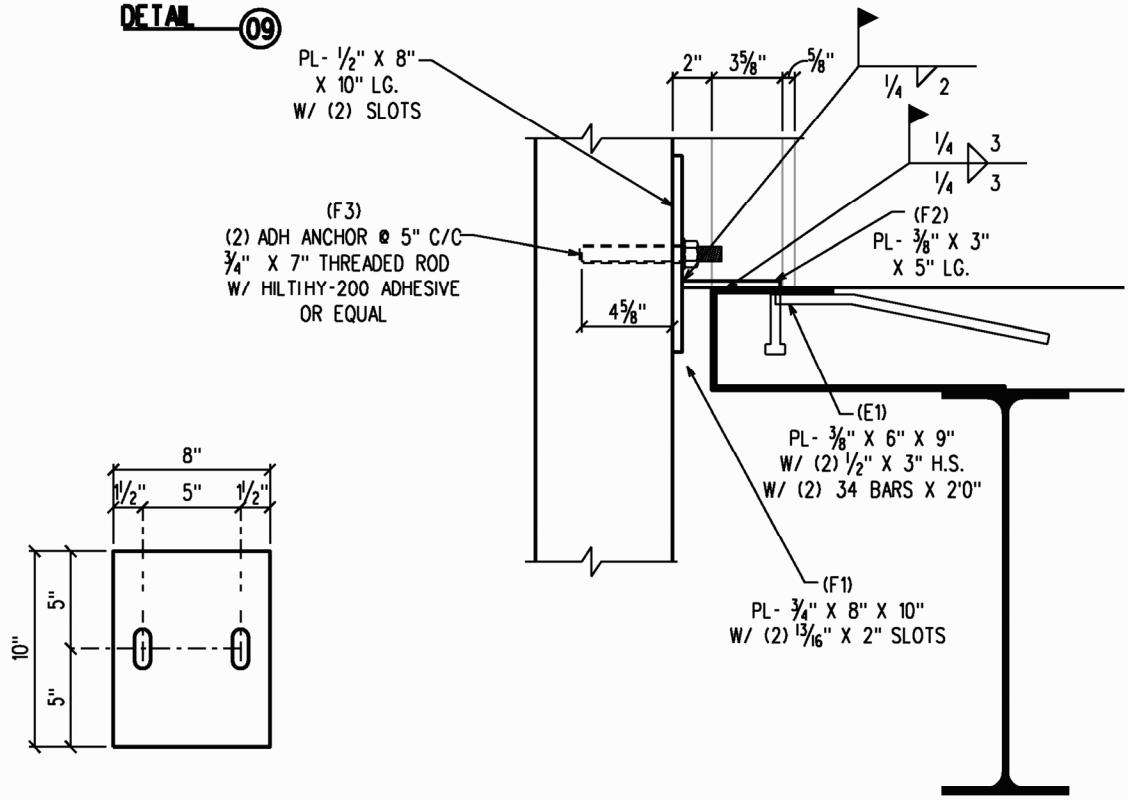
COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:

FIELD MODIFICATION



DETAIL 09



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7–11–21

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FIELD MODIFICATION

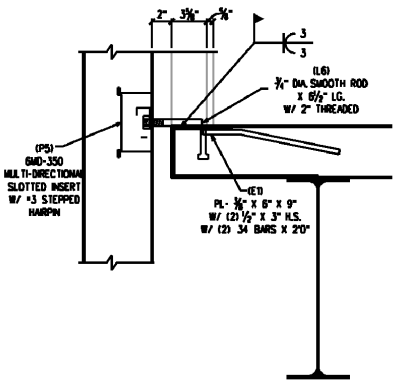
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:



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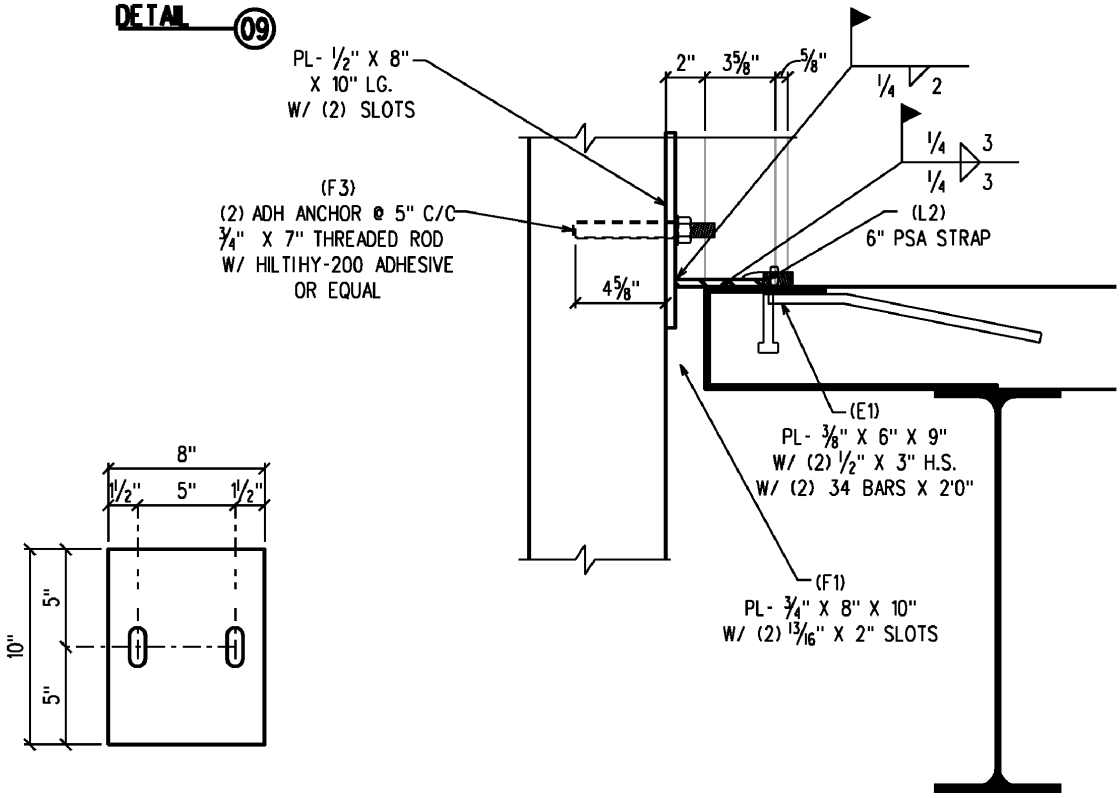

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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WEMJ Project No. 2019227

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FIELD MODIFICATION

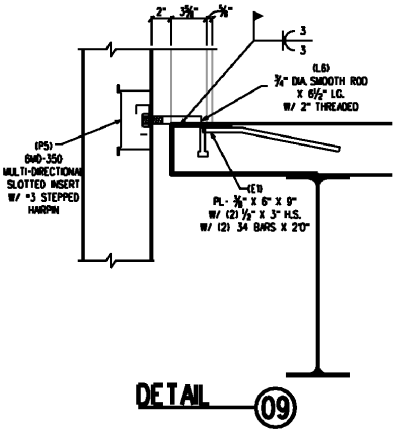
COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 11/10/20

REV. NO.: △ DATE:



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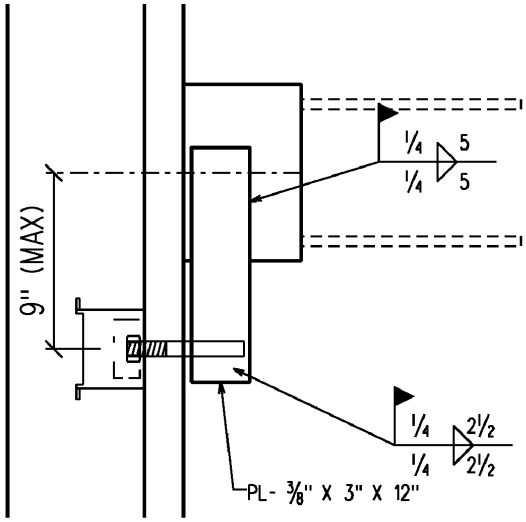

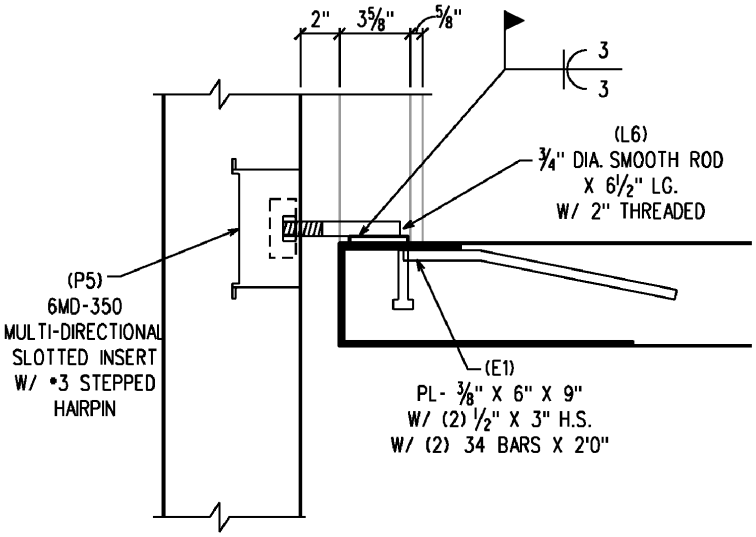

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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7-11-21

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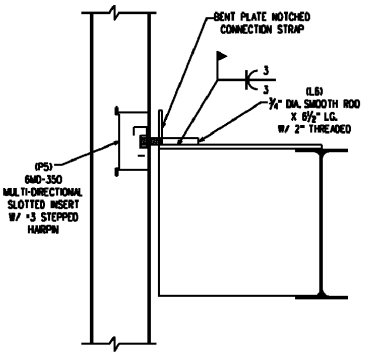
FIELD MODIFICATION

COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:



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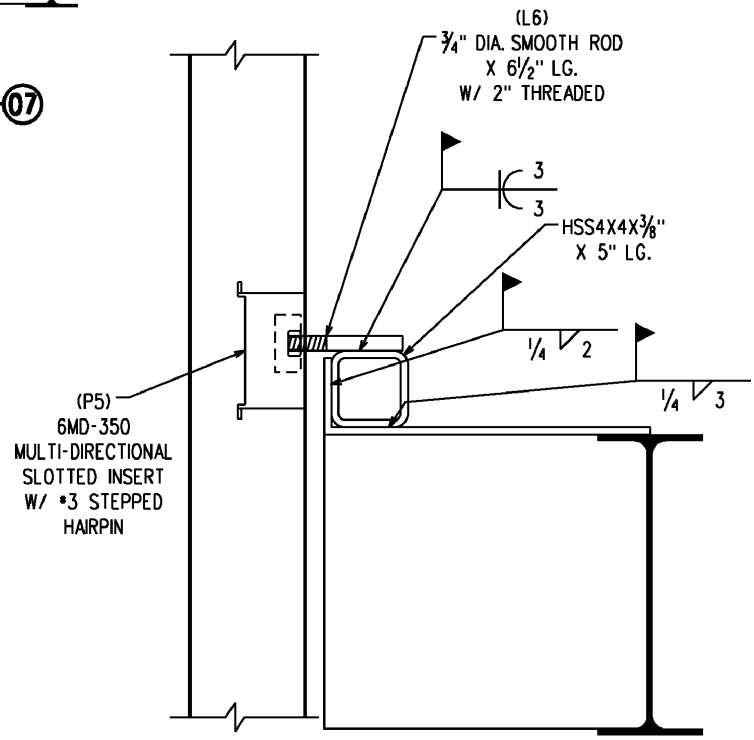

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6MD-350 IS TOO HIGH

REF: 07

FM. NO.: 07-3

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JACKSON PRECAST INC. architectural precast concrete — A PCI CERTIFIED PLANT

Community Bank Headquarters

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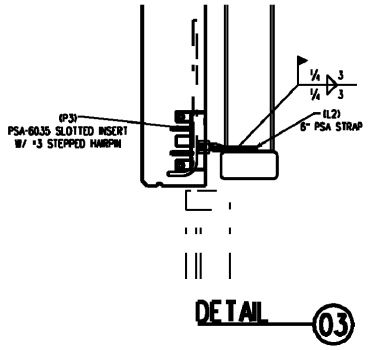
COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:



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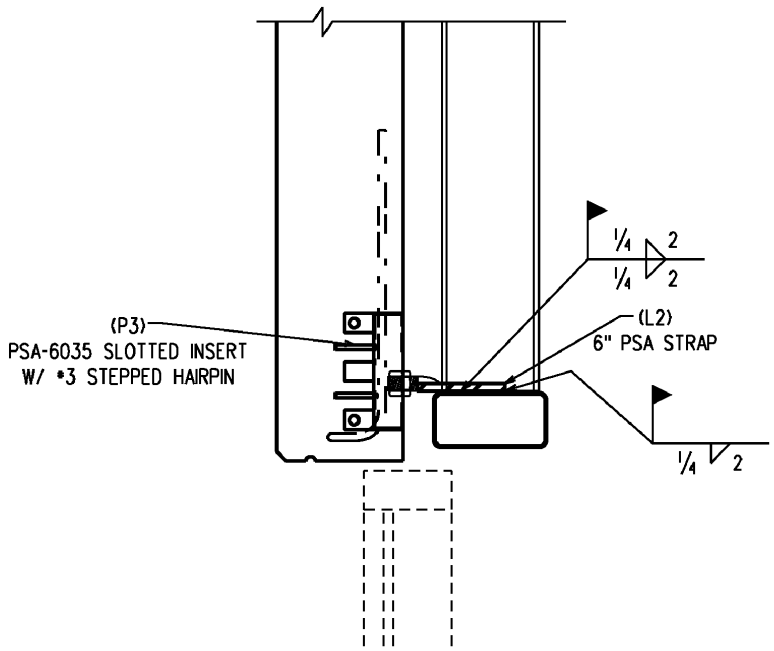

DESCRIPTION OF PROBLEM

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FM. NO.: 03-1

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

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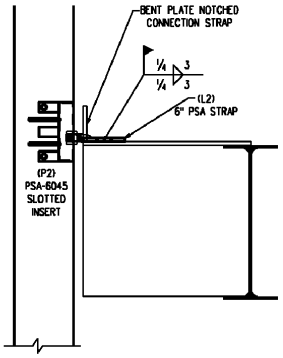
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 7/9/21

REV. NO.: △ DATE:

FIELD MODIFICATION



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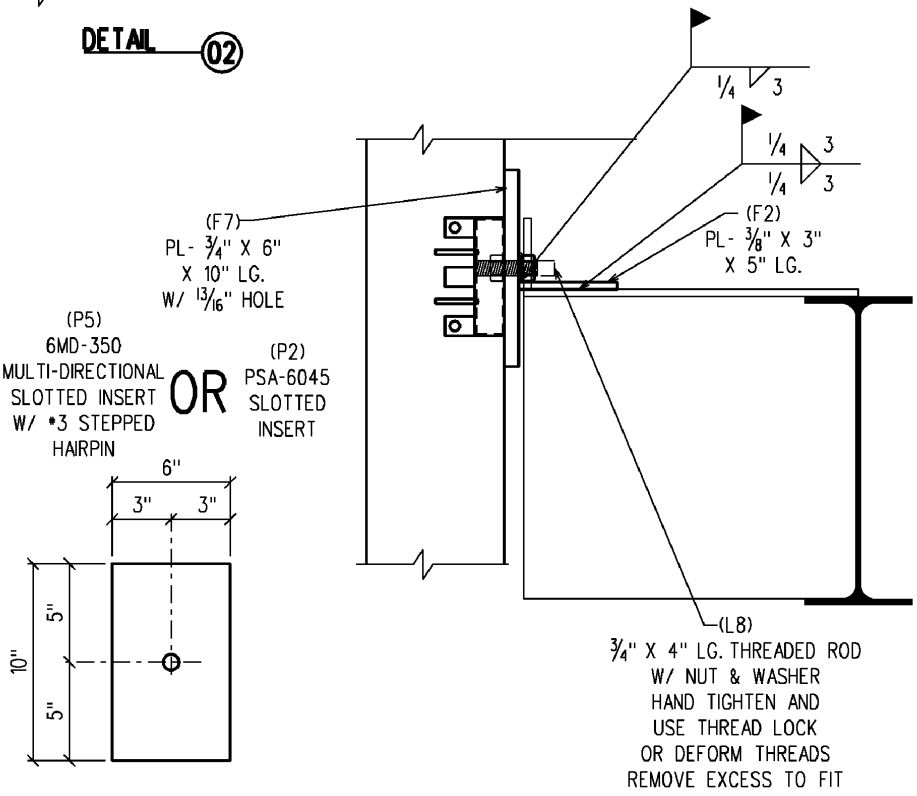

DESCRIPTION OF PROBLEM

FIX PLATE MISTAKENLY INSTALLED @ PLANT

REF: 02

FM. NO.: 2-5

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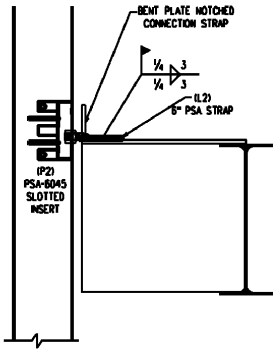
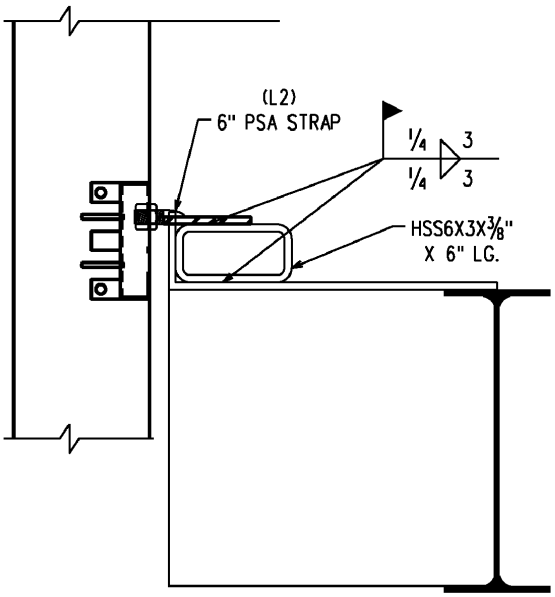
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:



DETAIL 02



DESCRIPTION OF PROBLEM

HSS SPACER ADDED

REF: 02

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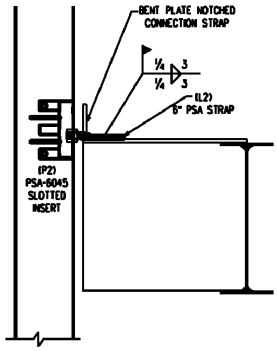
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 5/7/20

REV. NO.: △ DATE:



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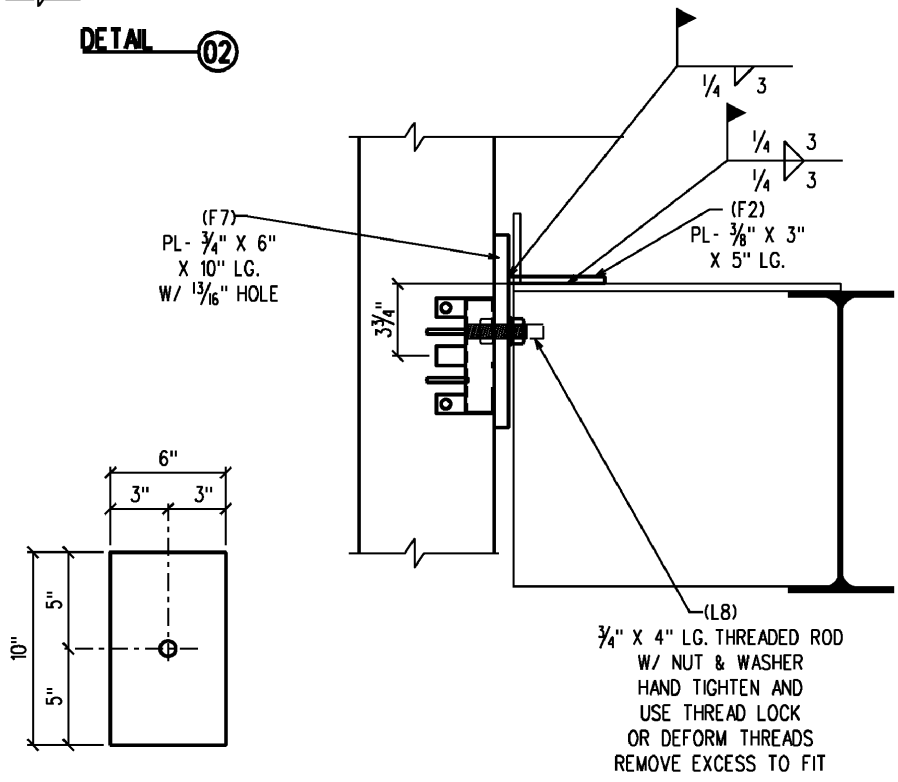

DESCRIPTION OF PROBLEM

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REF: 02

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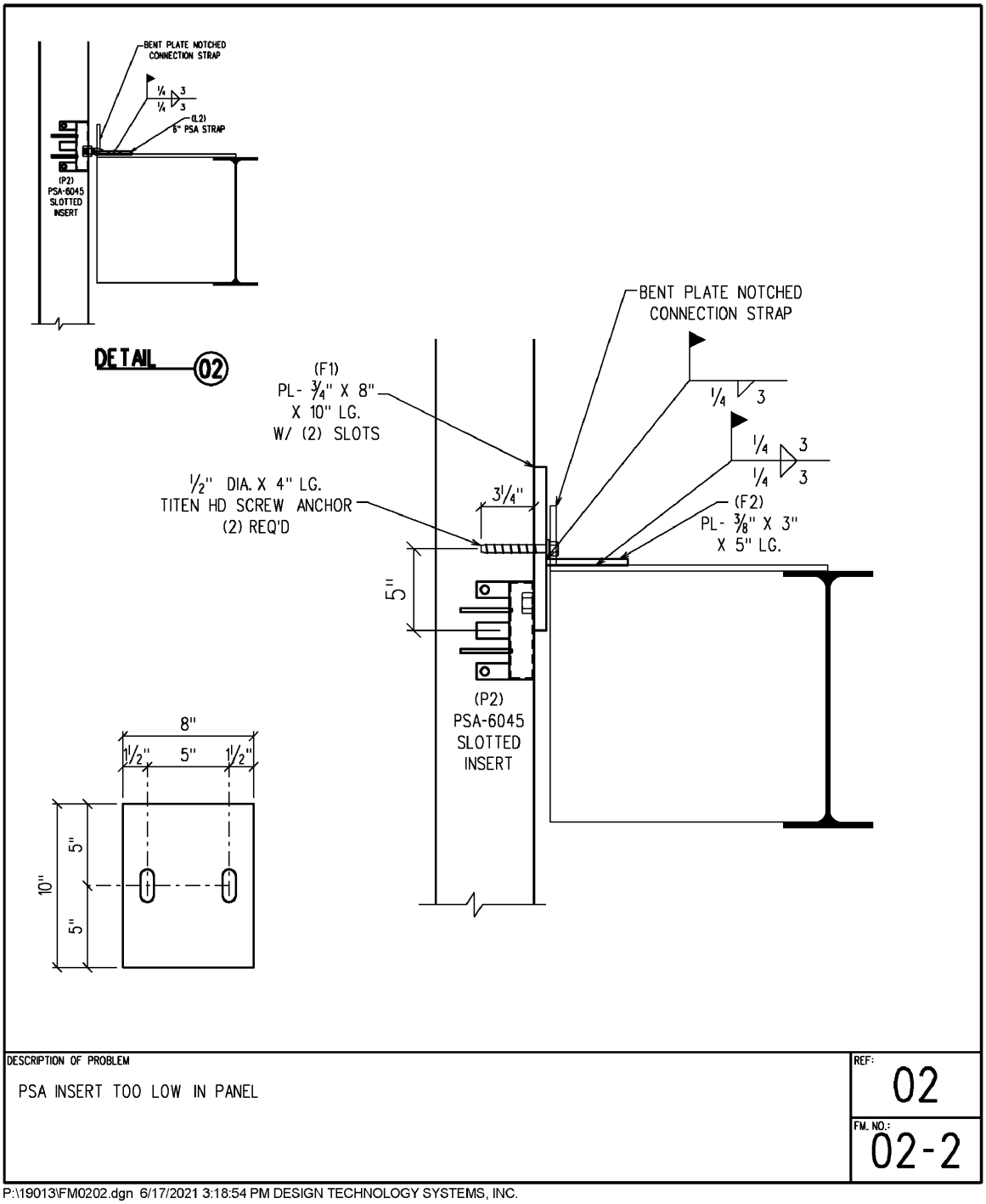
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE:

FIELD MODIFICATION



DESCRIPTION OF PROBLEM

PSA INSERT TOO LOW IN PANEL

REF: 02

FM. NO.: 02-2

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JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

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Email: wem@wemj.net

WEMJ Project No. 2019227

WILLIAM EDD MITCHELL, JR. REGISTERED ENGINEER NO. 11268 STATE OF MISSISSIPPI

7-11-21

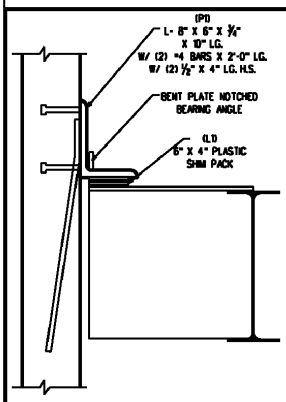
JACKSON PRECAST INC.

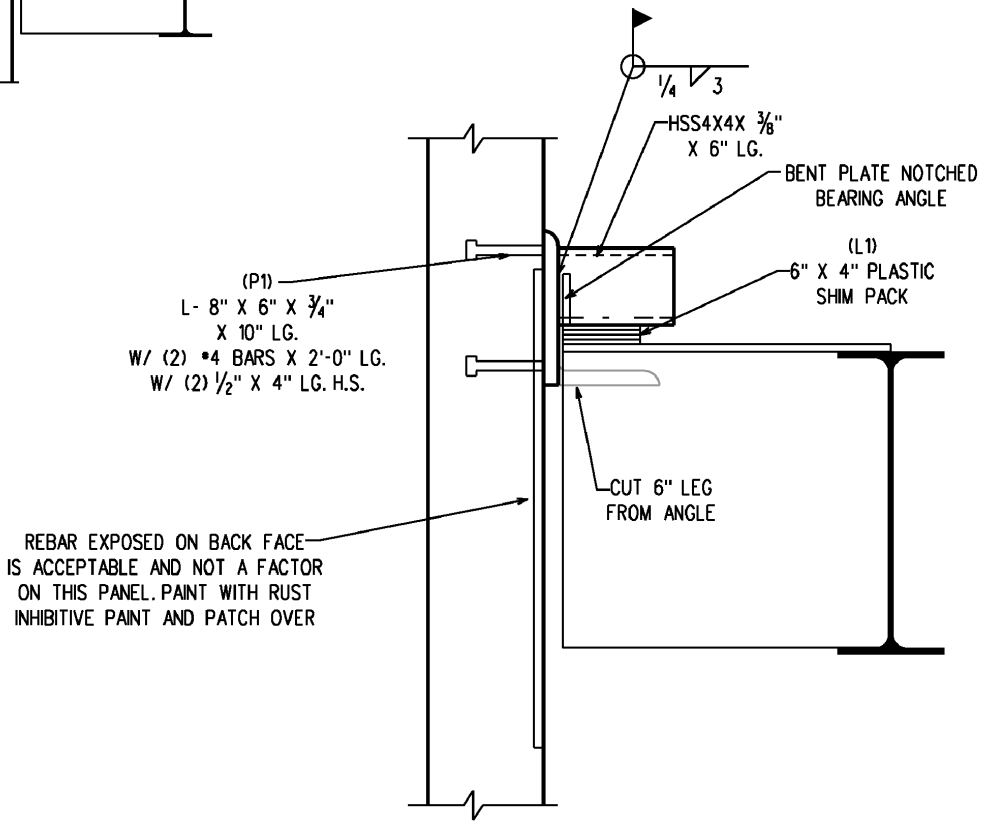
3325 LAWSON ST.
JACKSON, MS 39213 PH. (601) 321-8787

FIELD MODIFICATION

COMMUNITY BANK HDQTRS.
FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013
DATE: 6/17/21
REV. NO.: △ DATE:





DESCRIPTION OF PROBLEM

P1 CAST 4⅛" TOO LOW IN PANEL
AND TAIL BARS ARE EXPOSED
ON REAR FACE
(PANEL 104)

REF: 01

FM. NO.: 1-3

P:\19013\FM0103.dgn 6/20/2021 7:31:47 AM

JACKSON PRECAST INC. architectural precast concrete A PCI CERTIFIED PLANT

Community Bank Headquarters

Flowood, MS

William Edd Mitchell, Jr., P.E., S.E.
Structural Engineer
God's Gift Farm
8503 Newsom Station Road
Nashville, TN 37221
Phone: 615-915-1393
Email: wem@wemj.net

WEMJ Project No. 2019227

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7–11–21

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COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

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DATE: 6/17/21

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FIELD INSPECTION REPORT RESPONSE

REPORT	ITEM	FM #	COMMENT
BCD-CBH-013	1-E	N/A	PANEL 239 REMOVED??
BCD-CBH-013	1-F	N/A	16 CONNECTIONS ARE TEMPORARY FOR ERECTION AID FOR PANEL 240
BCD-CBH-013	1-G	FM16-03	·
BCD-CBH-013	1-I	FM11-04	·
BCD-CBH-013	1-J	FM16-03	16 CONNECTIONS ARE TEMPORARY FOR ERECTION AIDFOR PANEL 243
BCD-CBH-013	1-L	FM11-04	·
BCD-CBH-013	1-O	FM07-03	·
BCD-CBH-013	2-A	FM18-12	·
BCD-CBH-015	1-2	FM11-04	·
BCD-CBH-015	1-3	FM11-03	·
BCD-CBH-015	2-1	FM02-04	·
BCD-CBH-015	2-2	FM10-09	·
BCD-CBH-015	2-3	FM-11-03	·
BCD-CBH-015	2-5	FM-11-3	·
BCD-CBH-015	2-6	FM10-08	·
BCD-CBH-015	2-7	FM11-04	·
BCD-CBH-015	3-2	FM16-05	·
BCD-CBH-015	3-3	·	NEED MORE INFORMATION PHOTO NOT CLEAR. CONNECTION 16'S NOT MADE
BCD-CBH-015	3-4	·	NEED MORE INFORMATION. SHOULD BE OK, PHOTO NOT CLEAR
BCD-CBH-015	3-6	FM11-04	·
BCD-CBH-015	4-1	FM03-01	·
BCD-CBH-015	4-2	FM11-04	·
BCD-CBH-015	4-3	FM09-05	·
BCD-CBH-015	R-1	FM01-05	·
BCD-CBH-016	1-1	FM11-04	·
BCD-CBH-016	1-2	FM11-3	·
BCD-CBH-016	2-1	FM11-04	·
BCD-CBH-016	2-3	FM11-03	·
BCD-CBH-016	3-1	FM11-04	·
BCD-CBH-016	3-2	FM11-03	·
BCD-CBH-016	4-1	FM21-01	·

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JACKSON PRECAST INC.

3325 LAWSON ST.
JACKSON, MS 39213 PH. (601) 321-8787

COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB#: J197 DTS JOB#: 19013

DATE: 6/17/21

REV. NO.: △ DATE: ·

FIELD INSPECTION REPORT RESPONSE

REPORT	ITEM	FM #	COMMENT
BCD-CBH-016	4-2	FM10-08	·
BCD-CBH-016	4-3	FM10-08	·
BCD-CBH-016	4-4	·	NEED MORE INFORMATION PHOTO NOT CLEAR
BCD-CBH-016	R-1	FM02-04	·
BCD-CBH-016	R-2	FM02-04	·
BCD-CBH-017	2-2	FM11-03	·
BCD-CBH-017	2-3	FM10-0	·
BCD-CBH-017	2-4	FM10-07	·
BCD-CBH-017	3-1	FM11-04	·
BCD-CBH-017	3-2	FM18-12	·
BCD-CBH-017	3-3	·	·
BCD-CBH-017	3-4	·	NEED MORE INFORMATION. PLATE SIZE
BCD-CBH-017	3-5	FM10-10	·
BCD-CBH-017	3-6	·	IN PHOTO THERE APPEARS TO BE (2) ANCHORS TO SLAB. CLARIFY
BCD-CBH-017	4-1	·	NEED MORE INFORMATION. WHAT ANCHORS ARE IN THE PLATE
BCD-CBH-017	4-2	FM09-06	·
BCD-CBH-018	R-2	FM02-02	·
BCD-CBH-018	R-4	·	PROVIDE PHOTO
BCD-CBH-019	1-2	FM11-03	·
BCD-CBH-019	2-5	·	PHOTO NOT CLEAR. IT IS ACCEPTABLE TO USE FM18-02 AND FM18-03 TOGETHER
BCD-CBH-019	3-2	FM11-04	·
BCD-CBH-019	3-3	FM11-03	·
BCD-CBH-019	4-1	FM09-04	·
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BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office
551 Sunnybrook Road
Ridgeland, MS 39157
Phone: (601) 856-9911
Fax: (601) 853-2077

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Jackson, MS 39236

www.bcdgeo.com

Materials Laboratory
278 Commerce Park Drive
Ridgeland, MS 39157
Phone: (601) 856-2332
Fax: (601) 856-3552

Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: March 3, 2022

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to provide the final precast panel inspection report for Community Bank Headquarters in Flowood, Mississippi. See the attached report by Legacy Inspection.

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone: 601-503-4131
shannon@legacyinsp.com

LEGACY INSPECTION

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-024**	**Flowood, MS**	**/ 170340-4**
PO Box 12828	Page 1 of 7	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

In review of the updated Field Inspection Report Response List that was signed, stamped and dated 1/26/2022, all previously noted discrepancies have been accounted for with signed and stamped field modifications and/or clarification from the EOR.

Documents Reviewed:
Field Inspection Report Response List Rev 2

FM 26-1

FM 27-1

Area - Precast Panels

1. Previously noted on report BCD-CBH-013 (1.f.), "Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap." A question was asked to Mr. Eades on report BCD-CBH-021 (1st floor 5.) stating "Mr. Thomas Eades's response on the FM list is "16 connections are temporary for erection aid for panel 240." Panel 240 is located between grid lines 4 and 5. Mr. Eades, is this a typo on the FM list and should it read panel 242?" Mr Eades response to this question was provided on the updated list that was signed and dated 1/26/2022 with a revision replacing panel 240 with 242. This is no longer considered a discrepancy.
2. Previously noted on report BCD-CBH-013 (1.j.), "Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side." On report BCD-CBH-021 (2nd floor 8.), these connections were noted as "These connections comply with FM16-03. Mr. Thomas Eades's response on the FM list also states "16 connections are temporary for erection aid for panel 243." Panel 243 was not noted in this discrepancy. Mr. Eades, is this a typo on the FM list and should it read panel 223? Mr Eades response to this question was provided on the updated list that was signed and dated 1/26/2022 with a revision removing the notation of panel 243 and only requiring FM16-03. This is no longer considered a discrepancy.
3. Previously noted on report BCD-CBH-020 (Drive Through Canopy Precast Panels.1.), "Precast panel 135 of the canopy framing has connections 26 and 27 that have PSA pockets that were installed too high in the panel to complete the connection as detailed. Additional HSS were added to make the connection point. An approved field modification was not provided for these connections." Signed and stamped field modifications FM26-01 and FM27-01 have been provided for these connection points. These connections meet the requirements of these field modifications. This is no longer considered a discrepancy.
4. Previously noted on report BCD-CBH-020 (Drive Through Canopy Precast Panels.2.), "Panel 134 has two connections detailed 26 and 27 that have been field modified. An approved field modification was not provided for these connections." Signed and stamped field modifications FM26-01 and FM27-01 have been provided for these connection points. These connections meet the requirements of these field modifications. This is no longer considered a discrepancy.

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**3/3/22**					ROBERT VANCE	3/3/2022
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**0**	**0**	**4**	**4**	Client signature:	
Technician Signature:		Shannon R. Fulgham CWI 15030031 QC1 EXP. 3/1/2024					

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		North Side Precast Panels				
		1st Floor				
☑	2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015	7/15/21	This connection has since been completed and has been verified to meet the requirements of the approved field modification.	BCD-CBH-021
		2nd Floor				
☑	2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	This connection complies with FM02-04.	BCD-CBH-021
☑	2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015	7/15/21	These connections comply with FM10-09.	BCD-CBH-021
☑	2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
☑	2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
☑	2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM10-08.	BCD-CBH-021
☑	2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
		3rd Floor				
☑	2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015	7/15/21	These connections have since been completed and meet the requirements of he approved drawings.	BCD-CBH-021
☑	2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM16-05.	BCD-CBH-021
☑	2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	This connection complies with FM28-01.	BCD-CBH-021
☑	2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM23-01.	BCD-CBH-021
☑	2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015	12/16/21	This connection was verified to be installed as detailed on the approved drawings. Access to this connection was achieved through the ceiling and with the aid of a long reach fiber optic camera.	BCD-CBH-023
☑	2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-04.	BCD-CBH-021

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		North Side Precast Panels				
		4th Floor				
☑	2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM03-01.	BCD-CBH-021
☑	2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015	7/15/21	These connections comply with FM09-05.	BCD-CBH-021
		Roof				
☑	2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015	7/15/21	These connections comply with FM01-03.	BCD-CBH-021
☑	2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015	7/15/21	These connections comply with FM02-02.	BCD-CBH-021

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor				
☑	10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/2021	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
☑	10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD CBH-016
☑	10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
☑	10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013	7/15/21	Panel 239 has been removed and typical masonry work will be used in its place.	BCD-CBH-021
☑	10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	7/16/21	Detail 16 connection points of panel 242 are for erection purposes only.	BCD-CBH-021
☑	7/16/21	Mr. Thomas Eades's response on the FM list is "16 connections are temporary for erection aid for panel 240." Panel 240 is located between grid lines 4 and 5. Mr. Eades, is this a typo on the FM list and should it read panel 242?	BCD-CBH-021	3/3/22	Mr Eades response to this question was provided on the updated list that was signed and dated 1/26/2022 with a revision replacing panel 240 with 242.	BCD-CBH-024
☑	10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013	7/15/21	These connections comply with FM16-03.	BCD-CBH-021
☑	10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013	7/15/21	This connection complies with FM18-12.	BCD-CBH-021
☑	2/22/21	Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
		2nd Floor				
☑	10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013	7/15/21	These connections comply with FM16-03.	BCD-CBH-021
☑	7/15/21	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side. These connections comply with FM16-03. Mr. Thomas Eades's response on the FM list also states "16 connections are temporary for erection aid for panel 243." Panel 243 was not noted in this discrepancy. Mr. Eades, is this a typo on the FM list and should it read panel 223?	BCD-CBH-021	3/3/22	Mr Eades response to this question was provided on the updated list that was signed and dated 1/26/2022 with a revision removing the notation of panel 243 and only requiring FM16-03.	BCD-CBH-024
☑	2/22/21	Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
		3rd Floor				
☑	10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013	9/16/21	This connection has since been welded full lengthen three sides on each of the plates. This connection meets the requirements of the approved field modification.	BCD-CBH-022
☑	10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013	7/15/21	This connection has since been completed and meets the requirements of he approved drawings.	BCD-CBH-021
☑	10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013	2/22/21	These connections have been corrected and now meet the requirements of the approved drawings.	BCD-CBH-016

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		3rd Floor				
☑	2/22/21	Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/22/21	Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
☑	2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016	9/16/21	Connection point detailed 28 on panel 103-1 is complete and meets the requirements of the approved drawings.	BCD-CBH-022
☑	2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016	12/16/21	This connection was verified to be installed as detailed on the approved drawings. Access to this connection was achieved through the ceiling and with the aid of a long reach fiber optic camera.	BCD-CBH-023
		4th Floor				
☑	2/22/21	Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM21-01.	BCD-CBH-021
☑	2/22/21	Panel 207-2 is connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM10-08.	BCD-CBH-021
☑	2/22/21	Panel 129-2 is connected to the slab at two connections with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 4" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM10-08.	BCD-CBH-021
☑	2/22/21	Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection.	BCD-CBH-016	7/15/21	These connections comply with FM10-12 & FM10-13.	BCD-CBH-021
		Roof				
☑	10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013	7/15/21	This connection complies with FM07-03.	BCD-CBH-021
☑	2/22/21	Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect.	BCD-CBH-016	7/15/21	This connection complies with FM02-04.	BCD-CBH-021
☑	2/22/21	Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	This connection complies with FM02-04.	BCD-CBH-021

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		East Side Precast Panels				
		2nd Floor				
☑	2/23/21	Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead. EOR, is this structurally accoptable?	BCD-CBH-017	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
☑	2/23/21	Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 3" from the edge of the slab. The PSA strap is overlaying the plate 2 1/4" and is welded on three sides. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	This connection complies with FM10-06.	BCD-CBH-021
☑	2/23/21	Panel 109B and 109A have connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x5x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.3 and FM10.4 could have been used for this connection. EOR, are these connections structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM10-07.	BCD-CBH-021
☑	2/23/21	Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate.	BCD-CBH-017	7/15/21	These connections have since been completed and meet the requirements of he approved drawings.	BCD-CBH-021
		3rd Floor				
☑	2/23/21	Panel 118-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	2/23/21	Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	This connection complies with FM18-12.	BCD-CBH-021
☑	2/23/21	Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections. EOR, are these connections structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM10-07.	BCD-CBH-021
☑	2/23/21	Panel 112 has been field modified. A section of the slab has been cut off. A plate 1/2x6x12 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 7" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM10-14.	BCD-CBH-021
☑	2/23/21	Panel 112-1 has been field modified. A section of the slab has been cut off and the PSA inserts are too high. A plate 3/8x5x10 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 3.5" from the edge. A 1/2x6x12 plate is installed vertically to connect to the PSA insert an an HD screw anchor is installed approximately 7" below the PSA insert. A 3/8x6x6 plate is welded to the vertical and horizontal plates. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM10-10.	BCD-CBH-021
☑	2/23/21	Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017	7/15/21	These connections comply with FM10-11.	BCD-CBH-021
		4th Floor				
☑	2/23/21	Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017	7/15/21	These connections comply with FM10-05.	BCD-CBH-021
☑	2/23/21	Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017	7/15/21	These connections comply with FM09-06.	BCD-CBH-021

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		West Side Precast Panels				
		1st Floor				
☑	4/29/21	Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'.	BCD-CBH-019	9/16/21	These panels have been adjusted for proper alignment.	BCD-CBH-022
☐	4/29/21	Panel 107 at grid line G is approximately 1/4" out of plumb over a span of 6'. This indicates that panel 107 is installed too far away from the building to achieve proper alignment with the panel above.	BCD-CBH-019			
☑	4/29/21	Panels 109B and 109A have connecting points detailed 11 that were field modified using FM 11-1. Instead of using a L4x4x3/8" a PL8x6x3/8" was used at these connections. EOR, is this structurally acceptable?	BCD-CBH-019	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
		2nd Floor				
☑	4/29/21	Connection points of panel 107 to 112 at grid line F has one connection detailed 16 that is not complete. The 1/2" plate is not welded to the embed plate in panel 107.	BCD-CBH-019	7/15/21	These connections have since been completed and meet the requirements of he approved drawings.	BCD-CBH-021
☑	4/29/21	Connection points of panel 108 to 113 at grid line C has one connection detailed 16 that is not complete. The 1/2" plate is not welded to an embed plate in panel 108. It does not appear that an embedded plate was installed in this panel.	BCD-CBH-019	7/15/21	These connections have since been completed and meet the requirements of he approved drawings.	BCD-CBH-021
☑	4/29/21	Panel 112 at grid line D has one connection point detailed 18 that has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was cut from the HSS6x3x3/8and a 3/8" plate was welded to the HSS and installed with the plate side up. The P7 plate was also missing from panel 112 and a PL 3/8"x6"x10" was installed with (4) 3/4" diameter threaded rods. EOR, is this structurally acceptable?	BCD-CBH-019	7/15/21	These connections comply with FM18-02 & FM18-03.	BCD-CBH-021
		3rd Floor				
☑	4/29/21	Panel 118 has four connections detailed 11. The L4x4x3/8" is welded directly to the embedded plate. The detail calls for the angle to be bolted to a PL 3/8x6x6 and that plate welded to the embed with a 4" long 1/4" fillet. EOR, is this condition structurally acceptable?	BCD-CBH-019	7/15/21	These connections comply with FM11-04.	BCD-CBH-021
☑	4/29/21	Panel 114 has two connections detailed 11 that have been modified similar to FM 11-1. Instead of using a L4x4x3/8x1'-7" a PL3/8x6x8" was used. EOR, is this condition structurally acceptable?	BCD-CBH-019	7/15/21	These connections comply with FM11-03.	BCD-CBH-021
		4th Floor				
☑	4/29/21	Panel 114 has two connections detailed 09 that have been field modified similar to FM 10-4. A FM has not been provided for the condition of these two connections. EOR, is this structurally acceptable?	BCD-CBH-019	7/15/21	These connections comply with FM09-04.	BCD-CBH-021
		Drive Through Canopy Precast Panels				
☑	7/7/21	Precast panel 135 of the canopy framing has connections 26 and 27 that have PSA pockets that were installed too high in the panel to complete the connection as detailed. Additional HSS were added to make the connection point. An approved field modification was not provided for these connections.	BCD-CBH-020	3/3/22	These connections comply with FM26-01 and FM27-01.	BCD-CBH-024
☑	7/7/21	Panel 134 has two connections detailed 26 and 27 that have been field modified. An approved field modification was not provided for these connections.	BCD-CBH-020	3/3/22	These connections comply with FM26-01 and FM27-01.	BCD-CBH-024
☑	7/7/21	Panels 131, 132, 137 and 136 of the canopy framing closest to the building are not plumb. The mitered ends of the panels have a gap spacing that is not consistent. The GC stated that these panels will be realigned in the near future.	BCD-CBH-020	9/16/21	These panels have been adjusted for proper alignment. Connection points of these panels meet the requirements of the approved drawings.	BCD-CBH-022
☑	7/7/21	Two (2) 16K3 bar joist are slightly bent on the bottom chord.	BCD-CBH-020	9/16/21	A field modification procedure was prepared by Lang Joist, Inc. These two joist were repaired as directed in this procedure. These joist meet the requirements of the approved procedure.	BCD-CBH-022
☑	7/7/21	Panel 134 on the east end of the canopy framing is not plumb. This panel is currently being supported by a crane.	BCD-CBH-020	9/16/21	This panel has been adjusted for proper alignment. Connection points of these panels meet the requirements of the approved drawings.	BCD-CBH-022
☐						
☐						
☐						
☐						

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: May 6, 2021

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections of precast panels on April 29, 2021 for Community Bank Headquarters in Flowood, Mississippi. Details of this inspection were reported to Mr. Stan Green before Legacy Inspection left the project site. See the attached report by Legacy Inspection for items that need clarification or correction.

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone: 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	BCD-CBH-019 Page 1 of 12	Flowood, MS	/ 170340-4 Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On April 29, 2021 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Stan Green, project superintendent for Fountain Construtions. Mr. Green was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans, shop drawings and field modifications

Items Inspected:
1- Welded and bolted connections.

Notes Added by Robert Clay

EOR - Engineer of Record, William Mitchell, P.E., S.E

FCC - Fountain Construction Company

Findings:

Area - West Side Precast Panels (C-J)
First Floor

1- At column line D and G , panels 107 and 112 are not plumb. The GC stated that they are preparing to adjust the panels at grid line D but not at grid line G.
   a. Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'. It appears that adjusting panel 107 at the top will produce proper alignment of the panels. (photo 1-2) **To be Corrected By FCC.**
   b. Panel 107 at grid line G is approximately 1/4" out of plumb over a span of 6'. This indicates that panel 107 is installed too far away from the building to achieve proper alignment with the panel above. (photo 3-4)

EOR 2- Panels 109B and 109A have connecting points detailed 11 that were field modified using FM 11-1. Instead of using a L4x4x3/8" a PL8x6x3/8" was used at these connections. EOR, is this structurally acceptable? (photo 5)

Second Floor

~~1- Panel 109A has two connection points detailed 10 that have been modified using FM 10-3. These connections meet the requirements of this FM. (photo 6)~~

2- Connection points of panel 107 to 112 at grid line F has one connection detailed 16 that is not complete. The 1/2" plate is not welded to the embed plate in panel 107. This does not meet the requirements of the approved drawings. (photo 7) **To be Corrected By FCC.**

3- Connection points of panel 108 to 113 at grid line C has one connection detailed 16 that is not complete. The 1/2" plate is not welded to an embed plate in panel 108. It does not appear that an embedded plate was installed in this panel. This does not meet the requirements of the approved drawings. (photo 8)

To be Corrected By FCC using FM 16-2

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	5/6/21	80	2	10	12	ROBERT VARNER	5/6/21

Certification level: AWS CWI 15030031
ACCP UT Level II 197199

Technician Signature

Client signature:

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	BCD-CBH-019 Page 2 of 12	Flowood, MS	/ 170340-4
		Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - West Side Precast Panels (C-J)

Second Floor

~~4- Panel 108 at grid line C has two connection points detailed 10 that have been modified using FM 10-5. These connections meet the requirements of this FM. (photo 9-10)~~

EOR 5- Panel 112 at grid line D has one connection point detailed 18 that has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was cut from the HSS6x3x3/8and a 3/8" plate was welded to the HSS and installed with the plate side up. The P7 plate was also missing from panel 112 and a PL 3/8"x6"x10" was installed with (4) 3/4" diameter threaded rods. EOR, is this structurally acceptable? (photo 11) **Modifications made at JPI Plant**

Third Floor

~~1- Panel 109B and 109A have two connection points detailed 10 that have been modified using FM 10-3. These connections meet the requirements of this FM. (photo 12)~~

EOR 2- Panel 118 has four connections detailed 11. The L4x4x3/8" is welded directly to the embedded plate. The detail calls for the angle to be bolted to a PL 3/8x6x6 and that plate welded to the embed with a 4" long 1/4" fillet. EOR, is this condition structurally acceptable? (photo 13) *** Note # 1 Below**

EOR 3- Panel 114 has two connections detailed 11 that have been modified similar to FM 11-1. Instead of using a L4x4x3/8x1'-7" a PL3/8x6x8" was used. EOR, is this condition structurally acceptable? (photo 14)

Fourth Floor

EOR 1- Panel 114 has two connections detailed 09 that have been field modified similar to FM 10-4. A FM has not been provided for the condition of these two connections. EOR, is this structurally acceptable? (photo 15)

~~2- Panels 115, 116 and 117 have connection points detailed 10 and 09 that have been modified using FM 10-5 and FM 9-3. These connections meet the requirements of these FM's. (photo 16)~~

Comments	These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	5/6/21					ROBERT VARNER	5/6/21
Certification level: AWS CWI 15030031 ACCP UT Level II 197199		80	2	10	12	Client signature:	
Technician Signature							

Notes:

1. Item # 2 installed per Detail 11, For Construction Drawings dated 02/17/20. File & Field Drawings dated 10/15/20 changed panel connection.

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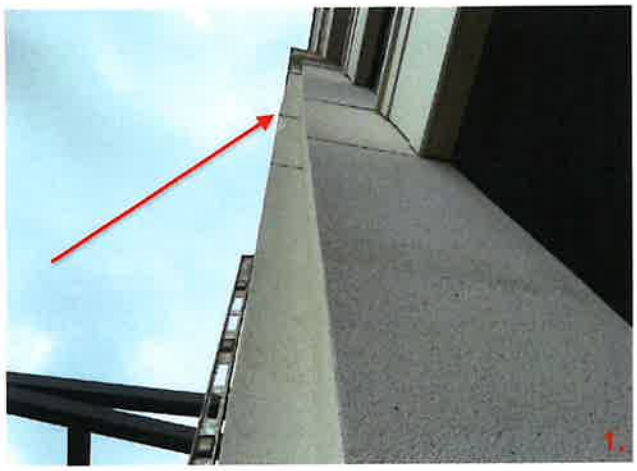
Client: Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	Report # BCD-CBH-019	Job Location: Flowood, MS	Work Order / Project No: / 170340-4
	Page 3 of 12	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS



Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'. It appears that adjusting panel 107 at the top will produce proper alignment of the panels.

Panel 107 at grid line G is approximately 1/4" out of plumb over a span of 6'. This indicates that panel 107 is installed too far away from the building to achieve proper alignment with the panel above.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	BCD-CBH-019 Page 4 of 12	Flowood, MS	/ 170340-4
		Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

5

Panels 109B and 109A have connecting points detailed 11 that were field modified using FM 11-1. Instead of using a L4x4x3/8" a PL8x6x3/8" was used at these connections.

6

Panel 109A has two connection points detailed 10 that have been modified using FM 10-3. These connections meet the requirements of this FM.

7

Connection points of panel 107 to 112 at grid line F has one connection detailed 16 that is not complete. The 1/2" plate is not welded to the embed plate in panel 107.

8

Connection points of panel 108 to 113 at grid line C has one connection detailed 16 that is not complete. The 1/2" plate is not welded to an embed plate in panel 108. It does not appear that an embedded plate was installed in this panel.

LEGACY INSPECTION LLC
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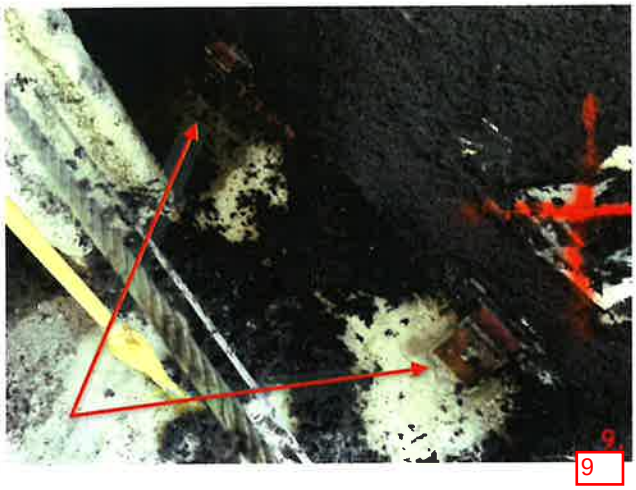
Client: Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	Report # BCD-CBH-019	Job Location: Flowood, MS	Work Order / Project No: / 170340-4
	Page 5 of 12	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

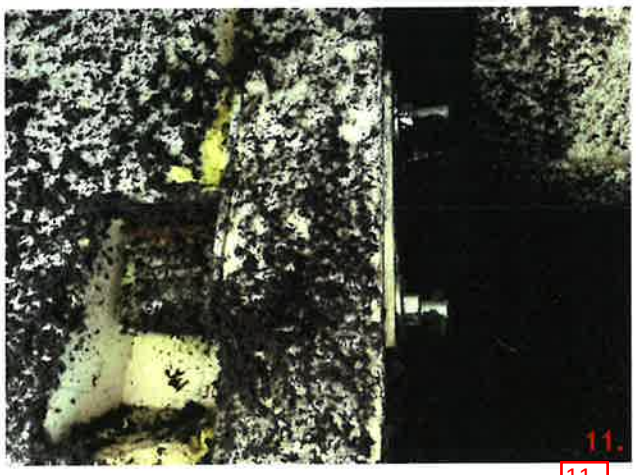
PHOTOS



9

10

Panel 108 at grid line C has two connection points detailed 10 that have been modified using FM 10-5. These connections meet the requirements of this FM.



11

Panel 112 at grid line D has one connection point detailed 18 that has been modified using a combination of FM 18-2 and FM 18-3.

12

Panel 109B and 109A have two connection points detailed 10 that have been modified using FM 10-3. These connections meet the requirements of this FM.

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Client: Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	Report # BCD-CBH-019	Job Location: Flowood, MS	Work Order / Project No: / 170340-4
	Page 6 of 12	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

13

Panel 118 has four connections detailed 11. The L4x4x3/8" is welded directly to the embedded plate.

14

Panel 114 has two connections detailed 11 that have been modified similar to FM 11-1. Instead of using a L4x4x3/8x1'-7" a PL3/8x6x8" was used.

15

Panel 114 has two connections detailed 09 that have been field modified similar to FM 10-4.

16

Panels 115, 116 and 117 have connection points detailed 10 and 09 that have been modified using FM 10-5 and FM 9-3.

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	1st Floor				
2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015			
	2nd Floor				
2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015			
2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	3rd Floor				
2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015			
2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		North Side Precast Panels				
		4th Floor				
	2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015			
		Roof				
	2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015			
	2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor				
✓	10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/2021	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
✓	10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
✓	10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
	10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013			
	10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013			
	2/22/21	Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		2nd Floor				
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013			
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	2/22/21	Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		3rd Floor				
	10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013			
	10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013			
✓	10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013	2/22/21	These connections have been corrected and now meet the requirements of the approved drawings.	BCD-CBH-016

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	South Side Precast Panels				
	3rd Floor				
2/22/21	Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016			
	4th Floor				
2/22/21	Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 207-2 is connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 209 at two locations is connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection.	BCD-CBH-016			
	Roof				
10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013			
2/22/21	Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect.	BCD-CBH-016			
2/22/21	Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	East Side Precast Panels				
	2nd Floor				
2/23/21	Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 3" from the edge of the slab. The PSA strap is overlaying the plate 2 1/4" and is welded on three sides. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109B and 109A have connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x5x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.3 and FM10.4 could have been used for this connection. EOR, are these connections structurally acceptable?	BCD-CBH-017			
2/23/21	Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate.	BCD-CBH-017			
	3rd Floor				
2/23/21	Panel 118-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections. EOR, are these connections structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112 has been field modified. A section of the slab has been cut off. A plate 1/2x6x12 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 7" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112-1 has been field modified. A section of the slab has been cut off and the PSA inserts are too high. A plate 3/8x5x10 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 3.5" from the edge. A 1/2x6x12 plate is installed vertically to connect to the PSA insert an an HD screw anchor is installed approximately 7" below the PSA insert. A 3/8x6x6 plate is welded to the vertical and horizontal plates. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
	4th Floor				
2/23/21	Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017			
2/23/21	Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	West Side Precast Panels				
	1st Floor				
4/29/21	Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'.	BCD-CBH-019			
4/29/21	Panel 107 at grid line G is approximately 1/4" out of plumb over a span of 6'. This indicates that panel 107 is installed too far away from the building to achieve proper alignment with the panel above.	BCD-CBH-019			
4/29/21	Panels 109B and 109A have connecting points detailed 11 that were field modified using FM 11-1. Instead of using a L4x4x3/8" a PL8x6x3/8" was used at these connections. EOR, is this structurally acceptable?	BCD-CBH-019			
	2nd Floor				
4/29/21	Connection points of panel 107 to 112 at grid line F has one connection detailed 16 that is not complete. The 1/2" plate is not welded to the embed plate in panel 107.	BCD-CBH-019			
4/29/21	Connection points of panel 108 to 113 at grid line C has one connection detailed 16 that is not complete. The 1/2" plate is not welded to an embed plate in panel 108. It does not appear that an embedded plate was installed in this panel.	BCD-CBH-019			
4/29/21	Panel 112 at grid line D has one connection point detailed 18 that has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was cut from the HSS6x3x3/8and a 3/8" plate was welded to the HSS and installed with the plate side up. The P7 plate was also missing from panel 112 and a PL 3/8"x6"x10" was installed with (4) 3/4" diameter threaded rods. EOR, is this structurally acceptable?	BCD-CBH-019			
	3rd Floor				
4/29/21	Panel 118 has four connections detailed 11. The L4x4x3/8" is welded directly to the embedded plate. The detail calls for the angle to be bolted to a PL 3/8x6x6 and that plate welded to the embed with a 4" long 1/4" fillet. EOR, is this condition structurally acceptable?	BCD-CBH-019			
4/29/21	Panel 114 has two connections detailed 11 that have been modified similar to FM 11-1. Instead of using a L4x4x3/8x1'-7" a PL3/8x6x8" was used. EOR, is this condition structurally acceptable?	BCD-CBH-019			
	4th Floor				
4/29/21	Panel 114 has two connections detailed 09 that have been field modified similar to FM 10-4. A FM has not been provided for the condition of these two connections. EOR, is this structurally acceptable?	BCD-CBH-019			

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: April 16, 2021

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections of precast panels on April 13, 2021 for Community Bank Headquarters in Flowood, Mississippi. Details of this inspection were reported to Mr. Robert Clay before Legacy Inspection left the project site. See the attached report by Legacy Inspection for items that need clarification or correction.

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	BCD-CBH-018 Page 1 of 9	Flowood, MS	/ 170340-4
		Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On April 13, 2021 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Robert Clay, project Manager for Fountain Constrution. Only the roof level was ready for examination on the west side at this time. Connections of the lower levels on the west side are a work in progress at this time. Mr. Clay was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans, shop drawings and field modifications

Items Inspected:
1- Welded and bolted connections.

Findings:

Area - West Side Precast Panels (C-J)
Roof

1- ~~Panel 105-1 is cracked in two locations. One of the locations has been reinforced with L6x6 angle and 3/4x4" HD screw anchors. The other location is not~~ reinforced. It appears that this panel is in the process of repair. **Removing all 105 Panels.**

EOR 2- Panel 104-1 has been modified with FM 02-1. HD screw-in anchors were installed instead of epoxy threaded rods at these two connections.

3- ~~Panel 122-1, at connection point 22 the embedded angle was installed too high but not 4" high. The bottom leg of the angle was cut off and a new L6x6 angle with gussets was welded to the embedded angle all around. A field modification was not provided for this connection.~~ **FM 22A-3**

EOR 4- Panels 123-2, 124-2, 125-1 and 126-1 have modifications at the 07 and 02 connections. It does not appear that these connections needed a modification as the threaded rod is screwed into the PSA clip at an elevation that would have permitted the 3/4" diameter smooth rod and 6" PSA strap to be welded to the perimeter angle. Mr. Clay stated to the inspector that these plates were installed by the manufacturer prior to the panels arriving on site. These connections are similar to FM 02-1.

I know Field Modification 09-02, file name Master Fix C9-1 can be used to correct the Roof Top Panel Connection points Detail # 7. I also know the attached Field Modification 10-2, file name Master Fix C10-2 can be used to correct the Roof Top Panel Connection points Detail # 2. However, the Owners Third Party Inspector is requesting stamped field modifications for the Detail 2 and Detail 7 connection points.

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	4/16/21					ROBERT VANCE	4/17/21
Certification level: AWS CWI 15030031 ACCP UT Level II 197199		80	2	8	10	Client signature:	
Technician Signature							

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Phone: 601-503-4131
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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-018** Page **2** of **9**	**Flowood, MS**	**/ 170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **West Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS


1.


2.

Progress as of 4/13/2021.


3.


4.

Panel 105-1 is cracked in two locations. One of the locations has been reinforced with L6x6 angle and 3/4x4" HD screw anchors.

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Client: Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	Report # BCD-CBH-018	Job Location: Flowood, MS	Work Order / Project No: / 170340-4
	Page 3 of 9	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: West Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 105-1 has another location that is not reinforced.

Panel 104-1 has been modified with FM 02-1. HD screw-in anchors were installed instead of epoxy threaded rods at these two connections.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-018** Page **4** of **9**	**Flowood, MS**	**/ 170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **West Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 122-1, at connection point 22 the embedded angle was installed too high but not 4" high. The bottom leg of the angle was cut off and a new L6x6 angle with gussets was welded to the embedded angle all around. A field modification was not provided for this connection.

Panels 123-2, 124-2, 125-1 and 126-1 have modifications at the 07 and 02 connections. It does not appear that these connections needed a modification as the threaded rod is screwed into the PSA clip at an elevation that would have permitted the 3/4" diameter smooth rod and 6" PSA strap to be welded to the perimeter angle.

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	1st Floor				
2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015			
	2nd Floor				
2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015			
2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	3rd Floor				
2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015			
2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	4th Floor				
2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015			
	Roof				
2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015			
2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor				
✓	10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/2021	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
✓	10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
✓	10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
	10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013			
	10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013			
	2/22/21	Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		2nd Floor				
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013			
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	2/22/21	Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		3rd Floor				
	10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013			
	10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013			
✓	10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013	2/22/21	These connections have been corrected and now meet the requirements of the approved drawings.	BCD-CBH-016

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	South Side Precast Panels				
	3rd Floor				
2/22/21	Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016			
	4th Floor				
2/22/21	Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 207-2 is connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 209 at two locations is connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection.	BCD-CBH-016			
	Roof				
10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013			
2/22/21	Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect.	BCD-CBH-016			
2/22/21	Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	East Side Precast Panels				
	2nd Floor				
2/23/21	Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 3" from the edge of the slab. The PSA strap is overlaying the plate 2 1/4" and is welded on three sides. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109B and 109A have connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x5x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.3 and FM10.4 could have been used for this connection. EOR, are these connections structurally acceptable?	BCD-CBH-017			
2/23/21	Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate.	BCD-CBH-017			
	3rd Floor				
2/23/21	Panel 118-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections. EOR, are these connections structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112 has been field modified. A section of the slab has been cut off. A plate 1/2x6x12 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 7" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112-1 has been field modified. A section of the slab has been cut off and the PSA inserts are too high. A plate 3/8x5x10 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 3.5" from the edge. A 1/2x6x12 plate is installed vertically to connect to the PSA insert an an HD screw anchor is installed approximately 7" below the PSA insert. A 3/8x6x6 plate is welded to the vertical and horizontal plates. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
2/23/21	Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable?	BCD-CBH-017			
	4th Floor				
2/23/21	Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017			
2/23/21	Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017			

BURNS COOLEY DENNIS, INC.

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: March 3, 2021

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections of precast panels on February 23, 2021 for Community Bank Headquarters in Flowood, Mississippi. Details of this inspection were reported to Mr. Robert Clay before Legacy Inspection left the project site. See the attached report by Legacy Inspection for items that need clarification or correction.

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone: 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-017**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page 1 of 11	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			

Contact:	Area Inspected:	Reference Code:
Randy Ahlrich, Ph.D., P.E.	**East Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On February 23, 2021 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Robert Clay, project Manager for Fountain Constrution. Mr. Clay was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans, shop drawings and field modifications

Items Inspected:
1- Welded and bolted connections.

Findings:

Area - East Side Precast Panels (C-J)
1st Floor

~~1- Connection points detailed 11 and 18 meet the requirements of the approved drawings.~~

2nd Floor

~~1- Two 109 panels have been field modified at connection point 18 per FM 18-2. These connections meet the requirements of the approved drawings. (photo 2)~~

EOR 2- Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead. EOR, is this structurally acceptable? (photo 3)

EOR 3- Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 3" from the edge of the slab. The PSA strap is overlaying the plate 2 1/4" and is welded on three sides. A FM was not provided for this connection. EOR, is this structurally acceptable? (photo 4)

EOR 4- Panel 109B and 109A have connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x5x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.3 and FM10.4 could have been used for this connection. EOR, are these connections structurally acceptable? (photo 5)

5- Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate. These connections do not meet the requirements of the approved drawings. (photo 6) **To Be Corrected By FCC**

Comments	These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**3/2/21**					ROBERT VARNER	3/3/21
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**10**	**12**	Client signature:	
Technician Signature							

LEGACY INSPECTION LLC
1426 N Davis Rd
Bolton, MS 39041
Phone: 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-017** Page **2** of **11**	**Flowood, MS**	**/ 170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **East Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - East Side Precast Panels (C-J)

3rd Floor

EOR 1- Panel 118-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?

EOR 2- Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts. EOR, is this structurally acceptable? (photo 7-8)

EOR 3- Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections. EOR, are these connections structurally acceptable? (photo 9-10)

EOR 4- Panel 112 has been field modified. A section of the slab has been cut off. A plate 1/2x6x12 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 7" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable? (photo 11) **Note 2**

EOR 5- Panel 112-1 has been field modified. A section of the slab has been cut off and the PSA inserts are too high. A plate 3/8x5x10 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 3.5" from the edge. A 1/2x6x12 plate is installed vertically to connect to the PSA insert an an HD screw anchor is installed approximately 7" below the PSA insert. A 3/8x6x6 plate is welded to the vertical and horizontal plates. A FM was not provided for these connections. EOR, is this structurally acceptable? (photo 12) **Note 2**

EOR 6- Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable? (photo 13-14) **Note 2**

4th Floor

EOR 1- Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used. (photo 15) **JPI Installed Plate, EOR verify plate size**

EOR 2- Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used. (photo 16) **JPI Installed Plate, EOR verify plate size**

Roof

~~1- Roof panels are in the process of installation.~~

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**3/2/21**					Roger Vann	3/3/21
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**10**	**12**	Client signature:	
Technician Signature:							

Note 2 - Bust in Structural Steel Shop Drawings required the removal of 3" of the pour stop.

LEGACY INSPECTION LLC
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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-017**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page 3 of 11	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **East Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Progress as of 2-23-2021.

An example of FM18.2 on panels 109 that have been completed as detailed.

Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead.

Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8".

LEGACY INSPECTION LLC
1426 N Davis Rd
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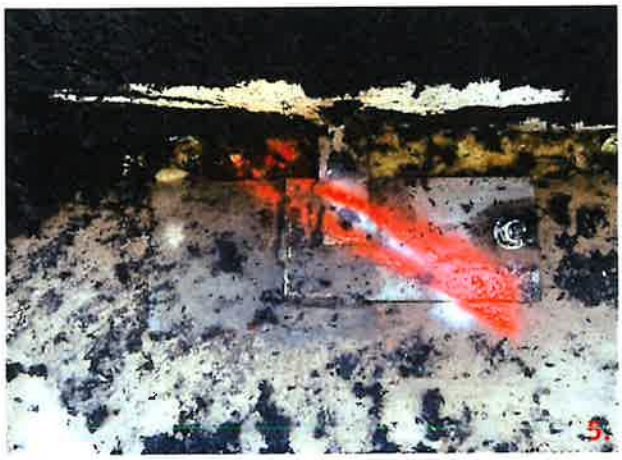
Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-017** Page **4** of **11**	**Flowood, MS**	/ **170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **East Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS



An example of connection points detailed 10 that have been field modified on panel 109B and 109A.

Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate.

Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-017**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page **5** of **11**	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **East Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections.

Panel 112 has been field modified at connection point detailed 10.

Panel 112-1 has been field modified at connection point detailed 10.

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Burns Cooley Dennis, Inc.	**BCD-CBH-017**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page 6 of 11	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
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INSPECTION REPORT

Community Bank Headquarters

PHOTOS


13.

14.

Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections.


15.

Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.


16.

Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	1st Floor				
2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015			
	2nd Floor				
2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015			
2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	3rd Floor				
2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015			
2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	4th Floor				
2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015			
	Roof				
2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015			
2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor				
✓	10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/2021	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
✓	10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
✓	10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
	10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013			
	10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013			
	2/22/21	Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		2nd Floor				
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013			
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	2/22/21	Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		3rd Floor				
	10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013			
	10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013			
✓	10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013	2/22/21	These connections have been corrected and now meet the requirements of the approved drawings.	BCD-CBH-016

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	South Side Precast Panels				
	3rd Floor				
2/22/21	Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016			
	4th Floor				
2/22/21	Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 207-2 is connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 209 at two locations is connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection.	BCD-CBH-016			
	Roof				
10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013			
2/22/21	Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect.	BCD-CBH-016			
2/22/21	Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
2/23/21	**East Side Precast Panels** **2nd Floor** Panel 109A has been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x6x3/8 plate instead. EOR, is this structurally acceptable? Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 3" from the edge of the slab. The PSA strap is overlaying the plate 2 1/4" and is welded on three sides. A FM was not provided for this connection. EOR, is this structurally acceptable? Panel 109B and 109A have connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x5x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.3 and FM10.4 could have been used for this connection. EOR, are these connections structurally acceptable? Panels 107-6 and 112 have connection points detailed 16 where PSA insets and embed plates that do not align. The plates are only welded on one side to the embed plate. **3rd Floor** Panel 118-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? Panel 118-2 connection point detailed 18 has been field modified. The HSS6x3x3/8 has been welded to a plate 3/8x4x11.5. The plate is welded to the embed plate of panel 117-1 with a 1/4" fillet weld 4" length on three sides. The 3/8x4x11.5 plate is bolted through panel 117-1 with two 3/4 threaded rods with a 3x4x3/8 plate backer along with washers and nuts. EOR, is this structurally acceptable? Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side. FM 10.4 and FM 10.3 could have been used for these connections. EOR, are these connections structurally acceptable? Panel 112 has been field modified. A section of the slab has been cut off. A plate 1/2x6x12 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 7" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable? Panel 112-1 has been field modified. A section of the slab has been cut off and the PSA inserts are too high. A plate 3/8x5x10 is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 3.5" from the edge. A 1/2x6x12 plate is installed vertically to connect to the PSA insert an an HD screw anchor is installed approximately 7" below the PSA insert. A 3/8x6x6 plate is welded to the vertical and horizontal plates. A FM was not provided for these connections. EOR, is this structurally acceptable? Panel 112-6 and 112-9 have been field modified. A section of the slab has been cut off. A L4x4x3/8 19" length is welded to the remainder of the embeds and a 5/8 anchor is installed in the slab approximately 16" from the edge. The PSA strap is welded to the 1/2x6x12 plate. A FM was not provided for these connections. EOR, is this structurally acceptable? **4th Floor** Panel 117-1 and 116-2 have two connection points detailed 10 that have been field modified using FM 10.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used. Panel 117-1 and 116-2 have two connection points detailed 9 that have been field modified using FM 9.2. The field modification requires a 3/4" thick vertical plate and a 1/2" thick plate was used.	BCD-CBH-017			

BURNS COOLEY DENNIS, INC.

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: March 3, 2021

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections of precast panels on February 22, 2021 for Community Bank Headquarters in Flowood, Mississippi. Details of this inspection were reported to Mr. Robert Clay before Legacy Inspection left the project site. See the attached report by Legacy Inspection for items that need clarification or correction.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-016**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page 1 of 10	Procedure Specification / Quality Requirements:	
Jackson, MS 39236		**AWS D1.1 2015 / AISC 14th Edition**	
Contact:	Area Inspected:	Reference Code:	
Randy Ahlrich, Ph.D., P.E.	**South Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On February 22, 2021 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Robert Clay, project Manager for Fountain Constrution. Mr. Clay was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans, shop drawings and field modifications

Items Inspected:
1- Welded and bolted connections.

Findings:

Area - South Side Precast Panels

1st Floor

EOR
1- Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 2)

EOR
2- Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 3)

~~3- Previously noted on report BCD-CBH-013 (1.c.), "Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap." This is not considered a discrepancy as these connections are not required and are only used for alignment purposes.~~

~~4- Previously noted on report BCD-CBH-013 (1.d.), "Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap." This is not considered a discrepancy as these connections are not required and are only used for alignment purposes.~~ (photo 4)

2nd Floor

EOR
1- Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 5) **Note 1**

In # 3 below
~~2- Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a~~ 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 6)

EOR
3- Previously noted on report BCD-CBH-013 (1.h.), "Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate." Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?

~~4- Previously noted on report BCD-CBH-013 (1.k.), "Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate" This angle has been installed per FM11.1 and now meets the requirements of the approved drawings.~~ (photo 6)

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**3/1/21**					Robert Vann	3/7/21
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**10**	**12**	Client signature:	
Technician Signature:		Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021					

Notes:
1. Installed per Detail 11, For Construction Drawings dated 02/17/20. File & Field Drawings dated 10/15/20 changed panel connection.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-016** Page **2** of **10**	**Flowood, MS**	/ **170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - South Side Precast Panels

3rd Floor

EOR 1- Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 7)

EOR 2- Panel 229-1 has been been modified with FM-11.1. This delail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 8)

3- Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings. (photo 9-10) **To Be Corrected.**

~~4- Previously noted on report BCD-CBH-013 (2.c.), "Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose." These connections have been corrected and now meet the requirements of the approved drawings.~~

4th Floor

EOR 1- Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 11)

EOR 2- Panel 207-2 is connected to the slab at two connections with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 4" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable? (photo 12)

EOR 3- Panel 129-2 is connected to the slab at two connections with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 4" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable? (photo 13)

EOR 4- Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection. (photo 14)

Roof

EOR 1- Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect. (photo 15)

EOR 2- Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable? (photo 16)

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**3/1/21**					Robert Vance	3/7/21
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**10**	**12**	Client signature:	
Technician Signature:		Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021					

LEGACY INSPECTION LLC
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Bolton, MS 39041
Phone: 601-503-4131
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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236	BCD-CBH-016 Page 3 of 10	Flowood, MS	/ 170340-4
		Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
Contact: Randy Ahlrich, Ph.D., P.E.	Area Inspected: South Side Precast Panels	Reference Code: AWS D1.1 2015 / AISC 14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Progress as of 2-22-2021.

Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate.

Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead.

Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-016** Page **4** of **10**	**Flowood, MS**	/ **170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate.

Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead.

Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel.

Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel.

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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-016** Page **5** of **10**	**Flowood, MS**	/ **170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

9.


10.

Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28.


11.

Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel.


12.

Panel 207-2 is connected to the slab at two connections with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 4" from the edge of the slab.

LEGACY INSPECTION LLC
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Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc. **PO Box 12828** **Jackson, MS 39236**	**BCD-CBH-016** Page **6** of **10**	**Flowood, MS**	/ **170340-4**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 129-2 is connected to the slab at two connections with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 4" from the edge of the slab.

Panel 229-1 has two connections detail 10 that have been field modified.

Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap.

Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection.

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	North Side Precast Panels				
	1st Floor				
2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015			
	2nd Floor				
2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3' 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015			
2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12'. This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	3rd Floor				
2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015			
2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		North Side Precast Panels				
		4th Floor				
	2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015			
		Roof				
	2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015			
	2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015			

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor				
✓	10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/2021	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
✓	10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
✓	10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013	2/22/21	This is not considered a discrepancy as these connections are not required and are nearly used for alignment purposes.	BCD-CBH-016
	10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013			
	10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013			
	2/22/21	Panel 248-1, 203A-3, 217-2, 245, 244, 245-1, 217-1, 203B-1 & 249-4 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-2 & 217-1 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		2nd Floor				
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013			
✓	10/7/20	Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016
	2/22/21	Panel 248-4, 203A-2, 217-4, 217-6, 222-2, 217-5, 217-3, 249-2 & 203B-2 connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
	2/22/21	Panel 217-4 & 217-3 have been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
		3rd Floor				
	10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
	10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013			
	10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013			
✓	10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013	2/22/21	These connections have been corrected and now meet the requirements of the approved drawings.	BCD-CBH-016

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	South Side Precast Panels				
	3rd Floor				
2/22/21	Panel 225-1, 226-1, 227-2, 228-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 103-1 & 129-1 are not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings.	BCD-CBH-016			
	4th Floor				
2/22/21	Panel 208, 209, connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 207-2 is connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 209 at two locations is connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			
2/22/21	Panel 229-1 has two connections detail 10 that have been field modified. The PSA slotted insert at one connection is 4" too high and 9" off center of the embed plate. The other PSA slotted insert is 5" too high and 4" off center of the embed plate. A FM was not provided for this connection.	BCD-CBH-016			
	Roof				
10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013			
2/22/21	Panel 104-2 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. This connection does not appear to need a spacer below in order to connect.	BCD-CBH-016			
2/22/21	Panel 130-1 has a connection point detailed 02 that has a HSS6x3x3/8 6"length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016			

BURNS COOLEY DENNIS, INC.

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: Robert Varner, P.E.

Date: March 3, 2021

Project No. 170340-4

Regarding: Precast Panel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections of precast panels on January 19, 2021 and February 22, 2021 for Community Bank Headquarters in Flowood, Mississippi. Details of this inspection were reported to Mr. Robert Clay before Legacy Inspection left the project site. See the attached report by Legacy Inspection for items that need clarification or correction.

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Phone: 601-503-4131
shannon@legacyinsp.com

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-015**	**Flowood, MS**	/ **170340-4**
PO Box 12828	Page 1 of 13	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **North Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On January 19, 2021 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Robert Clay, project Manager for Fountain Construtions. After an initial examination of the connections of precast panels installed on the north side it was apparent that several connections have been field modified. Unsigned field modifications were shared with the inspector by Mr Clay. After reviewing the drawings it was requested that the provided field modifications be reviewed, signed and stamped by a Registered Engineer. The signed drawings were provided on 1/31/21. A followup examination was performed on February 22, 2021. Mr. Clay was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans and shop drawings

Items Inspected:
1- Welded and bolted connections.

Findings:

Area - North Side Precast Panels
1st Floor

~~1- Panel 210-2 has a load bearing point that has been field modified per FM-18.3. This connection meets the requirements of the approved FM. (photo 2)~~

EOR 2- Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable? (photo 3)

EOR 3- Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 4)

~~4- Panel 212-1 has a load bearing point that has been field modified per FM-18.10. This connection meets the requirements of the approved FM. (photo 5)~~

5- Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM. (photo 6) **To Be Corrected**

~~6- Panel 215-1 has a load bearing point that has been field modified per FM-18.10. This connection meets the requirements of the approved FM. (photo 7)~~

~~7- Panel 211-2 has a load bearing point that has been field modified per FM-18.10. This connection meets the requirements of the approved FM. (photo 8)~~

~~8- Panel 216-1 has a load bearing point that has been field modified per FM-18.9. This connection meets the requirements of the approved FM. (photo 9)~~

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	2/25/21	80	2	10	12	Robert V. Clay	3/3/21

Certification level: AWS CWI 15030031
ACCP UT Level II 197199

Technician Signature:

Shannon R Fulgham
CWI 15030031
QC1 EXP. 3/1/2021

Client signature:

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LEGACY INSPECTION

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-015**	**Flowood, MS**	**/ 170340-4**
PO Box 12828	Page **2** of **13**	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **North Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - North Side Precast Panels

2nd Floor

EOR 1- Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable? (photo 10)

EOR 2- Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates. This does not meet the requirements of the approved drawings. (photo 11-12)

EOR 3- Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 13)

~~4- Panel 223-1 has a load bearing point that has been field modified per FM-18.2. This connection meets the requirements of the approved FM. (photo 14)~~

EOR 5- Panel 217B-1 and 203B-2 have been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable? (photo 15-16)

EOR 6- Panel 202-2 and 233-1 are connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable? (photo 17)

EOR 7- Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 18)

3rd Floor

~~1- Panel 225-2 is not connected to panel 219-1 as detailed on 16. This does not meet the requirements of the approved drawings. (photo 19)~~

EOR 2- Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable? (photo 20)

EOR 3- Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable? (photo 21)

EOR 4- Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable? (photo 22)

5- Panel 103-2 is not connected to the structural steel as detailed on 28. This does not meet the requirements of the approved drawings. (photo 23) **To Be Corrected**

EOR 6- Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable? (photo 24) **Note 1**

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	2/25/21	80	2	10	12	ROBERT VARNER	3/3/21

Certification level: AWS CWI 15030031
ACCP UT Level II 197199

Technician Signature:

Shannon R Fulgham
CWI 15030031
QC1 EXP. 3/1/2021

Client signature:

Notes:
1. Installed per Detail 11, For Construction Drawings dated 02/17/20. File & Field Drawings dated 10/15/20 changed panel connection.

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LEGACY INSPECTION

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Burns Cooley Dennis, Inc.	**BCD-CBH-015**	**Flowood, MS**	**/ 170340-4**
PO Box 12828	Page 3 of 13	Procedure Specification / Quality Requirements:	
Jackson, MS 39236		**AWS D1.1 2015 / AISC 14th Edition**	

Contact:	Area Inspected:	Reference Code:
Randy Ahlrich, Ph.D., P.E.	**North Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - North Side Precast Panels
4th Floor

EOR 1- Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable? (photo 25)

EOR 2- Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? (photo 26) **Installed per 02/17/21 drawings.**

EOR 3- Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates. (photo 27) **JPI installed 1/2" plate, EOR is this structurally acceptable?**

Roof

EOR 1- Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length. This does not meet the requirements of the approved drawings. (photo 28)

2- ~~Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5~~ plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable? (photo 29)

Corrected using FM 02-1 with HD screws.

Comments: These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date
Shannon Fulgham	**2/25/21**					ROBERT VALANCE	3/3/21
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**10**	**12**	Client signature:	

Technician Signature:

Shannon R Fulgham
CWI 15030031
QC1 EXP. 3/1/2021

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Randy Ahlrich, Ph.D., P.E.	**North Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Progress as of 1/19/2021.

FM-18.3 modification of Panel 210-2

Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel.

Panel 217-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structrual steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

FM-18.10 modification of Panel 212-1

One connection point of panel 214 was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.

FM-18.10 modification of panel 215-1.

FM-18.10 modification of panel 211-2.

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Randy Ahlrich, Ph.D., P.E.	**North Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

FM-18.9 modification of panel 216-1.

Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6" is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS.

Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 217B-3 at the east end, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead.

FM-18.2 modification of panel 223-1.

Panel 217B-1 and 203B-2 have been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead.

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 202-2 and 233-1 are connected to the slab with a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab.

Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate.

Panel 225-2 is not connected to panel 219-1 as detailed on 16.

Panel 228-1 is not connected to panel 223-1 as detailed on 16.

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel.

Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap.

Panel 103-2 is not connected to the structural steel as detailed on 28.

Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates.

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Burns Cooley Dennis, Inc.	**BCD-CBH-015**	**Flowood, MS**	/ **170340-4**
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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides).

Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel.

Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates.

Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 104-1 has two PSA inserts that are too high.

COMMUNITY BANK HEADQUARTERS - FLOWOOD, MS - DISCREPANCY LOG

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		North Side Precast Panels				
		1st Floor				
	2/22/21	Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 217A-3, has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM.	BCD-CBH-015			
		2nd Floor				
	2/22/21	Panel 217A-2 has a PSA insert that is installed too high. A HSS3x6X6' is welded to the embedded plate with a 3" 3/16 fillet each side. The PSA strap is welded to the HSS. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 215-1 has two connection points that have been field modified similar to FM-10.1. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM10.1 requires 3/4" plates.	BCD-CBH-015			
	2/22/21	Panel 217B-3 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 217B-1 has been been modified with FM-11.1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2"x6"x12". This plate is anchored to the slab with (2) 5/8" anchors. These anchors are approximately 5" from the edge of the slab. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panels 203B-2 & 249-3, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
		3rd Floor				
	2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
	2/22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. One 3/4 threaded rod has been epoxied in place into panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 229 is not connected as detailed on 28. The embedded plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this condition. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panels 235-2 & 236-2 have several connections that are not installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap. EOR, is this structurally acceptable?	BCD-CBH-015			
	2/22/21	Panel 103-2 is not connected to the structural steel as detailed on 28.	BCD-CBH-015			
	2/22/21	Several connections detailed 11 do not have the 3/8x6x6 plate with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plates. EOR, is this structurally acceptable?	BCD-CBH-015			

COMMUNITY BANK HEADQUARTERS - FLOWOOD, MS - DISCREPANCY LOG

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	4th Floor				
2/22/21	Panel 104 and 130 at connection points 03 have PSA straps that have a weld length of approximately 2" on each side and the end of the strap (three sides). Detail 03 requires 3" on two sides. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 208, 209, 237, 238 connection points detailed 21 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable?	BCD-CBH-015			
2/22/21	Panel 207-2 & 235-2 have connection points that has been field modified similar to FM-9.2. A 6" PSA strap was used at this connection instead of a 3/8x3x5 plate. The plates attached to the panel are 1/2" thick. FM9.2 requires 3/4" plates	BCD-CBH-015			
	Roof				
2/22/21	Panel 130-2, 230-1 and 231-2 have a load bearing point that has been field modified using FM-01.2. A HSS4x4x3/8 6" length was used instead of a HSS6x3x3/8 3.5" length.	BCD-CBH-015			
2/22/21	Panel 104-1 has two PSA inserts that are too high. A field modification was not provided for this condition. A 1/2x6x10 plate is bolted in the PSA insert. A 1/2x6x5 plate is welded to the bent plate on two sides and a L4x4x3/8 is welded to each plate. EOR, is this structurally acceptable?	BCD-CBH-015			

BURNS COOLEY DENNIS, INC.

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Memorandum

To: Community Bank Headquarters
140 East Metro Drive
Flowood, Mississippi 39232

Attn: Jim White

From: for Robert Varner, P.E. RC Allred

Date: October 9, 2020

Project No. 170340-1

Regarding: Structural Steel Inspections
Community Bank Headquarters
Flowood, Mississippi

This memo is submitted to document visual inspections and ultrasonic testing of structural steel on October 7, 2020 for Community Bank Headquarters in Flowood, Mississippi. The following items were inspected on this date: welded and bolted connections and previously noted discrepancies.

Area – South Side Precast Panels

1- Welded Connections

a. Several welded connections of the precast panels have not been cleaned of welding slag. This condition does not allow for proper examination of welded connections. The slag should be removed from these connections and future welded connections.

b. Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet the requirements of the approved drawings (Photograph 2).

c. Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the

approved drawings. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 3)?

d. Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 4)?

e. On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. **Engineer of Record should determine if this condition structurally acceptable** (Photographs 5 and 6)?

f. Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 7)?

g. Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 8)?

h. Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet the requirements of the approved drawings (Photograph 9).

i. Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 10)?

j. Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side. These connections do not meet the requirements of the approved drawings (Photograph 11).

k. Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet the requirements of the approved drawings (Photograph 12).

l. L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 13)?

m. The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to

both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return. This connection does not meet the requirements of the approved drawings (Photograph 14).

n. One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4". This connection does not meet the requirements of the approved drawings (Photograph 15).

o. Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. **Engineer of Record should determine if this condition structurally acceptable** (Photograph 16)?

2- Bolt Connections

a. Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection. This does not meet the requirements of field modification FM18-3 (Photograph 17).

c. Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose. This does not meet the requirements of the approved drawings (Photographs 19).

NOTE: A list of discrepancies is attached.

Details of this inspection were reported to Mr. Robert Clay before Legacy Inspection left the project site. Please see the attached Legacy Inspection visual inspection report for further details and photographs of areas inspected during this visit.

LEGACY INSPECTION LLC
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Bolton, MS 39041
Phone: 601-503-4131
s.fulgham@legacyinspection.org

Client:	Report #	Job Location:	Work Order / Project No:
Burns Cooley Dennis, Inc.	**BCD-CBH-013**	**Flowood, MS**	**/ 170340-1**
PO Box 12828	Page of	Procedure Specification / Quality Requirements:	
Jackson, MS 39236	**1 10**	**AWS D1.1 2015 / AISC 14th Edition**	
Contact:	Area Inspected:	Reference Code:	
Randy Ahlrich, Ph.D., P.E.	**South Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

On October 7, 2020 I, Shannon Fulgham, reported to the Community Bank Headquarters project in Flowood, MS to perform visual inspection. I met with Mr. Robert Clay, project manager for Fountain Constrution. Mr. Clay was informed of all the findings before leaving the site.

Documents Reviewed:
Structural plans and shop drawings

Items Inspected:
1- Welded and bolted connections.

2- Unless noted in this report, previously noted discrepancies have not been corrected at this time.

Findings:

Area - South Side Precast Panels
1- Welded connections

a. ~~Several welded connections of the precast panels have not been cleaned of welding slag. This condition does not allow for proper examination of welded~~ connections. The slag should be removed from these connections and future welded connections.

b. ~~Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet~~ the requirements of the approved drawings. (photo 2)

c. ~~Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the~~ approved drawings. EOR, is this structurally acceptable? (photo 3)

d. ~~Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR, is this structurally acceptable? (photo 4)~~

EOR e. On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR, is this structurally acceptable? (photo 5-6)

EOR f. Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR, is this structurally acceptable? (photo 7)

EOR g. Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR, is this structurally acceptable? (photo 8)

h. ~~Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet the requirements of the approved drawings. (photo 9)~~

EOR i. Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR, is this structurally acceptable? (photo 10)

EOR j. Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side. These connections do not meet the requirements of the approved drawings. (photo 11) **Detail 16, Is this Detail Required at this location?**

Comments:	These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability

Technician (Print):	Date:	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date:
Shannon Fulgham	**10/9/20**					RC Ahlrich	10/12/2020
Certification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**8**	**10**	Client signature: RC Ahlrich	
Technician Signature:	Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021						

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PO Box 12828	Page **2** of **10**	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Jackson, MS 39236			
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

INSPECTION NARRATIVE

Findings:

Area - South Side Precast Panels

1- Welded connections

~~k. Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate. This connection does not meet the requirements of the approved drawings. (photo 12)~~

EOR l. L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR, is this structurally acceptable? (photo 13)

~~m. The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return. This connection does not meet the requirements of the approved drawings. (photo 14)~~

~~n. One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4". This connection does not meet the requirements of the approved drawings.~~ (photo 15)

EOR o. Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR, is this structurally acceptable? (photo 16)

2- Bolted connections

EOR a. Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection. This does not meet the requirements of field modification FM18-3. (photo 17)

~~b. Panel 246 at grid line 5 has one HSS6x3x3/8 and p7 plate bolted through the panel edge. This connection meets the requirements of the approved field~~ modification FM18-3. (photo 18)

c. Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose. This does not meet the requirements of the approved drawings. (photo 19)

Comments: **These test results report our findings at the time of inspection and shall be reviewed by the client for compliance to the project requirements. Due to the limitations of nondestructive testing in evaluating all of the factors that determine the overall component quality, no guarantee is made or liability assumed by Legacy Inspection LLC. for the component quality or serviceability**

Technician (Print):	Date	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print):	Date
Shannon Fulgham	**10/9/20**						
Cerlification level: **AWS CWI 15030031** **ACCP UT Level II 197199**		**80**	**2**	**8**	**10**	Client signature:	
Technician Signature:	Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021						

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PO Box 12828	Page 3 of 10	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
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Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

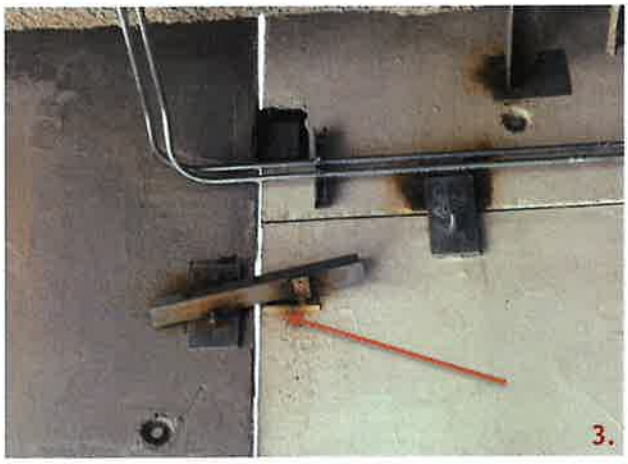
INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Progress as of 10/7/2020.

Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.



Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap.

Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap.

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Client: **Burns Cooley Dennis, Inc.** **PO Box 12828** **Jackson, MS 39236**	Report # **BCD-CBH-013** Page **4** of **10**	Job Location: **Flowood, MS**	Work Order / Project No: / **170340-1**
		Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
Contact: **Randy Ahlrich, Ph.D., P.E.**	Area Inspected: **South Side Precast Panels**	Reference Code: **AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels.

Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap.

Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed.

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INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.

Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations.

Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.

Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.

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PO Box 12828	Page **6** of **10**	Procedure Specification / Quality Requirements: **AWS D1.1 2015 / AISC 14th Edition**	
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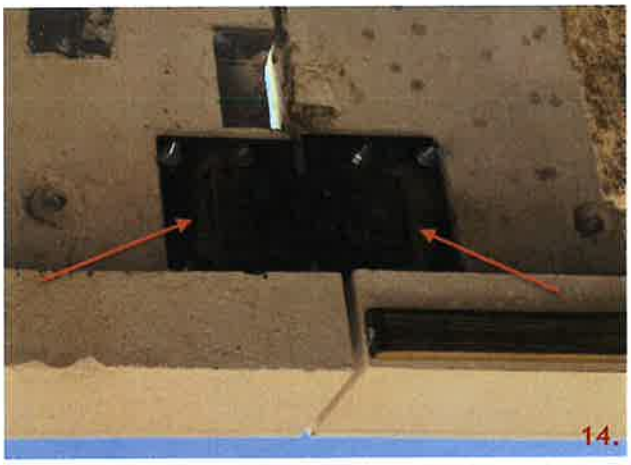
INSPECTION REPORT

Community Bank Headquarters

PHOTOS

L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations.



The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-7 was used at this location. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.

One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".

Near grid line 3 at elevation 66'-4" on panel 232 the HSS installed at this location is not the size noted on the field modification.

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PO Box 12828	Page 7 of 10	Procedure Specification / Quality Requirements:	
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Randy Ahlrich, Ph.D., P.E.	**South Side Precast Panels**	**AWS D1.1 2015 / AISC 14th Edition / IBC 2012**	

INSPECTION REPORT

Community Bank Headquarters

PHOTOS

Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.

Panel 246 at grid line 5 has one HSS6x3x3/8 and p7 plate bolted through the panel edge. This connection meets the requirements of the approved field modification FM18-3.

Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		Second Floor Framing				
	4/3/20	At grid line F/1, the anchor bolts are miss-aligned approximately 8" of center. This connection can not be completed as detailed.	BCD-CBH-001			
✓	4/3/20	At grid lines G/8 and F/8 the anchor bolts are miss-aligned. The baseplate holes have been elongated with a fire torch to allow the anchor bolts to penetrate the base plate. The washers of these connections have also been cut down from the prescribed size. The base plate holes can bee seen beyond the washers and nuts.	BCD-CBH-001	4/10/20	Additional 3 1/2" x 3 1/2" x 1/2" thick plate washers were installed and welded in place with a 3/16" fillet on three sides as directed by SDG.	BCD-CBH-002
✓	4/3/20	A few connections of the braced frames were not complete at the time of inspection. The bottom side of the lower leg of the braced frames closest to the base plates are not complete.	BCD-CBH-001	4/10/20	These connections have been completed and meet the requirements of AWS D1.1 visual acceptance criteria and the approved drawings.	BCD-CBH-002
✓	4/3/20	Complete joint penetration moment connections of the second floor framing were not complete at the time of inspection.	BCD-CBH-001	4/14/20	These connections have been completed and ultrasonically tested.	BCD-CBH-003
✓	4/10/20	Bolted connections of the kick outs at grid lines F/8, D/8 , F/1 and H/1 are not tight. The tips of these bolts have not been snapped off and the nut is loose.	BCD-CBH-002	4/15/20	These connections have been tightened to their final tension with a LeJune wrench.	BCD-CBH-004
✓	4/10/20	Puddle welds where nelson studs are not installed are undersized between grid line 1-5/C-L and 5-7/J-L. These puddle welds are approximately 5/8" in diameter.	BCD-CBH-002	4/15/20	Puddle welds of the second floor framing are now 3/4" in size.	BCD-CBH-004
✓	4/14/20	Several of the side closure strips are not welded to the supporting members with a 5/8" puddle weld at 24" o.c.	BCD-CBH-003	4/15/20	The side closure strips from grid line G to A are installed as detailed on the approved drawings and the puddle welds meet the requirements of AWS D1.3 visual acceptance criteria.	BCD-CBH-004
✓	4/15/20	Side closure strips from grid line G to L are considered a work in progress.	BCD-CBH-004	4/20/20	The side closure strips from grid line G to L are installed as detailed	BCD-CBH-005
✓	4/14/20	Four areas along grid lines C and J were lacking the appropriate number of nelson studs.	BCD-CBH-003	4/15/20	These studs were welded in place using a SMAW welding process. The studs were ping tested and passed this test.	BCD-CBH-004
✓	4/14/20	At the four corners of the building, nelson studs are not welded to the "B1" beams.	BCD-CBH-003	4/15/20	Studs for the B1 beams between grid line A and C have been installed using a SMAW welding process. Theses studs were ping tested and passed this test.	BCD-CBH-004
✓	4/15/20	Studs for the B1 beams between grid line J and L are in the process of installation.	BCD-CBH-004	4/20/20	Studs for the B1 beams between grid line J and L have been installed using a SMAW welding process. Theses studs were ping tested and passed this test.	BCD-CBH-005
✓	4/14/20	Five studs broke off during ping test.	BCD-CBH-003	4/15/20	These studs were replaced with new studs and welded in place using a SMAW welding process. The studs were ping tested and passed this test.	BCD-CBH-004
		Third Floor Framing				
	4/29/20	Several bolted connections at the cantilevered moment connections have not been tightened to their final tension.	BCD-CBH-006			
✓	4/29/20	Near braced frame #2, the W10x12 beam is not bolted to the shear tab. The tab appears to have been installed by the fabricator at the wrong location.	BCD-CBH-006	5/13/20	Determined to be structurally acceptable by SDG.	Email
✓	4/29/20	Several welded connections of the braced frames below the third floor framing are not complete.	BCD-CBH-006	5/4/20	These brace frame connections have since been completed.	BCD-CBH-008
✓	5/1/20	Perimeter bent plates at corners and cantilevered moment connection locations are not installed at this time.	BCD-CBH-007	5/4/20	These plates have since been installed.	BCD-CBH-008
✓	5/1/20	Side closure strips along grid line L are not welded to the supporting members with a 5/8" puddle weld at 24" o.c.	BCD-CBH-007	5/4/20	This area has since been completed.	BCD-CBH-008
✓	5/1/20	Decking is not welded to the W14x22 beams near grid line 1.	BCD-CBH-007	5/4/20	This area has since been completed.	BCD-CBH-008
✓	5/1/20	Decking is only partially welded to the W14x22 beams near grid line 8.	BCD-CBH-007	5/4/20	This area has since been completed.	BCD-CBH-008
✓	5/1/20	At areas where the decking ends meet, the nelson studs are installed in the seam of the two sheets. Additional puddle welds are required as the stud is not sufficient for attachment of both sheets.	BCD-CBH-007	5/4/20	Additional 3/4" puddle welds have been made at each decking sheet.	BCD-CBH-008
✓	5/1/20	A large majority of puddle welds where studs are not installed are undersized.	BCD-CBH-007	5/4/20	Additional 3/4" puddle welds have been made at each low flute where nelson studs are not installed.	BCD-CBH-008
✓	5/1/20	Near grid line B/2, nelson studs are not welded to the "B1" beams.	BCD-CBH-007	5/4/20	These studs were welded in place using a SMAW welding process.	BCD-CBH-008
✓	5/1/20	Six studs broke off during ping test. The stud locations were marked with orange paint for easy identification on site. (photo)	BCD-CBH-007	5/4/20	These studs were replaced with new studs and welded in place using a SMAW welding process.	BCD-CBH-008
✓	5/1/20	Near grid line I/5 the W12x14 beam does not have the required eight (8) nelson studs and the B1 beam does not have studs installed at 12" o.c.	BCD-CBH-007	5/4/20	These studs were welded in place using a SMAW welding process.	BCD-CBH-008

COMMUNITY BANK HEADQUARTERS - FLOWOOD, MS - DISCREPANCY LOG

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		Fourth Floor Framing				
✓	5/21/20	At grid line F/8 of the fourth floor framing the bolted connection is welded on three sides with a 3/16 fillet weld on each clip due to misalignment of the bolt holes in the column.	BCD-CBH-009	6/2/2020	Approved as connected by SDG	Email 6/2/2020
✓	5/21/20	Column splice connections at grid lines E/5 and C/4 did not pass ultrasonic testing acceptance criteria.	BCD-CBH-009	6/11/20	Repaired and retested ultrasonically	BCD-CBH-010
✓	6/11/20	At grid line J/8 the web of the partial penetration column splice is not welded.	BCD-CBH-010	9/18/20	This connection has been completed.	BCD-CBH-012
		Roof Framing				
✓	9/3/20	Braced frame #1 has one connection that is not complete at the top section.	BCD-CBH-011	9/18/20	This connection has been completed.	BCD-CBH-012
	9/3/20	Complete joint penetration moment connections between J and L are not complete at this time.	BCD-CBH-011			
✓	9/3/20	Several CJP connections between grid lines A and C did not pass the ultrasonic acceptance criteria.	BCD-CBH-011	9/18/20	These connections have since been repaired and completed as needed.	BCD-CBH-012
	9/3/20	Roof hatch opening framing connections are not complete. The shear plates are only tach welded in place and several bolts are not installed.	BCD-CBH-011			
	9/18/20	Two (2) originally installed beams under the perimeter bent plate along grid line 3 between J and L have connections that are not complete. The top flange of these connections are not welded. EOR, is this condition structurally expectable since additional beams have been installed along this grid line?	BCD-CBH-012			
		Stairs				
✓	5/4/20	Stairs near grid line H from the first to the second floor are installed but only tach welded in place.	BCD-CBH-008	5/21/20	These connections have been completed.	BCD-CBH-009
✓	9/3/20	Stair #1 does not have anchors installed into the slab at the base of the first riser.	BCD-CBH-011	9/18/20	These connections have been completed.	BCD-CBH-012
✓	9/3/20	Stair #2 does not have anchors installed into the slab at the base of the first riser.	BCD-CBH-011	9/18/20	These connections have been completed.	BCD-CBH-012
	9/3/20	Stair #3 does not have anchors installed into the slab at the base of the first riser.	BCD-CBH-011			
✓	9/3/20	Several locations of stair #1 have a gap between the risers at the platform that will need to be blocked off before concrete is poured.	BCD-CBH-011	9/18/20	These connections have been completed.	BCD-CBH-012
	9/3/20	The top riser of stair #3 was not fabricated as detailed on detail 5/S-304. The riser is attached to the perimeter bent plate and not the supporting beam.	BCD-CBH-011			

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
	South Side Precast Panels				
10/7/20	Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013			
10/7/20	Panel 211B has a plate anchored to the panel and an angle welded to the plate and the 6" PSA strap. This connection is not connected as detailed on the approved drawings. EOR	BCD-CBH-013			
10/7/20	Panel 243 near grid line 4 at elevation 16'-0" has an angle welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
10/7/20	On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels. EOR	BCD-CBH-013			
10/7/20	Panel 242 between grid lines 5 and 6 at elevation 16'-0" has two connections with angles welded to the plate and the 6" PSA strap. EOR	BCD-CBH-013			
10/7/20	Panel connections of 210 and 219 at elevation 22'-0" at grid line 7 are skewed. The connections have 6" of 1/4" fillet weld on the plate but not in the detailed locations. EOR	BCD-CBH-013			
10/7/20	Panel 217 at elevation 34'-0" at grid line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013			
10/7/20	Both panels 217 at elevation 34'-0" near grid line 5 and 6 have L4x4x3/8 that are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
10/7/20	Panel connections of 247 and 223 at elevation 34'-0" at grid line 4 are not aligned with the embed plate. The plates are only welded on one side.	BCD-CBH-013			
10/7/20	Panel 217 at elevation 34'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.	BCD-CBH-013			
10/7/20	L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations. EOR	BCD-CBH-013			
10/7/20	The P7 plate is missing from panel 228 at grid line 3 at elevation 49'-4". Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The 3/4x8"x1'-4" plate to both 1/2"x12"x1'-4" plates is not welded as detailed. The welds of the connection are on the vertical leg of the 3/4x8"x1'-4" plate and do not have a 1" return.	BCD-CBH-013			
10/7/20	One L4x4x3/8 angles is not installed on panel 229 at grid line 2 at elevation 49'-4".	BCD-CBH-013			
10/7/20	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be installed as detail 07. The (P5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FM07-1. The HSS installed at this location is not the size noted on the field modification. The installed material is HSS4x4x3/8" and is welded as detail 27. EOR	BCD-CBH-013			
10/7/20	Panel 247 at grid line 4 has two HSS6x3x3/8 and p7 plate bolted through the panel edge. The lower connection at approximately elevation of 6" only has two (2) 3/4 threaded rods at this connection.	BCD-CBH-013			
10/7/20	Connection of panel 223 and 228 at elevation 44'-0" at grid line 4 has a 3/4 threaded rod nut that is loose.	BCD-CBH-013			

From: White, Jim <Jim.White@communitybank.net>
Sent: Thursday, March 17, 2022 12:41 PM
To: Jeff Barnes <JeffBarnes@dalepartners.com>
Subject: Fwd: EXTERNAL Community Bank Headquarters-Jobsite Inspection-February 3, 2022.

Sent from my iPhone

Jim White | Facilities/Construction Manager

P 251-463-2786 | **M** 251-463-2786

Community Bank | 206 North Geeno Road • Fairhope, AL • 36532

Jim.White@communitybank.net

Begin forwarded message:

> **From:** earl.shimp@gmail.com
> **Date:** February 15, 2022 at 9:39:39 PM CST
> **To:** "White, Jim" <Jim.White@communitybank.net>, "Hughes, David" <David.Hughes@communitybank.net>
> **Subject: EXTERNAL Community Bank Headquarters-Jobsite Inspection-February 3, 2022.**

The purpose of this email is to provide you with my observations and opinions concerning the current quality, appearance, and overall visual acceptability of the architectural precast panels at the above referenced project. This report reflects the observations made during the site visit which I conducted on February 3, 2022 at the request of Community Bank. This report should be considered as a final review of the precast and provides my opinion of how the entire exterior precast compares in appearance to the North Wall elevation that has previously been established as the benchmark for visual acceptance.

Within this report, I will be addressing the quality and appearance of all the exterior faces of the precast panels, the quality of the patching that has been performed, and my opinion regarding if an acceptable level of quality and appearance has been accomplished. In developing my opinion, I have based my thinking on many factors, including but not limited to the following:

- Reviewing my previous site visit reports and photographs.
- My visual observations and inspections conducted on Thursday, February 3, 2022.
- The weather was cloudy. It was not raining during the inspection. It had been raining the previous day and during the evening. It was cool and damp and somewhat windy. The precast was wet/damp and was drying somewhat in certain areas where the wind was directly hitting the precast (windward sides of the building).
- The project specifications for this project, Section 034500 – Precast Architectural Concrete, pages 1-20 of 20.
- PCI Manual 117
- My understanding of generally accepted industry standards for architectural precast panels such as those on this project, as well as the proper methods of patching, tuck pointing, brick replacement, and repairing architectural precast panels.
- Previous limited written communications between the Architect (Dale Partners) and Community Bank, Fountain Construction Company, Inc., and Jackson Precast Inc.
- My verbal discussions with Jim White of Community Bank as well as discussions on site with representatives of Fountain Construction Company, Inc. and Dale Partners.
- The appearance of the North Elevation precast panels.
- My entire career in the general contracting and precast concrete industry.

A. **OBSERVATIONS**

The precast panels at all sides of the building as well as at the drive-through looked very nice. The quality of the remedial work is excellent and is visually appealing.

1. The brick that previously were not flush, were tilted, recessed, protruding, and cocked at angles have now been removed and replaced and have reached a visually acceptable condition.
2. The brick returns on the panels appear to be square and plumb and within an acceptable tolerance. The “zippered effect” has been greatly reduced and is acceptable.
3. The mortar joints appear to be properly consolidated.
4. The mortar joints are uniform in color and do not show visible aggregates.
5. The brick and the grout joints have been cleaned well and are acceptable.
6. The white sandblasted panels have reached a level of visual acceptability. The finish is highly improved in color and texture. All of the issues previously reported as unacceptable have been addressed and are in my opinion acceptable.
7. In summary, all of the brick inlayed panels, the returns, and the white sandblasted finishes are within the level of visual acceptability. The exterior is very pleasing in appearance.

B. **RECOMMENDATIONS**

1. All in all, the exterior precast is within the range of visual acceptability.
2. Inside the Board Room, 4th Floor, looking out the west window, there are 3 areas in the sill portion of the white precast that need to be repaired/patched. These areas were pointed out to Mr. Jim White and to Mr. Robert Clay.
3. During my visit, it was brought to my attention by both Mr. Robert Clay and Mr. Jim White that there are a couple of very minor areas currently being touched-up and some minor color blending being performed by Artcrete. These were very small and would be completed within a very short period of time. I did not actually go and look at exactly what was being done, but considering the general appearance of the entire facility, I do not expect these items to be of significance.
4. The building exterior, in my opinion, is beautiful.

After visiting the jobsite, I met with several key employees of the Community Bank. During this visit, I detailed my observations as outlined above and provided my opinion that the exterior visual appearance of the architectural precast panels is acceptable and a very nice looking facility, one the Bank should be very proud of. The appearance of the exterior precast should be accepted.

Also, during our meeting, I highly commended the work ethic, the professionalism, and the "get it done" attitude of Fountain Construction Co. Over the span of my career, I have had the privilege of working with many general contractors, both large and small, and on projects ranging from several hundred thousand dollars up to hundreds of millions of dollars. At no time have I ever seen a general contractor display a better team effort and a desire to "get the job done" in the midst of a serious problem. The effort required to get the precast appearance up to an acceptable level was a huge undertaking, and Fountain Construction Co. performed this task admirably.

Thank you again for this opportunity to be of service. Should you have any questions or comments concerning this report, please do not hesitate to contact me.

Earl Shimp
904-631-9935
earl.shimp@gmail.com

{EXTERNAL}

FOUNTAIN CONSTRUCTION
COMPANY, INC.
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March 9, 2022

Mr. Paul Purser
Dale Partners Architects

Re: Community Bank Headquarters precast remediation work

Dear Paul,

This letter is to certify that Fountain Construction Co., Inc. has completed the remedial work on the precast for the project.

The cosmetic repairs were made in accordance with industry standards by Art Crete & Restorations, Inc. This company was recommended by Mr. Earl Shimp, the owners third party consultant hired to help deal with the problem.

The structural repairs were completed by the precast erectors and Fountain employees as designed by the precast designer / engineer.

Sincerely
Fountain Construction Co., Inc.

Brad Fountain