

T. Doug Dale, AIA

Jeffrey R. Barnes, AIA

Jason M. Agostinelli, AIA

In memory of Michael A. Barranco, AIA

1962-2011

Leigh G. Jaunsen, AIA, LEED AP

Russ S. Blount, AIA, LEED AP

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

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

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dalepartners.com

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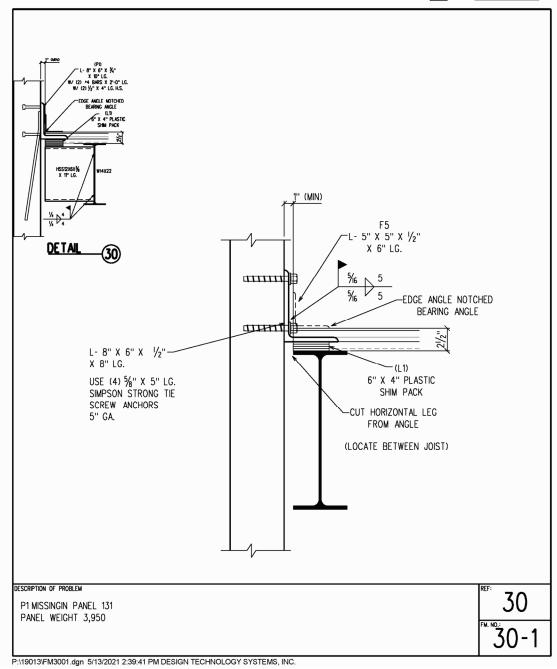
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COMMUNITY BANK HDQTRS.

FLOWOOD, MISSISSIPPI

JPC JOB*: <u>J197</u> DTS JOB*: <u>19013</u> 5/13/21 DATE:_

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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



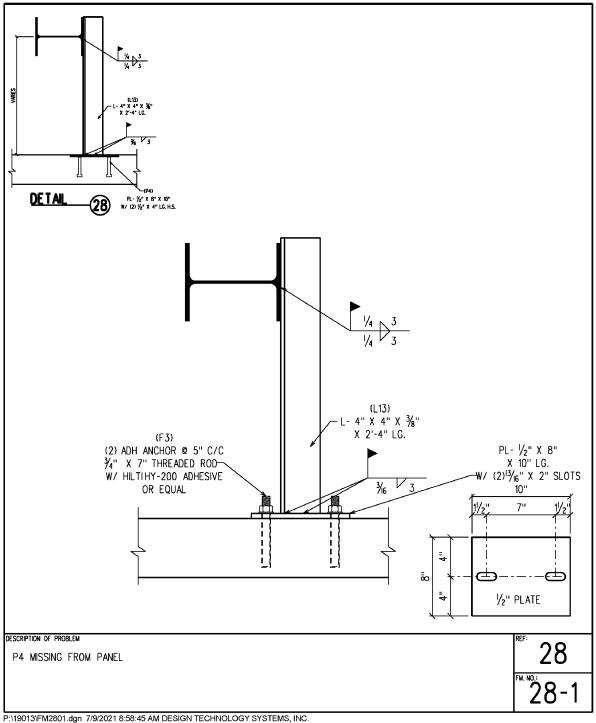
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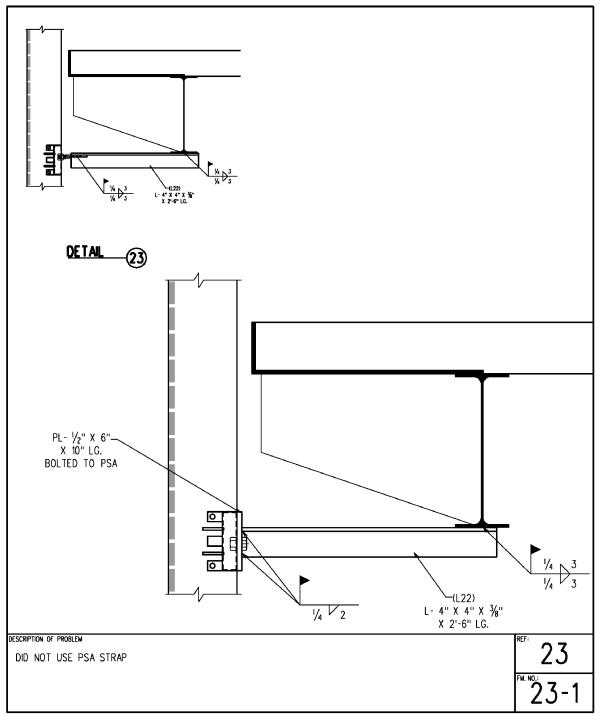
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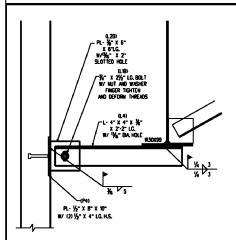
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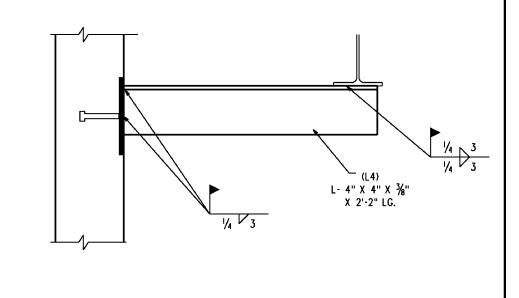
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DETAIL



DESCRIPTION OF PROBLEM

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

21

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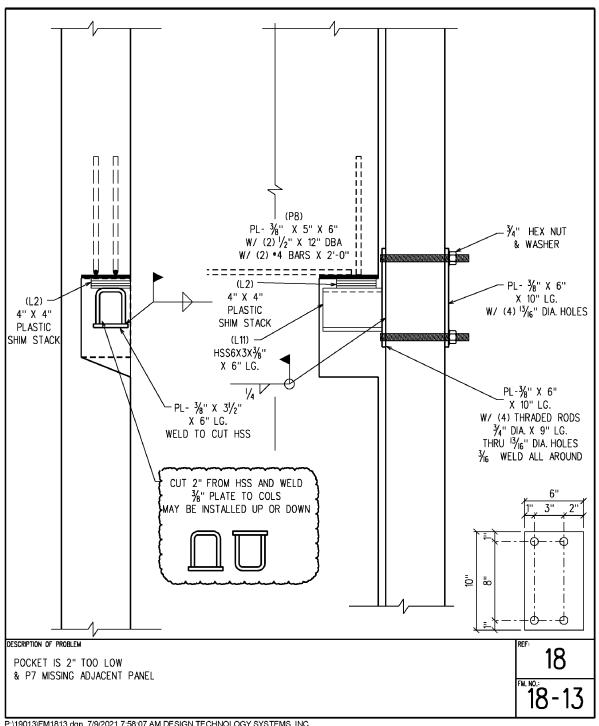
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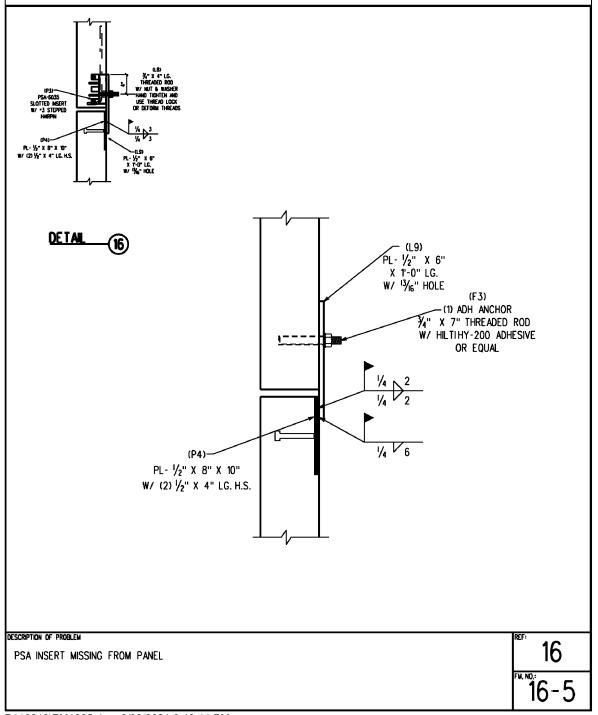
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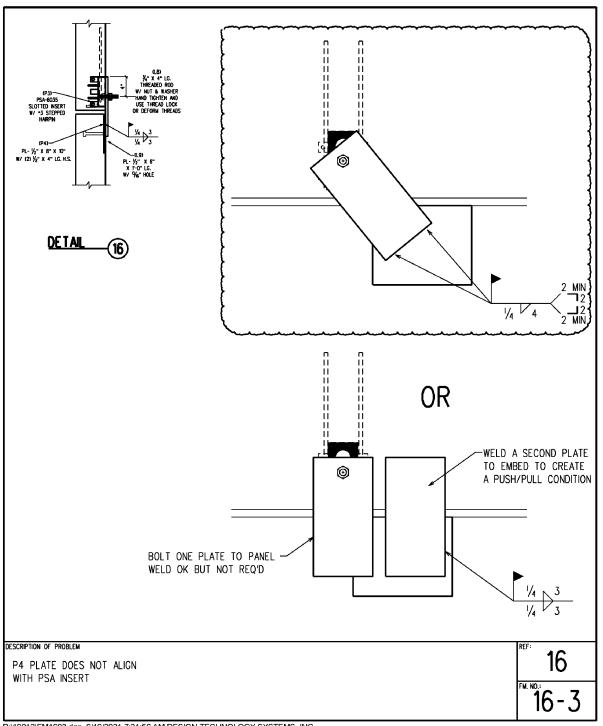
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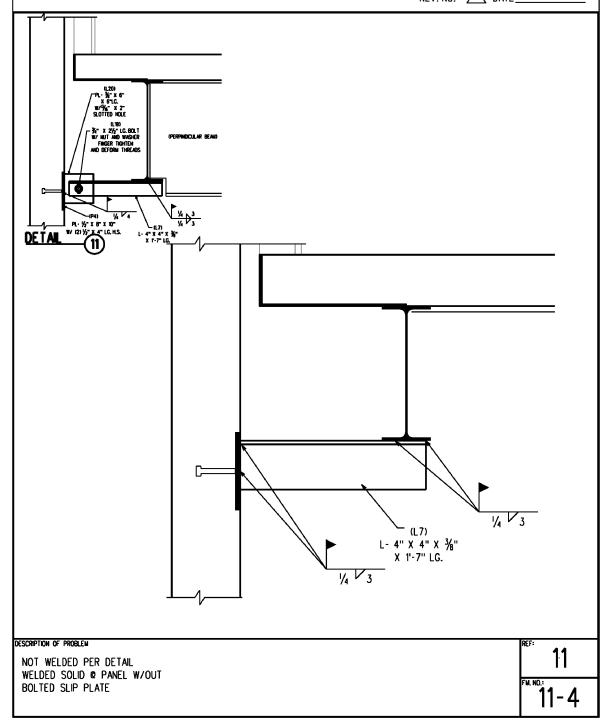
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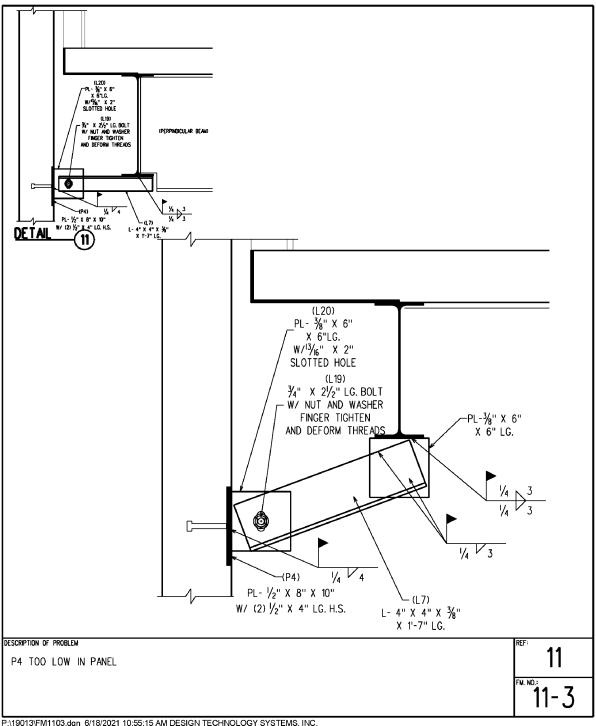
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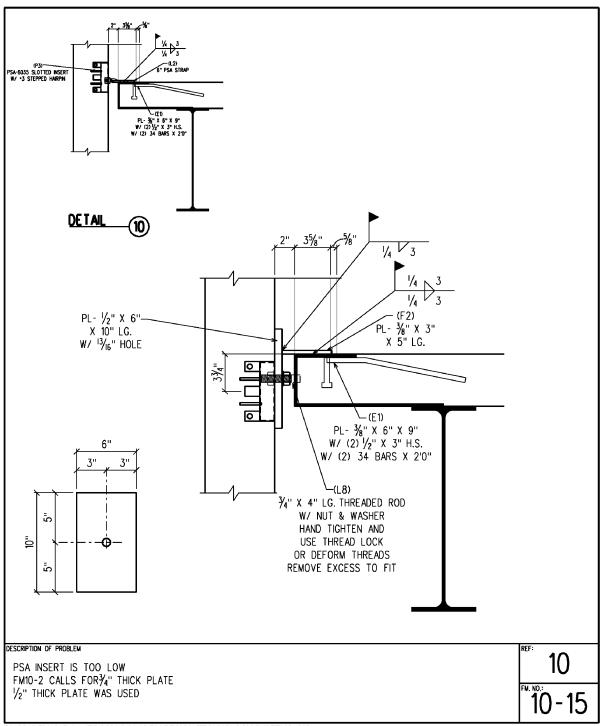
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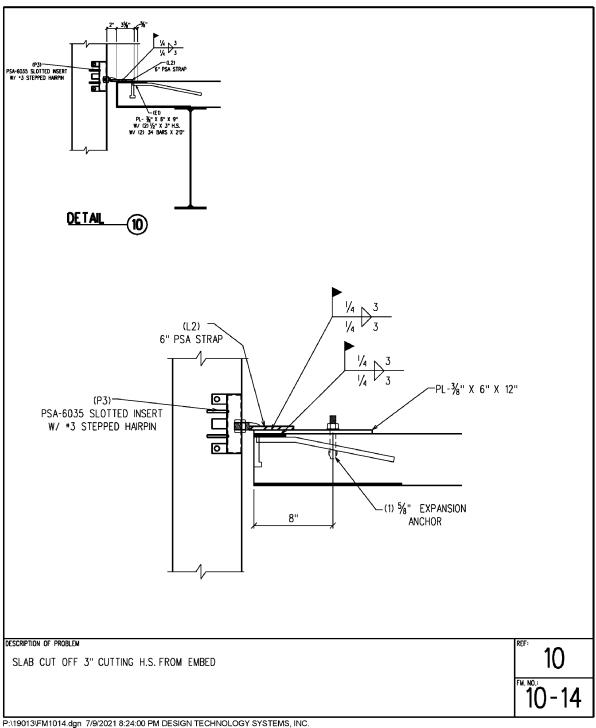
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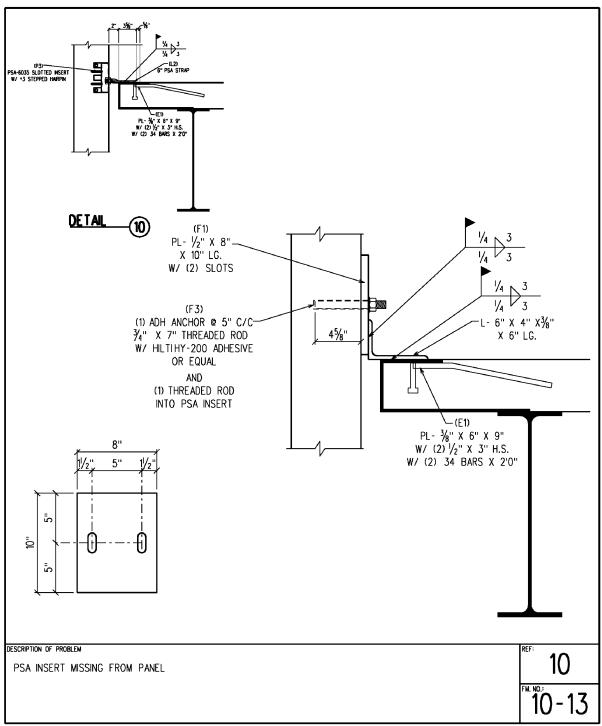


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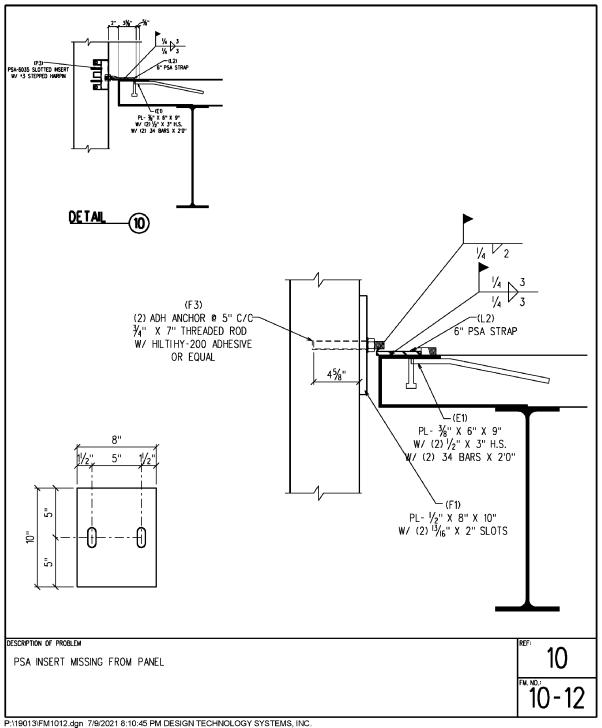
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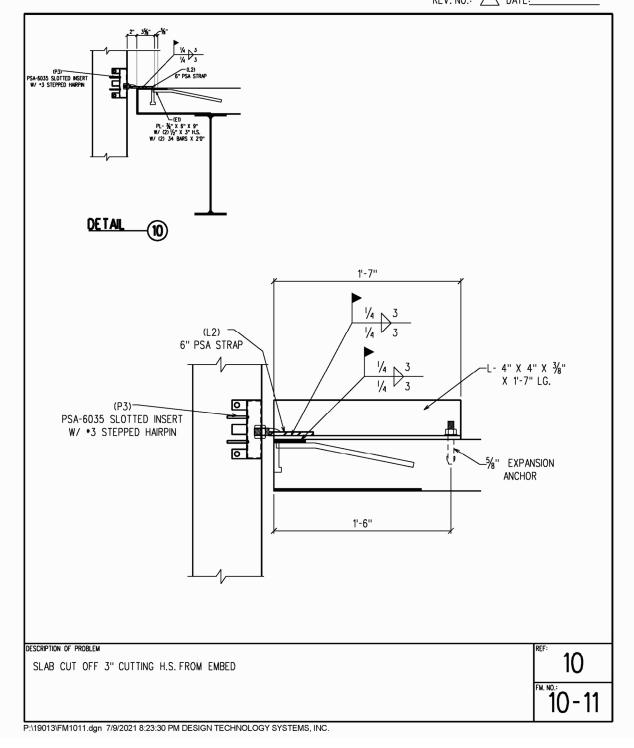


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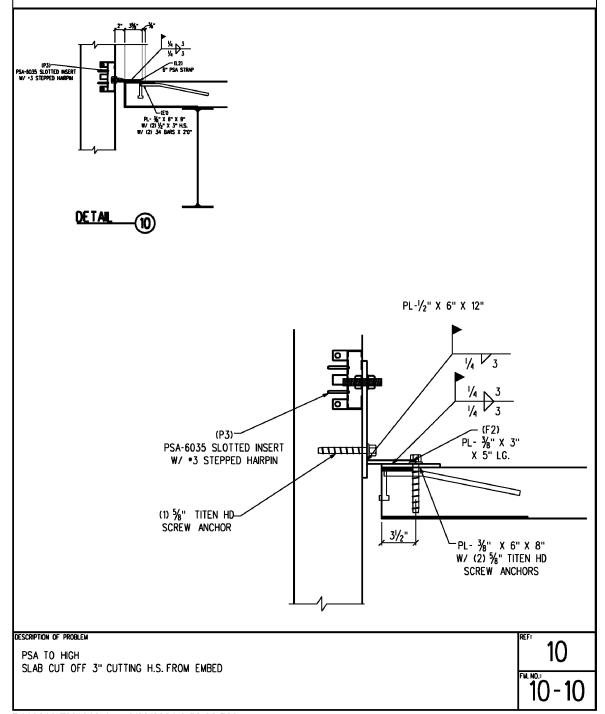
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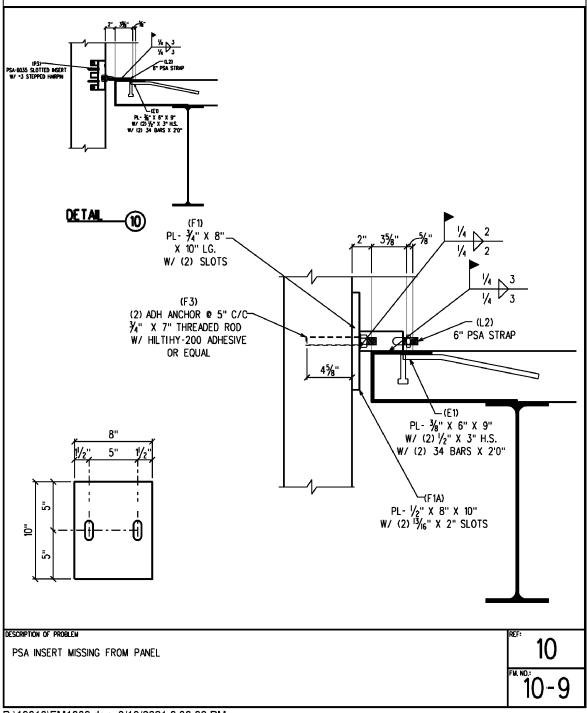
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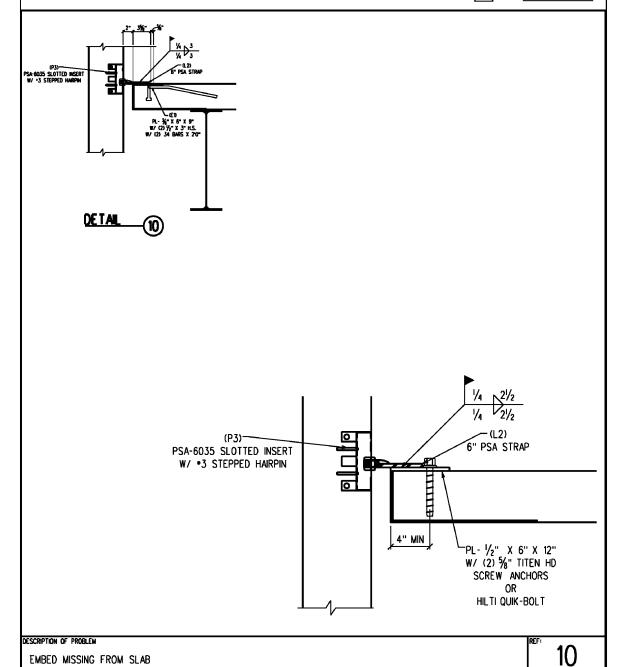
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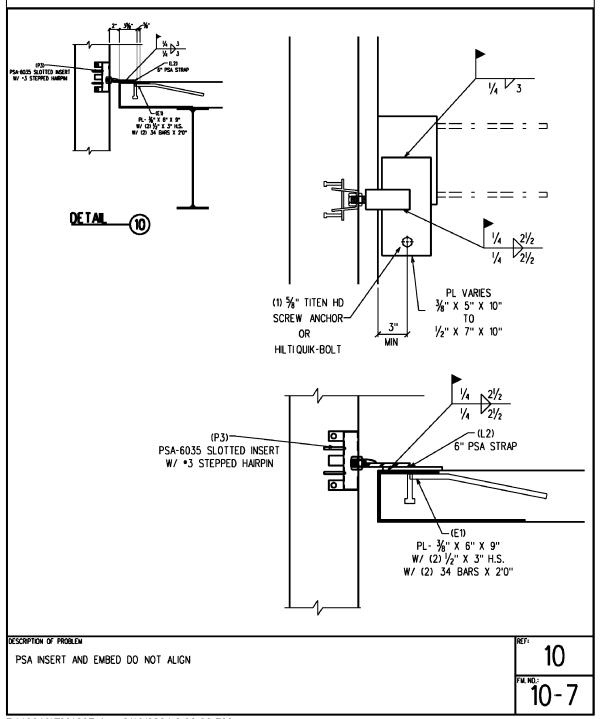
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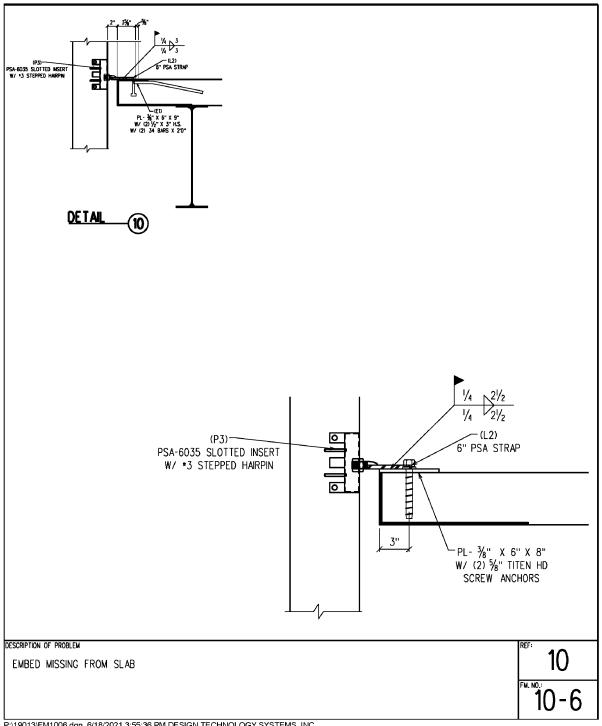
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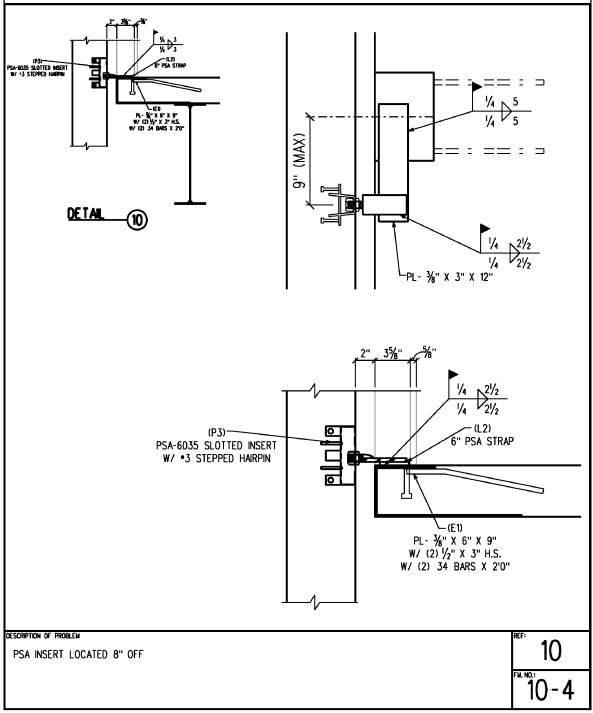
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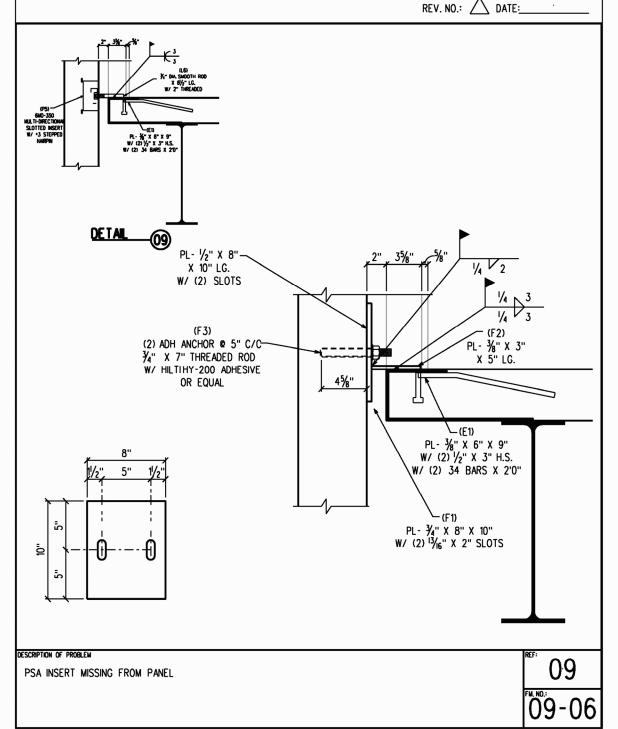
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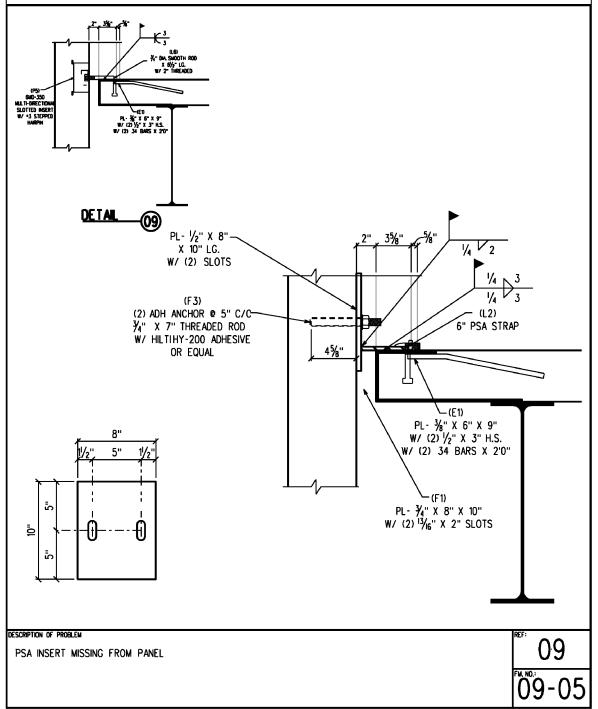
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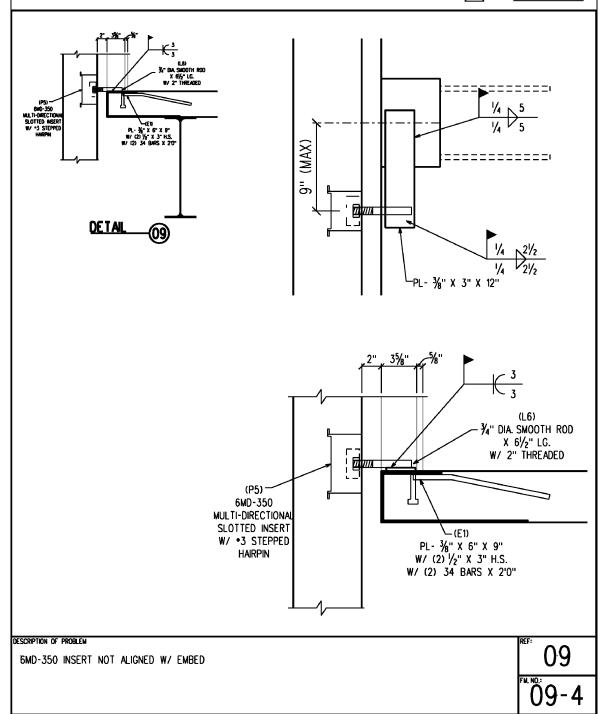
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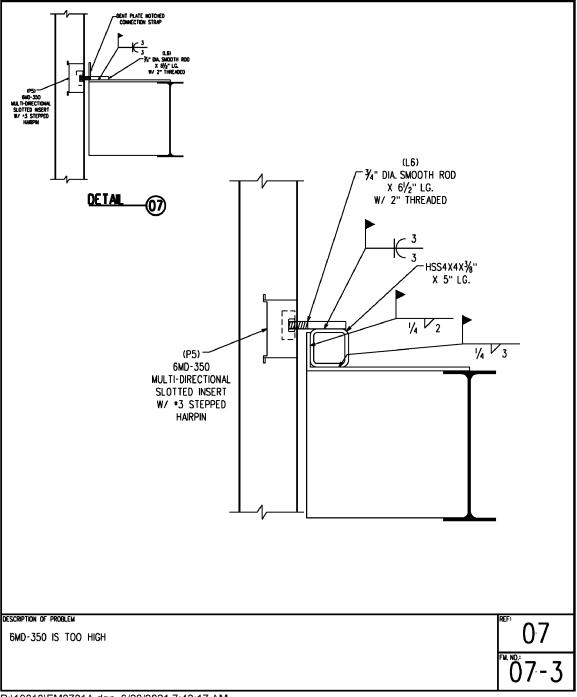
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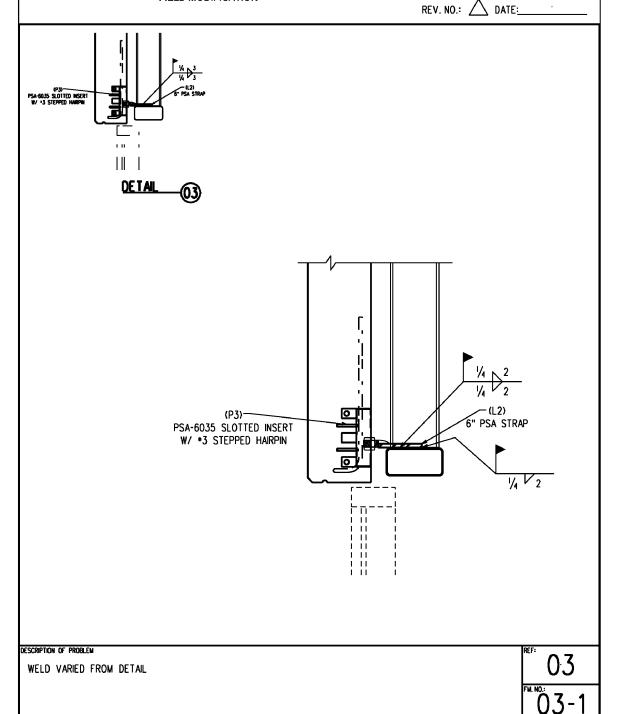
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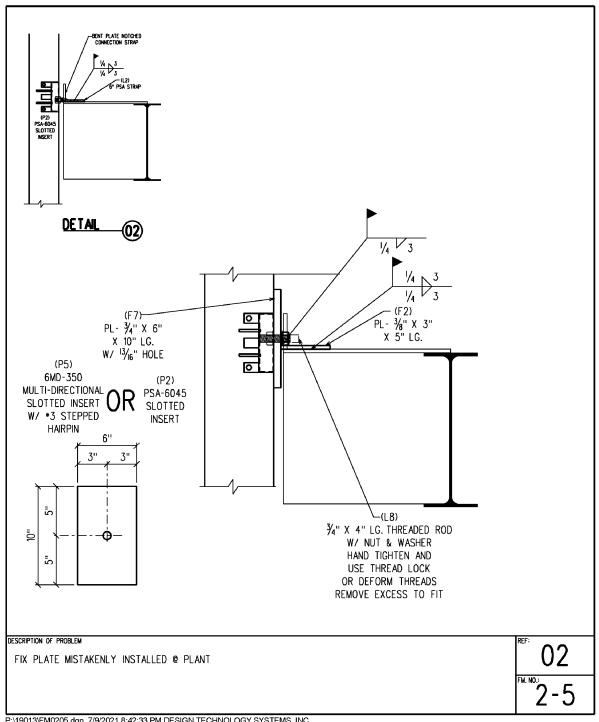
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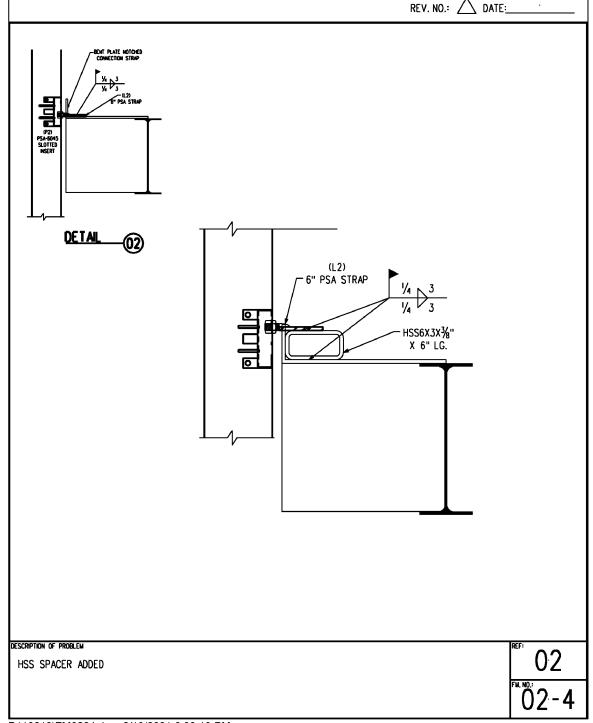
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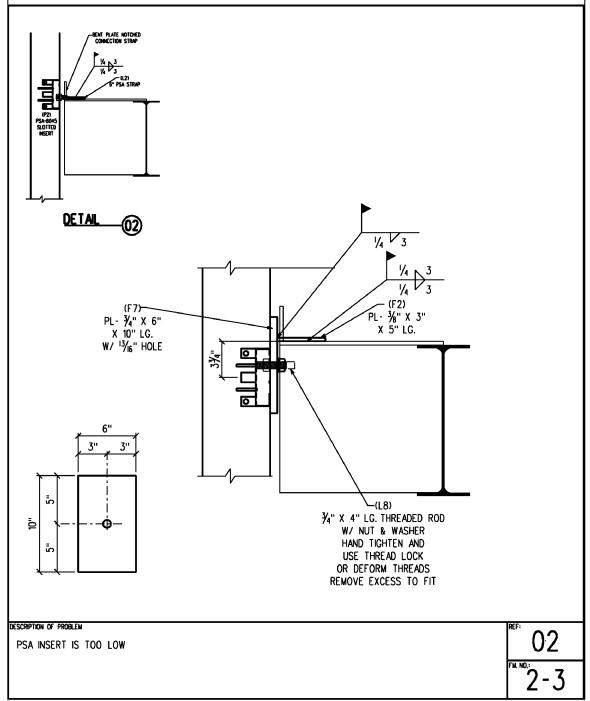
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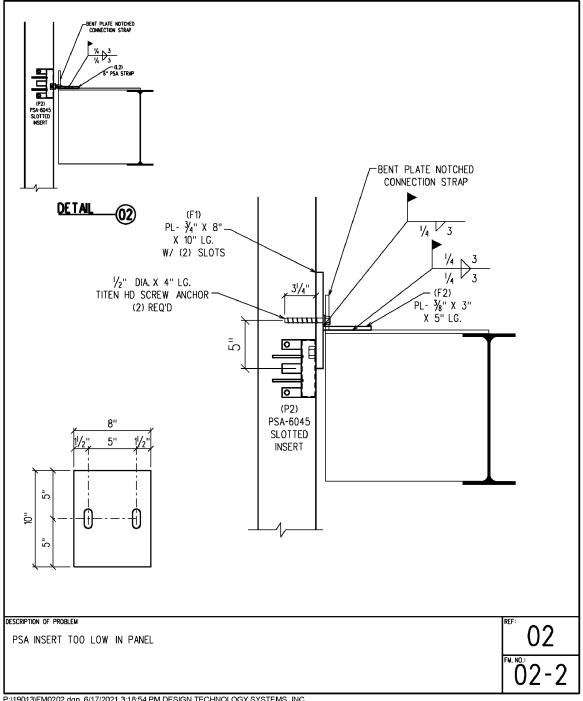
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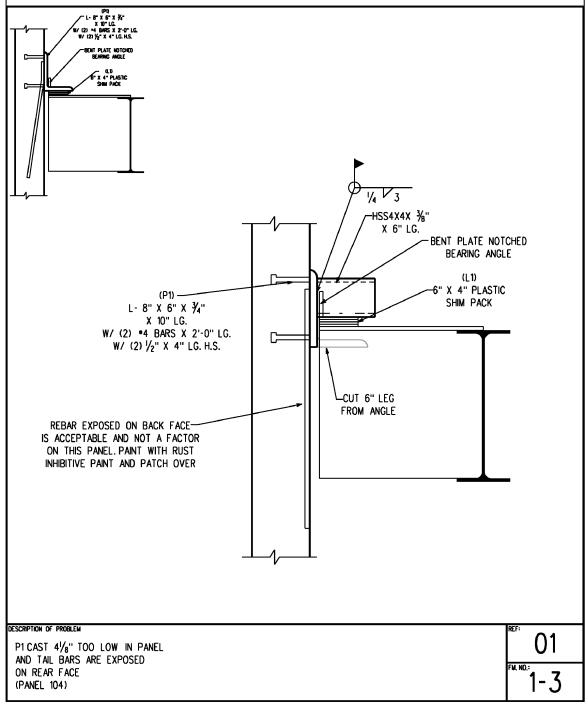
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Community Bank Headquarters Flowood, MS

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



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

FIELD INSPECTION REPORT RESPONSE

COMMUNITY	BANK	HDQTRS.
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FLOWOOD, MISSISSIPPI

JPC JOB*: <u>J197</u>	DTS JOB*: 19013
DATE:	6/17/21
REV. NO.:	ATE:

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	1-1	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	1-0	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	٠	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	FM2·1-01	

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

FIELD INSPECTION REPORT RESPONSE

COMMUNITY	Bank	HDQTRS
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FLOWOOD, MISSISSIPPI

JPC JOB*: <u>J197</u>	DTS JOB#: 19013
DATE:	6/17/21
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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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OF

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 Mailing Address Post Office Box 12828 Jackson, MS 39236

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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, 2022

Regarding: Precast Panel Inspections

Community Bank Headquarters

Flowood, Mississippi

Project No. 170340-4

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



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

Comments:	These test results report our fire determine the overall componen	lings at the time of inspe I quelity, no guarantee is	ction and shall be made or liability a	roviewed by the clic ssumed by Legacy	int for compliance to Inspection LLC, for	the project requir the component qui	rements. Due to the limitations of nondestructive testing in e ality or serviceability	valuating all of the factors that
Technician (Pri	nt): nnon Fulgham	Date: 3/3/22	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Print): FOBELT VANCE	Date: 3/3/2022
Certification lev	el: AWS CWI ACCP UT Le	15030031 evel II 197199	0	0	4	4	Client signature:	
Technician Signature:		Shennon R. Fulgham CWI 15030031 QC1 EXP. 3/1/2024			A 100			

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

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Numbe
		North Side Precast Panels				
Z	2/22/21	4th Floor 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-02
Ø	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-0
ď	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-0
		Book				
S	2/22/21	Roof 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-02
	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	BCD-CBH-015	7/15/21	These connections comply with FM02-02.	BCD-CBH-02
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Report Number

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

Report Number Date Corrected Corrective action

Date		Discrepancy	Report Number	Date Corrected	Corrective action	Report Number	
		South Side Precast Panels					
Y	2/22/21	3rd Floor 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 Structural steel, EOR, is this structurally acceptable?	BCD-CBH-016	7/15/21	These connections comply with FM11-04,	BCD-CBH-021	
1	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	
ď	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	
Y	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	
4	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,	всю-свн-021	
Ø	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					
ď	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	
V	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 Numb
		East Side Precast Panels				
		2nd Floor				
5	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-02
•	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-02
1	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-0
	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-0
		3rd Floor				
6	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 _c	BCD-CBH-02
/	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 ombed 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.	вср-свн-0
ß	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,	всо-свн-0
ļ	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-0
1	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-0
/	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-(
		4th Floor				
1	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-0
1	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-(
10						

4/29/21 4/29/21 4/29/21 4/29/21	West Side Precast Panels 1st Floor Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'. 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. 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? 2nd Floor 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. Connection points of panel 108 to 113 at grid line C has one	BCD-CBH-019 BCD-CBH-019 BCD-CBH-019	9/16/21 7/15/21 7/15/21	These panels have been adjusted for proper alignment, These connections comply with FM11-03.	BCD-CBH-022
4/29/21 4/29/21 4/29/21	Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'. 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, Panels 109B and 109A have connecting points detailed 11 that were field modified using FM 11-1. Instead of using a L4x4x3/8" a PLBx6x3/8" was used at these connections, EOR, is this structurally acceptable? 2nd Floor 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 BCD-CBH-019	7/15/21		
4/29/21 4/29/21 4/29/21	Panel 107 at grid line D is approximately 1" out of plumb over a span of 6'. 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, 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? 2nd Floor 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 BCD-CBH-019	7/15/21		
4/29/21 4/29/21 4/29/21	span of 6′. 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. 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? 2nd Floer 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 BCD-CBH-019	7/15/21		
4/29/21 4/29/21	span of 6′. This indicates that panel 107 is installed too far away from the building to achieve proper alignment with the panel above. 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? 2nd Floor 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		These connections comply with FM11-03.	BCD-CBH-02
4/29/21	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? 2nd Floor 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.			These connections comply with FM11-03.	BCD-CBH-02
	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		
	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		
4/29/21	Connection points of panel 108 to 113 at grid line C has one			These connections have since been completed and meet the requirements of he approved drawings.	BCD-CBH-02°
	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-02
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-02
	Out Flores				
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	BCD-CBH-019	7/15/21	These connections comply with FM11-04.	BCD-CBH-02
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	BCD-CBH-019	7/15/21	These connections comply with FM11-03.	BCD-CBH-02
	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-02
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-02
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-02
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-02
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.	вср-свн-02
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-02
4	4/29/21 4/29/21 4/29/21 7/7/21 7/7/21 7/7/21	has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was cut from the HS56x3x3/Band a 3/8" plate was welded to the HS5 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? 3rd Floor 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? 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? 4th Floor 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? Drive Through Canopy Precast Panels 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 sedetailed. Additional HSS were added to make the connection sedetailed 26 and 27 that have been field modification was not provided for these connections. Panel 134 has two connections detailed 26 and 27 that have been field modified. An approved field modification was not provided for these connections. 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. Time (2) 16K3 bar joist are slightly bent on the bottom chord.	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? 3rd Floor 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? 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? 4/29/21 4th Floor Panel 114 has two connections detailed 99 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? Drive Through Canopy Precast Panels 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. Panel 134 has two connections detailed 26 and 27 that have been field modified. An approved field modification was not provided for these connections. 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 BCD-CBH-020 Panel 134 on the east end of the canopy framing is not plumb.	has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was cut from the HSS6x93X98mad 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? 3rd Floor 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 angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to a PL 3/8x6x6 and that plate welded to the angle to be bolted to FM 11-1. Instead of using a L4x4x3/8x1-7" a PL3/8x6x8" was used. EOR, is this condition structurally acceptable? 4th Floor 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? 4th Floor Panel 114 has two connections detailed 09 that have been field modified and the connection point. An approved field modification was not provided for these connections. Panel 134 has two connections detailed 26 and 27 that have been field modified. An approved field modification was not provided for these connections. Panel 131, 132, 137 and 136 of the canopy framing closest to the building are not plumb. The mitered ends of the panels	has been modified using a combination of FM 18-2 and FM 18-3. Approximately 2" was untrometed with the plate side up. The P7 plates was was making from panel 112 and a P1.36" xx10" was installed with (4) 3/4" diameter threaded rods. EOR, is this structurally acceptable? 3rd Floor Panel 118 has four connections detailed 11. The L4x4-3/8" is welded directly to the embedded plate. The detail calls for the embed with a 4" long 1/4" fillet. EOR, is this condition in structurally acceptable? 8CD-CBH-019 7/15/21 These connections comply with FM11-04. ### These connections comply with FM11-04. #### These connections comply with FM11-04. ### These connections comply with FM11-04. ### These connections comply with FM11-03. #### These connections comply with FM11-03. #### These connections comply with FM11-03. #### These connections comply with FM11-03. ###################################

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

Mailing Address

Post Office Box 12828 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:

Regarding:

May 6, 2021

Precast Panel Inspections

Community Bank Headquarters

Flowood, Mississippi

Project No. 170340-4

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.		BCD-CBH-019		Flowood, MS	/ 170340-4	
PO Box 12828		Page	of	Procedure Specification / Quality Requirements: .		
Jackson, MS 39236		1	12	AWS D1.1 2015 / A	AISC 14th Edition	
Contact:	Contact:		d:	Reference Code:		
Randy Ahlrich, Ph.D., P.E. West S		Side Precast Panels		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 Constrution, Mr. Green was informed of all the findings before leaving the site.

Notes Added by Robert Clay

Documents Reviewed:

Structural plans, shop drawings and field modifications

ns

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

Items Inspected:

1- Welded and bolted connections.

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)
- 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

EOR

- 1 Panel 109A has two connection points detailed 10 that have been medified 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

	determine the overall compone							•	•
Technician (Prir	nt): nnon Fulgham	Date: 5/6/21	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (P	rint): VAR~EC	Date: 5/6/21
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Technician Sign	ature	-						2	

EOR



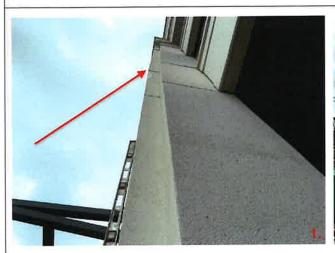
	Client: Burns Cooley Dennis, Inc.		Report #	CBH-019			ood, MS	Work Order / Project	t No: 170340-4	
	PO Box 12828 Jackson, MS 39236		Page 2	of 1 2		dure Specific	ation / Quality Require	ements: AISC 14th Edition		
-	Contact:		Area Inspect			ence Code:	THE DITTE LOTOTI	Common		
	Randy Ahlrich, Ph.D., P.E.	West	West Side Precast Panels			A	WS D1.1 2015 / AISC	14th Edition / IBC 20	12	
			INS	PECT	ION RE	PORT				
			Comr	nunity B	ank Head	quarters				
			IN	SPECTIO	ON NARRA	TIVE				
R	Findings: Area - West Side Precast Panels (C-J) Second Floor 4- Panel 108 at grid line C has two conne- (pheto 9 10) 5- Panel 112 at grid line D has one conne the HSS6x3x3/8and a 3/8" plate was was installed with (4) 3/4" diameter thr	ection point det	ailed 18 that h	as been m	nodified usin e plate side (g a combinati	on of FM 18-2 and FM ate was also missing fr	18-3. Approximately	2" was cut from L 3/8"x6"x10"	Plan
OR	Third Floor 1 Panel 109B and 109A have two connections detailed that plate welded to the embed with a grant on structurally acceptable? (photometric photometric	d 11. The L4x 4" long 1/4" fill d 11 that have	4x3/8" is welde	ed directly condition	to the embe	dded plate. T	he detail calls for the a	ingle to be bolted to a l	PL 3/8x6x6 and	
EOR	Fourth Floor 1- Panel 114 has two connections detaile EOR, is this structurally acceptable? (i 2- Panels 115, 116 and 117 have connections of these FM's. (photo 16)	hoto 15)								
	or trese times, (priote 19)									
	Comments These test results report our findings at the determine the overall component quality, no	time of inspection a guarantee is made	ind shall be reviewed or liability assumed	by the client to by Legacy Ins	for compliance to pection LLC_for	the project requir he component qu	ements. Due to the limitations callty or serviceability	of nondestructive testing in eva	luating all of the factors that	
Ī	Technician (Print): Date: Shannon Fulgham 5/	5/21 Tra	vel Miles Trave		Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Prin	VARNER_	Date: 5/4/21	
C		5030031 197199	80	2	10	12	Client signature:	-		
Ī	Fechnician Signature			1_			R			

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



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

Community Bank Headquarters





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.



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

Community Bank Headquarters



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.



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



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



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.

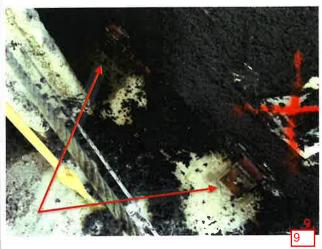


LEGACY INSPECTION LLC 1426 N Davis Rd Bolton, MS 39041 Phone 601-503-4131 shannon@legacyinsp.com

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

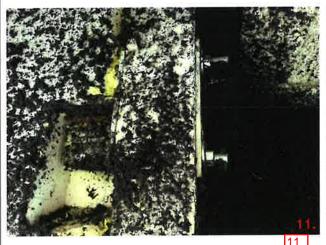
INSPECTION REPORT

Community Bank Headquarters





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.



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.



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.



Client:		Report #		Job Location:	Work Order / Project No:	
Burns Cooley Dennis, Inc.		BCD-CBH-019		Flowood, MS	/ 170340-4	
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Contact:		Area Inspecte	d:	Reference Code:		
Randy Ahlrich, Ph.D., P.E. West S		Side Precast Panels		AWS D1.1 2015 / AISC 14th Edition / IBC 2012		

Community Bank Headquarters



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



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.



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



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

Report Number

Date	Discrepancy	Report Number	Date Corrected	Corrective action
	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	BCD-CBH-015		
	structural steel. EOR, is this structurally acceptable?			
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-10,1LA6" 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 2178-1 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 2038-2 & 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		

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

Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Numbe
	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	Page Corrective action	Report Numbe
-	<u> </u>				•
	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-01
10/7/20	Panel 2118 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-01
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-01
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-01
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			
	on one side.			Panel 217-4 & 217-3 have been been modified with FM-11.1	
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	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-01
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 $49^{\circ}.4^{\circ}.$ Field modification FM18-4 was installed improperly and subsequently abandoned. Field modification FM18-7 was used at this location. The $3/4x8^{\circ}.x1^{\circ}.4^{\circ}$ plate to both $1/2^{\circ}.x12^{\circ}.x1^{\circ}.4^{\circ}$ plates is not welded as detailed. The welds of the connection are on the vertical leg of the $3/4x8^{\circ}.x1^{\circ}.4^{\circ}$ 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-01

Date	Discrepancy	Report Number	Date Corrected	Corrective action
	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 (PS) 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 δx6x3/8 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 $_{\rm a}$ 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 $\kappa_{\rm c}$	BCD-CBH-017		IS	
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			

						Page 12 Of 1
	Date	Discrepancy	Report Number	Date Corrected	Corrective action	 Report Numb
		West Side Precast Panels				
		1st Floor				
		Panel 107 at grid line D is approximately 1" out of plumb over a				
	4/29/21	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 PL3/8x6x6 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			
			18			
		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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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:

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: Burns Cooley Dennis, Inc. PO Box 12828 Jackson, MS 39236		Report # BCD-C	BH-018	Job Location: Flowood, MS	Work Order / Project No: / 170340-4
		Page 1	of 9	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition	
		Area Inspected:		Reference Code:	
Randy Ahlrich, Ph.D., P.E. West		Ahlrich, Ph.D., P.E. West Side Precast Panels		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 405-1 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.**
- 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

IEOR

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

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 fin determine the overall componer	dings at the time of inspe at quality, no guarantee is	ction and shall be made or liability a	reviewed by the clie ssumed by Legacy	ent for compliance to Inspection LLC, for t	the project requi the component qu	rements. Due to the limita allty or serviceability	tions of nondestructive testing	in evaluating all of the factors th
Technician (Prin	nt): non Fulgham	Date 4/16/21	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Clien	t (Print):	Date: 4/17/21
Certification leve	AWS CWI ACCP UT Le	15030031 evel II 197199	80	2	8	10	Client signature:	Λ	
Technician Signa	alure								



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

Community Bank Headquarters





Progress as of 4/13/2021.





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



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

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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.

Bolton, MS 39041
Phone: 601-503-4131
shannon@legacyinsp.com

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

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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 Corrected Corrective action

Report Number

Date	Discrepancy	Report Number
	North Side Precast Panels	
	1st Floer	
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 2178-1 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 $16_{\ast \odot}$	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	BCD-CBH-015

 2/22/21
 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

BCD-CBH-015

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?

Report Number

Date	Discrepancy	Report Number	Date Corrected	Corrective action		
	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			é	
	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				

,						
,		South Side Precast Panels				
,		1st Floor				
					Panel 217-2 & 217-1 have been been modified with FM-11.1	
,	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	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-11,1,1 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-01
	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	T)		
	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			
		on one side			Panel 217-4 & 217-3 have been been modified with FM-11.1.	
/	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	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-01
	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-11-11-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			
1	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-01

Discrepancy

Date

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-C8H-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

Report Number Date Corrected Corrective action

Discrepancy

Date

Report Number

	Discrepancy		Date Corrected	кероп
	East Side Precast Panels			
2/23/21	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?	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?	8CD-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		

Report Number Date Corrected Corrective action

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office

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Post Office Box 12828 Jackson, MS 39236

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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, 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

Balton, MS 39041 Phone: 601-503-4131 shannon@legacyinsp.com



Client:	Report #	Job Location:	Work Order / Project No:	
Burns Cooley Dennis, Inc.	BCD-CBH-017 Page of	Flowood, MS Procedure Specification / Quality Req		
PO Box 12828 Jackson, MS 39236	Page of 1 11		5 / AISC 14th Edition	
Contact:	Area Inspected:	Reference Code:		
Randy Ahlrich, Ph.D., P.E.	East Side Precast Panels	AWS D1.1 2015 / Al	SC 14th Edition / IBC 2012	
	INSPECTION	ON REPORT		
	Community Ba	nk Headquarters		
	INSPECTIO	N NARRATIVE		
Clay, project Manager for Fountain Construt Documents Reviewed: Structural plans, shop drawings and field mo	,	dings before leaving the site.		
Items Inspected: 1- Welded and bolted connections,				
Findings:				
Area - East Side Precast Panels (C-J) 1st Floor	2			
1- Connection points detailed 11 and 18 me	eet the requirements of the approved o	rawings.		
2nd Floor				
1 Two 109 panels have been field modified	dat connection point 18 per FM 18 2	These connections meet the requirements	of the approved drawings, (photo 2)	
2- Panel 109A has been modified with FM-instead. EOR, is this structurally accepta		4x4x3/8 to be welded to the structural stee	l. This connection has a 6x6x3/8 plate	
was not provided for this connection. EO	roximately 3" from the edge of the slater, is this structurally acceptable? (pho	 The PSA strap is overlaying the plate 2 1 lo 4) 	/4" and is welded on three sides. A FM	
4- Panel 109B and 109A have connection p on one side and anchored to the slab on acceptable? (photo 5)	points detailed 10 that have been field the other side. FM 10.3 and FM10.4 c	modified. The PSA strap is welded to a plat ould have been used for this connection.	te 1/2x5x10 that is welded to the embed EOR, are these connections structurally	
			the state of the s	

EOR

Comments

These lest results report our findings at the time of inspection and shalf 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

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

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

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



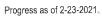
	Client: Burns Cooley Dennis, Inc.		Repo	rt # 3CD-CBH-017		Location:	ood, MS	Work Order / Project	t No: 170340-4			
	PO Box 12828		Page of		Pro	Procedure Specification / Quality Requirements: AWS D1.1 2015 / AISC 14th Edition						
	Jackson, MS 39236 2 11 AWS D1.1 2015 / AISC 14th Edition Contact: Area Inspected: Reference Code:								_			
	Randy Ahlrich, Ph.D., P.E.	East	Side Pro	ecast Panels		A	WS D1.1 2015 / AISC	14th Edition / IBC 20	12			
				INSPEC	TION RI	PORT						
	Community Bank Headquarters											
	INSPECTION NARRATIVE											
EOR	Findings: Area - East Side Precast Panels (C-J) 3rd Floor 1- Panel 418-2 connection points detailed 1	1 do nol bay	e 3/8x6x	6 plates with s	slotted holes	welded to the	embedded plate. Thes	se connections are wel	ded directly to			
EOR	the embedded plate and Structrual steel 2- Panel 118-2 connection point detailed 18 of panel 117-1 with a 1/4" fillet weld 4" le	EOR, is this has been fie ength on thre	s structur eld modif e sides.	ally acceptabl ied. The HSS The 3/8x4x11	e? 66x3x3/8 has 5 plate is bo	s been welded t	o a plate 3/8x4x11.5	The plate is welded to	the embed plate			
EOR	backer along with washers and nuts. EC 3- Panel 109-13 and 109-10 have two conrembed on one side and anchored to the structurally acceptable? (photo 9-10)	ection points	detailed	10 that have	been field n	nodified. The PS ould have been	SA strap is welded to a used for these conne	a plate 1/2x7x10 that is ctions, EOR, are these	welded to the connections			
EOR	4- Panel 112 has been field modified. A sec the slab approximately 7" from the edge acceptable? (photo 11)	The PSA str	rap is we	Ided to the 1/2	2x6x12 plate	A FM was not	provided for these con	nnections. EOR, is this	structurally	Note 2		
EOR	5- Panel 112-1 has been field modified. A s embeds and a 5/8 anchor is installed in screw anchor is installed approximately connections. EOR, is this structurally act	he slab appr 7" below the ceptable? (ph	oximatel PSA inse noto 12)	y 3.5" from the ert. A 3/8x6x6	e edge. A 1/ plate is weld	2x6x12 plate is ded to the vertic	installed vertically to o al and horizontal plate	connect to the PSA ins es. A FM was not provid	e <mark>rt an</mark> an HD ded for these	Note 2		
EOR	6- Panel 112-6 and 112-9 have been field r anchor is installed in the slab approxima is this structurally acceptable? (photo 13	lely 16" from	ction of the edge	the slab has b e. The PSA sti	een cul off, rap is welde	A L4x4x3/8 19" d lo the 1/2x6x1	length is welded to the 2 plate. A FM was not	e remainder of the emb t provided for these co	beds and a 5/8 nnections. EOR,	Note 2		
	4th Floor											
EOR	1- Panel 117-1 and 116-2 have two connect and a 1/2" thick plate was used, (photo 2- Panel 117-1 and 116-2 have two connect and a 116-2 have two connects.	lion points de 5) JP	etailed 10 Ins	talled	en field mod Plat	dified using FM E.EOR	10.2. The field modific	ation requires a 3/4" that ate size	nick vertical plate			
EOR	2- Panel 117-1 and 116-2 have two connec and a 1/2" thick plate was used. (photo	tion points do	etailed 9	that have been stalled	n field modi	fied using FM 9 :e, EOF	2. The field modificati R verify pl	ion requires a 3/4" thic late size	k vertical plate			
	Roof 1- Roof panels are in the process of installi	ation.										
	Comments These test results report our findings at the tir determine the overall component quality, no g	e of inspection a varantee is made	nd shall be r or liability as	eviewed by the clie sumed by Logacy l	nt for complianc Inspection LLC, 1	e lo the project requir or the component qua	ality or serviceability		aluating all of the factors	s that		
	Technician (Print): Date: Shannon Fulgham 3/2/	21	vel Miles	Travel Hours	Inspection, Reporting & Administration		Reviewed by Client (Pri	•	Date: 3/3/ 2	1		
	ACCP UT Level II	197199	80	2	10	12	Client signature:					
	Technician Signature						5					



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

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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.

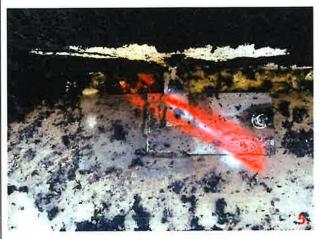


Panel 109B at one connection point detailed 10 is connected to the slab with a PSA strap that is welded to plate 3/8"x6"x8".



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Jackson, MS 39236	4	11	AWS D1.1 2015 / AISC 14th Edition			
Contact:	Area Inspected:		d:	Reference Code:		
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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 nuls



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

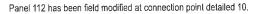
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Panel 109-13 and 109-10 have two connection points detailed 10 that have been field modified. The PSA strap is welded to a plate 1/2x7x10 that is welded to the embed on one side and anchored to the slab on the other side, FM 10,4 and FM 10,3 could have been used for these connections.







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

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				Procedure Specification / Quality Requirements:		
Jackson, MS 39236		6	11	AWS D1.1 2015 / AISC 14th Edition		
Contact:			d:	Reference Code:		
Randy Ahlrich, Ph.D., P.E.			Panels	AWS D1.1 2015 / AISC 14th Edition / IBC 2012		

INSPECTION REPORT

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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.



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.

Discrepancy

Date

Report Number Date Corrected Corrective action

Report Number

North Side Procest Panels 1st Floor Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded in the embedded plate, These connections are welded directly to the embedded plate and structural steel. EOR, is this structurally acceptable? Panel 217A-3, has been been modified with PM 11.1. This detail requires the use of a 1.6x4x3/8 to be welded in the structural steel. Entis connection has a 6x83/8 plate instead, EOR, is this structurally acceptable? Panel 217A-2 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 appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and toes not meet the requirements of the appropriate hardware and toes not meet the requirements of the appropriate hardware and toes not meet the requirements of the appropriate hardware and toes not meet the requirements of the appropriate hardware and toes not meet the requirements of the appropriate hardware and toes not meet the requires and the structural security acceptable? Panel 217B-1 has two connection points that have been field modified similar to FM-10.1, A 6* FSA strap was used at this structurally acceptable? 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, it this structurally acceptable? Panel 227B-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. Fine connection has a 6x8x3/8 plate instead. EOR, it wis structurally acceptable? Panel 202-2 and 233-1 are connected to the slab a PSA strap that		J. J. L. Charles	
1st Floor 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? 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 6x83/8 plate instead, EOR, is this structurally acceptable? Panel 214 has a connection point was field modified in similarity to FM-16.2. This connection is not installed with the appropriate handware and does not meet the requirements of the approved FM. 2nd Floor Panel 217A-2 has a PSA insert that is installed too high, A H553x4X6* is welded to the HSA. A Field modification was not provided for this condition. EOR, is this structurally acceptable? Panel 217B-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 3/8x35 plate, The plates attached to the panel are 1/2* thick, FMI.0.1* requires 3/4* plates. 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 6x83/8 plate instead. EOR, is this structurally acceptable? 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 6x83/8 plate instead. EOR, is this structurally acceptable? Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2 x6-12. This plate instead. EOR, is this structurally acceptable? Panel 202-2 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2 x6-12. This plate is an advanced plate. These connections are welded directly to the embedded plate. These connections are welded directly to the embedded plate and Structurally acceptable? Panel 2038-2 & 243-9, connection points detailed on 16. Panel 228-1 is not connected to pan		New Side Descret Davids	
Panel 217A-2, connection points detailed 11 do not have 3/8x6x6 plates with slotted holes welded to the embedded plate and structural steel. EOR, is this structurally acceptable? 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 6x6x3/8 plate instead. EOR, is this structurally acceptable? Panel 217A-2 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. 2nd Floor 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? Panel 215-1 has two connection points that have been field modified similar to FM-101. A 6' FSA strap was used at this connection instead of a 3/8x3x5 plate, The plates attached to the panel are 12' Thick, FM10.1 requires 3/4' plates. 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? 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? 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? Panel 2202 and 233.1 are connected to the slab with Q2 S/8 x6x6 plates with slotted holes welded to the embedded plate. This connection has a 6x8x3/8 plate instead EOR, is the slab with Q2 S/8 x6x6 plates with slotted holes welded to the embedded plate in the welded to the embedded plate and s			
requires the use of a LA-4x3/8 to be welded to the structural steel. This connection has a 6x8/3/8 plate instead, EOR, is this structurally acceptable? Panel 214 has a connection point was field modified in similarity to FM 1-62. This connection is not installed with the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and does not meet the requirements of the appropriate hardware and the structural was structurally acceptable? Panel 2178-3 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 6x83.7/8 plate instead. EOR, is this structurally acceptable? Panel 227-22 and 233-1 are connected to the slab a PSA strap that is welded to plate 1/2**C**12**1. This plate is anchored to the slab with (15)*67 anchors. These anchors are approximately 5° from the edge of the slab. A FM was not provided for this connection. ECR, is this structurally acceptable? Panels 2038-2 & 249-3, connection points detailed 11 do not have 3/86x6/6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded plate. These connections are welded directly to the embedded of has welded to the embedded plate. These connections are	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	BCD-CBH-015
to FM 16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved FM. 2nd Floor Panel 217A-2 has a PSA insert that is installed too high. A HS53xASA 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. ECR, is this structurally acceptable? 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*/85.35 plate, The plates attached to the panel are 1/2* thick, FM10.1 requires 34* plates. 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 6x83/8 plate instead. ECR, is this structurally acceptable? Panel 2272-21 and 233-1 are connected to the slab at PSA strap that is welded to plate 1/2* x3* x12*. This plate is anchored to the slab with (2)*/8* anchors. These anchors are approximately 5* from the edge of the slab. A FM was not provided for this connection. ECR, is this structurally acceptable? Panel 202-2 and 233-1 are connected to the slab with (2)*/8* anchors. These anchors are approximately 5* from the edge of the slab. A FM was not provided for this connection. ECR, is this structurally acceptable? Panels 203-28. 24.94-3, connection points detailed 11 do not have 3*/8x6x6 plates with slotted holes welded to the embedded plate and Structural steel. ECR, is this structurally acceptable? Panel 202-28 is not connected to panel 228-1. The plate is welded to the embedded plate and Structural steel. ECR, is this structurally acceptable? Panel 203-1 kind the modification was not provided for this particular condition. ECR, is this structurally acceptable? Panel 203-1 kind modification was not provided for this condition, ECR, is this structurally acceptable? Panel 229 is not connected as detailed on 28. The embedded plate was not installed as across the bot	2/22/21	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	BCD-CBH-015
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? 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 3/83x3x plate, The plates attached to the panel an 12*7 thick, FM10.1 requires 34* plates. 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? 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? Panel 222-2 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 along the slab. A FM was not provided for this connection. EOR, is this structurally acceptable? Panels 203-2 a 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. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? 2/22/21 Panel 229-2 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2**. A fleel modification was not provided for this particular condition. EOR, is this structurally acceptable? 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? Panel 230-2 & 236-2	2/22/21	to FM-16.2. This connection is not installed with the appropriate hardware and does not meet the requirements of the approved	BCD-CBH-015
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? 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 3/83x3x plate, The plates attached to the panel an 12*7 thick, FM10.1 requires 34* plates. 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? 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? Panel 222-2 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 along the slab. A FM was not provided for this connection. EOR, is this structurally acceptable? Panels 203-2 a 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. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? 2/22/21 Panel 229-2 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. The plate is welded to the embed plate across the bottom and vertically approximately 2**. A fleel modification was not provided for this particular condition. EOR, is this structurally acceptable? 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? Panel 230-2 & 236-2		2nd Floor	
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. 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? 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? 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? 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? 3rd Floor 2/22/21 Panel 225-2 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in 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? 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? Panel 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? Panel 103-2 is not connected to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded plate in the panels	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	BCD-CBH-015
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? 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? 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? 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. These connections are welded directly to the embedded plate and Structrual steel. EOR, is this structurally acceptable? 3rd Floor 2/22/21 Panel 229-1 is not connected to panel 223-1 as detailed on 16. The PSA insert was not installed in panel 228-1. The plate is welded to the embedded plate across the bottom and vertically approximately 2". A field modification was not provided for this particular condition. EOR, is this structurally acceptable? 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? Panel 229 is not connected as detailed on 28. The embedded plate was 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? Panel 33-2 & 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? Panel 103-2 is not connected to the embedded plate in the panels. The L4x4x3/8 are welded directly to the em	2/22/21	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	BCD-CBH-015
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? 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? 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? 3rd Floor 2/22/21 Panel 228-1 is not connected to panel 229-1 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? 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? 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? 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? 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	2/22/21	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	BCD-CBH-015
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? 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? 3rd Floor 2/22/21 Panel 225-2 is not connected to panel 219-1 as detailed on 16. Panel 228-1 is not connected to panel 228-1 as detailed on 16. The PSA insert was not installed in 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? 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? 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? 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	2/22/21	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	BCD-CBH-015
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? 3rd Floor 2/22/21 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. 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? 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? 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? 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	2/22/21	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.	BCD-CBH-015
2/22/21 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. The PSA insert was not installed in 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? 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? 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? Panel 103-2 is not connected to the structurally acceptable? 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 BCD-CBH-015 panels. The L4x4x3/8 are welded directly to the embedded	2/22/21	have 3/8x6x6 plates with slotted holes welded to the embedded plate. These connections are welded directly to the embedded	BCD-CBH-015
2/22/21 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. The PSA insert was not installed in 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? 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? 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? Panel 103-2 is not connected to the structurally acceptable? 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 BCD-CBH-015 panels. The L4x4x3/8 are welded directly to the embedded		3rd Floor	
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? 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? 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? 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	2/22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015
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? 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? 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	2/22/21	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	BCD-CBH-015
2/22/21 installed as detailed on 23. A plate was used to weld to the angle instead of the PSA strap_EOR, is this structurally acceptable? 2/22/21 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	2/22/21	plate was not installed in the panel. A plate has been anchored to the panel. A field modification was not provided for this	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 BCD-CBH-015	2/22/21	installed as detailed on 23. A plate was used to weld to the angle	BCD-CBH-015
2/22/21 with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded BCD-CBH-015	2/22/21		BCD-CBH-015
	2/22/21	with 13/16 x 2" slotted hole welded to the embedded plate in the panels. The L4x4x3/8 are welded directly to the embedded	BCD-CBH-015

Date	Discrepancy	Report Number	Date Corrected	Corrective action
	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		

					P	age 9 Of 11
	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		South Side Precast Panels				
		1st Floor			Panel 217-2 & 217-1 have been been modified with FM-11.1	
√	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	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?	e 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 at not required and are nearly used for alignment purposes,	BCD-CBH-016
1	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 at not required and are nearly used for alignment purposes.	e 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 $^{\circ}$ 0" has two connections with angles welded to the plate and the 6 $^{\circ}$ 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 HS56x3x3/8 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. ECR, 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				
1	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,' This dotail 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?	e 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 $34^{\circ}.0^{\circ}$ 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 $^{\circ}$.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. 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 weided 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" returns.	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			
1	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
	South Side Precast Panels	
2/22/21	3rd Floor 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	BCD-CBH-016
	acceptable?	
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) 5/6" 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

Report Number Date Corrected Corrective action

Discrepancy

East Side Precast Panels

2nd Floor

2/23/21

Panel 109A has been modified with FM-11₄1, 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

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 1/25×10 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.

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:

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.

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



Client: Burns Cooley	Dennis, Inc.		Report # BCD-CBH-0		ocation: Flowood,	MS	Work Order / Proj	ect No: 170340-4
PO Box 12828			Page o		edure Specification			
Jackson, MS Contact:	39236		Area Inspected:	10 Pefer	rence Code:	AWS D1.1 201	5 / AISC 14th Edition	
	DLD DE	South	Side Precast Pane			74 4 2045 / AIS	SC 14th Edition / IBC 2	012
Randy Ahlrici	I, Ph.D., P.E.	South	Side Precast Pane	115	AWS	71.1 20157 AIS	3C 14th Edition / IBC 2	012
			INSPE	CTION RE	PORT			
			Communit	y Bank Head	quarters			
			INSPEC	TION NARRA	ATIVE			
Clay, project	22, 2021 I, Shannon Ful Manager for Fountain Co						n visual inspection, I me	et with Mr. Robert
Documents Structural pi	Reviewed: ans, shop drawings and fie	eld modifications						
Items Inspe 1- Welded a	cted: and bolted connections.							
Findings:								
	n Side Precast Panels							
1st Floor	0.4.0004.0.047.0.045.4	244 045 4 047 4	0000 4 9 040 4			2/0veve -	Jakan with alattad balan	wolded to the
EOR 1- Panel 24 embedde	8-1, 203A-3, 217-2, 245, 2 ed plate. These connection	244, 245-1, 217-1, is are welded direc	tly to the embedded	nection points on plate and Struc	trual steel, EOR, i	nave 3/6x6x6 p s this structural	lly acceptable? (photo 2)
EOR 2- Panel 21	7-2 & 217-1 have been be	en modified with F	M-11.1. This detail re					
6x8x3/8	plate instead. EOR, is this ly noted on report BCD-Cf			anaharad ta tha	nonal and an ana	lo wolded to the	a plata and the 6" DSA	etran " This is not
	ed a discrepancy as these	COLON.	,				e plate and the or Fem	strap. Triis is not
4- Previous	ly noted on report BCD-Ct	3H-013 (1 d), "Pan	el 243 near grid line	4 at elevation 1	6'-0" has an angle	welded to the	plate and the 6" PSA si	rap." This is not
	,			,		,		
2nd Floor	40 4 000 0 047 4 047	0.000.0.047.5.04	7 0 040 0 0 0000 0			2/0vC	w.C. wlada a with a latted ha	ales welded to the
EOR 1- Panel 2-	48-4, 203A-2, 217-4, 217-6 ed plate. These connection	o, 222-2, 217-5, 21 ns are welded direc	7-3, 249-2 & 2036-2 tly to the embedded	plate and Struc	nts detailed 11 do trual steel. EOR, i	not nave 3/6x6 s this structural	lly acceptable? (photo 5)
	7 4 & 217 3 have been be							
000000/6	plate instead. EOR, is this					210 11 11 11 11		
OR the embe	ly noted on report BCD-Cled plate." Panel 217-4 & 2	17-3 have been be	en modified with FM	-11.1. This deta	to has one L4x4x. Il requires the use	of a L4x4x3/8 i	to be welded to the stru	ctural steel. This
	on has a 6x8x3/8 plate ins ly noted on report BCD Cl				3 has one I dydys	R/9 that is insta	lled at an apple due to	nicolianment of
	ed plate" This angle has be							niodiigiinioni oi
Comments Th	ese test results report our findings a termine the overall component quali	I the time of inspection an ly, no guarantee is made o	d shall be reviewed by Ihe c r Hability assumed by Legac	lient for compliance to y inspection LLC. for i	the project requirements the component quality or	s, Due to the limitatio serviceability	ns of nandestructive testing in e	valuating all of the factors th
Technician (Print):	Date			Inspection,	Rev	viewed by Client (F	Print):	Dele
Shann	L Date							Date: 3/7/21
Certification level:	AWS CWI	15030031		Administration			VIII I	1 311/21
	ACCP UT Level I		80 2	10	12 Clier	t signature:	•	
				R Fulgham				

Notes:

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

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



shannon@legacyinsp.com						r' (NEPETTO)	
Client:	Repo		Job Location:		Work Order / Project		
Burns Cooley Dennis, Inc.		BCD-CBH-016		vood, MS	<u> </u>	170340-4	
PO Box 12828	Page		Procedure Speci	fication / Quality Require	ements: AISC 14th Edition		
Jackson, MS 39236		2 10 spected:	Reference Code		AISC 14th Edition		
Contact:			Trendrende dada	AWS D1.1 2015 / AISC	14th Edition / IBC 20	12	
Randy Ahlrich, Ph.D., P.E.	South Side Pr	ecast Paneis		AWS D1.1 2015 / AISC	14th Edition / IBC 20	12	
		INSPECTIO	N REPORT				
	(ommunity Bar	nk Headquarters				
		INSPECTION	I NARRATIVE				
Findings: Area - South Side Precast Panels 3rd Floor 1 - Panel 225-1, 226-1, 227-2, 228-2, con- are welded directly to the embedded place. 2 - Panel 229-1 has been been modified we plate instead. EOR, is this structurally a subject of the service of the servi	ate and Structrual stee ith FM-11.1, This detai cceptable? (photo 8) I to the structural steel ith Structural struct	I. EOR, is this stru I requires the use as detailed on 28. of panel 223 and 2 ents of the approv BX6X6 plates with s turally acceptable? a PSA strap that is of the slab. A FM w a PSA strap lhal is of the slab. A FM w d modified. The P	cturally acceptable? of a L4x4x3/8 to be v This does not meet 228 at elevation 44'-(ed drawings. slotted holes welded to (photo 11) is welded to plate 1/2" is not provided for to welded to plate 1/2" is not provided for to SA slotted insert at o	photo 7) relded to the structural s the requirements of the a "at grid line 4 has a 3/4 to the embedded plate. T k6"x12". This plate is an ais connection. EOR, is t k6"x12". This plate is an ais connection. EOR, is t connection. EOR, is t connection is 4" too h	approved drawings. (planthreaded rod nut that threaded rod nut that these connections are chored to the slab with this structurally acceptachored to the slab with this structurally acceptangly and 9" off center of the structurally acceptangly acceptangly and 9" off center of the structurally acceptangly acceptang	welded directly (2) 5/8" able? (photo 13)	Corrected
1- Panel 104-2 has a connection point del order to connect. (photo 15)							
2- Panel 130-1 has a connection point de	lailed 02 that has a HS	S6x3x3/8 6"length	below the PSA strap	. A FM was not provided	d for this connection, E	OR, is this	
structurally acceptable? (pholo 16)							
Comments These test results report our findings at the	lime of inspection and shall be	reviewed by the client for	compliance to the project re-	uirements. Due to the limitations	of nondestructive testing in eva	sluating all of the factors that	
determine the overall component quality, no	guarantee is made or Hability a	ssumed by Legacy Inspec	suon ecc. for the component	quality of surviceability			
Technician (Print): Dale:	- 110		spection,	Reviewed by Client (Pri		Date:	
Shannon Fulgham 3/1	1/21 Travel Miles		eporting & Total Hour ministration	* KODERT	- VANAL	3/7/21	
Certification level: AWS CWI 1: ACCP UT Level II	5030031 197199 80	2	10 12	Client signature:			
Technician Signature:		Shannon R CWI 1503 QC1 EXP	Fulgham 10031 3/1/2021				

shannon@legacyinsp.com



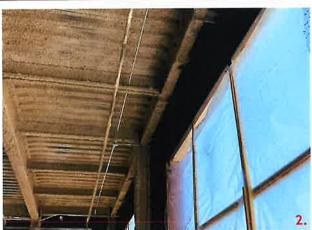
Client: Burns Cooley Dennis, Inc.		Report # BCD-C	BH-016	Job Location: Work Order / Project No: / 170340-4		
PO Box 12828 Jackson, MS 39236		Page 3	of 10	Procedure Specification / Quality Require AWS D1.1 2015 / A		
Contact:		Area Inspecte	d:	Reference Code:		
Randy Ahlrich, Ph.D., P.E. South S		Side Precast	Panels	AWS D1.1 2015 / AISC 1	14th Edition / IBC 2012	

INSPECTION REPORT

Community Bank Headquarters



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.



Client: Burns Cooley Dennis, Inc.		Report # BCD-C	BH-016	Job Location: Work Order / Project No: Flowood, MS / 170340		
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Contact:		Area Inspected:		Reference Code:		
Randy Ahlrich, Ph.D., P.E. South S		Side Precast Panels		AWS D1.1 2015 / AISC 14th Edition / IBC 2012		

Community Bank Headquarters



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 slotled 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.



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

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







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.



Client: Burns Cooley Dennis, Inc.	Report # BCD-C	BH-016	Job Location: Work Order / Project No: / 170340-4			
PO Box 12828 Jackson, MS 39236		Page 6	of 10	Procedure Specification / Quality Require AWS D1.1 2015 / A		
Contact:			d:	Reference Code:		
Randy Ahlrich, Ph.D., P.E. South S		Side Precast Panels		AWS D1.1 2015 / AISC 14th Edition / IBC 2012		

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Panel 129-2 is connected to the slab at two connections with a PSA strap that is welded to plale 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.

Discrepancy

Date

Report Number Date Corrected Corrective action

Report Number

Date	Discrepancy	nopertion	_
	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 31 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_{\circ}	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
		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
	Date	Discrepancy				
		South Side Precast Panels				
		1st Floor			The state of the s	
1	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
1	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
1	10/7/20	Panel 243 near grid line 4 at elevation $16^{\circ}.0$ " 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			Panel 217-4 & 217-3 have been been modified with FM-11-1-	
4	10/7/20	Panel 217 at elevation 34'-0" at gnd line 6 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate, .	BCD CBH-013	2/??/?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			
1	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			
	10/7/20	3rd Floor 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		180	
	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	BCD-CBH-013			
	10/7/20	One I 4x4x3/8 angles is not installed on panel 229 at grid line 2 at	BCD-CBH-013			
1	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

Discrepancy

Date

Date	Discrepancy	
	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 1 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
2/22/2	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	
10/7/2	Near grid line 3 at elevation 66'-4" on panel 232 one connection was to be Installed as detail 07, The (F5) 6MD-350 multidirectional slotted insert was installed too high. This condition requires field modification FMO7-1, 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
2/22/2	Panel 104-2 has a connection point detailed 02 that has a 1 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
2/22/2	Panel 130-1 has a connection point detailed 02 that has a 1 HSS6x3x3/8 6 "length below the PSA strap. A FM was not provided for this connection. EOR, is this structurally acceptable?	BCD-CBH-016

Report Number Date Corrected Corrective action

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

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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. W

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.

LEGACY INSPECTION LLC

1426 N Davis Rd Bolton, MS 39041 Phone 601-503-4131 shannon@legacvinsp.com



Client:		Report#		Job Location:	Work Order / Project No:	
Burns Cooley Dennis, Inc.		BCD-CBH-015		Flowood, MS	/ 170340-4	
PO Box 12828		Page	of	Procedure Specification / Quality Requirements:		
Jackson, MS 39236		11	13	AWS D1.1 2015 / AISC 14th Edition		
Contact:		Area Inspecte	ed:	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

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 Constrution. 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) 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

EOR

- plate instead, EOR, is this structurally acceptable? (photo 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. (phote 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)

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 Reviewed by Client (Print): Inspection. Travel Miles Travel Hours Reporting & Total Hours Robber W. 1200 3/3/21 Shannon Fulgham 2/25/21 Administration Certification level: AWS CWI 15030031 Client signature: 80 2 10 12 ACCP UT Level II 197199 Technician Signature: Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021



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

Client: Burns Cooley Dennis, Inc.	Re	port # BCD-CBH-015		wood, MS	Work Order / Proje	ect No: 170340-4		
PO Box 12828 Jackson, MS 39236	Pa	ge of 13		ification / Quality Requ AWS D1.1 2015	y Requirements: .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								
		INSPECTI	ON REPORT					
		Community B	ank Headquarters					
		INSPECTIO	N NARRATIVE					
Findings:								
Area - North Side Precast Panels 2nd Floor								
1- Panel 217A-2 has a PSA insert that is inst the HSS. A field modification was not pro					each side. The PSA str	ap is welded to		
2- Panel 215-1 has two connection points the plates attached to the panel are 1/2" thic								
3- Panel 217B-3 has been been modified w plate instead. EOR, is this structurally ac			se of a L4x4x3/8 to be	welded to the structur	al steel. This connection	n has a 6x8x3/8		
4- Panel 223-1 has a load bearing point that	it has been field me	odified per FM-18.2	This connection mee	ts the requirements of	the approved FM. (pho	t o 14)		
5- Panel 217B-1 and 203B-2 have been mo 6x8x3/8 plate instead, EOR, is this struct	turally acceptable?	(photo 15-16)						
6- Panel 202-2 and 233-1 are connected to These anchors are approximately 5" fron								
7- Panels 203B-2 & 249-3, connection poin directly to the embedded plate and Struc	ts detailed 11 do no	ot have 3/8x6x6 pla	ites with slotted holes		, , ,			
3rd Floor								
1- Panel 225-2 is not connected to panel 21	19-1 as detailed on	16. This does not	meet the requirements	of the approved draw	i ngs. (photo 19) 			
2- Panel 228-1 is not connected to panel 22 into panel 228-1. The plate is welded to the condition. EOR, is this structurally accept	lhe embed plate ac							
3- Panel 229 is not connected as detailed o	" ,	ed plate was not in	stalled in the panel. A	olate has been anchor	ed to the panel. A field r	nodification was		
not provided for this condition. EOR, is the		. " '						
4- Panels 235-2 & 236-2 have several conn structurally acceptable? (photo 22)					•	•		
5- Panel 103-2 is not connected to the struc	ctural steel as detai	led on 28. This doe	es not meet the require	ments of the approved	d drawings, (photo 23)	o Be Corre		
6- Several connections detailed 11 do not h directly to the embedded plates. EOR, is	ave the 3/8x6x6 pla	ate with 13/16 x 2"	slotted hole welded to					
Comments: These test results report our findings at the tim determine the overall component quality, no gu	e of inspection and shall b arantee is made or liability	e reviewed by the client for assumed by Legacy Insp	er compliance to the project requestion LLC, for the component	uirements. Due to the limitation quality or serviceability	s of nondestructive testing in ev	aluating all of the factors tha		
Technician (Print): Date:			nspection,	Reviewed by Client (F	rint):	Deter		
Shannon Fulgham 2/25/2	Travel Miles	Travel Hours F	Reporting & Total Hours	Rosen	- vseu	3/3/21		
	30031			Client signature:				
ACCP UT Level II 1	97199 80	2	10 12	Silon orginature.				
Technician Signature:			R Fulgham					

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

LEGACY INSPECTION LLC

1426 N Davis Rd Bollon. MS 39041 Phone 601-503-4131 shannon@legacyinsp.com



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Burns Cooley Dennis, Inc.		BCD-C	BH-015	Flowood, MS	l	170340-4
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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

INSPECTION NARRATIVE

Findings:

Area - North Side Precast Panels

4th Floor

EOR

EOR

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)
- 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.**
- 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 194 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.

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 Reviewed by Client (Print): Inspection, Dale 3/3/21 Reporting & Administration Travel Miles Travel Hours Total Hours FUBERT VARNOL Shannon Fulgham 2/25/21 Certification level: AWS CWI 15030031 Client signature: 80 2 10 12 197199 ACCP UT Level II Technician Signature: Shannon R Fulgham CWI 15030031 QC1 EXP. 3/1/2021



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Progress as of 1/19/2021

FM-18.3 modification of Panel 210-2







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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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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INSPECTION REPORT

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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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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.



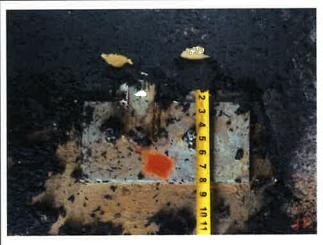


Panel 217B-1 and 203B-2 have been modified with FM-11_1. This detail requires the use of a L4x4x3/8 to be welded to the structural steel. This connection has a 6x8x3/8 plate instead.



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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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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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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



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

		Discrepancy	vehour unumper	Date Corrected	Corrective action	Report Num
		North Side Precast Panels				
		1st Floor				
2/22		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	2/21	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	2/21	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	2/21	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	2/21	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			Ø
2/22	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	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	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	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	22/21	Panel 225-2 is not connected to panel 219-1 as detailed on 16.	BCD-CBH-015			
2/22	22/21	Panel 228-1 is not connected to panel 223-1 as detailed on 16.7 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			
2/2	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			
2/2	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			
2/2:	22/21	Panel 103-2 is not connected to the structural steel as detailed on 28	BCD-CBH-015			
	22/21	Several connections detailed 11 do not have the $3/8x6x6$ plate with $13/16 \times 2^{\prime\prime\prime}$ 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			
2/2.						
2/2						
2/2						
2/2						
2/2:						

	Date	Discrepancy	Report Number	Date Corrected	Corrective action	Report Number
		and on				
171	2/22/21	4th Floor 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			
C	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			
D	2/22/21	Roof 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			
0	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	BCD-CBH-015			
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BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office

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Post Office Box 12828 Jackson, MS 39236

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Materials Laboratory

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Memorandum

To:

Community Bank Headquarters

140 East Metro Drive

Flowood, Mississippi 39232

Attn:

Jim White

From:

Robert Varner, P.E. M Allirch

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)?
- In 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).
- 1. 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 1426 N Davis Rd Bollon, MS 39041 Phone: 601-503-4131 s.fulgham@legacyinspection.org



Client: Burns Cooley Dennis, Inc.		ort # BCD-CBH-013	Job	Location:	ood, MS	Work Order / Proj	ect No: 170340-1
PO Box 12828	Pag		Proc		cation / Quality Requi	rements:	170340-1
Jackson, MS 39236		1 10				AISC 14th Edition	
Contact:	Area II	nspected:	Refe	rence Code:			
Randy Ahlrich, Ph.D., P.E.	South Side F	Precast Panels		A	WS D1.1 2015 / AISC	14th Edition / IBC 2	2012
		INSPECTI	ON RE	PORT			
		Community Ba	ank Head	iquarters			
		INSPECTIO	N NARR	ATIVE			
On October 7, 2020 I, Shannon Fulgharn, Clay, project manager for Fountain Constru						ual inspection, I met	with Mr. Robert
Documents Reviewed: Structural plans and shop drawings							
Items Inspected: 1- Welded and bolted connections.							
2- Unless noted in this report, previously n	noted discrepancies ha	ave not been corre	ected at thi	s time.			
Findings:							
Area - South Side Precast Panels 1- Welded connections							
a Several welded connections of the connections. The slag should be ren					dition does not allow f	or proper examination	n of welded
b Panel 217 at elevation 20'-0" at grid					alianment of the embe	ed plate. This connect	tion does not meet
the requirements of the approved dr			2 01 011 011	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ang.mont of the office	plater time comme	
- c. Panel 211B has a plate anchored to			late and th	ne 6" PSA stra	p. This connection is	not connected as det	ailed on the
approved drawings: EOR, is this strudy. d. Panel 243 near grid line 4 at elevation.			.4	C!! DC A -4	FOR is this standard	-th 4 - b - 0 /- b -	t- 4)
							•
e. On panels 239 and 240 below eleva panels. EOR, is this structurally according		nu imes 4 and 5, p	nates and	angles were t	iseu as spaceis to ac	nieve trie desired plat	cement of the
f. Panel 242 between grid lines 5 and acceptable? (photo 7)		as two connection	ns with ang	iles welded to	the plate and the 6" I	PSA strap. EOR, is th	is structurally
g. Panel connections of 210 and 219 a locations. EOR, is this structurally ac		rid line 7 are skew	ed. The co	onnections ha	ve 6" of 1/4" fillet weld	on the plate but not	in the detailed
h. Panel 217 at elevation 34'-0" at grid the requirements of the approved dr		3/8 that is installed	l at an ang	le due to mis	alignment of the embe	ed plate. This connect	iion does not meet
i, Both panels 217 at elevation 34'-0" i EOR, is this structurally acceptable?		have L4x4x3/8 tha	at are weld	ed with 6" of	1/4" fillet weld to the b	eam but not in the de	tailed locations
j Panel connections of 247 and 223 a connections do not meet the require							
·		0 11	·			-	
Comments: These test results report our findings at the ti- determine the overall component quality, no g						of nandestructive testing in e	valuating all of the factors
Technician (Print): Date:		lr.	nspection,		Reviewed by Client (Pri	nt):	T _D , i.e.
Shannon Fulgham 10/9	7 Travel Miles	Travel Hours R	eporting & ministration	Total Hours	RC AW	rich	10 12 20
Certification level: AWS CWI 15	030031				Client signature:		
ACCP UT Level II	197199 80	2	8	10			
Technician Signature:	_	Shannon R Fu CWI 1503003	lgham		11	All: 1	
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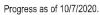
Client:		ort#		_ocation:		Work Order / Proje	ct No: 170340-1
Burns Cooley Dennis, Inc. PO Box 12828	Page	BCD-CBH-01: of			ood, MS ation / Quality Require	ements:	170340-1
Jackson, MS 39236		2	10		AWS D1.1 2015 / AISC 14th Edition		
Contact:	Area Ir	spected:	Refe	rence Code:			
Randy Ahlrich, Ph.D., P.E.	South Side F	recast Panels	3	Α'	WS D1.1 2015 / AISC	14th Edition / IBC 20)12
		INSPEC	TION RE	PORT			
		Community	Bank Head	Iquarters			
		INSPECT	ION NARR	ATIVE			
Findings: Area - South Side Precast Panels 1- Welded connections k. Panel 217 at elevation 34' 0" at grid I the requirements of the approved dra I. L4x4x3/8 angels at elevation 49'-4" a (photo 13) m. The P7 plate is missing from panel 2: modification FM18-7 was used at this the vertical leg of the 3/4x8"x1'-4" pla n. One L4x4x3/8 angles is not installed (photo 15) O. Near grid line 3 at elevation 66'-4" on too high. This condition requires field is HSS4x4x3/8" and is welded as det 2- Bolted connections a. Panel 247 at grid line 4 has two HSS 3/4 threaded rods at this connection. b. Panel 246 at grid line 5 has one HSS	re welded with 6" of 28 at grid line 3 at else tocation. The 3/4x8' to and do not have a con panel 229 at grid panel 232 one conn modification FM07-1 ail 27. EOR, is this s' 6x3x3/8 and p7 plate This does not meet to	1/4" fillet weld evation 49'-4" 'x1'-4" plate to 1" return. Thi line 2 at eleval ection was to I 1. The HSS instructurally access bolted throug the requiremer	Eield modifice both 1/2"x12" a connection tion 49" 4". The be installed at talled at this I eptable? (pho h the panel ents of field mo	ation FM18-4 vix1-4" plates is dees not meet is connection as detail 07. The ocation is not to 16) dge. The lower diffication FM1	etailed locations, EOF was installed improper s not welded as detail the requirements of t does not meet the rec e (P5) 6MD-350 multio the size noted on the t r connection at approx 8-3. (photo 17)	R, is this structurally active and subsequently and subsequently and the edition of the experience of	bandoned, Field ennection are en is (photo 14) eved drawings. It was installed installed material
modification FM18-3, (photo 18) <u>c. Connection of panel 223 and 228 at a drawings</u> (photo 19)							
Comments: Those test results report our findings at the tin determine the overall component quality, no gu	ne of inspection and shall be parantee is made or liability a	reviewed by the clie ssumed by Legacy I	nt for compliance t nspection LLC. for	o the project require the component qua	oments. Oue to the limitations illty or serviceability	of nondestructive testing in evi	aluating all of the factors
Technician (Print): Date: Shannon Fulgham 10/9/	Travel Miles	Travel Hours	Inspection, Reporting & Administration	Total Hours	Reviewed by Client (Pri	nt):	Date
	97199 80	2	8	10	Client signature:		
Technician Signature:	€ (A)	Shanno CWI 1 QC1 E	n R Fulghan 5030031 XP. 3/1/202	1			



Client: Burns Cooley Dennis, Inc.		Report # BCD-C	BH-013	Job Location: Work Order / Project No: Flowood, MS / 17034		
PO Box 12828 Jackson, MS 39236		Page 3	of 10	Procedure Specification / Quality Require AWS D1.1 2015 / A		
Contact:		Area Inspected:		Reference Code:		
Randy Ahlrich, Ph.D., P.E. South		Side Precast Panels		AWS D1.1 2015 / AISC 14th Edition / IBC 2012		

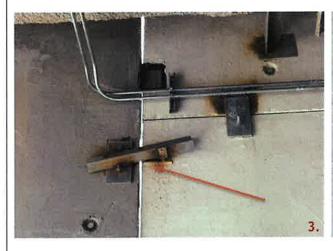
Community Bank Headquarters



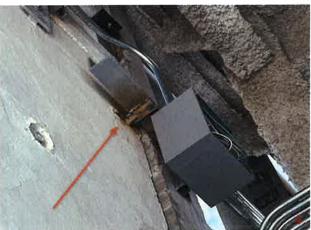




Panel 217 at elevation 20'-0" at grid line 3 has one L4x4x3/8 that is installed at an angle due to misalignment of the embed plate.



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.



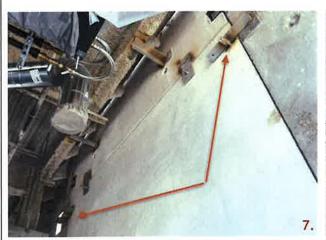
Client:		Report #		Job Location:	Work Order / Project No:	
Burns Cooley Dennis, Inc.		BCD-CBH-013		Flowood, MS	/ 170340-1	
PO Box 12828		Page of		Procedure Specification / Quality Requirements:		
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On panels 239 and 240 below elevation 20'-0" between grid lines 4 and 5, plates and angles were used as spacers to achieve the desired placement of the panels.







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

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PO Box 12828		Page of		Procedure Specification / Quality Requirements:		
Jackson, MS 39236		5 10		AWS D1.1 2015 / AISC 14th Edition		
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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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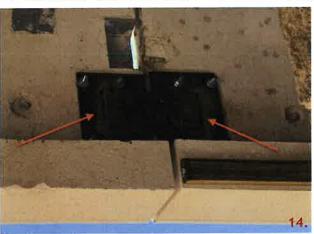
Client: Burns Cooley Dennis, Inc.		Report # BCD-C	BH-013	Job Location: Work Order / Project No: 170340-1		
PO Box 12828 Jackson, MS 39236		Page 6	of 10	Procedure Specification / Quality Require AWS D1.1 2015 / A		
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INSPECTION REPORT

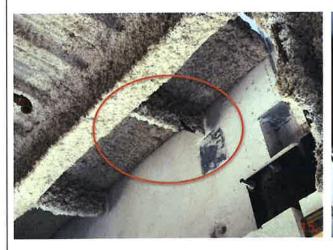
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L4x4x3/8 angels at elevation 49'-4" are welded with 6" of 1/4" fillet weld to the beam but not in the detailed locations.



The P7 plate is missing from panel 228 at grid line 3 at elevation 49 $^{\circ}$ -4 $^{\circ}$. 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



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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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 be	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
y	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
1	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
1	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
1	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
1	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
1	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
1	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, $% \left(\frac{1}{2}\right) =0$	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
1	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
1	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
1	5/1/20	Decking is only partially welded to the W14x22 beams near grid line $8 \ ^{\circ}$	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
1	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
1	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
1	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
1	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

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, $ \frac{1}{2} \frac{1}{2}$	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 $34^{\circ}.0^{\circ}$ 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









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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.

NOTICE: External Email - Sender is earl.shimp@gmail.com - Please be cautious when opening links or attachments in email.

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.

ELECTRICAL - MECHANICAL SHEET METAL - EQUIPMENT SETTING GENERAL CONSTRUCTION

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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