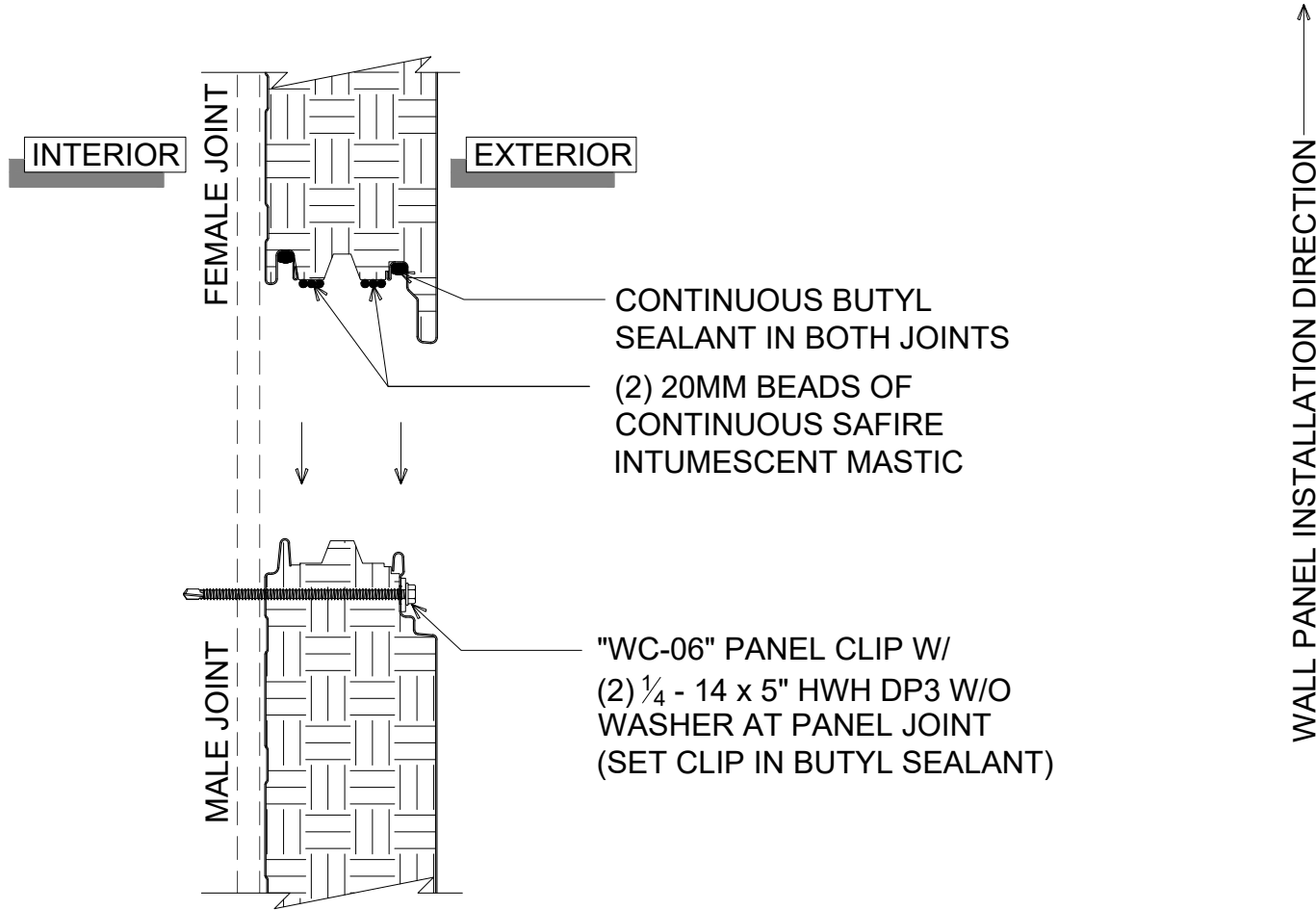


#

MW 4" EXPANDED PANEL JOINT

(SECTION VIEW)



DETAIL:

PANEL JOINT - 4" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-P-J-010 - 4

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SHEET:

DATE:
10/04/23

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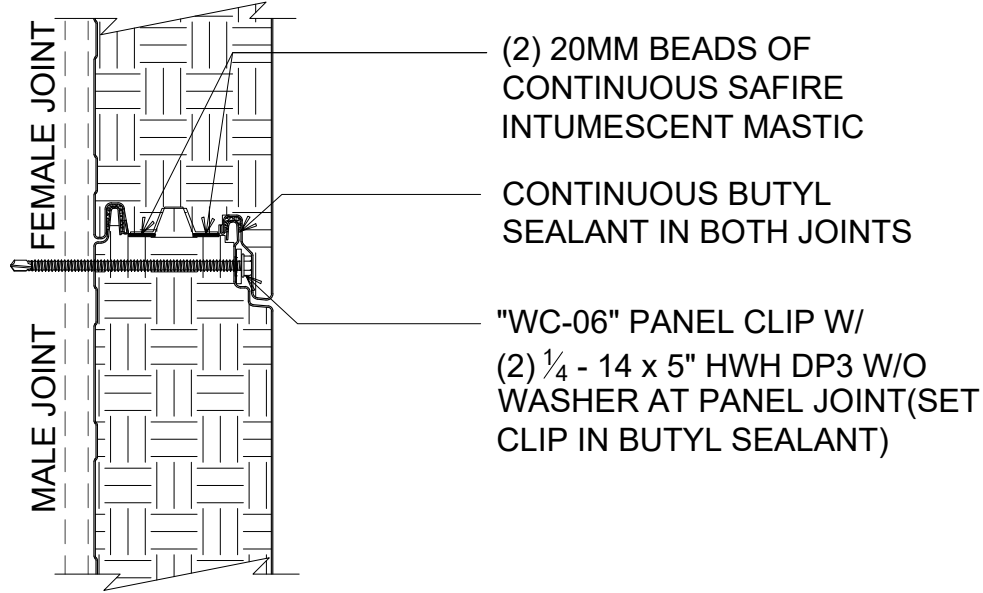
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OF 1

#

MW 4" ENGAGED PANEL JOINT

(SECTION VIEW)



WALL PANEL INSTALLATION DIRECTION →

DETAIL:

PANEL JOINT - 4" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-P-J-010_4E

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10/04/23

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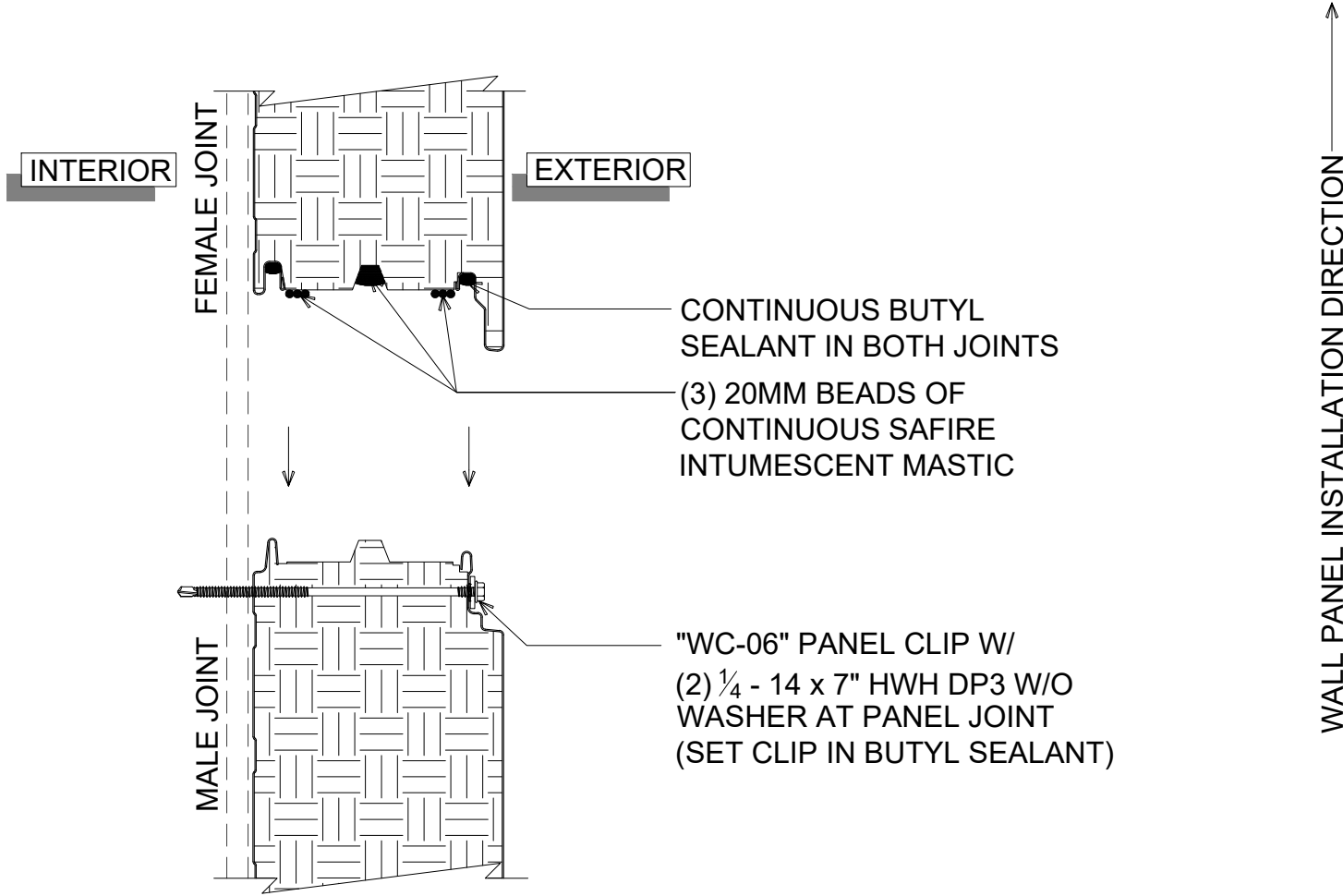
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#

MW 6" EXPANDED PANEL JOINT

(SECTION VIEW)



DETAIL:

PANEL JOINT - 6" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-P-J-010_6

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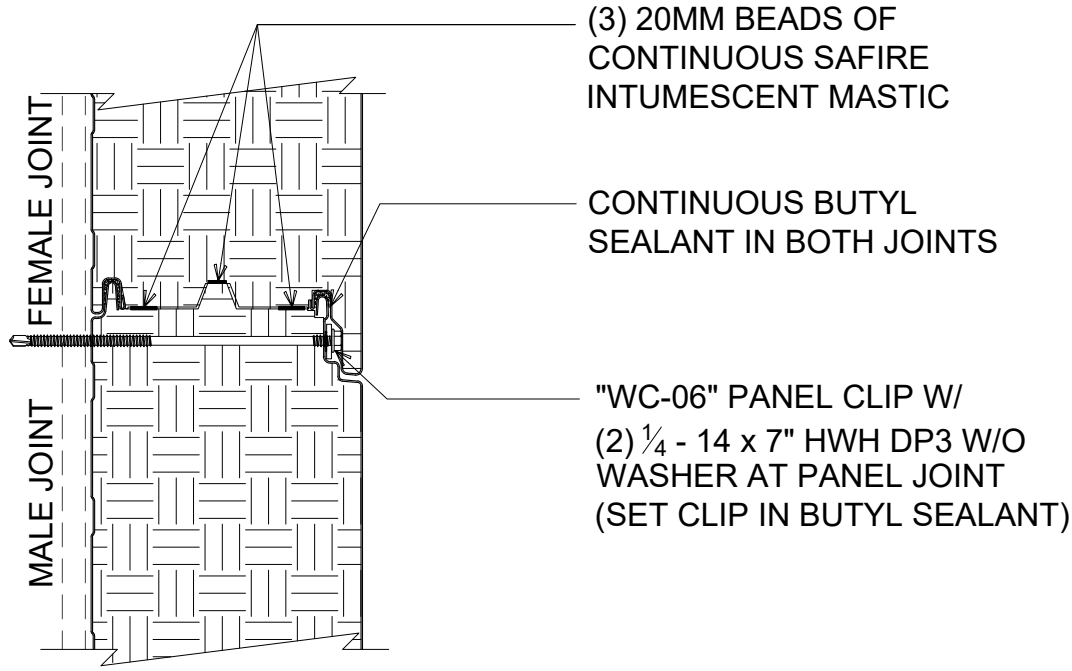
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MW 6" ENGAGED PANEL JOINT

(SECTION VIEW)



DETAIL:

PANEL JOINT - 6" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-P-J-010_6E

DATE:

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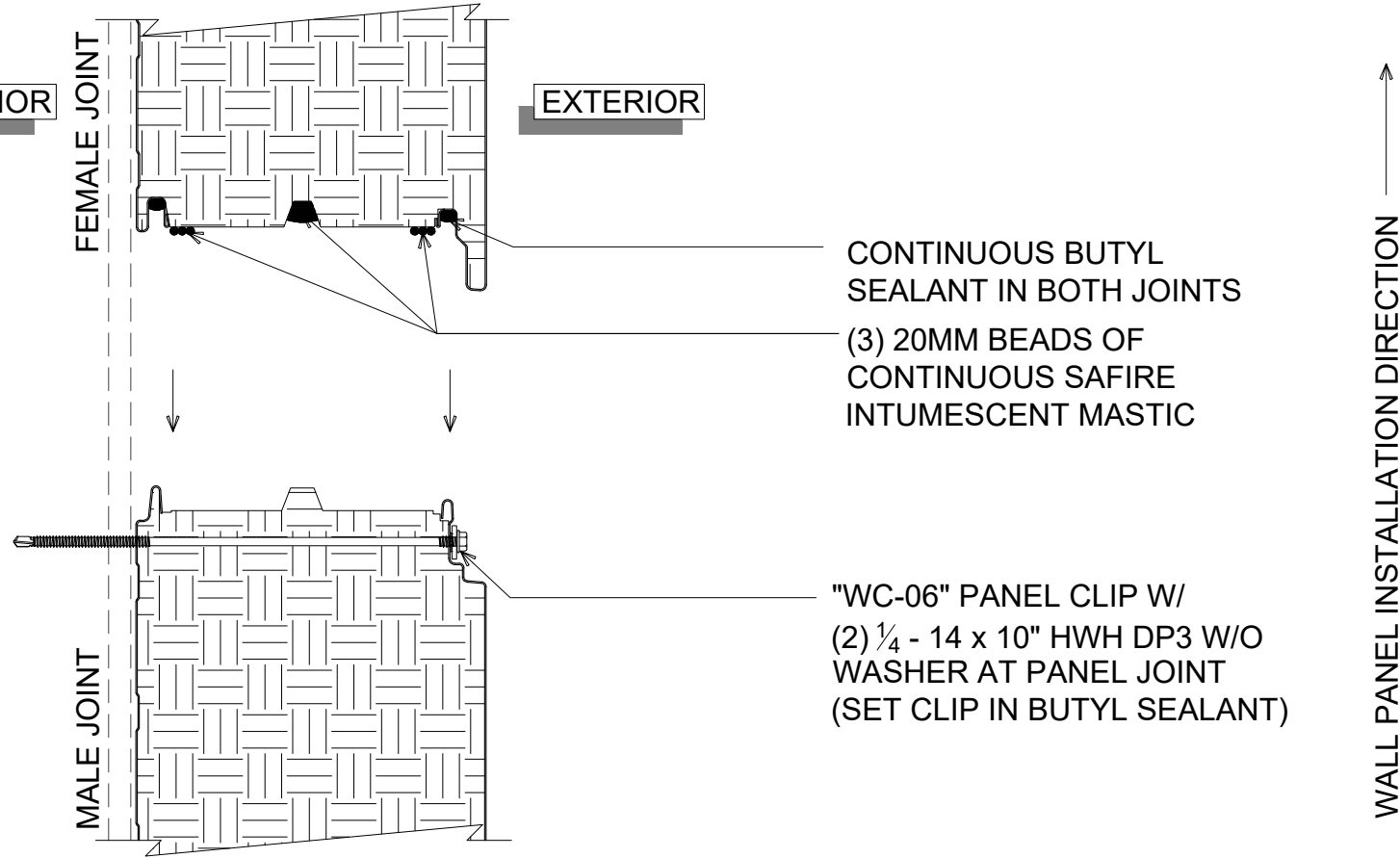
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#

MW 8" EXPANDED PANEL JOINT

(SECTION VIEW)



DETAIL:

PANEL JOINT - 8" PANEL

AWIP
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APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-P-J-010_8

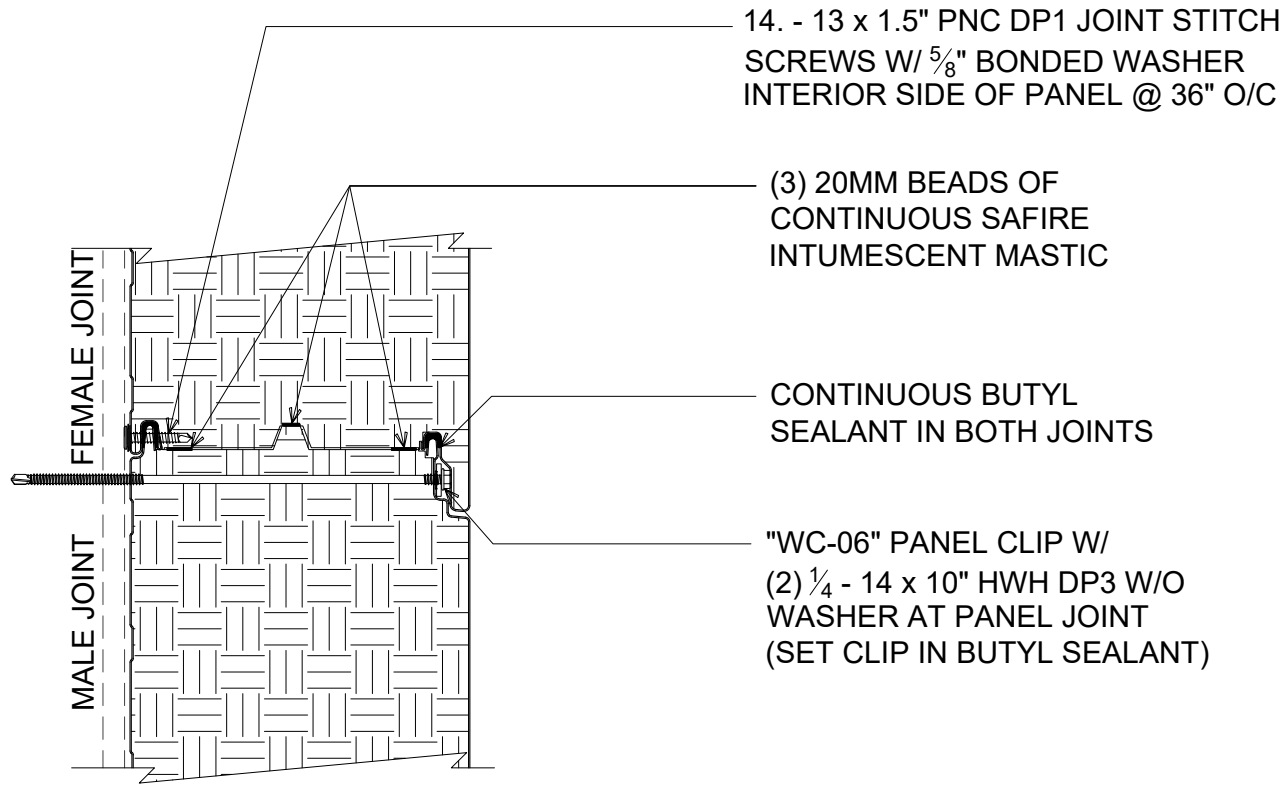
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10/04/23
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MMF

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OF
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#

MW 8" ENGAGED PANEL JOINT

(SECTION VIEW)



WALL PANEL INSTALLATION DIRECTION →

DETAIL:

PANEL JOINT - 8" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACH-PJ-010_8E

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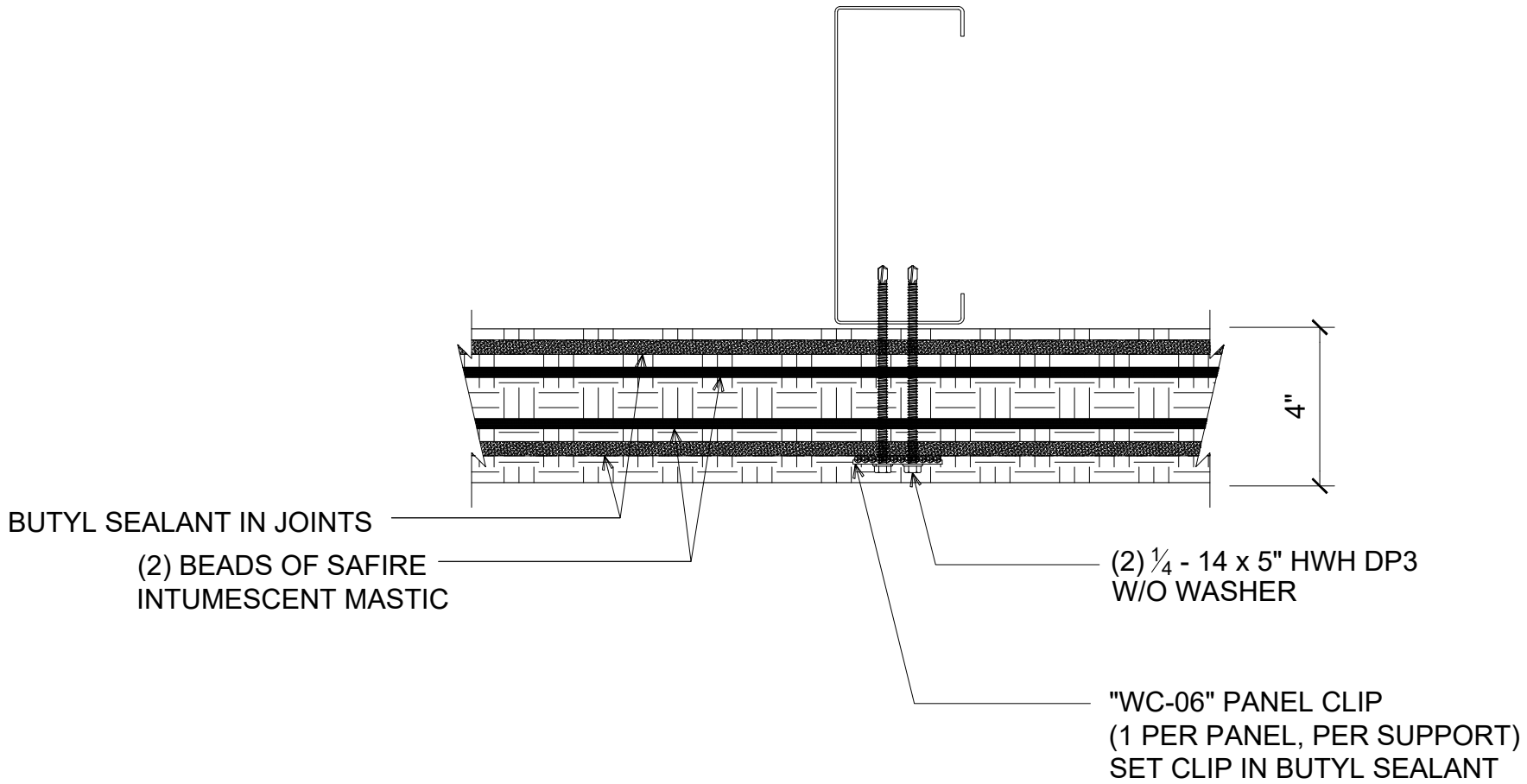
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DATE: 03/21/24

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OF 1



4" SEALANTS IN JOINT

(PLAN VIEW)

DETAIL:

PANEL JOINT - 4" PANEL

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-P-J-011-4

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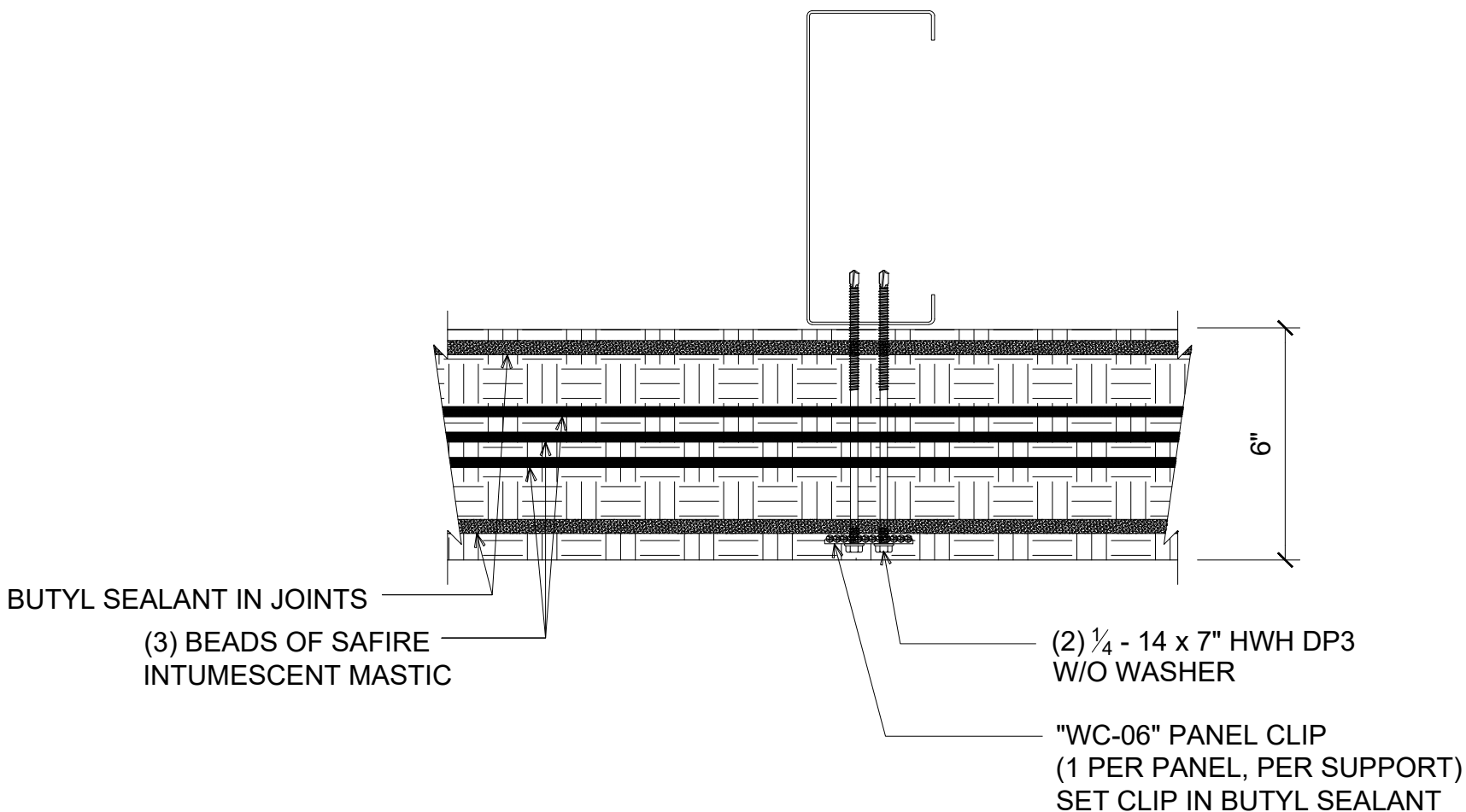


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#

6" SEALANTS IN JOINT

(PLAN VIEW)

DETAIL:

PANEL JOINT - 6" PANEL

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-PJ-011_6

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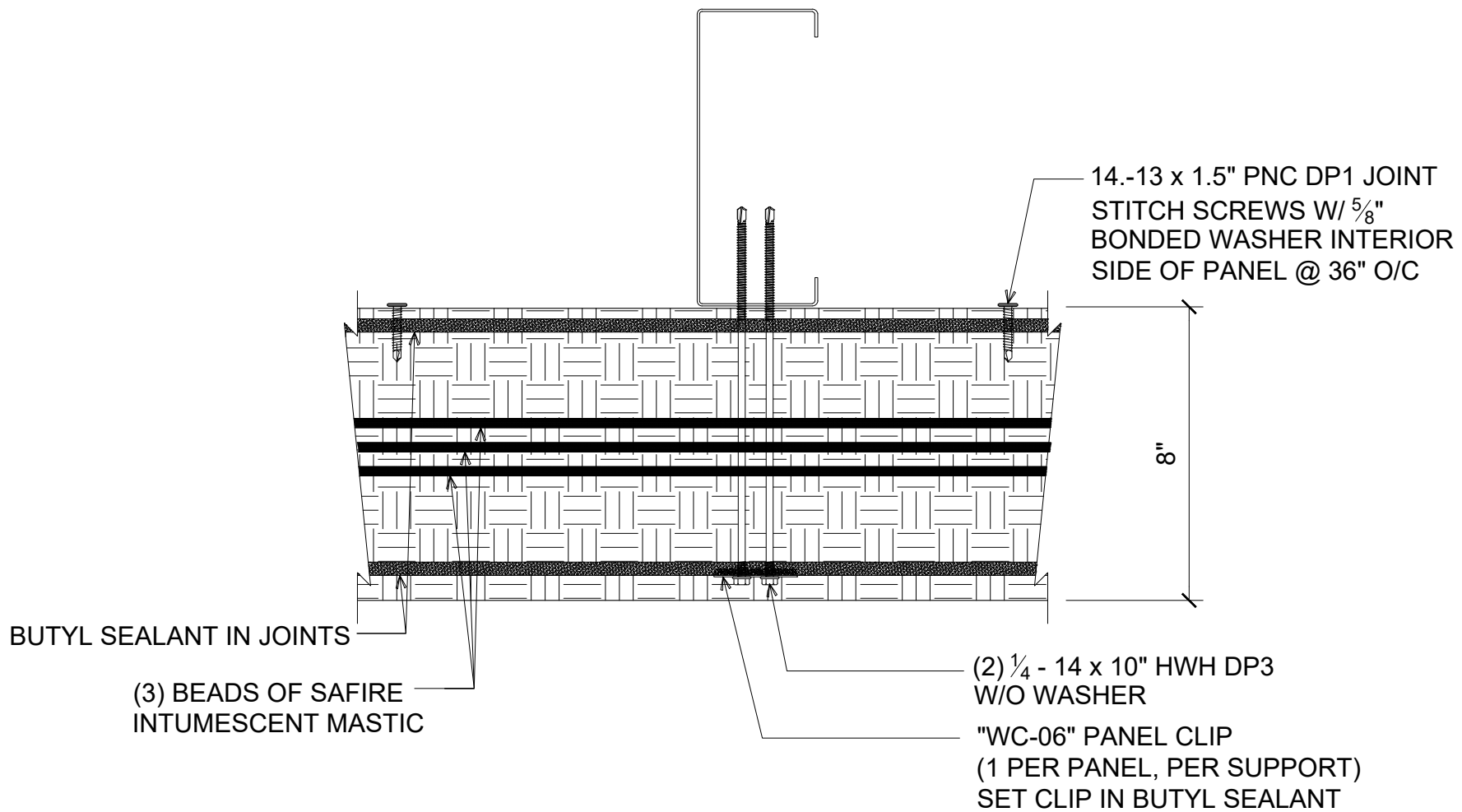
SHEET:

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10/04/23

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8" SEALANTS IN JOINT

DETAIL:

PANEL JOINT - 8" PANEL

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-PJ-011_8

DATE:

11/01/23

SHEET:

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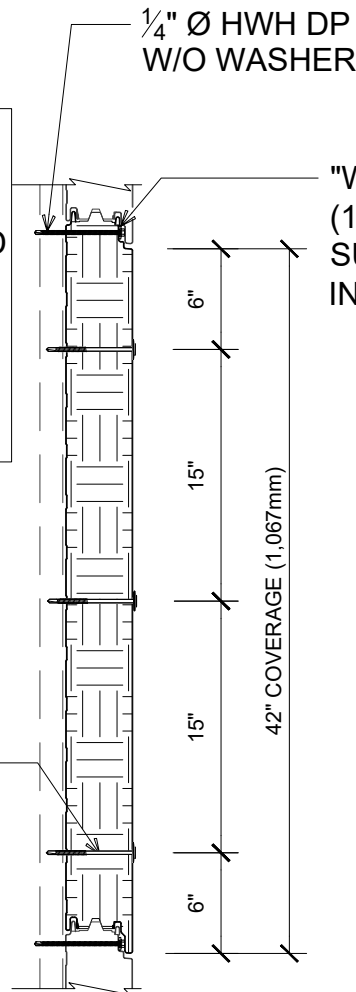
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NOTE: DIMENSIONS ARE NOT SHOWN TO-SCALE.

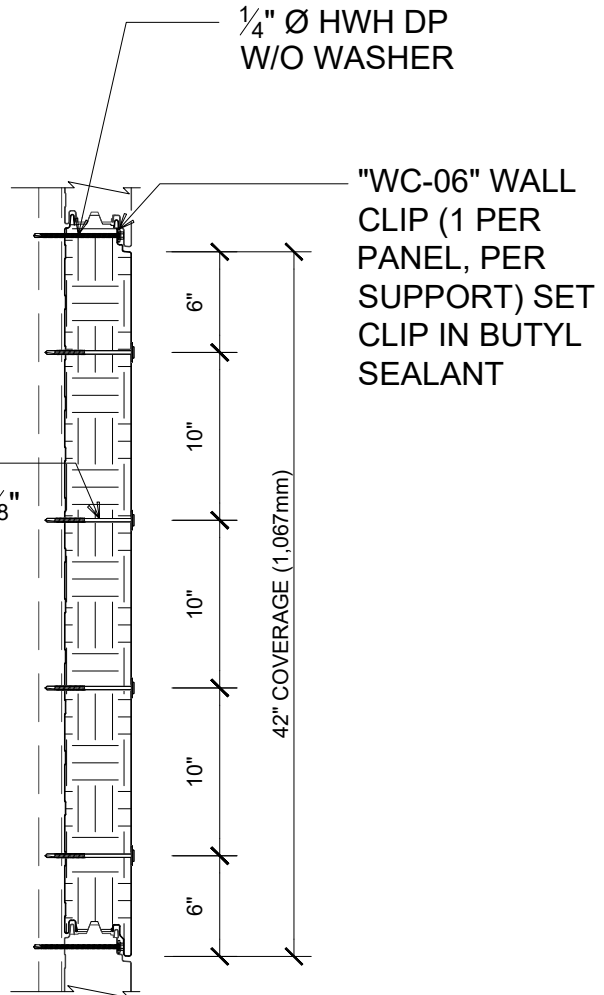
NOTE: PANCAKE HEAD FASTENERS SHOWN APPLY TO 4" AND 6" THICK PANELS. HEX HEAD THROUGH FASTENERS ARE REQUIRED FOR STRUCTURAL CONNECTION OF PANELS WITH 8" THICKNESS.

$\frac{1}{4}$ - 14 THROUGH FASTENERS W/ $1\frac{1}{8}$ " BONDED WASHER



"WC-06" WALL CLIP (1 PER PANEL, PER SUPPORT) SET CLIP IN BUTYL SEALANT

$\frac{1}{4}$ - 14 THROUGH FASTENERS W/ $1\frac{1}{8}$ " BONDED WASHER



"WC-06" WALL CLIP (1 PER PANEL, PER SUPPORT) SET CLIP IN BUTYL SEALANT

THROUGH FASTENING REQUIREMENTS
(3 - THROUGH FASTENER PATTERN EXAMPLE)

THROUGH FASTENING REQUIREMENTS
(4 - THROUGH FASTENER PATTERN EXAMPLE)

FASTENING PATTERNS (REFER TO NOTE FOR 8" THICK PANELS) (SECTION VIEW)

DETAIL:

FASTENING PATTERNS

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-FS-010

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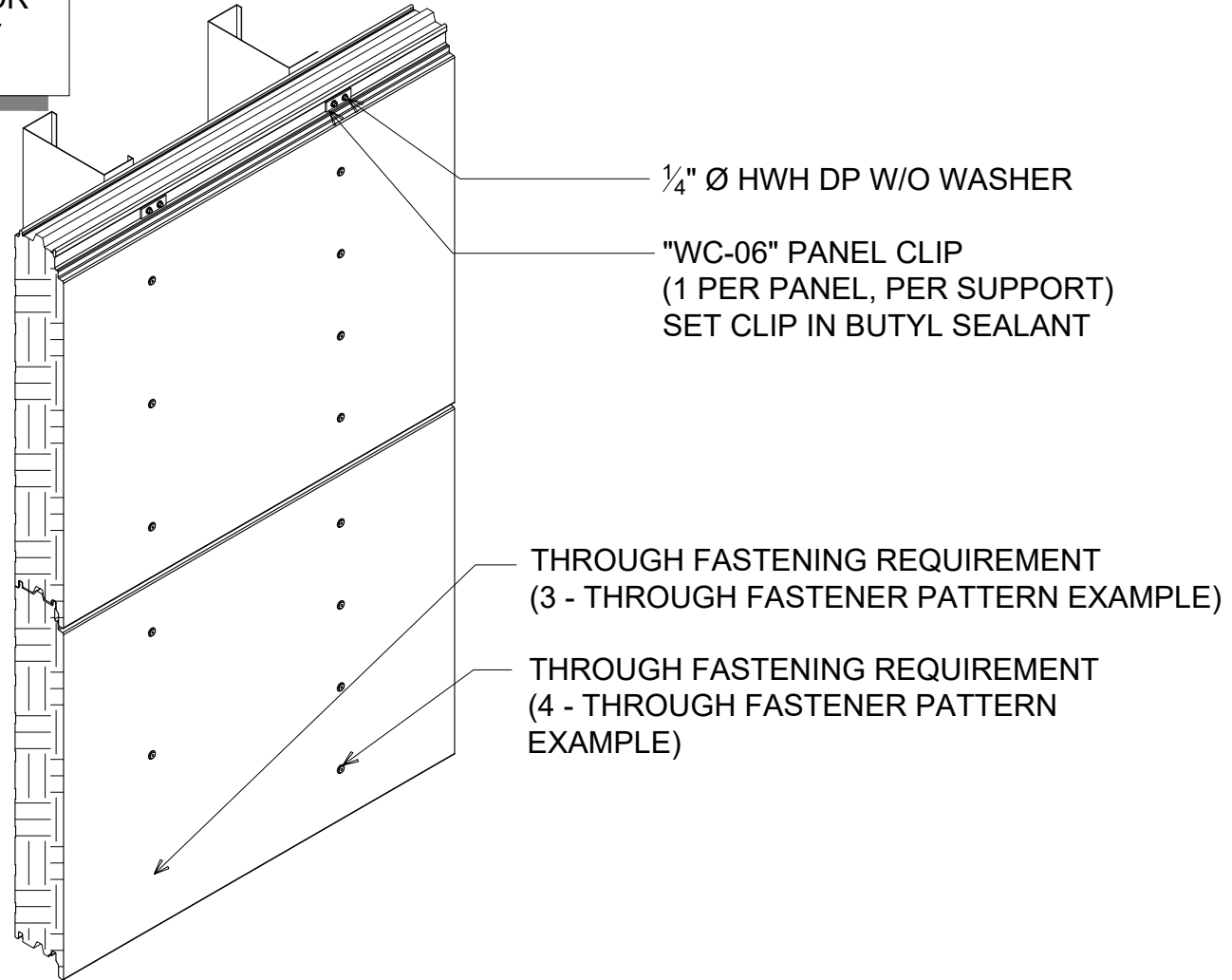
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1 OF 1

NOTE: PANCAKE HEAD FASTENERS SHOWN APPLY TO 4" AND 6" THICK PANELS. HEX HEAD THROUGH FASTENERS ARE REQUIRED FOR STRUCTURAL CONNECTION OF PANELS WITH 8" THICKNESS.



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FASTENING PATTERNS ISOMETRIC (REFER TO NOTE FOR 8" THICK PANELS)

(ISOMETRIC VIEW)

DETAIL:

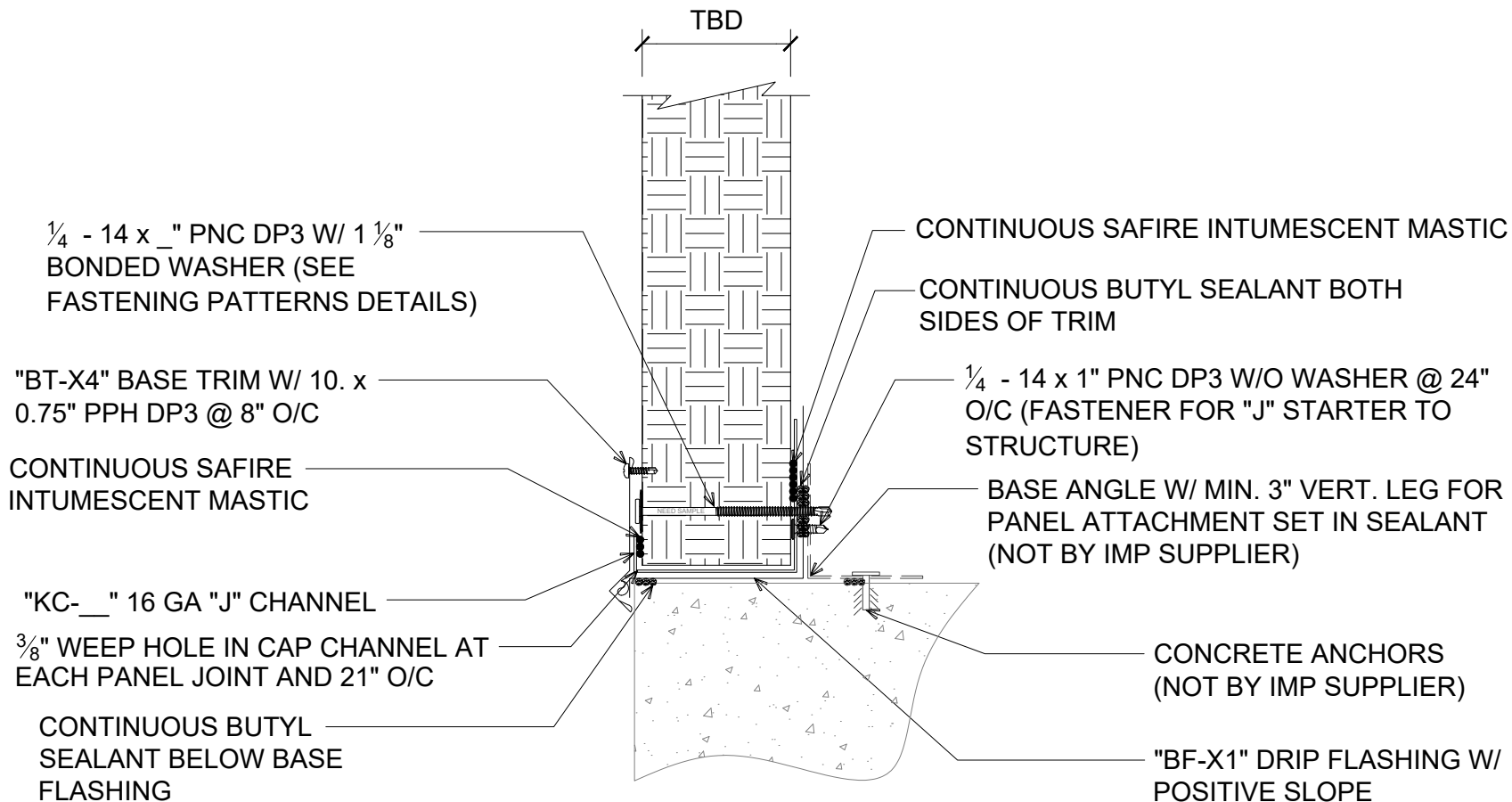
FASTENING PATTERNS

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-ISO-010

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FLUSH BASE FLAT TRIM (4" AND 6" PANELS ONLY) (SECTION VIEW)

DETAIL:

BASE CONDITION - FLAT FLUSH

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACHBC-010

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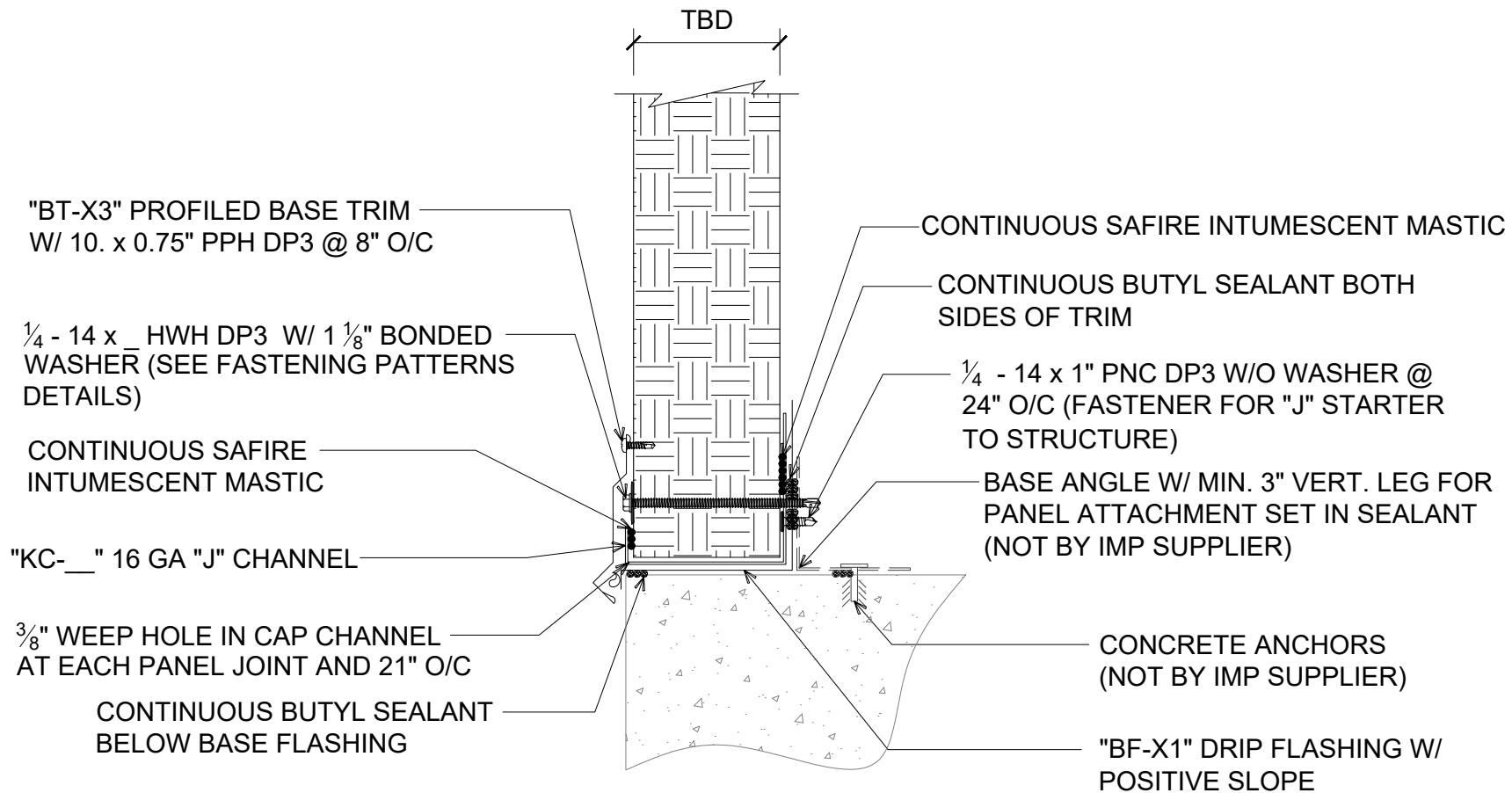
SHEET:

DATE: 04/25/24

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FLUSH BASE PROFILED TRIM (REQUIRED FOR 8" PANELS) (SECTION VIEW)

DETAIL:

BASE CONDITION - PROFILED FLUSH

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACHBC-011

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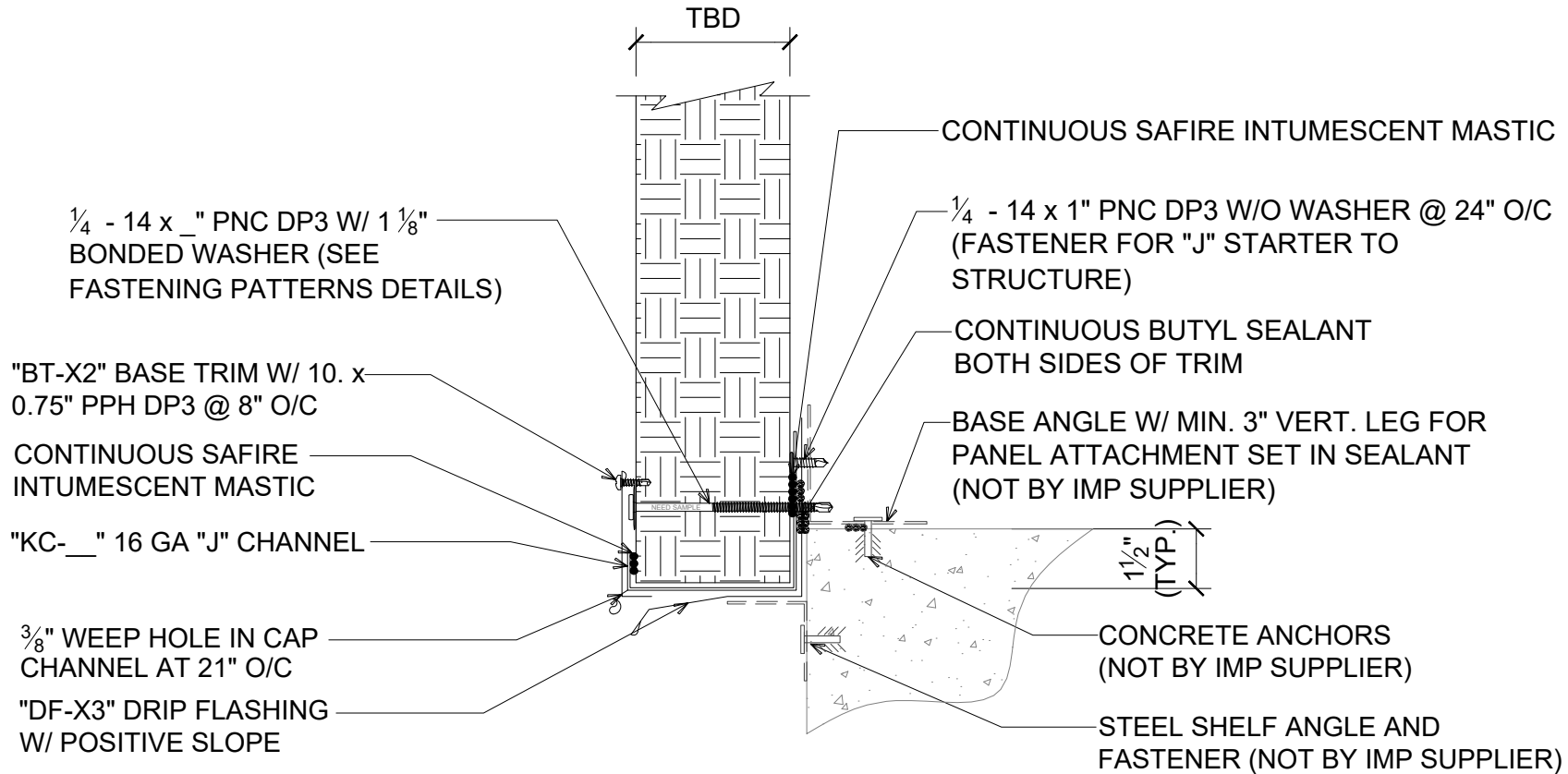
DATE:

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NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS



OVERHANG WITH BASE SUPPORT FLAT TRIM (4" AND 6" PANELS ONLY) (SECTION VIEW)

DETAIL:

BASE CONDITION - FLAT OVERHANG

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACHBC-012

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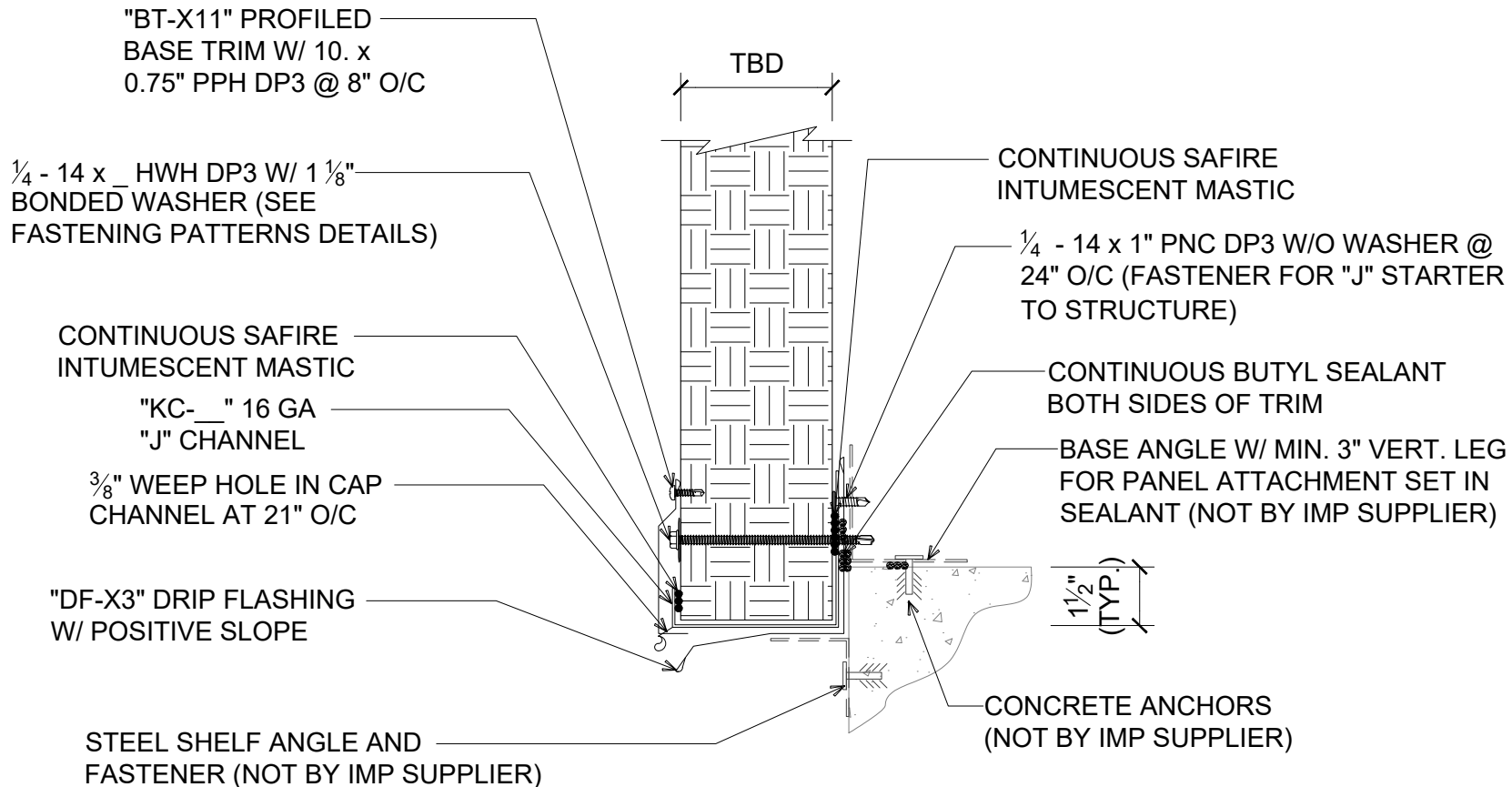
DATE: 04/25/24

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OF 1

NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS



OVERHANG WITH BASE SUPPORT PROFILED TRIM (REQD FOR 8" PANELS) (SECTION VIEW)

DETAIL:

BASE CONDITION - PROFILED OVERHANG

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACHBC-013

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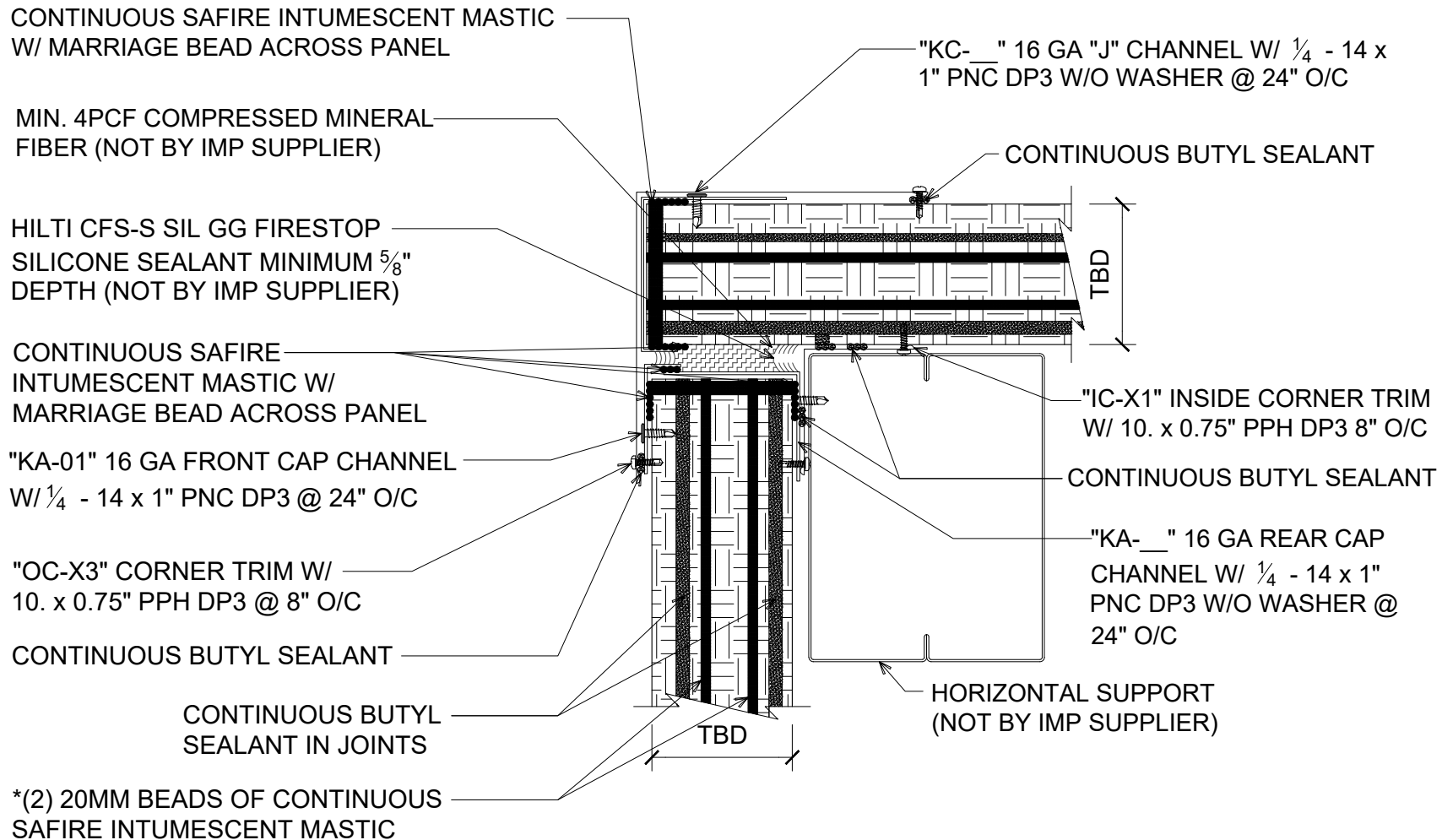
04/25/24

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*NOTE: 3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE PANEL JOINT DETAILS FOR REFERENCE)

NOTE: DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS



#J OUTSIDE CORNER @ PANEL JOINT FLAT TRIM (4" AND 6" PANEL ONLY)
(PLAN VIEW)

DETAIL:

CORNER TRANSITION - FLAT OUTSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-CT-010_J

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"KC-__" 16 GA "J" CHANNEL W/ ¼ - 14
x1" PNC DP3 W/O WASHER @ 24" O/C

CONTINUOUS SAFIRE INTUMESCENT
MASTIC

MIN. 4 PCF COMPRESSED MINERAL FIBER
(NOT BY IMP SUPPLIER)

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT MINIMUM 5/8"
DEPTH (NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE INTUMESCENT
MASTIC

"KA-01" 16 GA FRONT CAP CHANNEL
W/ ¼ - 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

"OC-X3" CORNER TRIM W/ 10. x
0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN
JOINTS AND FASTENING REQUIREMENTS

() ¼ - 14 x _" PNC DP3 THROUGH
FASTENER W/ 1 ⅛" BONDED WASHER
PER PANEL (SEE FASTENING
PATTERNS DETAILS)

CONTINUOUS BUTYL SEALANT

TBD

10. x 0.75" PPH DP3 @ 8" O/C

"IC-X1" INSIDE CORNER TRIM

CONTINUOUS BUTYL
SEALANT

"KA-__" 16 GA REAR CAP
CHANNEL W/ ¼ - 14 x 1" PNC
DP3 W/O WASHER @ 24" O/C

HORIZONTAL SUPPORT
(NOT BY IMP SUPPLIER)

TBD

#M OUTSIDE CORNER FLAT TRIM @ MID
PANEL (4" AND 6" PANEL ONLY)
(PLAN VIEW)

DETAIL:

CORNER TRANSITION - FLAT OUTSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-CT-010_M

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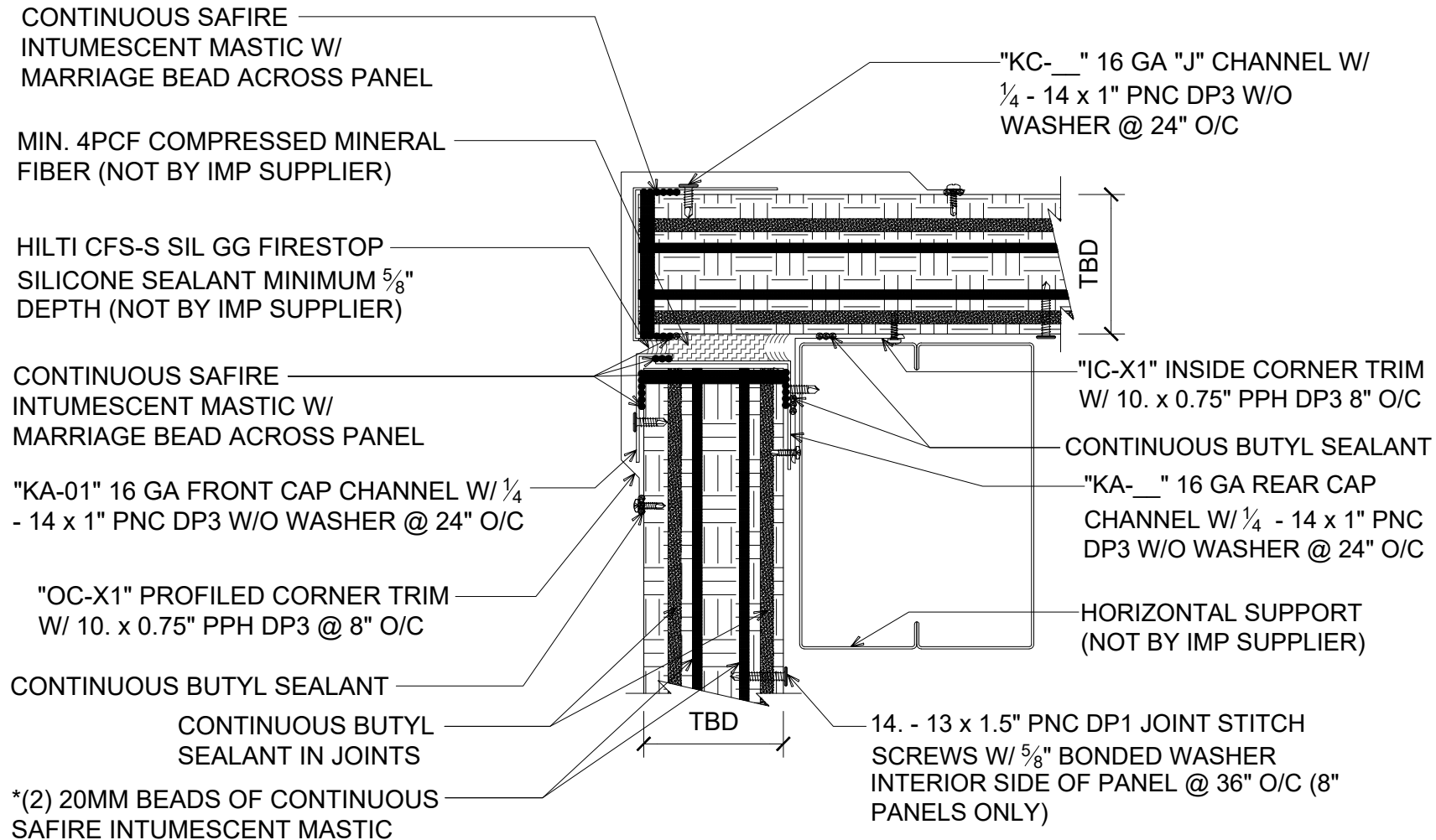
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*NOTE: 3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE PANEL JOINT DETAILS FOR REFERENCE)

NOTE: DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS



#J OUTSIDE CORNER PROFILED TRIM @ PANEL JOINT (REQUIRED FOR 8" PANEL) (PLAN VIEW)

DETAIL:

CORNER TRANSITION - PROFILED OUTSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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"KC-__" 16 GA "J" CHANNEL W/ ¼
- 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

MIN. 4PCF COMPRESSED MINERAL
FIBER (NOT BY IMP SUPPLIER)

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT MINIMUM 5/8"
DEPTH (NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

(_) ¼ - 14 x _ HWH DP3 W/ 1 ⅛"
BONDED WASHER

"OC-X1" PROFILED CORNER TRIM
W/ 10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN
JOINTS AND FASTENING REQUIREMENTS

(_) ¼ - 14 x _ HWH DP3 W/ 1 ⅛" BONDED
WASHER PER PANEL (SEE FASTENING
PATTERNS DETAILS)

CONTINUOUS BUTYL SEALANT

10. x 0.75" PPH DP3 @ 8" O/C

"IC-X1" INSIDE CORNER TRIM

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA REAR CAP
CHANNEL W/ ¼ - 14 x 1" PNC
DP3 W/O WASHER @ 24" O/C

HORIZONTAL SUPPORT
(NOT BY IMP SUPPLIER)

#M OUTSIDE CORNER PROFILED TRIM @ MID PANEL (REQUIRED FOR 8" PANEL) (PLAN VIEW)

DETAIL:

CORNER TRANSITION - PROFILED OUTSIDE

DATE:	06/12/25	SHEET:	1	OF	1
APPLICATION:	HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL				
AWIP DETAIL NUMBER:	MHW-ACI-CT-011_M				
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"KC-__" 16 GA "J" CHANNEL W/ 1/4"
- 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

"OC-X2" OUTSIDE CORNER TRIM

CONTINUOUS SAFIRE INTUMESCENT
MASTIC W/ MARRIAGE BEAD
ACROSS PANEL JOINT

MIN. 4PCF COMPRESSED MINERAL
FIBER (NOT BY IMP SUPPLIER)
HILTI CFS-S SIL GG FIRESTOP SILICONE
SEALANT MINIMUM 5/8" DEPTH
(NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE
INTUMESCENT MASTIC W/
MARRIAGE BEAD ACROSS
PANEL JOINT

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA REAR CAP CHANNEL
W/ 1/4 - 14 x 1" PNC DP3 W/O
WASHER @ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL
SEALANT IN JOINTS

*(2) 20MM BEADS OF CONTINUOUS
SAFIRE INTUMESCENT MASTIC

*NOTE: 3 BEADS OF SAFIRE INTUMESCENT
MASTIC REQUIRED FOR 6" AND 8" PANELS
(SEE PANEL JOINT DETAILS FOR REFERENCE)

NOTE: DETAIL DEPICTS PANEL SECTION AT PANEL
JOINTS AND FASTENING REQUIREMENTS

CONTINUOUS BUTYL SEALANT
10. x 0.75" PPH DP3 @ 8" O/C

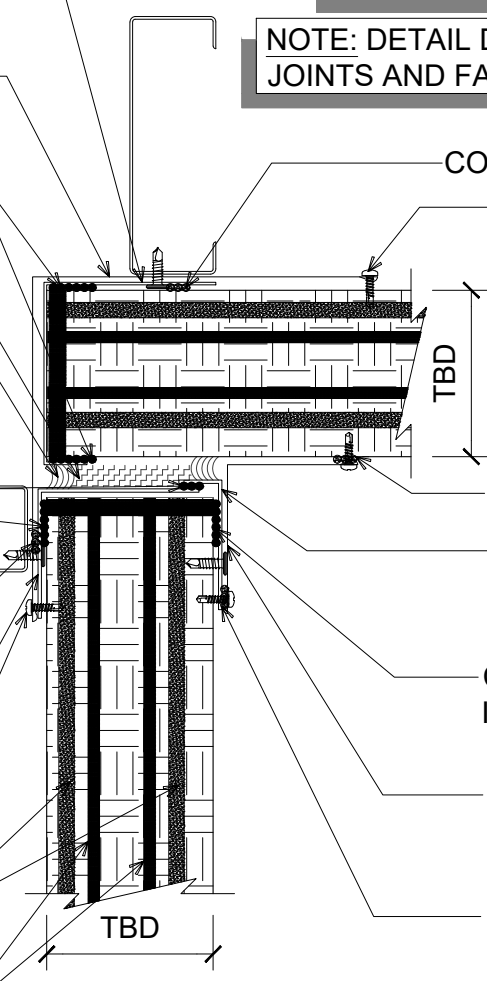
CONTINUOUS BUTYL SEALANT

"KA-01" 16 GA FRONT CAP
CHANNEL W/ 1/4 - 14 x 1" PNC DP3
W/O WASHER @ 24" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

"IC-X2" INSIDE CORNER TRIM W/
10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL
SEALANT



#J INSIDE CORNER FLAT TRIM @ PANEL JOINT (4" AND 6" PANEL ONLY) (PLAN VIEW)

DETAIL:

CORNER TRANSITION - FLAT INSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-CT-012_J

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"KC-__" 16 GA "J" CHANNEL W/ ¼ - 14 x 1" PNC DP3 W/O WASHER @ 24" O/C

"OC-X2" OUTSIDE CORNER TRIM

CONTINUOUS SAFIRE INTUMESCENT MASTIC

MIN. 4PCF COMPRESSED MINERAL FIBER (NOT BY IMP SUPPLIER)

HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT MINIMUM 5/8" DEPTH (NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE INTUMESCENT MASTIC

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA REAR CAP CHANNEL W/ ¼ - 14 x 1" PNC DP3 W/O WASHER @ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

(_) ¼ - 14 x _" PNC DP3 W/ 1 ⅛" BONDED WASHER PER PANEL (SEE FASTENING PATTERNS DETAILS)

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN JOINTS AND FASTENING REQUIREMENTS

(_) ¼ - 14 x _" PNC DP3 W/ 1 ⅛" BONDED WASHER PER PANEL (SEE FASTENING PATTERNS DETAILS)

CONTINUOUS BUTYL SEALANT 10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA FRONT CAP CHANNEL W/ ¼ - 14 x 1" PNC DP3 W/O WASHER @ 24" O/C

CONTINUOUS SAFIRE INTUMESCENT MASTIC

"IC-X2" INSIDE CORNER TRIM W/ 10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

#M INSIDE CORNER FLAT TRIM @ MID PANEL (4" AND 6" PANEL ONLY) (PLAN VIEW)

DETAIL:

CORNER TRANSITION - FLAT INSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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"KC-__" 16 GA "J" CHANNEL W/ 1/4" - 14 x 1"
PNC DP3 W/O WASHER @ 24" O/C

"OC-X2" OUTSIDE CORNER TRIM

CONTINUOUS SAFIRE INTUMESCENT
MASTIC W/ MARRIAGE BEAD
ACROSS PANEL JOINT

MIN. 4PCF COMPRESSED MINERAL
FIBER (NOT BY IMP SUPPLIER)

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT MINIMUM
5/8" DEPTH (NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE
INTUMESCENT MASTIC
W/ MARRIAGE BEAD
ACROSS PANEL JOINT

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA REAR CAP CHANNEL
W/ 1/4" - 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL
SEALANT IN JOINTS

*(2) 20MM BEADS OF CONTINUOUS
SAFIRE INTUMESCENT MASTIC

*NOTE: 3 BEADS OF SAFIRE INTUMESCENT
MASTIC REQUIRED FOR 6" AND 8" PANELS
(SEE PANEL JOINT DETAILS FOR REFERENCE)

NOTE: DETAIL DEPICTS PANEL SECTION AT PANEL
JOINTS AND FASTENING REQUIREMENTS

CONTINUOUS BUTYL SEALANT
10. x 0.75" PPH DP3 @ 8" O/C

"KA-01" 16 GA FRONT CAP CHANNEL

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

"IC-X5" PROFILED INSIDE CORNER
TRIM W/ 10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

14. - 13 x 1.5" PNC DP1 JOINT STITCH
SCREWS W/ 5/8" BONDED WASHER
INTERIOR SIDE OF PANEL @ 36" O/C
(8" PANELS ONLY)

#J INSIDE CORNER PROFILED TRIM @ PANEL JOINT (REQUIRED FOR 8" PANEL)

(PLAN VIEW)

DETAIL:

CORNER TRANSITION - PROFILED INSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-CT-013_J

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VACAVILLE, CA 95688

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"KA-__" 16 GA "J" CHANNEL W/ $\frac{1}{4}$ - 14 x 1"
PNC DP3 W/O WASHER @ 24" O/C

"OC-X2" OUTSIDE CORNER TRIM

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

MIN. 4PCF COMPRESSED MINERAL
FIBER (NOT BY IMP SUPPLIER)

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT MINIMUM
 $\frac{5}{8}$ " DEPTH (NOT BY IMP SUPPLIER)

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

CONTINUOUS BUTYL
SEALANT

"KA-01" 16 GA REAR CAP CHANNEL
W/ $\frac{1}{4}$ - 14 x 1" PNC DP3 W/O
WASHER @ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN
JOINTS AND FASTENING REQUIREMENTS

() $\frac{1}{4}$ - 14 x _ HWH DP3 W/ 1 $\frac{1}{8}$ " BONDED
WASHER PER PANEL (SEE FASTENING
PATTERNS DETAILS)

CONTINUOUS BUTYL SEALANT
10. x 0.75" PPH DP3 @ 8" O/C

TBD

CONTINUOUS BUTYL SEALANT

"KA-01" 16 GA FRONT CAP CHANNEL

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

"IC-X5" PROFILED INSIDE CORNER
TRIM W/ 10. x 0.75" PPH DP3
FASTENERS @ 8" O/C

() $\frac{1}{4}$ - 14 x _ HWH DP3 W/ 1 $\frac{1}{8}$ "
BONDED WASHER PER PANEL (SEE
FASTENING PATTERNS DETAILS)

CONTINUOUS BUTYL SEALANT

TBD

#M INSIDE CORNER PROFILED TRIM @ MID PANEL (REQUIRED FOR 8" PANEL)

(PLAN VIEW)

DETAIL:

CORNER TRANSITION - PROFILED INSIDE

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-CT-013_M

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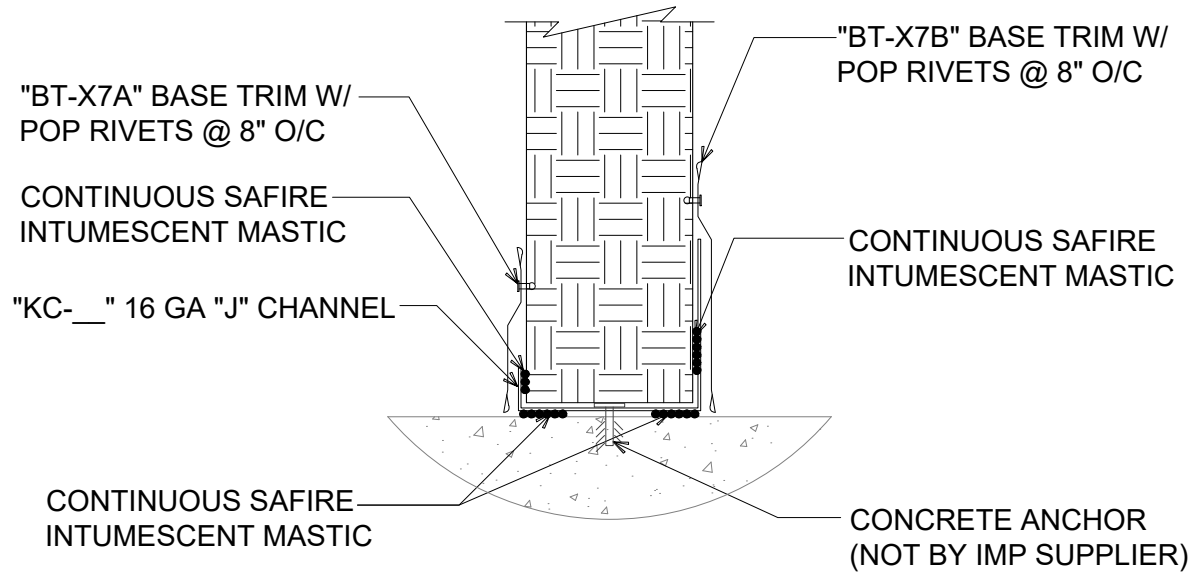
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BASE DETAIL - PARTITION

(SECTION VIEW)

DETAIL:

BASE CONDITION

APPLICATION:

HORIZONTAL FIRE WALL, INTERIOR AMBIENT

AWIP DETAIL NUMBER:

MHW-AAL-BC-010

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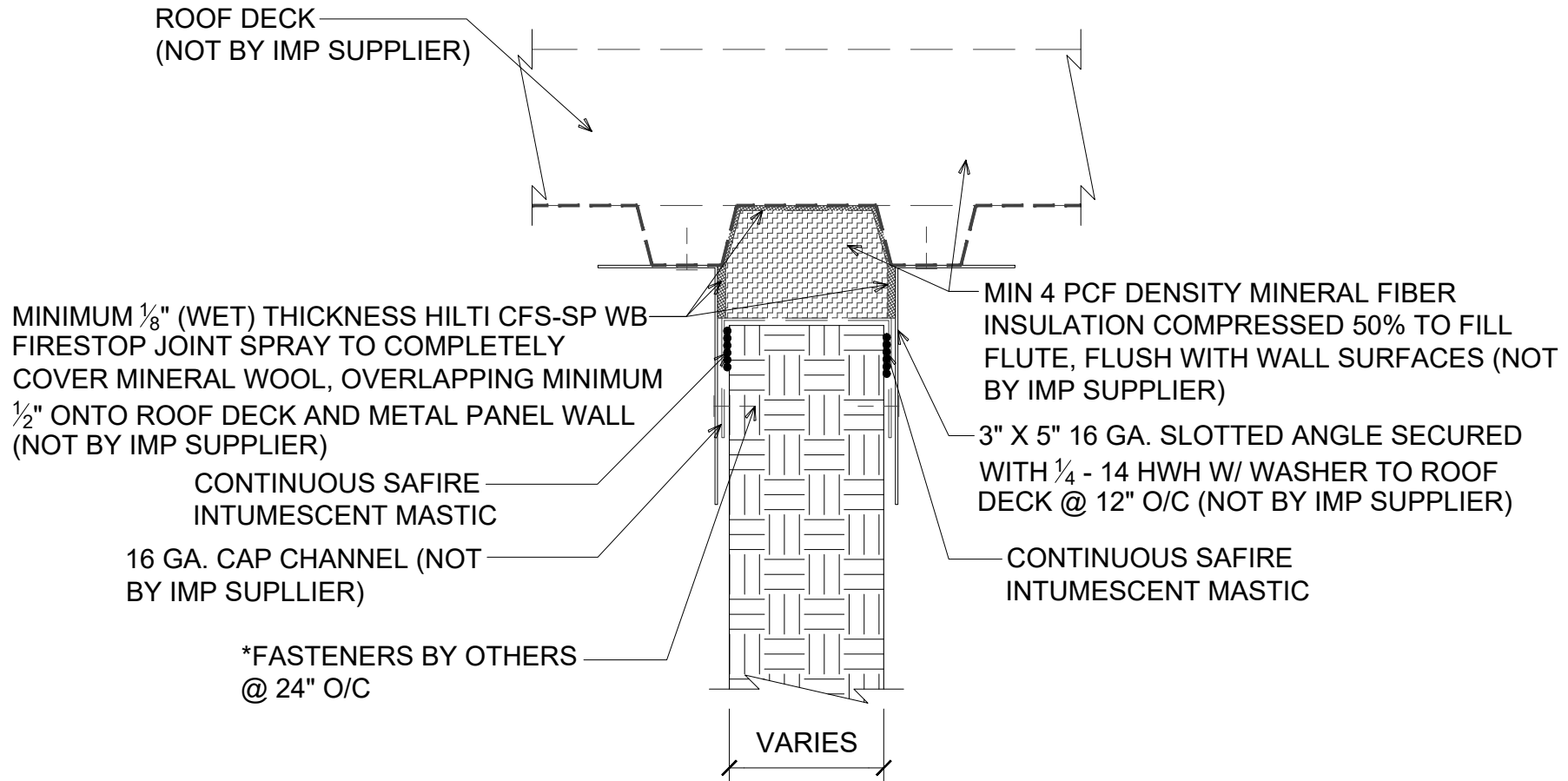
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***NOTE: AVOID TIGHTENING FASTENERS AT SLOTS TO ALLOW FOR MOVEMENT.**



FIRE RATED ASSEMBLY PARTITION TO ROOF

(PLAN VIEW)

DETAIL:

PARTITION TO ROOF

APPLICATION:

HORIZONTAL FIRE WALL, INTERIOR AMBIENT

AWIP DETAIL NUMBER:

MHW-A41-PT-010

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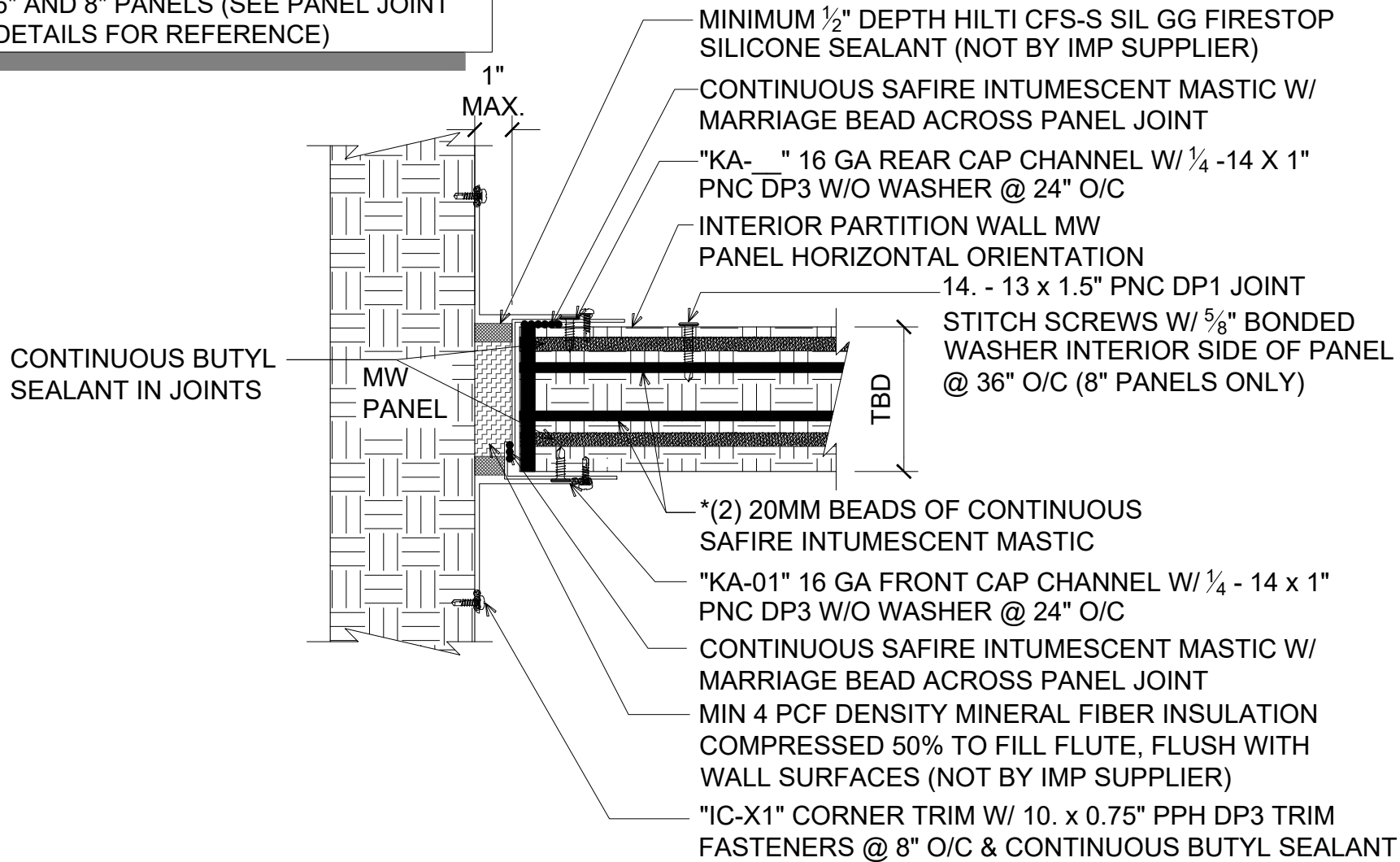
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***NOTE: 3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE PANEL JOINT DETAILS FOR REFERENCE)**



INTERIOR PARTITION ENDWALL DETAIL

(PLAN VIEW)

DETAIL:

CORNER TRANSITION

APPLICATION:

HORIZONTAL FIRE WALL, INTERIOR AMBIENT

AWIP DETAIL NUMBER:

MHW-AA1-CT-010

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NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS

$\frac{1}{4}$ - 14 x _" PNC DP3 (AS REQUIRED
FOR WIND LOAD; SEE FASTENING
PATTERNS DETAILS)

"BT-X2" BASE TRIM W/ 10. x
0.75" PPH DP3 @ 8" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

"KC-__" 16 GA "J" CHANNEL

END OF FIRE RATING

$\frac{3}{8}$ " WEEP HOLE IN CAP
CHANNEL AT EACH PANEL
JOINT AND 21" O/C

"DF-X2" 2-PIECE DRIP FLASHING

CONTINUOUS BUTYL SEALANT

TBD

CONTINUOUS SAFIRE INTUMESCENT MASTIC

$\frac{1}{4}$ - 14 x 1" PNC DP3 W/O WASHER @
24" O/C (FASTENER FOR "J" STARTER
TO STRUCTURE)

CONTINUOUS BUTYL SEALANT
BOTH SIDES OF TRIM

FRAMED OPENING
(NOT BY IMP SUPPLIER)

$\frac{1}{4}$ - 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER
(WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE
FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

FRAMED OPENING HEAD W/ FLAT TRIM AND DRIP EDGE (4" AND 6" PANELS ONLY) (SECTION VIEW)

DETAIL:

FRAMED OPENING - FLAT HEADER

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACH-FO-010

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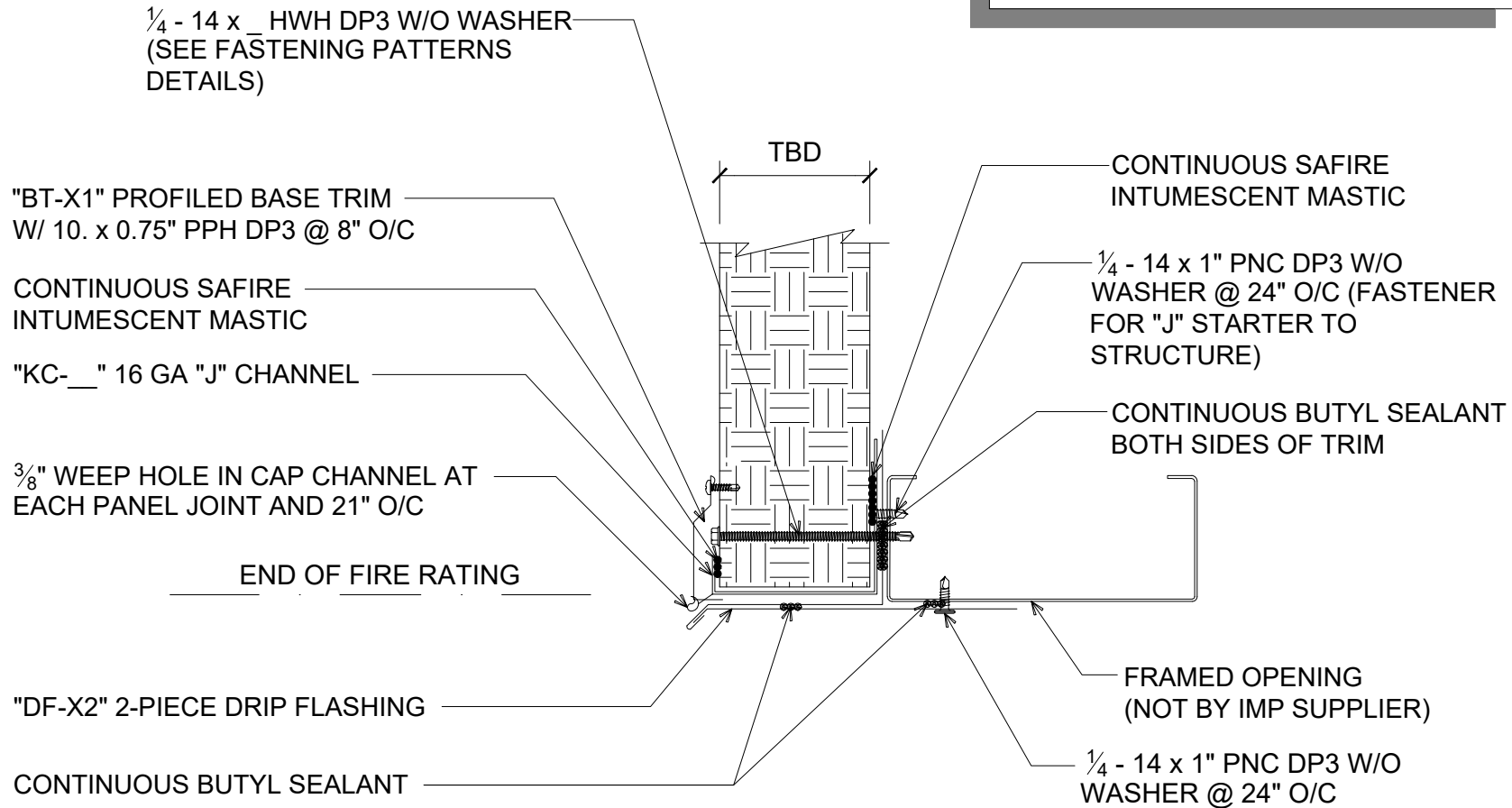
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NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER
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FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

F.O. HEAD W/ PROFILED TRIM & DRIP EDGE (REQUIRED FOR 8" PANELS) (SECTION VIEW)

DETAIL:

FRAMED OPENING - PROFILED HEADER

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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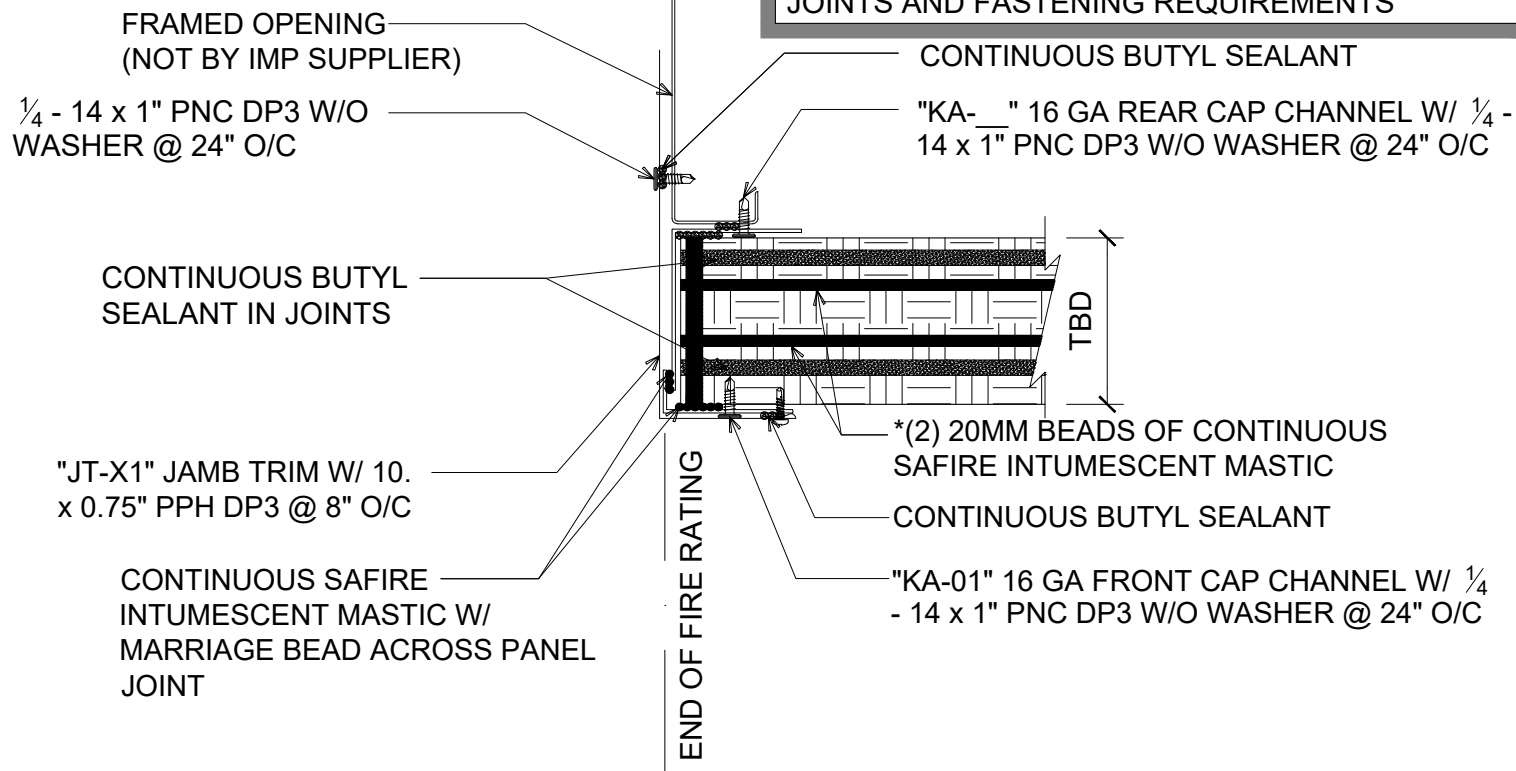
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NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS

*NOTE: 3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR
6" AND 8" PANELS (SEE PANEL JOINT DETAILS FOR REFERENCE)

NOTE: DETAIL DEPICTS PANEL SECTION AT PANEL
JOINTS AND FASTENING REQUIREMENTS



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER
(WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE
FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

#J FRAMED OPENING FLAT JAMB TRIM @ PANEL JOINT (4" AND 6" PANELS ONLY)

(PLAN VIEW)

DETAIL:

FRAMED OPENING - JAMB

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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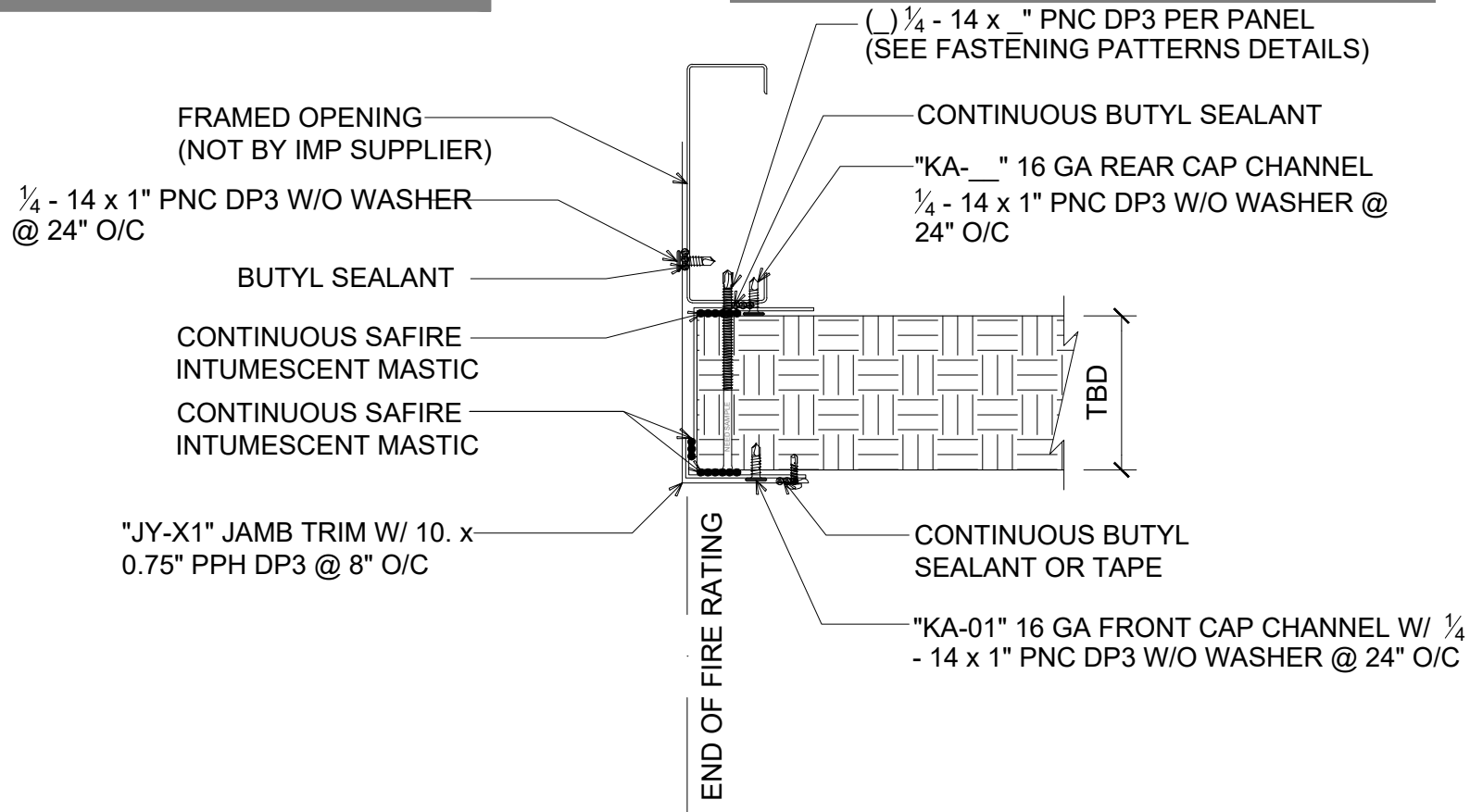
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MMF

1 OF 1

NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN
JOINTS AND FASTENING REQUIREMENTS



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER
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FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

#M FRAMED OPENING W/ FLAT JAMB TRIM @ MID PANEL (4" AND 6" PANELS ONLY) (PLAN VIEW)

DETAIL:

FRAMED OPENING - JAMB

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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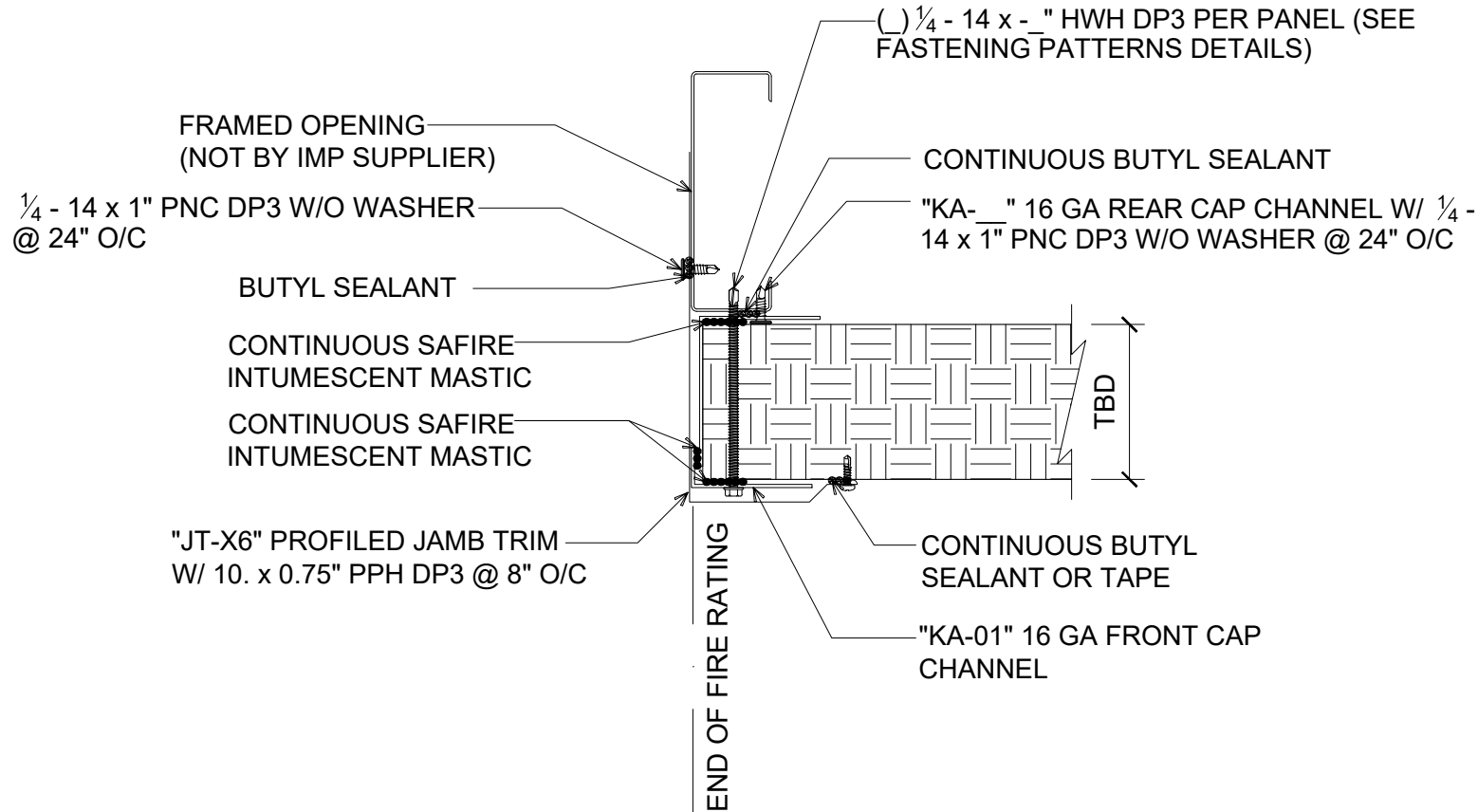
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1 OF 1

NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS

NOTE: DETAIL DEPICTS PANEL SECTION BETWEEN
JOINTS AND FASTENING REQUIREMENTS



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER (WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

#M F. O. W/ PROFILED JAMB TRIM @ MID
PANEL (REQUIRED FOR 8" PANELS)
(PLAN VIEW)

DETAIL:

FRAMED OPENING - JAMB

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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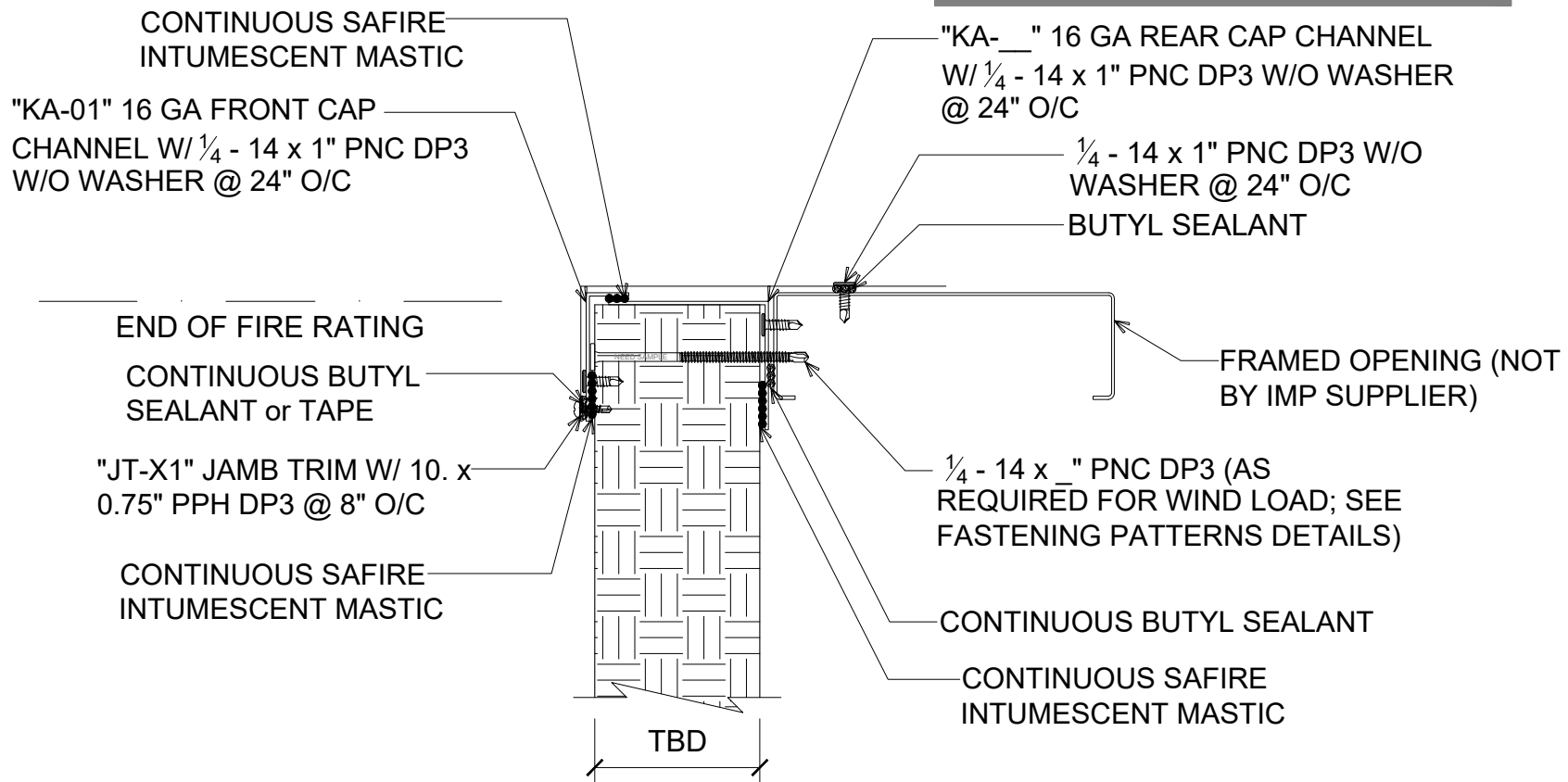
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NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER (WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

FRAMED OPENING SILL FLAT TRIM (4" & 6" PANELS ONLY)

(SECTION VIEW)

DETAIL: FRAMED OPENING - FLAT SILL

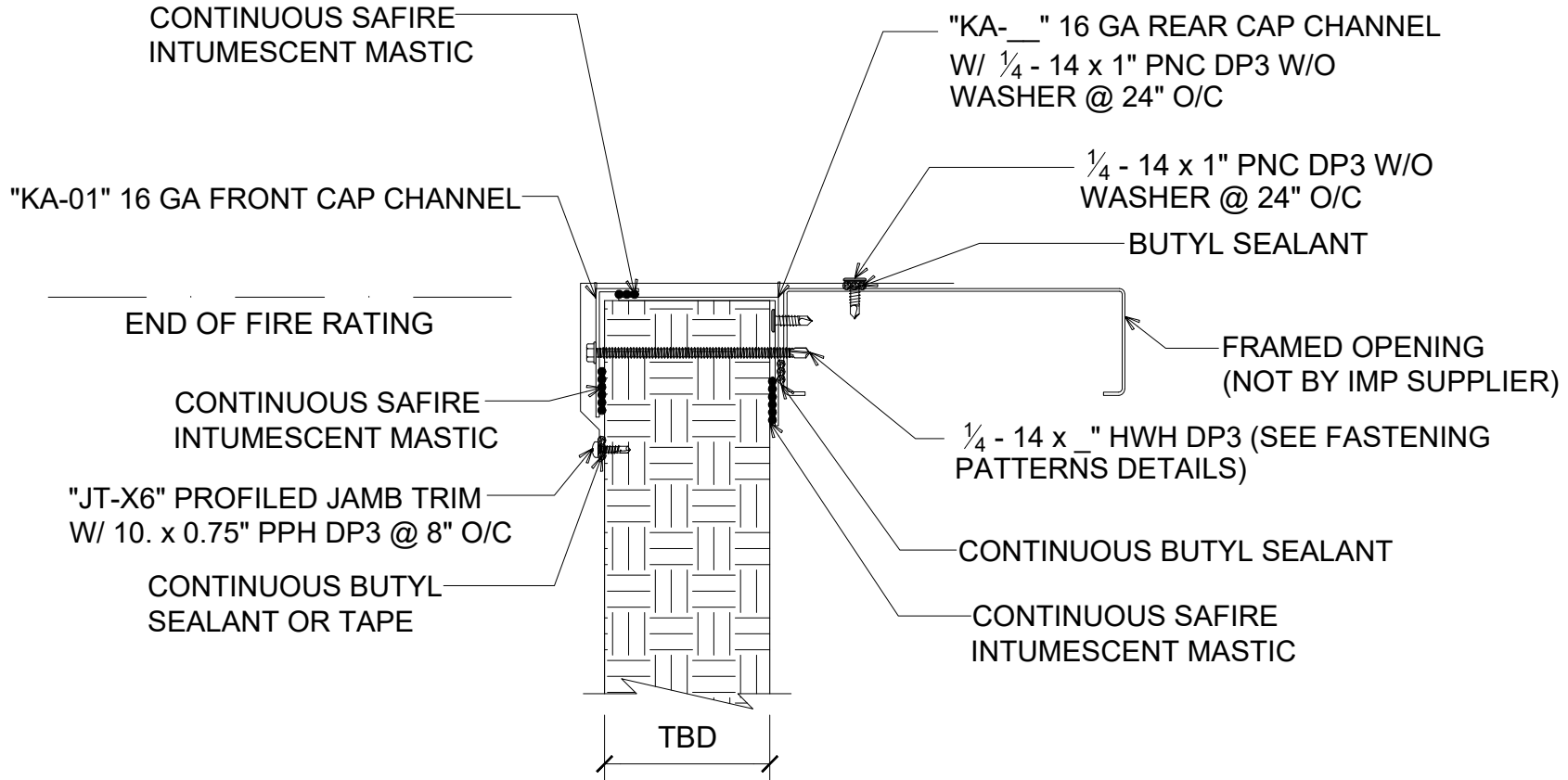
APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-FO-013

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NOTE: SEE TRIM END LAP DETAILS FOR
TYPICAL TRIM LAP INSTRUCTIONS



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER (WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

FRAMED OPENING SILL PROFILED TRIM (REQUIRED FOR 8" PANELS) (SECTION VIEW)

DETAIL: FRAMED OPENING - PROFILE SILL

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-FO-014

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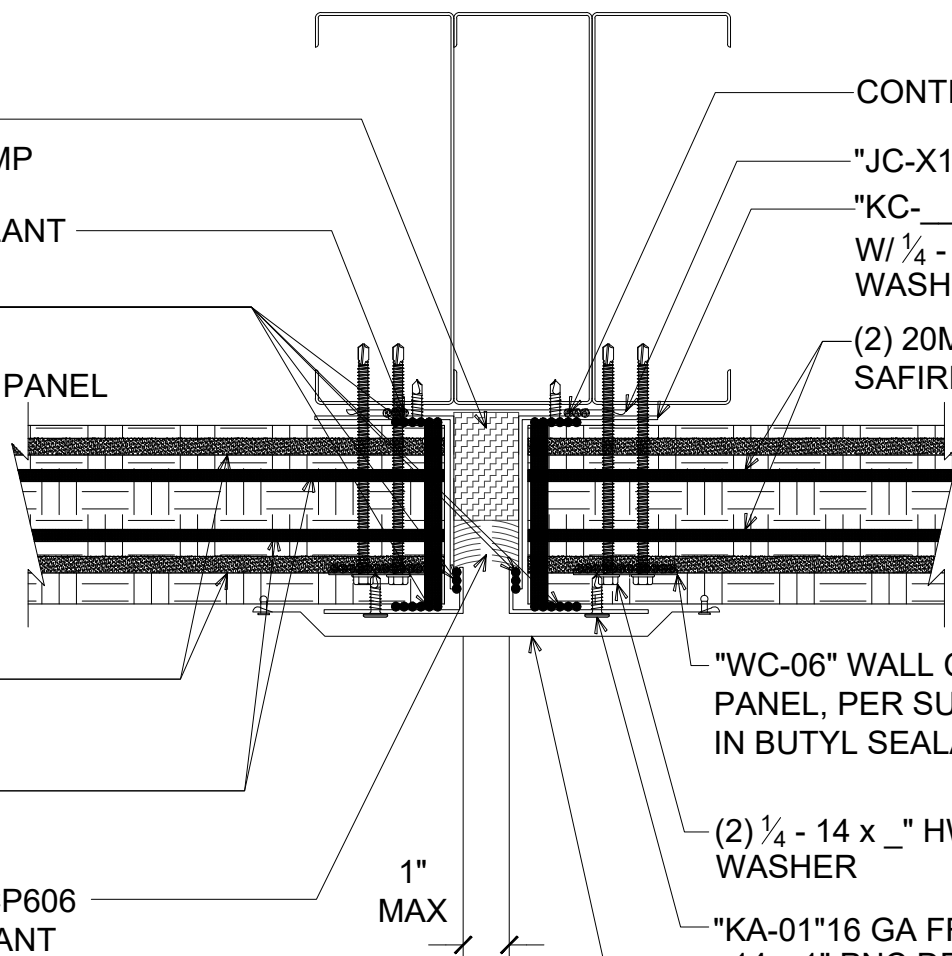
MIN.4 PCF COMPRESSED
MINERAL FIBER (NOT BY IMP
SUPPLIER)
CONTINUOUS BUTYL SEALANT

CONTINUOUS SAFIRE
INTUMESCENT MASTIC W/
MARRIAGE BEAD ACROSS PANEL

CONTINUOUS BUTYL
SEALANT IN BOTH JOINTS

(2) BEADS OF SAFIRE
INTUMESCENT MASTIC

MINIMUM 1" DEPTH HILTI CP606
FLEXIBLE FIRESTOP SEALANT
(NOT BY IMP SUPPLIER)



CONTINUOUS BUTYL SEALANT

"JC-X1" MENDING PLATE

"KC-__" 16 GA REAR CAP CHANNEL
W/ 1/4 - 14 x 1" PNC DP3 W/O
WASHER @ 24" O/C

(2) 20MM BEADS OF CONTINUOUS
SAFIRE INTUMESCENT MASTIC

"WC-06" WALL CLIP (1 PER
PANEL, PER SUPPORT) SET CLIP
IN BUTYL SEALANT

(2) 1/4 - 14 x _" HWH DP3 W/O
WASHER

"KA-01" 16 GA FRONT CAP CHANNEL W/ 1/4
- 14 x 1" PNC DP3 W/O WASHER @ 24" O/C

"WT-X1" COVER TRIM W/ POP RIVETS
@ 8" O/C

1"
MAX

HORIZONTAL END JOINT (4" PANEL)

(PLAN VIEW)

DETAIL:

END JOINT

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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MIN. 4 PCF COMPRESSED
MINERAL FIBER (NOT BY IMP
SUPPLIER)

CONTINUOUS BUTYL SEALANT

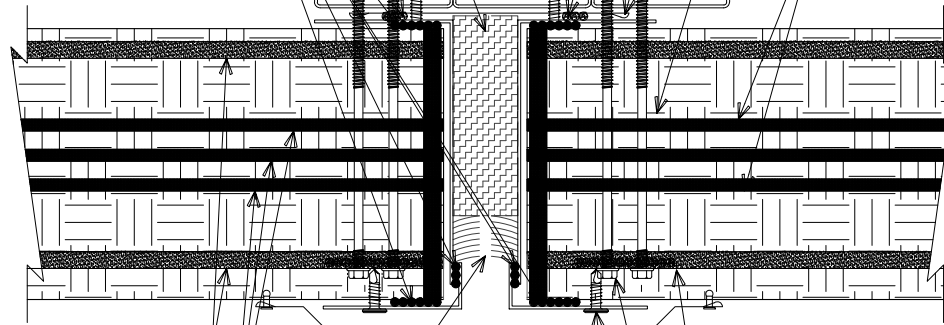
CONTINUOUS SAFIRE
INTUMESCENT MASTIC W/
MARRIAGE BEAD ACROSS PANEL

CONTINUOUS BUTYL SEALANT

"JC-X1" MENDING PLATE

"KC-__" 16 GA REAR CAP CHANNEL
W/ 1/4 - 14 x 1" PNC DP3 W/O WASHER
@ 24" O/C

(3) 20MM BEADS OF CONTINUOUS
SAFIRE INTUMESCENT MASTIC



CONTINUOUS BUTYL
SEALANT IN BOTH JOINTS

(3) BEADS OF SAFIRE
INTUMESCENT MASTIC

MINIMUM 1" DEPTH HILTI CP606
FLEXIBLE FIRESTOP SEALANT
(NOT BY KINGSPAN)

1"
MAX

"WC-06" WALL CLIP (1 PER PANEL, PER
SUPPORT) SET CLIP IN BUTYL SEALANT

(2) 1/4 - 14 x _" HWH DP3 W/O
WASHER

"KA-01" 16 GA FRONT CAP CHANNEL W/ 1/4
- 14 x 1" PNC DP3 W/O WASHER @ 24" O/C

"WT-X1" COVER TRIM W/ POP RIVETS
@ 8" O/C

#

HORIZONTAL END JOINT (6" & 8" PANEL)

(PLAN VIEW)

DETAIL:

END JOINT

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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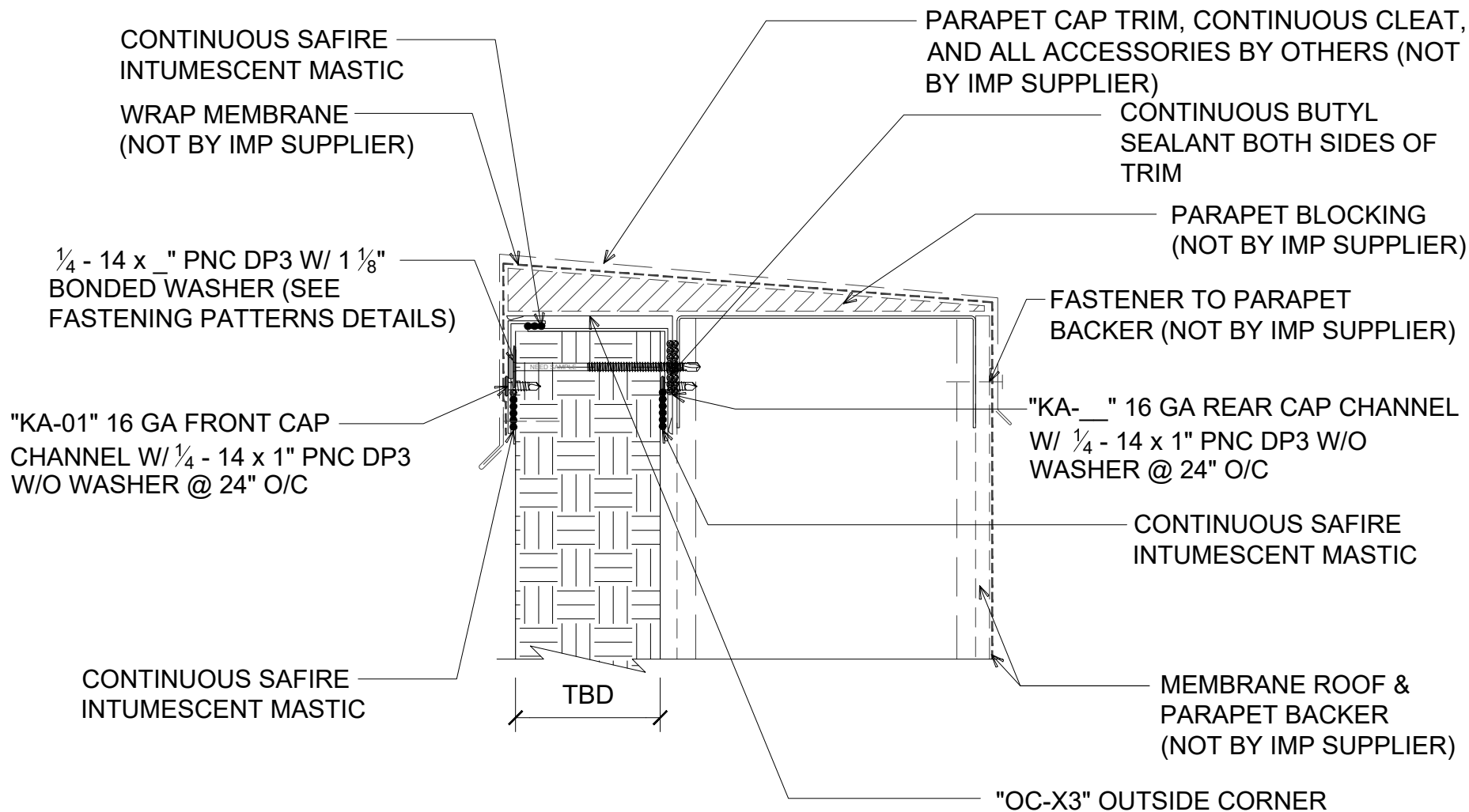


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PARAPET WITH FLUSH TRIM (4" AND 6" PANELS ONLY) (SECTION VIEW)

DETAIL:

PARAPET WALL - FLAT

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-PW-010

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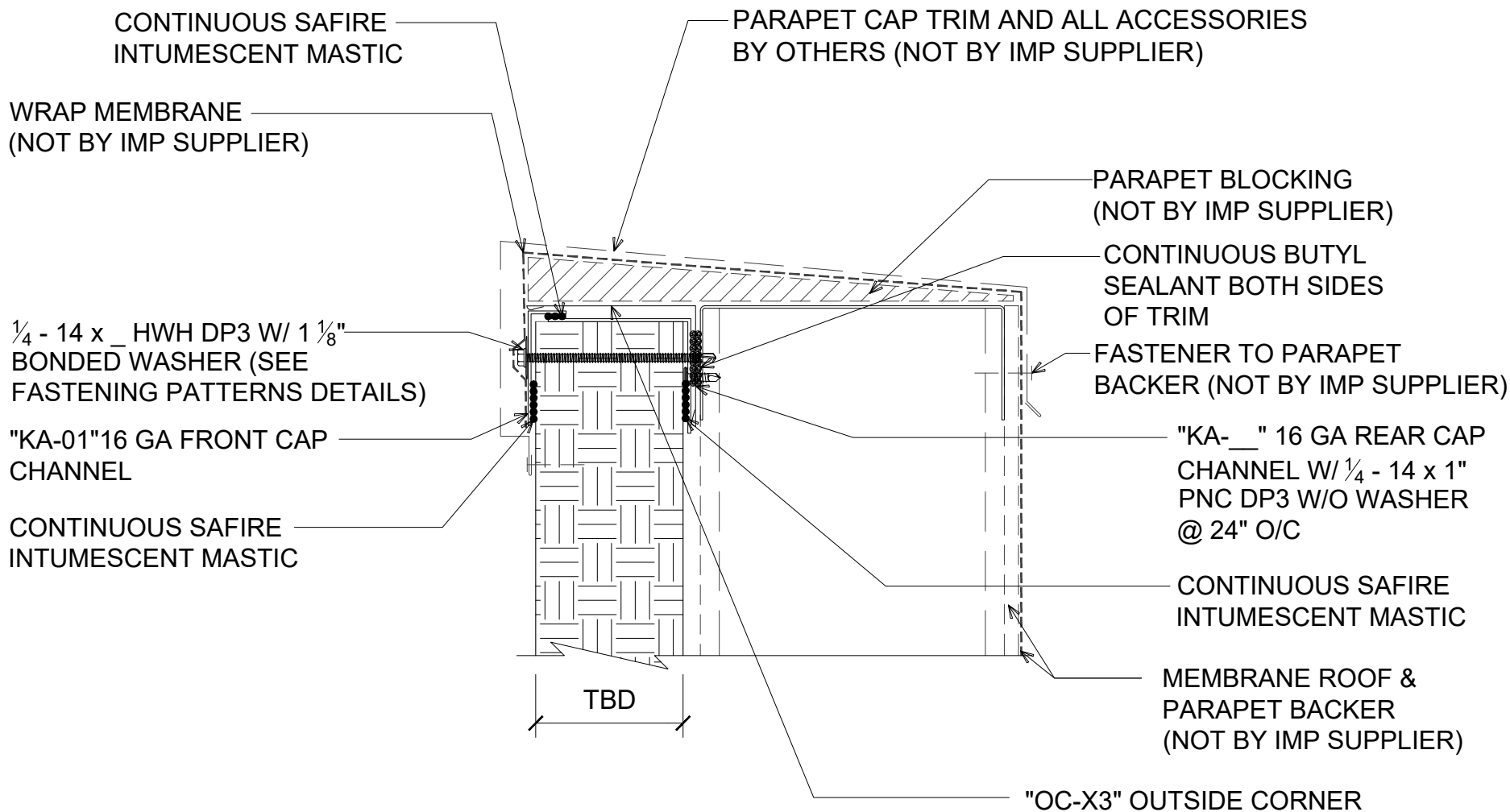
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PARAPET WITH PROFILED TRIM (REQUIRED FOR 8" PANEL)

(SECTION VIEW)

DETAIL:

PARAPET WALL - PROFILED

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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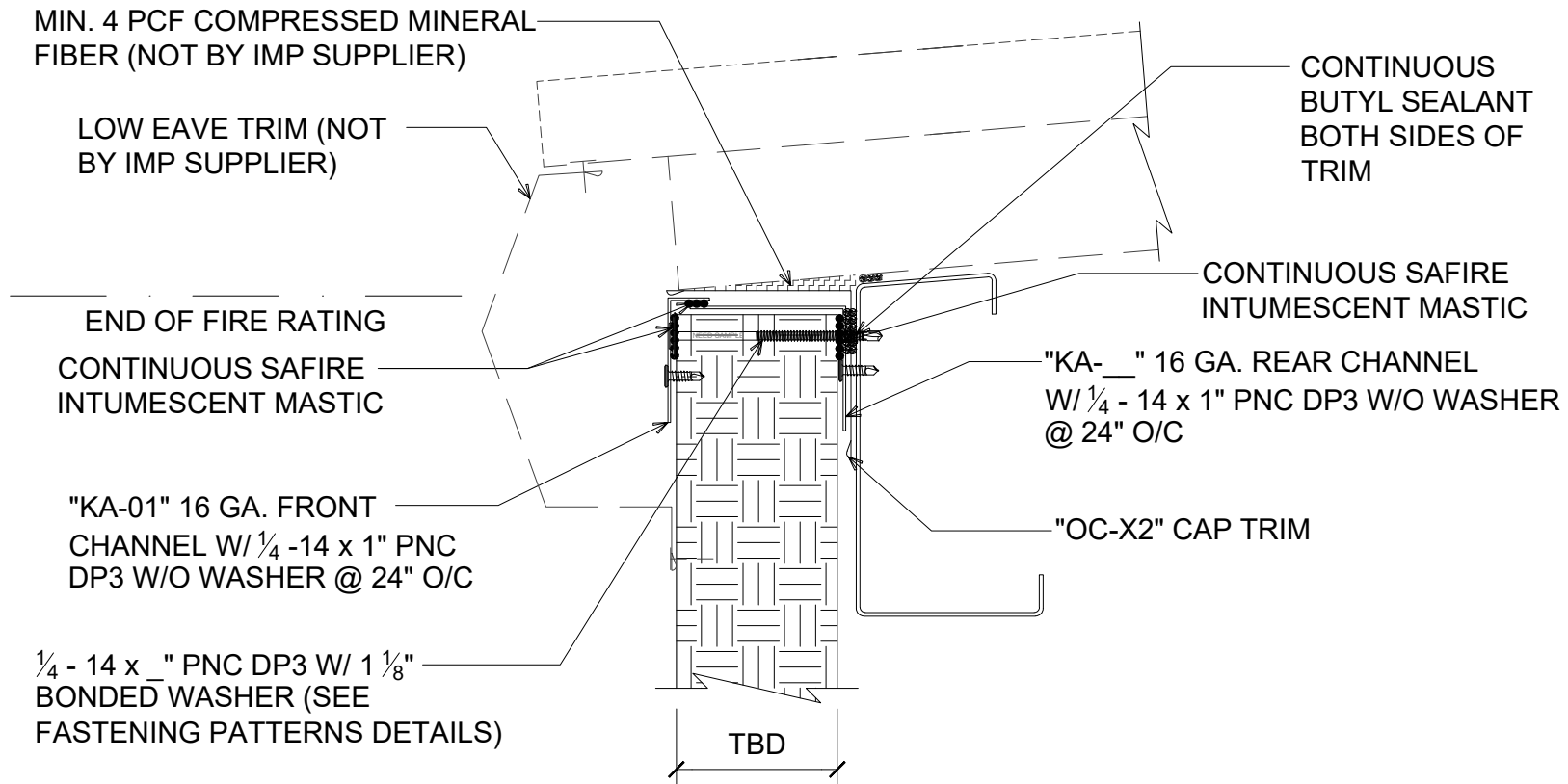
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NOTE: HEX HEAD THROUGH FASTENERS ARE REQUIRED FOR STRUCTURAL CONNECTION OF PANELS WITH 8" THICKNESS.

NOTE: REFER TO ROOF DETAILS FOR ROOF INSTALLATION



WALL TO ROOF LOW EAVE

(SECTION VIEW)

DETAIL:

WALL TO ROOF - EAVE

APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACHT-010

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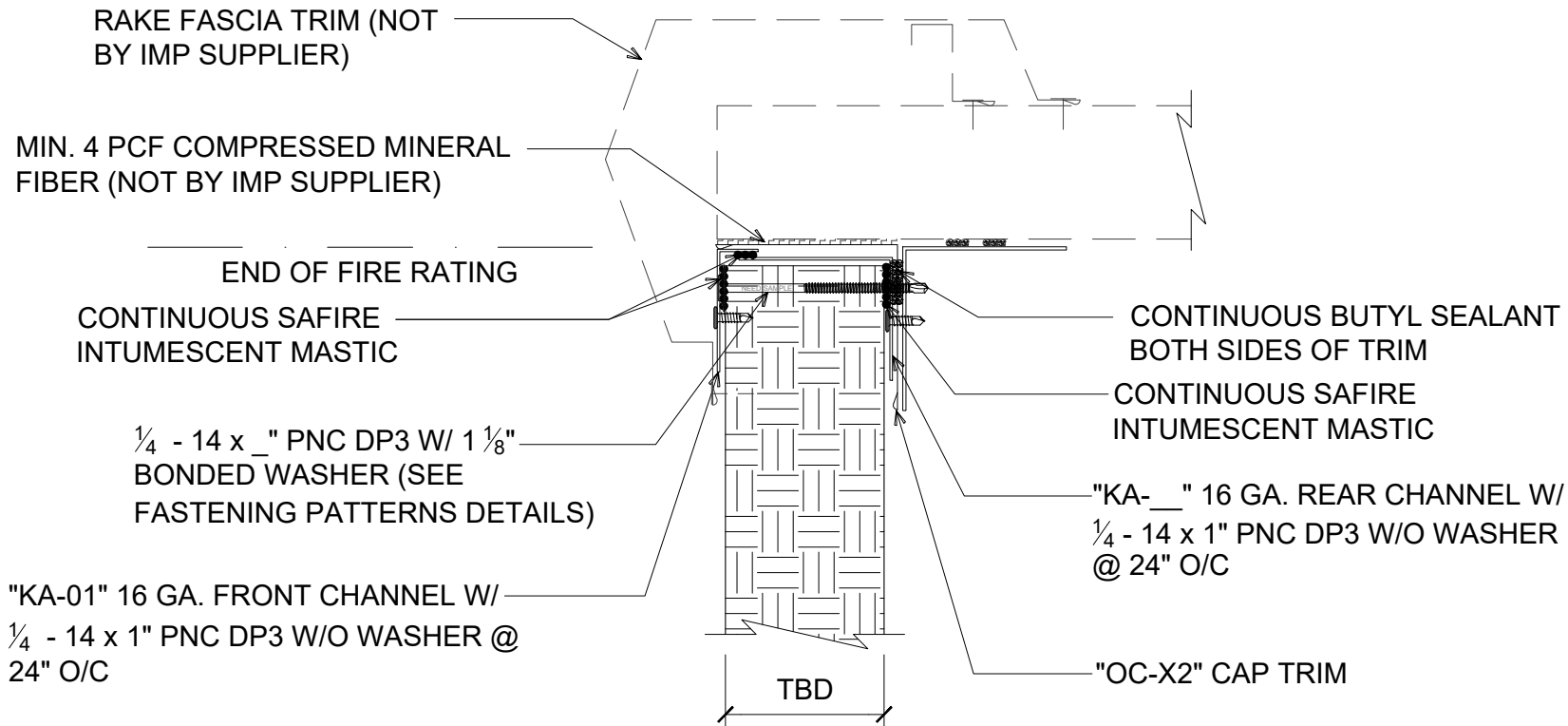


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NOTE: HEX HEAD THROUGH FASTENERS ARE REQUIRED FOR STRUCTURAL CONNECTION OF PANELS WITH 8" THICKNESS.

NOTE: REFER TO ROOF DETAILS FOR ROOF INSTALLATION



WALL TO ROOF RAKE

(SECTION VIEW)

DETAIL:

WALL TO ROOF - RAKE

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APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
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DATE: 06/13/25

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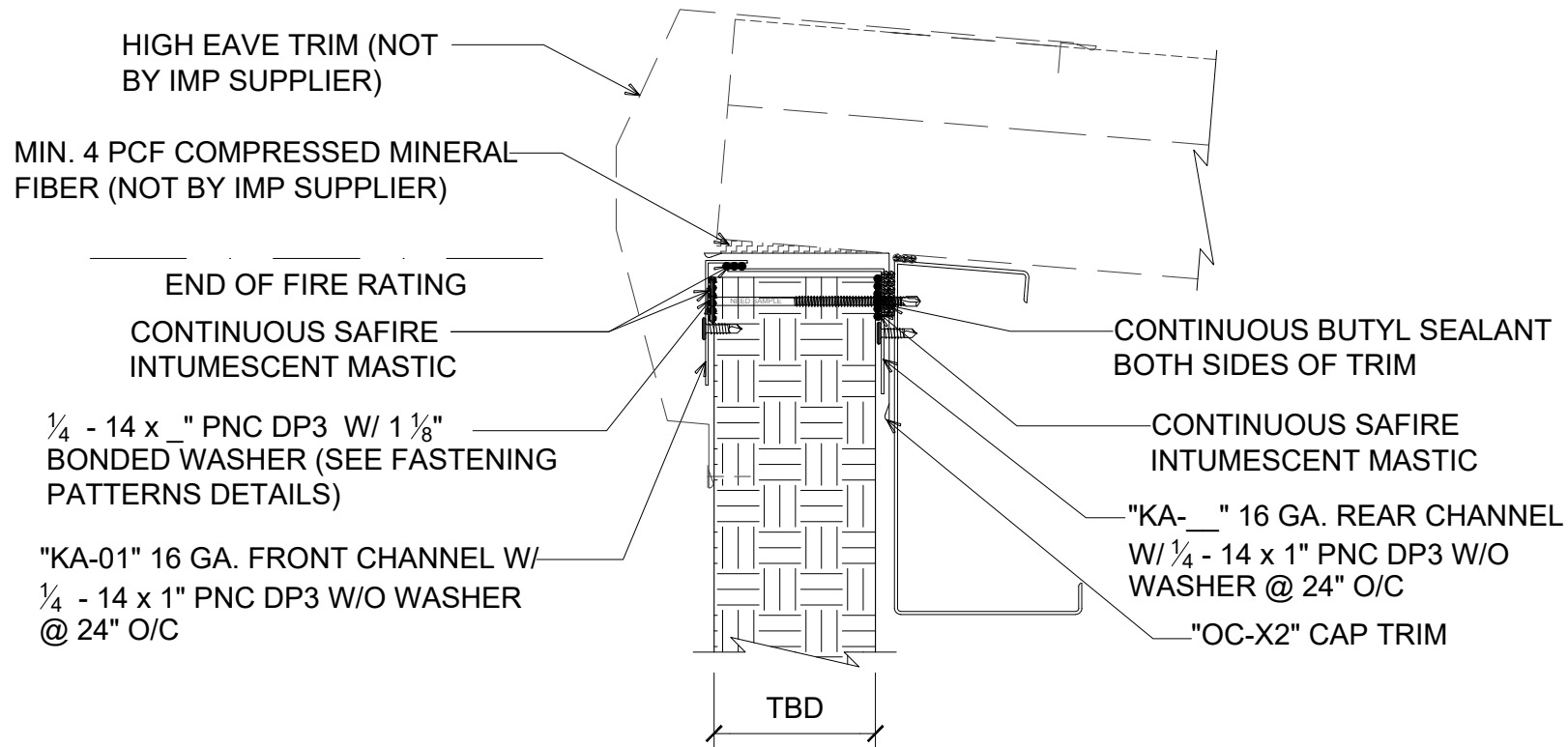
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NOTE: HEX HEAD THROUGH FASTENERS ARE REQUIRED FOR STRUCTURAL CONNECTION OF PANELS WITH 8" THICKNESS.

NOTE: REFER TO ROOF DETAILS FOR ROOF INSTALLATION



WALL TO ROOF HIGH EAVE

(SECTION VIEW)

DETAIL:

WALL TO ROOF - HIGH EAVE

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APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
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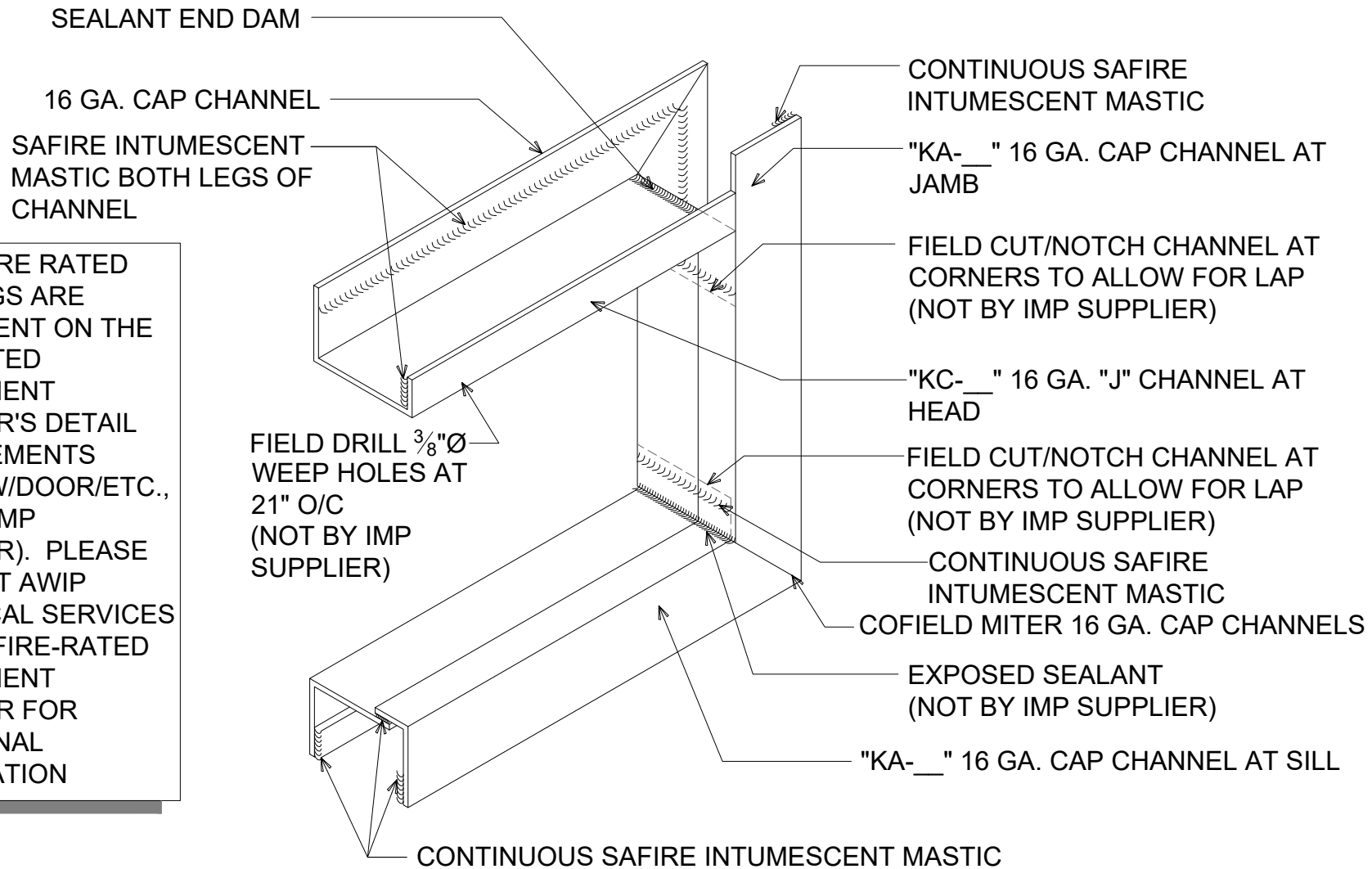
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NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY IMP SUPPLIER). PLEASE CONTACT AWIP TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

16 GA. CAP CHANNEL AT FRAMED OPENING (ISOMETRIC VIEW)

DETAIL: SPECIAL ASSEMBLY - CAP CHANNELS

929 ALDRIDGE ROAD
VACAVILLE, CA 95688
TEL: (707) 359-2280
FAX: (707) 359-2286
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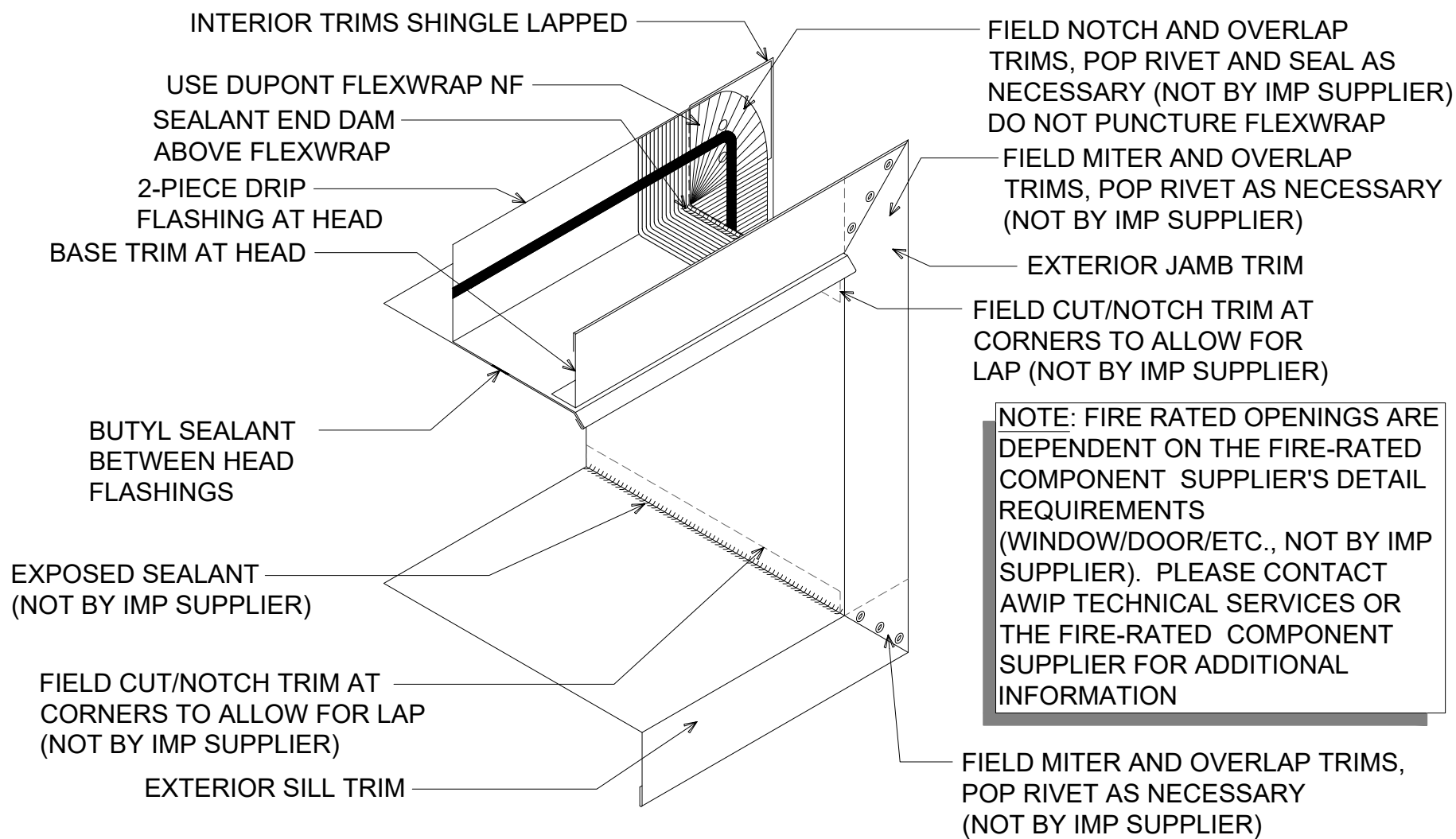
All Weather
Insulated Panels



APPLICATION:
HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL
AWIP DETAIL NUMBER:
MHW-ACI-SA-010

DATE:
06/02/23
DRAWN BY:
MMF

SHEET:
1 OF 1



TRIM AT FRAMED OPENING

(ISOMETRIC VIEW)

DETAIL:

TRIM APPLICATION - FRAMED OPENING

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-TA-010

DATE:

06/02/23

DRAWN BY:

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SHEET:

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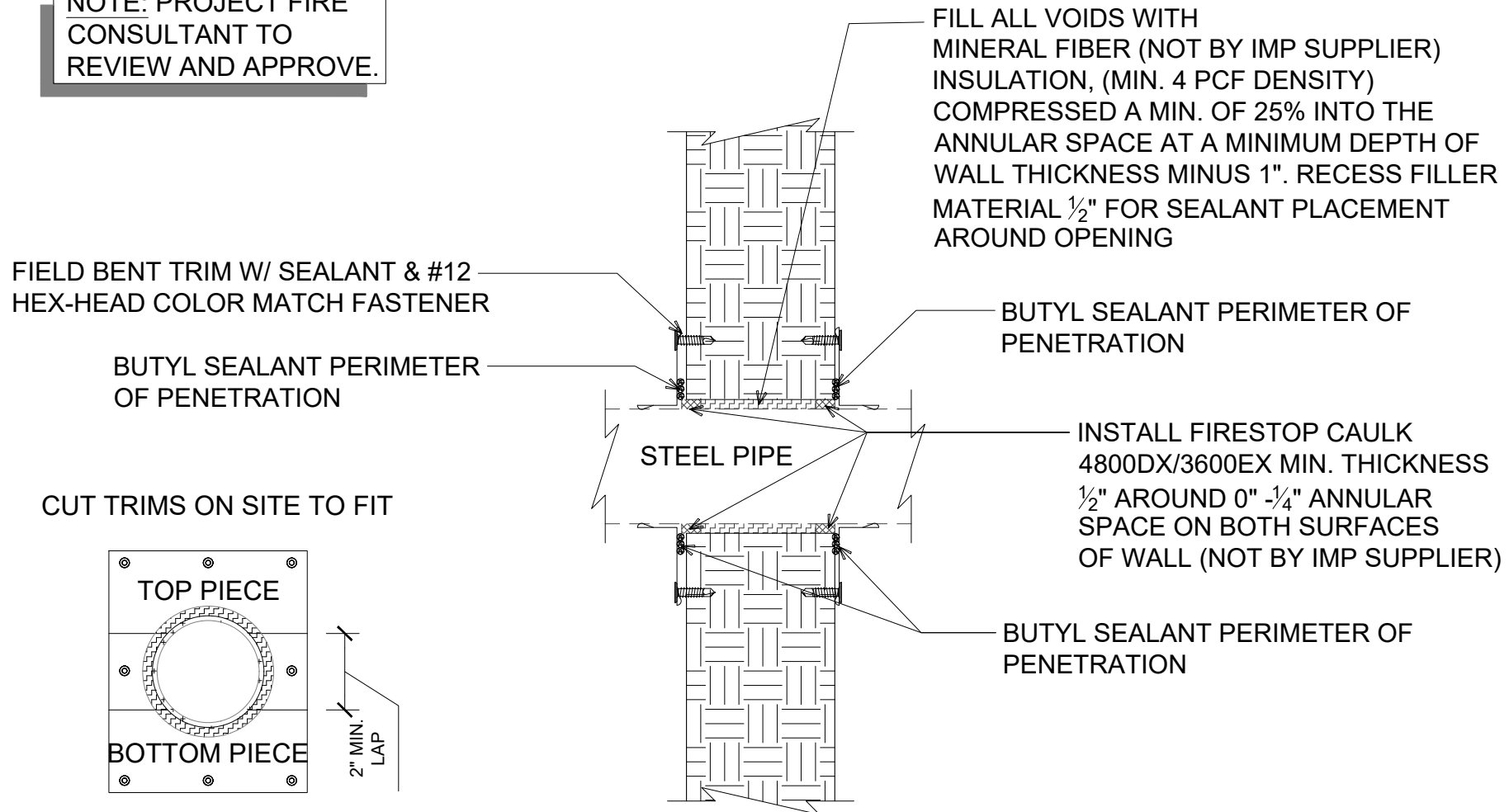
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NOTE: AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

NOTE: PROJECT FIRE
CONSULTANT TO
REVIEW AND APPROVE.



#

WALL PENETRATION

(SECTION VIEW)

DETAIL:

PANEL PENETRATION

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-PP-010

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NOTE: AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

BUTYL SEALANT PERIMETER
OF PENETRATION

FIELD BENT TRIM W/
SEALANT & 10. x 0.75" PPH DP3
TRIM FASTENER COLOR MATCH
FASTENER

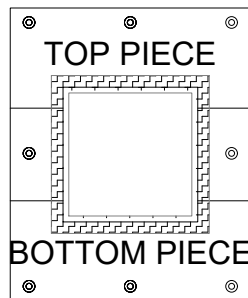
"KC-__" 16 GA. FRONT CAP CHANNEL

BUTYL SEALANT

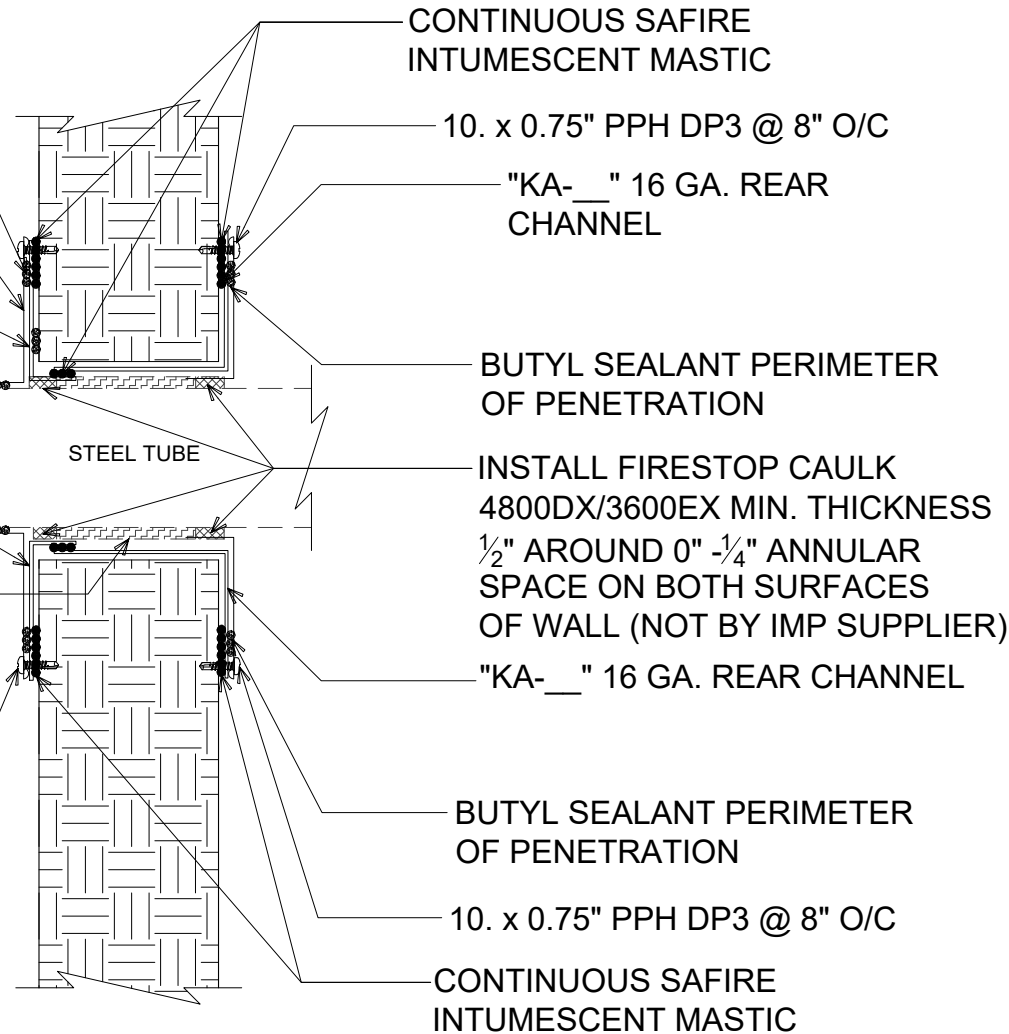
"KA-01" 16 GA. FRONT CHANNEL

FILL ALL VOIDS WITH MINERAL FIBER
(NOT BY IMP SUPPLIER) INSULATION
(MIN. 4 PCF DENSITY) AROUND OPENING

10. x 0.75" PPH DP3 @ 8" O/C



2" MIN.
LAP



CONTINUOUS SAFIRE
INTUMESCENT MASTIC

10. x 0.75" PPH DP3 @ 8" O/C

"KA-__" 16 GA. REAR
CHANNEL

BUTYL SEALANT PERIMETER
OF PENETRATION

INSTALL FIRESTOP CAULK
4800DX/3600EX MIN. THICKNESS
1/2" AROUND 0" - 1/4" ANNULAR
SPACE ON BOTH SURFACES
OF WALL (NOT BY IMP SUPPLIER)

"KA-__" 16 GA. REAR CHANNEL

BUTYL SEALANT PERIMETER
OF PENETRATION

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

#

STRUCTURAL MEMBER PENETRATION

(SECTION VIEW)

DETAIL:

PANEL PENETRATION

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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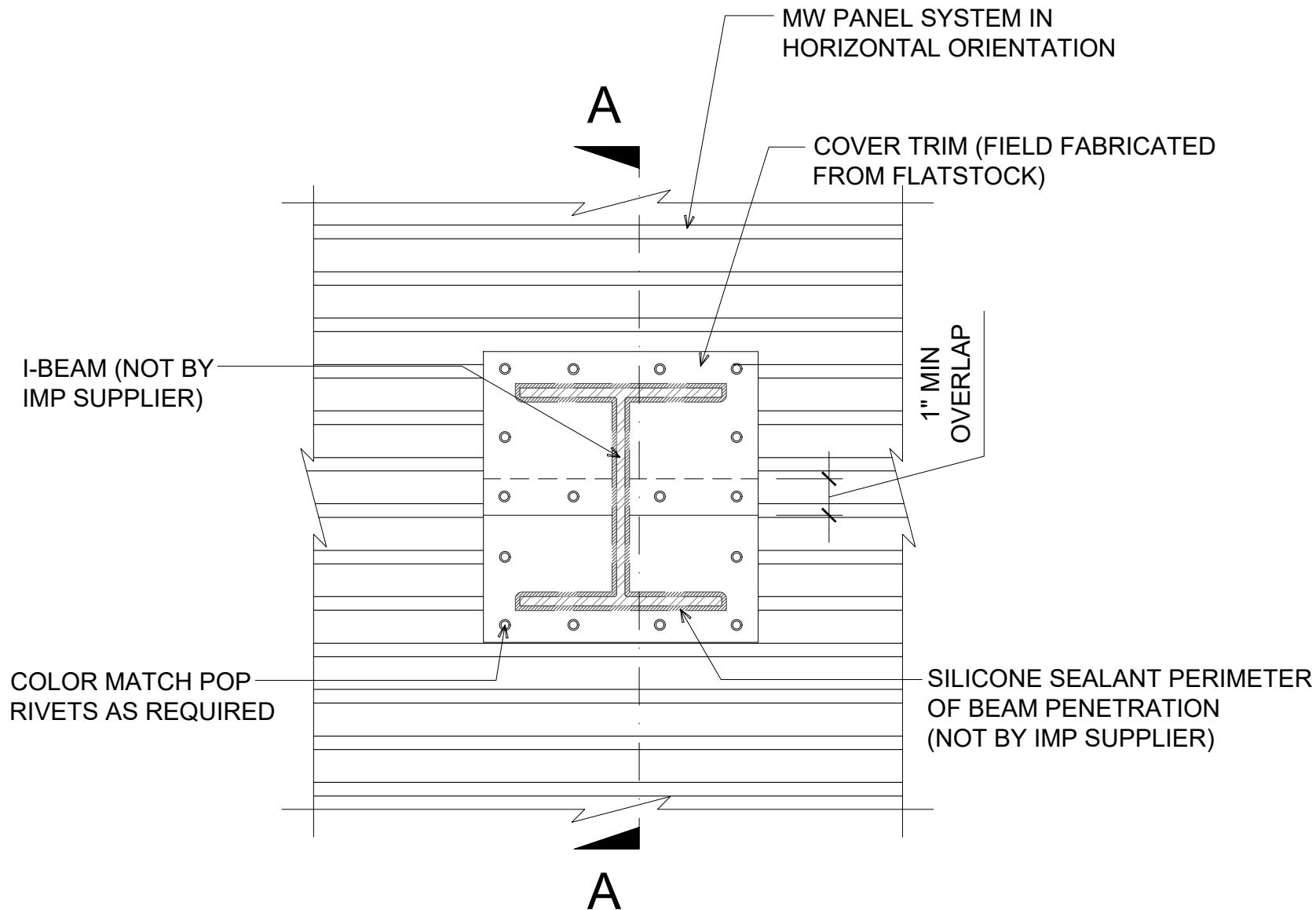


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11/06/23

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1 OF 1



#

I-BEAM PENETRATION

(FRONT VIEW)

DETAIL:

PANEL PENETRATION - I-BEAM

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

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APPLICATION:

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AWIP DETAIL NUMBER:

MHW-ACI-PP-012

DATE: 06/02/23

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SHEET:

1

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NOTE: AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

10. x 0.75" PPH DP3 @ 8" O/C

BUTYL SEALANT PERIMETER OF
TRIM - ENSURE CORRUGATION IN
PANEL IS FULLY FILLED

"KA-01" 16 GA FRONT CAP
CHANNEL W/ 1/4 - 14 X 1" PNC DP3
W/O WASHER @ 24" O/C

SILICONE SEALANT PERIMETER
OF BEAM PENETRATION
(NOT BY IMP SUPPLIER)

MINIMUM 5/8" DEPTH HILTI FS-ONE
MAX INTUMESCENT FIRESTOP
SEALANT PERIMETER OF OPENING
I-BEAM (NOT BY IMP SUPPLIER)

SILICONE SEALANT PERIMETER OF
BEAM PENETRATION
(NOT BY IMP SUPPLIER)

"KA-01" 16 GA FRONT CAP CHANNEL
W/ 1/4 - 14 X 1" PNC DP3 W/O WASHER
@ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS BUTYL SEALANT

"KA-__" 16 GA REAR CAP CHANNEL
W/ 1/4 - 14 X 1" PNC DP3 W/O WASHER
@ 24" O/C

OPENING TO BE FRAMED OUT WITH
SHEET METAL SLEEVE, MIN. 28GA
WITH 1" OVERLAP ALONG SEAM
MINIMUM 5/8" DEPTH HILTI FS-ONE
MAX INTUMESCENT FIRESTOP
SEALANT PERIMETER OF OPENING

MINERAL WOOL, MIN. 4 PCF
DENSITY, TIGHTLY PACKED AND
RECESSED TO ACCOMMODATE
SEALANT

"KA-__" 16 GA REAR CAP CHANNEL
W/ 1/4 - 14 X 1" PNC DP3 W/O WASHER
@ 24" O/C

10. x 0.75" PPH DP3 @ 8" O/C

CONTINUOUS SAFIRE
INTUMESCENT MASTIC

SECTION A-A

#E I-BEAM PENETRATION

(FRONT VIEW)

DETAIL:

PANEL PENETRATION - I-BEAM

APPLICATION:

HORIZONTAL FIRE WALL, COMMERCIAL & INDUSTRIAL

AWIP DETAIL NUMBER:

MHW-ACI-PP-012_A

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SHEET:

DATE:
11/21/23

DRAWN BY:
MMF

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1