

Request For Information

Submitted By: Aaron Chamberlain

Title: CSII

Region: III

Institution: CIM

Project Name: Replace Roofs (Program Phase 1 - 4)

Title: Roof Replacement - Phase 1 Facility B

RFI#: 014

Date: 4/7/2026

Needed By: 4/21/2026

CCM Proj. # I-001123

A/E Proj. # 22-090



RFI Description – Correctional Construction Mentorship Program (CCM)

CCM Field Request to use attached Balco Expansion Joint System. Attached Balco shop drawings shows Metablock installed concrete substrate to concrete substrate. Detail A3.1-1 does not show Metablock. Details A3.1 -2,3,4 show meta block placed between FTD lumber and concrete substrate. RFI 013 Response clarified UL Listings, Balco systems complies with UL Listings' Field recommends using attached Balco Fire Rated System. Please Advise.

Location: Plan Set 22-090 FAC B UNIT 2

Attachments

Plan(s) Sht/Detail: CB002 A3.1 Details 1,2,3,4

Specification: CIM_PHASE 1 FINAL PROJECT MANUAL 07 95 00-1-4

Submittals: N/A

Shop Drawings: Balco Fire Rated Assembly

Product Data: N/A

Memo / Letter: N/A

Images: N/A

Other: N/A

Response To RFI – Architecture and Engineering Section

Proposed Balco Expansion Joint system is acceptable. Note that consultant details show location of fire barrier between nailer and concrete or between nailers. Per the Balco and UL system, fire barrier is to be installed between concrete elements, typical for all expansion joint conditions. Consultatant detail also specifies the depth of the fire barrier but the depth shall be per the manufacturer and UL system, typical for all expansion joint conditions. See attached SK1 for clarification. Consultant has been asked to provide corrected details as part of RFI 13 and this will be documented in a future CB.

Attachments

Plan(s) Sht/Detail: N/A

Specification: N/A

Submittals: N/A

Shop Drawings: N/A

Product Data: N/A

Memo / Letter: N/A

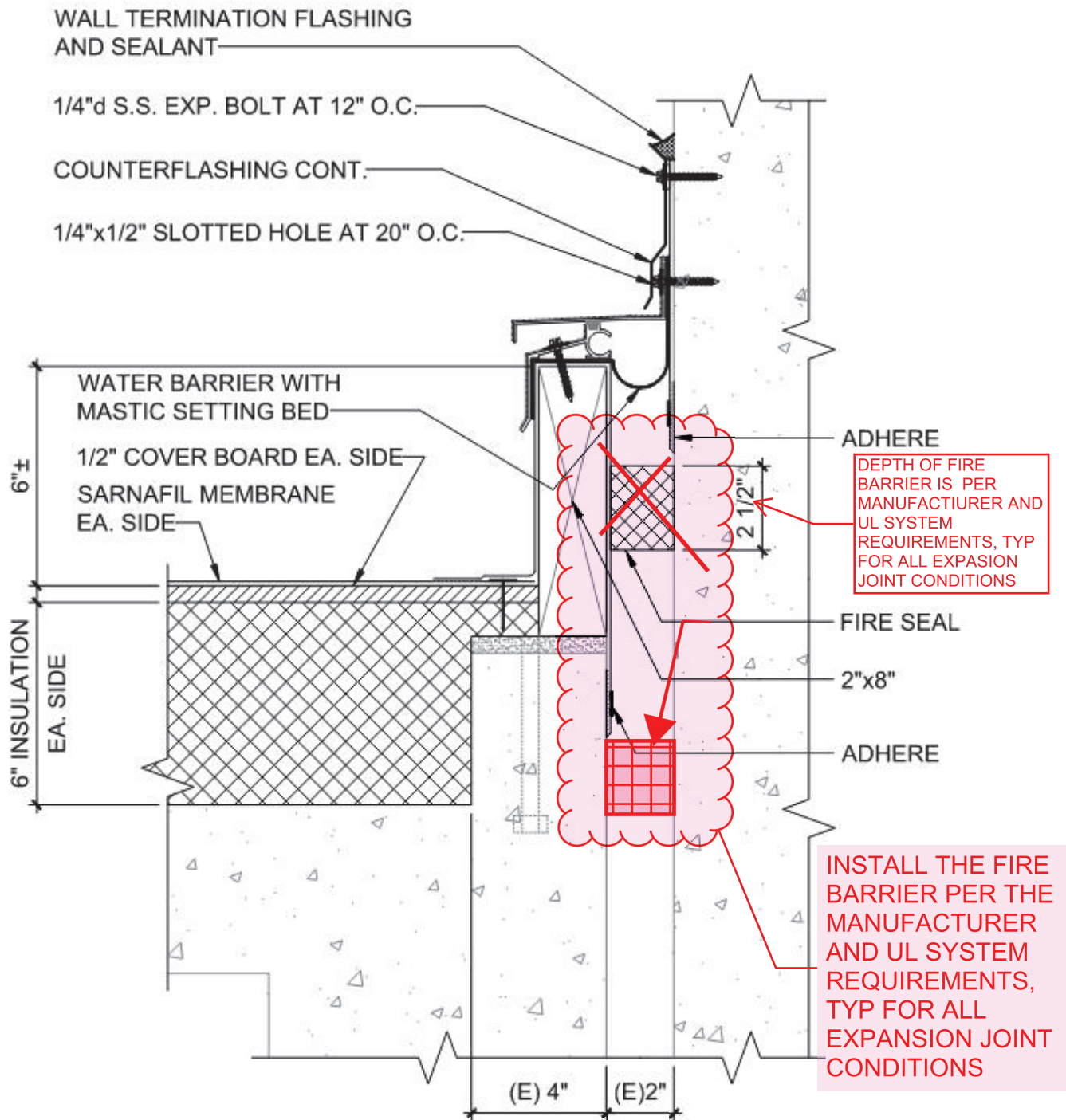
Images: N/A

Other: N/A

Response By: Eileen Tumlin, Senior Architect

Date: 4/8/2026

Timestamp of Response: [Final A/E]



4
A3.1

EXPANSION JOINT DETAIL 11

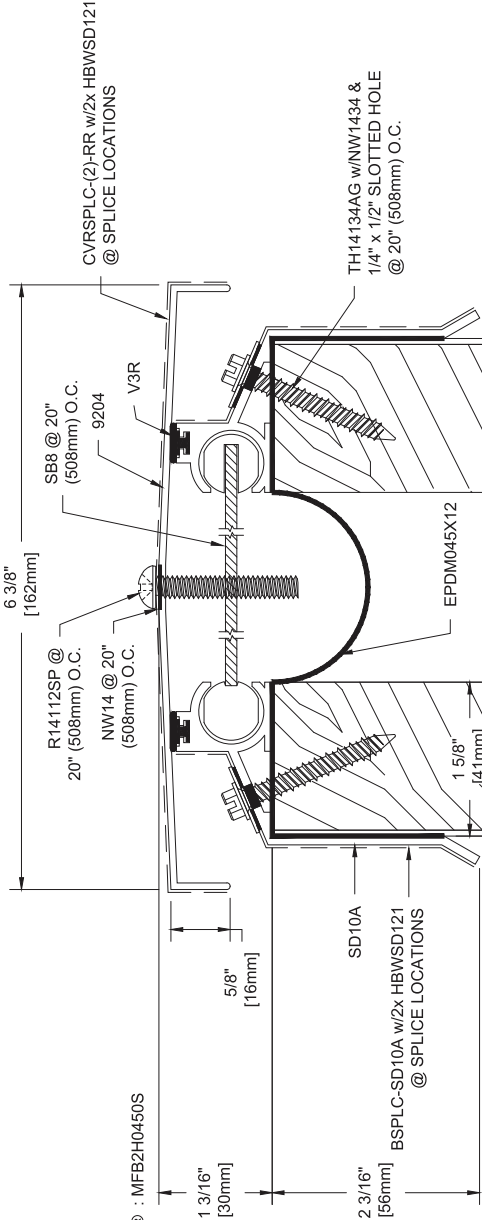
SCALE: 0 1 2 4 INCHES 8
3" = 1'-0"

22-090 CIM REPLACE ROOF - PH 1
RFI 14 - EXPANSION JOINT SYSTEM

SK1
4/8/26

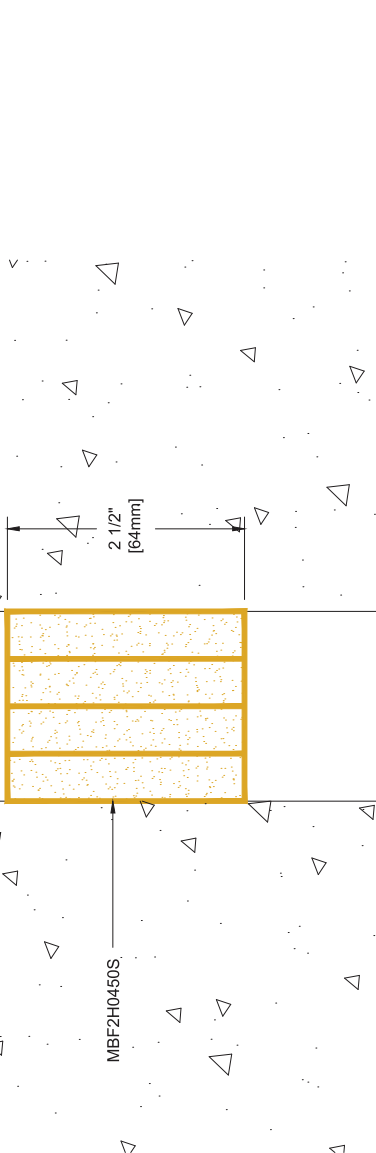
2HFR-2

ROOF TO ROOF COVER
MILL FINISH ALUMINUM COVER
MILL FINISH ALUMINUM BASE
w/45 MIL EPDM WATER BARRIER
w/2 HOUR FIRE BARRIER; METABLOCK® : MFB2H0450S
U.L. # FF-D-1071
100% MOVEMENT



NOTES:
FIRE RATING IS DETERMINED NOT ONLY BY
THE METABLOCK™ FIRE BARRIER, BUT
ALSO BY THE PERFORMANCE CAPABILITIES
OF THE SURROUNDING CONSTRUCTION

NOTE:
FOR WATER BARRIER - APPLY A
MASTIC SETTING BED, BY OTHERS



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SO#

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Qty.

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Drawn By: DEB

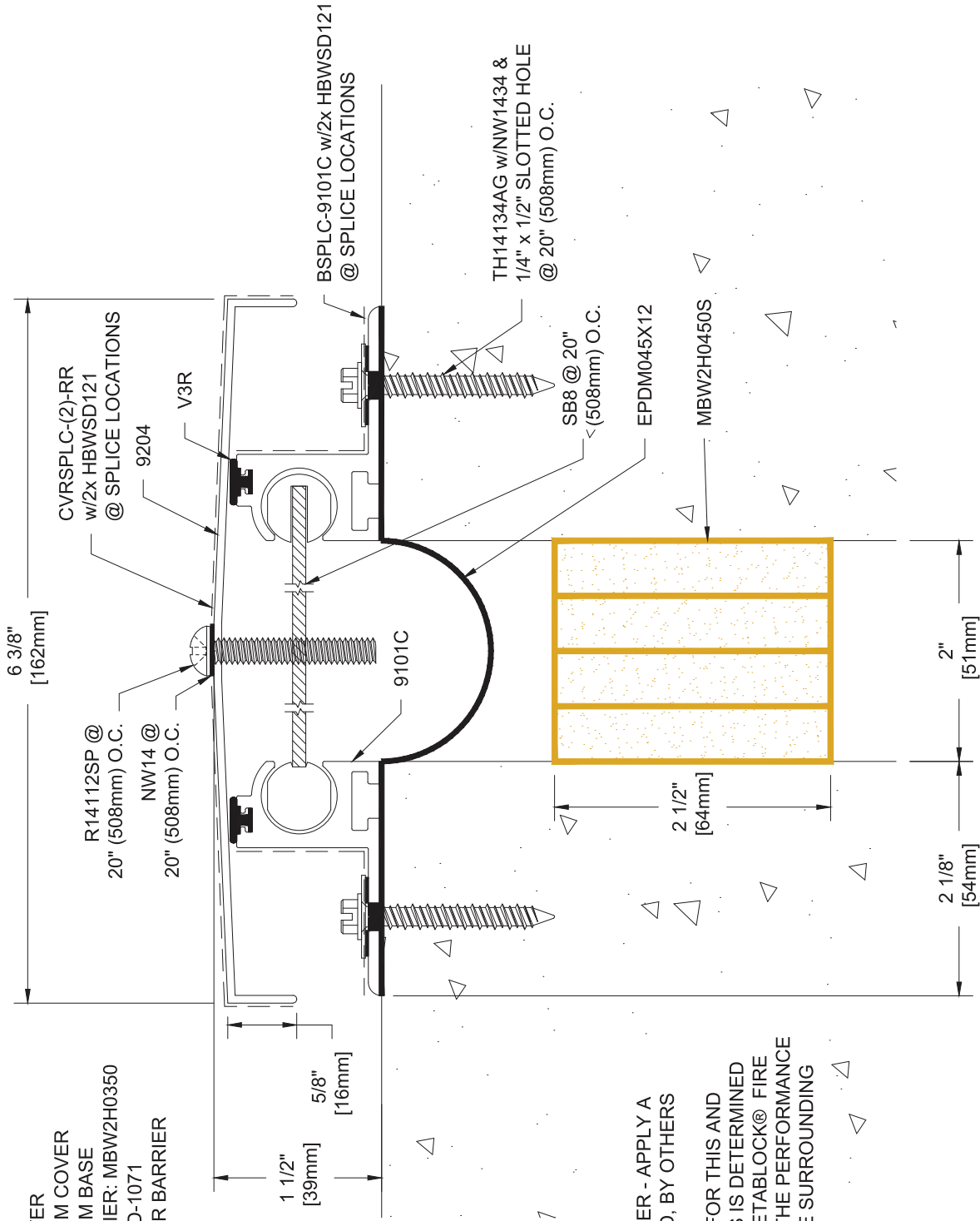


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REV. - 05/24/21

2H9W-2
 EXTERIOR WALL COVER
 MILL FINISH ALUMINUM COVER
 MILL FINISH ALUMINUM BASE
 w/2 HOUR FIRE BARRIER: MBW2H0350
 UL LISTING: WW-D-1071
 w/45 MIL EPDM WATER BARRIER
 100% MOVEMENT



- NOTES:
1. FOR WATER BARRIER - APPLY A MASTIC SETTING BED, BY OTHERS
 2. THE FIRE RATING FOR THIS AND SIMILAR CONDITIONS IS DETERMINED NOT ONLY BY THE METABLOCK® FIRE BARRIER BUT ALSO THE PERFORMANCE CAPABILITIES OF THE SURROUNDING CONSTRUCTION.



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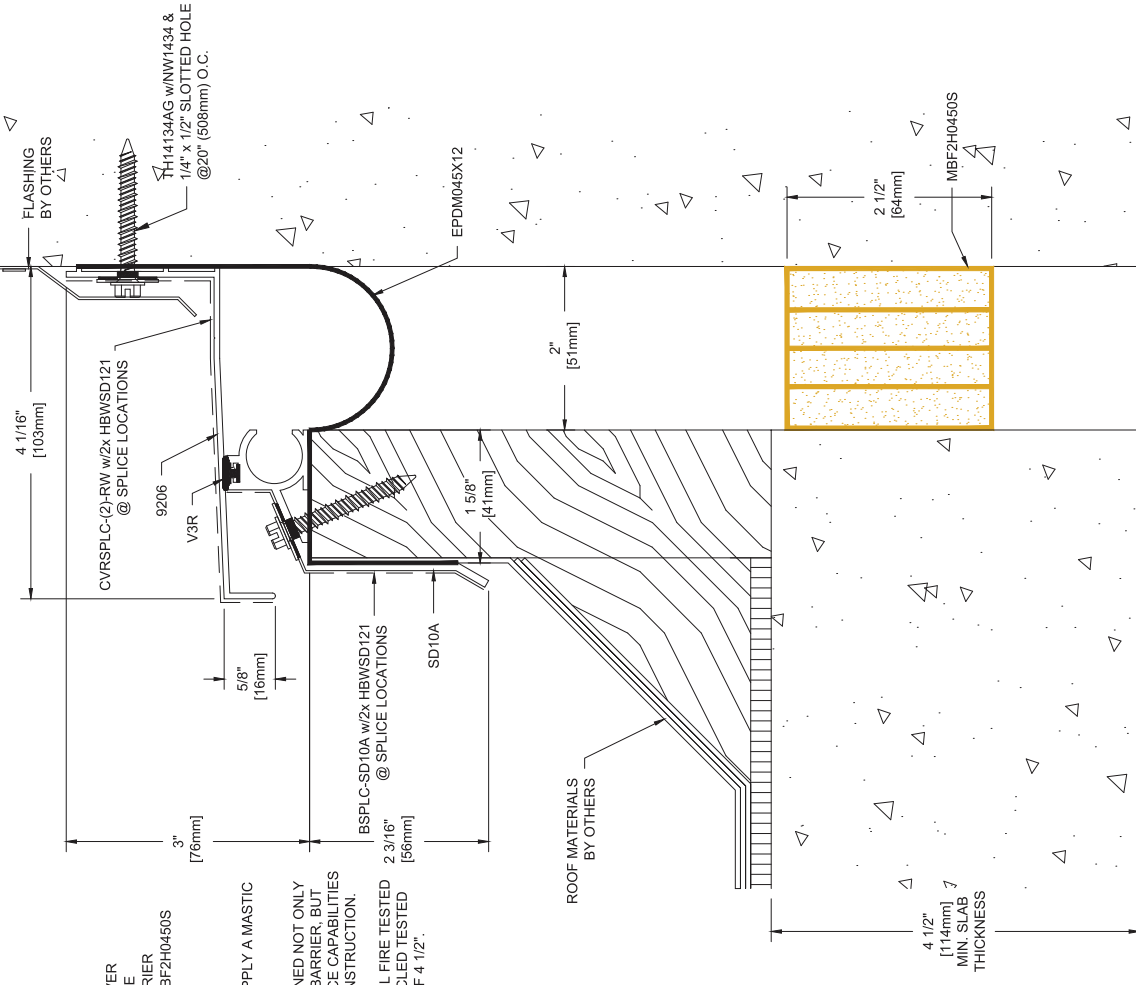
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SO#			
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2HFRE-2

ROOF TO WALL COVER
MILL FINISH ALUMINUM COVER
W/45 MIL EPDM WATER BARRIER
W/2 HOUR FIRE BARRIER: MBF2H0450S
UL LISTING: FF-D-1071
100% MOVEMENT

NOTES:

1. FOR WATER BARRIER - APPLY A MASTIC SETTING BED, BY OTHERS
2. FIRE RATING IS DETERMINED NOT ONLY BY THE METABLOCK® FIRE BARRIER, BUT ALSO BY THE PERFORMANCE CAPABILITIES OF THE SURROUNDING CONSTRUCTION.
3. MBF2H0450S HAS BEEN UL FIRE TESTED UP TO 4" AND FACTORY CYCLED TESTED FOR SEISMIC MOVEMENT OF 4 1/2".



Project:

Customer:

SO#

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Length

Qty.

Color

Drawn By: DEB



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REV. - 05/20/21