

AR-CF-INFO-1  
AR-CF-INFO-2

**ARCHITECTURAL DISCLAIMER  
SEALANTS & FASTENERS**

AR-CF-JT-01	PANELS - FLAT
AR-CF-JT-02	PANELS - PROFILED
AR-CF-JT-03	CF PANEL JOINT - ARCHITECTURAL FLAT
AR-CF-JT-04	CF PANEL JOINT - SANTA FE
AR-CF-JT-05	CF PANEL JOINT - TUFF-CAST, TUFFWALL
AR-CF-JT-06	CF PANEL JOINT - STRIATED
AR-CF-JT-07	CF PANEL JOINT - LT MESA
AR-CF-JT-08	ATTACHMENT - SIDE JOINT - STUD WALL
AR-CF-JT-09	ATTACHMENT - SIDE JOINT - TUBE STEEL
AR-CF-FSTN-01	FASTENING PATTERN
AR-CF-FSTN-02	ATTACHMENT - INTERMEDIATE SUPPORT

AR-CF-BE-01	BASE - FLUSH W/TRIM
AR-CF-BE-01-A	BASE - FLUSH W/TRIM
AR-CF-BE-01-ISO	BASE - FLUSH W/TRIM - ISO
AR-CF-BE-02	BASE - FLUSH W/GALVANIZED CEE
AR-CF-BE-02-A	BASE - FLUSH W/GALVANIZED ZEE
AR-CF-BE-02-ISO	BASE - FLUSH W/GALVANIZED CEE - ISO
AR-CF-BE-03	BASE - AT FLOOR W/EXTRUSION
AR-CF-BE-03-A	BASE - AT FLOOR W/EXTRUSION
AR-CF-BE-03-ISO	BASE - AT FLOOR W/EXTRUSION - ISO
AR-CF-BE-04	BASE - NOTCHED SLAB W/EXTRUSION
AR-CF-BE-04-A	Base - NOTCHED SLAB W/EXTRUSION
AR-CF-BE-04-ISO	BASE - NOTCHED SLAB W/EXTRUSION - ISO
AR-CF-BE-05	BASE - OVERHANG W/EXTRUSION
AR-CF-BE-05-A	BASE - OVERHANG W/EXTRUSION
AR-CF-BE-05-ISO	BASE - OVERHANG W/EXTRUSION - ISO

AR-CF-CE-01	OUTSIDE CORNER - W/TRIM
AR-CF-CE-01-A	OUTSIDE CORNER - W/TRIM
AR-CF-CE-02	OUTSIDE CORNER - (MITERED) W/TRIM
AR-CF-CE-02-A	OUTSIDE CORNER - (MITERED) W/TRIM
AR-CF-CE-03	OUTSIDE CORNER - FACTORY FOLDED PANEL
AR-CF-CE-03-A	OUTSIDE CORNER - FACTORY FOLDED PANEL
AR-CF-CE-04	OUTSIDE CORNER - TWO PIECE EXTRUSION
AR-CF-CE-04-A	OUTSIDE CORNER - TWO PIECE EXTRUSION
AR-CF-CE-05	INSIDE CORNER - TRIM
AR-CF-CE-05-A	INSIDE CORNER - TRIM
AR-CF-CE-06	INSIDE CORNER - TRIMLESS END W/GASKET

**ARCHITECTURAL**

**INDEX SHEET 1**

**AR-CF-INDEX-1**

DATE: Jul '19

AR-CF-CE-06-A	INSIDE CORNER - TRIMLESS END W/GASKET
AR-CF-CE-07	INSIDE CORNER - W/TWO PIECE CORNER EXTRUSION
AR-CF-CE-07-A	INSIDE CORNER - W/TWO PIECE CORNER EXTRUSION

AR-CF-VJ-01	VERTICAL JOINT - W/TRIMLESS ENDS AND GASKET
AR-CF-VJ-01-A	VERTICAL JOINT - W/TRIMLESS ENDS AND GASKET
AR-CF-VJ-02	VERTICAL JOINT - TRIMLESS ENDS AND WET SEAL
AR-CF-VJ-02-A	VERTICAL JOINT - TRIMLESS ENDS AND WET SEAL
AR-CF-VJ-03	VERTICAL JOINT - W/EXTRUSION
AR-CF-VJ-03-A	VERTICAL JOINT - W/EXTRUSION
AR-CF-VJ-04	VERTICAL JOINT - RUNNING BOND PATTERN
AR-CF-VJ-05	VERTICAL JOINT - RUNNING BOND SEALANTS
AR-CF-VJ-06	VERTICAL JOINT - RUNNING BOND SEALANTS - ISO

AR-CF-HD-01	FRAMED OPENING HEAD - W/DRIP EDGE TRIM
AR-CF-HD-01-A	FRAMED OPENING HEAD - W/DRIP EDGE TRIM
AR-CF-HD-02	FRAMED OPENING HEAD - OFF MODULE W/DRIP EDGE TRIM
AR-CF-HD-02-A	FRAMED OPENING HEAD - OFF MODULE W/DRIP EDGE TRIM
AR-CF-HD-03	FRAMED OPENING HEAD - EXTRUSION
AR-CF-HD-03-A	FRAMED OPENING HEAD - EXTRUSION
AR-CF-HD-04	FRAMED OPENING HEAD - OFF MODULE W/TWO PIECE EXTRUSION
AR-CF-HD-04-A	FRAMED OPENING HEAD - OFF MODULE W/TWO PIECE EXTRUSION
AR-CF-JB-01	FRAMED OPENING JAMB - W/TWO PIECE TRIM
AR-CF-JB-01-A	FRAMED OPENING JAMB - W/TWO PIECE TRIM
AR-CF-JB-02	FRAMED OPENING JAMB - TRIMLESS END W/GASKETED REVEAL
AR-CF-JB-02-A	FRAMED OPENING JAMB - TRIMLESS END W/GASKETED REVEAL
AR-CF-JB-03	FRAMED OPENING JAMB - W/ONE PIECE TRIM
AR-CF-JB-03-A	FRAMED OPENING JAMB - W/ONE PIECE TRIM
AR-CF-JB-04	FRAMED OPENING JAMB - W/TWO PIECE EXTRUSION
AR-CF-JB-04-A	FRAMED OPENING JAMB - W/TWO PIECE EXTRUSION
AR-CF-SL-02	FRAMED OPENING SILL - OFF MODULE W/TRIM
AR-CF-SL-02-A	FRAMED OPENING SILL - OFF MODULE W/TRIM
AR-CF-SL-03	FRAMED OPENING SILL - OFF MODULE W/EXTRUSION
AR-CF-SL-03-A	FRAMED OPENING SILL - OFF MODULE W/EXTRUSION
AR-CF-HD-05	STOREFRONT HEAD - OFF MODULE
AR-CF-HD-05-A	STOREFRONT HEAD - OFF MODULE
AR-CF-JB-05	STOREFRONT JAMB - W/TRIM
AR-CF-JB-05-A	STOREFRONT JAMB - W/TRIM

AR-CF-AS-01	TRIM ASSEMBLY- FRAMED OPENING
AR-CF-AS-02	EXTRUSION ASSEMBLY - FRAMED OPENINGS
AR-CF-AS-03	METL-VISION - SILL
AR-CF-AS-04	METL-VISION - HEAD
AR-CF-AS-05	METL-VISION - INTERMEDIATE HORIZ. MULLION
AR-CF-AS-06	METL-VISION - JAMB W/GASKET
AR-CF-AS-07	METL-VISION - INTERMEDIATE VERT. MULLION
AR-CF-AS-08	METL-VISION - JAMB W/WET SEAL

AR-CF-SO-01	SOFFIT - W/REVEAL EXTRUSIONS
AR-CF-SO-01-A	SOFFIT - W/REVEAL EXTRUSIONS
AR-CF-SO-02	SOFFIT - TRIMLESS ENDS ON SOFFIT PANELS W/WET SEAL
AR-CF-SO-02-A	SOFFIT - TRIMLESS ENDS ON SOFFIT PANELS W/WET SEAL

AR-CF-PT-01	PARAPET (SUPPORTED) - OFF MODULE W/TRIM
AR-CF-PT-01-A	PARAPET (SUPPORTED) - OFF MODULE W/TRIM
AR-CF-PT-02	PARAPET (SUPPORTED) - W/TRIM
AR-CE-PT-02-A	PARAPET (SUPPORTED) - W/TRIM
AR-CF-PT-03	PARAPET (SUPPORTED) - OFF MODULE W/EXTRUSION
AR-CF-PT-03-A	PARAPET (SUPPORTED) - OFF MODULE W/EXTRUSION

AR-CF-EL-01	PARAPET - LAP STRIP INSTALLATION
AR-CF-EL-02	TRIM END LAP - BASE
AR-CF-EL-03	TRIM END LAP - INTERIOR CORNER
AR-CF-EL-04	TRIM END LAP - EXTERIOR CORNER
AR-CF-EL-05	TRIM END LAP - SILL
AR-CF-EL-06	TRIM END LAP - TWO PIECE JAMBS
AR-CF-EL-07	MENDING PLATE SHINGLE LAP

AR-CF-2-EXT	2" EXTRUSIONS
AR-CF-2.5-EXT	2.5" EXTRUSIONS
AR-CF-3-EXT	3" EXTRUSIONS
AR-CF-4-EXT	4" EXTRUSIONS
AR-CF-LS-01	LAP STRIPS
AR-CF-LS-02	LAP STRIPS
AR-CF-LS-03	LAP STRIPS

AR-CF-PEN-01	PIPE PENETRATION - FIELD OF PANEL
AR-CF-PEN-02	PIPE PENETRATION - NOTCHED PANEL
AR-CF-PEN-03	PIPE PENETRATION - AT PANEL JOINT
AR-CF-PEN-04	PIPE PENETRATION - FLASHING
AR-CF-PEN-05	PIPE PENETRATION - FLASHING
AR-CF-PEN-06	BEAM PENETRATION
AR-CF-PEN-07	BEAM PENETRATION - FLASHING

## DISCLAIMER:

These details are based on industry accepted practices and provide a guideline for proper insulated metal panel and component installation.

The location of vapor barriers and associated sealants shown in these details is based on standard design practices for *commercial industrial* applications for most U.S. and Canadian climatic zones. The default vapor barrier location is on the warm side in winter (the interior side of the panels).

For horizontal panel applications, Metl-Span recommends sealing *both* the interior and exterior panel joints for optimum weather protection.

*It is the sole responsibility of the project architect to verify insulation required by code and HVAC equipment/ventilation requirements to allow proper air flow and the prevention of condensation.*

*It is also the sole responsibility of the project architect to determine project-specific design loads. Metl-Span Technical Services is available to verify allowable panel spans and fastening requirements when provided with this information.*

*The details contained herein show side joint fastening only. Please contact Metl-Span technical services for project-specific fastening requirements.*

*All structural supports are shown for clarity only, and are not provided by Metl-Span.*

**Butyl caulk:** Used to seal both interior and exterior panel joints. Butyl caulk is also used to create "marriage beads" which tie the panel sidejoint vapor seals to panel endjoint vapor seals. Butyl caulk is considered "non-skinning", which means it stays soft, flexible, and does not harden. *Butyl caulk is for unexposed areas only, and cannot be used where it will be exposed to weather or sunlight.*

**Butyl sealant tape:** Applied between flashings and panels to form a weathertight seal. All fasteners penetrating the flashing must be inserted through the sealant tape.

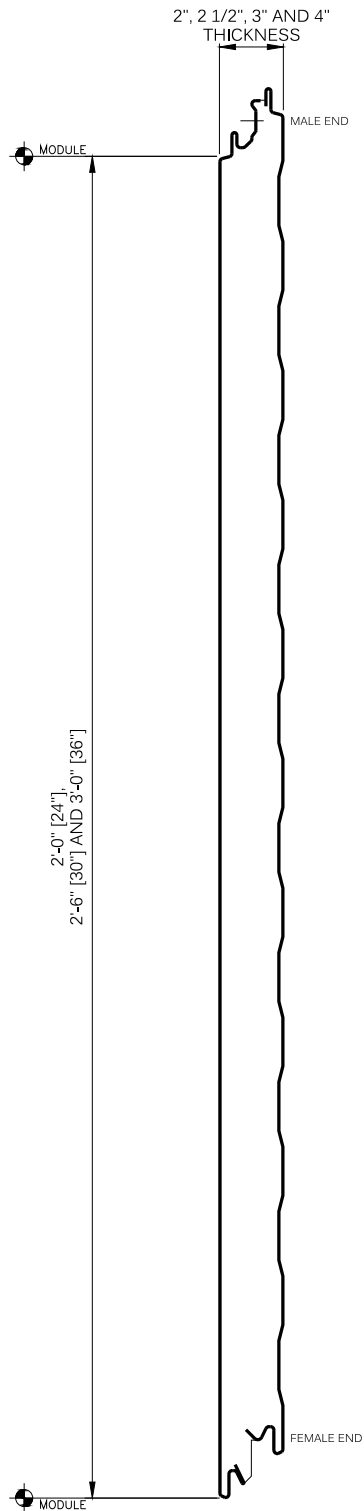
**Urethane caulk:** Used in lieu of butyl sealant where there is exposure to the elements. It is recommended for lapped trims, exposed perimeter seals at framed openings or to seal between different construction materials, such as metal to concrete.

**Panel fasteners:** Insulated metal panel fasteners are generally either self-drilling/self-tapping (also known as TEK screws), or self-tapping (also known as B point screws).

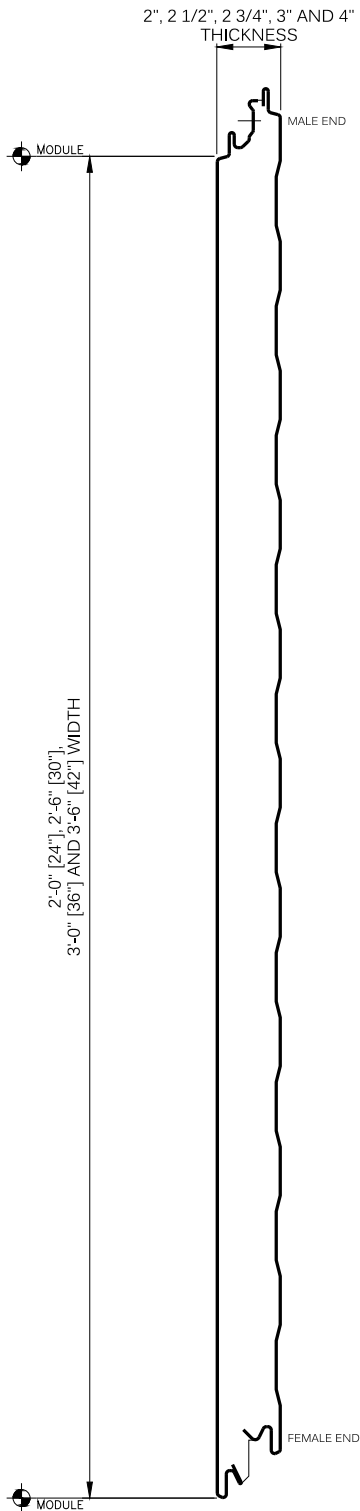
TEK Fasteners contain a built-in drill point, and do not require pre-drilling. They are the quickest and easiest way to attach panels to light-medium gauge supports.

B Point fasteners require a two-step operation: First holes are pre-drilled into the panel and structural support with an appropriate sized bit, then the fastener is inserted into the hole and tightened. B points are typically used to attach panels to medium-heavy gauge supports that are not penetrable by TEK fasteners. It is important that the pre-drilled holes are sized correctly for the fasteners to achieve proper pullout values.

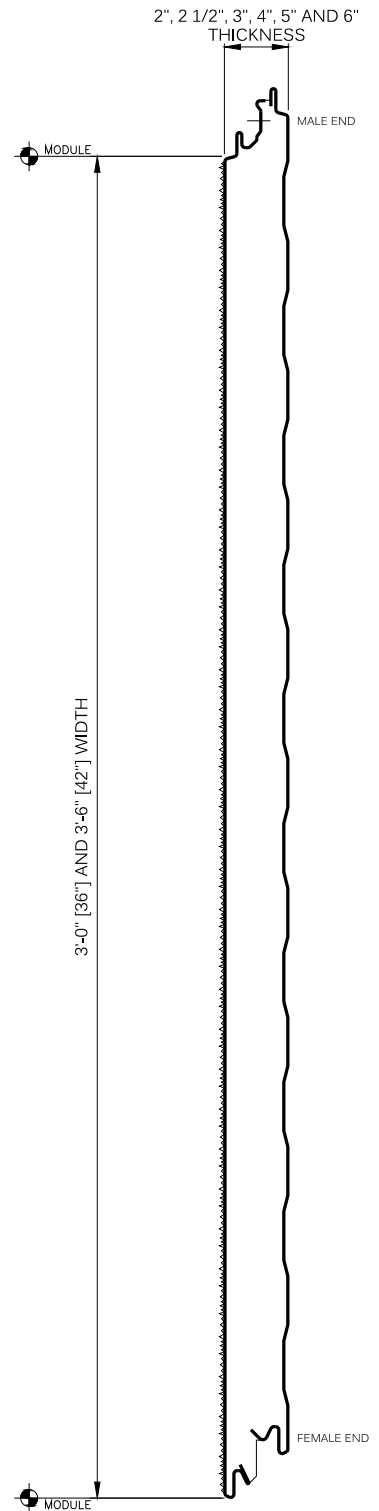
**Bulb-Tite® Rivets:** Are similar to expansion fasteners, and are used where back fastening of the panels to structural supports is required. Holes must be pre-drilled with a 5/16" diameter. The grip range of the rivets must be matched to the thickness of the structural support to ensure proper fastening.



CF-36A, CF-30A, CF-24A  
ARCHITECTURAL FLAT/  
LIGHT MESA



CF-36, CF-42, CF-30, CF-24  
SANTA FE/  
LIGHT MESA



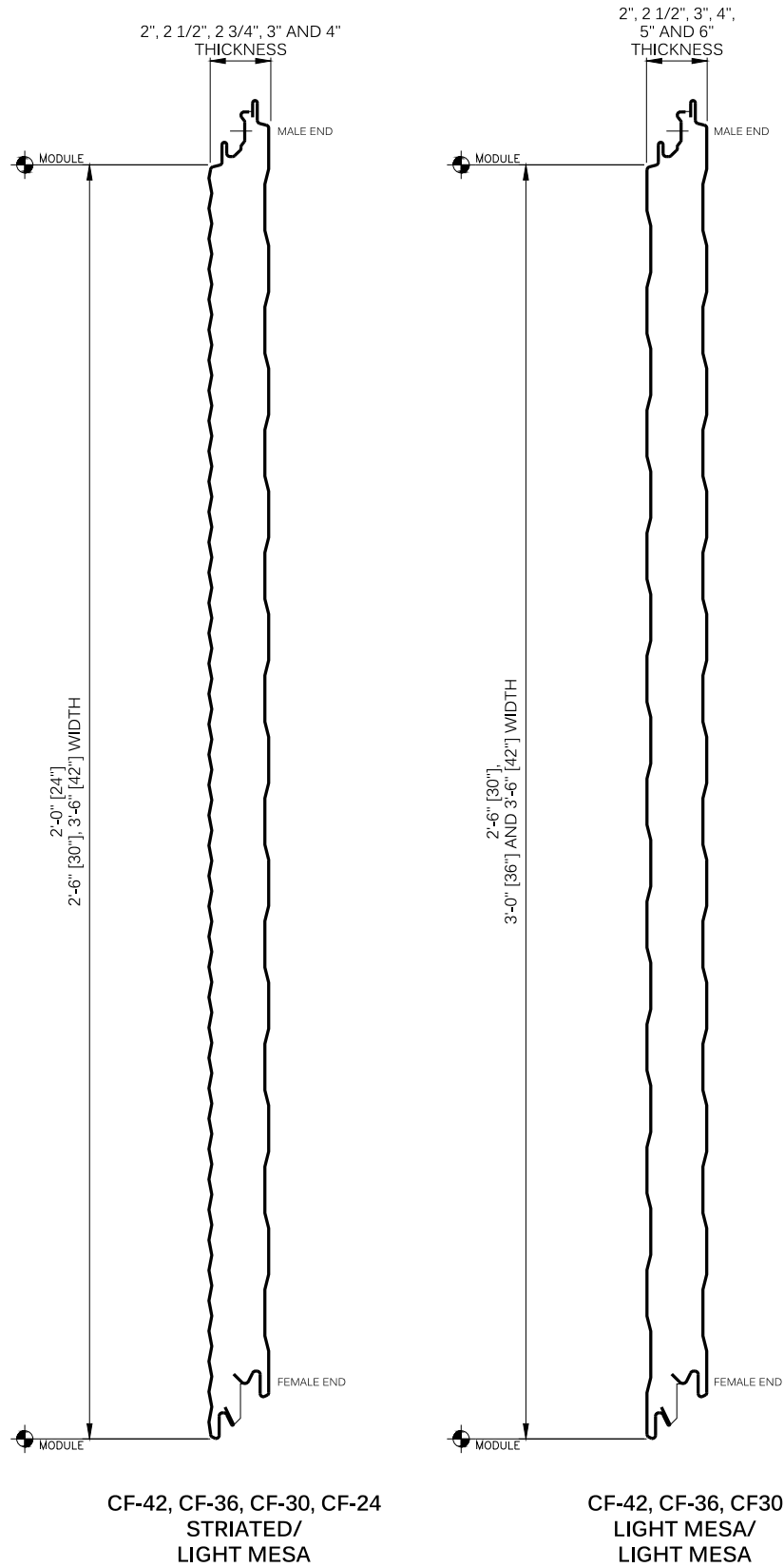
CF-36, CF-42  
TUFF-CAST, TUFF-WALL/  
LIGHT MESA

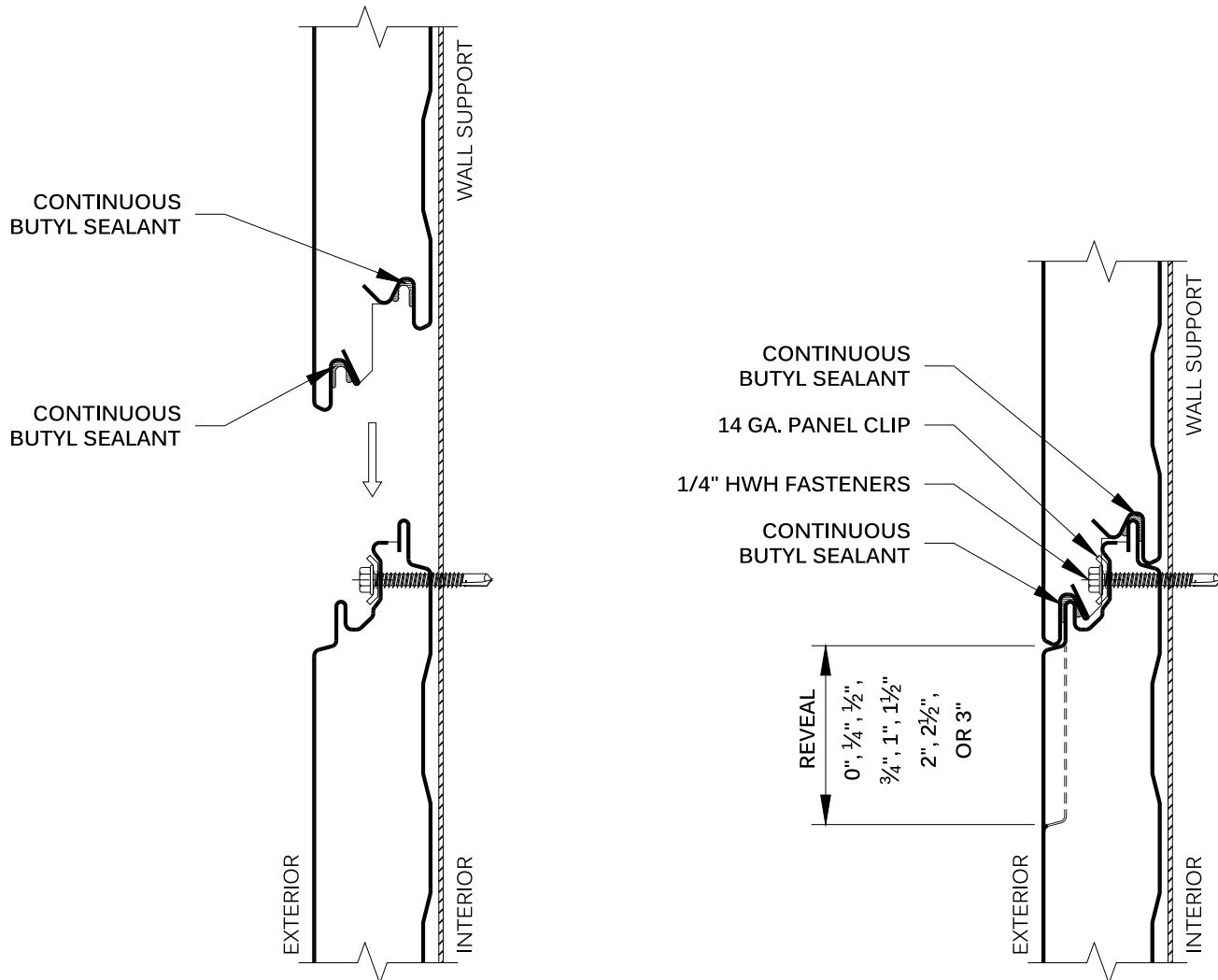
ARCHITECTURAL

PANELS - FLAT

AR-CF-JT-01

DATE: Jul '19





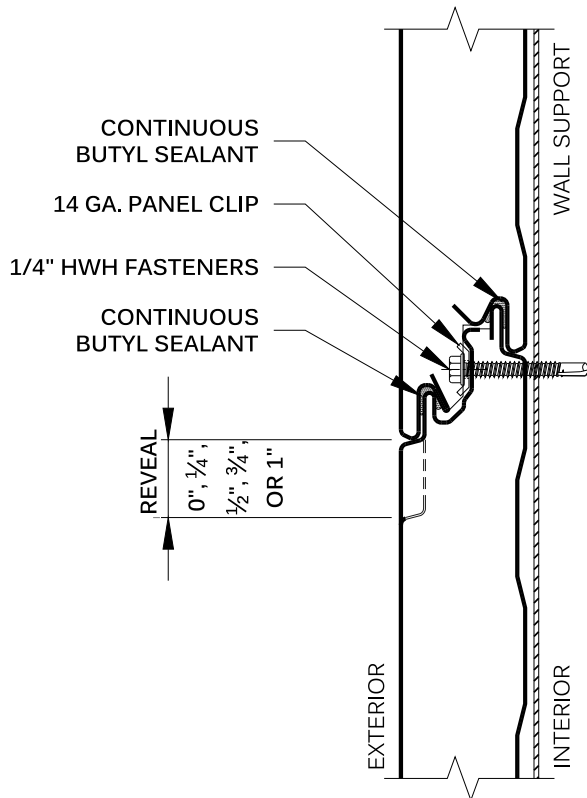
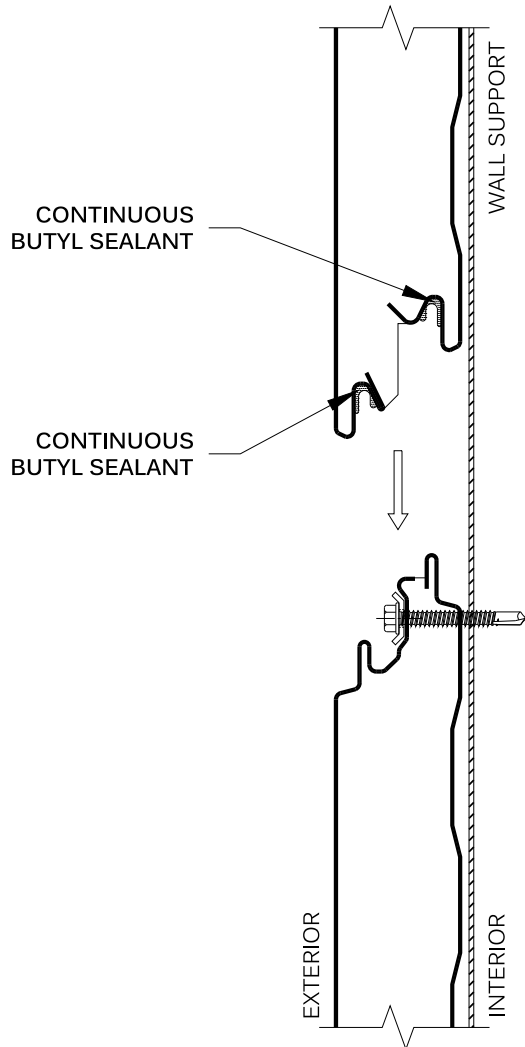
REFER TO SHEET "AR-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

ARCHITECTURAL

CF PANEL JOINT -  
ARCHITECTURAL FLAT

AR-CF-JT-03

DATE: Jul '19



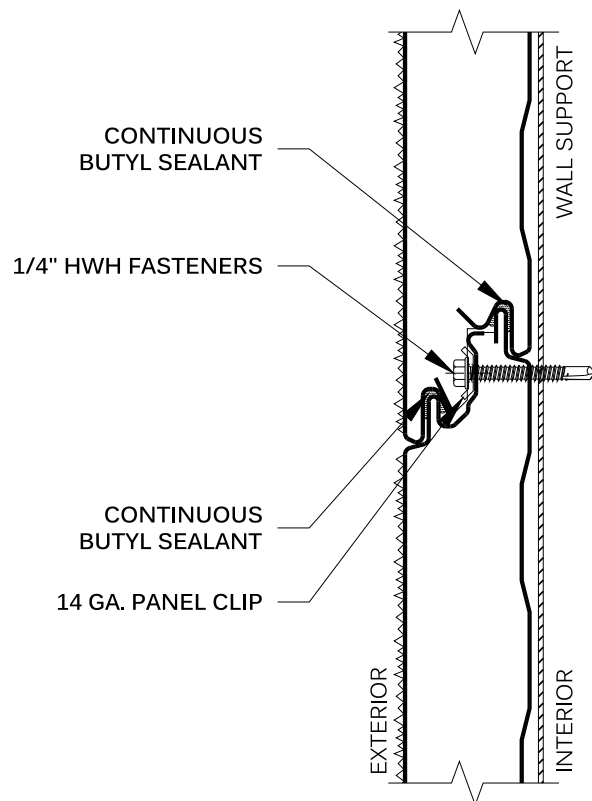
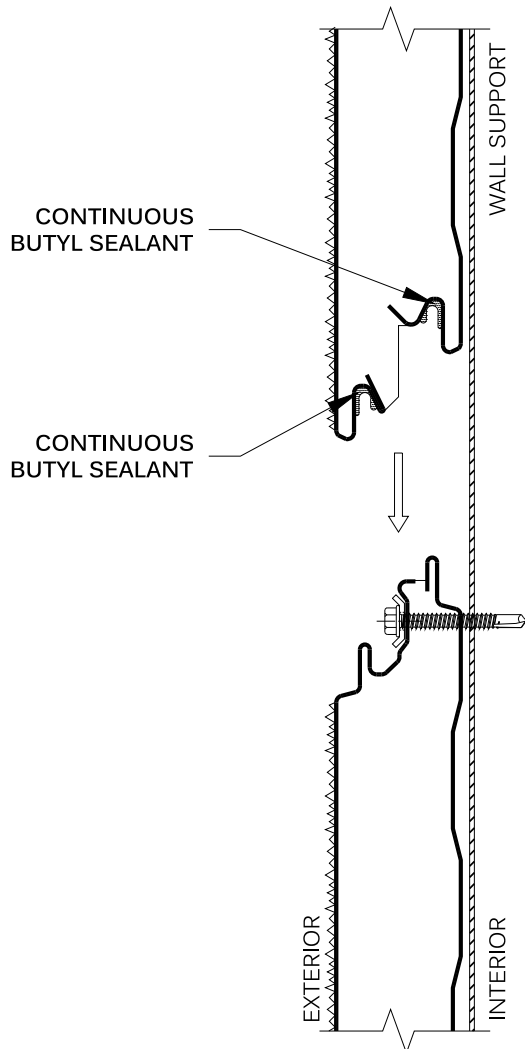
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CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

ARCHITECTURAL

CF PANEL JOINT -  
SANTE FE

AR-CF-JT-04

DATE: Jul '19



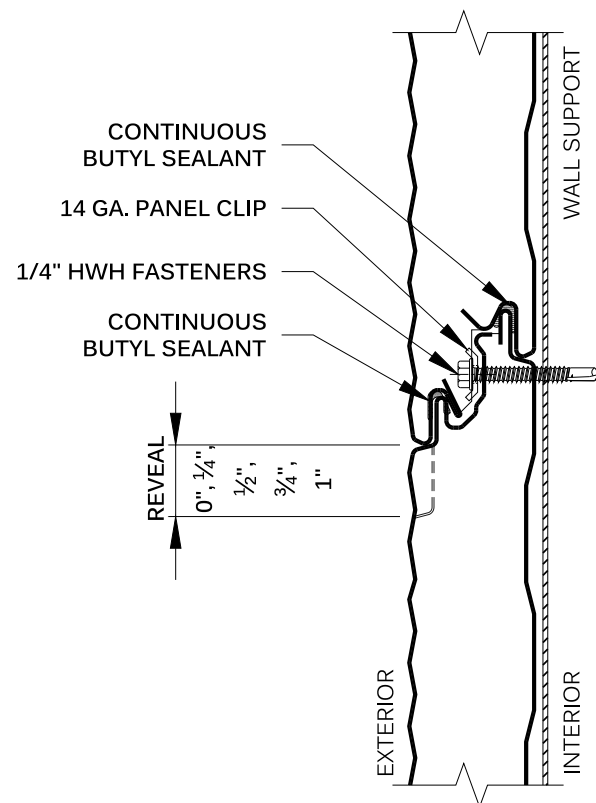
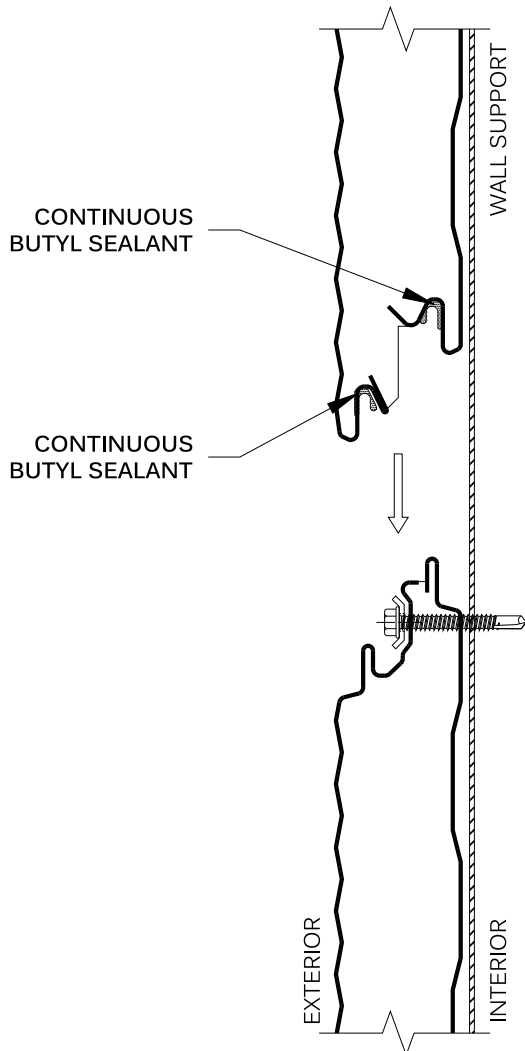
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CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

ARCHITECTURAL

CF PANEL JOINT -  
TUFF-CAST, TUFFWALL

AR-CF-JT-05

DATE: Jul '19



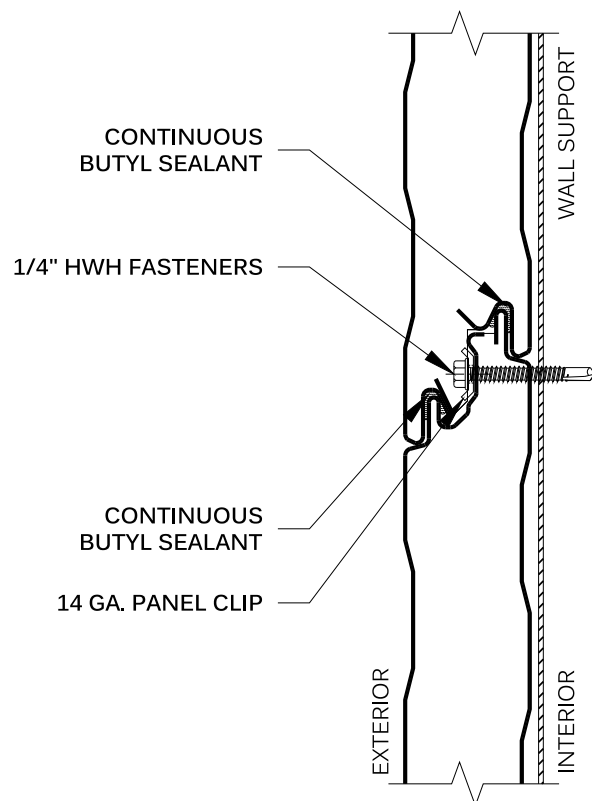
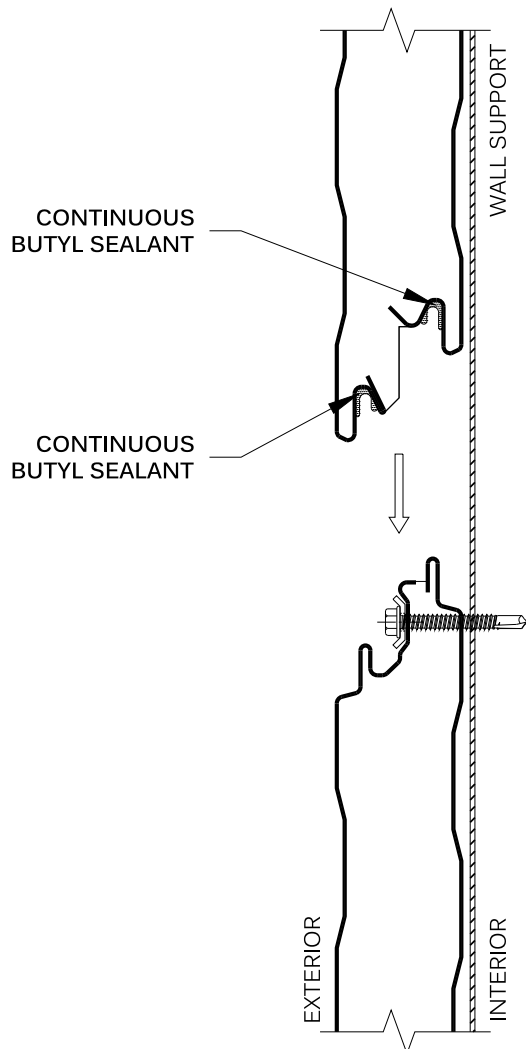
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CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

ARCHITECTURAL

CF PANEL JOINT -  
STRIATED

AR-CF-JT-06

DATE: Jul '19



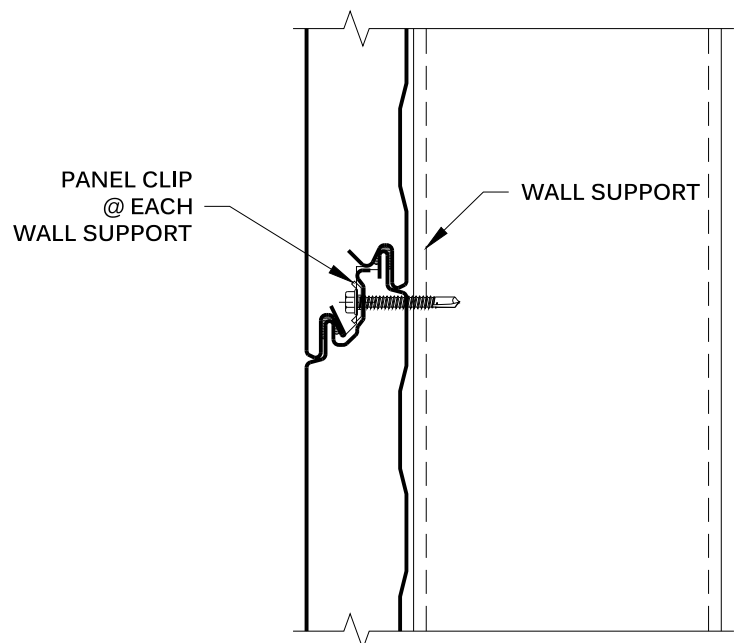
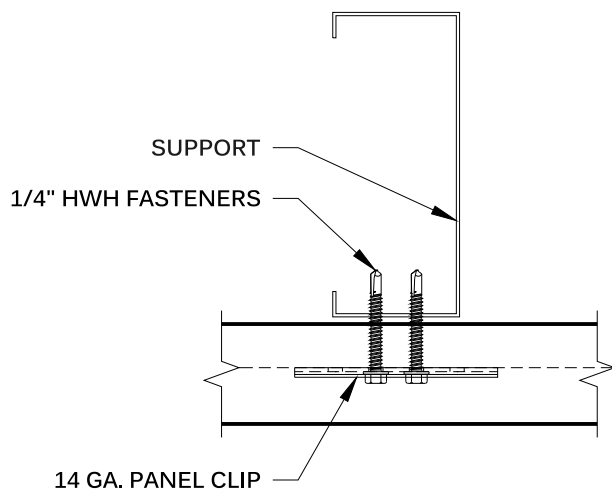
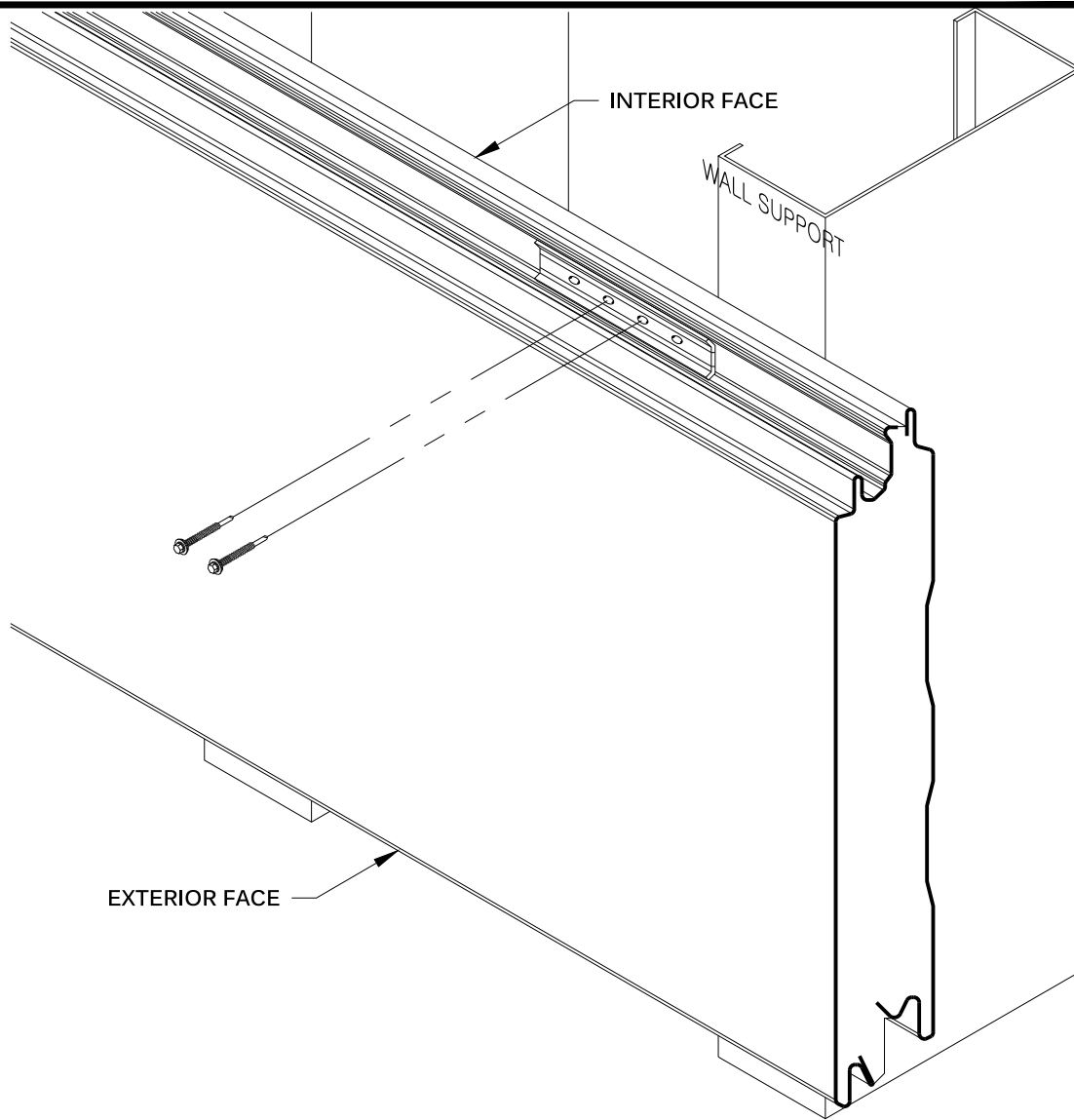
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CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

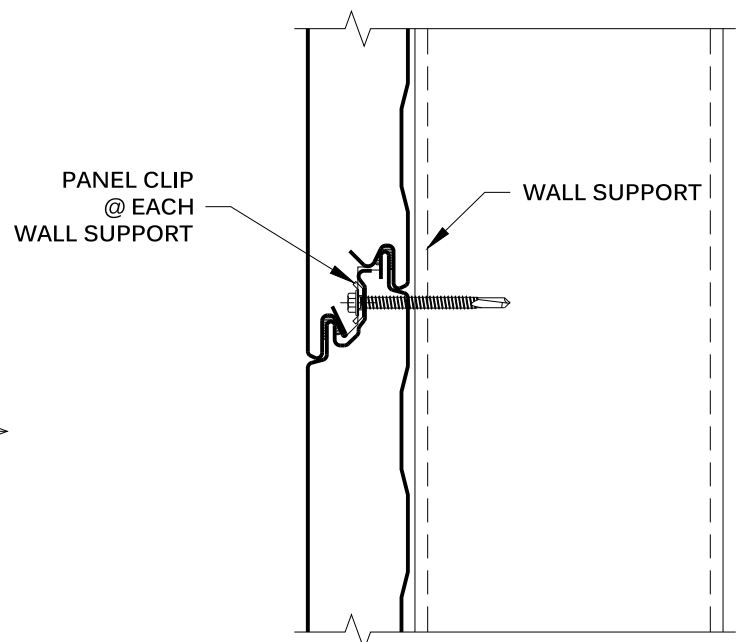
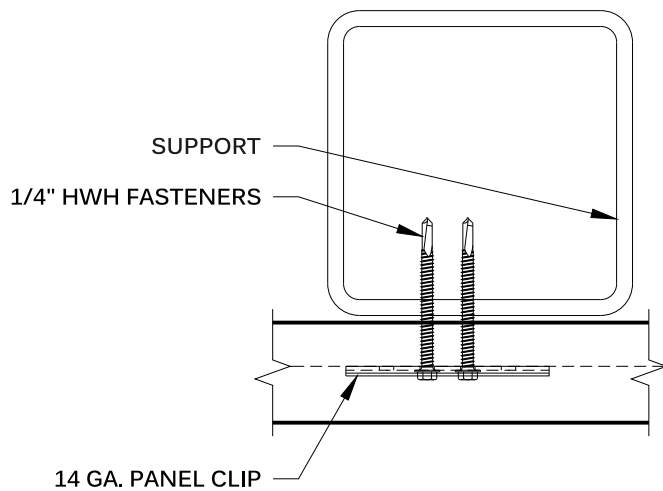
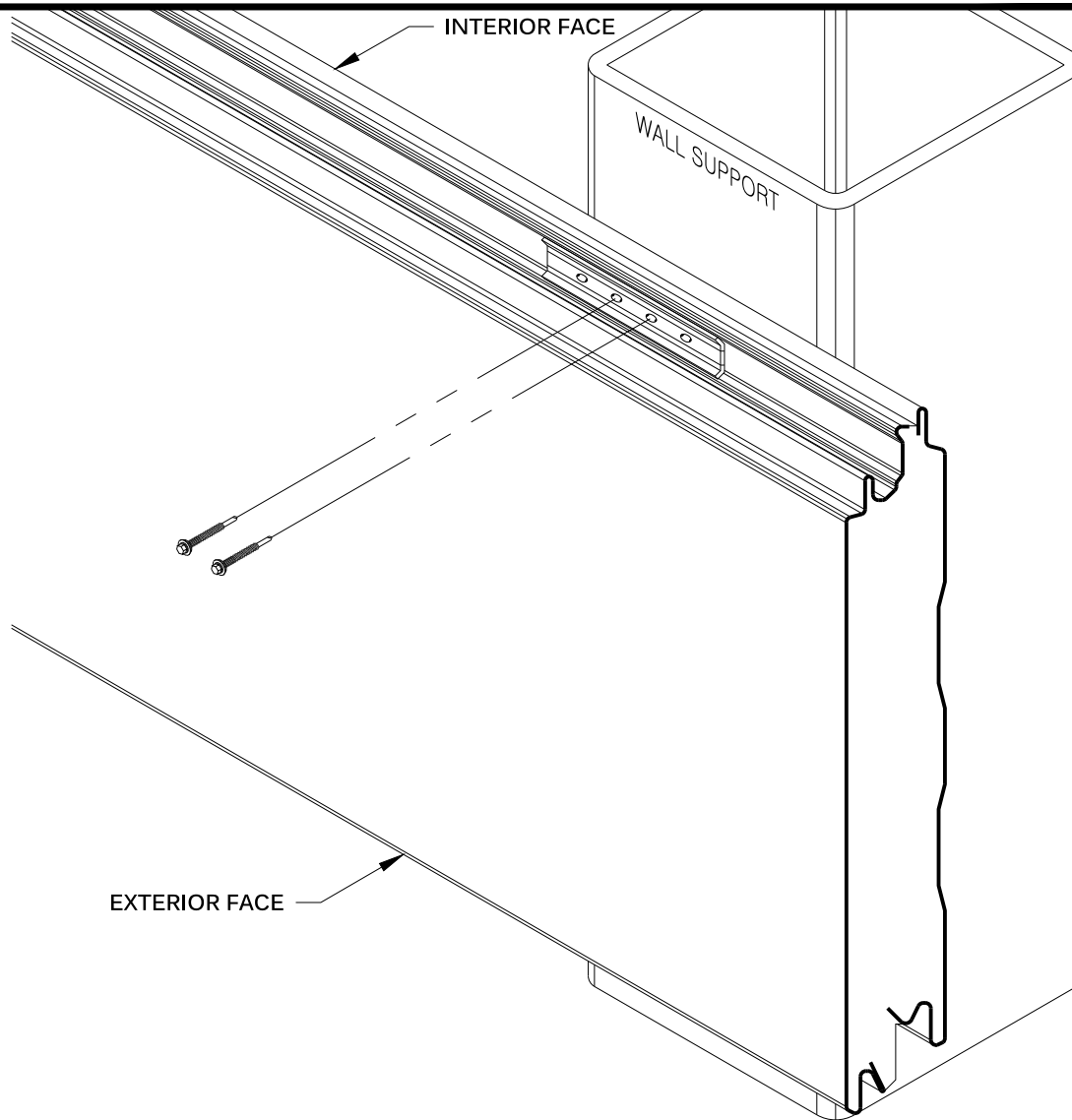
ARCHITECTURAL

CF PANEL JOINT -  
LT MESA

AR-CF-JT-07

DATE: Jul '19



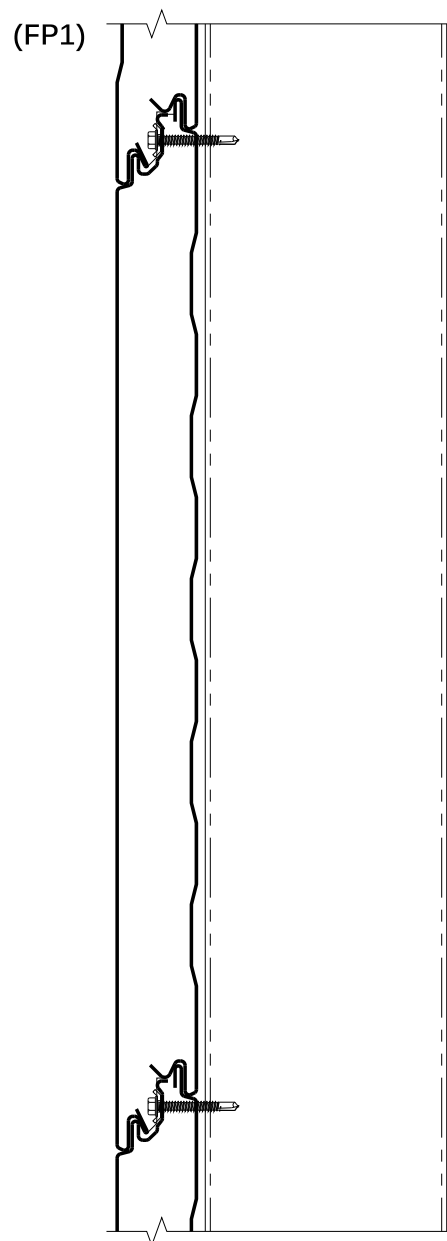


**ARCHITECTURAL**

**ATTACHMENT - SIDE JOINT -  
TUBE STEEL**

**AR-CF-JT-09**

DATE: Jul '19



**FASTENING PATTERN 1  
SIDE JOINT FASTENING**

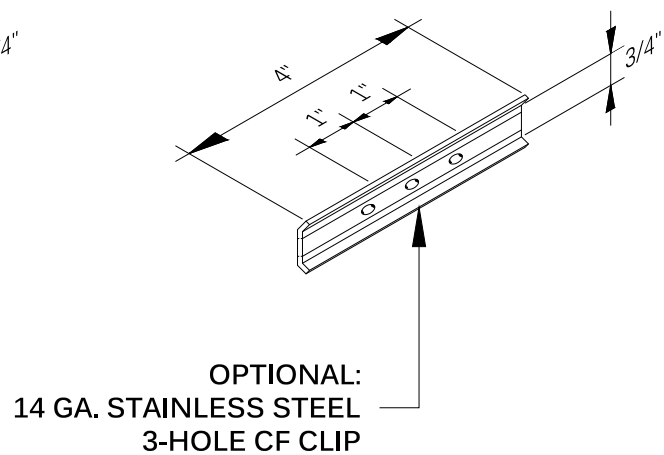
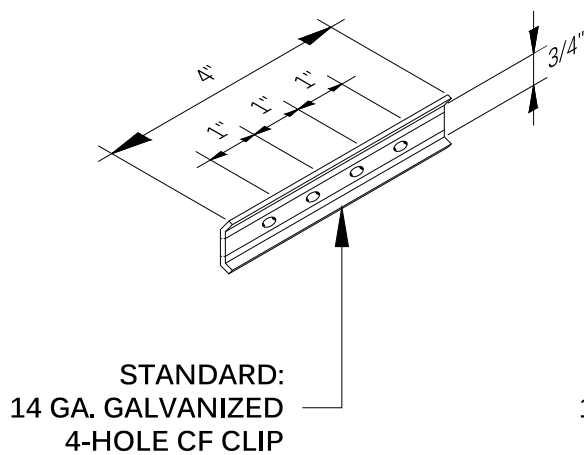
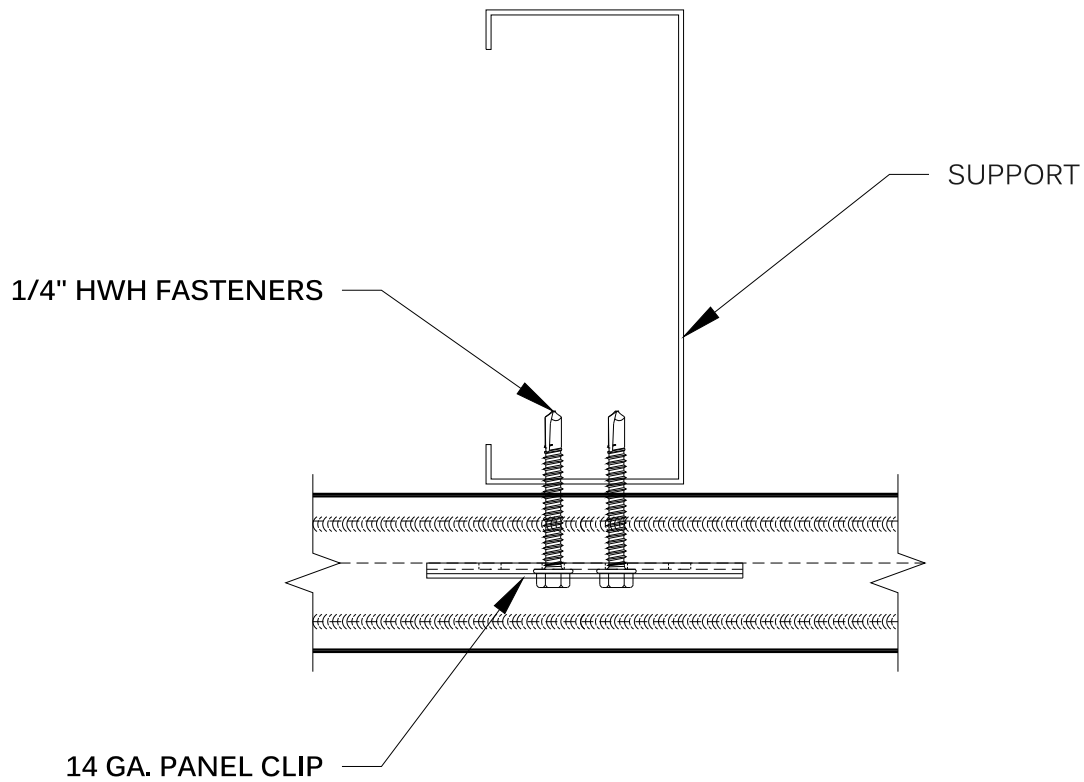
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FASTENING REQUIREMENTS)

**ARCHITECTURAL**

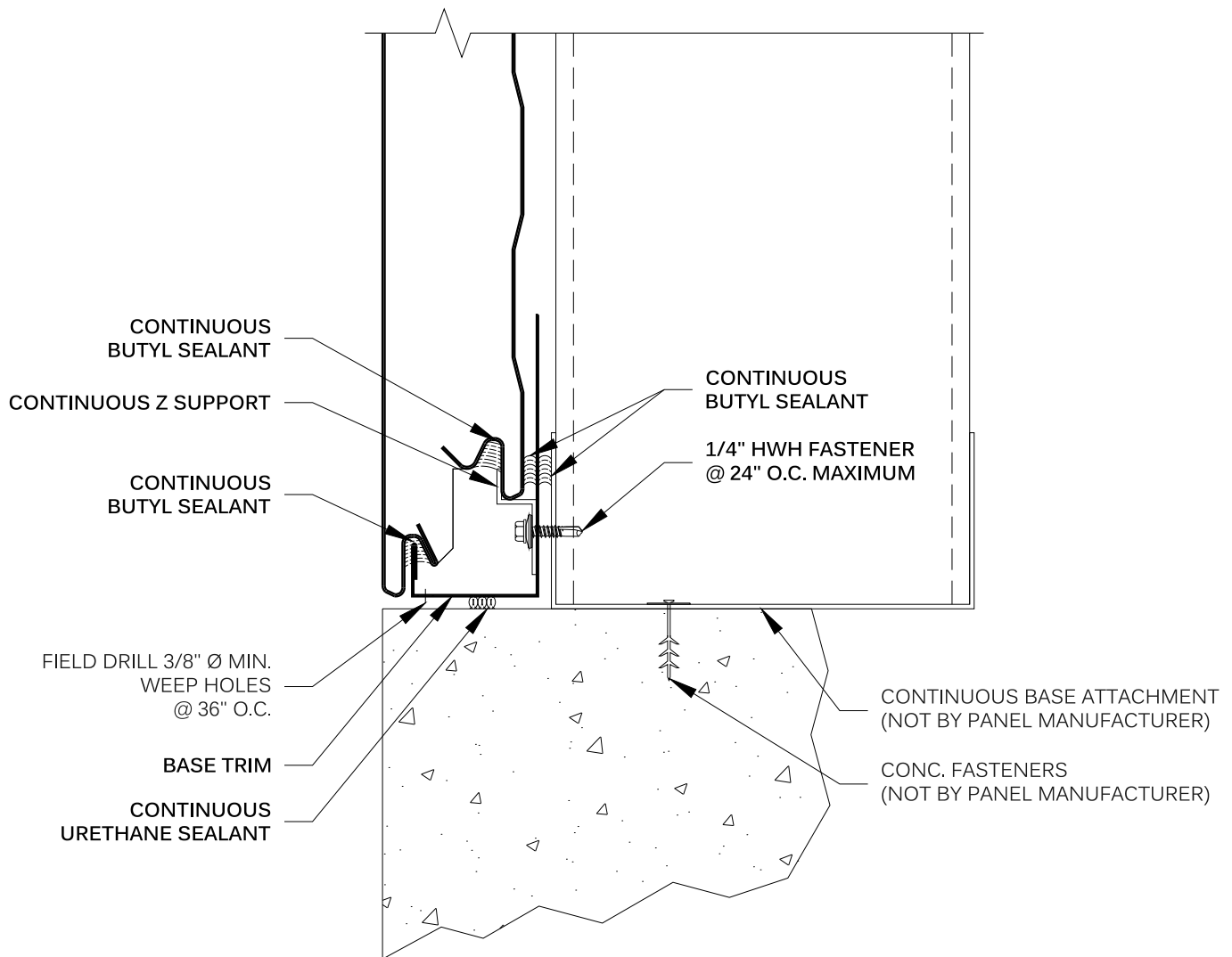
**FASTENING PATTERN**

**AR-CF-FSTN-01**

DATE: Jul '19



(CONSULT TECHNICAL SERVICES FOR PROJECT SPECIFIC  
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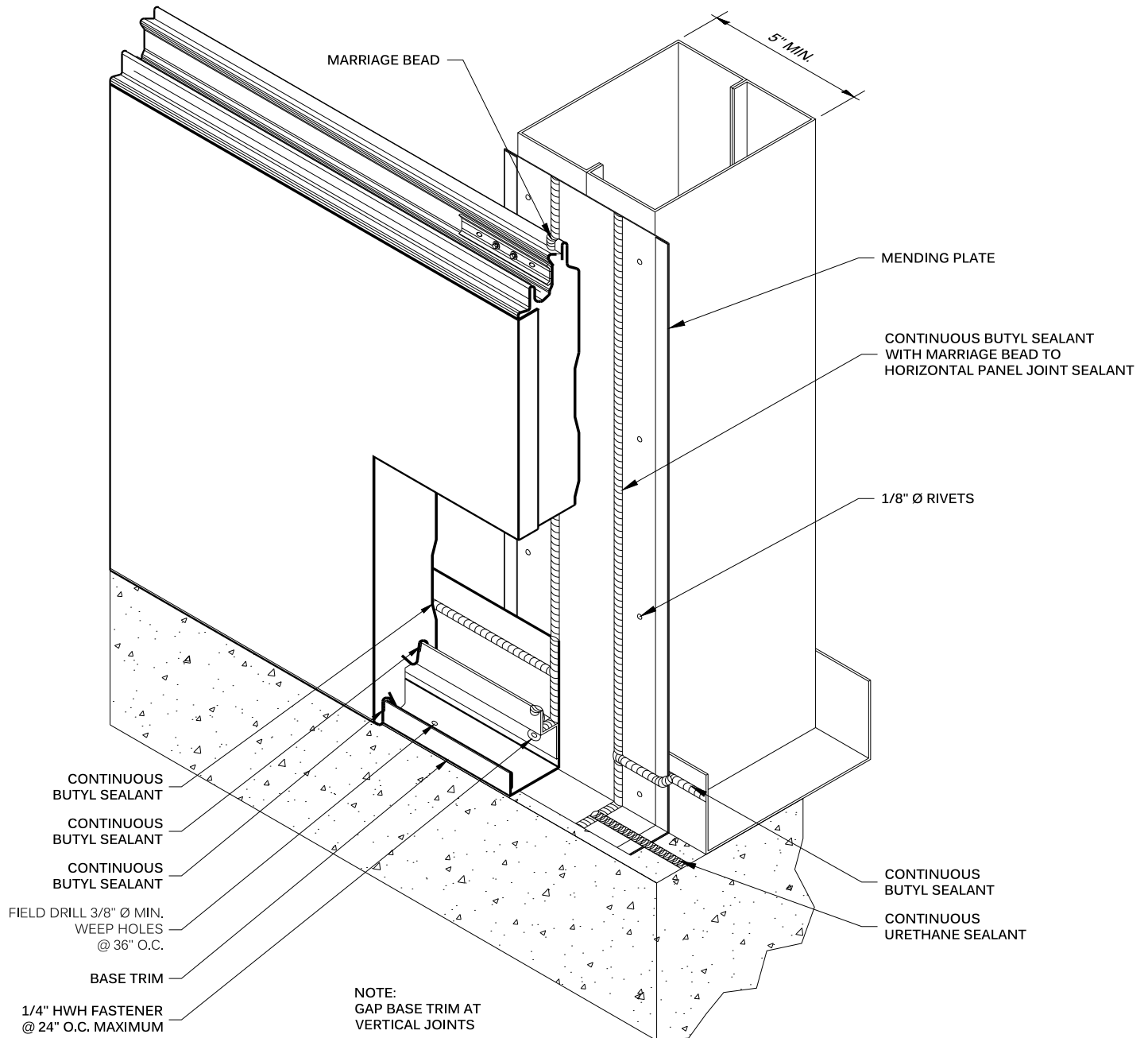


ARCHITECTURAL

BASE -  
FLUSH W/TRIM

AR-CF-BE-01

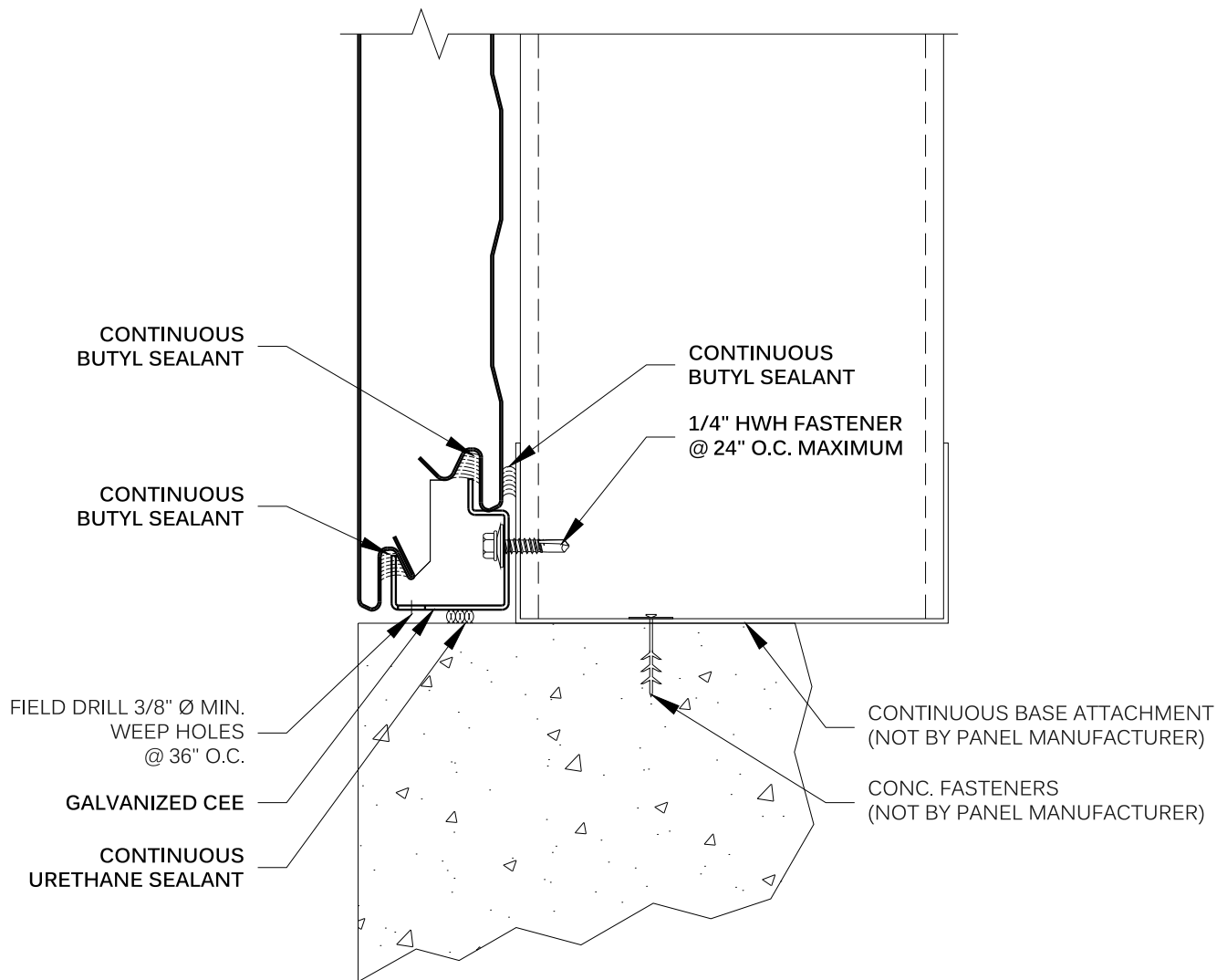
DATE: Jul '19



ARCHITECTURAL

BASE -  
FLUSH W/TRIM - ISO

AR-CF-BE-01-  
ISO  
DATE: Jul '19

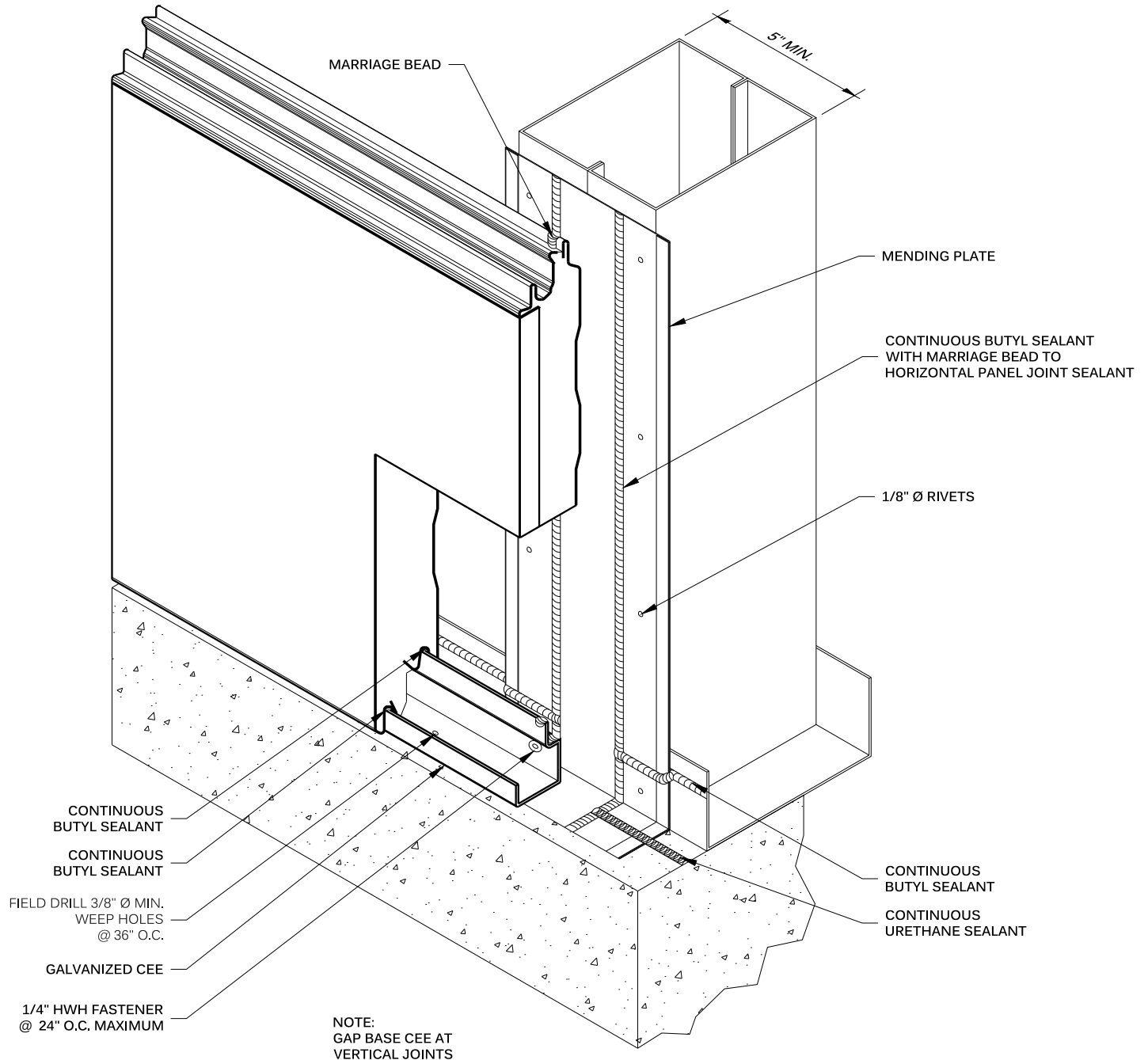


ARCHITECTURAL

BASE -  
FLUSH W/GALVANIZED CEE

AR-CF-BE-02

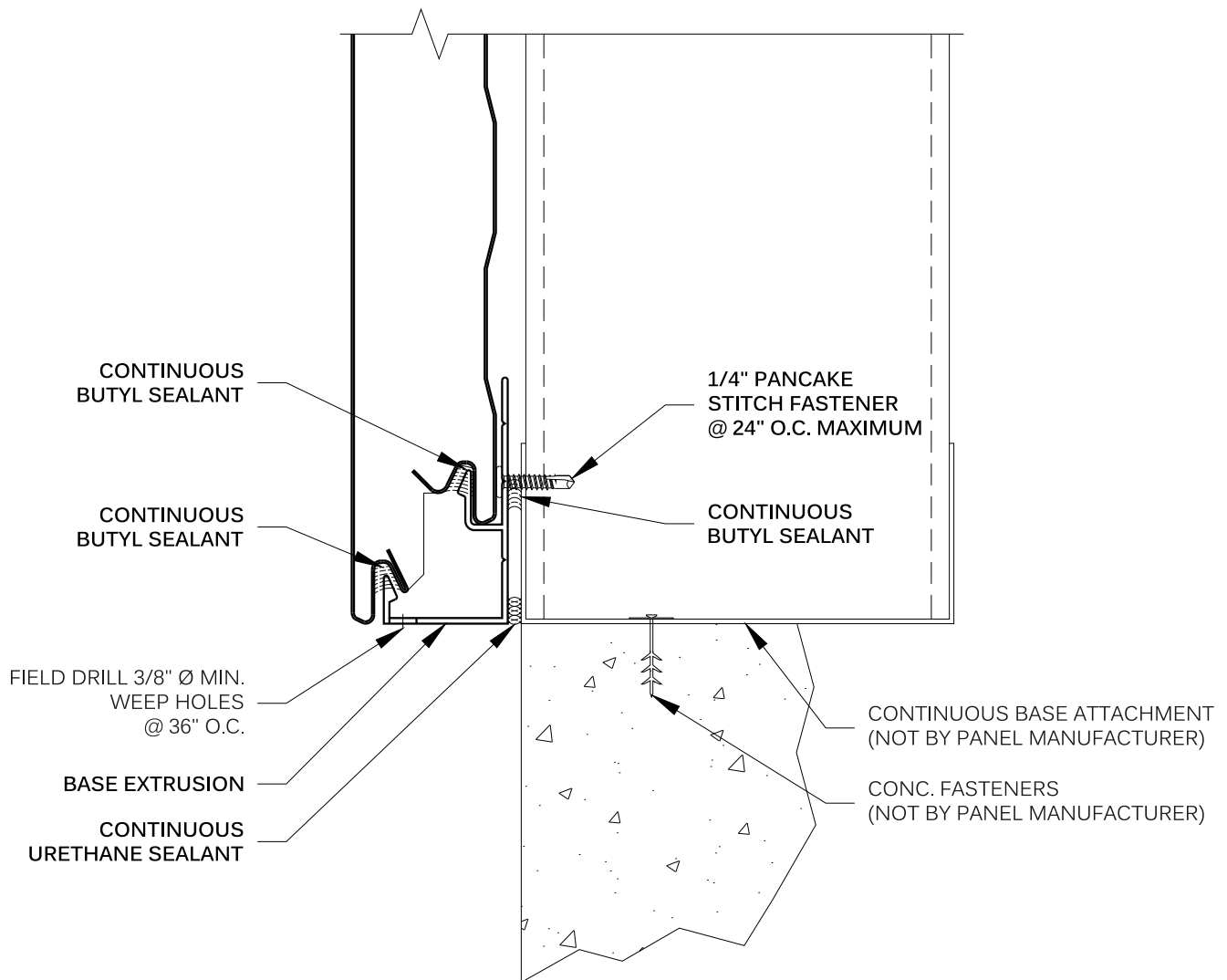
DATE: Jul '19



ARCHITECTURAL

BASE - FLUSH  
W/GALVANIZED CEE - ISO

AR-CF-BE-02-  
ISO  
DATE: Jul '19

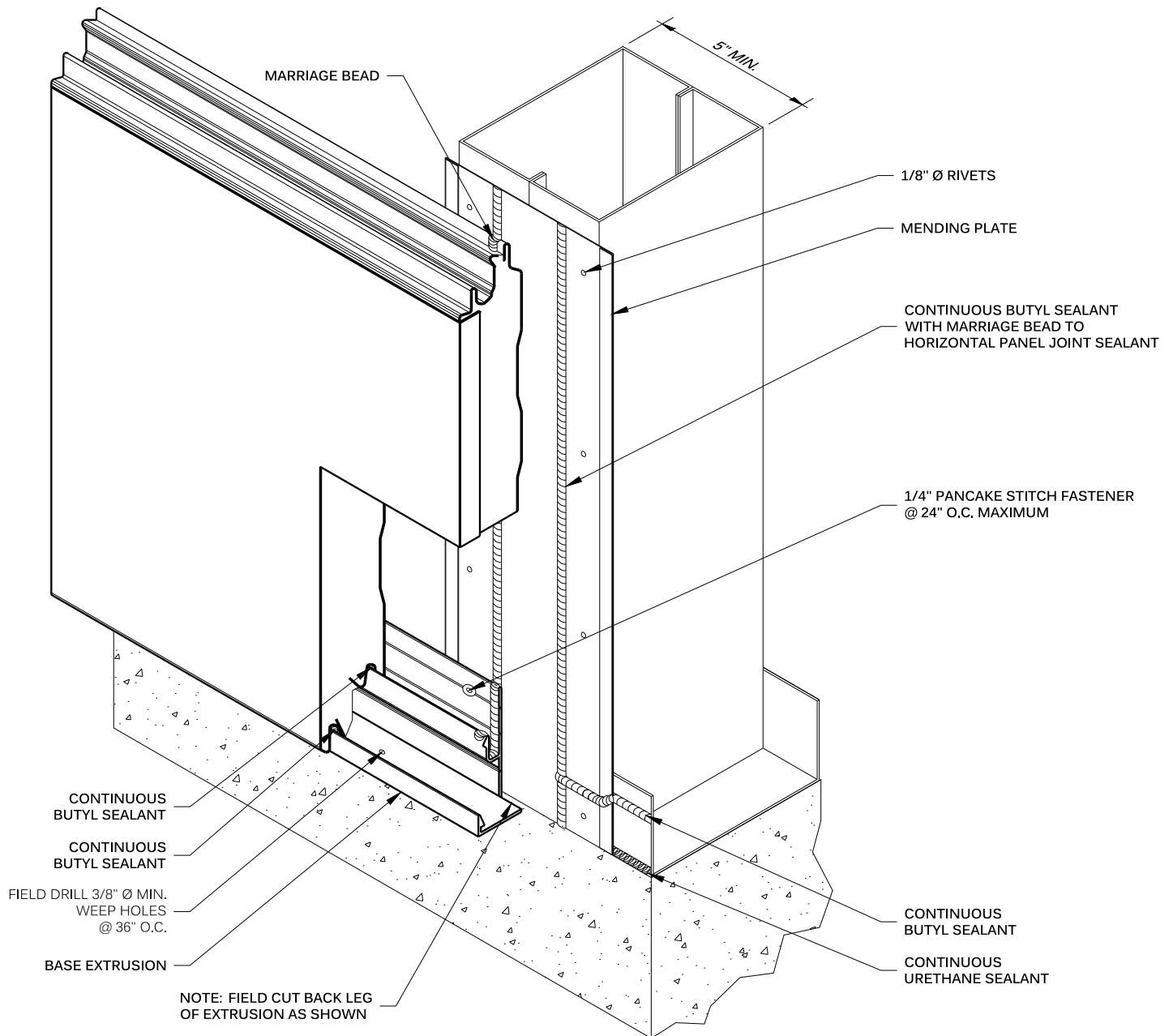


ARCHITECTURAL

BASE -  
AT FLOOR W/EXTRUSION

AR-CF-BE-03

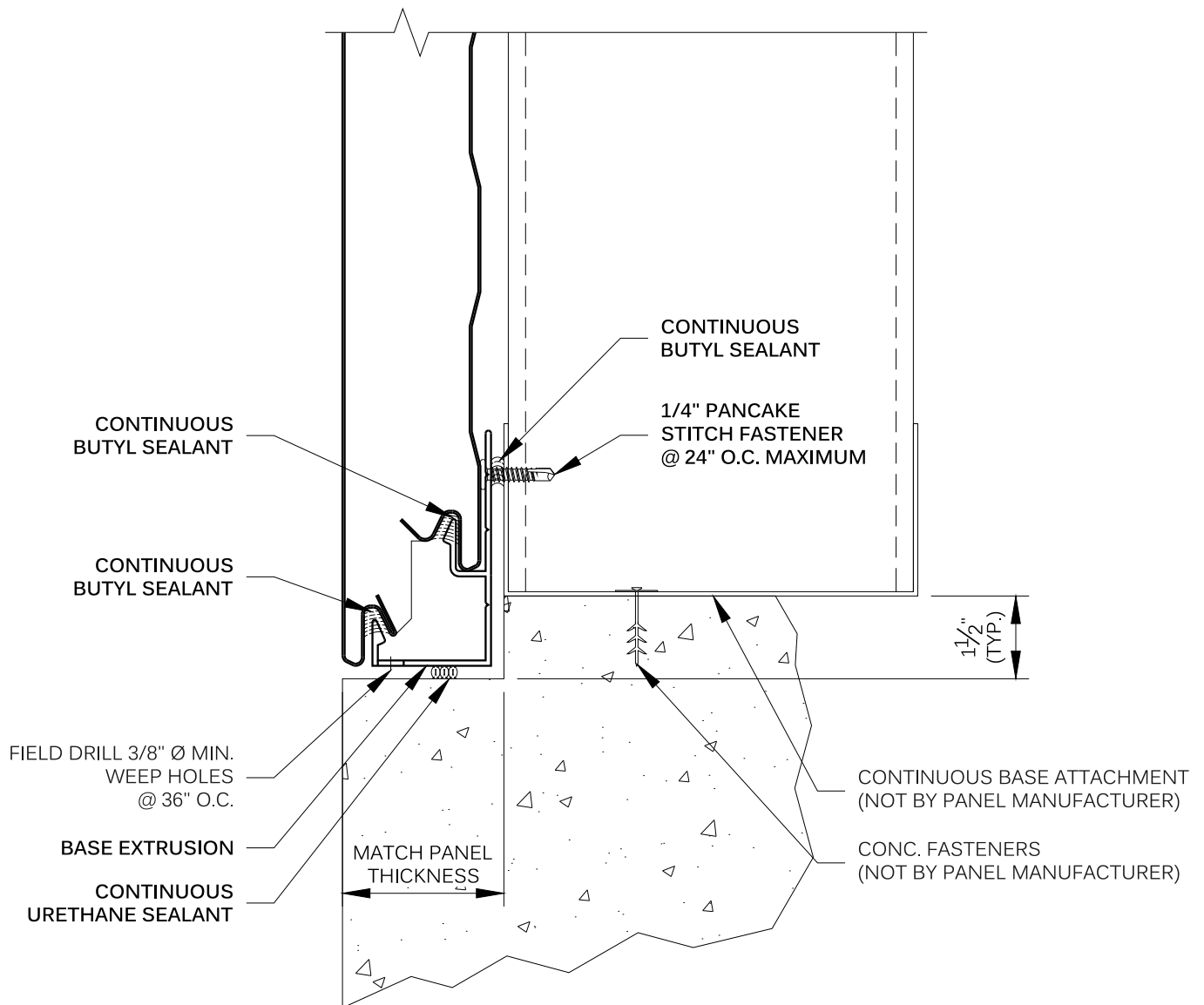
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ARCHITECTURAL

BASE -  
AT FLOOR W/EXTRUSION - ISO

AR-CF-BE-03-  
ISO  
DATE: Jul '19

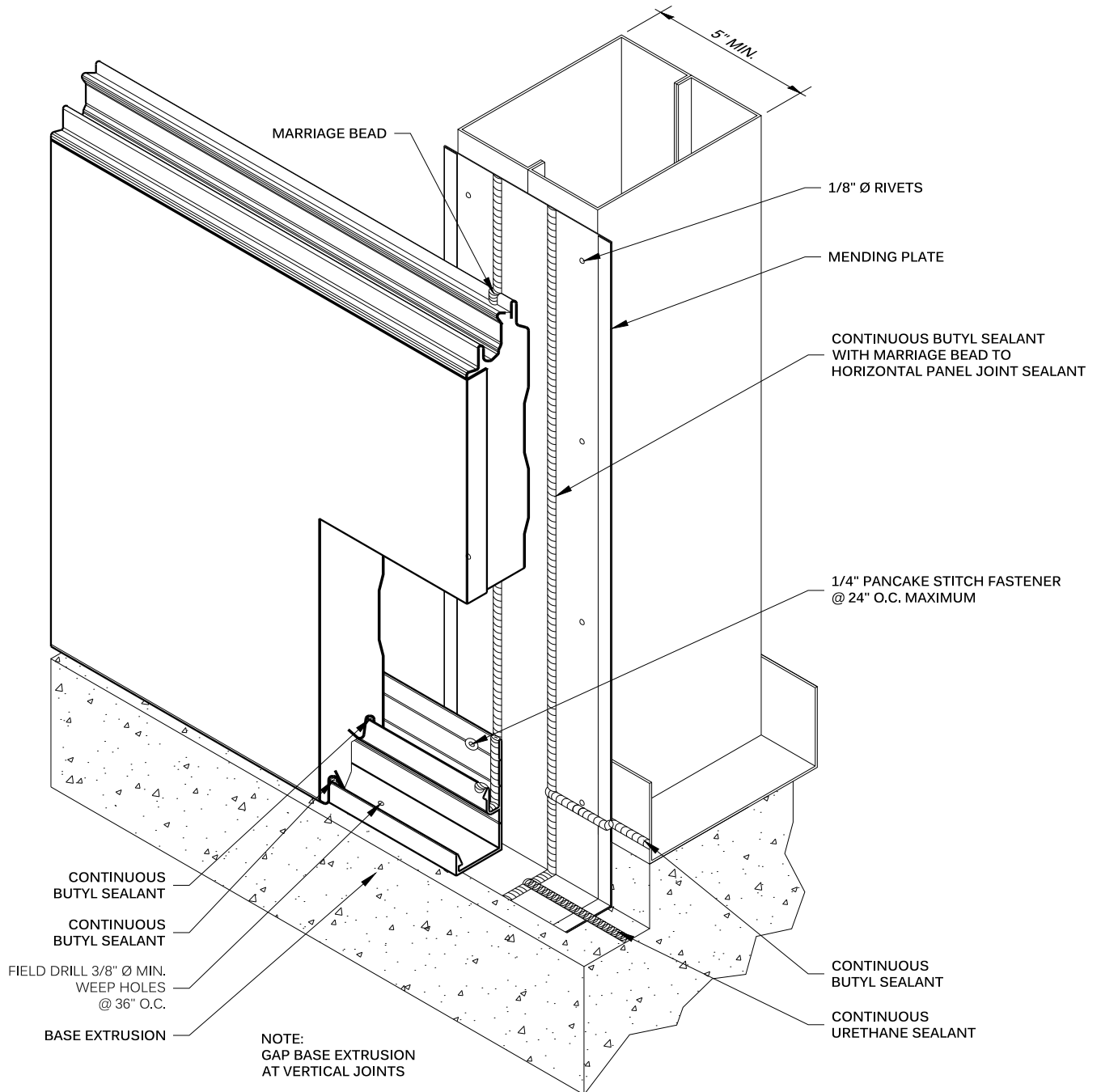


ARCHITECTURAL

BASE -  
NOTCHED SLAB W/EXTRUSION

AR-CF-BE-04

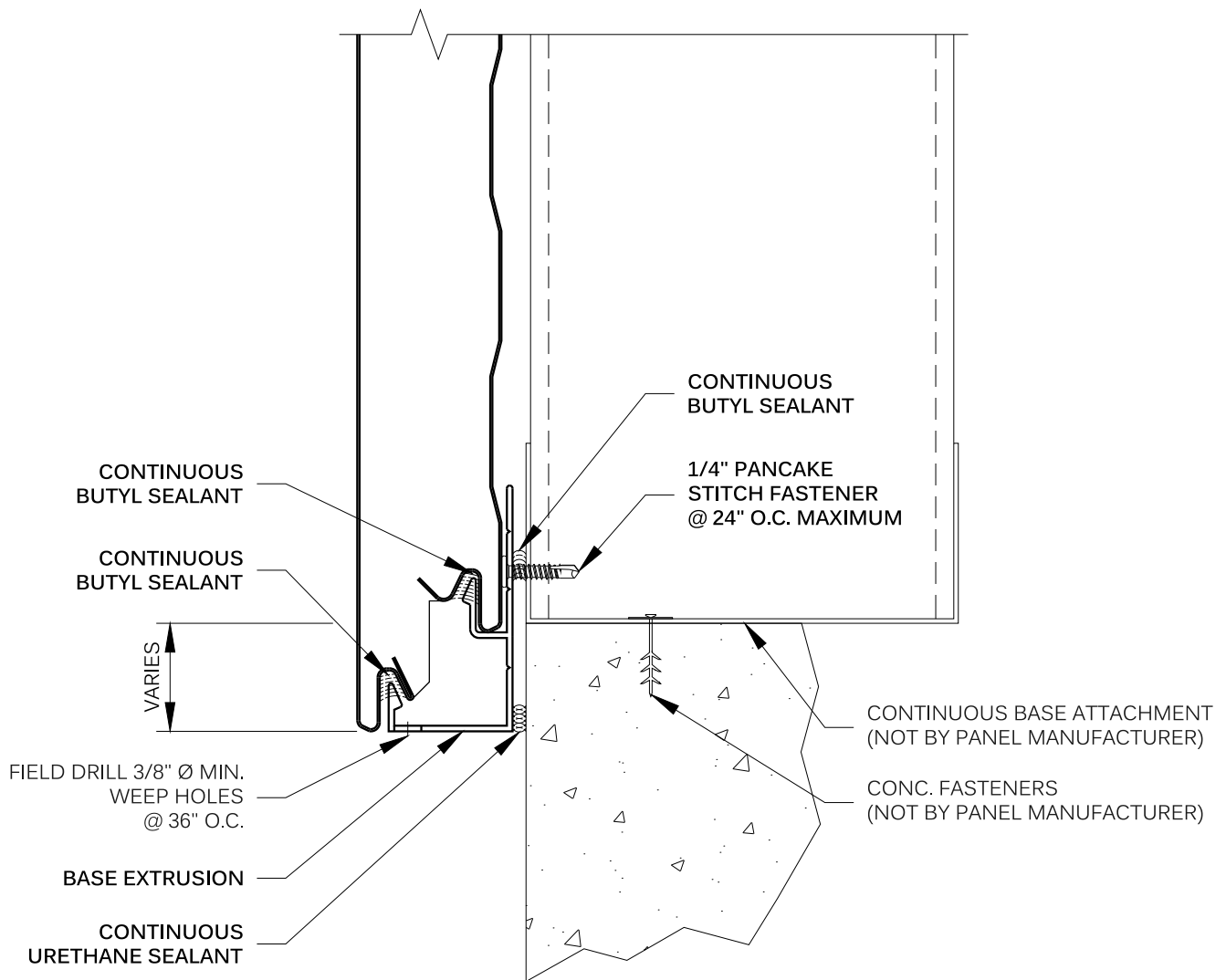
DATE: Jul '19



ARCHITECTURAL

BASE - NOTCHED SLAB  
W/EXTRUSION - ISO

AR-CF-BE-04-  
ISO  
DATE: Jul '19

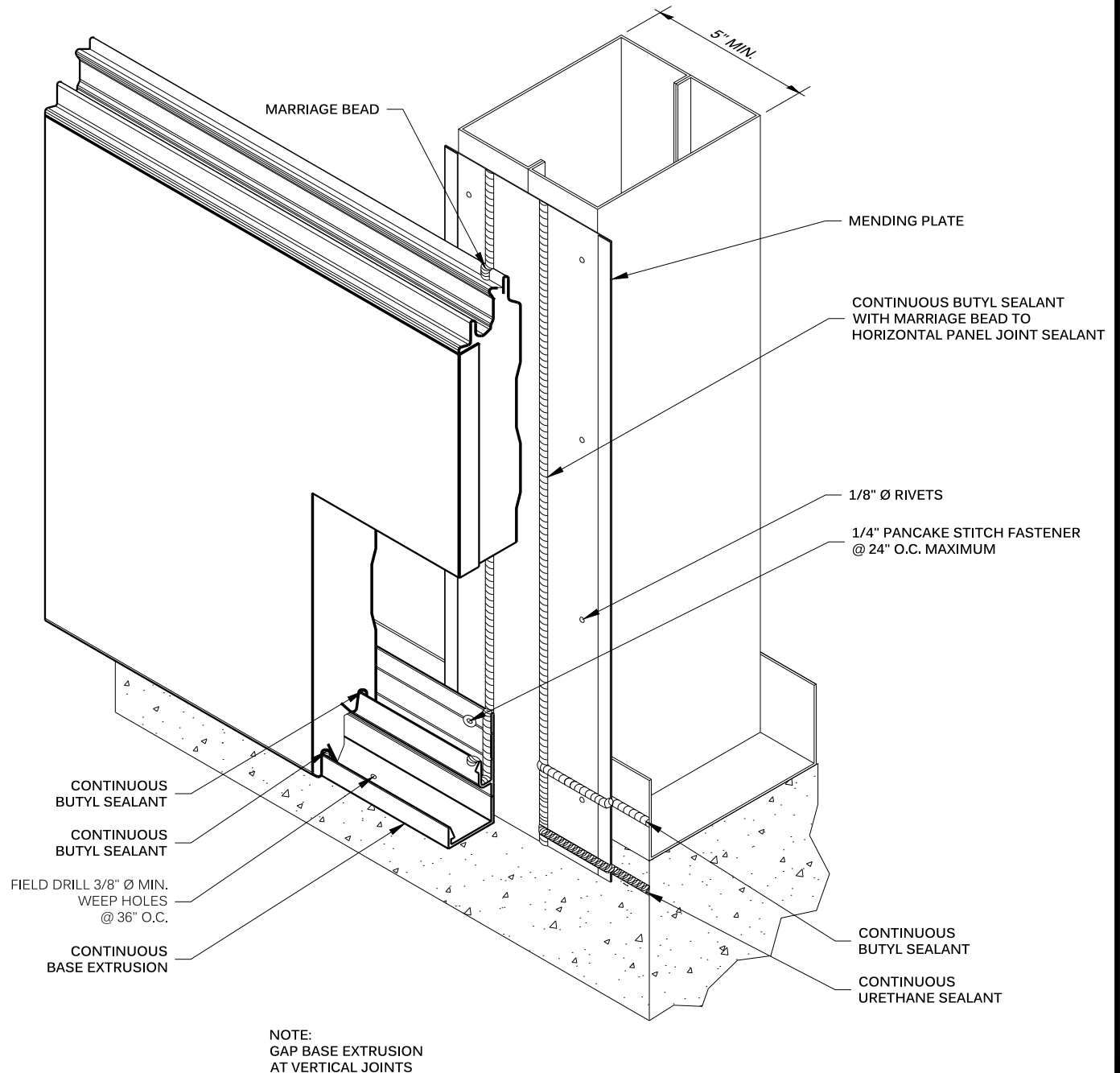


ARCHITECTURAL

BASE -  
OVERHANG W/EXTRUSION

AR-CF-BE-05

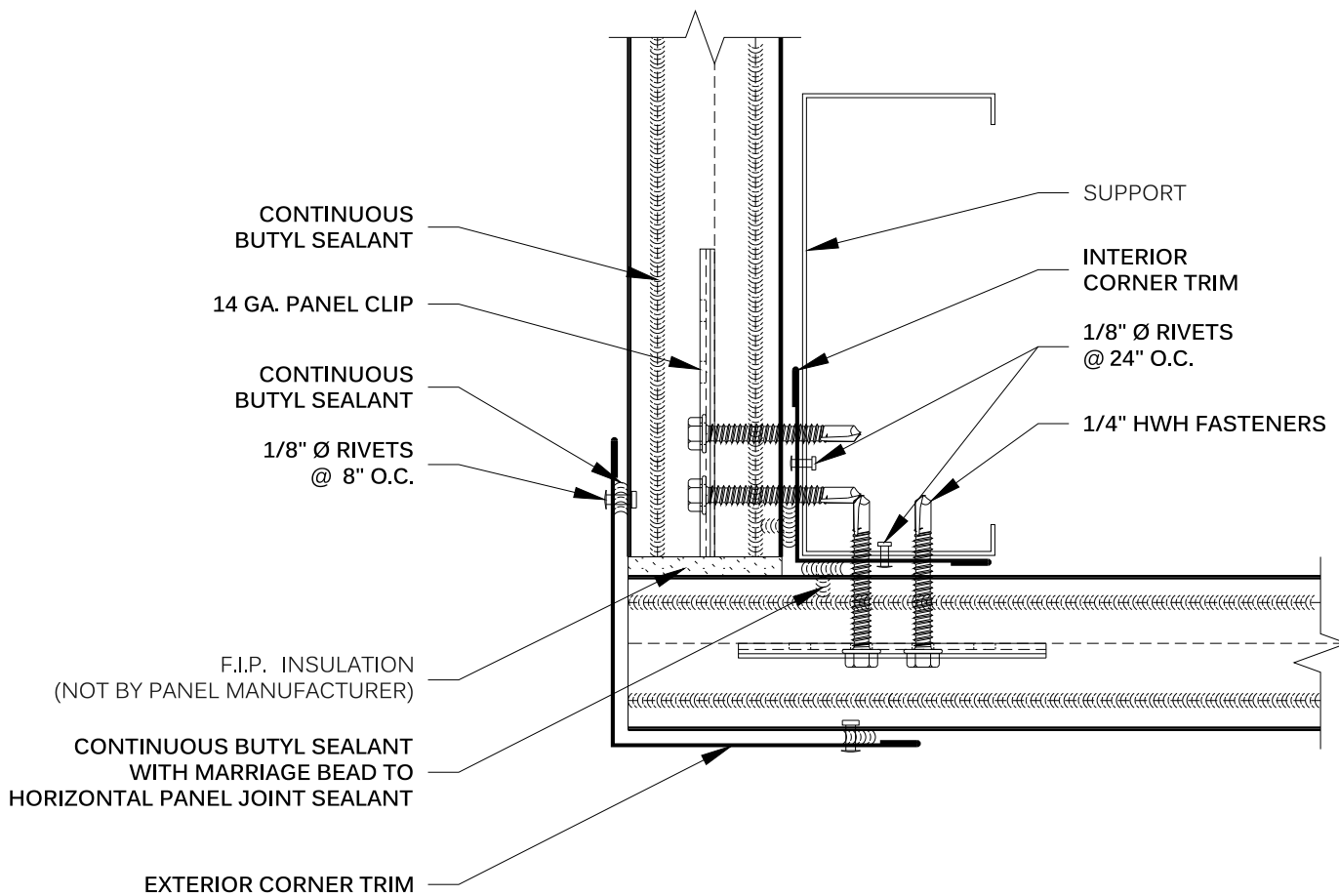
DATE: Jul '19



ARCHITECTURAL

BASE - OVERHANG  
W/EXTRUSION - ISO

AR-CF-BE-05-  
ISO  
DATE: Jul '19

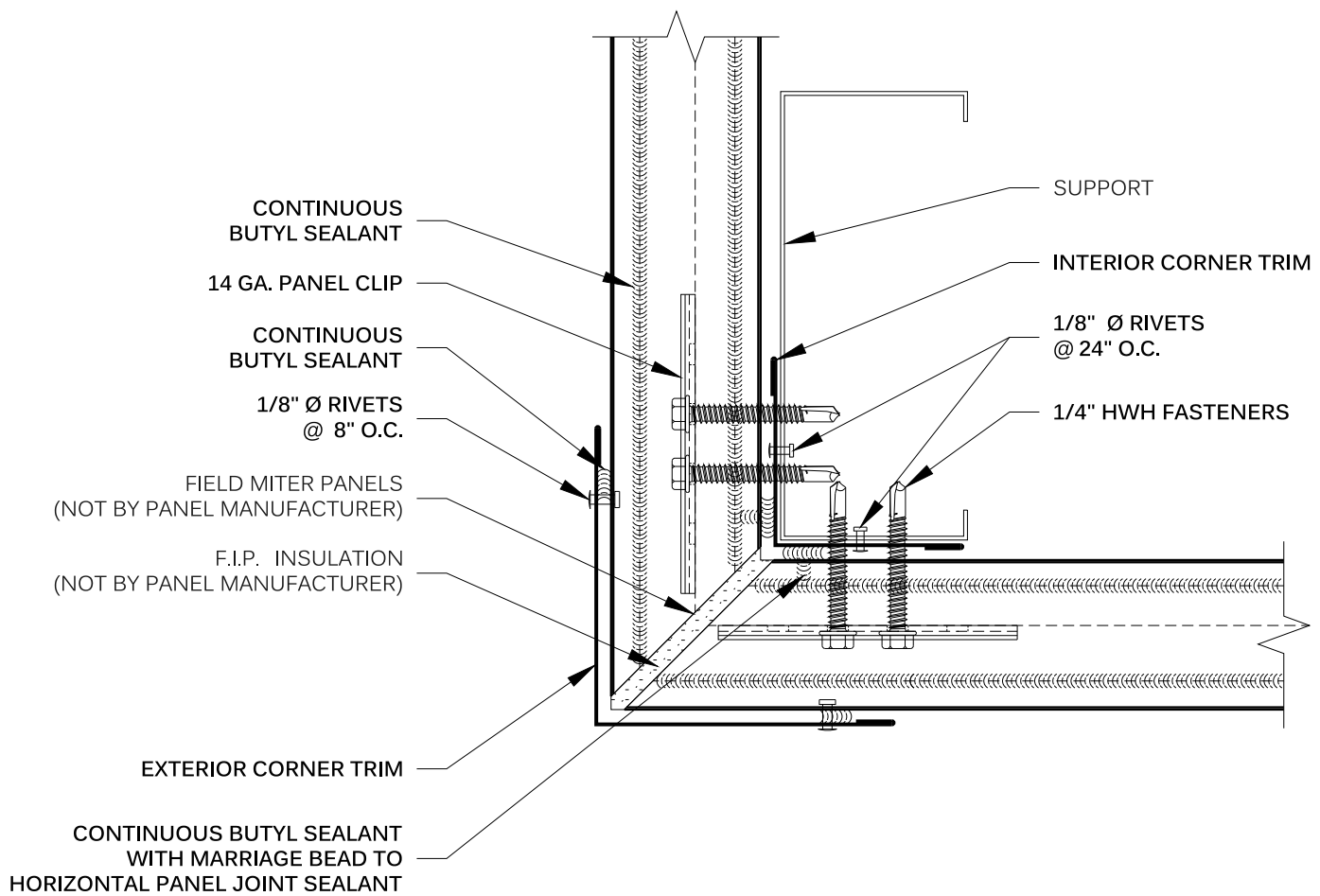


ARCHITECTURAL

OUTSIDE CORNER - W/TRIM

AR-CF-CE-01

DATE: Jul '19

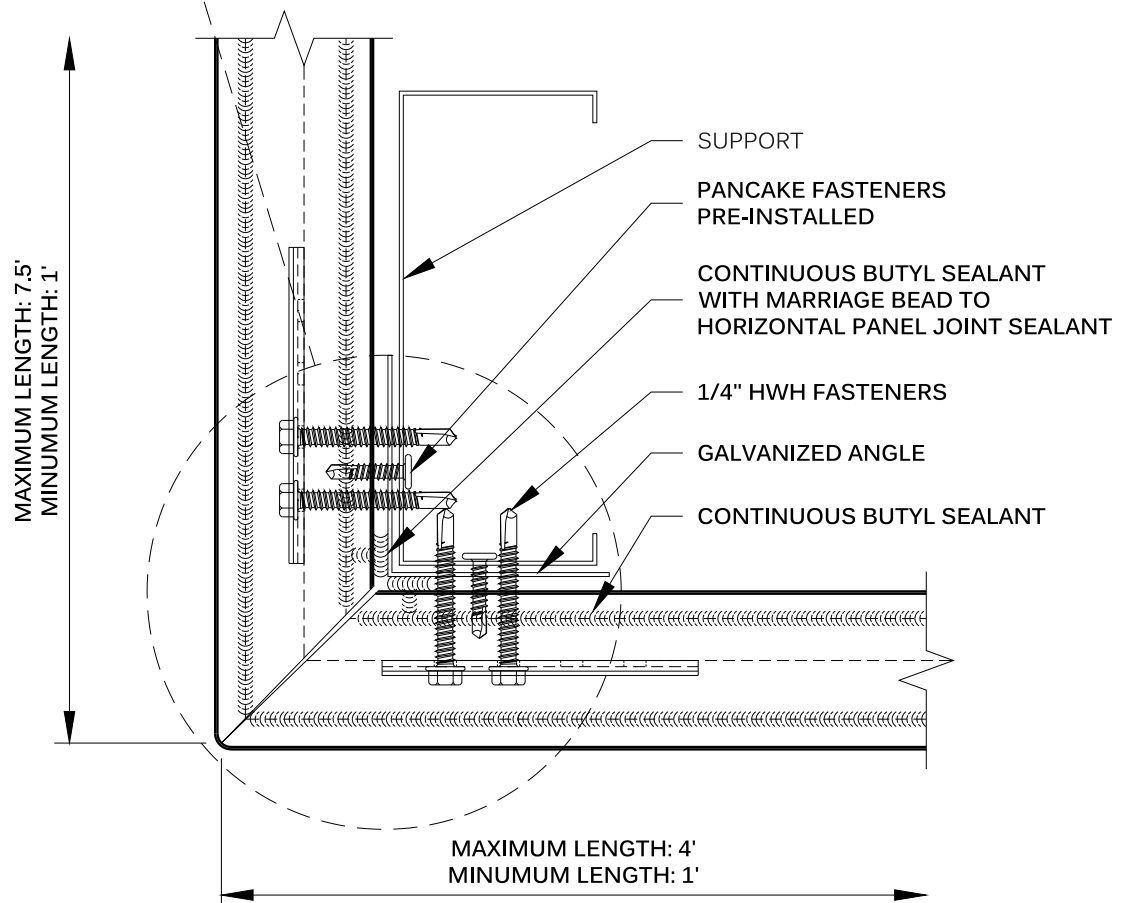
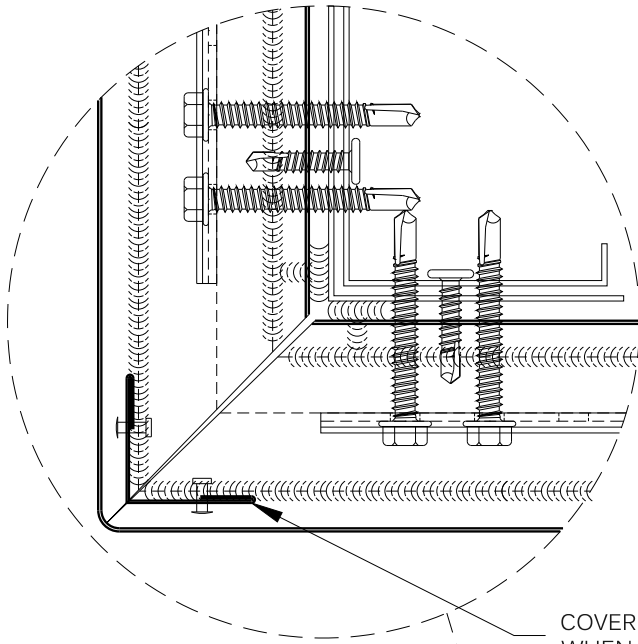


ARCHITECTURAL

OUTSIDE CORNER -  
(MITERED) W/TRIM

AR-CF-CE-02

DATE: Jul '19

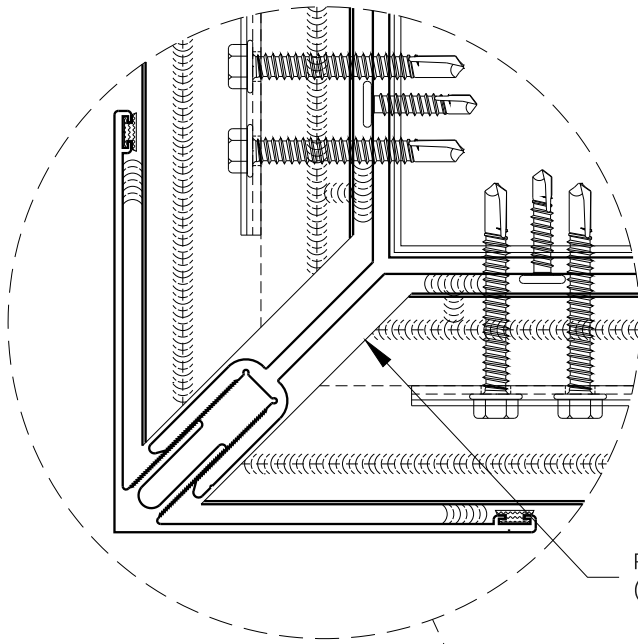


ARCHITECTURAL

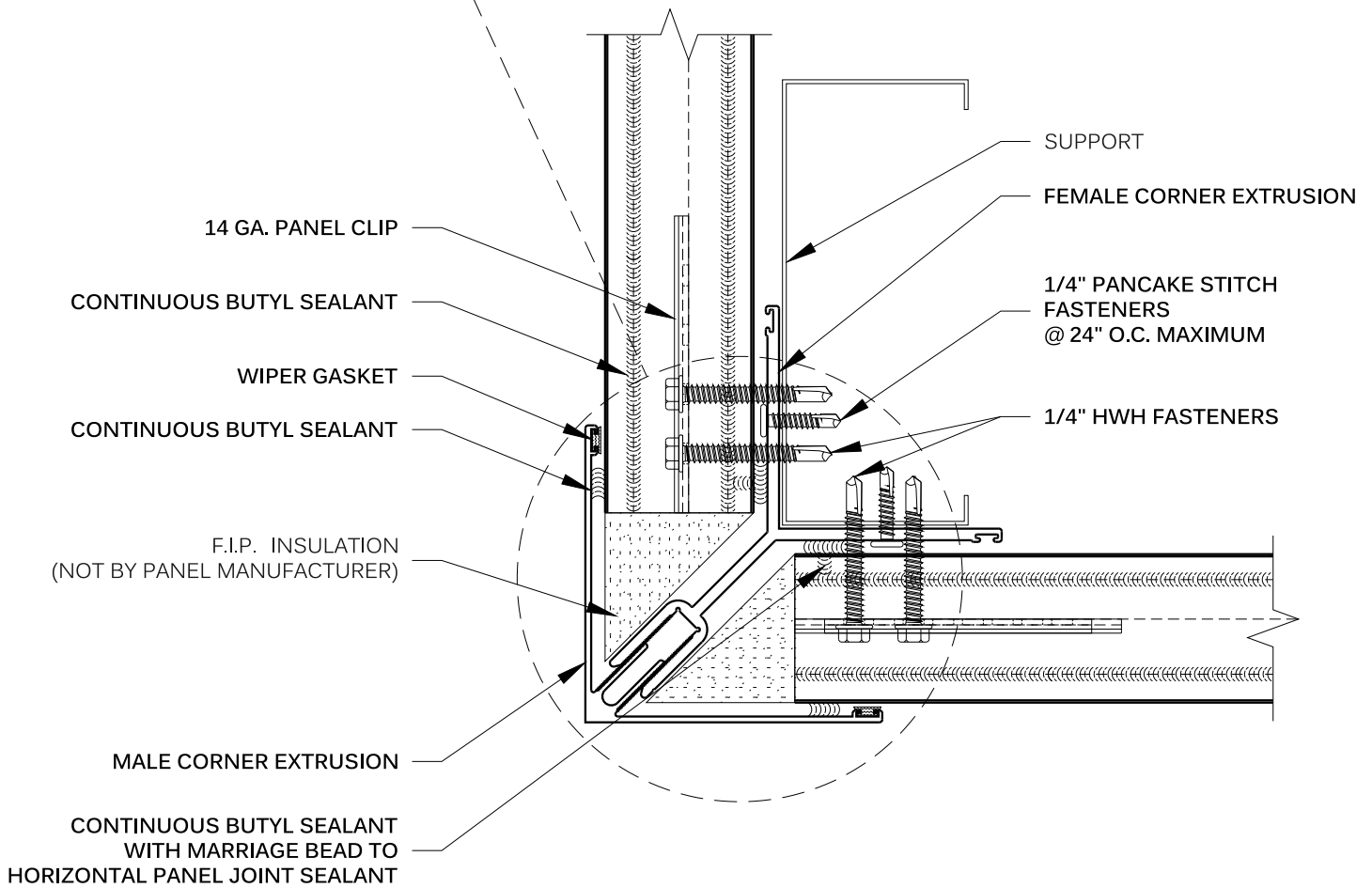
OUTSIDE CORNER -  
FACTORY FOLDED PANEL

AR-CF-CE-03

DATE: Jul '19



FIELD MITER PANELS  
(NOT BY PANEL MANUFACTURER)

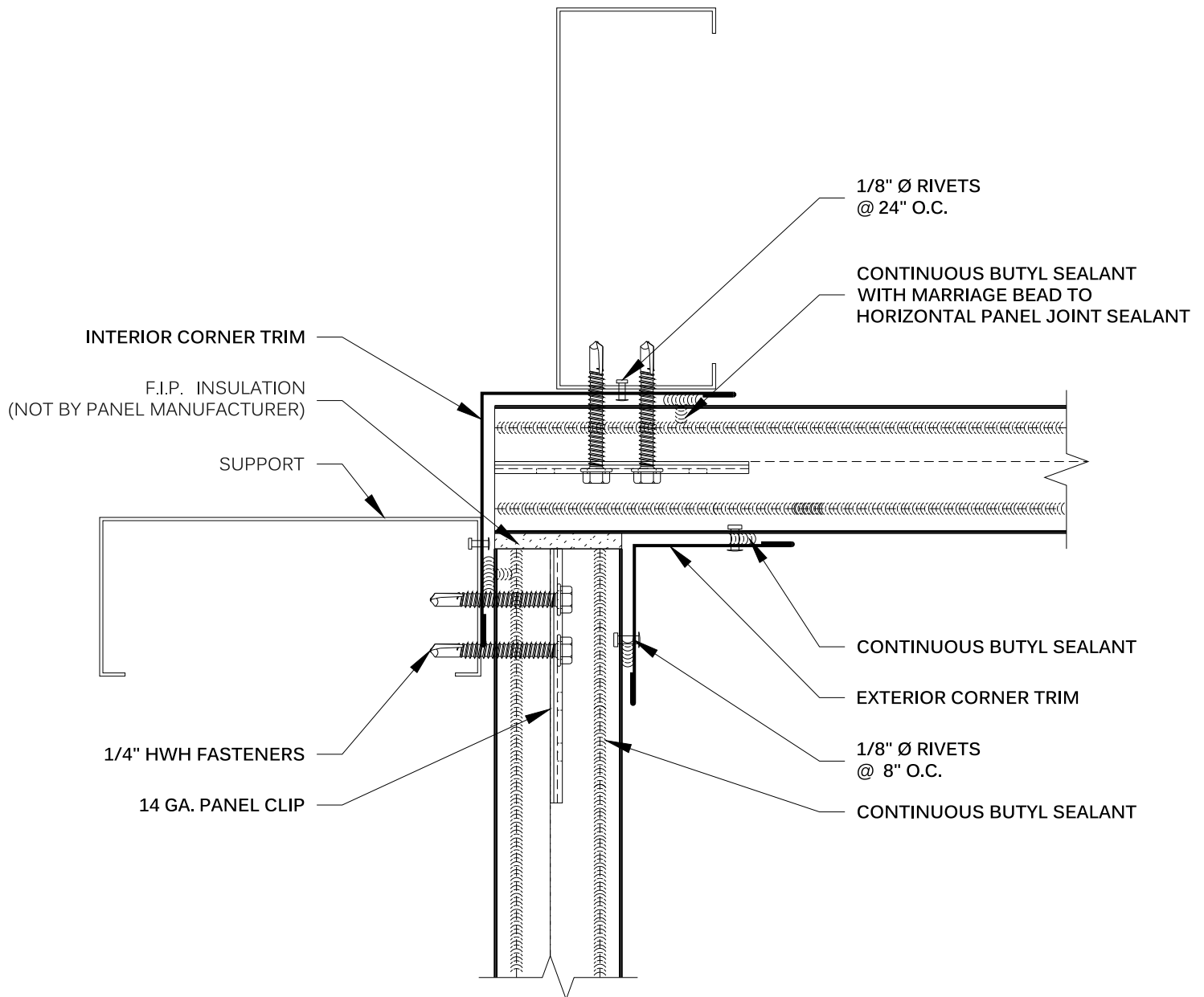


ARCHITECTURAL

OUTSIDE CORNER -  
TWO PIECE EXTRUSION

AR-CF-CE-04

DATE: Jul '19

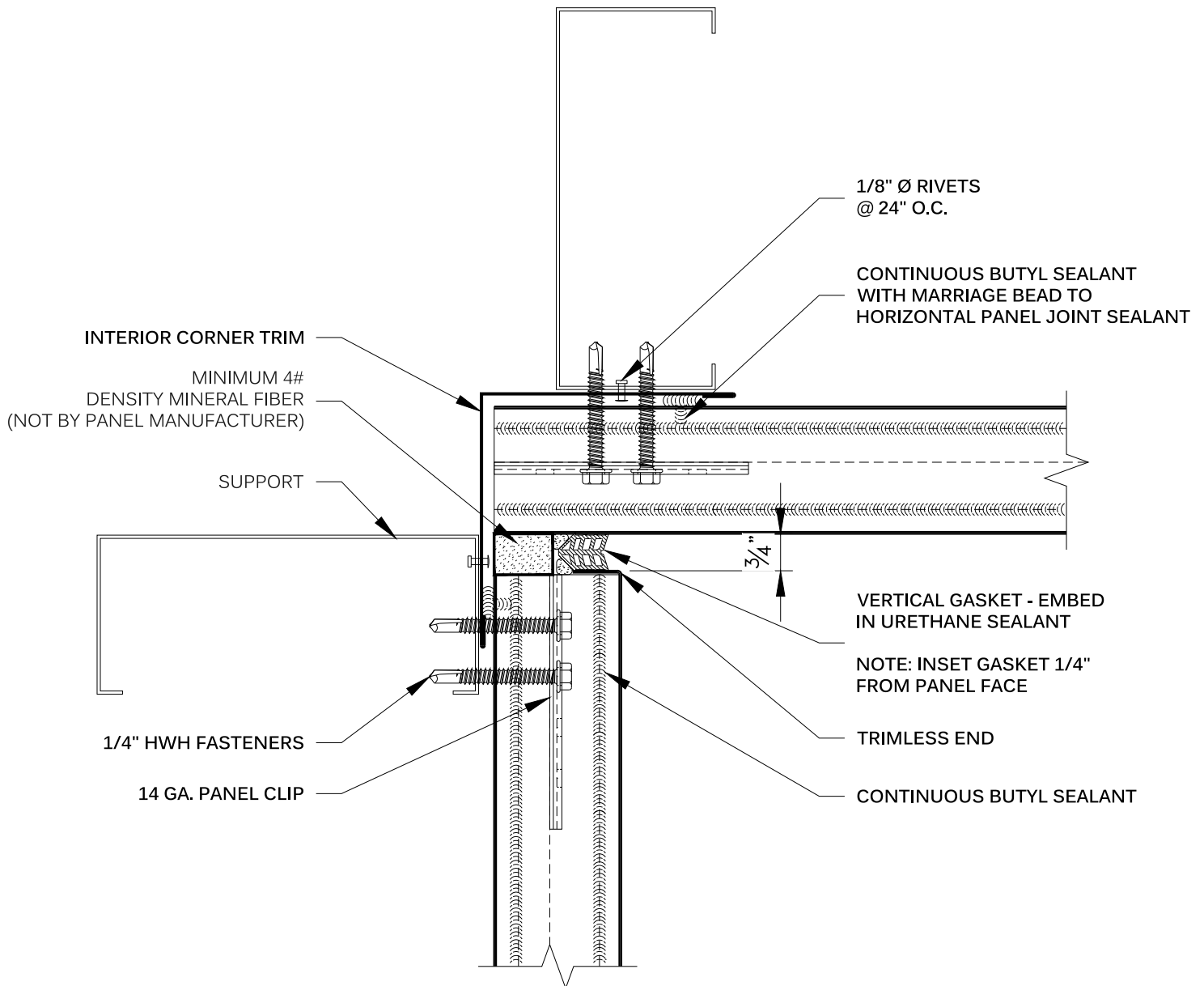


ARCHITECTURAL

INSIDE CORNER - TRIM

AR-CF-CE-05

DATE: Jul '19

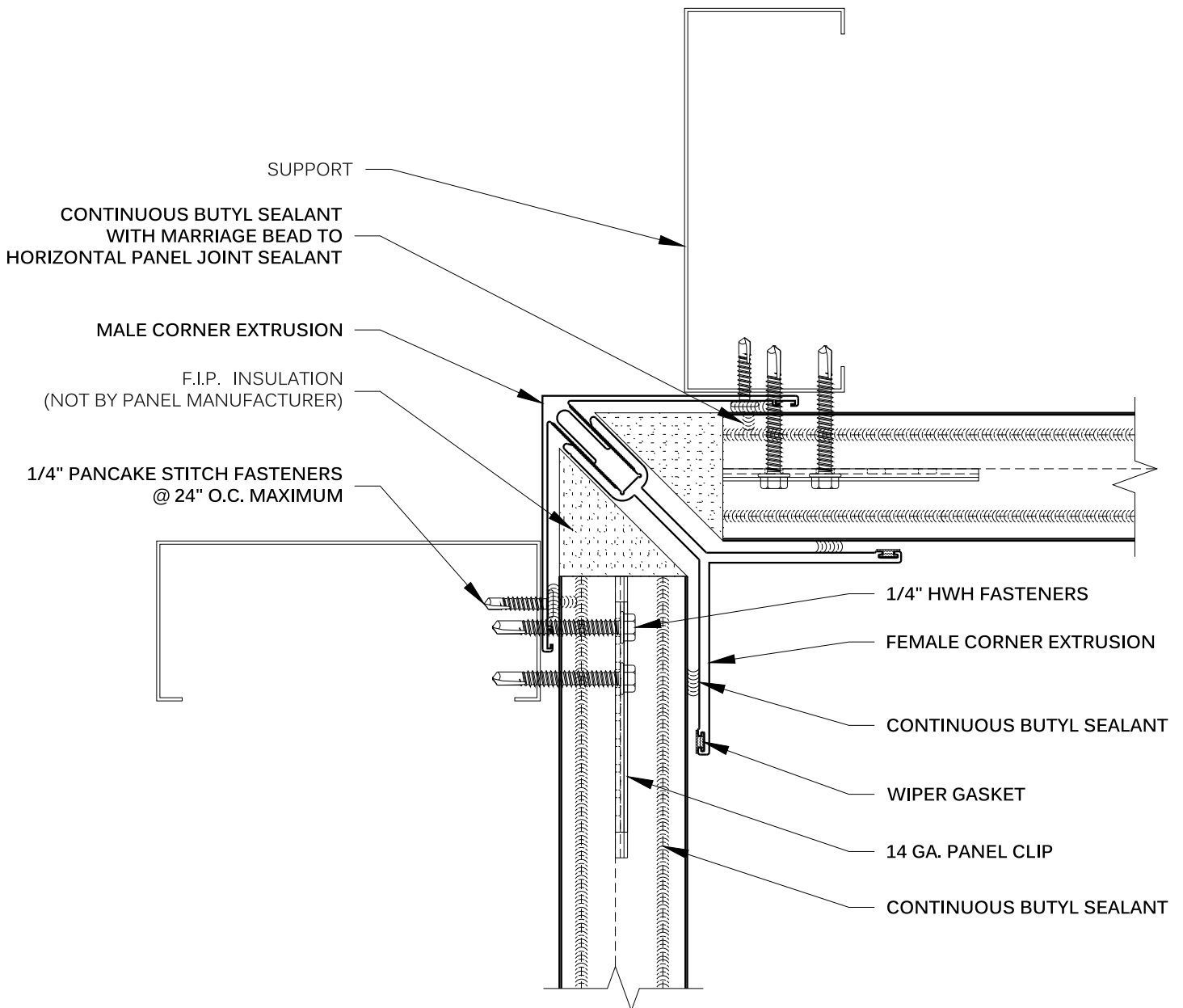


ARCHITECTURAL

INSIDE CORNER -  
TRIMLESS END W/GASKET

AR-CF-CE-06

DATE: Jul '19

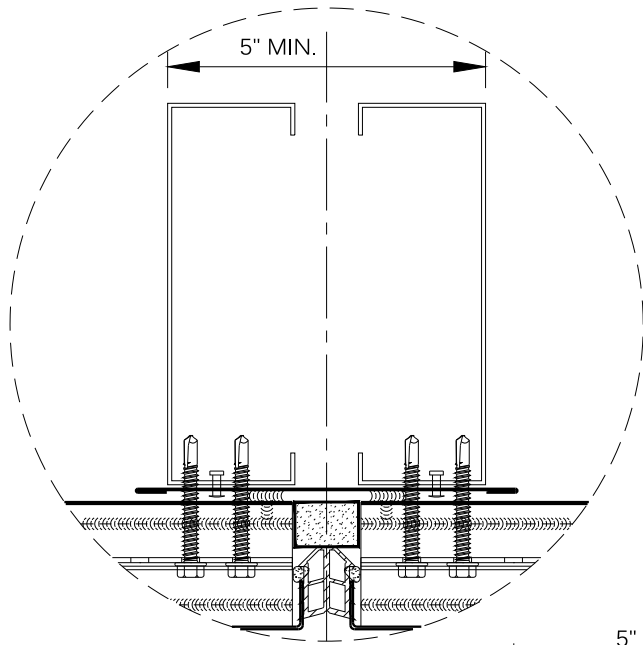


ARCHITECTURAL

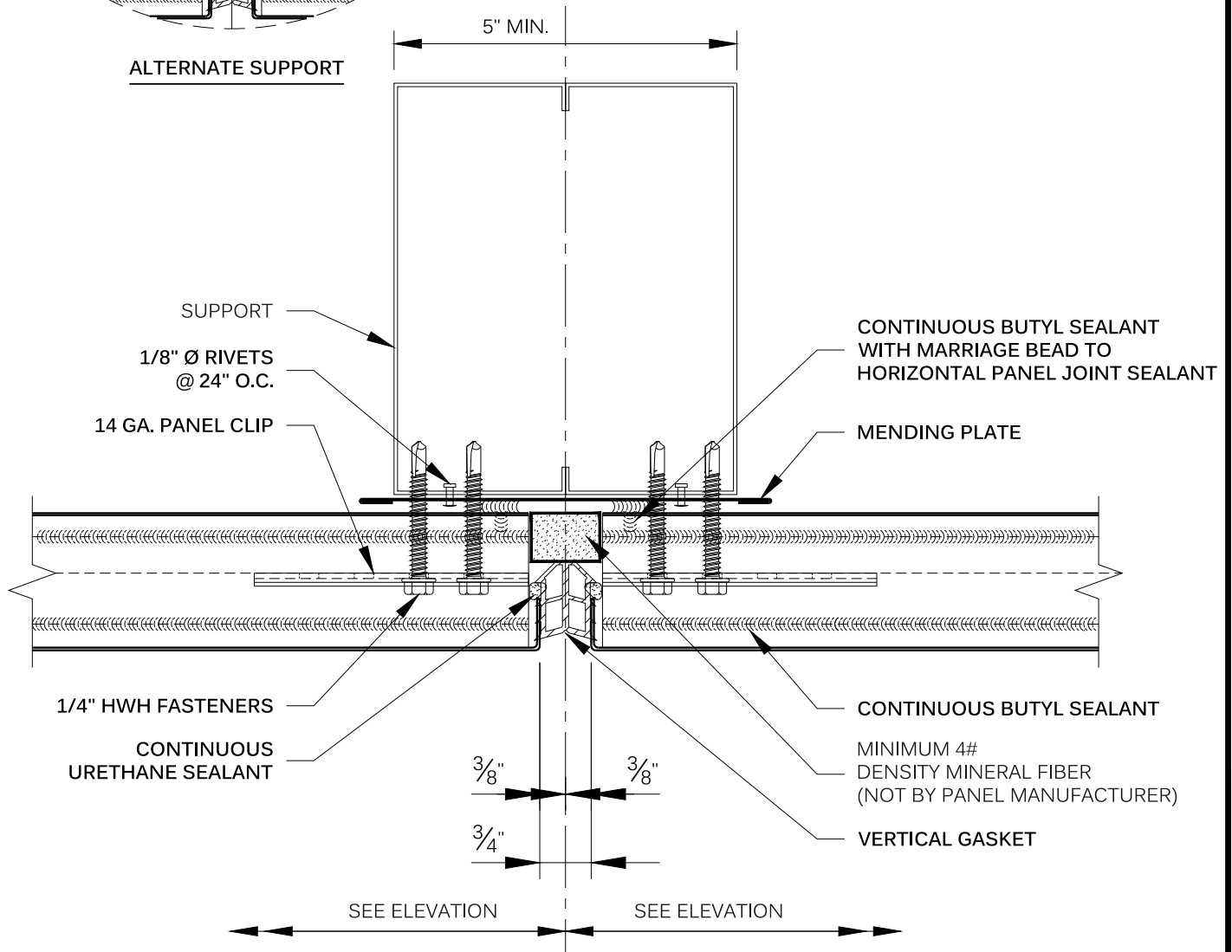
INSIDE CORNER - W/TWO  
PIECE CORNER EXTRUSION

AR-CF-CE-07

DATE: Jul '19



ALTERNATE SUPPORT

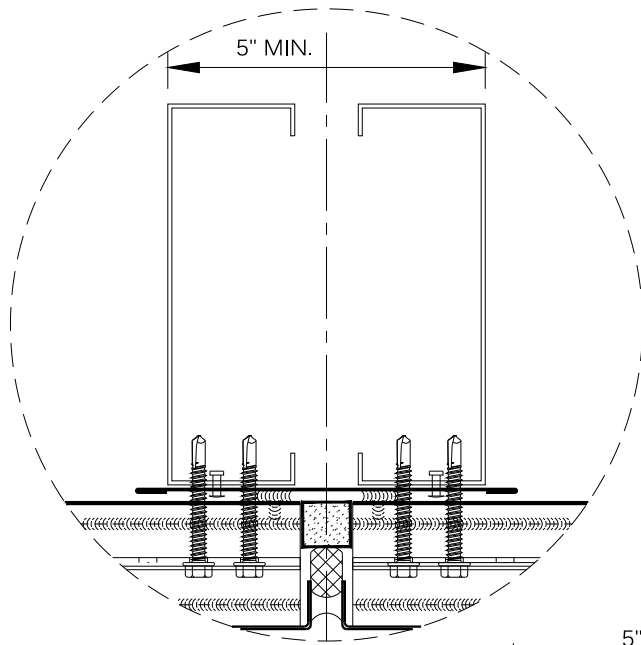


ARCHITECTURAL

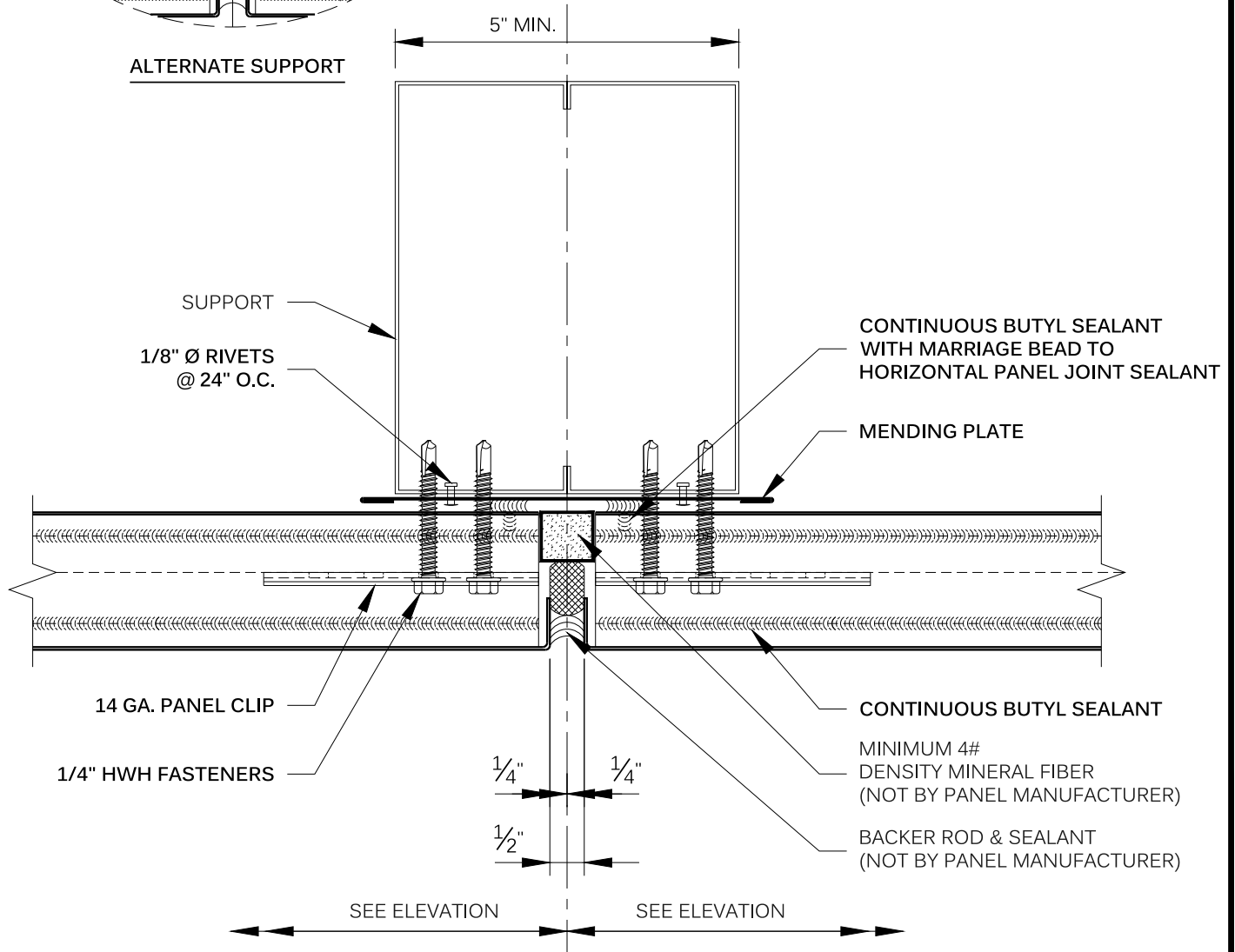
VERTICAL JOINT - W/TRIMLESS  
ENDS AND GASKET

AR-CF-VJ-01

DATE: Jul '19



## ALTERNATE SUPPORT

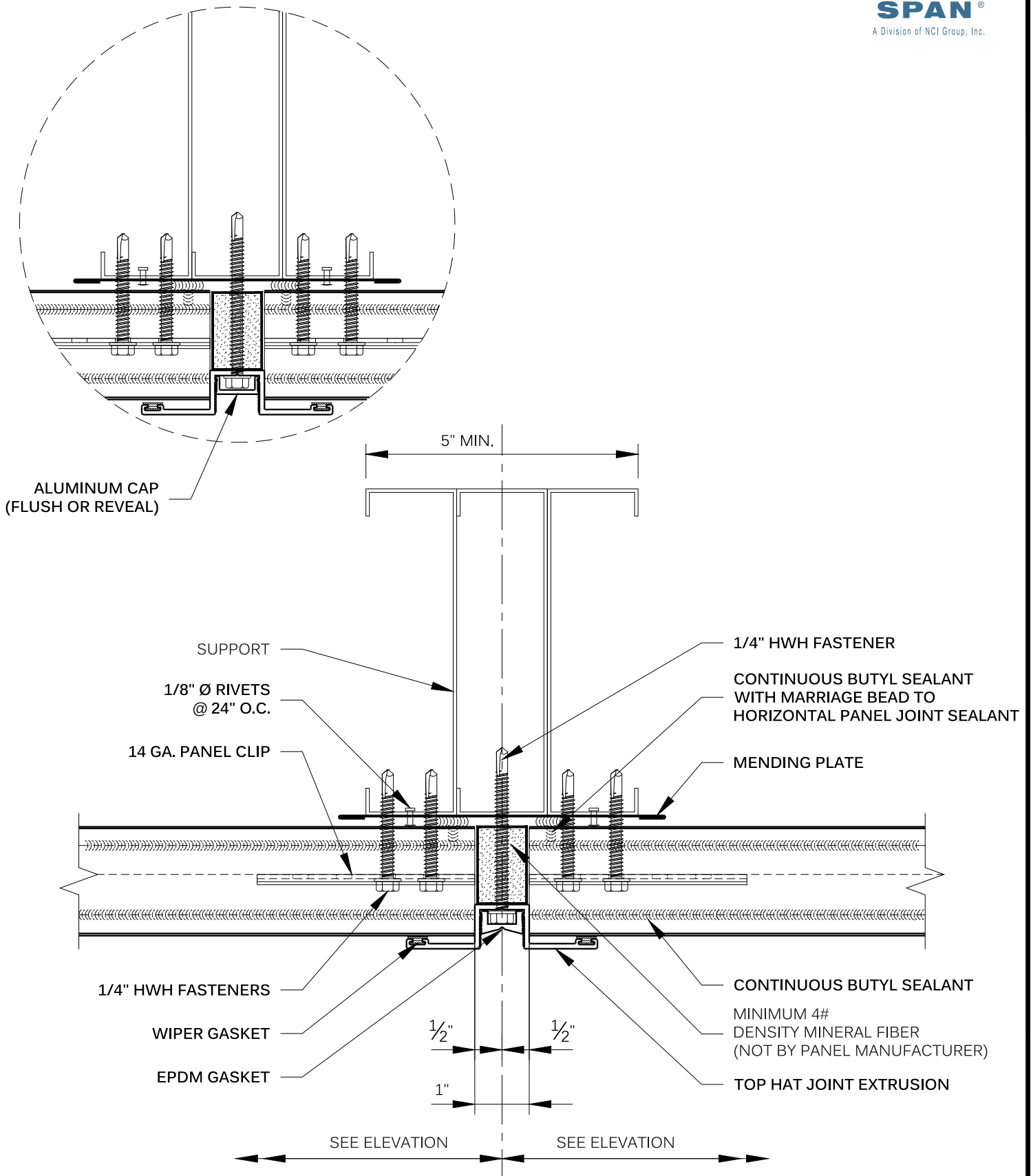


# ARCHITECTURAL

## VERTICAL JOINT - TRIMLESS ENDS AND WET SEAL

AR-CF-VJ-02

DATE: Jul '19

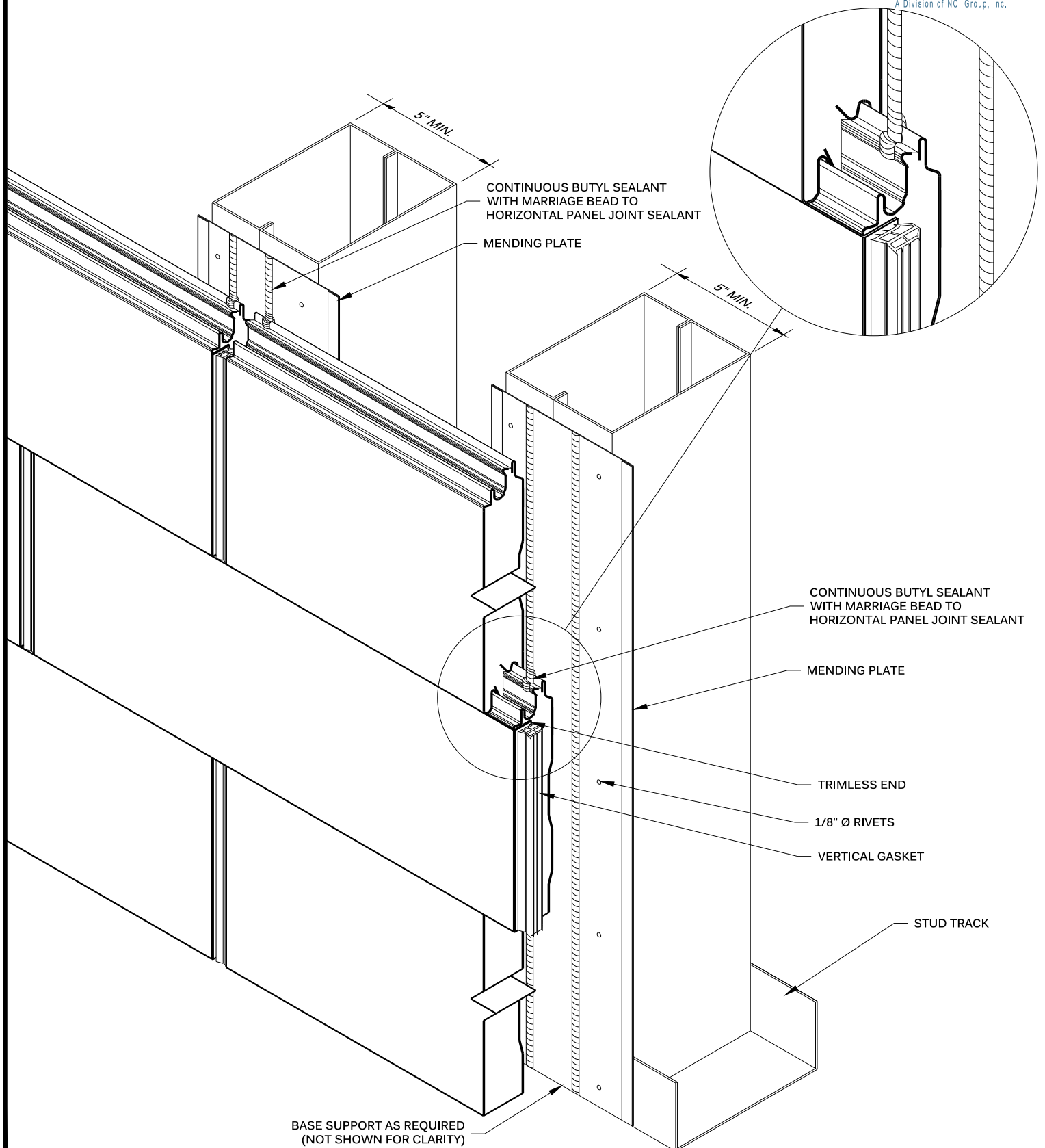


# ARCHITECTURAL

## VERTICAL JOINT - W/EXTRUSION

AR-CF-VJ-03

DATE: Jul '19

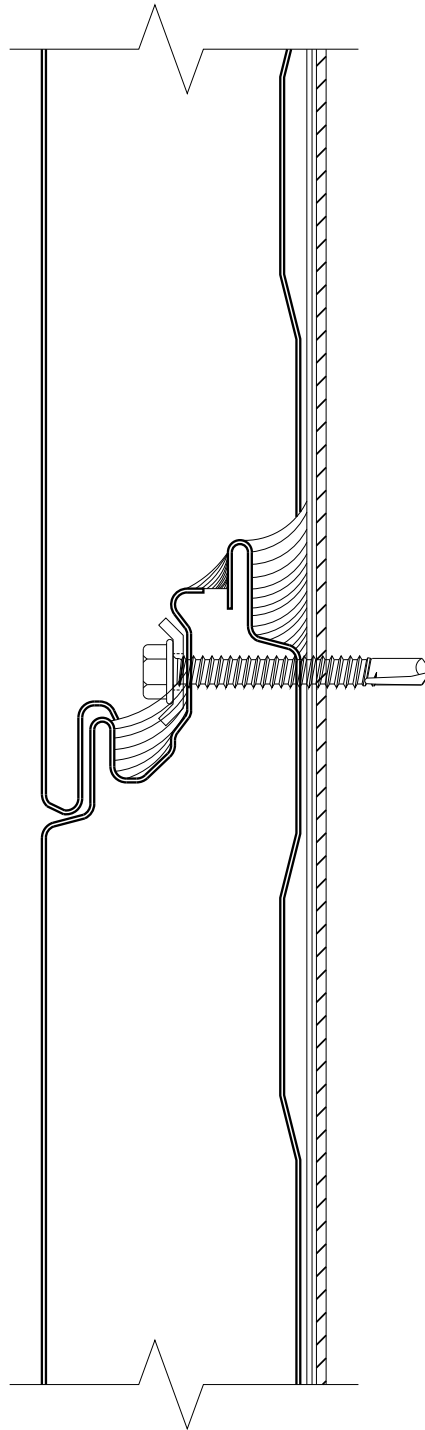


ARCHITECTURAL

VERTICAL JOINT -  
RUNNING BOND PATTERN

AR-CF-VJ-04

DATE: Jul '19

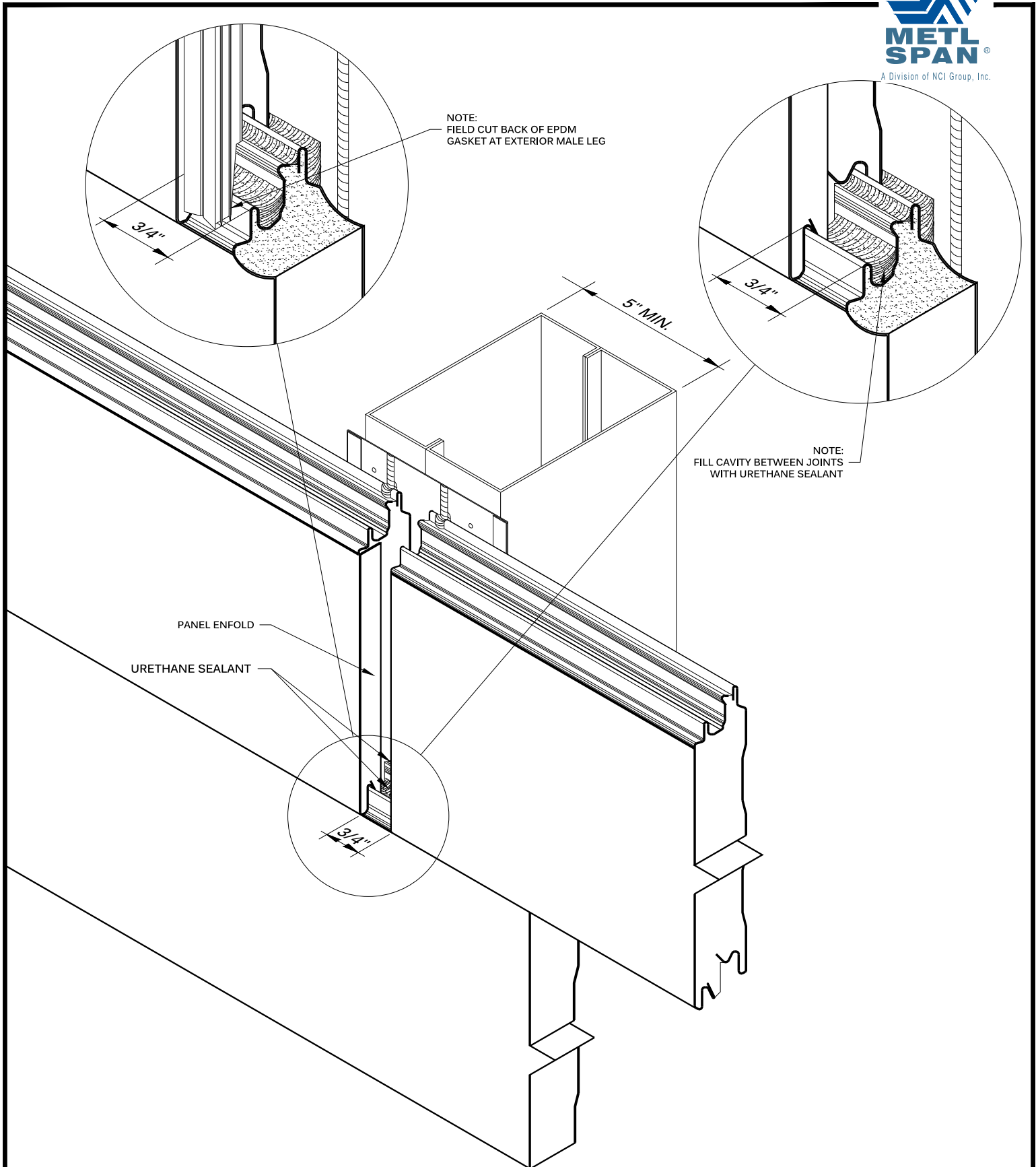


ARCHITECTURAL

VERTICAL JOINT -  
RUNNING BOND SEALANTS

AR-CF-VJ-05

DATE: Jul '19

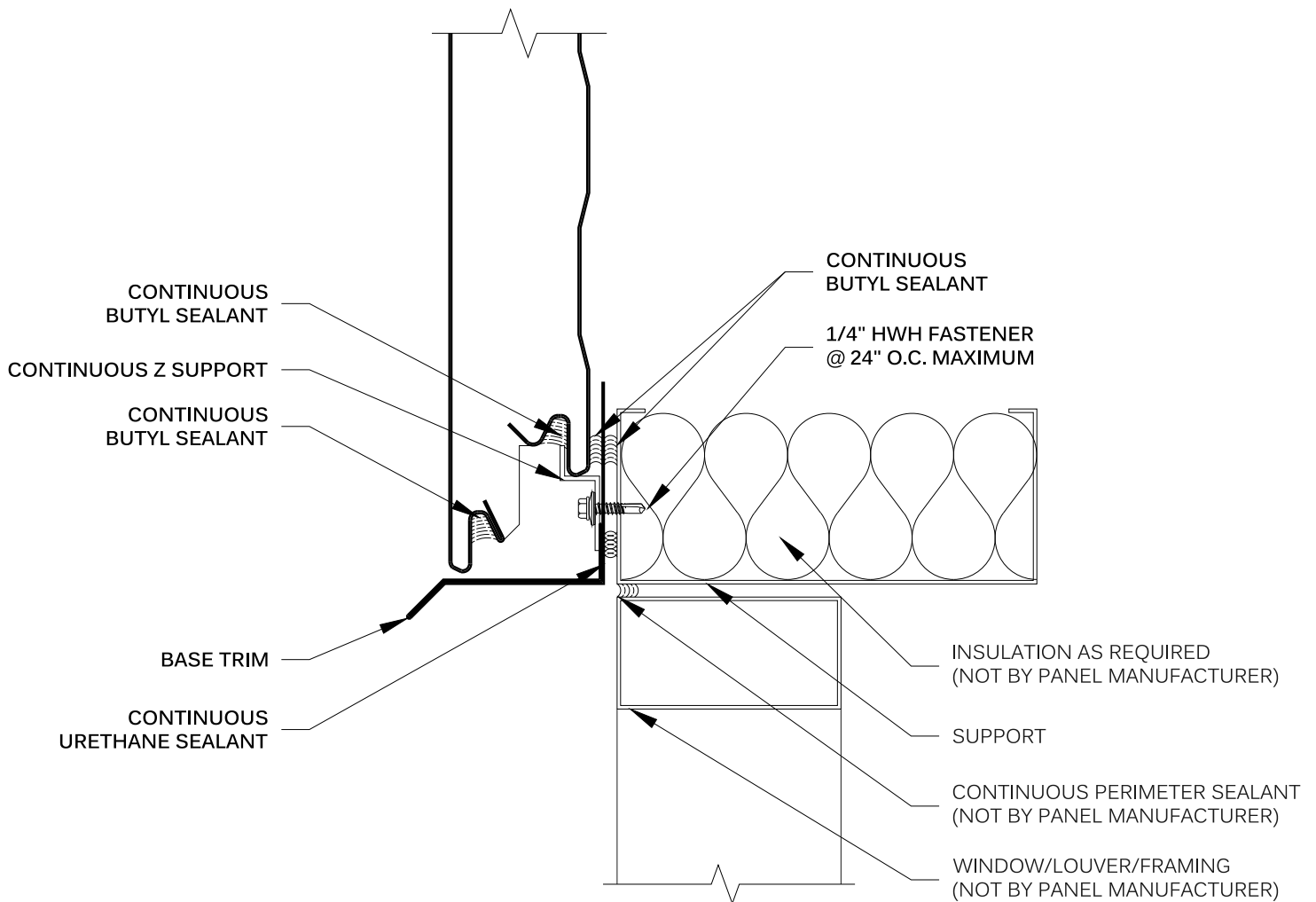


ARCHITECTURAL

VERTICAL JOINT - RUNNING  
BOND SEALANTS -ISO

AR-CF-VJ-06

DATE: Jul '19

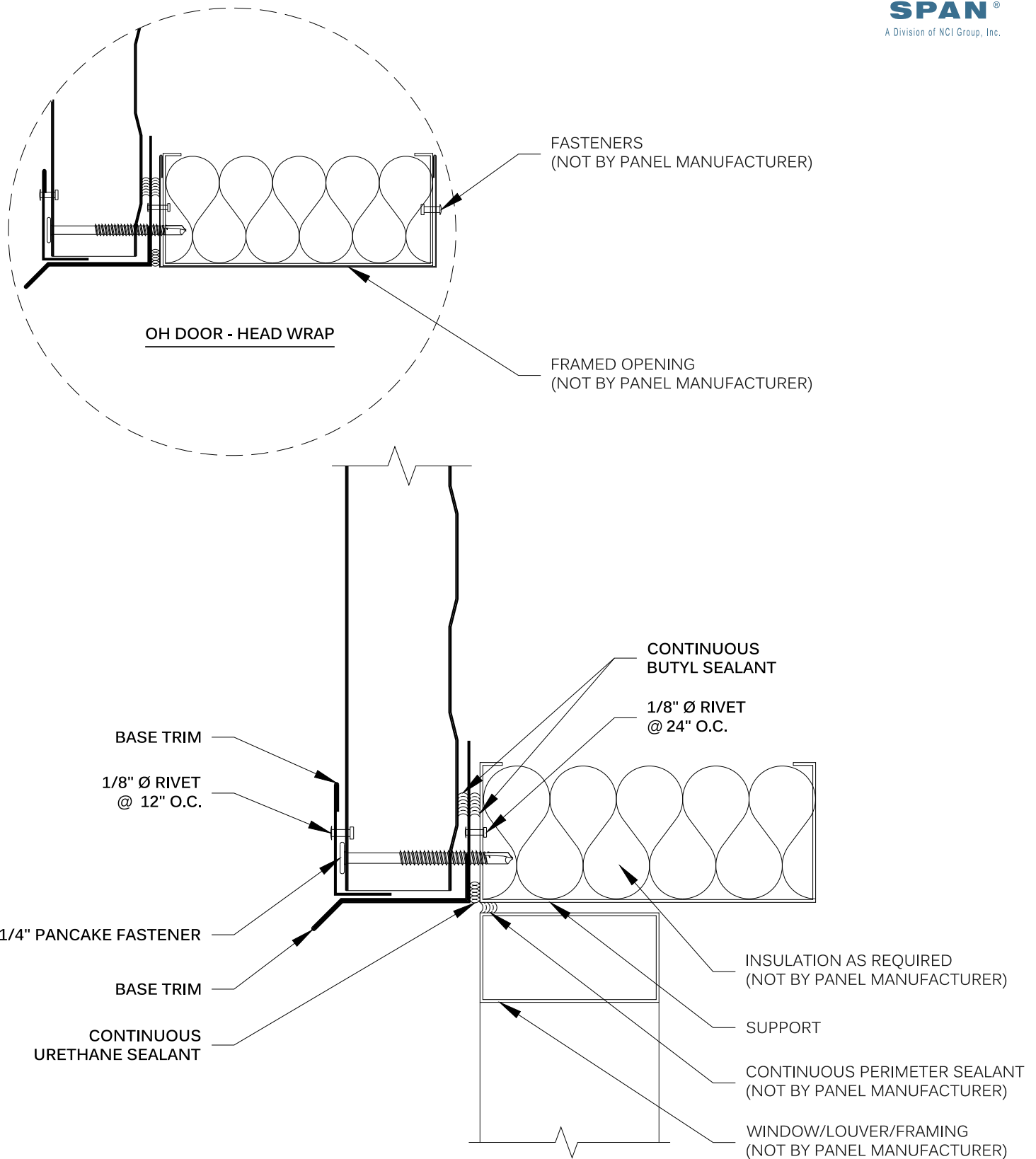


ARCHITECTURAL

FRAMED OPENING HEAD -  
W/DRIP EDGE TRIM

AR-CF-HD-01

DATE: Jul '19

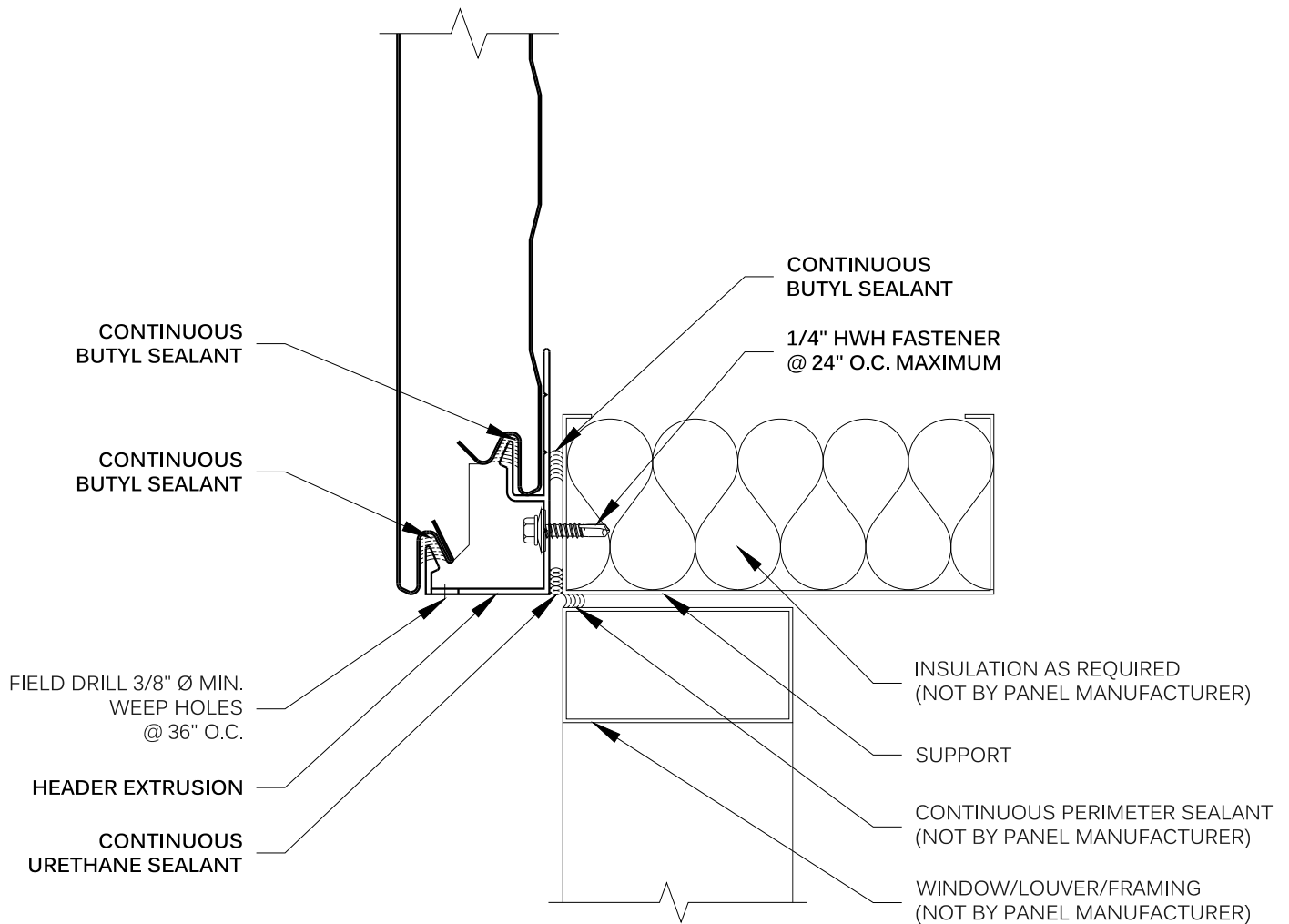


ARCHITECTURAL

FRAMED OPENING HEAD - OFF  
MODULE W/DRIP EDGE TRIM

AR-CF-HD-02

DATE: Jul '19

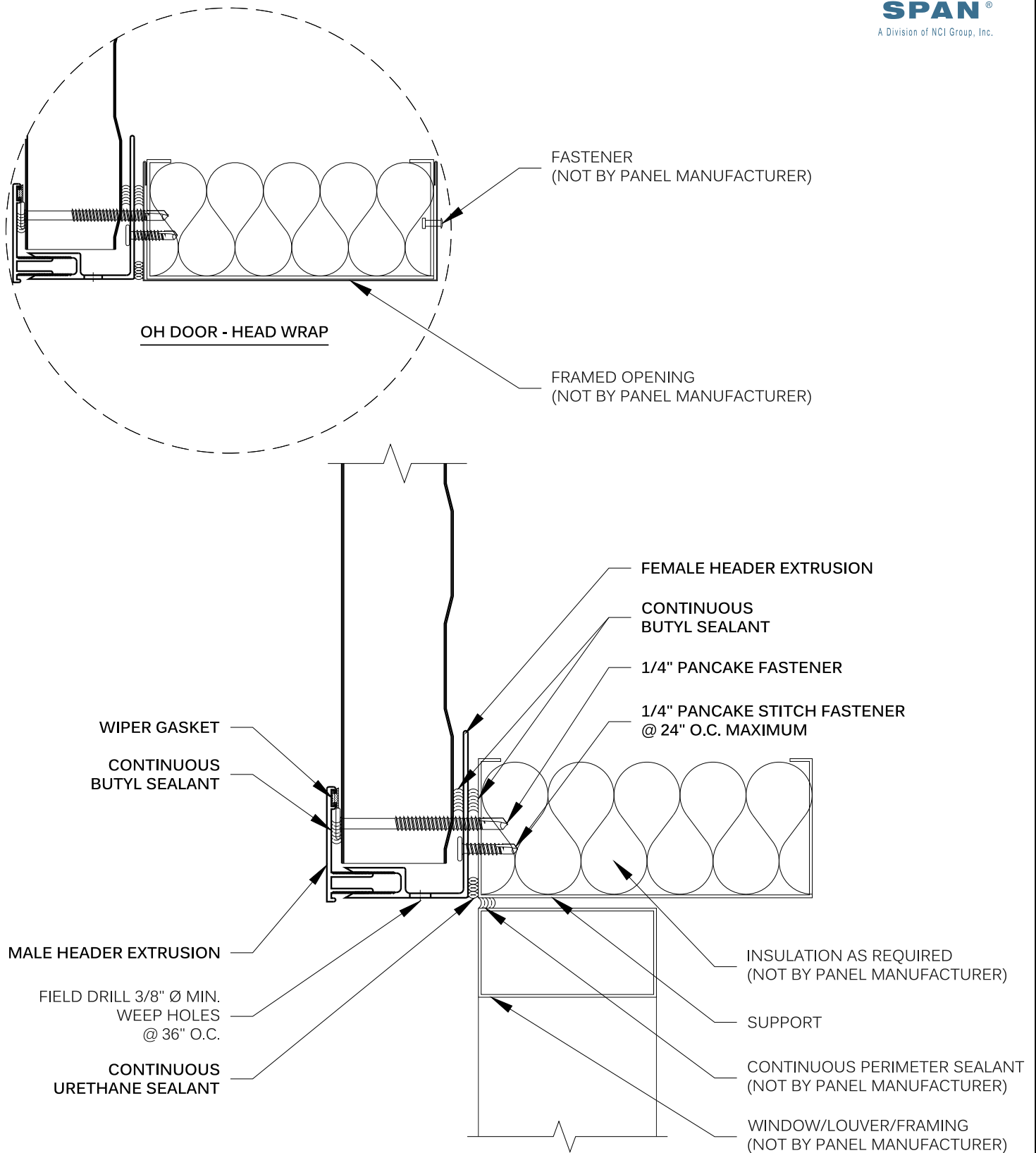


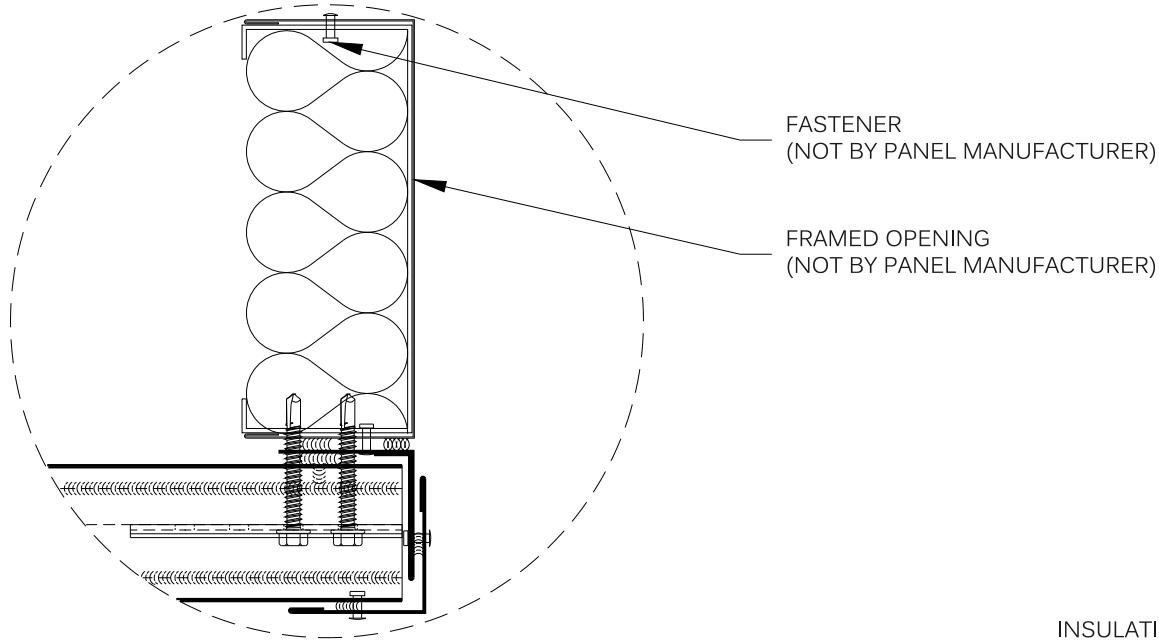
ARCHITECTURAL

FRAMED OPENING HEAD -  
EXTRUSION

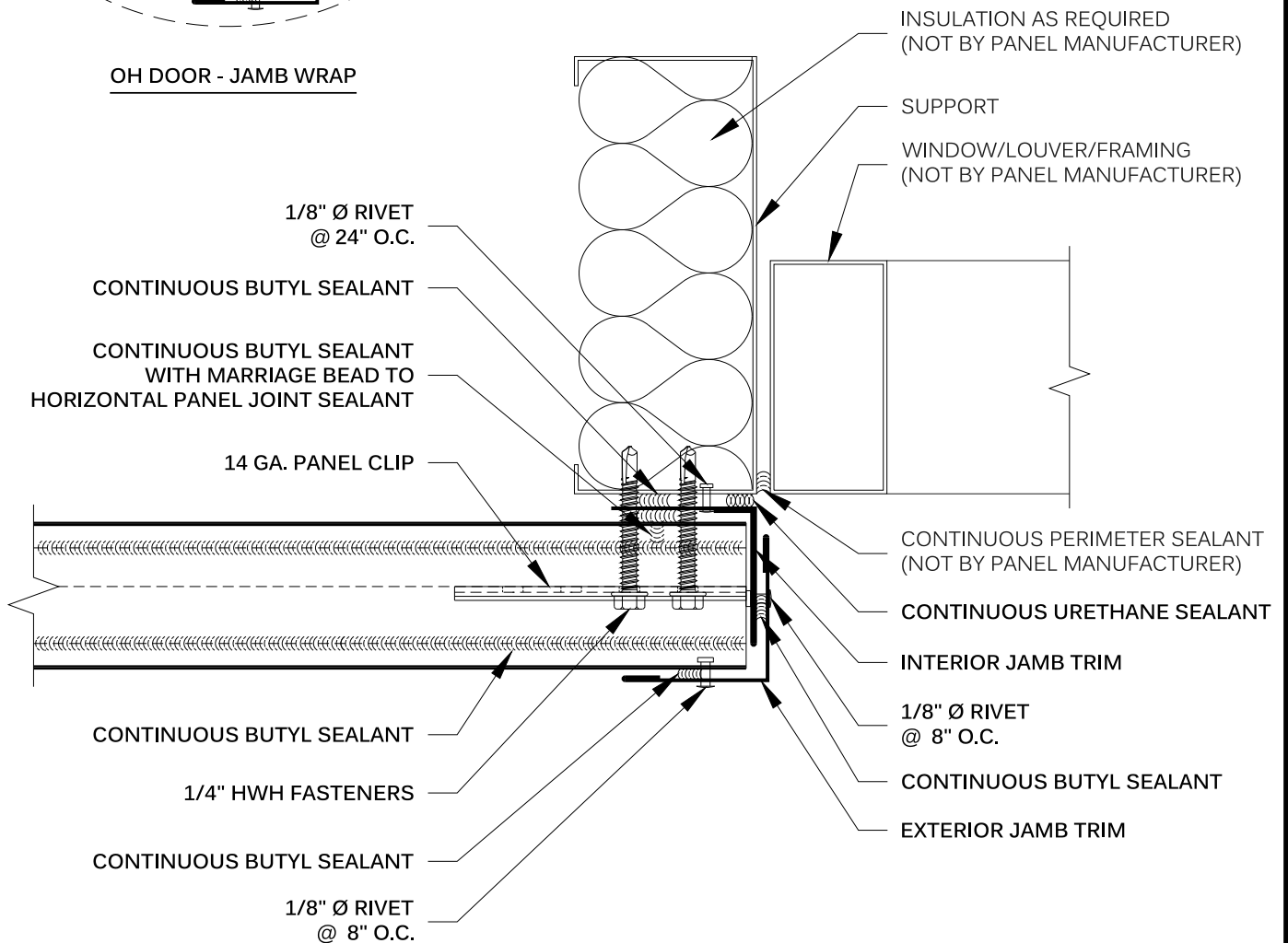
AR-CF-HD-03

DATE: Jul '19





OH DOOR - JAMB WRAP

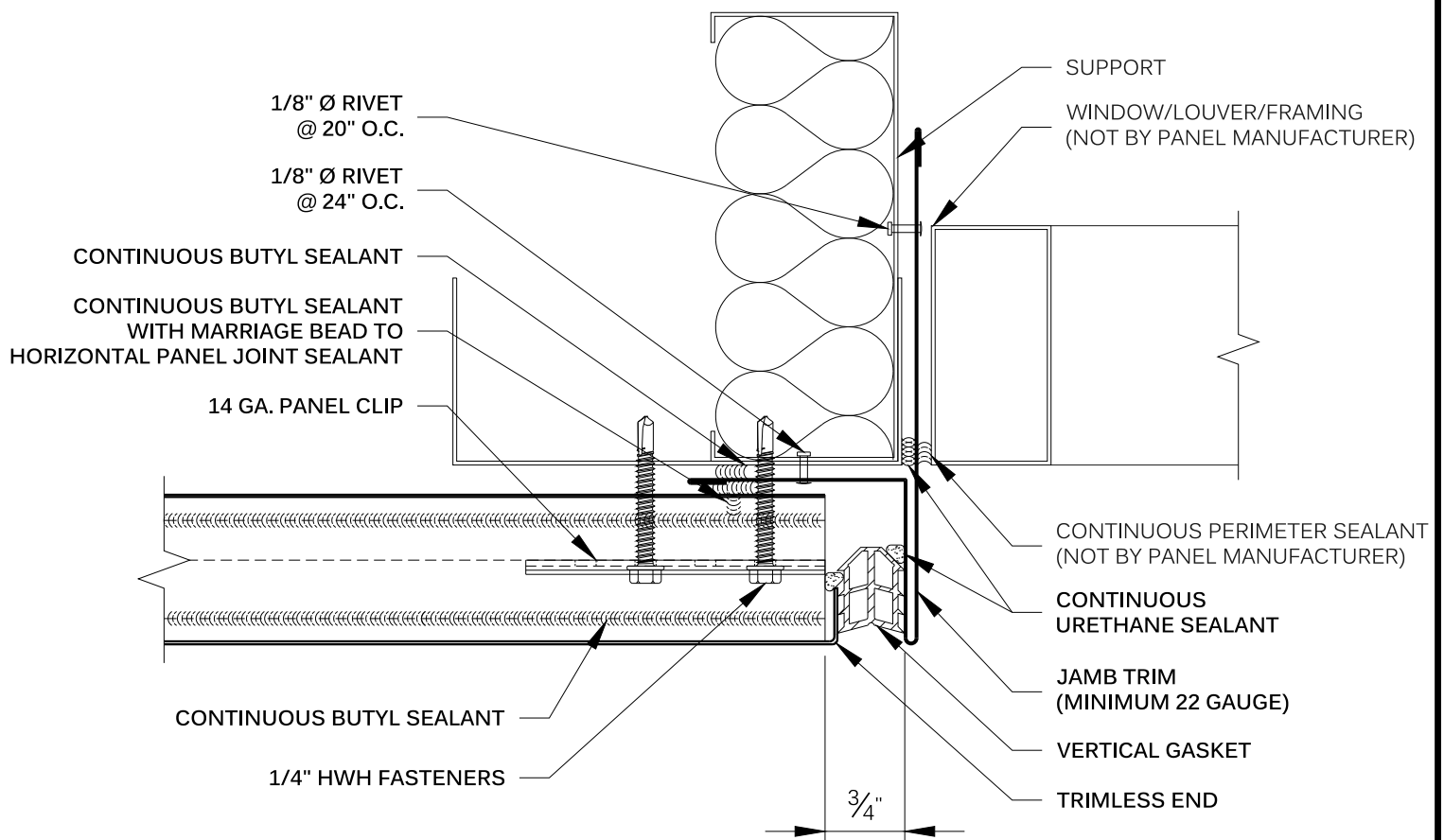


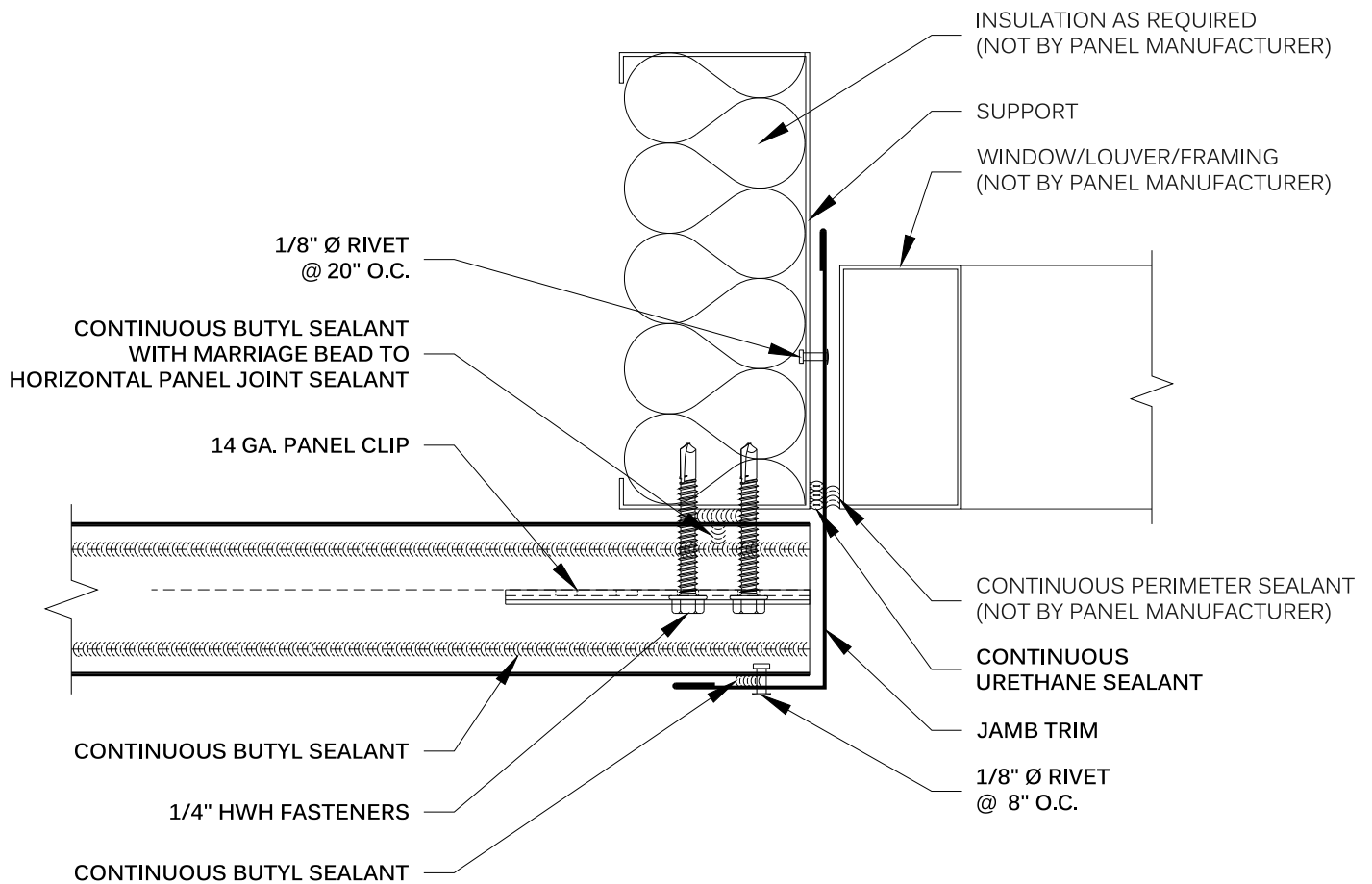
ARCHITECTURAL

FRAMED OPENING JAMB -  
W/TWO PIECE TRIM

AR-CF-JB-01

DATE: Jul '19



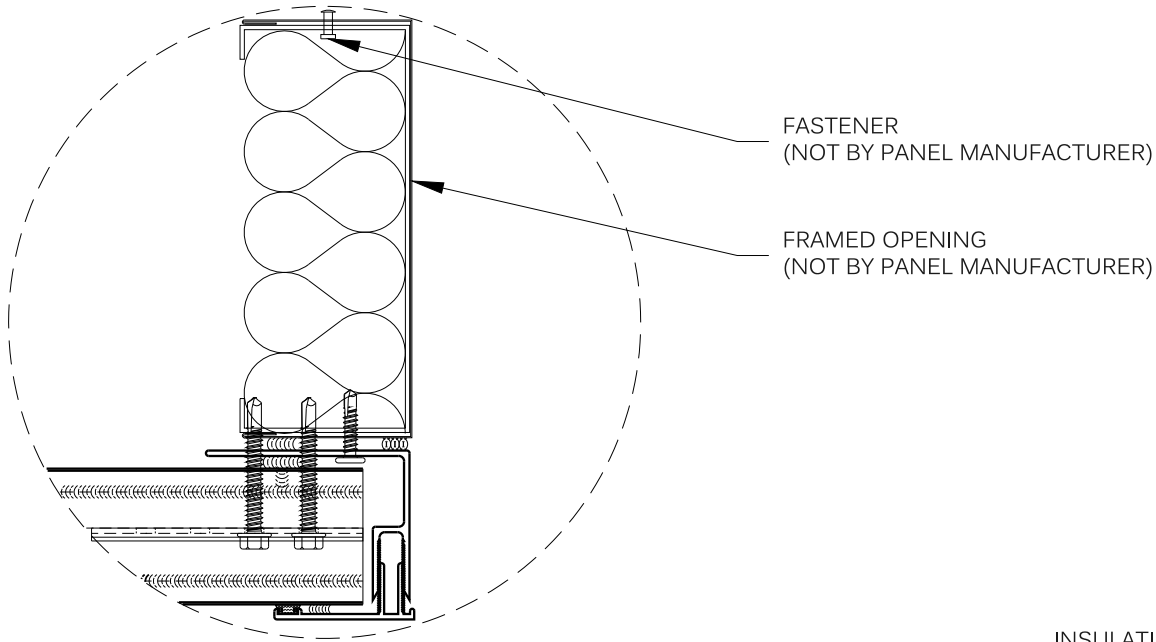


ARCHITECTURAL

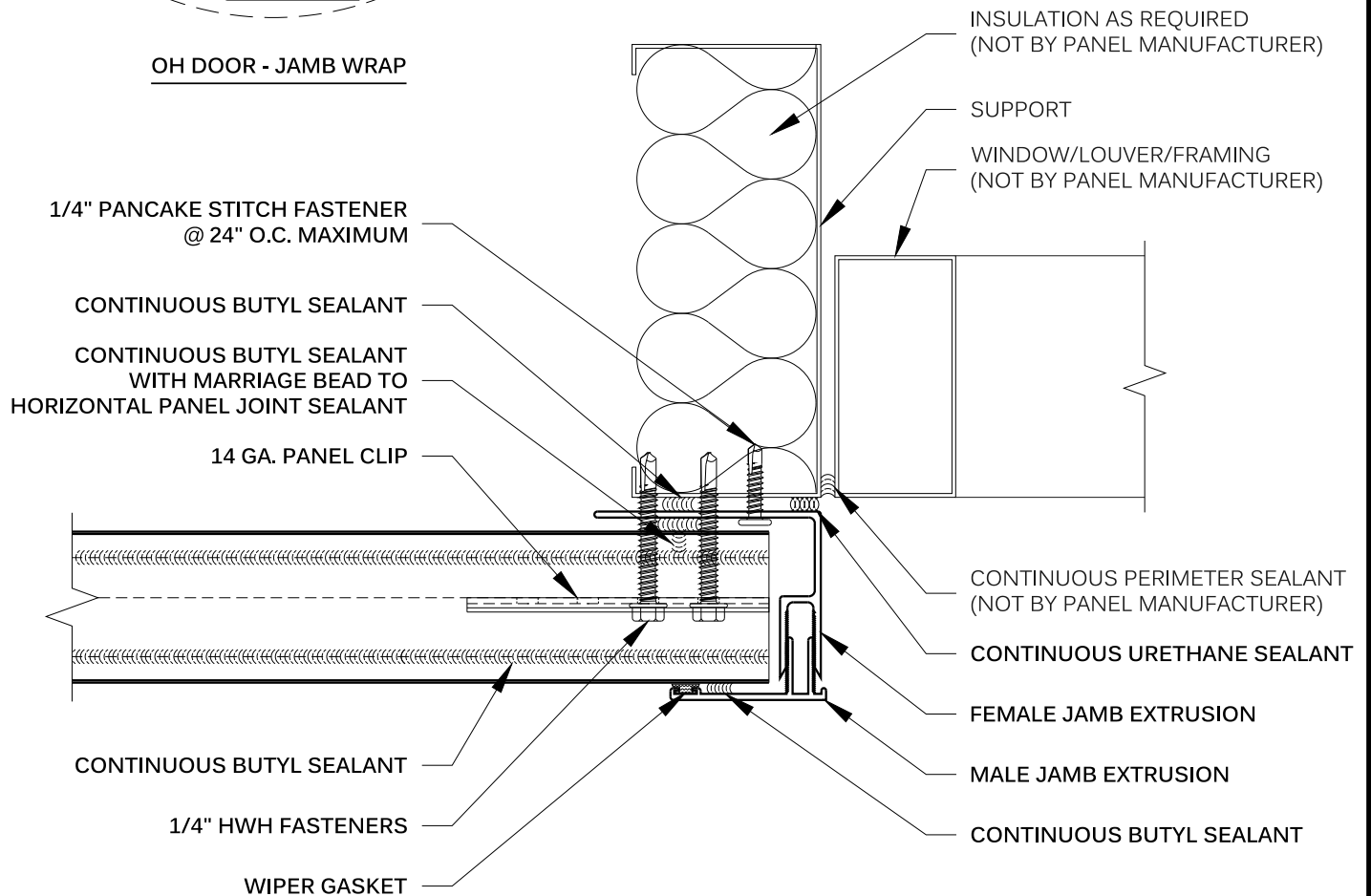
FRAMED OPENING JAMB -  
W/ONE PIECE TRIM

AR-CF-JB-03

DATE: Jul '19



OH DOOR - JAMB WRAP

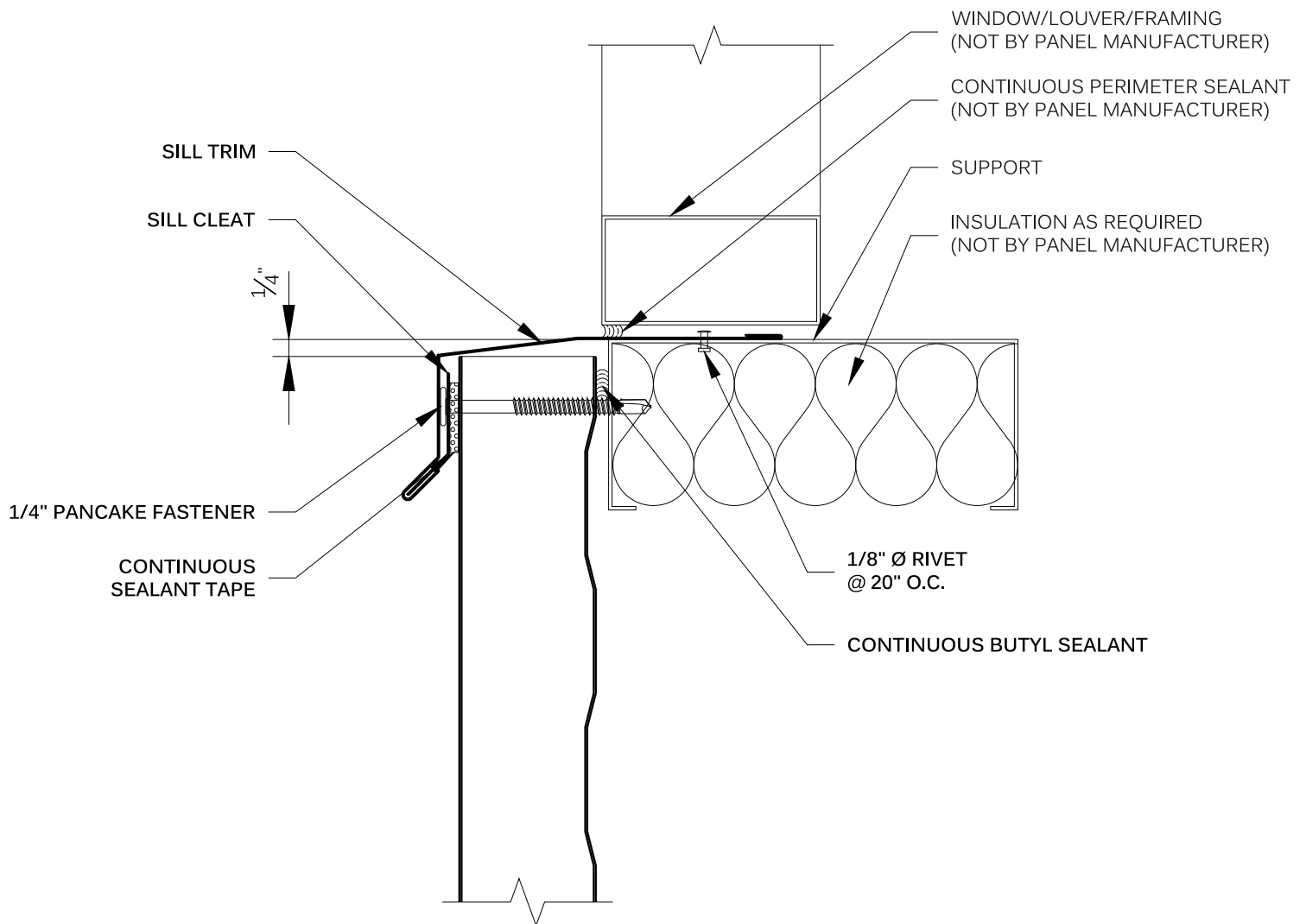


ARCHITECTURAL

FRAMED OPENING JAMB -  
W/TWO PIECE EXTRUSION

AR-CF-JB-04

DATE: Jul '19

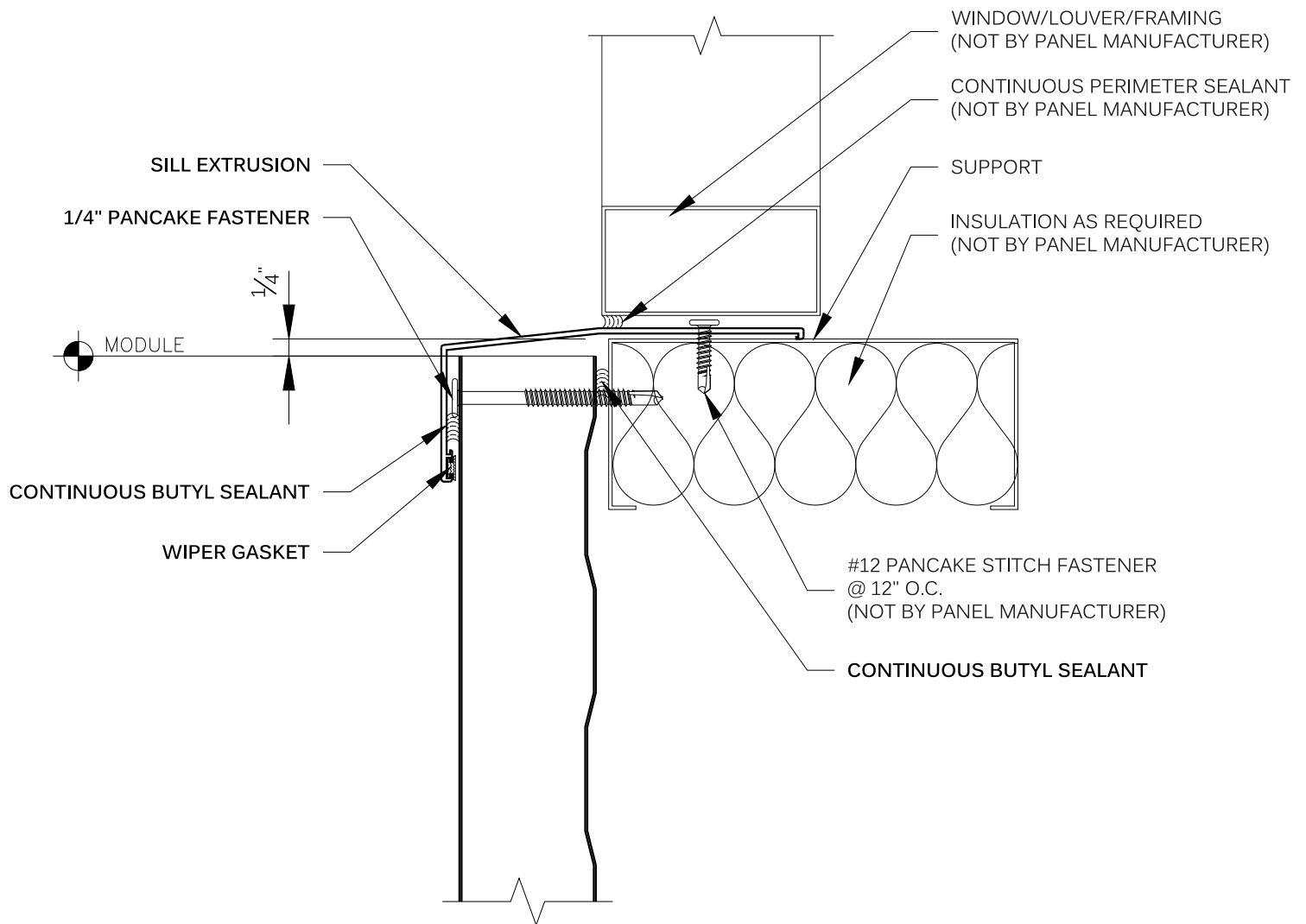


ARCHITECTURAL

FRAMED OPENING SILL -  
OFF MODULE W/TRIM

AR-CF-SL-02

DATE: Jul '19

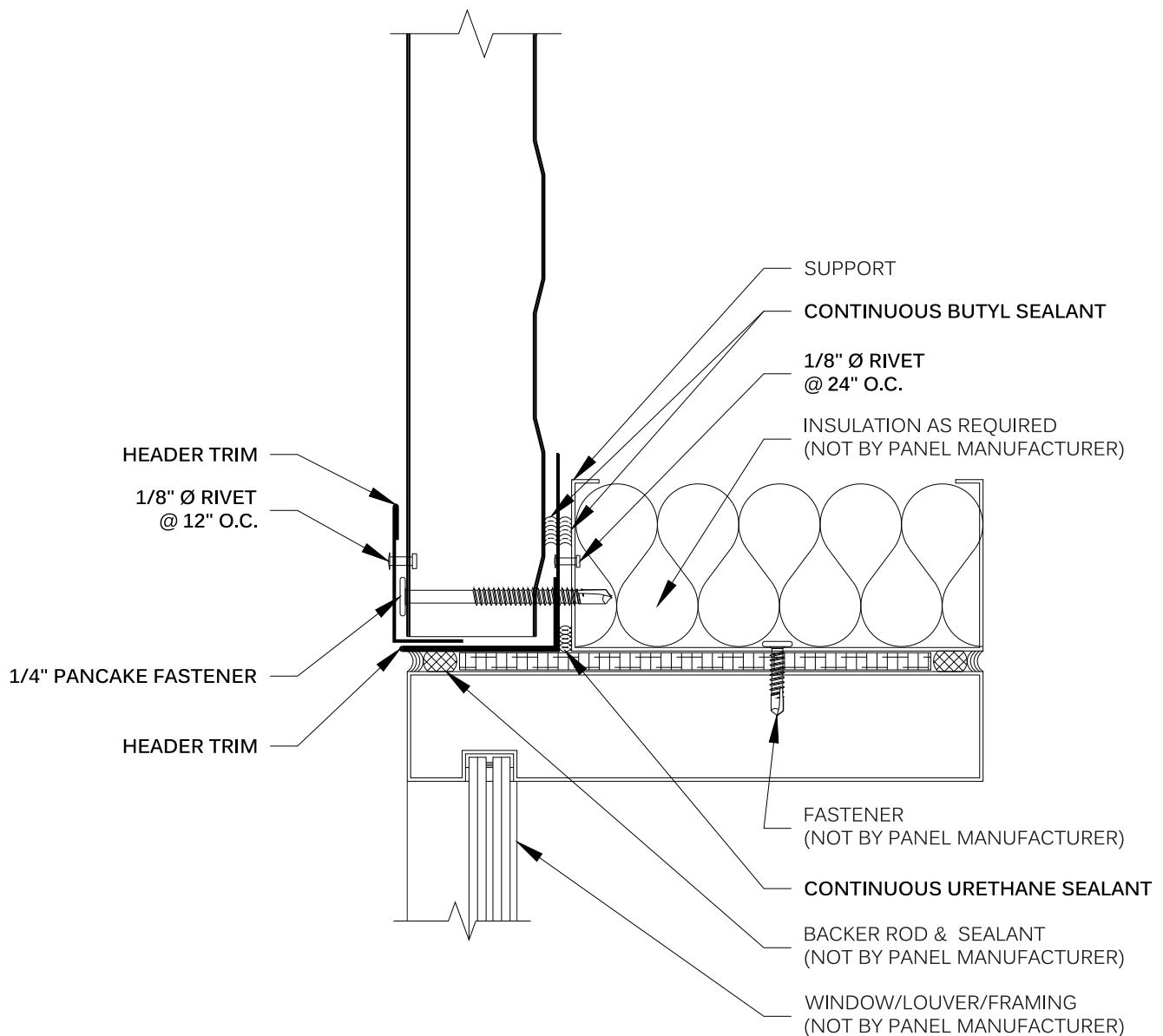


ARCHITECTURAL

FRAMED OPENING SILL -  
OFF MODULE W/EXTRUSION

AR-CF-SL-03

DATE: Jul '19

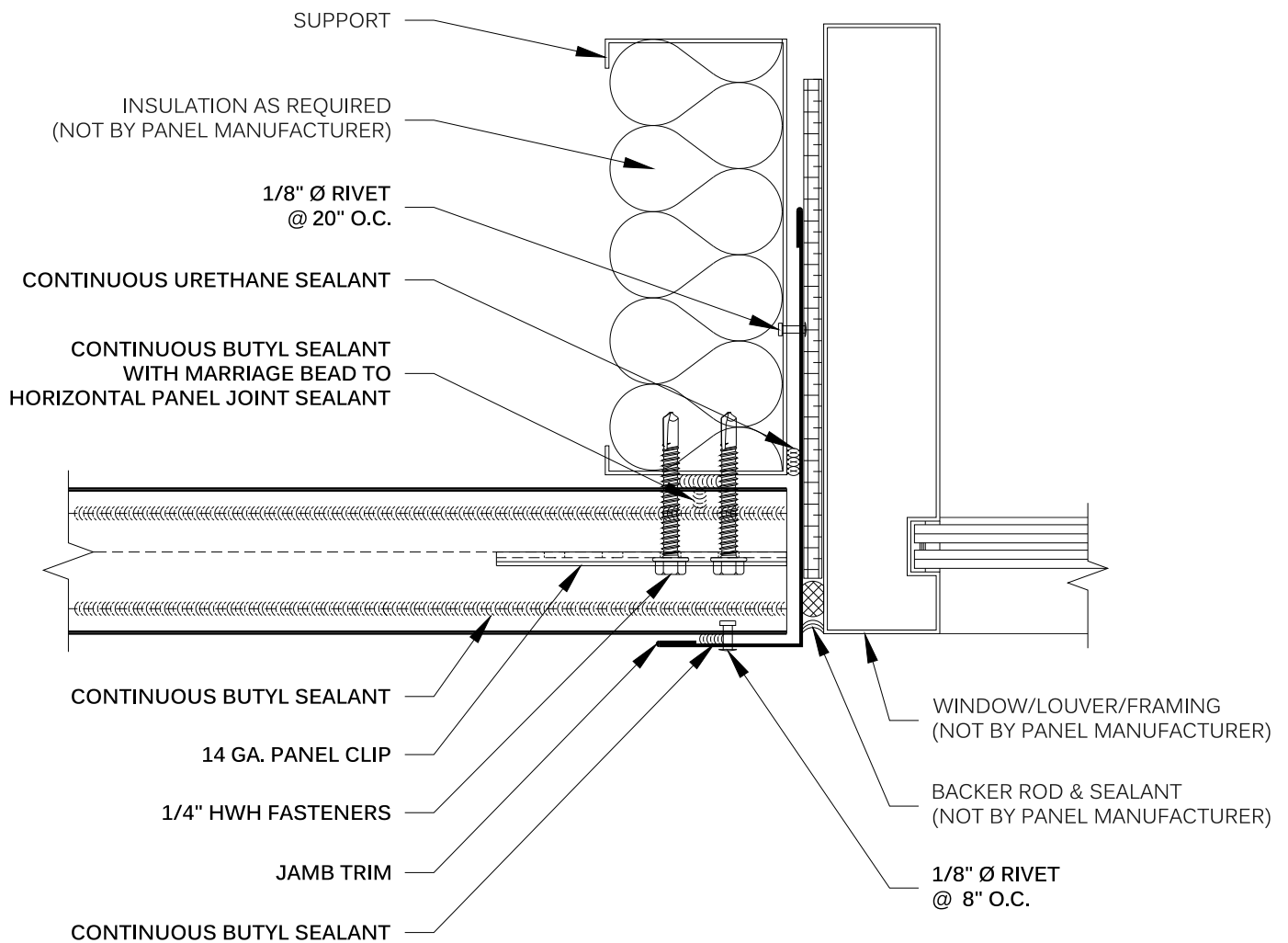


ARCHITECTURAL

STOREFRONT HEAD -  
OFF MODULE

AR-CF-HD-05

DATE: Jul '19

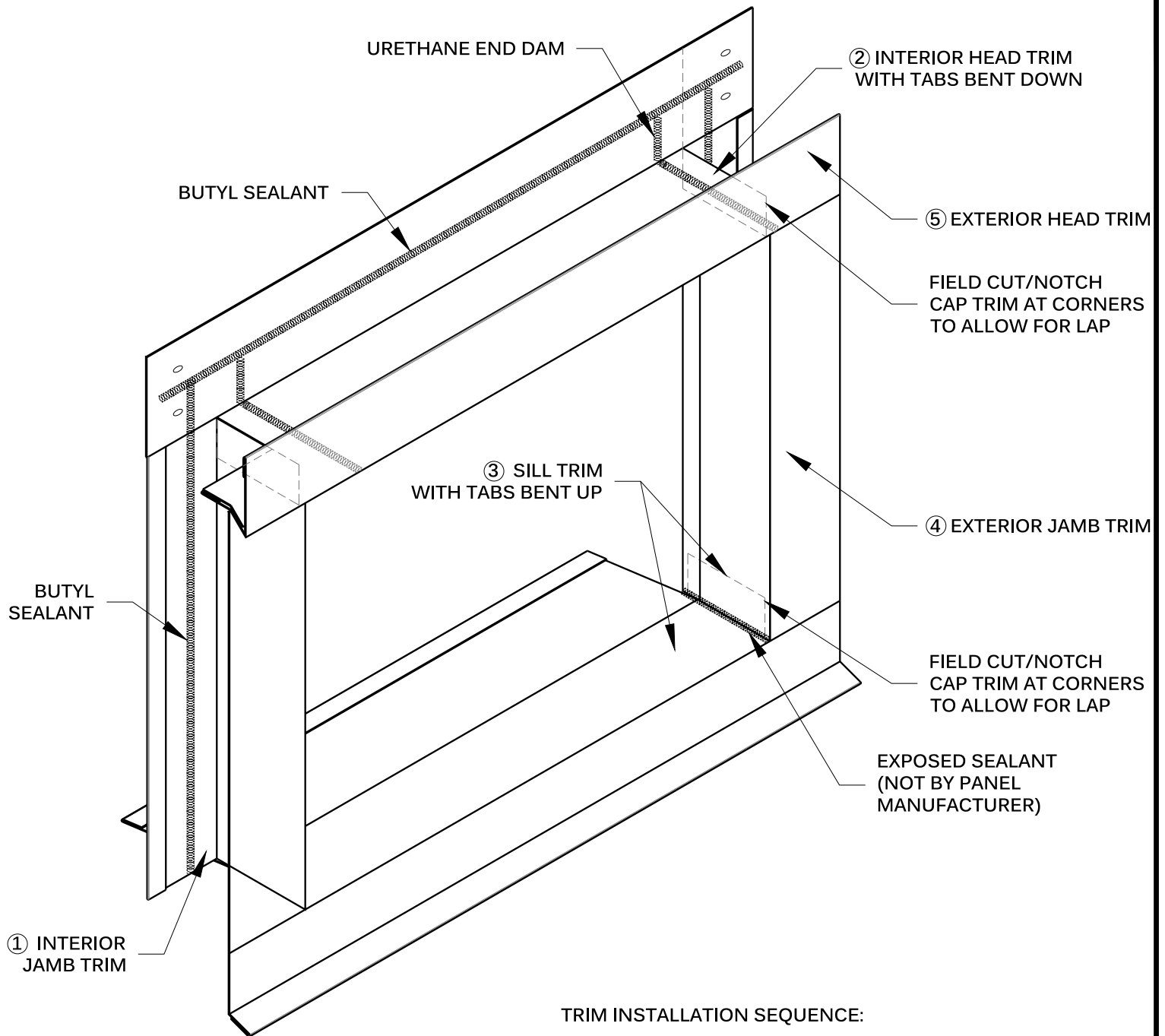


ARCHITECTURAL

STOREFRONT JAMB -  
W/TRIM

AR-CF-JB-05

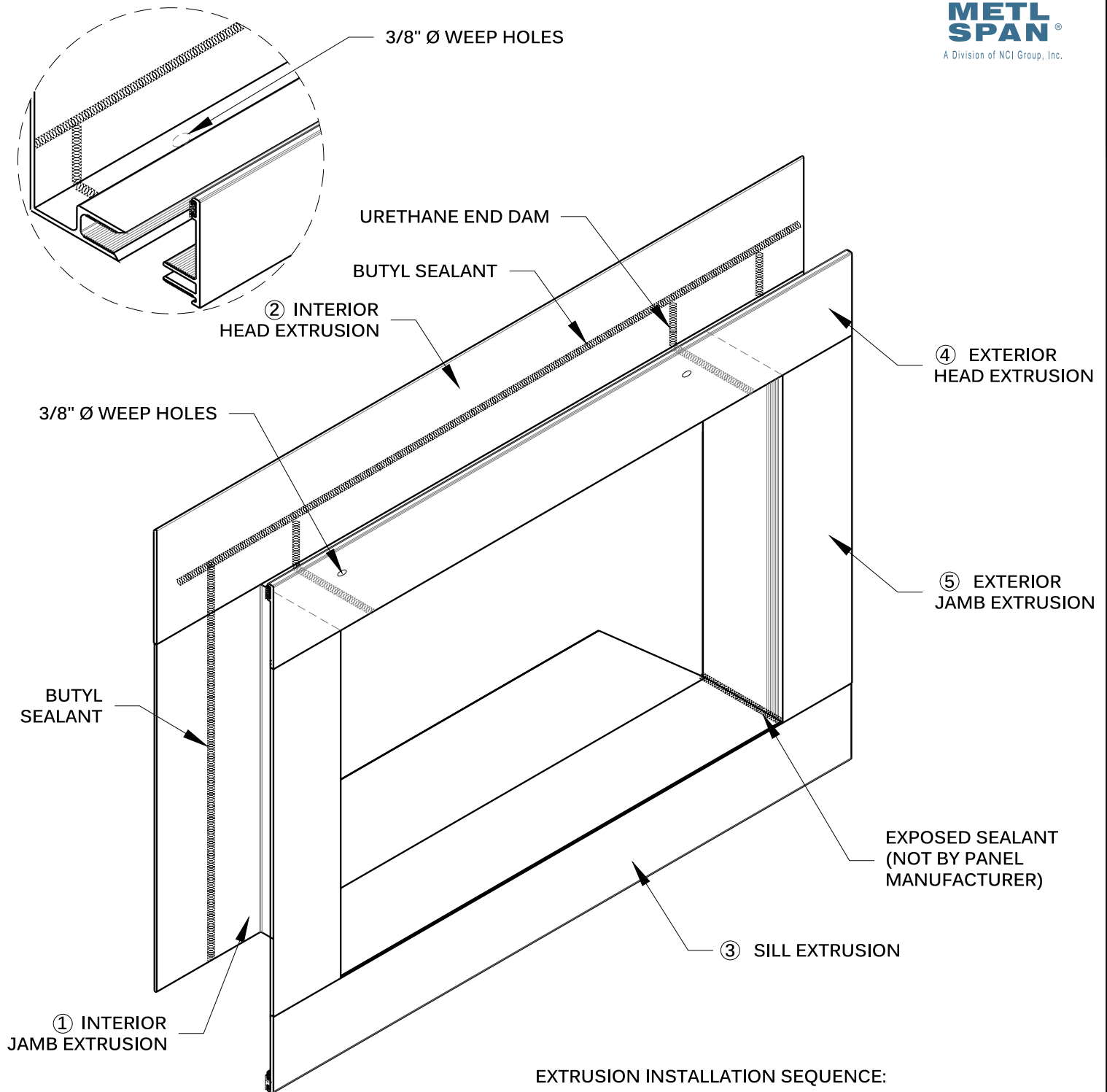
DATE: Jul '19



TRIM INSTALLATION SEQUENCE:

- ① INTERIOR JAMB TRIMS
- ② INTERIOR HEAD TRIM WITH TABS BENT DOWN (NOTCHED)
- ③ SILL TRIM WITH TABS BENT UP (NOTCHED)
- ④ EXTERIOR JAMB TRIMS
- ⑤ EXTERIOR HEAD TRIM

NOTE:  
WINDOWS MUST BE RECESSED



EXTRUSION INSTALLATION SEQUENCE:

- ① INTERIOR JAMB EXTRUSIONS
- ② INTERIOR HEAD EXTRUSION (NOTCHED)
- ③ SILL EXTRUSION (NOTCHED)
- ④ EXTERIOR HEAD EXTRUSION (NOTCHED)
- ⑤ EXTERIOR JAMB EXTRUSIONS

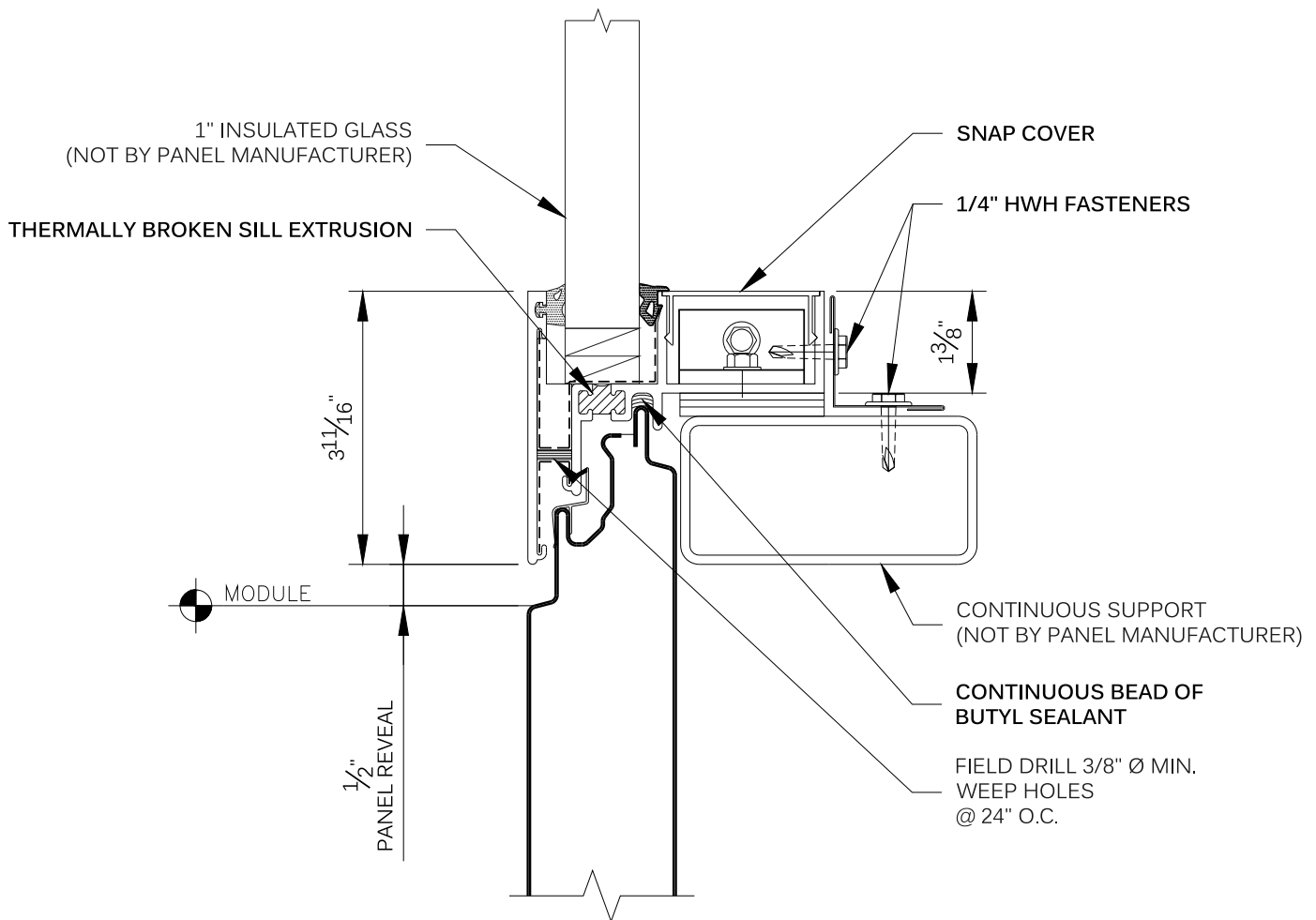
NOTE:  
WINDOWS MUST BE RECESSED

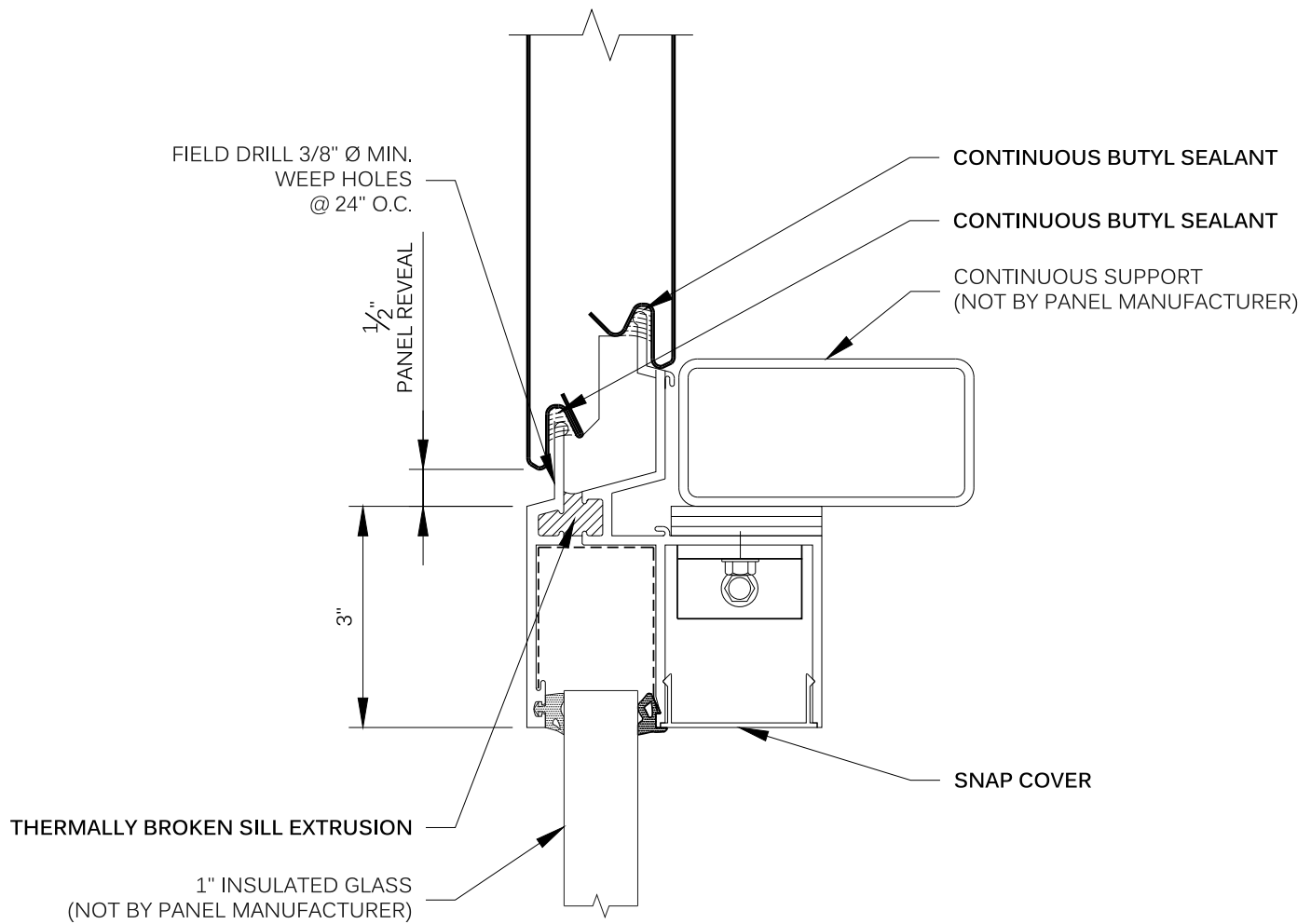
ARCHITECTURAL

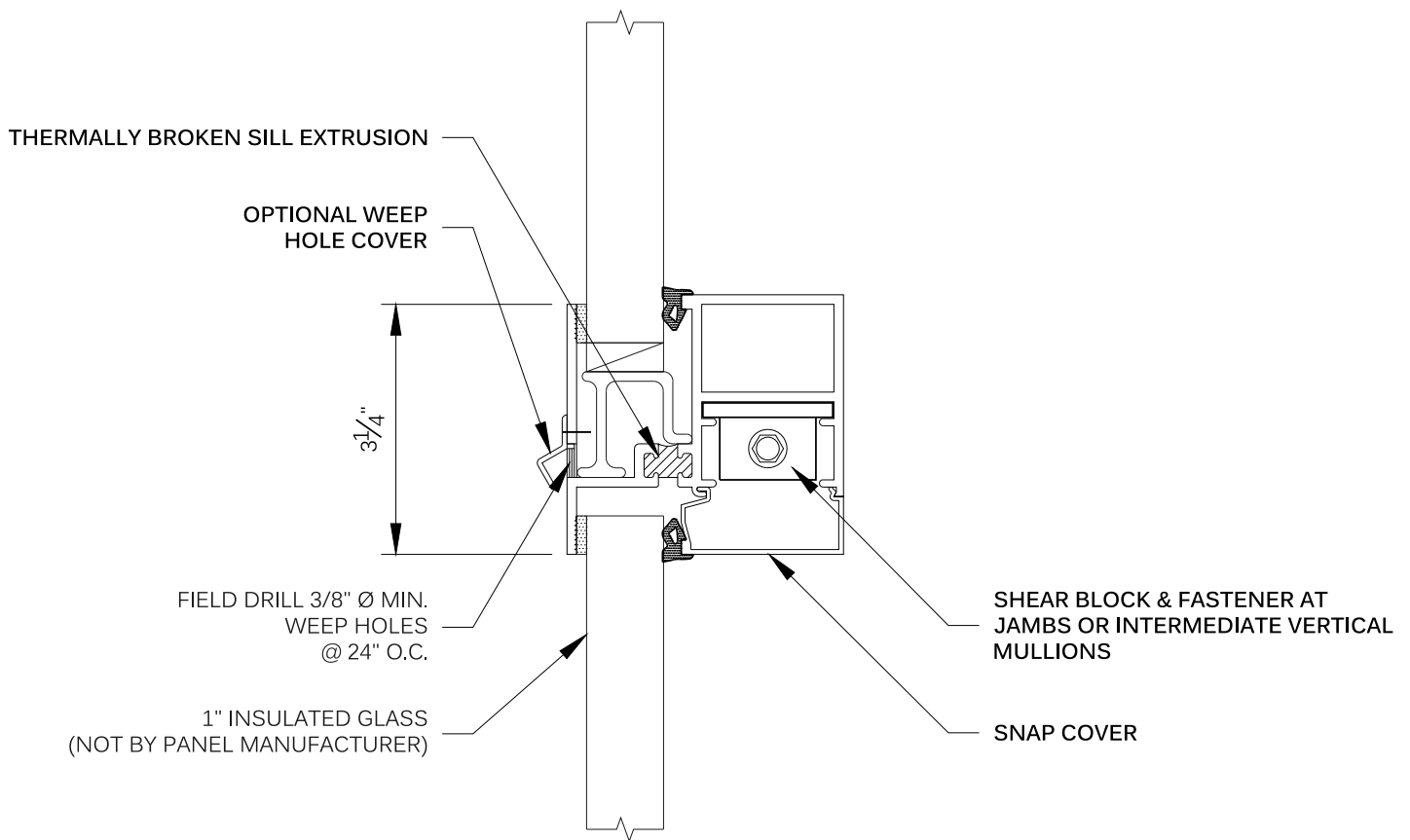
EXTRUSION ASSEMBLY -  
FRAMED OPENINGS

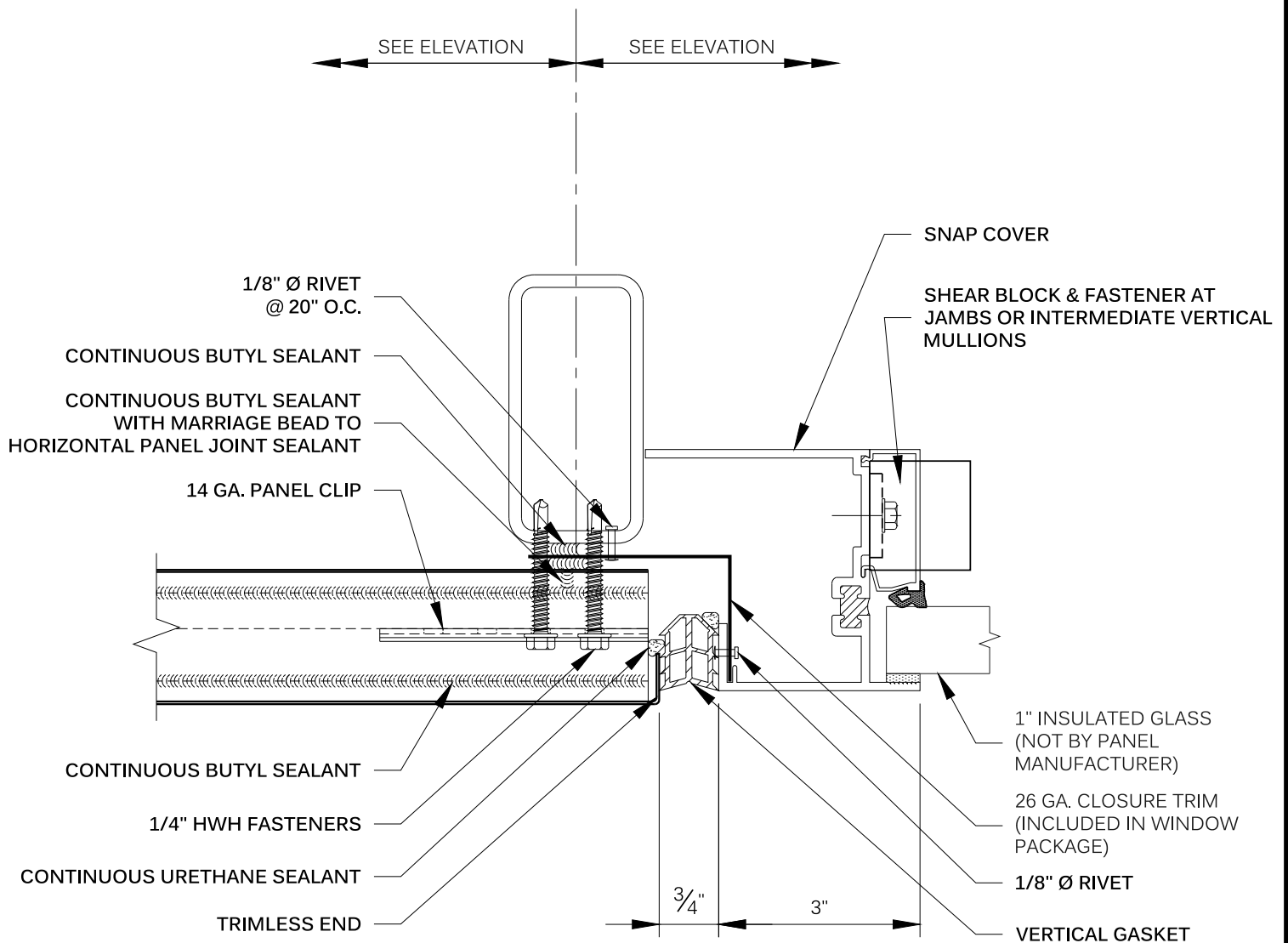
AR-CF-AS-02

DATE: Jul '19







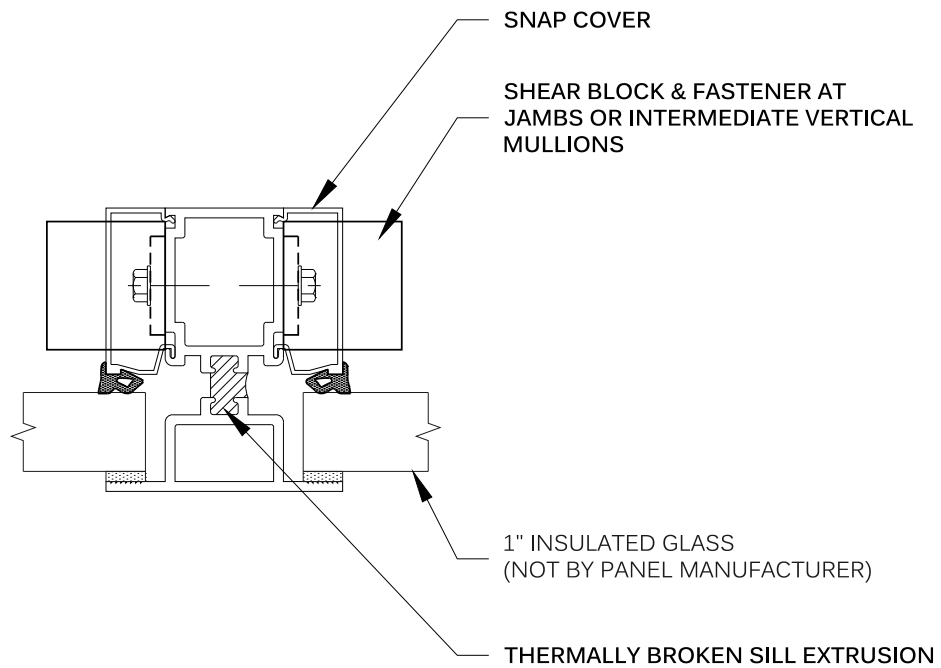


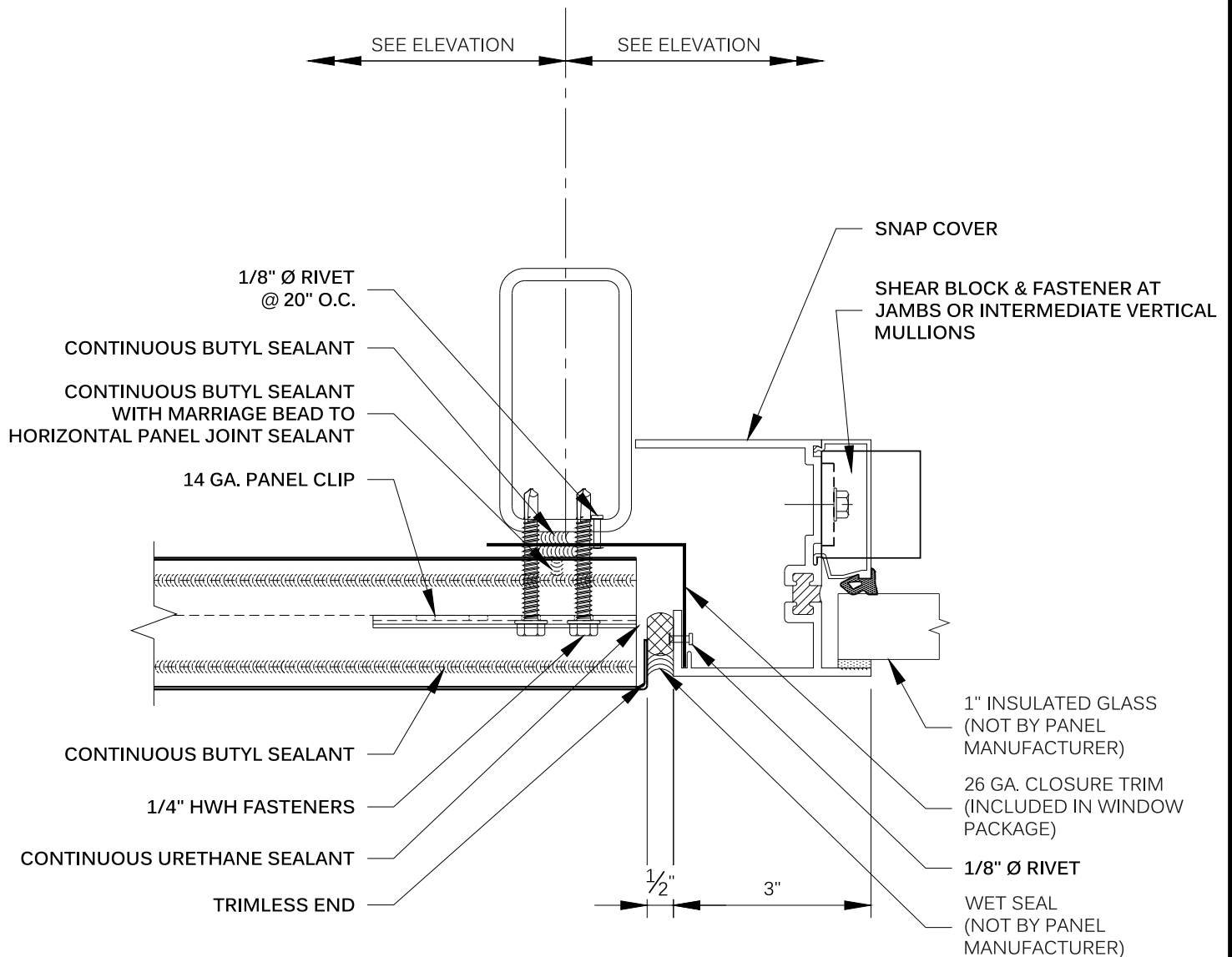
ARCHITECTURAL

METL-VISION -  
JAMB W/GASKET

AR-CF-AS-06

DATE: Jul '19



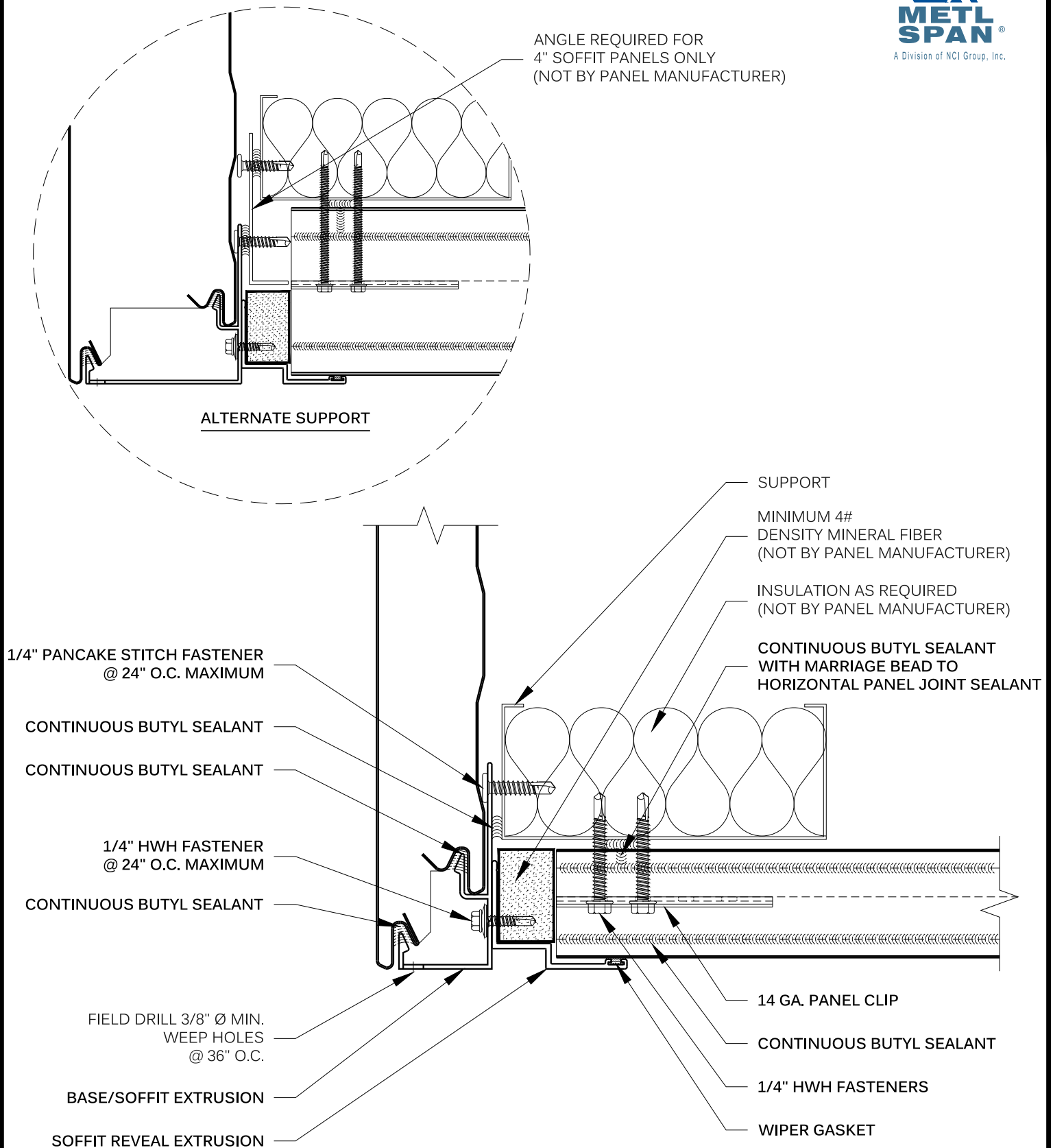


ARCHITECTURAL

METL-VISION -  
JAMB W/WET SEAL

AR-CF-AS-08

DATE: Jul '19

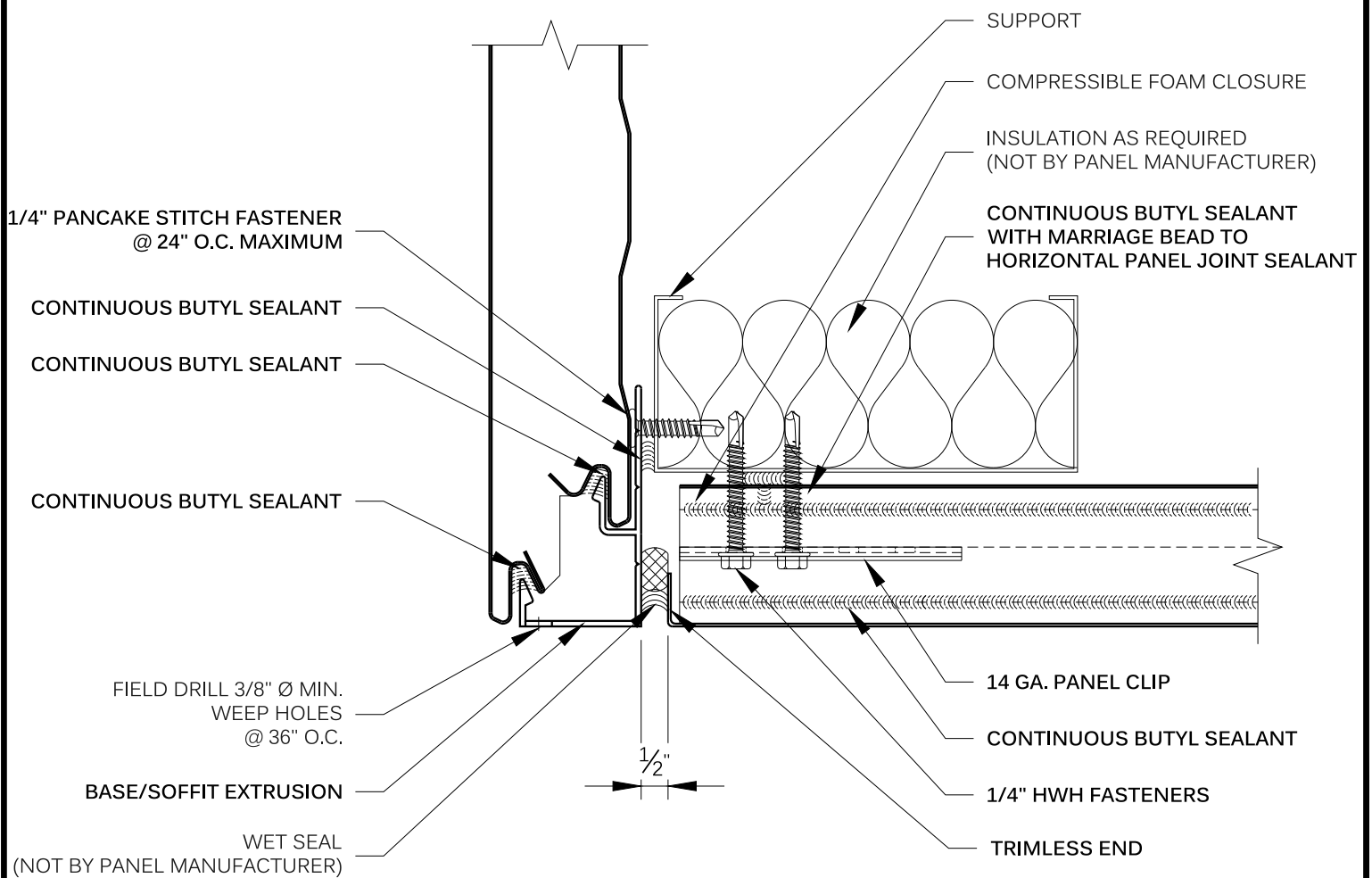


ARCHITECTURAL

SOFFIT - W/REVEAL,  
EXTRUSIONS

AR-CF-SO-01

DATE: Jul '19

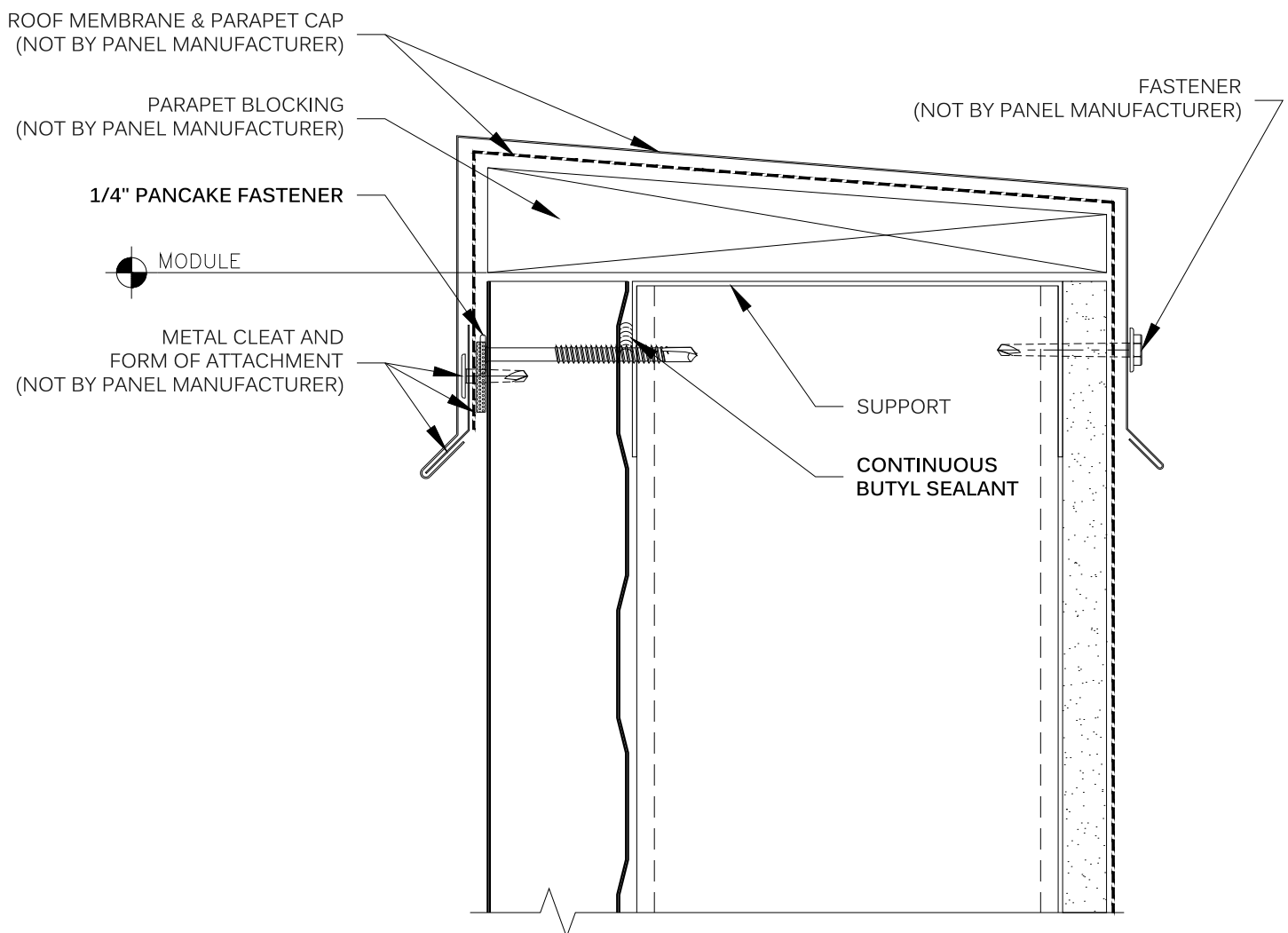


ARCHITECTURAL

SOFFIT - TRIMLESS ENDS ON  
SOFFIT PANELS W/WET SEAL

AR-CF-SO-02

DATE: Jul '19

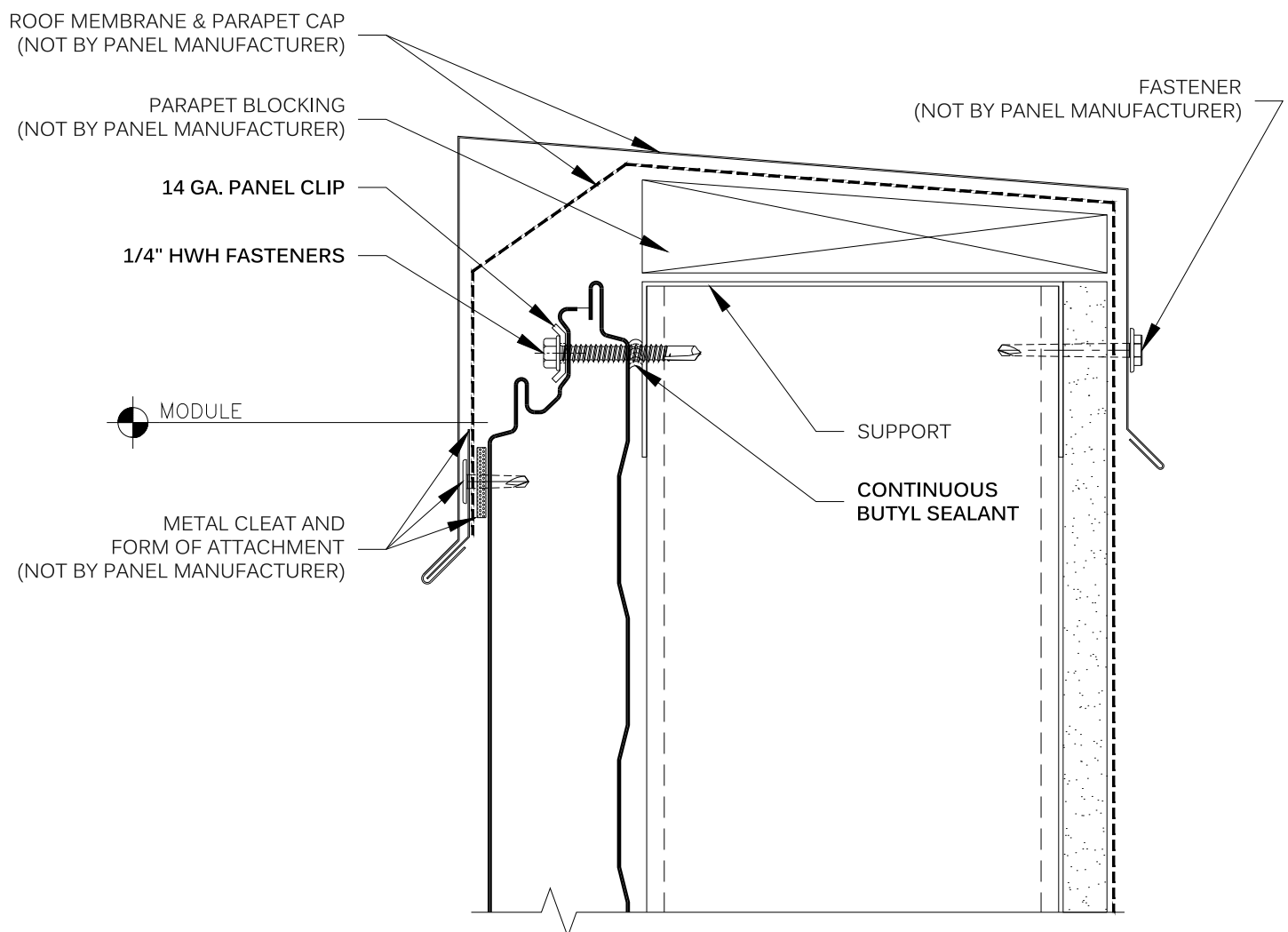


ARCHITECTURAL

PARAPET (SUPPORTED) -  
OFF MODULE W/TRIM

AR-CF-PT-01

DATE: Jul '19

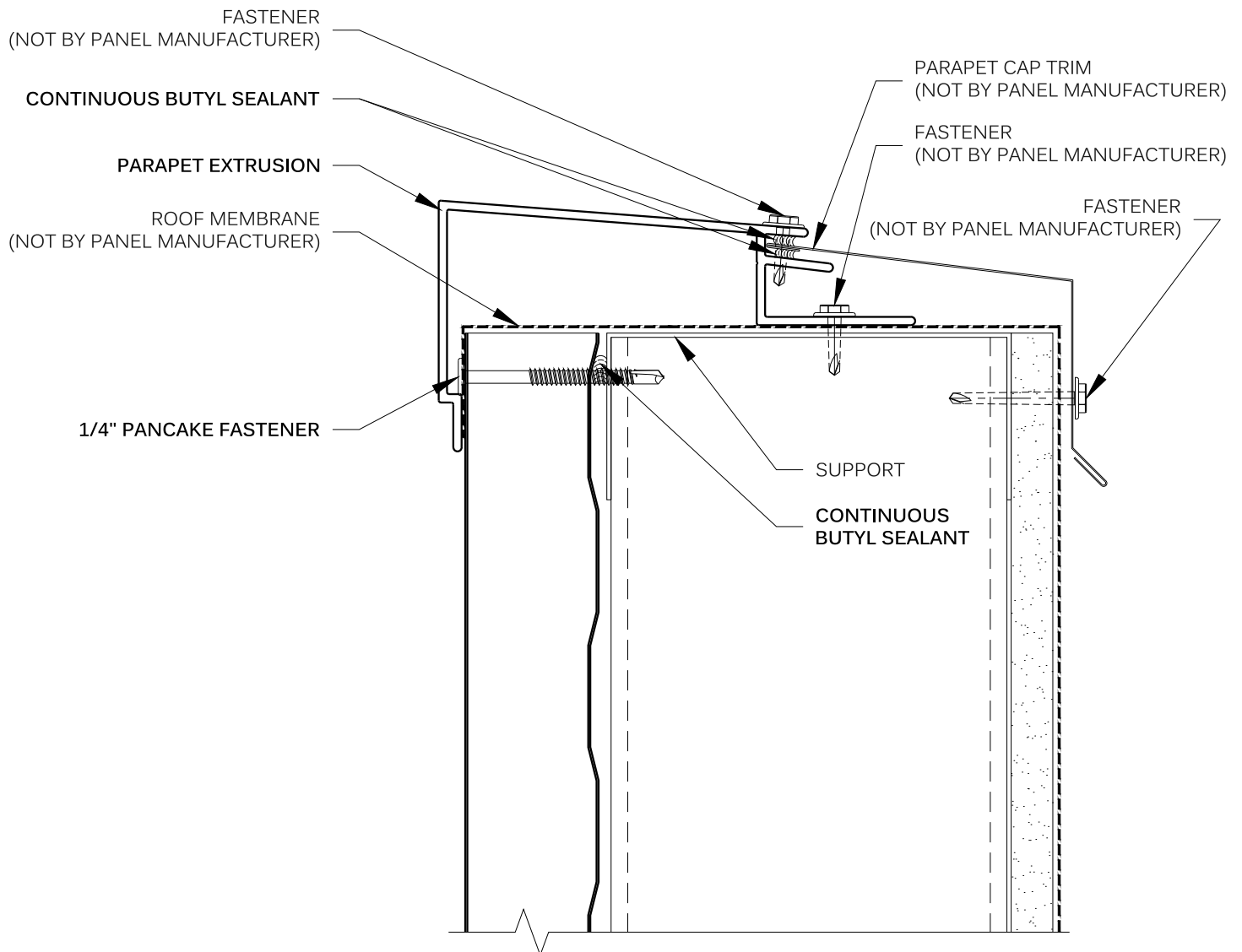


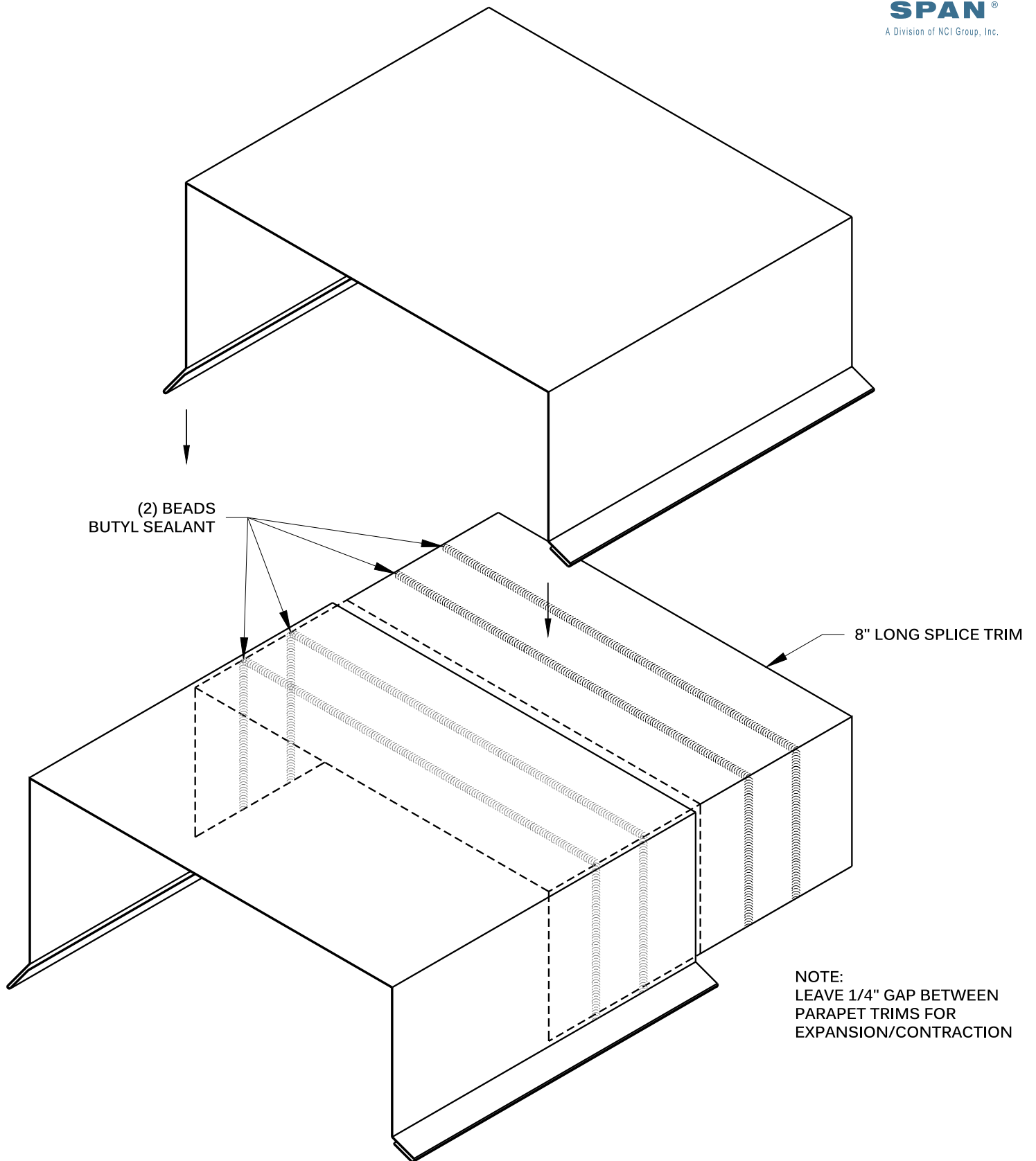
ARCHITECTURAL

PARAPET (SUPPORTED) -  
W/TRIM

AR-CF-PT-02

DATE: Jul '19



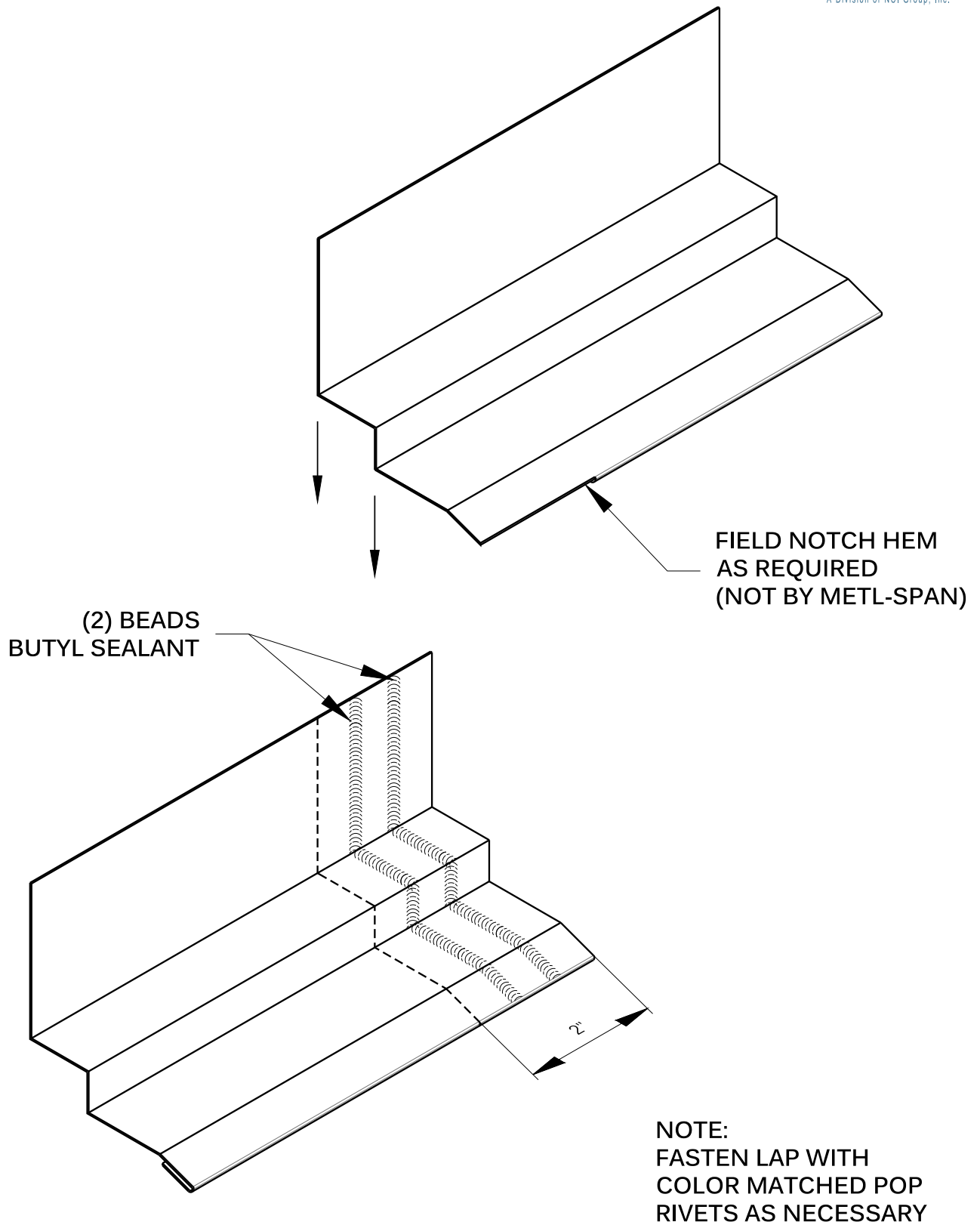


ARCHITECTURAL

PARAPET -  
LAP STRIP INSTALLATION

AR-CF-EL-01

DATE: Jul '19

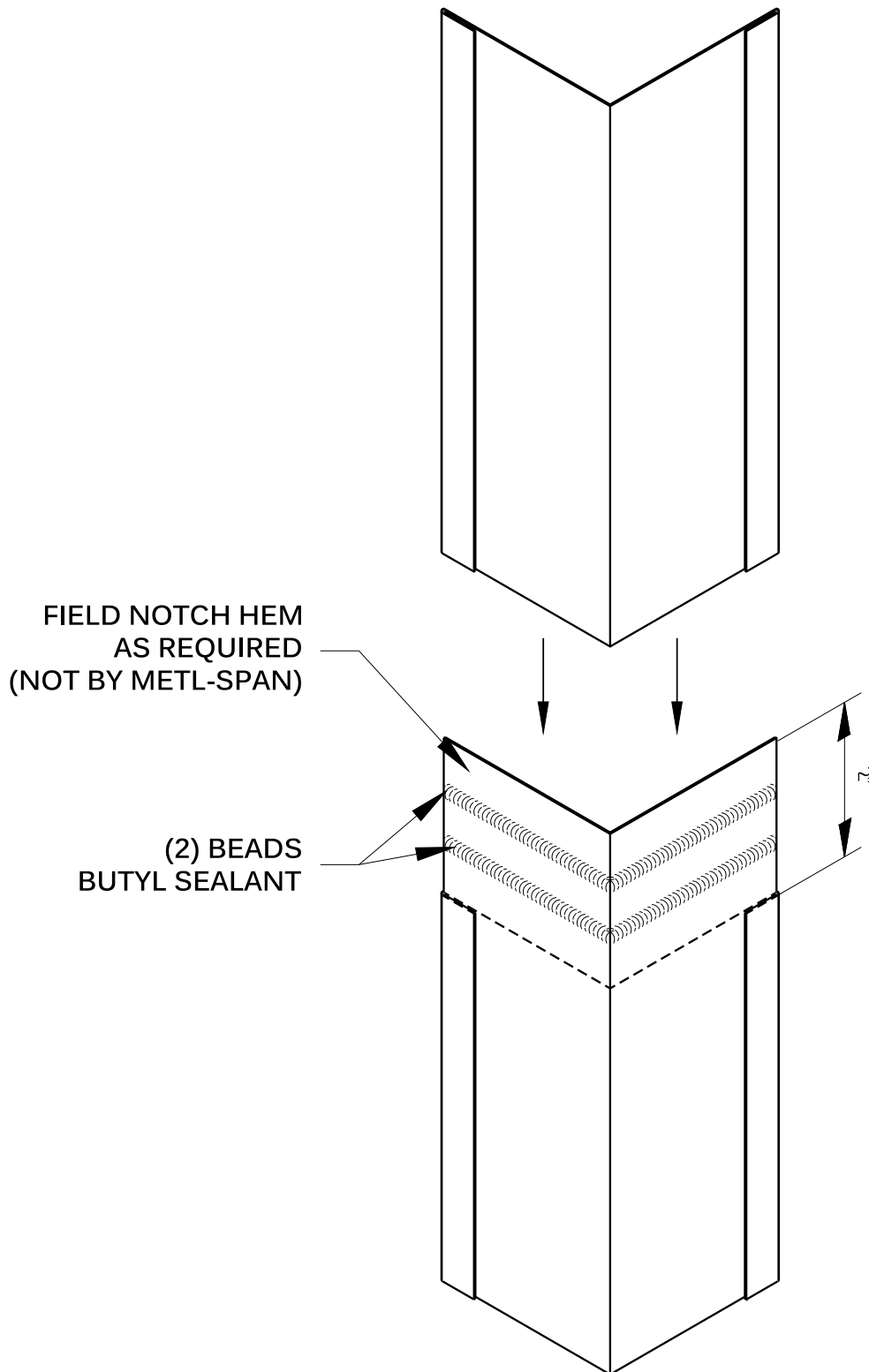


ARCHITECTURAL

TRIM END LAP - BASE

AR-CF-EL-02

DATE: Jul '19



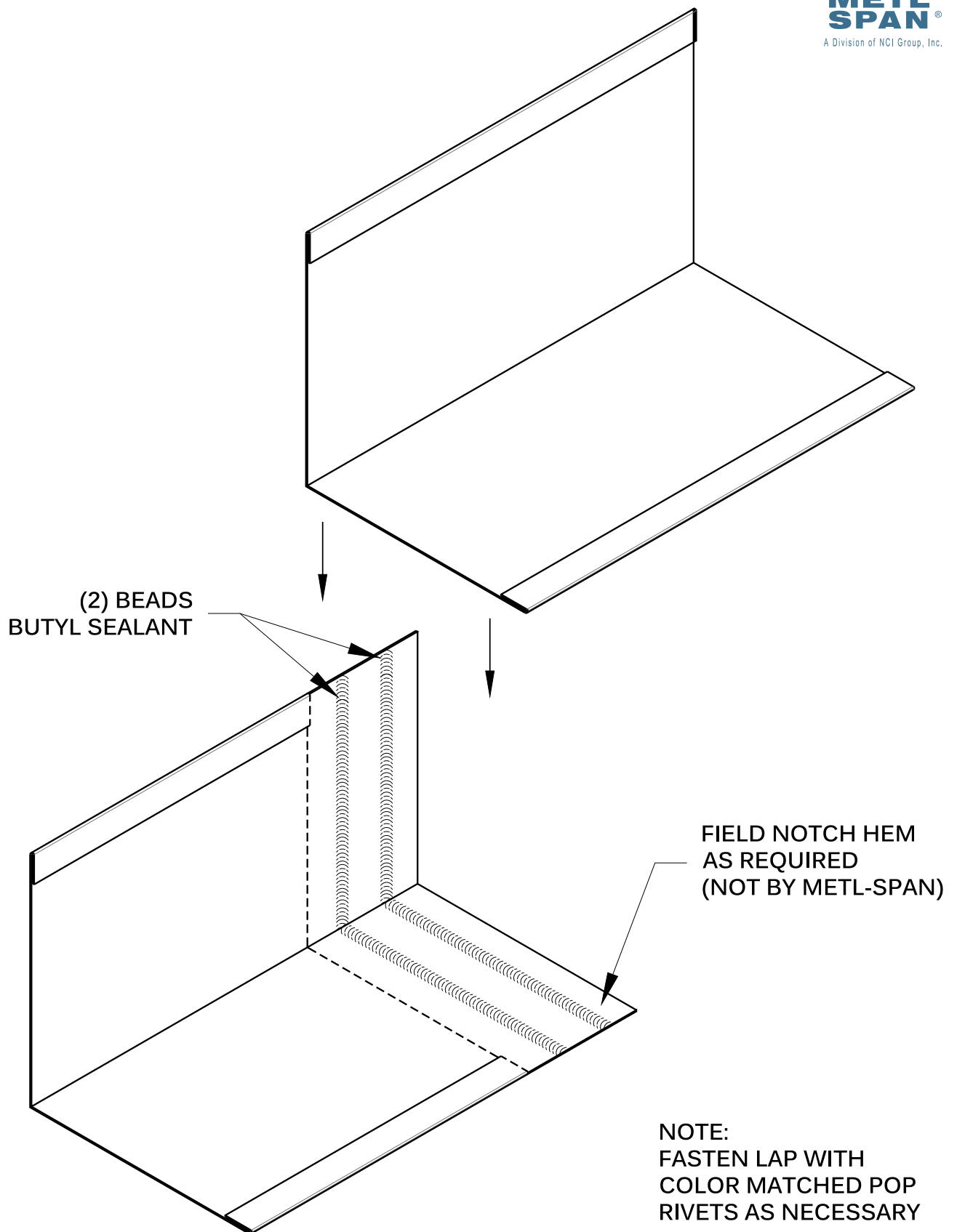
NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

ARCHITECTURAL

TRIM END LAP -  
INTERIOR CORNER

AR-CF-EL-03

DATE: Jul '19

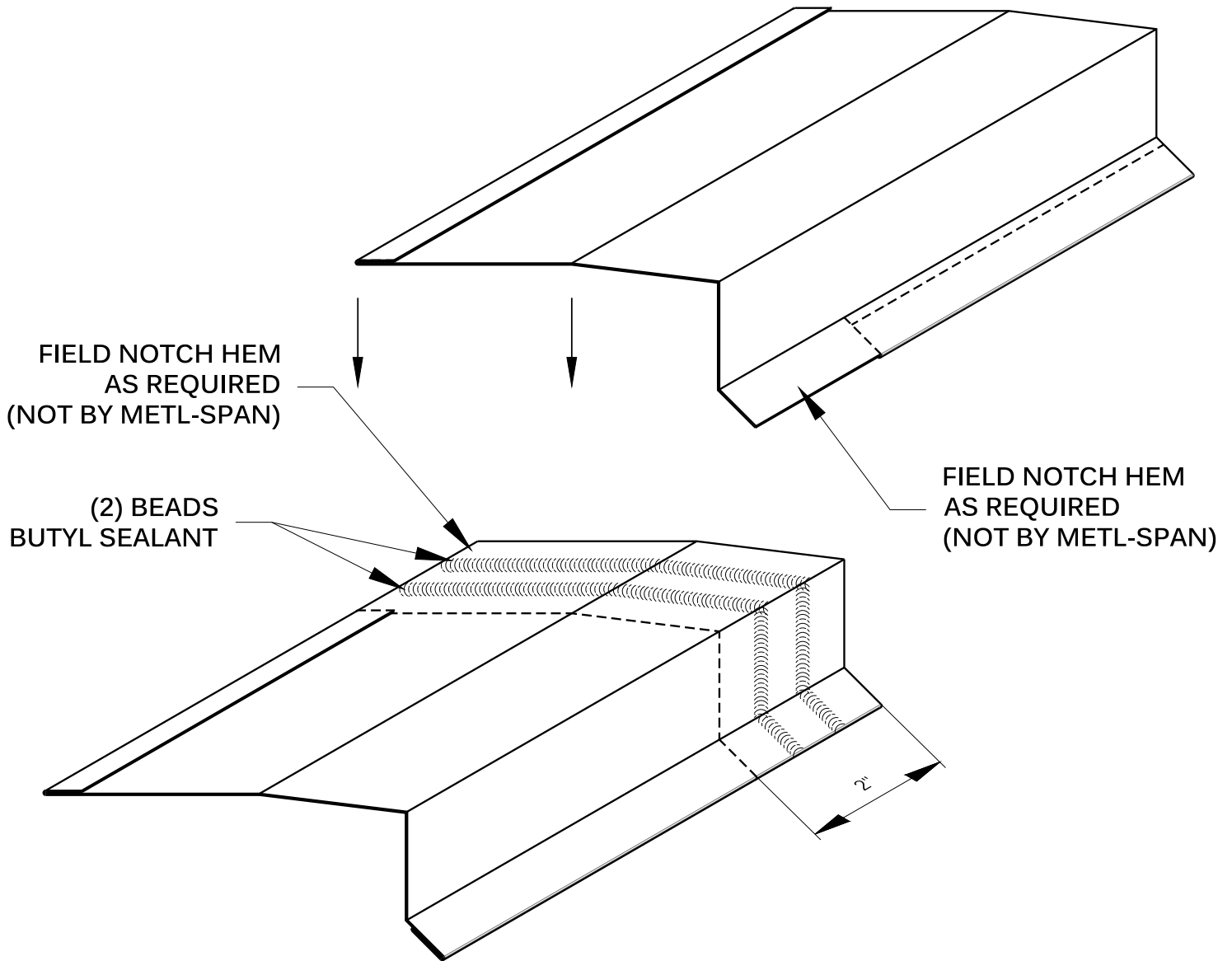


ARCHITECTURAL

TRIM END LAP -  
EXTERIOR CORNER

AR-CF-EL-04

DATE: Jul '19



NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

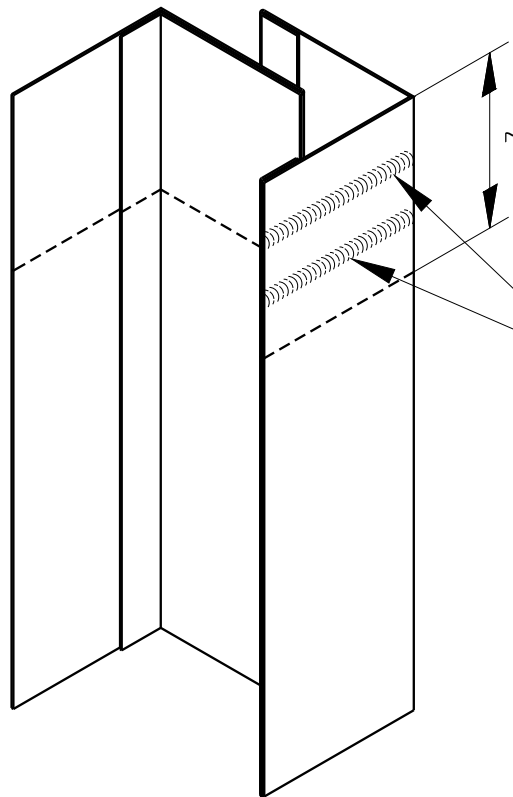
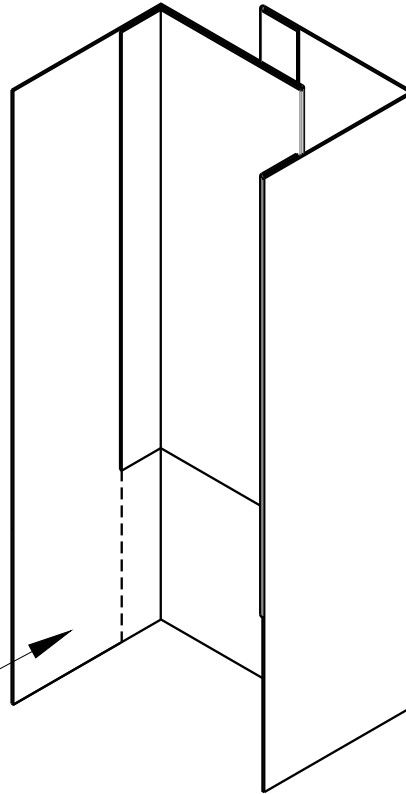
ARCHITECTURAL

TRIM END LAP - SILL

AR-CF-EL-05

DATE: Jul '19

FIELD NOTCH HEM(S)  
AS REQUIRED  
(NOT BY METL-SPAN)



(2) BEADS  
BUTYL SEALANT

NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

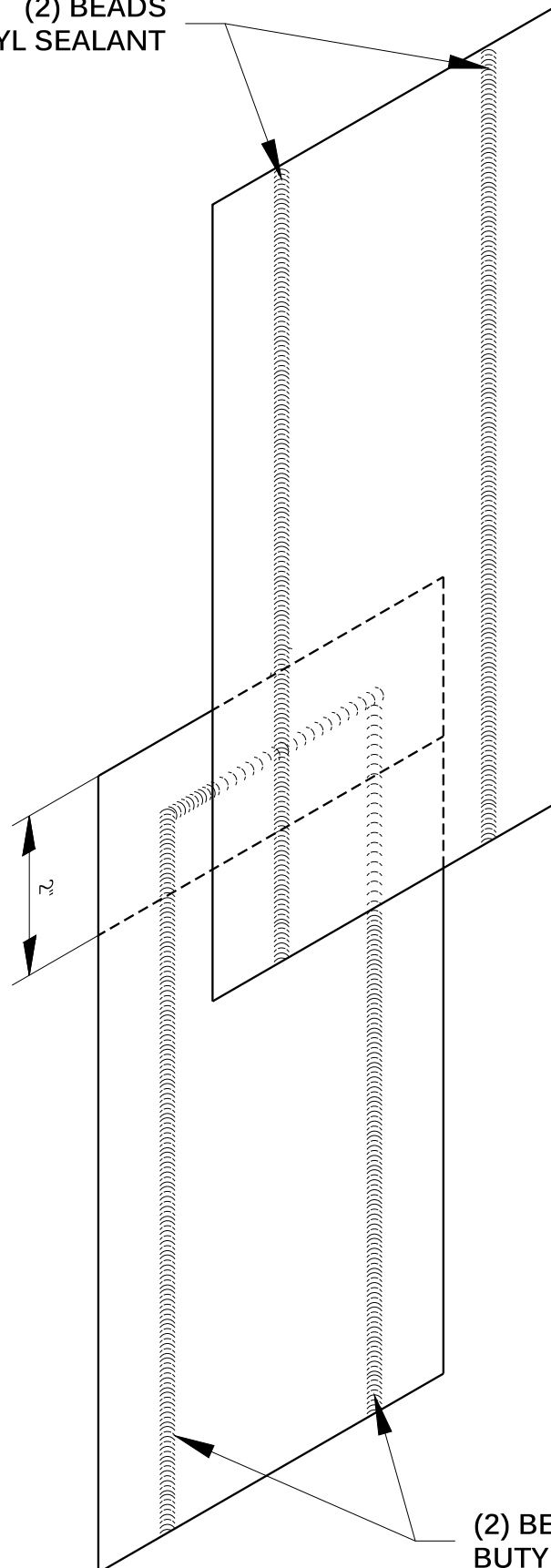
ARCHITECTURAL

TRIM END LAP -  
TWO PIECE JAMBS

AR-CF-EL-06

DATE: Jul '19

(2) BEADS  
BUTYL SEALANT



NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

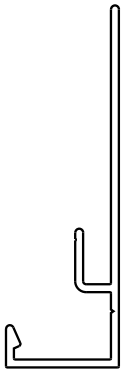
(2) BEADS  
BUTYL SEALANT

ARCHITECTURAL

MENDING PLATE  
SHINGLE LAP

AR-CF-EL-07

DATE: Jul '19



2" BASE/HEAD EXTRUSION  
[9479ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

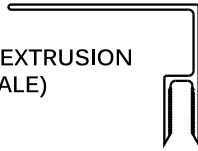


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

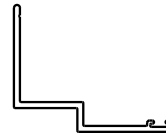
2" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9420ANC]



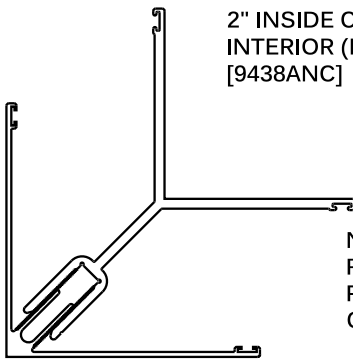
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



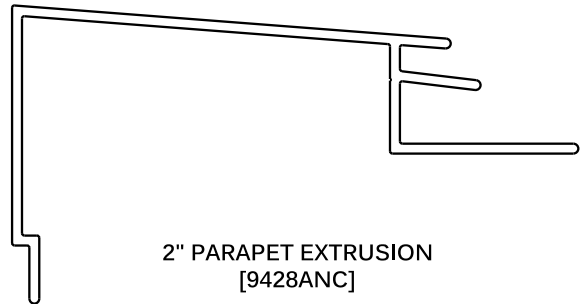
2" INSIDE CORNER  
INTERIOR (FEMALE)  
[9438ANC]



2" OUTSIDE CORNER  
EXTERIOR (MALE)  
[9425ANC]

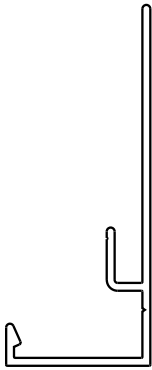
NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

2" PARAPET EXTRUSION  
[9428ANC]

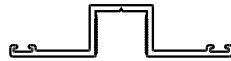


2" SILL EXTRUSION  
[9413ANC]





2.5" BASE/HEAD EXTRUSION  
[9478ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

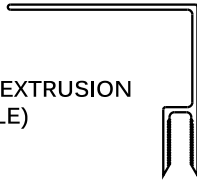


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

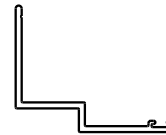
2.5" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9421ANC]



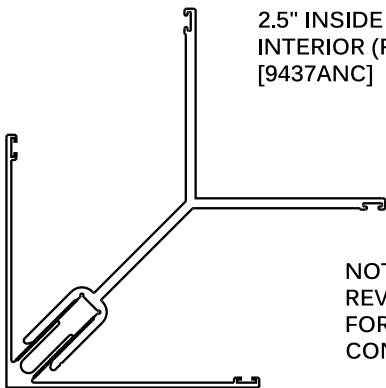
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



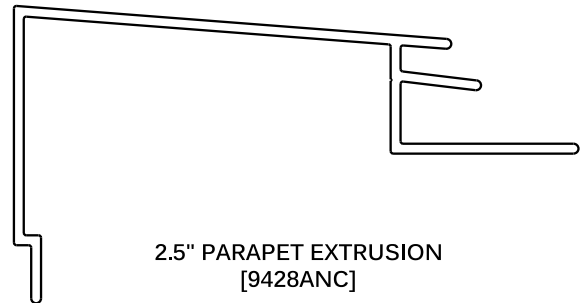
2.5" INSIDE CORNER  
INTERIOR (FEMALE)  
[9437ANC]



2.5" OUTSIDE CORNER  
EXTERIOR (MALE)  
[9425ANC]

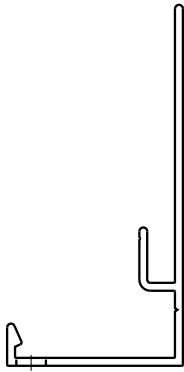
NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

2.5" PARAPET EXTRUSION  
[9428ANC]



2.5" SILL EXTRUSION  
[9413ANC]





3" BASE/HEAD EXTRUSION  
[9477ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

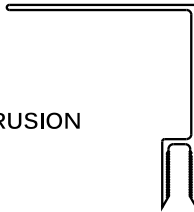


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

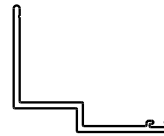
3" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9422ANC]



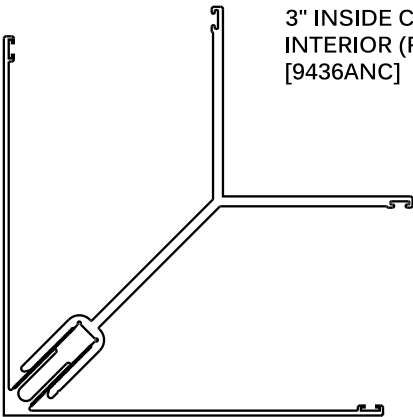
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



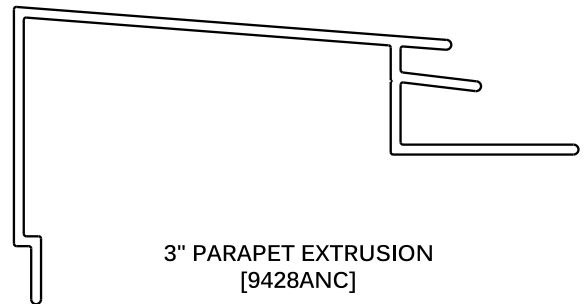
3" INSIDE CORNER  
INTERIOR (FEMALE)  
[9436ANC]



3" OUTSIDE CORNER  
EXTERIOR (MALE)  
[9429ANC]

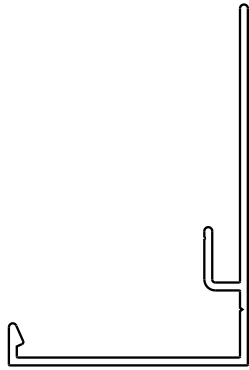
NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

3" PARAPET EXTRUSION  
[9428ANC]



3" SILL EXTRUSION  
[9413ANC]





4" BASE/HEAD EXTRUSION  
[9475ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

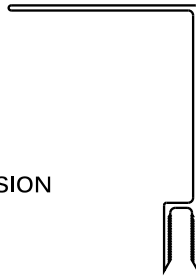


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

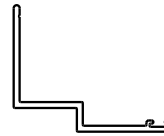
4" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9423ANC]



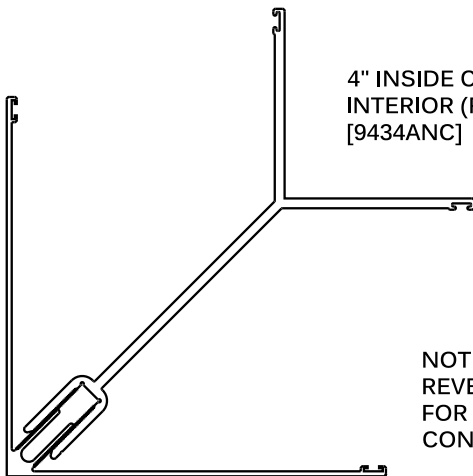
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



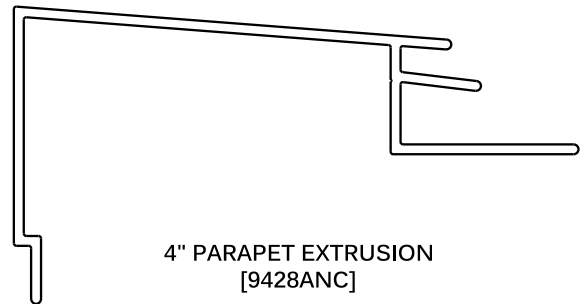
4" INSIDE CORNER  
INTERIOR (FEMALE)  
[9434ANC]



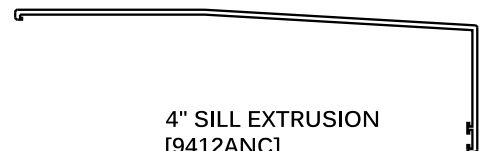
4" OUTSIDE CORNER  
EXTERIOR (MALE)  
[9429ANC]

NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

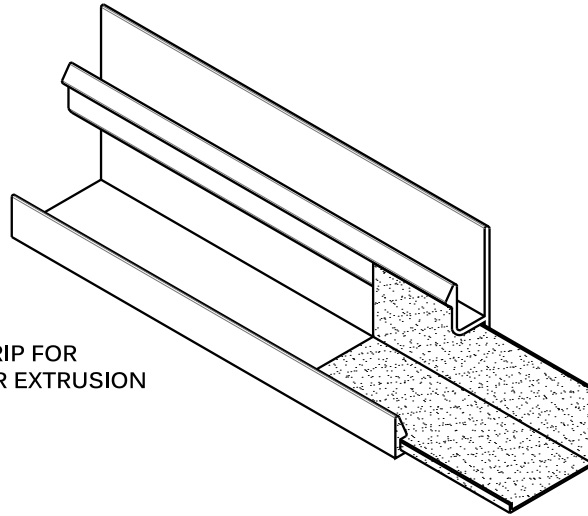
4" PARAPET EXTRUSION  
[9428ANC]



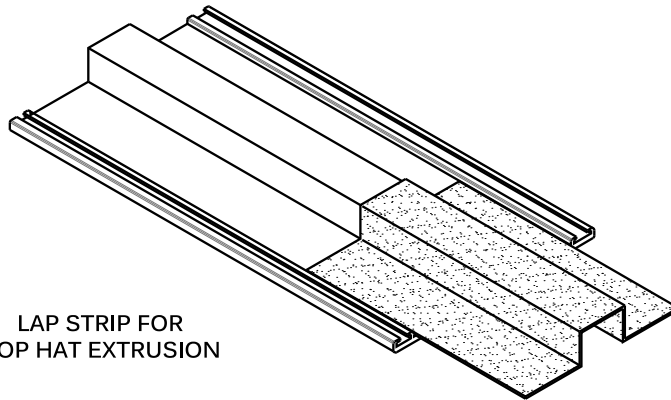
4" SILL EXTRUSION  
[9412ANC]



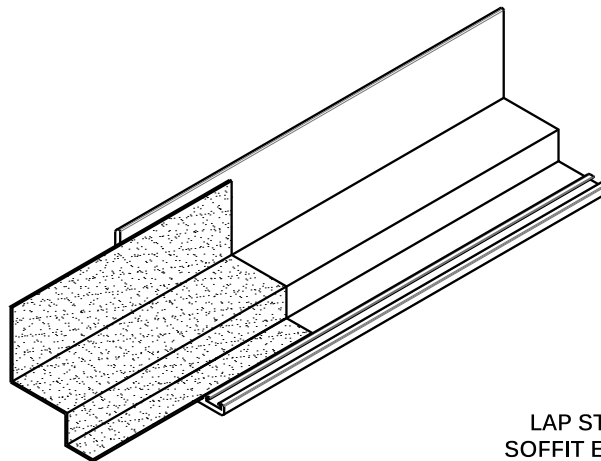
LAP STRIP FOR  
BASE/HEADER EXTRUSION

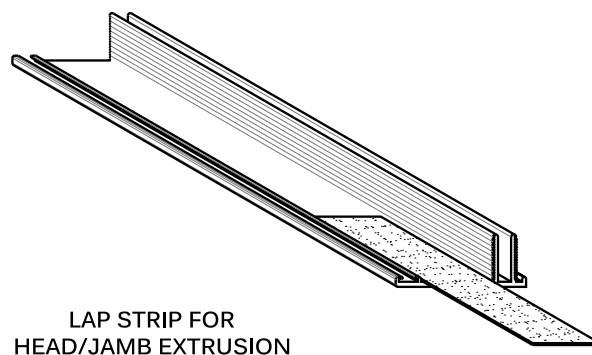
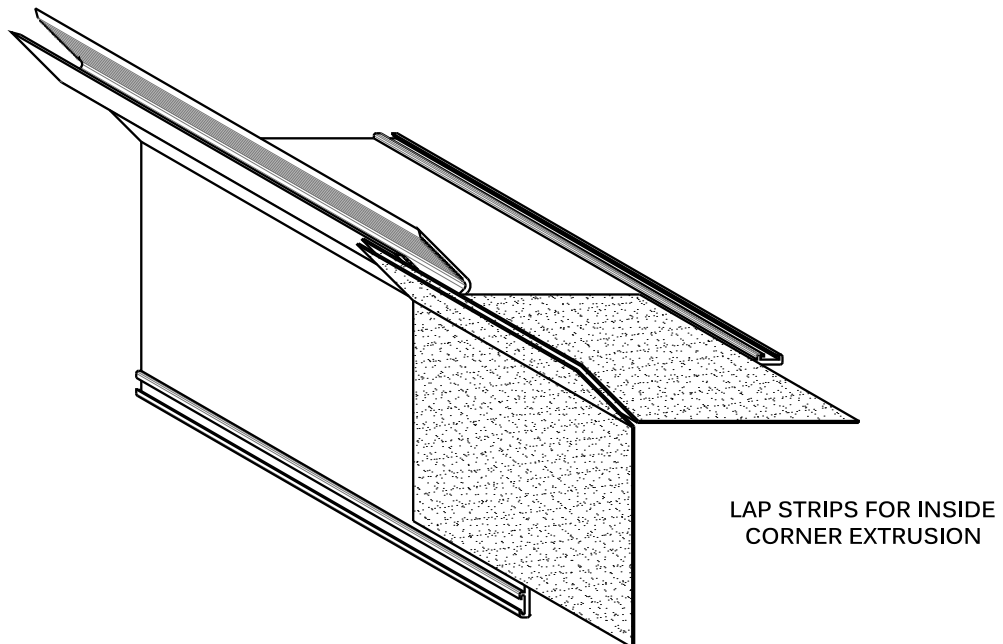
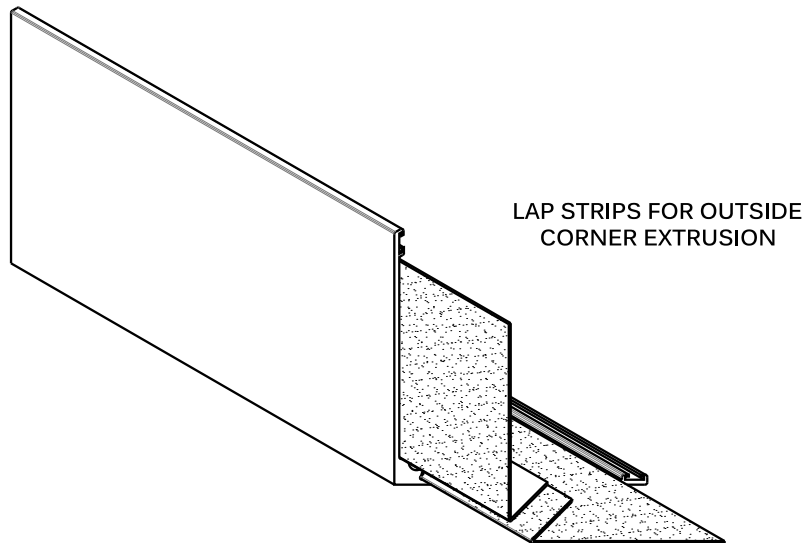


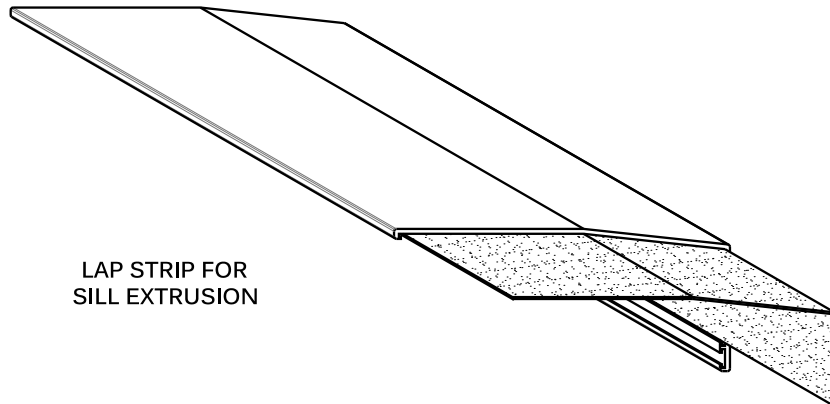
LAP STRIP FOR  
TOP HAT EXTRUSION



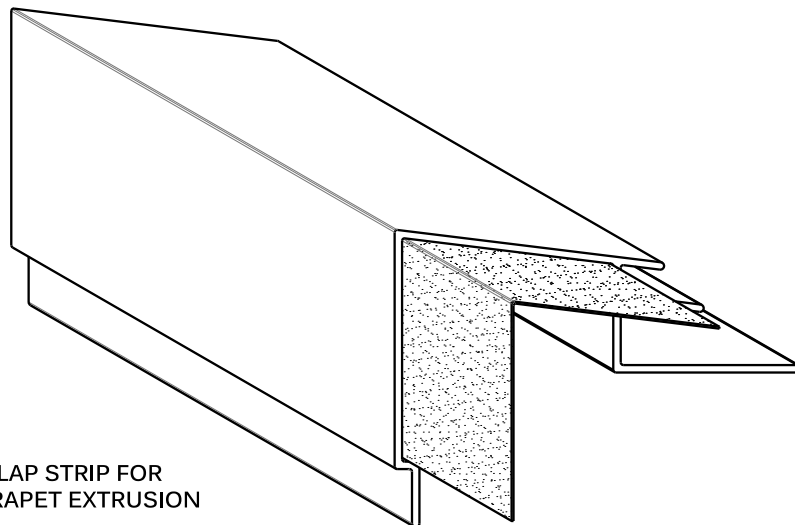
LAP STRIP FOR  
SOFFIT EXTRUSION



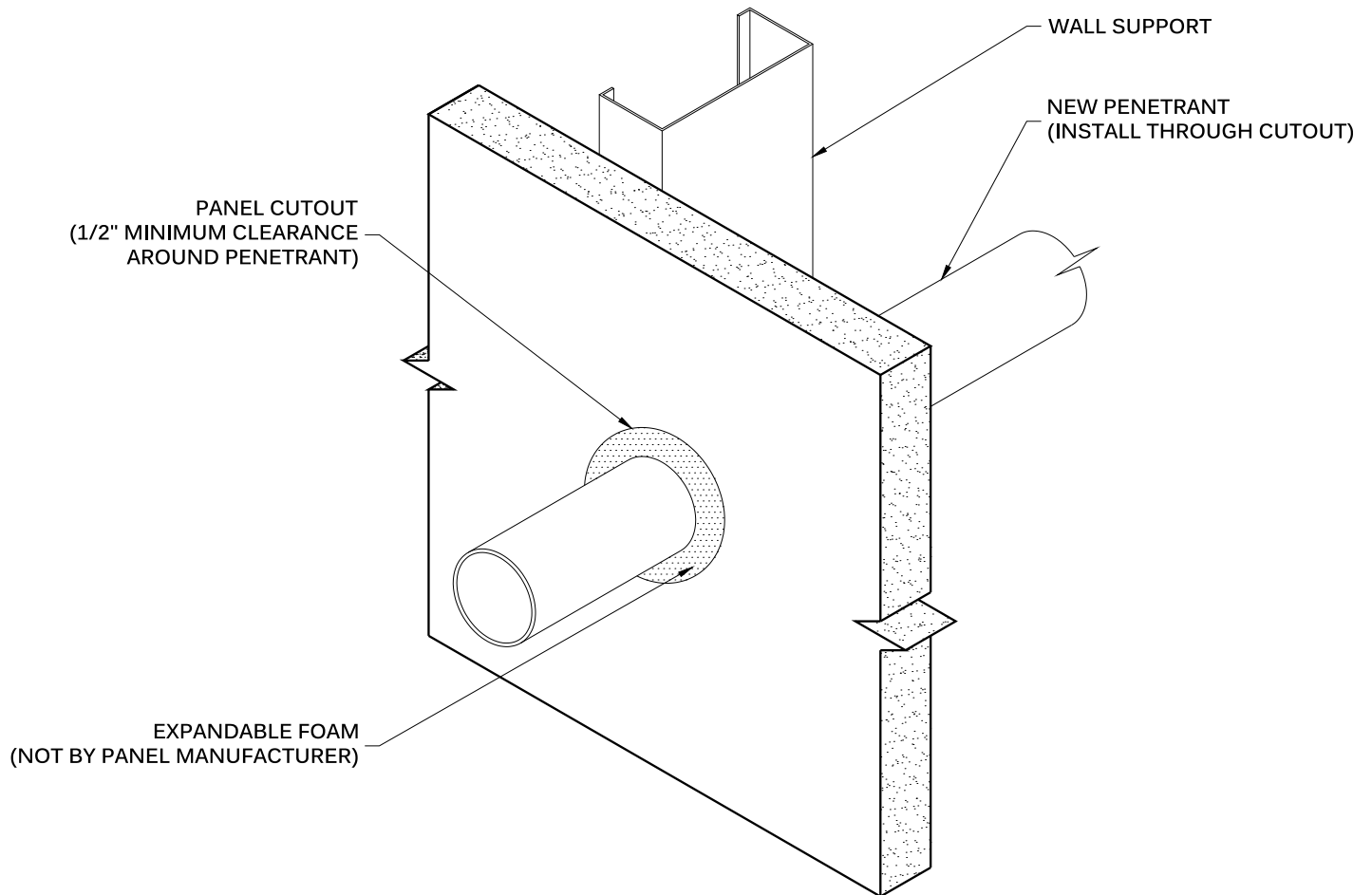




LAP STRIP FOR  
SILL EXTRUSION



LAP STRIP FOR  
PARAPET EXTRUSION



**PIPE PENETRATION  
AFTER WALL IS INSTALLED**

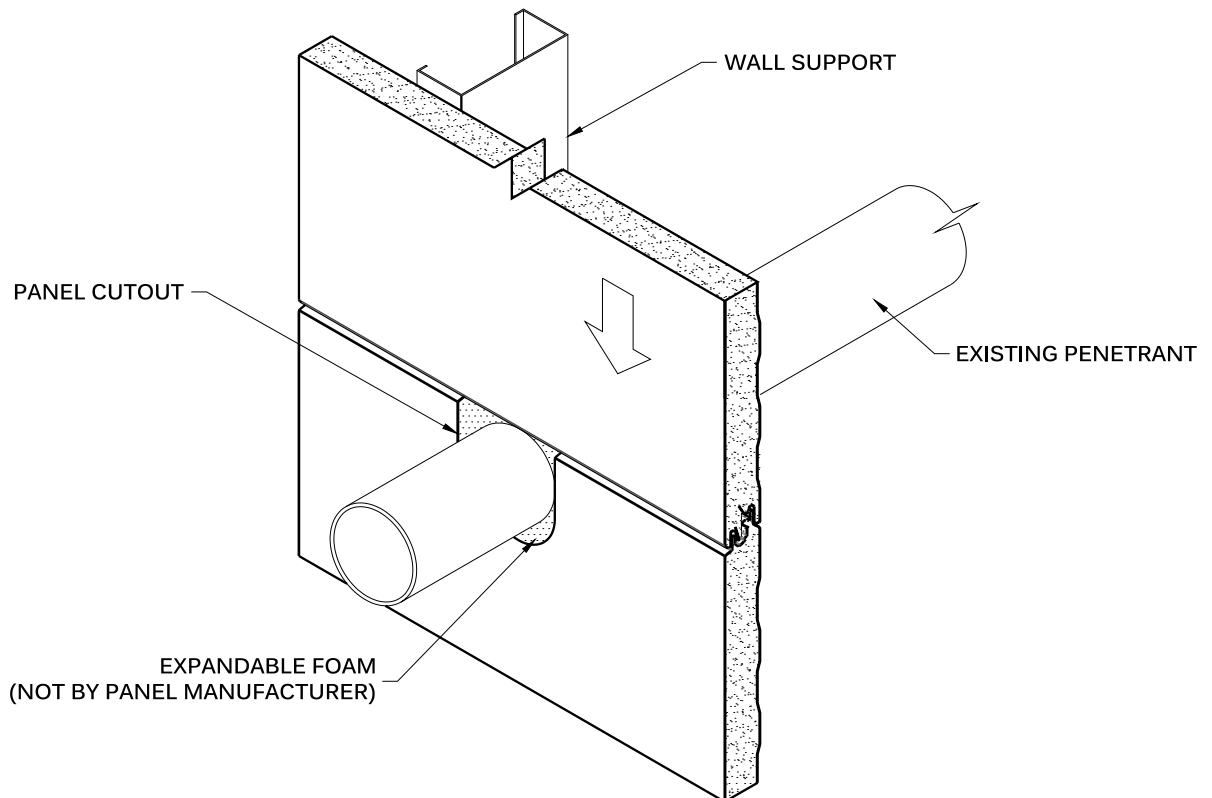
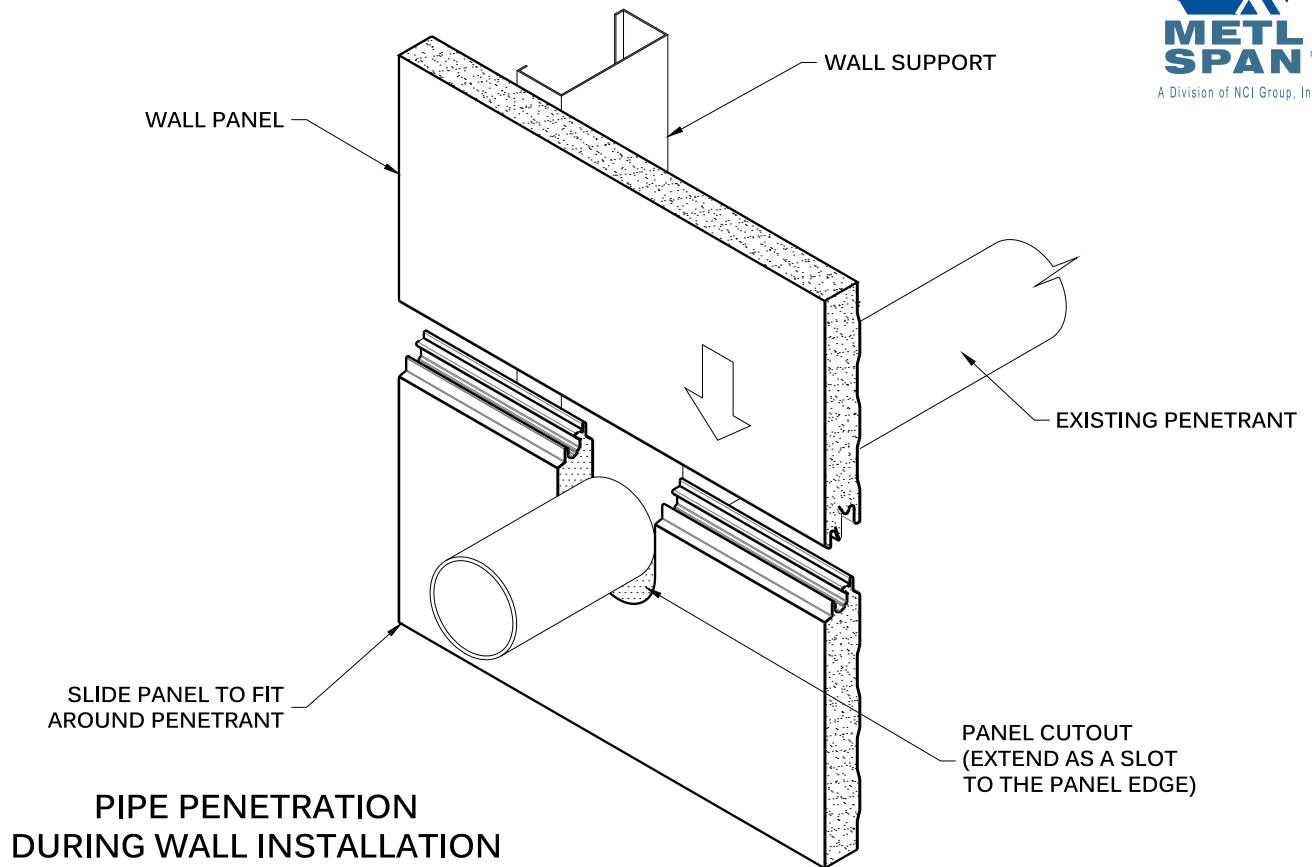
SEE DETAIL AR-CF-PEN-5 FOR FLASHING INFORMATION

**ARCHITECTURAL**

**PIPE PENETRATION -  
FIELD OF PANEL**

**AR-CF-PEN-01**

DATE: Jul '19



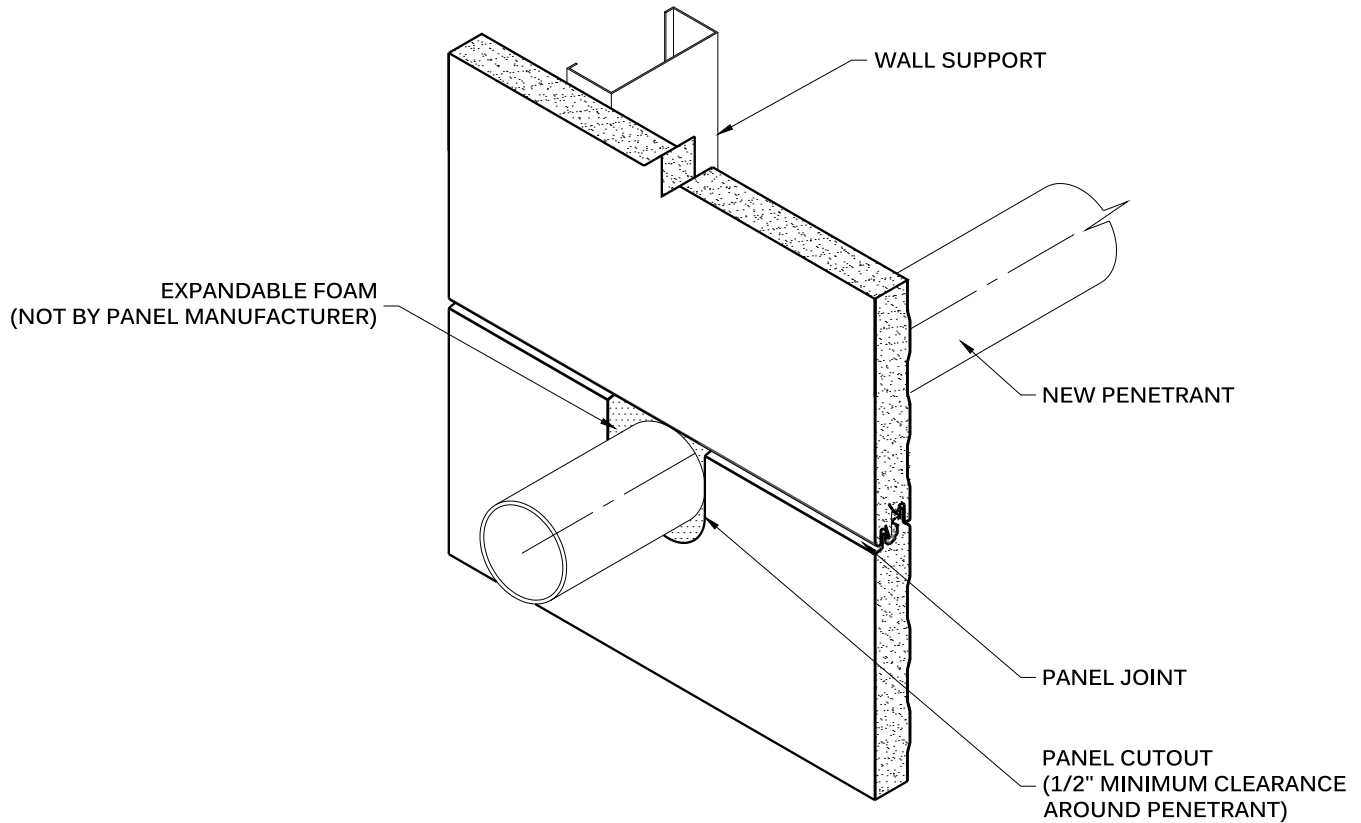
SEE DETAIL AR-CF-PEN-4 FOR SEALANT LOCATIONS  
SEE DETAIL CI-CF-PEN-5 FOR FLASHING INFORMATION

ARCHITECTURAL

PIPE PENETRATION -  
NOTCHED PANEL

AR-CF-PEN-02

DATE: Jul '19



**PIPE PENETRATION  
AFTER WALL IS INSTALLED**

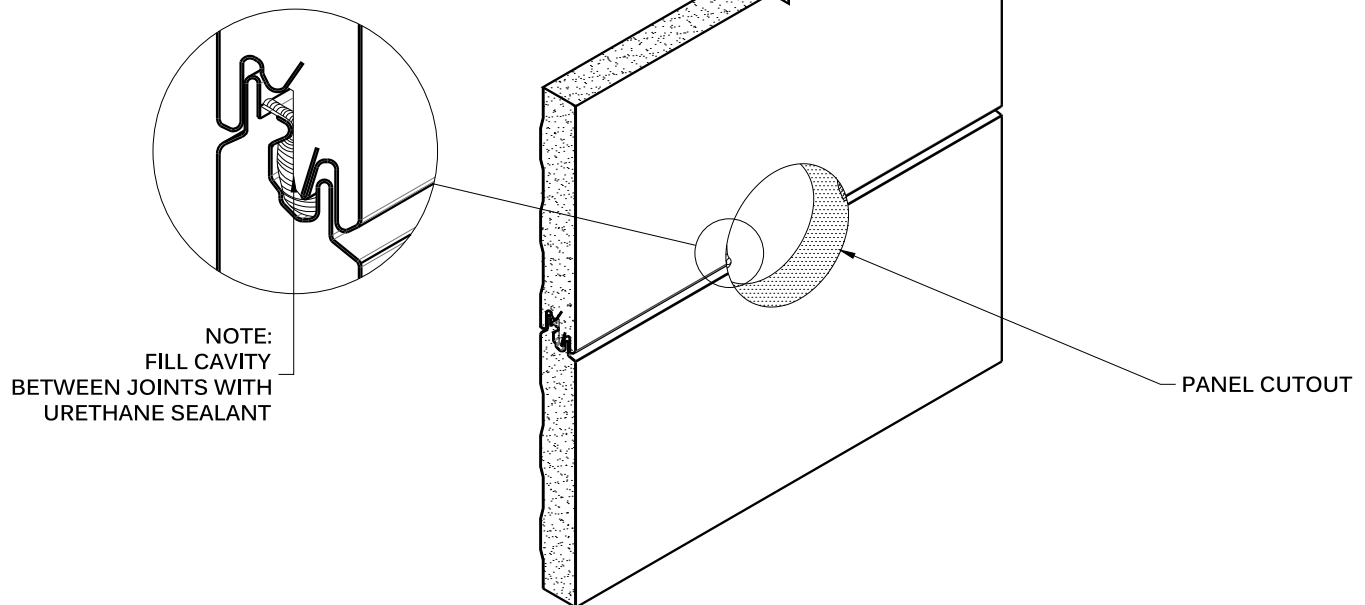
SEE DETAIL AR-CF-PEN-4 FOR SEALANT LOCATIONS

ARCHITECTURAL

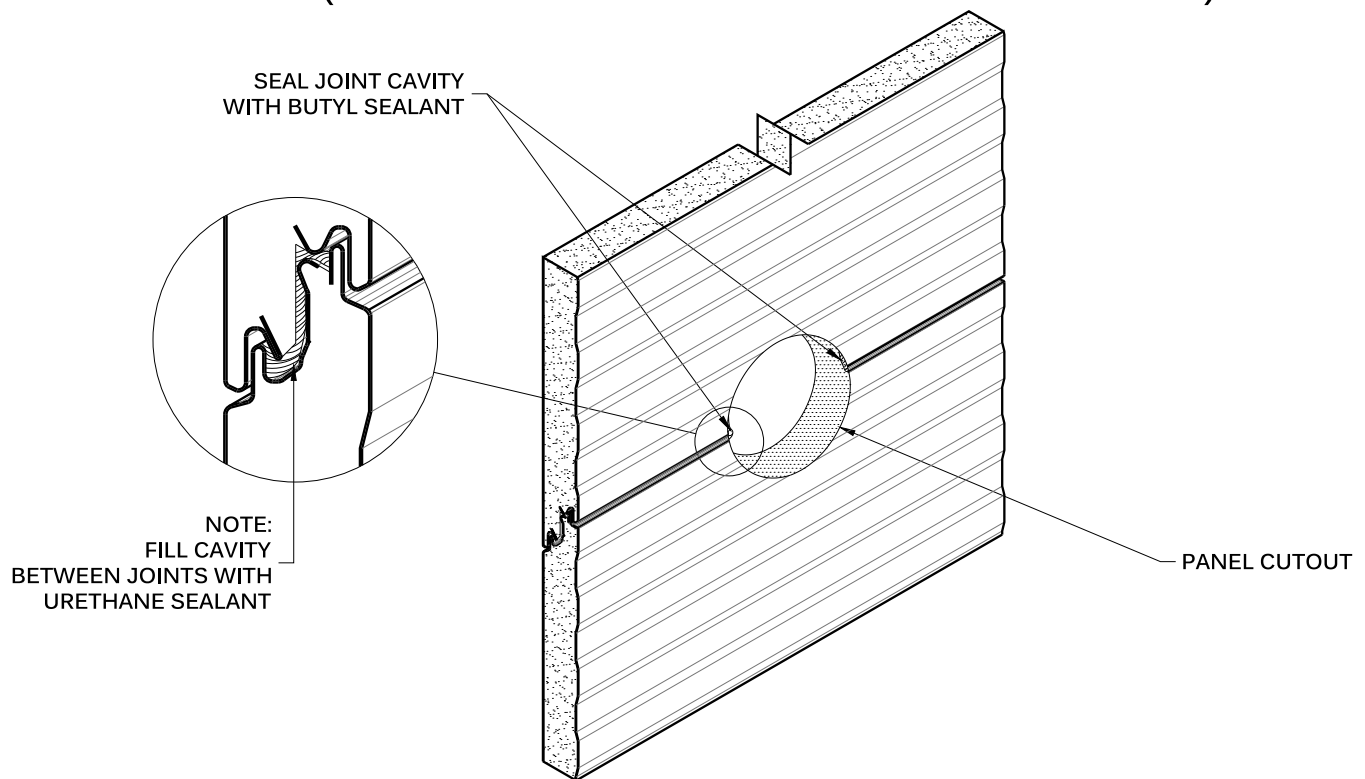
PIPE PENETRATION -  
AT PANEL JOINT

AR-CF-PEN-03

DATE: Jul '19



**EXTERIOR WEATHER SEAL  
(NEW PIPE PENETRATION AFTER WALL IS INSTALLED)**



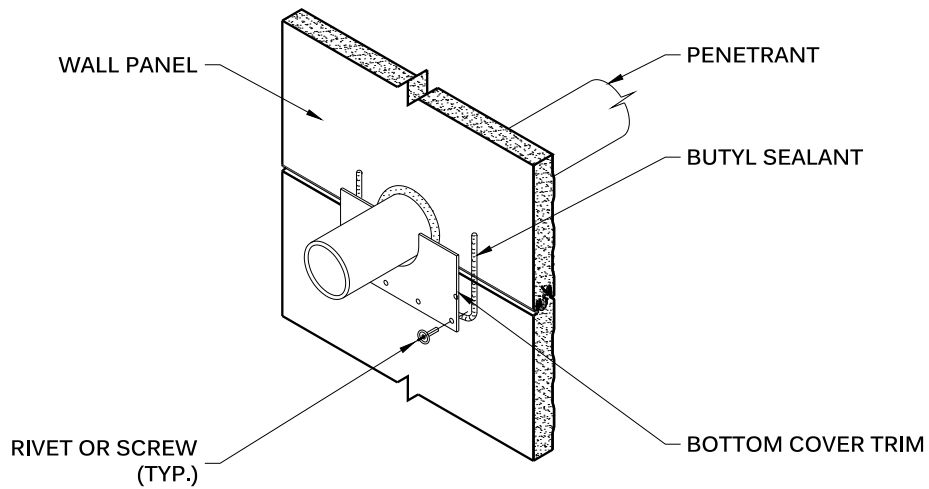
**INTERIOR AIR/VAPOR SEAL  
(NEW PIPE PENETRATION AFTER WALL IS INSTALLED)**

**ARCHITECTURAL**

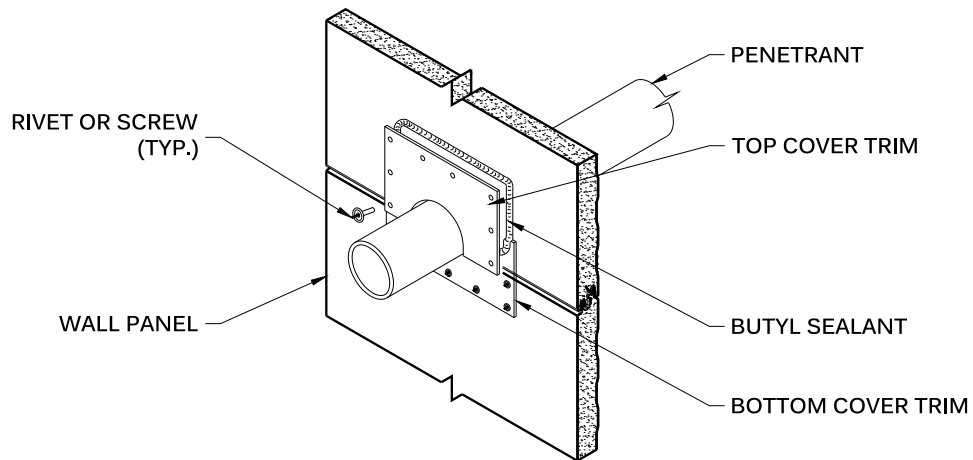
**PIPE PENETRATION -  
FLASHING**

**AR-CF-PEN-04**

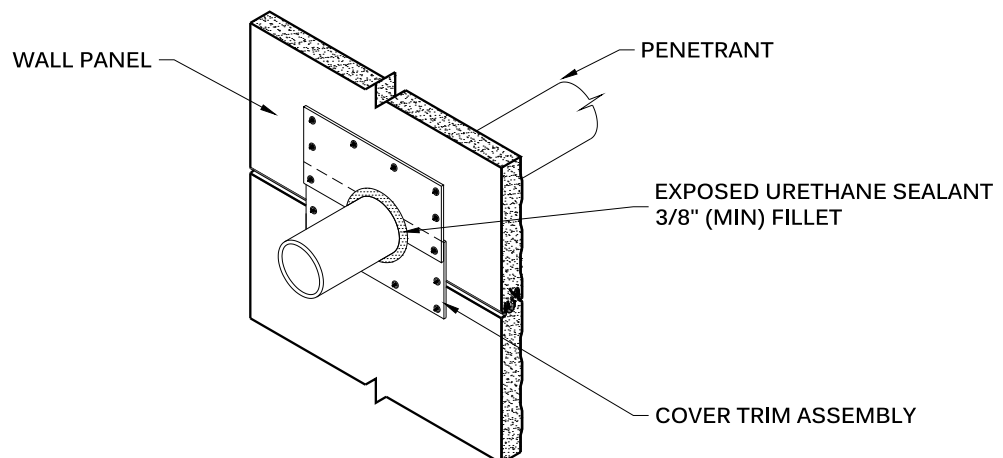
DATE: Jul '19



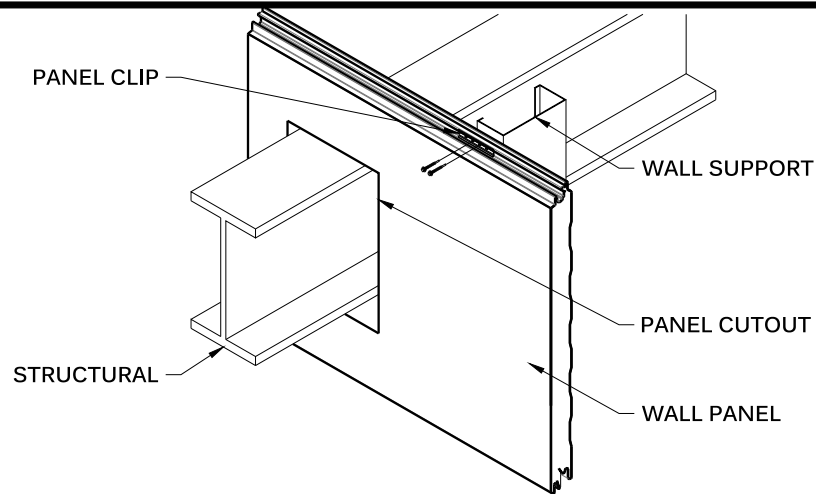
### BOTTOM COVER TRIM INSTALLATION



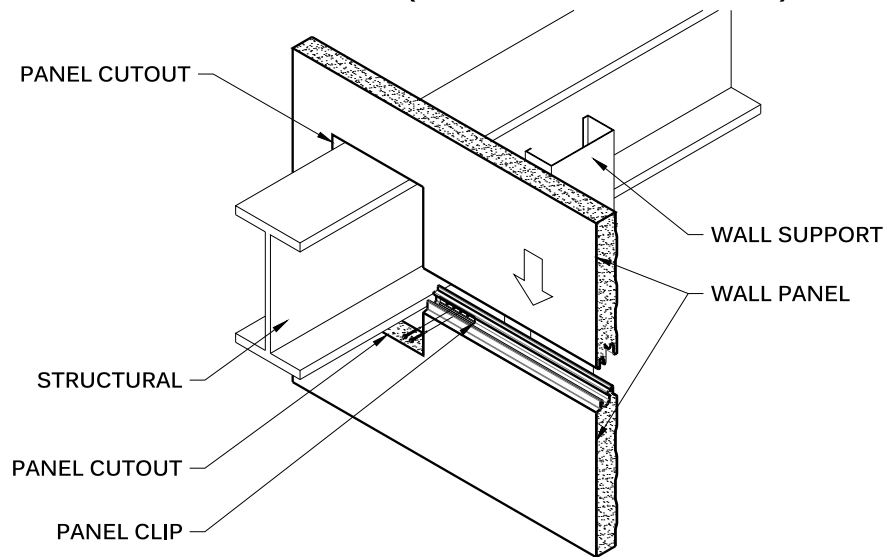
### TOP COVER TRIM INSTALLATION



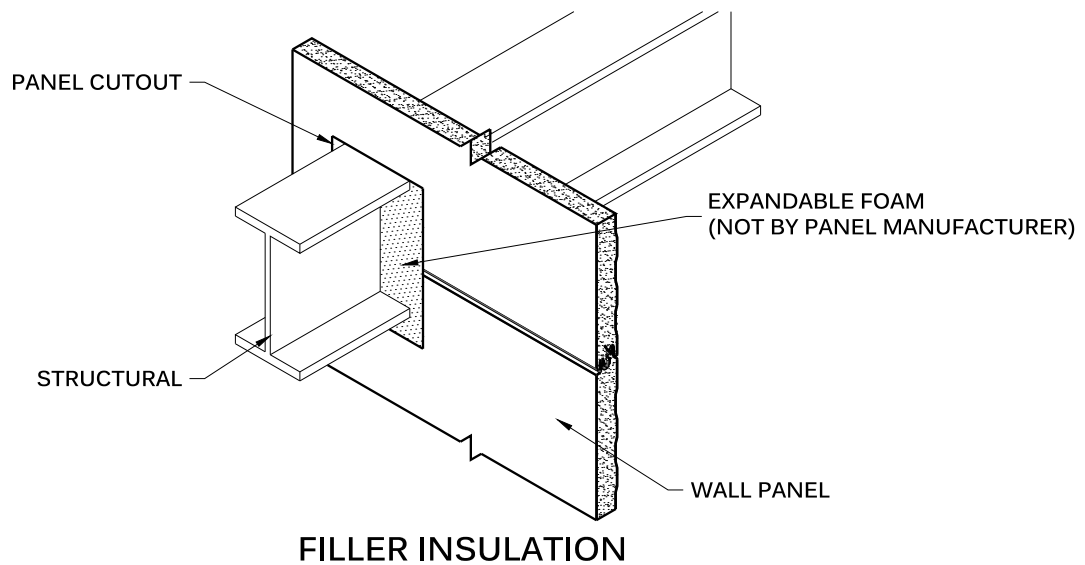
### PENETRATION PERIMETER SEAL

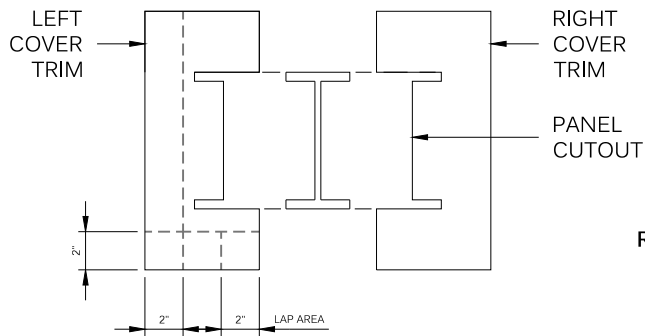


### PANEL CUTOUT (AT CENTER OF PANEL)

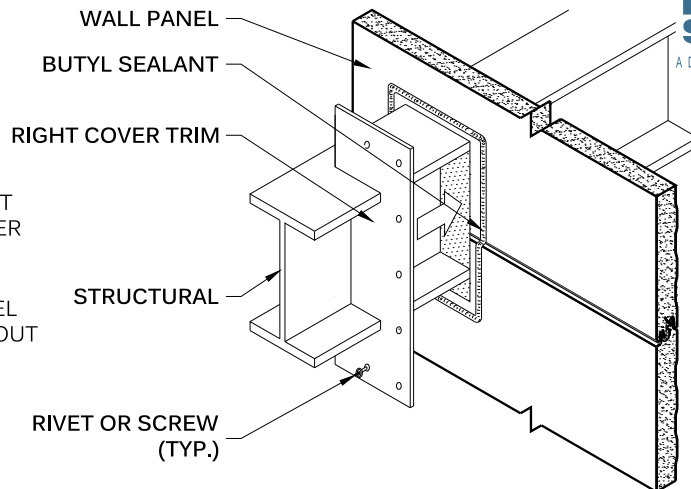


### PANEL CUTOUT (AT PANEL JOINT)

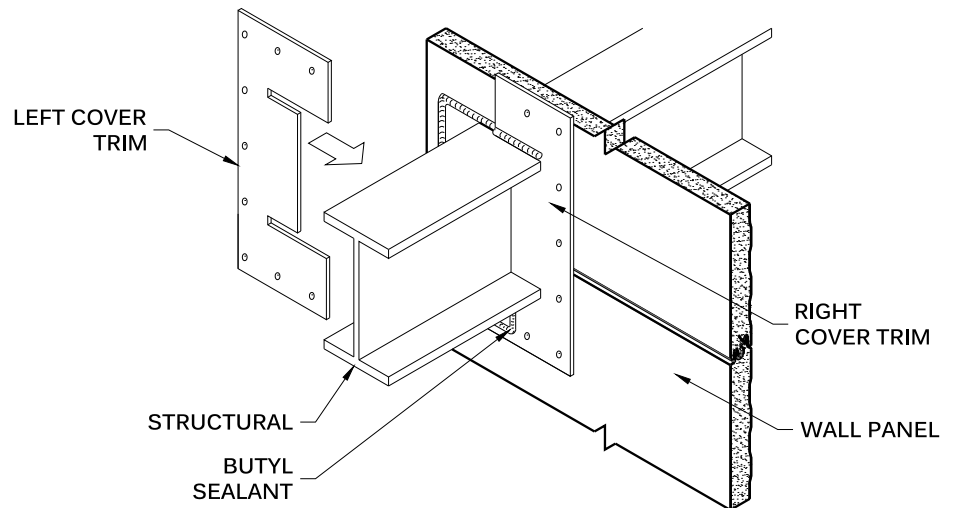




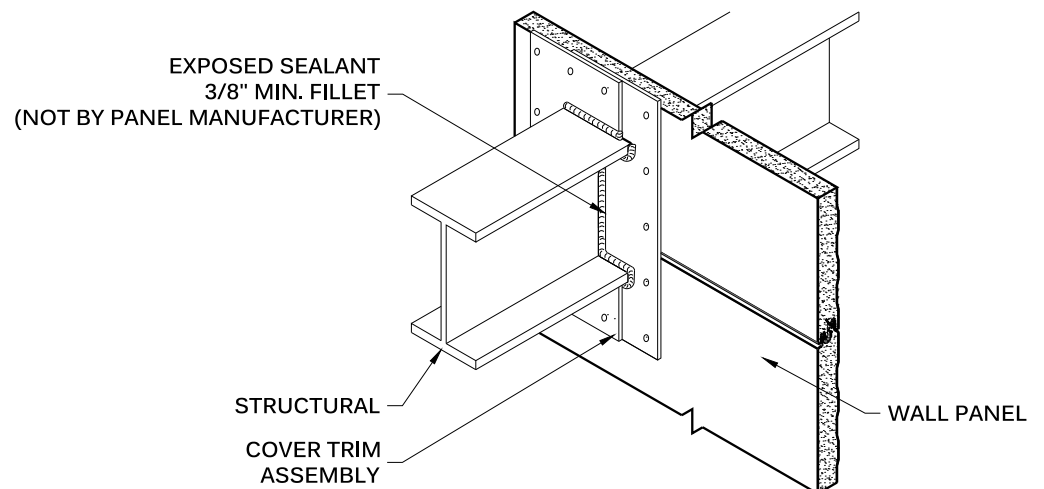
COVER TRIM LAYOUT



RIGHT COVER TRIM INSTALLATION



LEFT COVER TRIM INSTALLATION



PENETRATION PERIMETER SEAL