

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

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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

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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
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AR-CF-CE-05-A	INSIDE CORNER - TRIM
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ARCHITECTURAL

INDEX SHEET 1

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DATE: Jul '19

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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
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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
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AR-CF-SL-02-A	FRAMED OPENING SILL - OFF MODULE W/TRIM
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AR-CF-SL-03-A	FRAMED OPENING SILL - OFF MODULE W/EXTRUSION
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AR-CF-HD-05-A	STOREFRONT HEAD - OFF MODULE
AR-CF-JB-05	STOREFRONT JAMB - W/TRIM
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AR-CF-AS-02	EXTRUSION ASSEMBLY - FRAMED OPENINGS
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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
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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

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AR-CF-PT-01-A	PARAPET (SUPPORTED) - OFF MODULE W/TRIM
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AR-CE-PT-02-A	PARAPET (SUPPORTED) - W/TRIM
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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
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AR-CF-PEN-01	PIPE PENETRATION - FIELD OF PANEL
AR-CF-PEN-02	PIPE PENETRATION - NOTCHED PANEL
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AR-CF-PEN-04	PIPE PENETRATION - FLASHING
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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.

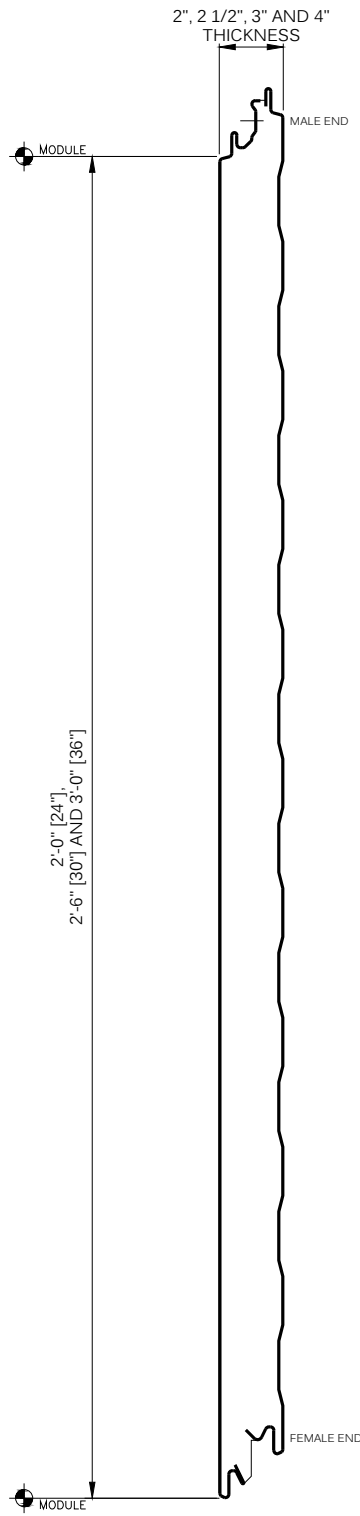
**Urethane caulk:** Used in lieu of butyl sealant where there is exposure to the elements. It is recommended for lapped trims, exposed perimeter seals at framed openings or to seal between different construction materials, such as metal to concrete.

**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).

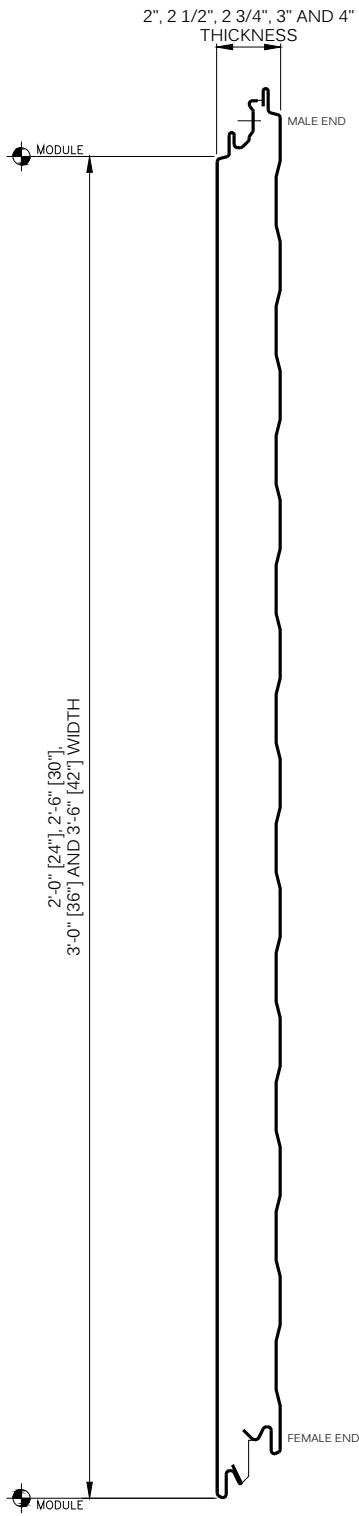
TEK Fasteners contain a built-in drill point, and do not require pre-drilling. They are the quickest and easiest way to attach panels to light-medium gauge supports.

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.

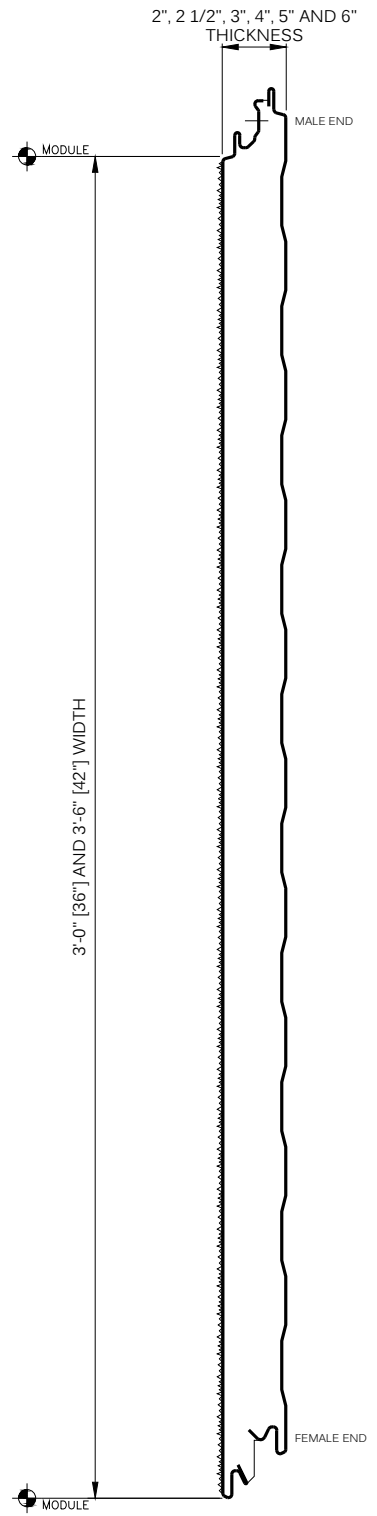
**Bulb-Tite® Rivets:** Are similar to expansion fasteners, and are used where back fastening of the panels to structural supports is required. Holes must be pre-drilled with a 5/16" diameter. The grip range of the rivets must be matched to the thickness of the structural support to ensure proper fastening.



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



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



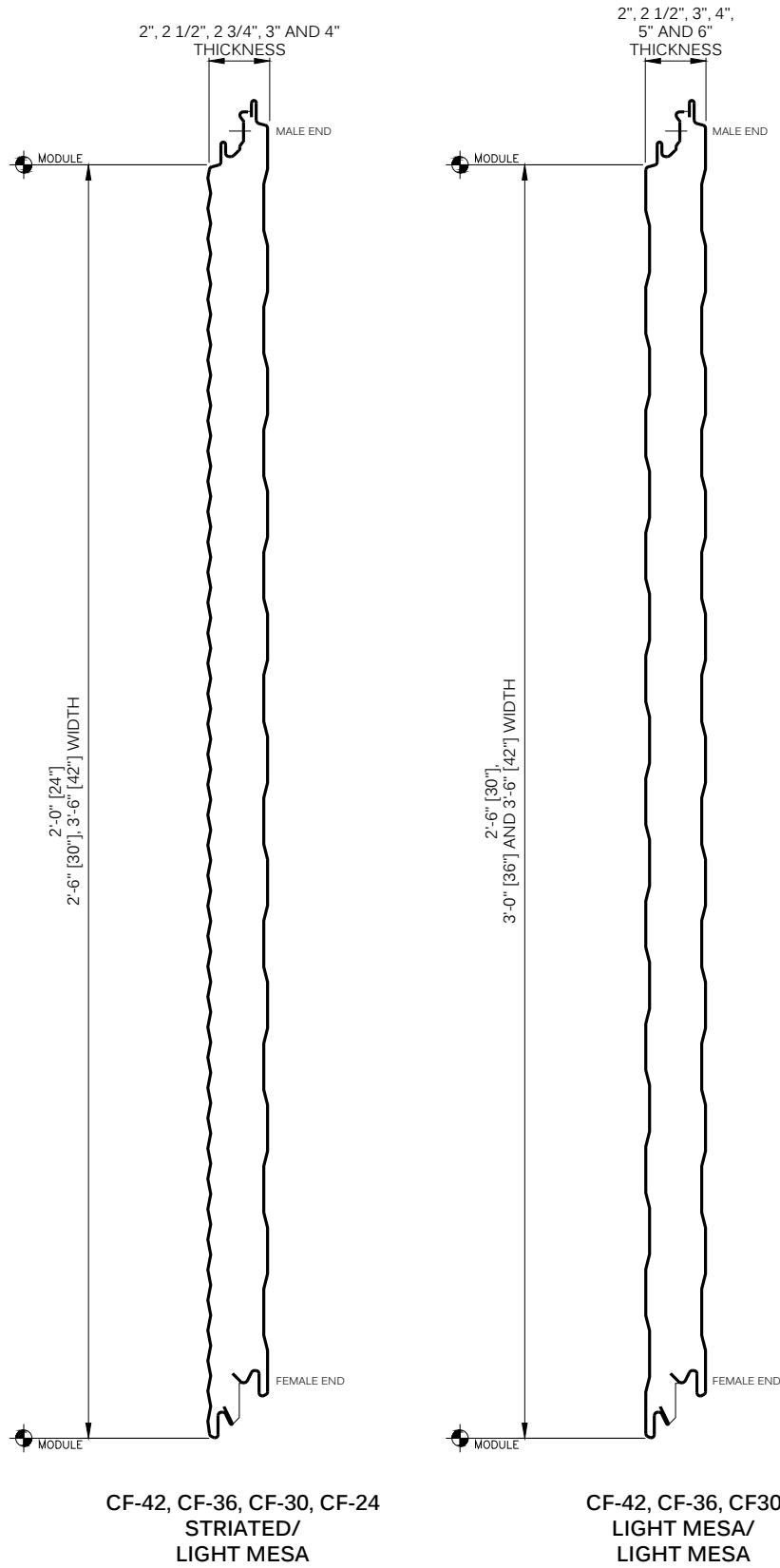
CF-36, CF-42  
TUFF-CAST, TUFF-WALL/  
LIGHT MESA

ARCHITECTURAL

PANELS - FLAT

AR-CF-JT-01

DATE: Jul '19

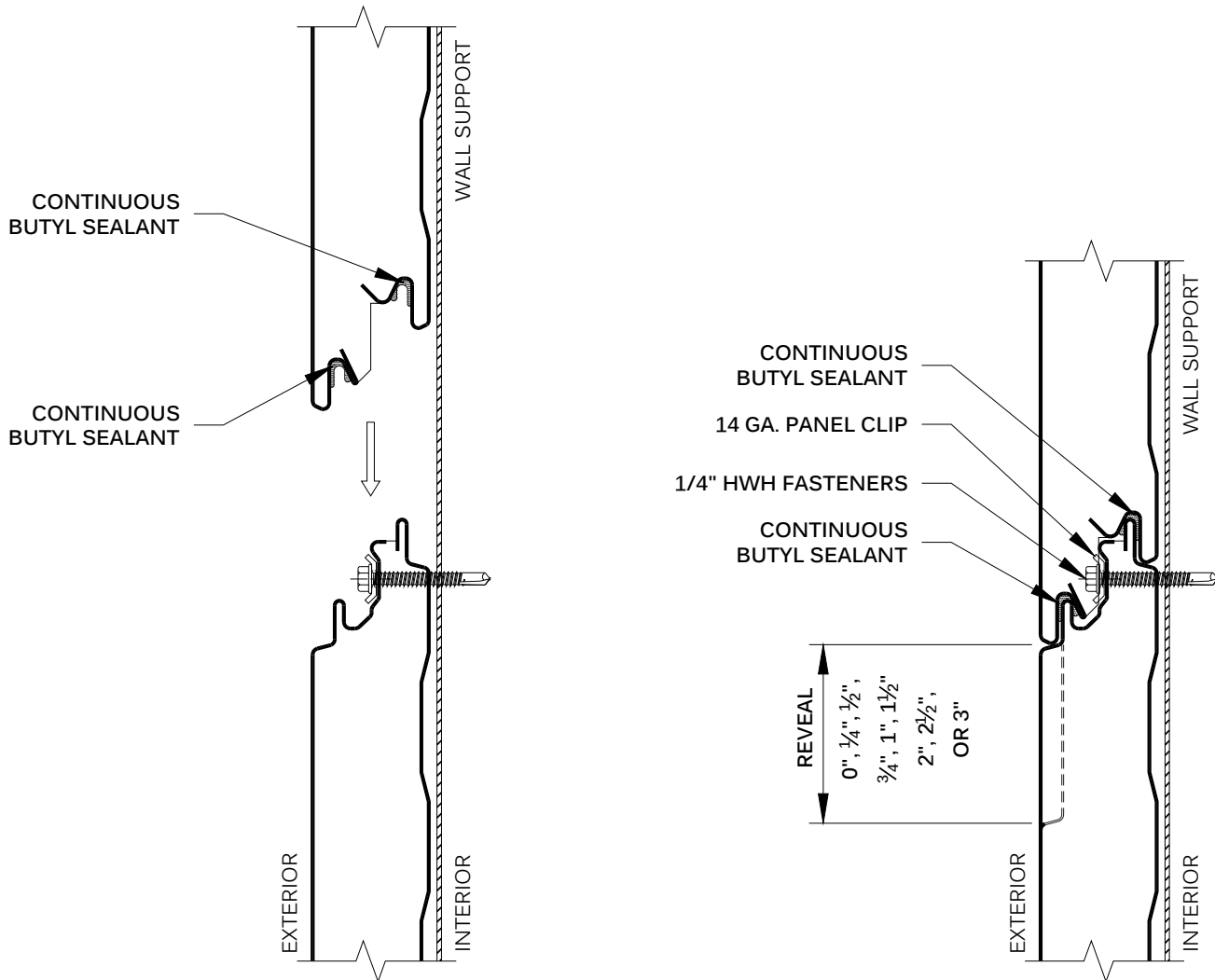


ARCHITECTURAL

PANELS - PROFILED

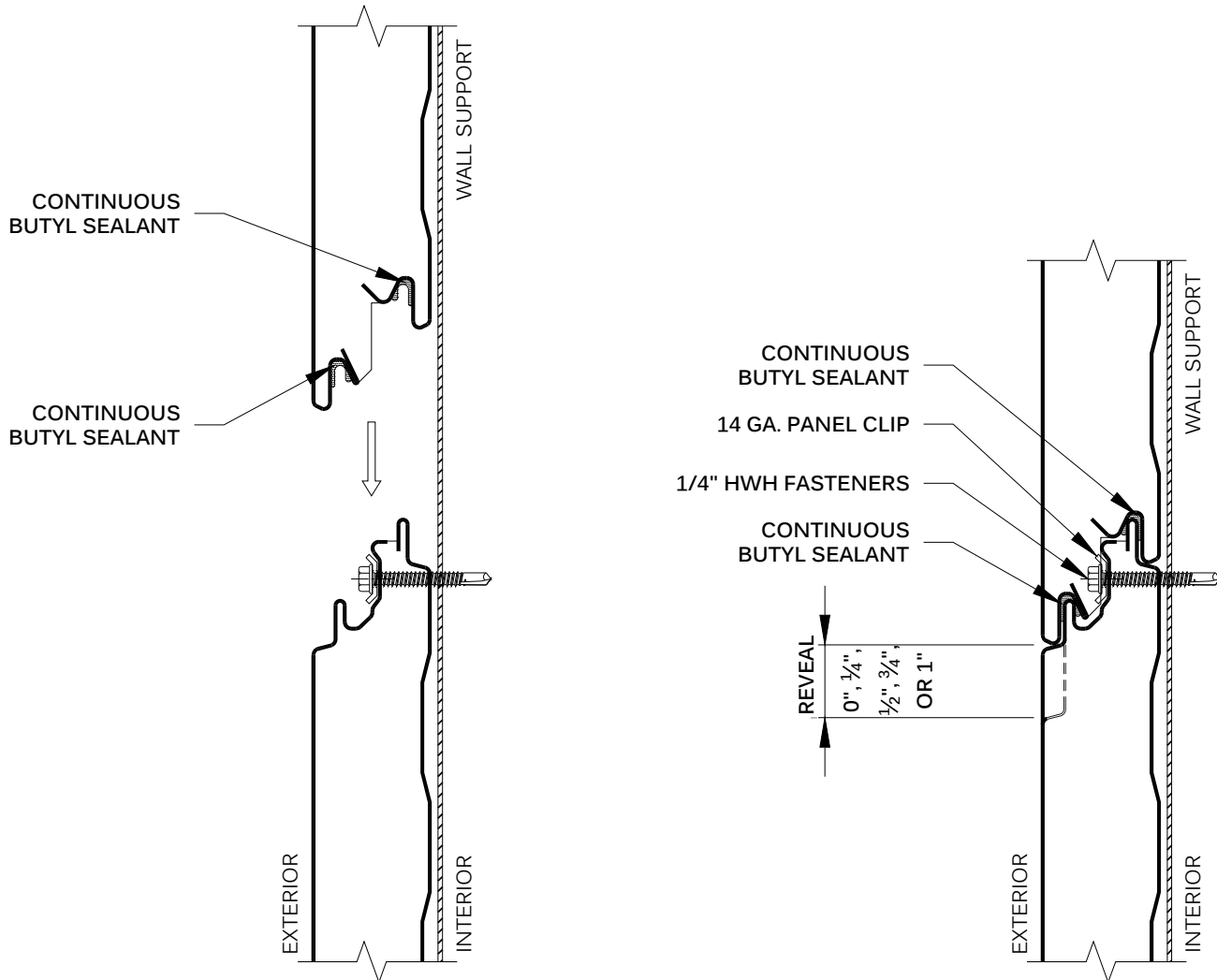
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DATE: Jul '19

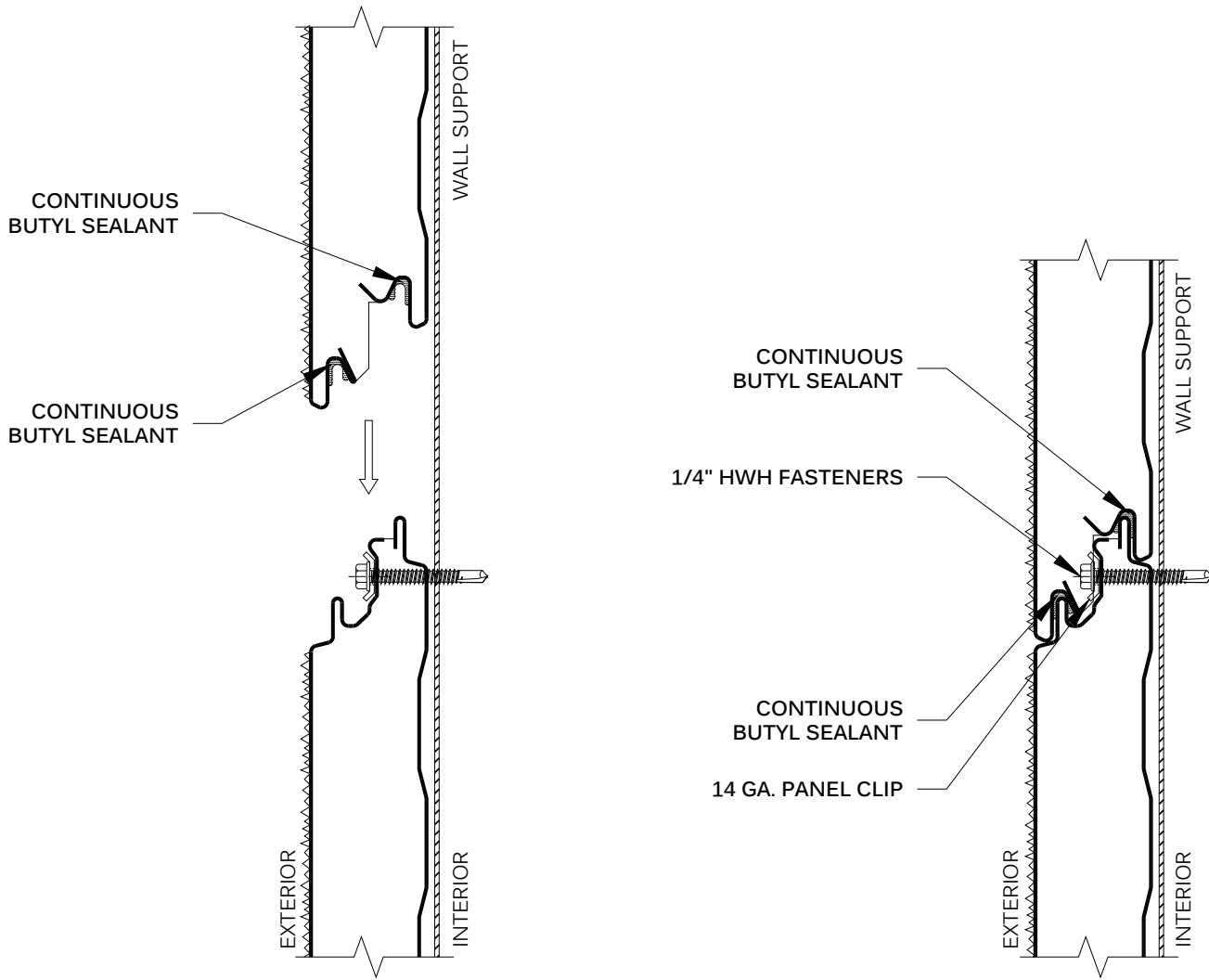


REFER TO SHEET "AR-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

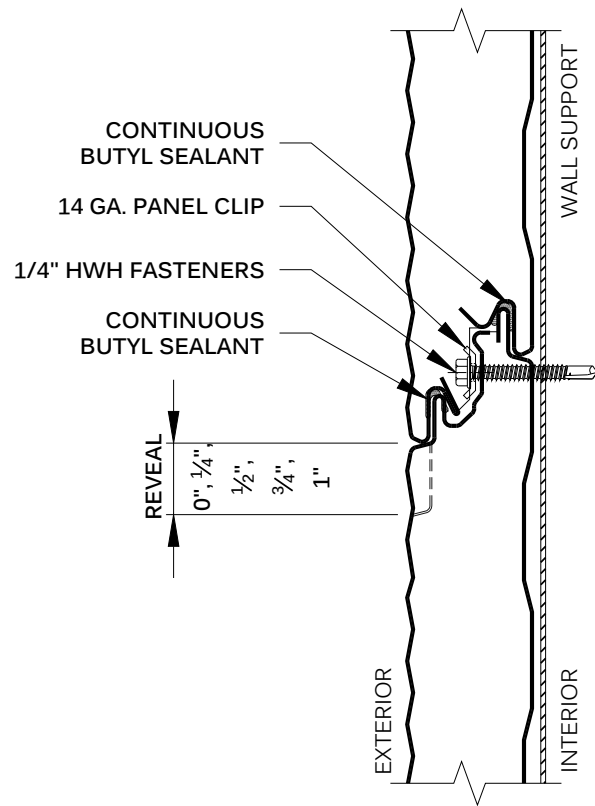
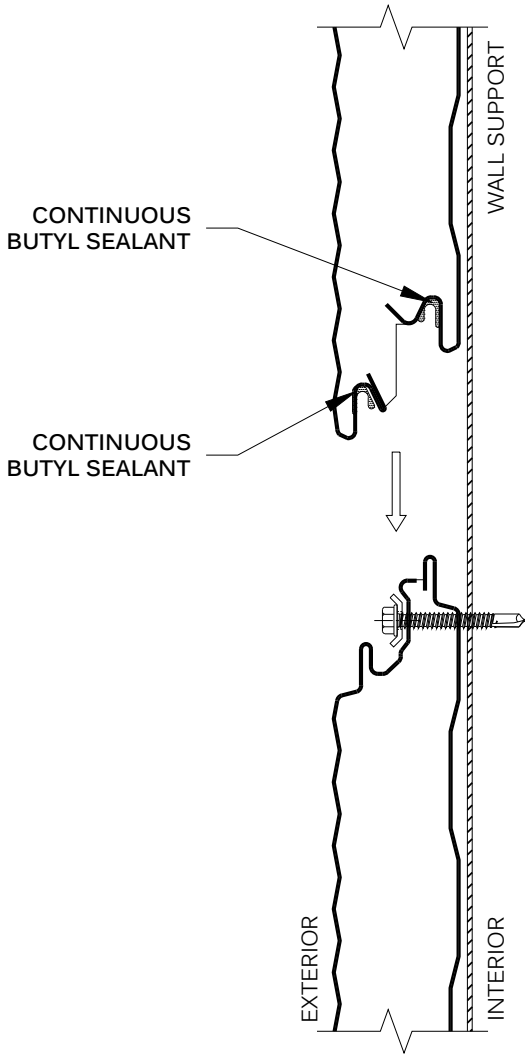




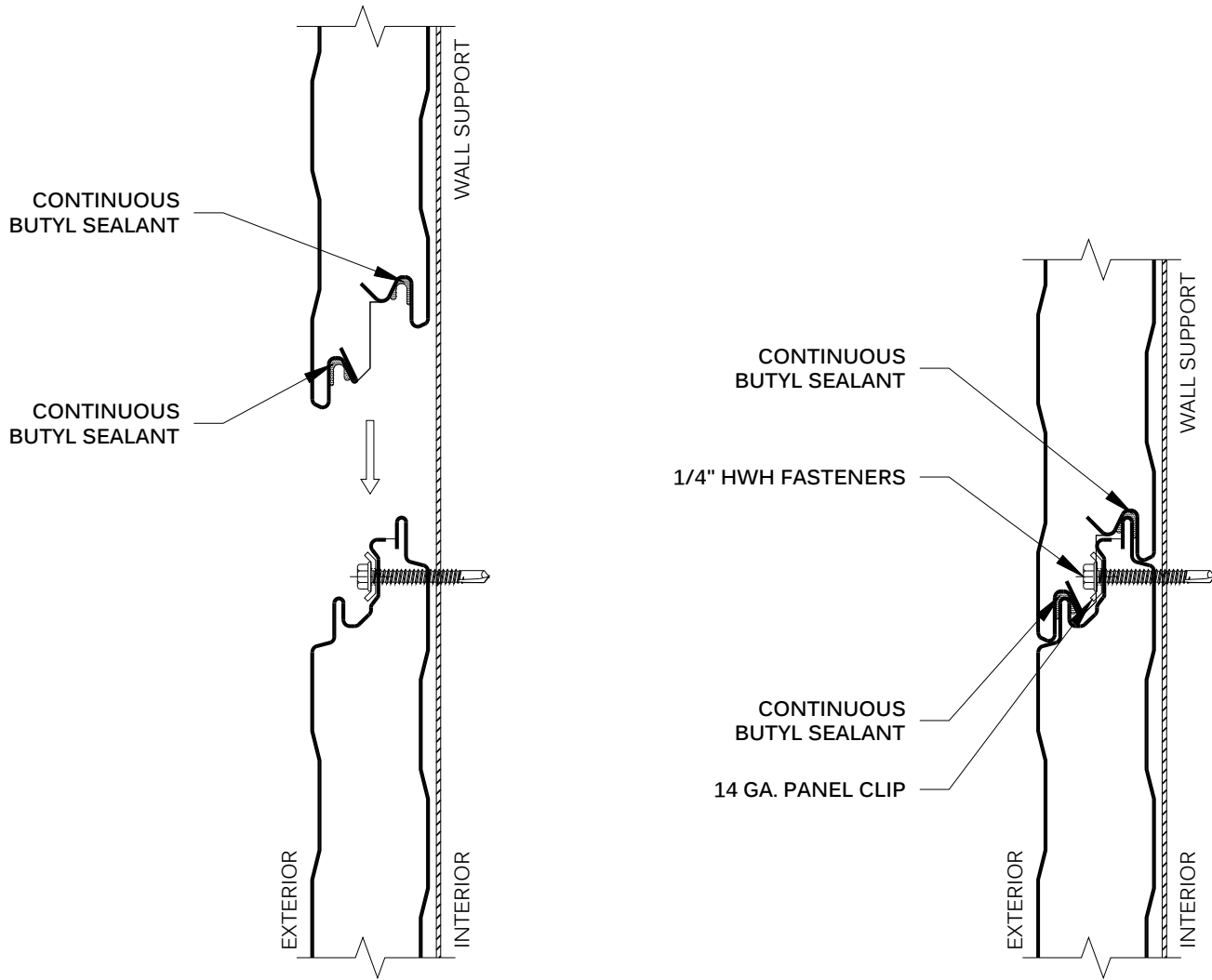
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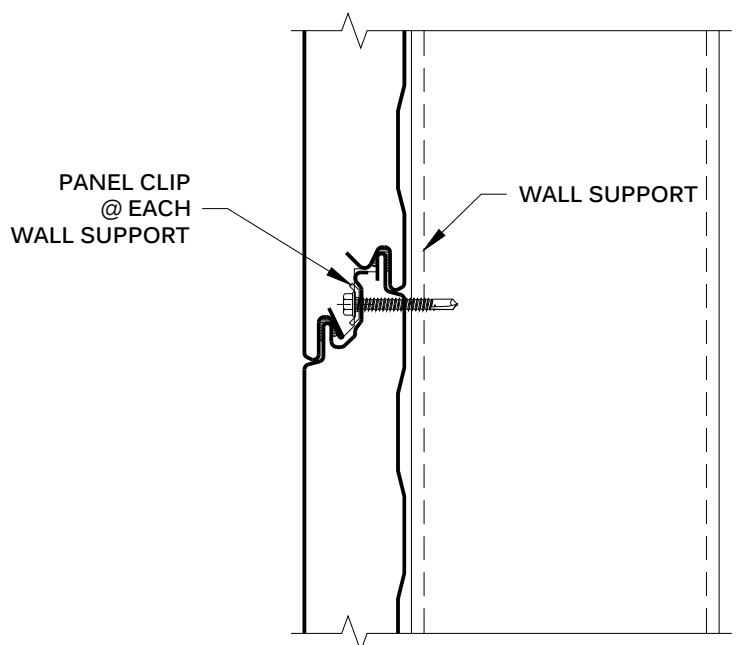
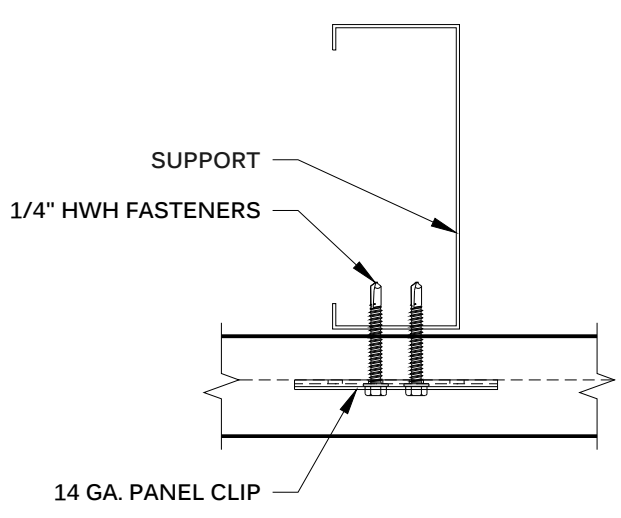
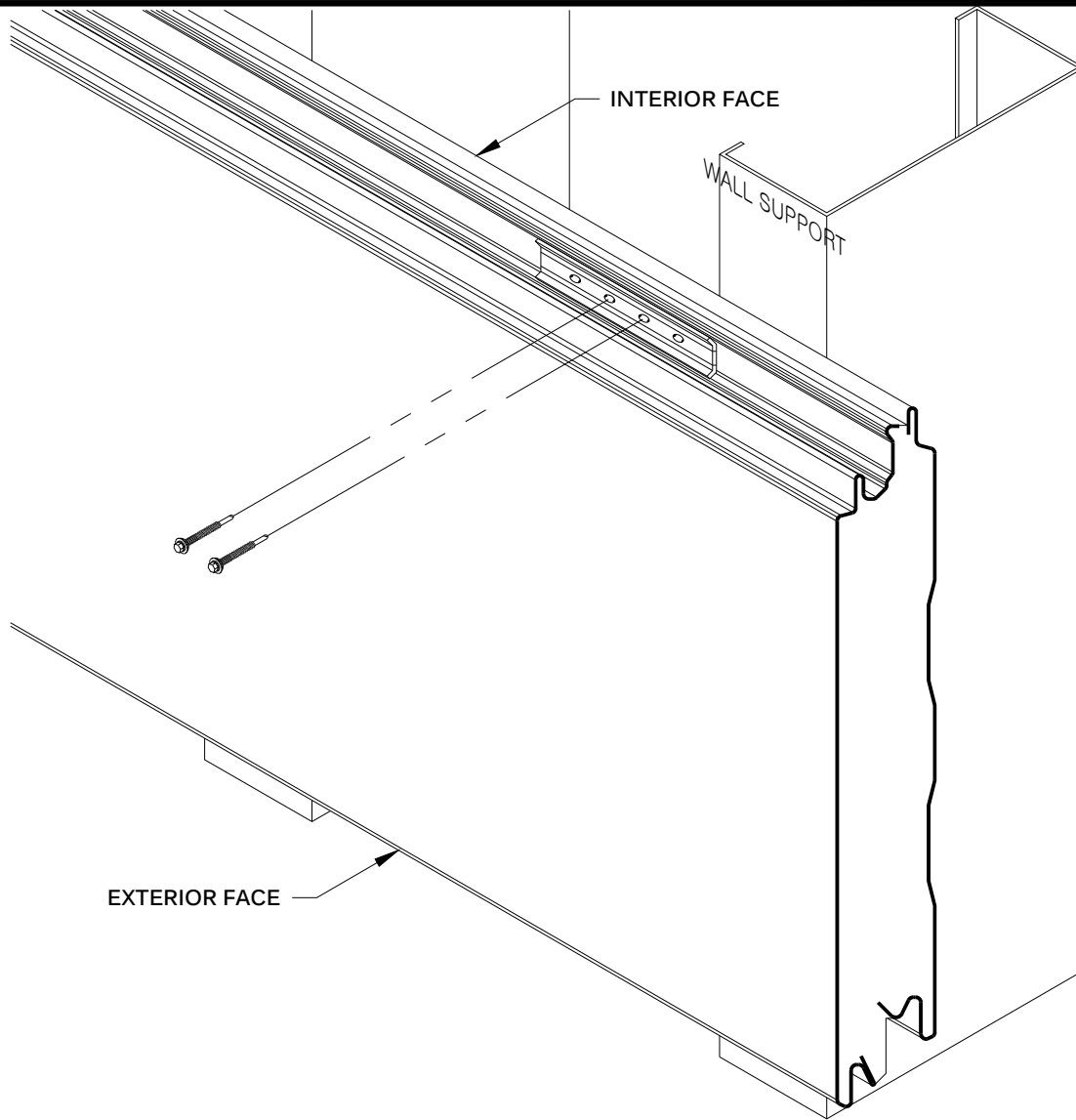
REFER TO SHEET "AR-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
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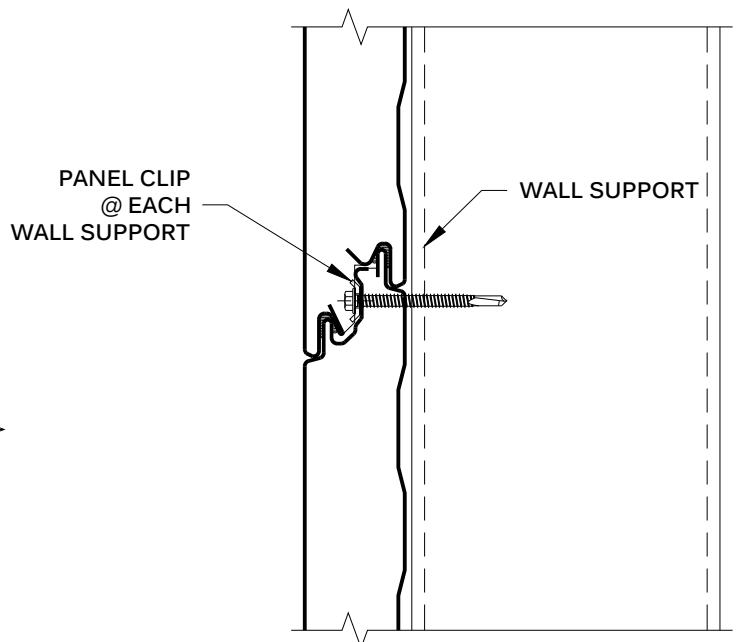
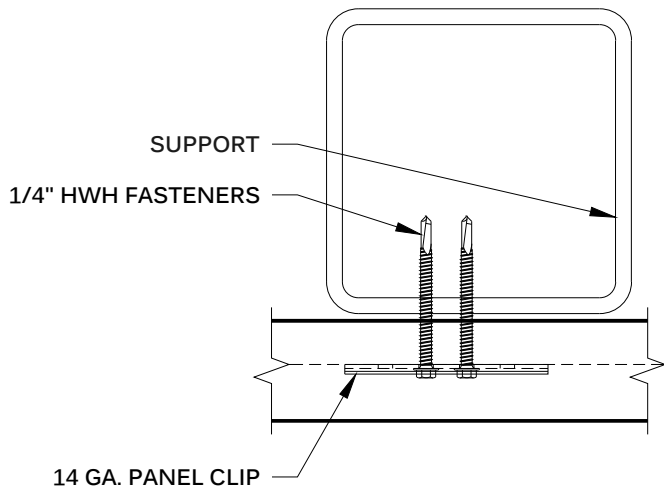
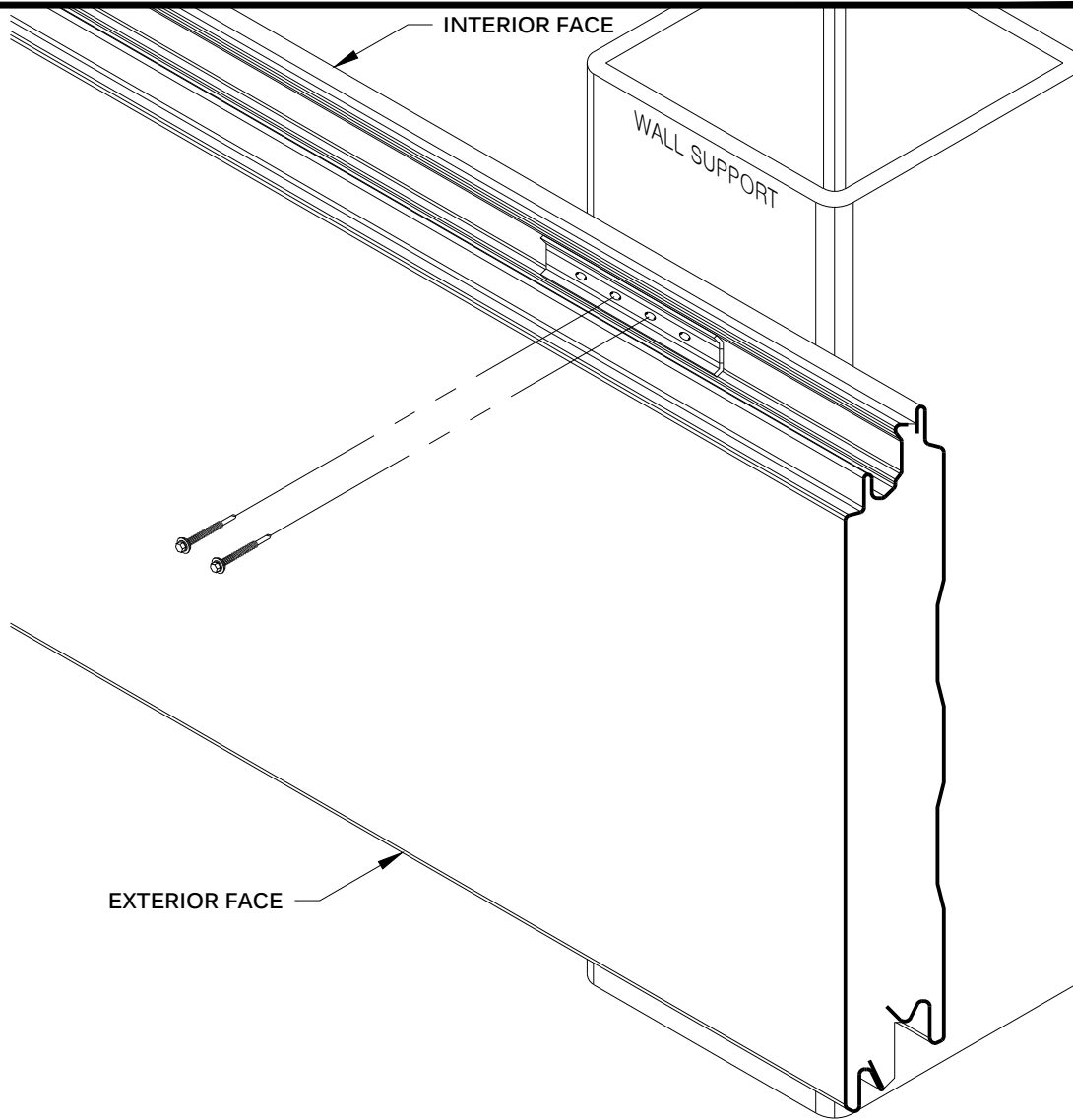
ARCHITECTURAL

CF PANEL JOINT -  
LT MESA

AR-CF-JT-07

DATE: Jul '19



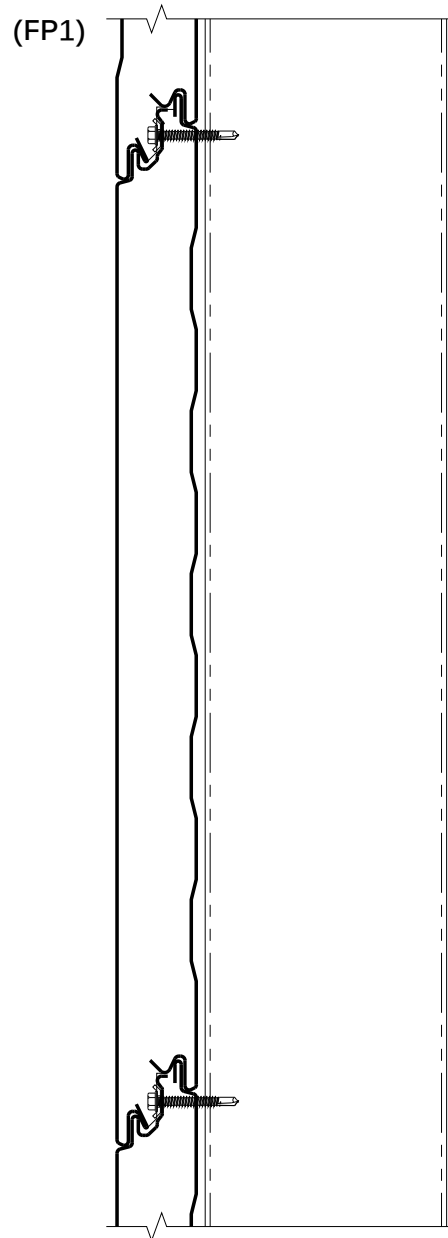


ARCHITECTURAL

ATTACHMENT - SIDE JOINT -  
TUBE STEEL

AR-CF-JT-09

DATE: Jul '19



**FASTENING PATTERN 1  
SIDE JOINT FASTENING**

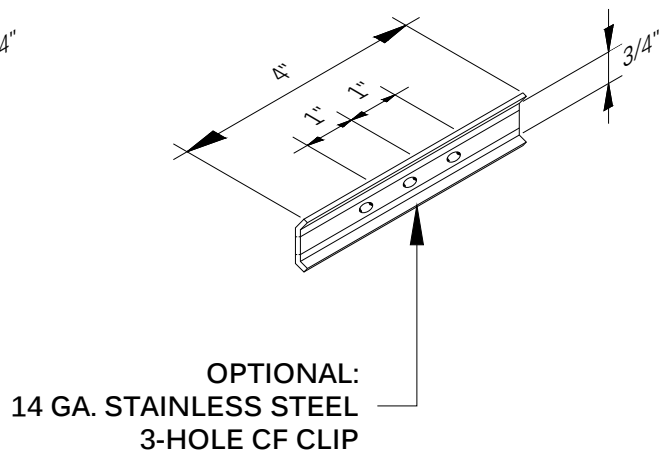
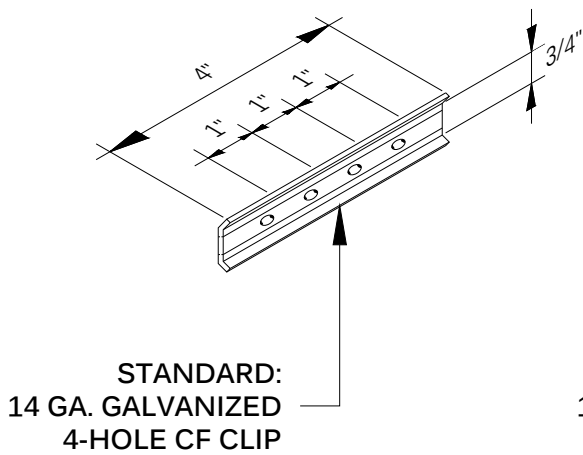
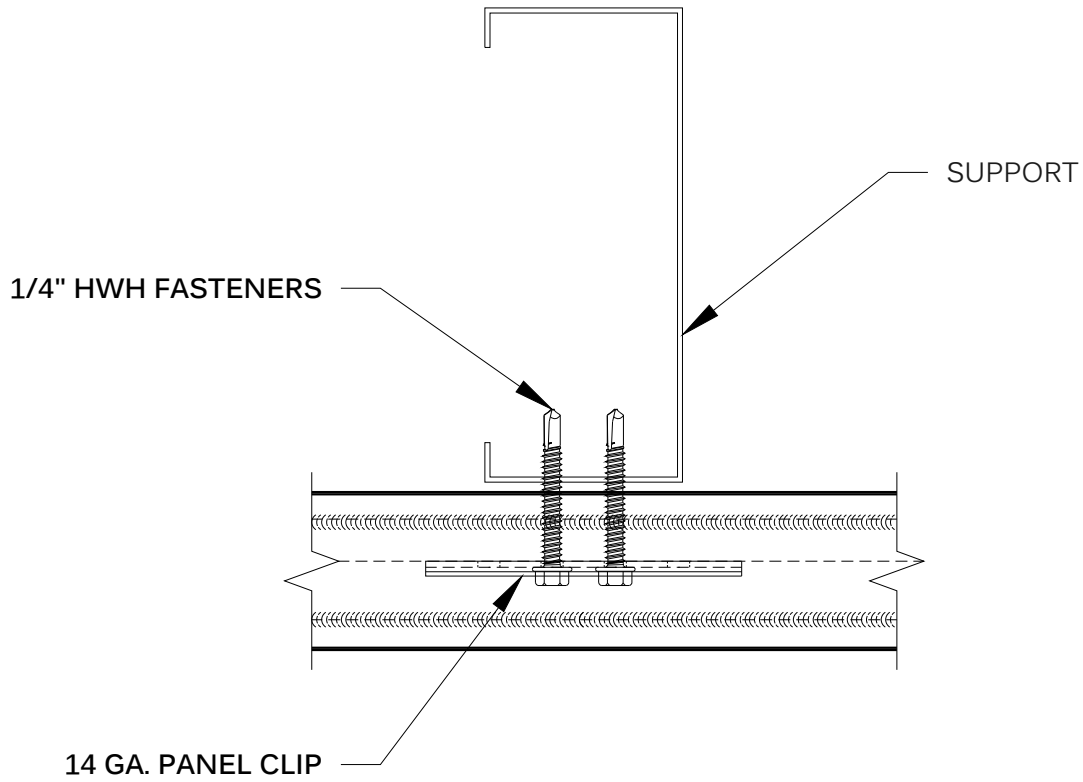
(CONSULT TECHNICAL SERVICES FOR PROJECT SPECIFIC  
FASTENING REQUIREMENTS)

**ARCHITECTURAL**

**FASTENING PATTERN**

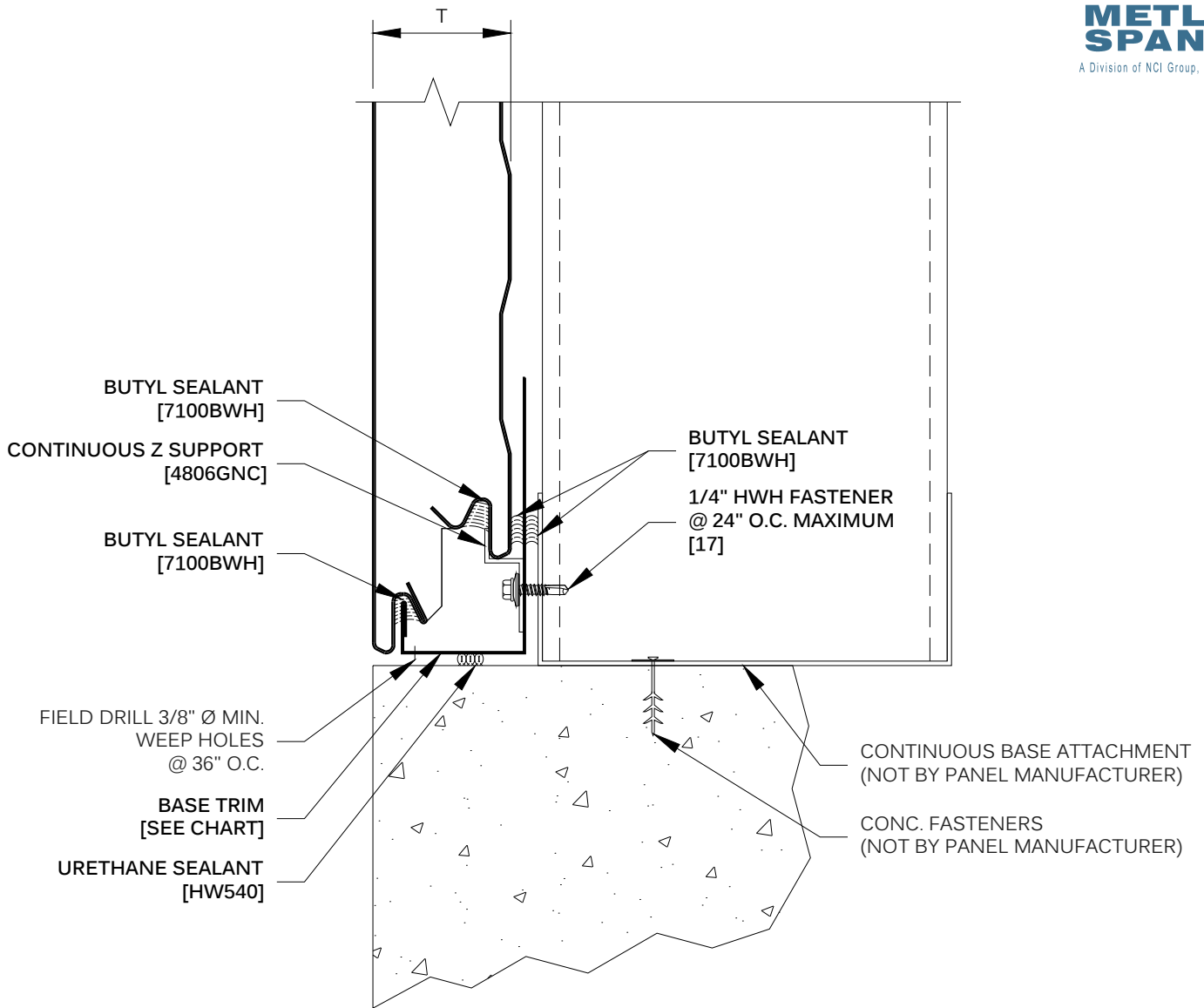
**AR-CF-FSTN-01**

DATE: Jul '19



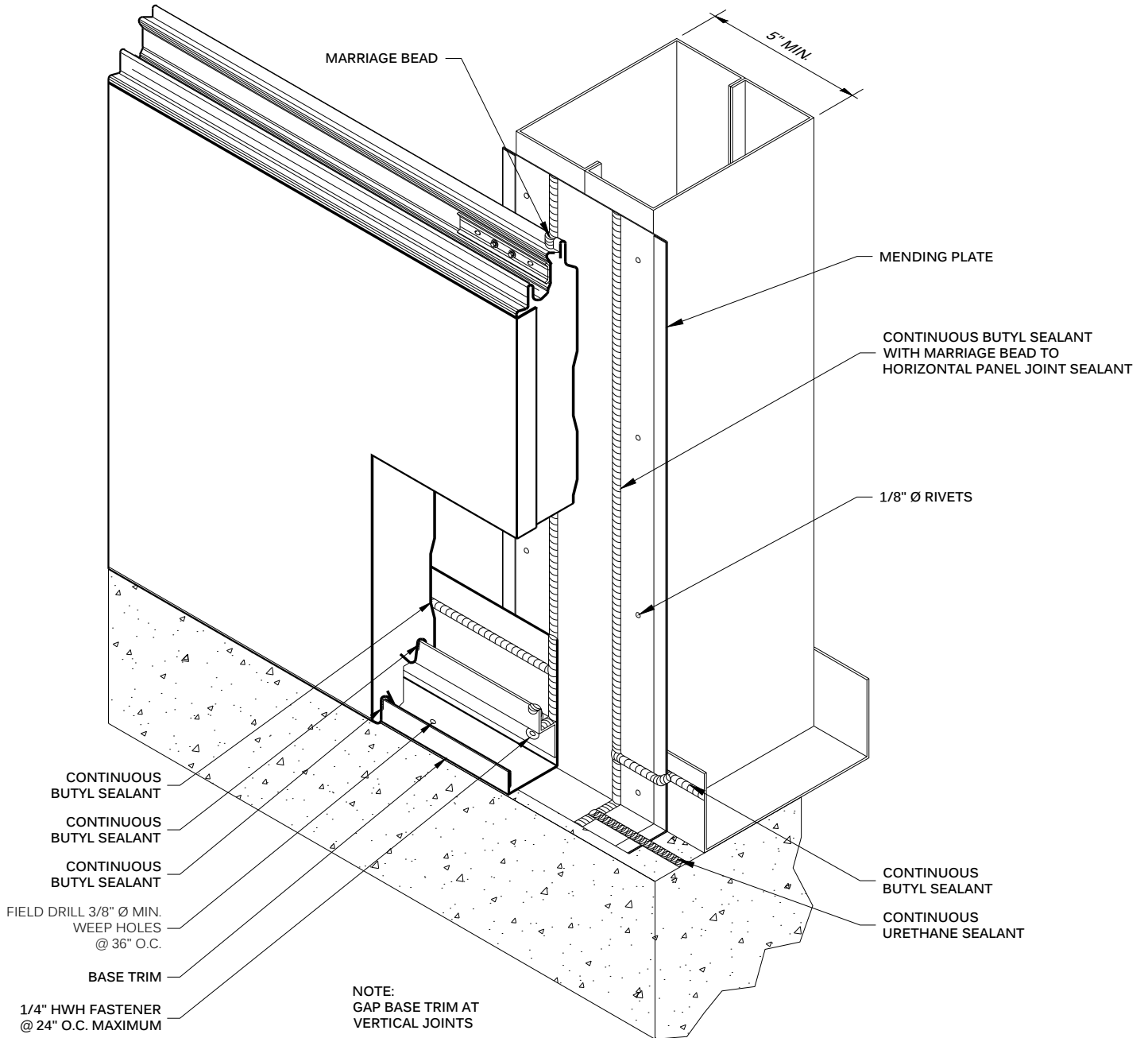
(CONSULT TECHNICAL SERVICES FOR PROJECT SPECIFIC FASTENING REQUIREMENTS)





REFER TO SHEET "CI-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.

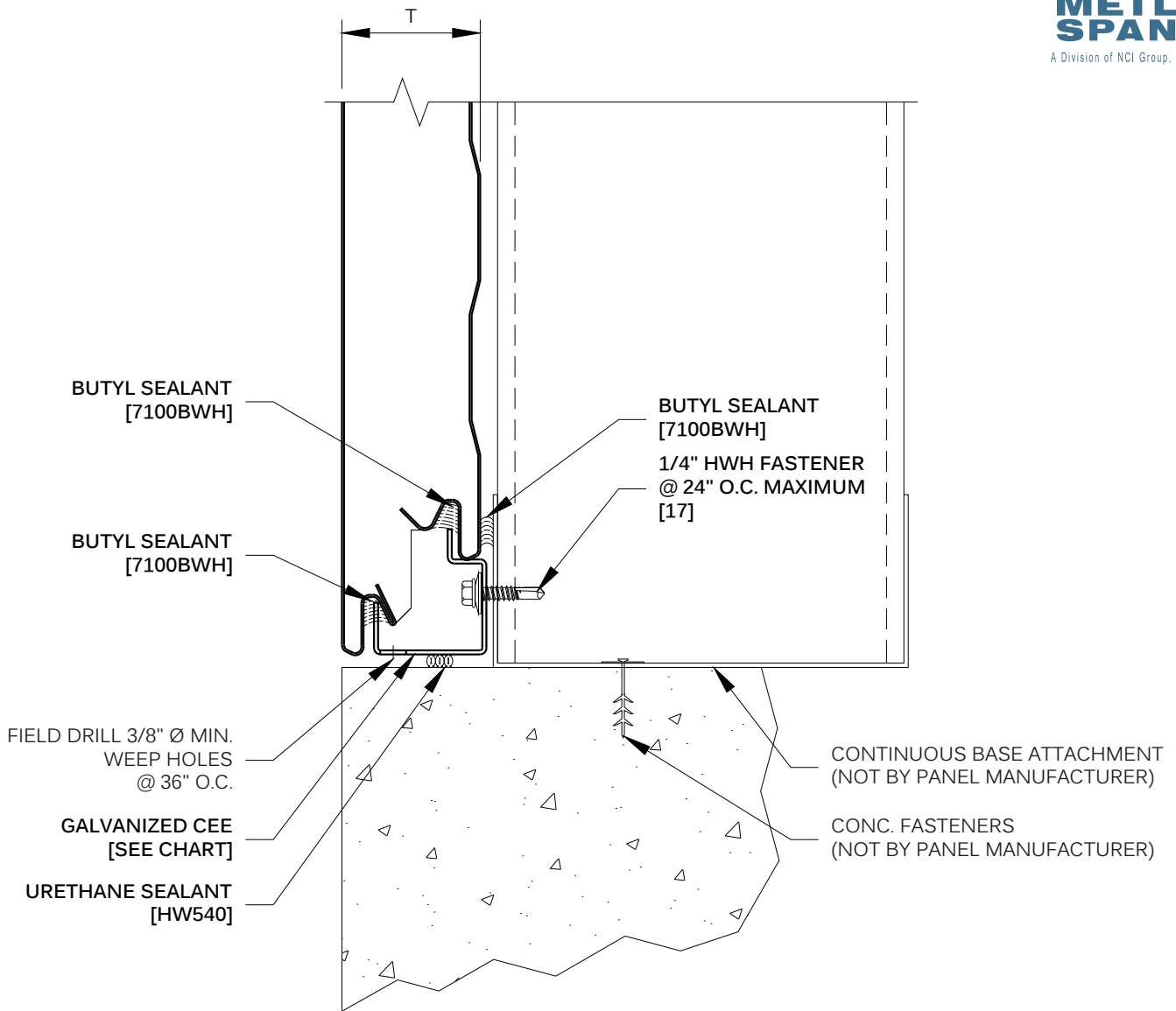
T	BASE FLASHING			
2"	F5733			
2.5"	F5735			
2.75"	F5736			
3"	F5737			
4"	F5739			
<b>ARCHITECTURAL</b>		<b>BASE - FLUSH W/TRIM</b>		<b>AR-CF-BE-01-A</b>
				DATE: Jul '19



ARCHITECTURAL

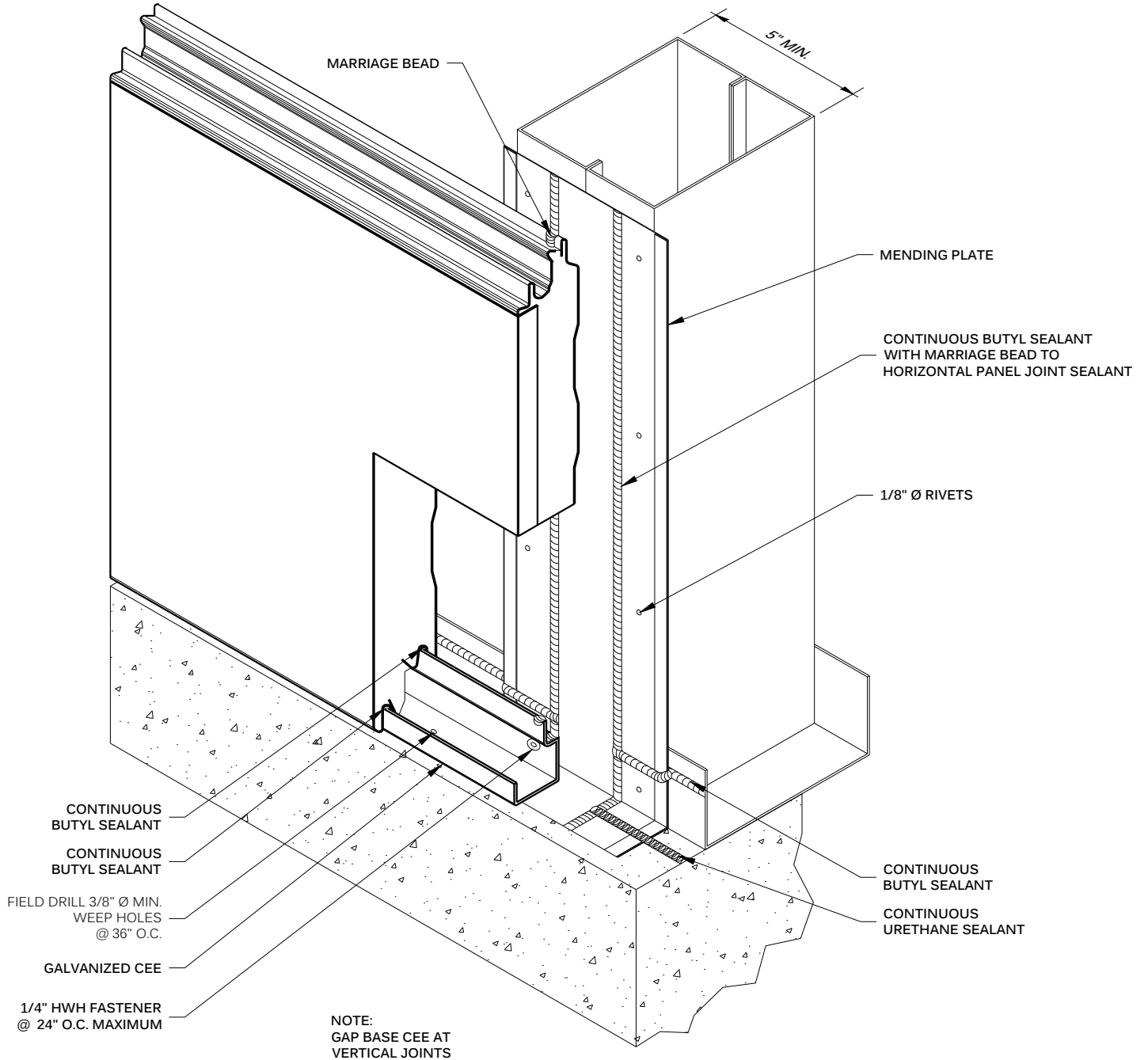
BASE -  
FLUSH W/TRIM - ISO

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



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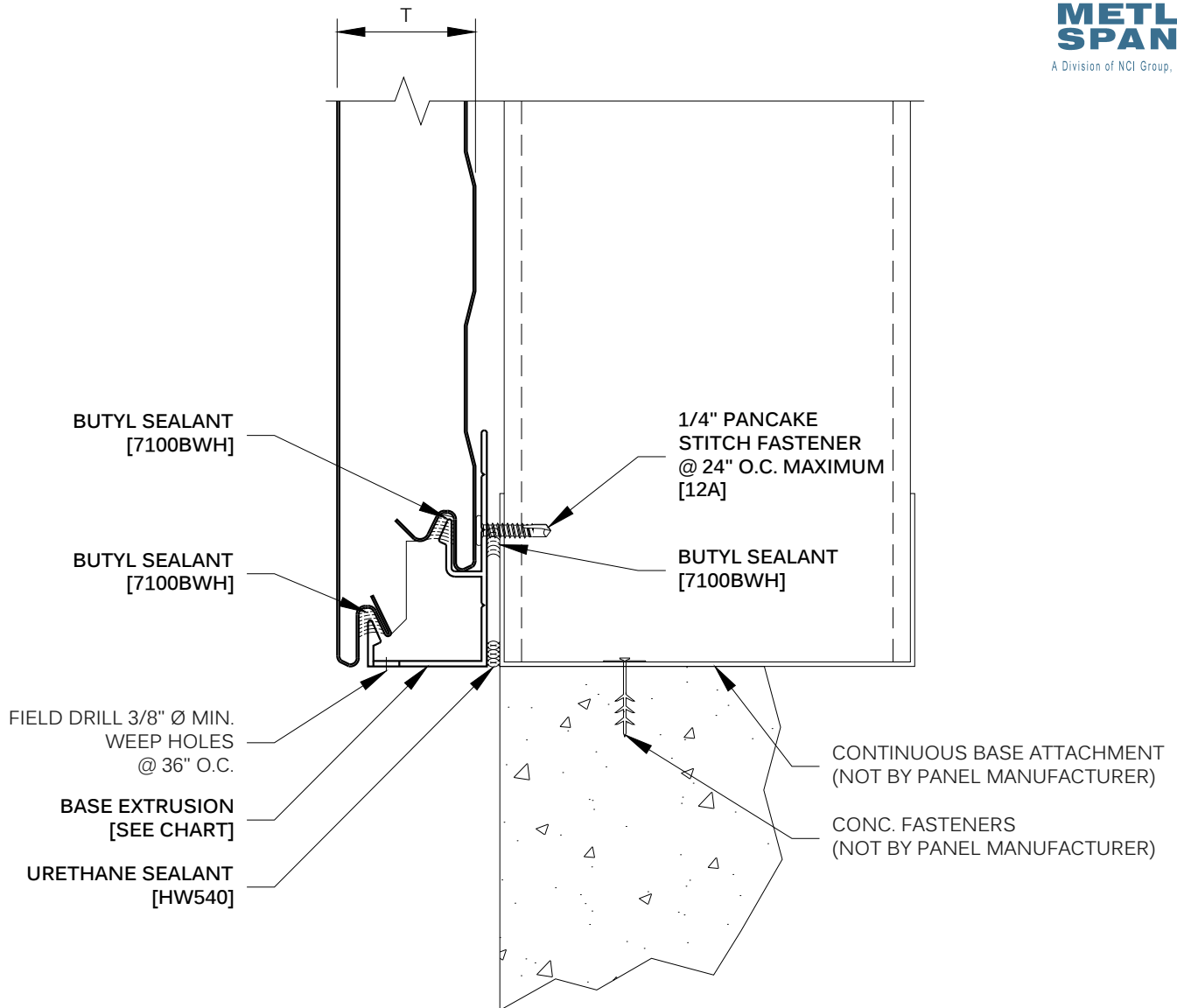
T	GALVANIZED CEE			
2"	BCT20			
2.5"	BCT21			
3"	BCT22			
4"	BCT23			
<b>ARCHITECTURAL</b>		<b>BASE - FLUSH W/GALVANIZED CEE</b>		<b>AR-CF-BE-02-A</b>
				DATE: Jul '19



ARCHITECTURAL

BASE - FLUSH  
W/GALVANIZED CEE - ISO

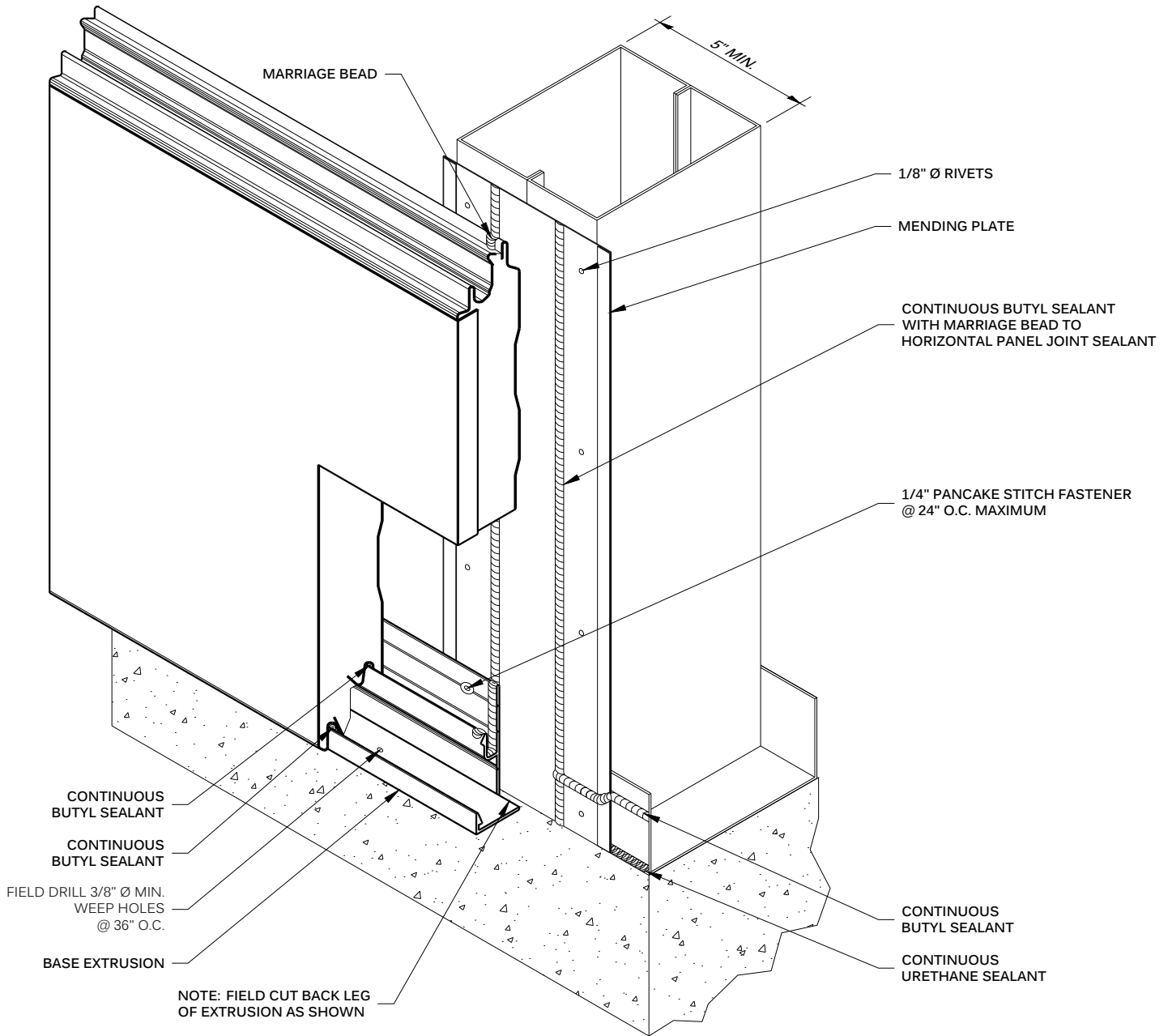
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ISO  
DATE: Jul '19



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

T	BASE EXTRUSION			
2"	9479ANC			
2.5"	9478ANC			
3"	9477ANC			
4"	9475ANC			

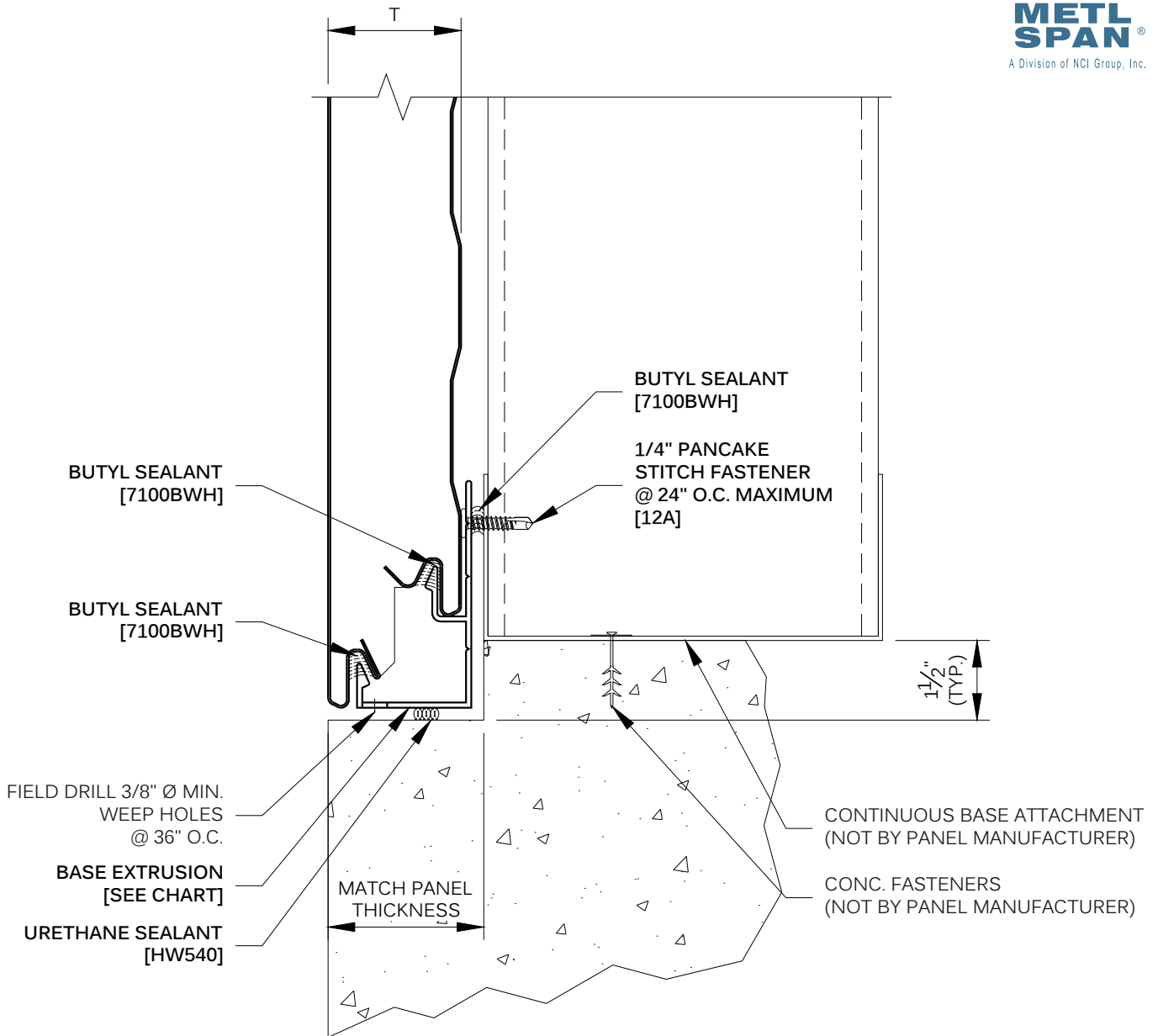
<b>ARCHITECTURAL</b>	<b>BASE - AT FLOOR W/EXTRUSION</b>	<b>AR-CF-BE-03-A</b> DATE: Jul '19
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ARCHITECTURAL

BASE -  
AT FLOOR W/EXTRUSION - ISO

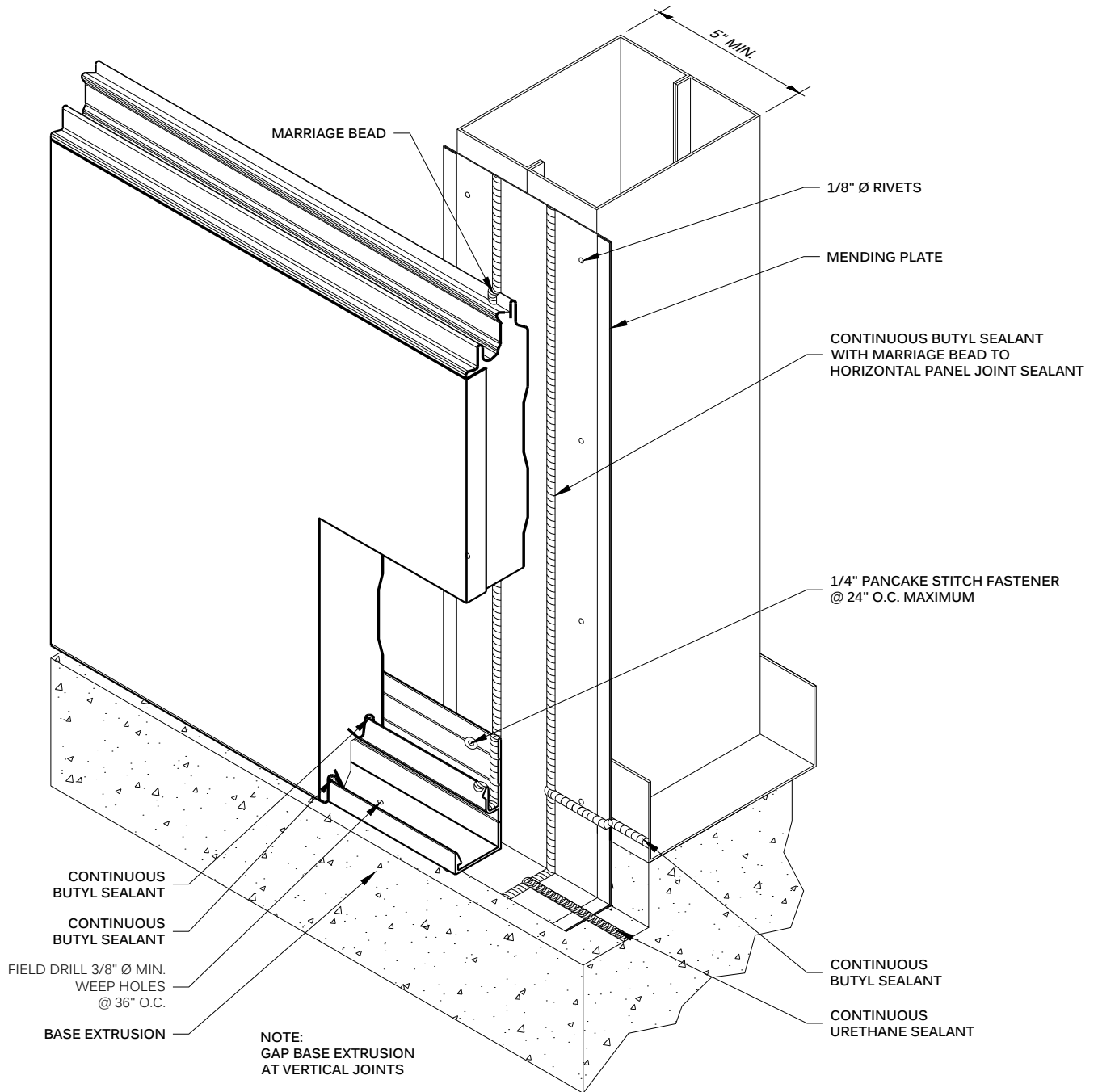
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ISO  
DATE: Jul '19



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

T	BASE EXTRUSION			
2"	9479ANC			
2.5"	9478ANC			
3"	9477ANC			
4"	9475ANC			

<b>ARCHITECTURAL</b>	<b>BASE - NOTCHED SLAB W/EXTRUSION</b>	<b>AR-CF-BE-04-A</b>
		DATE: Jul '19

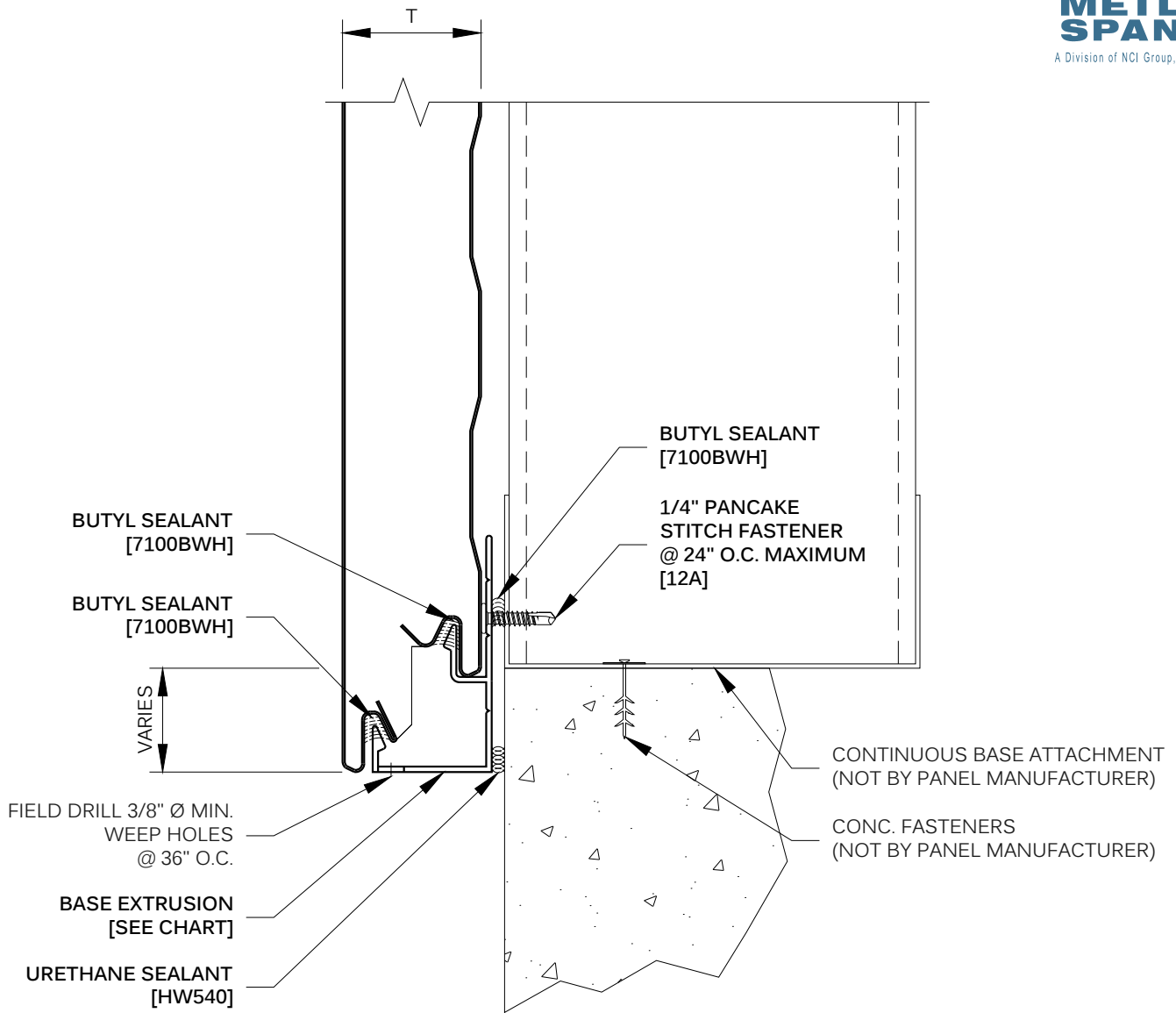


ARCHITECTURAL

BASE - NOTCHED SLAB  
W/EXTRUSION - ISO

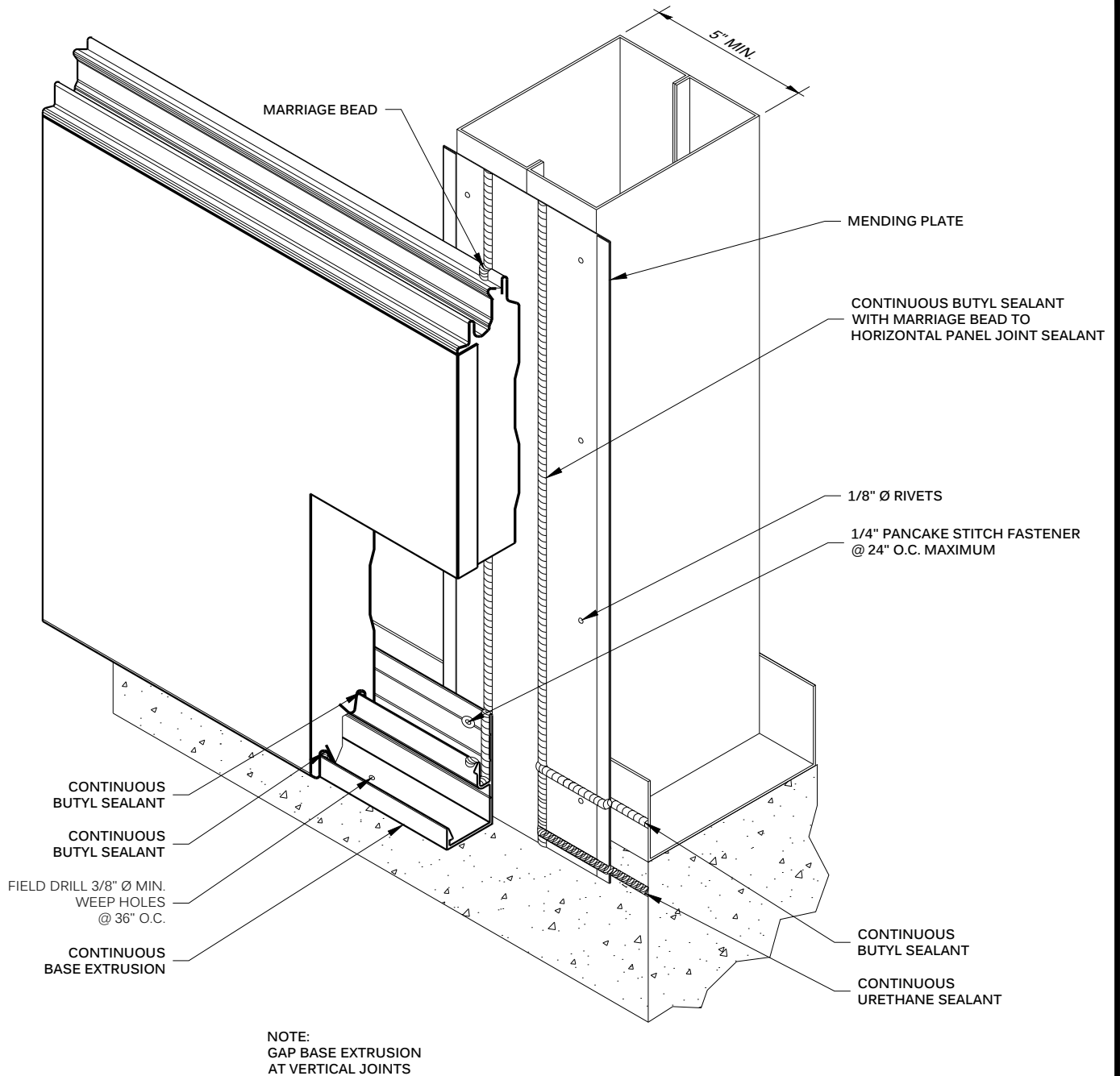
AR-CF-BE-04-  
ISO  
DATE: Jul '19





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

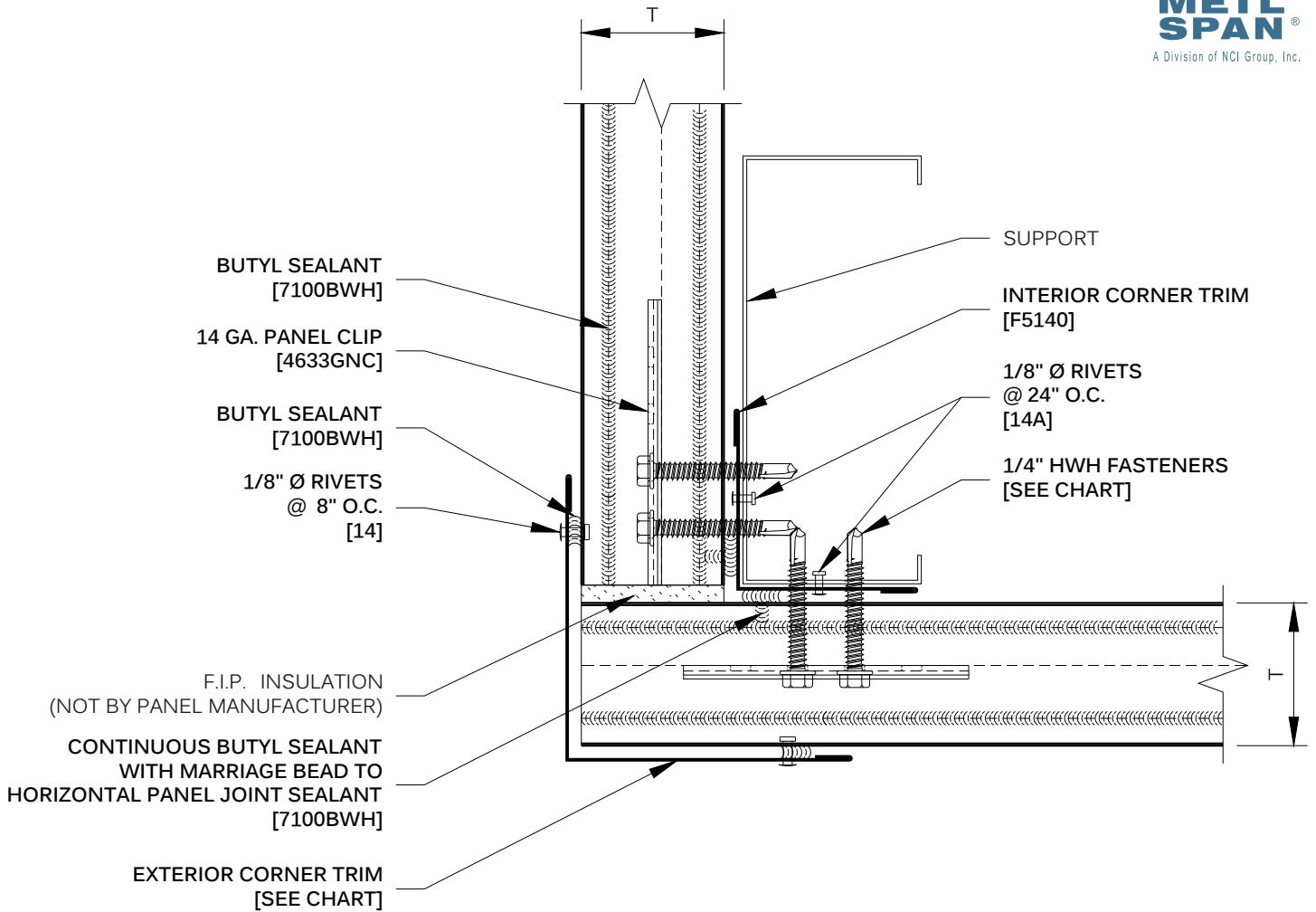
T	BASE EXTRUSION			
2"	9479ANC			
2.5"	9478ANC			
3"	9477ANC			
4"	9475ANC			
<b>ARCHITECTURAL</b>		<b>BASE - OVERHANG W/EXTRUSION</b>		<b>AR-CF-BE-05-A</b>
				DATE: Jul '19



ARCHITECTURAL

BASE - OVERHANG  
W/EXTRUSION - ISO

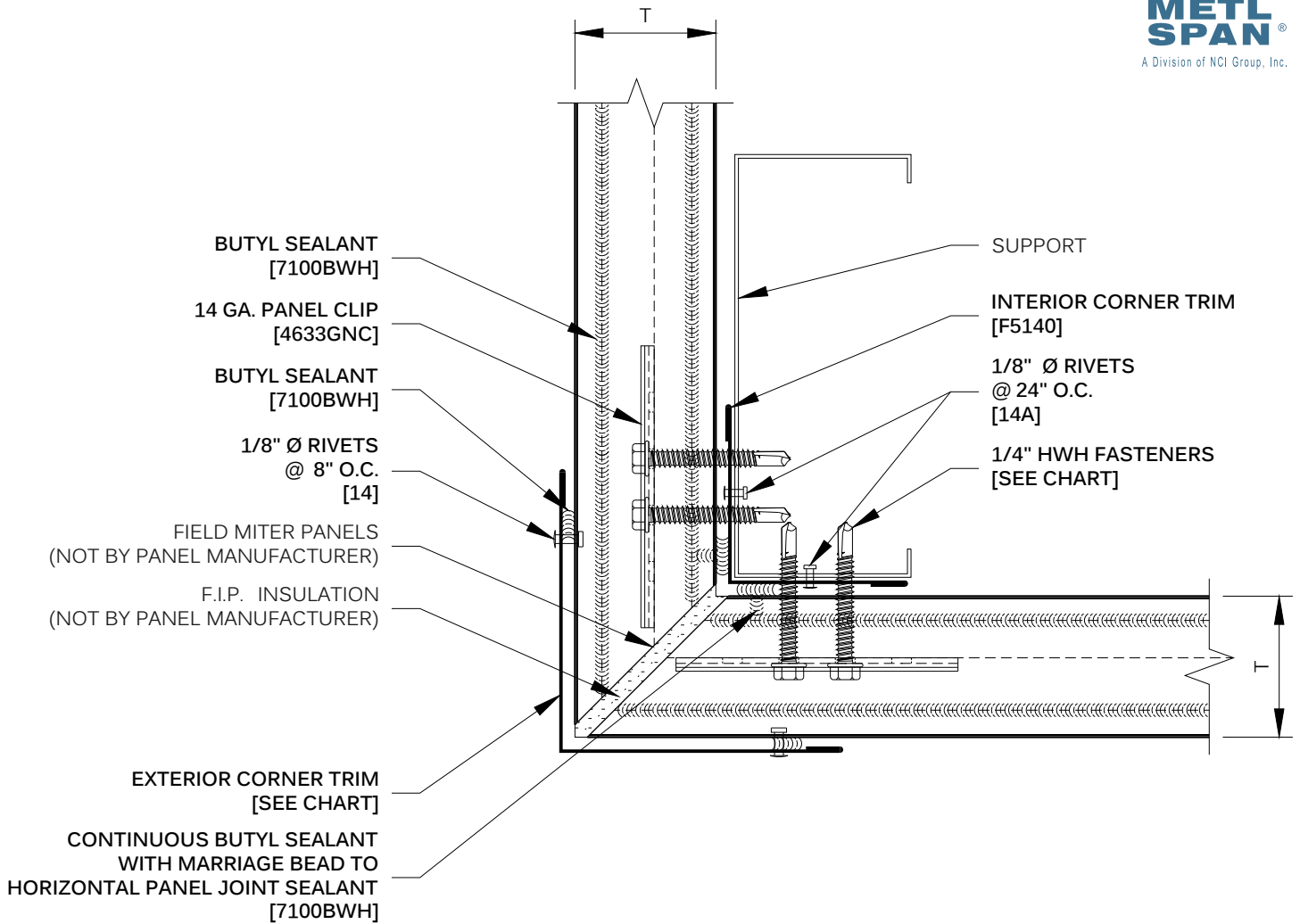
AR-CF-BE-05-  
ISO  
DATE: Jul '19



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

T	EXTERIOR CORNER TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5102	1616PNC	1724PNC	1816PNC
2.5"	F5103	1624PNC	1732PNC	1824PNC
3"	F5104	1624PNC	1732PNC	1824PNC
4"	F5101	1632PNC	1740PNC	1832PNC

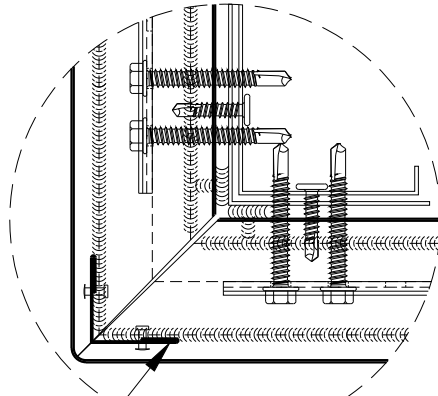
ARCHITECTURAL	OUTSIDE CORNER - W/TRIM	AR-CF-CE-01-A
		DATE: Jul '19



REFER TO SHEET "CI-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.

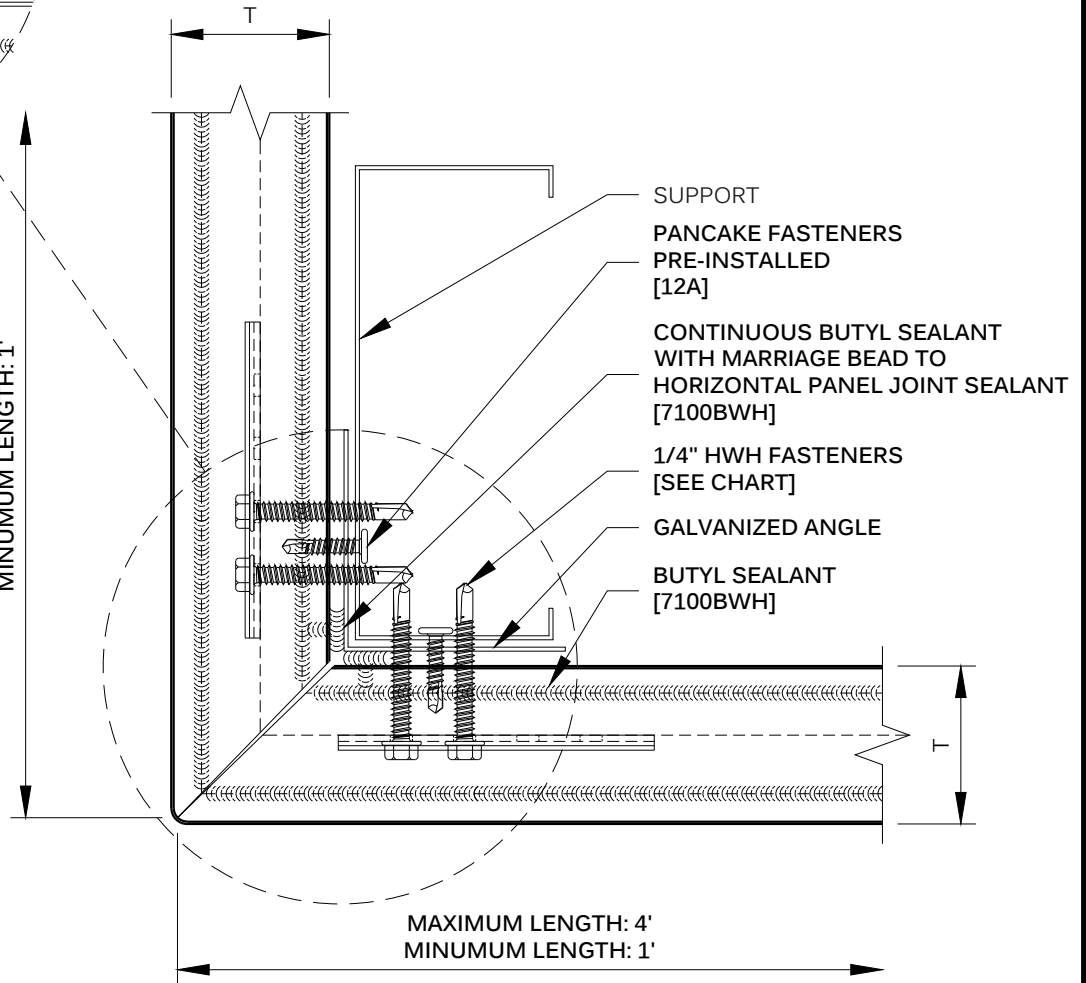
T	EXTERIOR CORNER TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5102	1616PNC	1724PNC	1816PNC
2.5"	F5103	1624PNC	1732PNC	1824PNC
3"	F5104	1624PNC	1732PNC	1824PNC
4"	F5101	1632PNC	1740PNC	1832PNC

<b>ARCHITECTURAL</b>	<b>OUTSIDE CORNER - (MITERED) W/TRIM</b>	<b>AR-CF-CE-02-A</b> DATE: Jul '19
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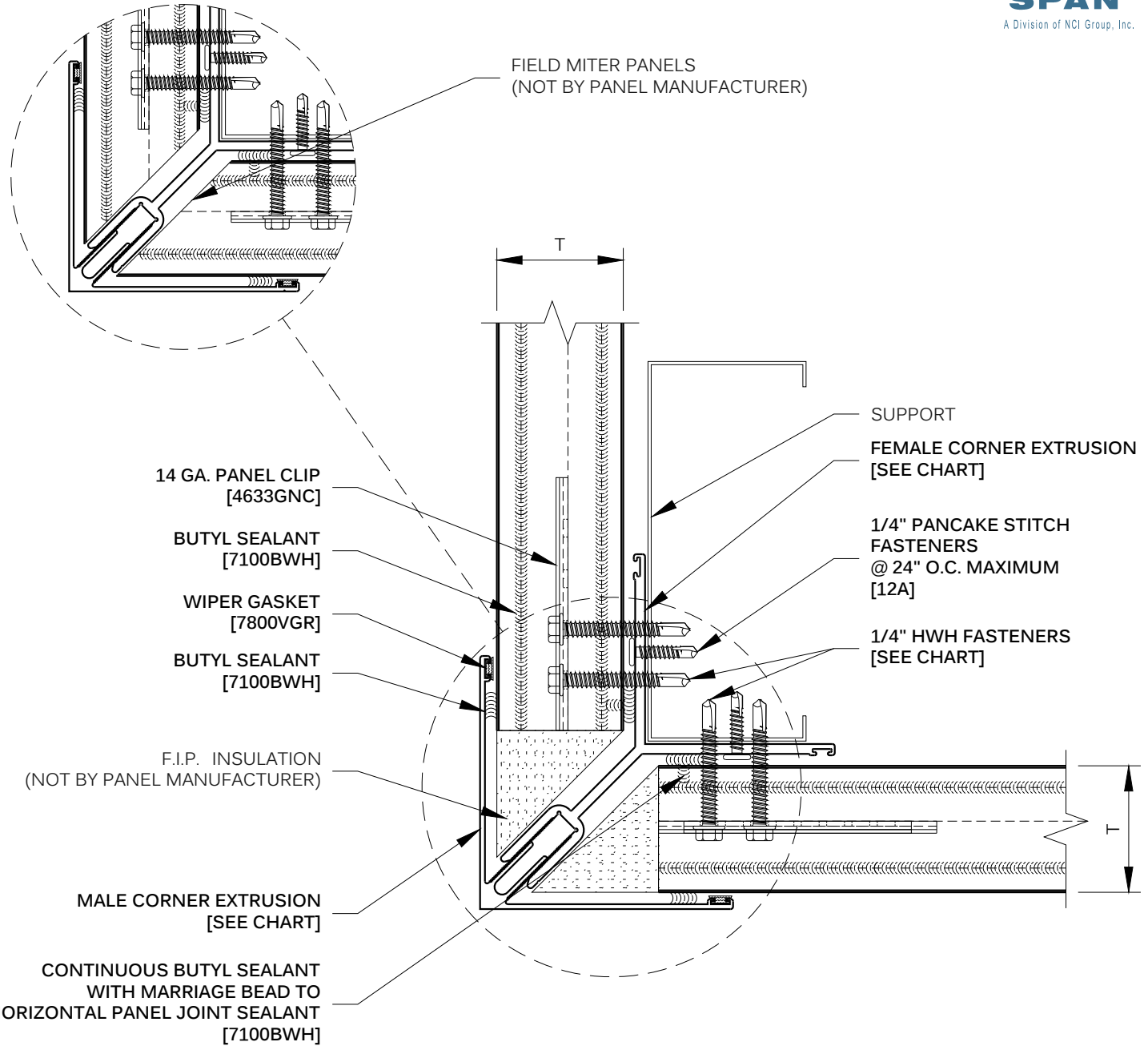
COVER PLATE REQUIRED  
WHEN PANEL HAS A REVEAL

MAXIMUM LENGTH: 7.5'  
MINIMUM LENGTH: 1'



REFER TO SHEET "CI-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.

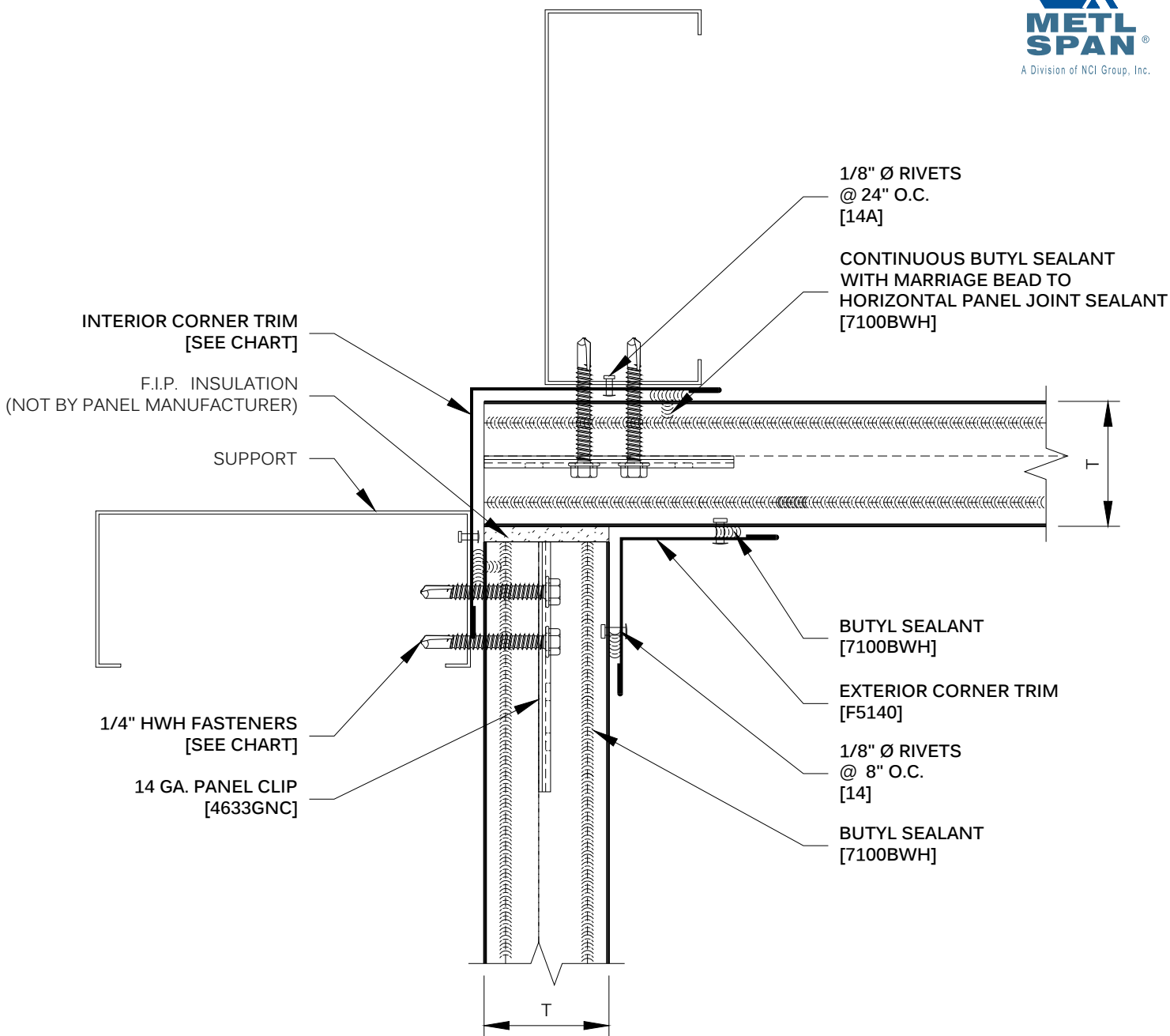
T	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER	
2"	1616PNC	1724PNC	1816PNC	
2.5"	1624PNC	1732PNC	1824PNC	
3"	1624PNC	1732PNC	1824PNC	
4"	1632PNC	1740PNC	1832PNC	
<b>ARCHITECTURAL</b>		<b>OUTSIDE CORNER - FACTORY FOLDED PANEL</b>		<b>AR-CF-CE-03-A</b> DATE: Jul '19



REFER TO SHEET "CI-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.

T	MALE CORNER EXTRUSION	FEMALE CORNER EXTRUSION	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	9425ANC	9438ANC	1616PNC	1724PNC	1816PNC
2.5"	9429ANC	9437ANC	1624PNC	1732PNC	1824PNC
3"	9429ANC	9436ANC	1624PNC	1732PNC	1824PNC
4"	9429ANC	9434ANC	1632PNC	1740PNC	1832PNC

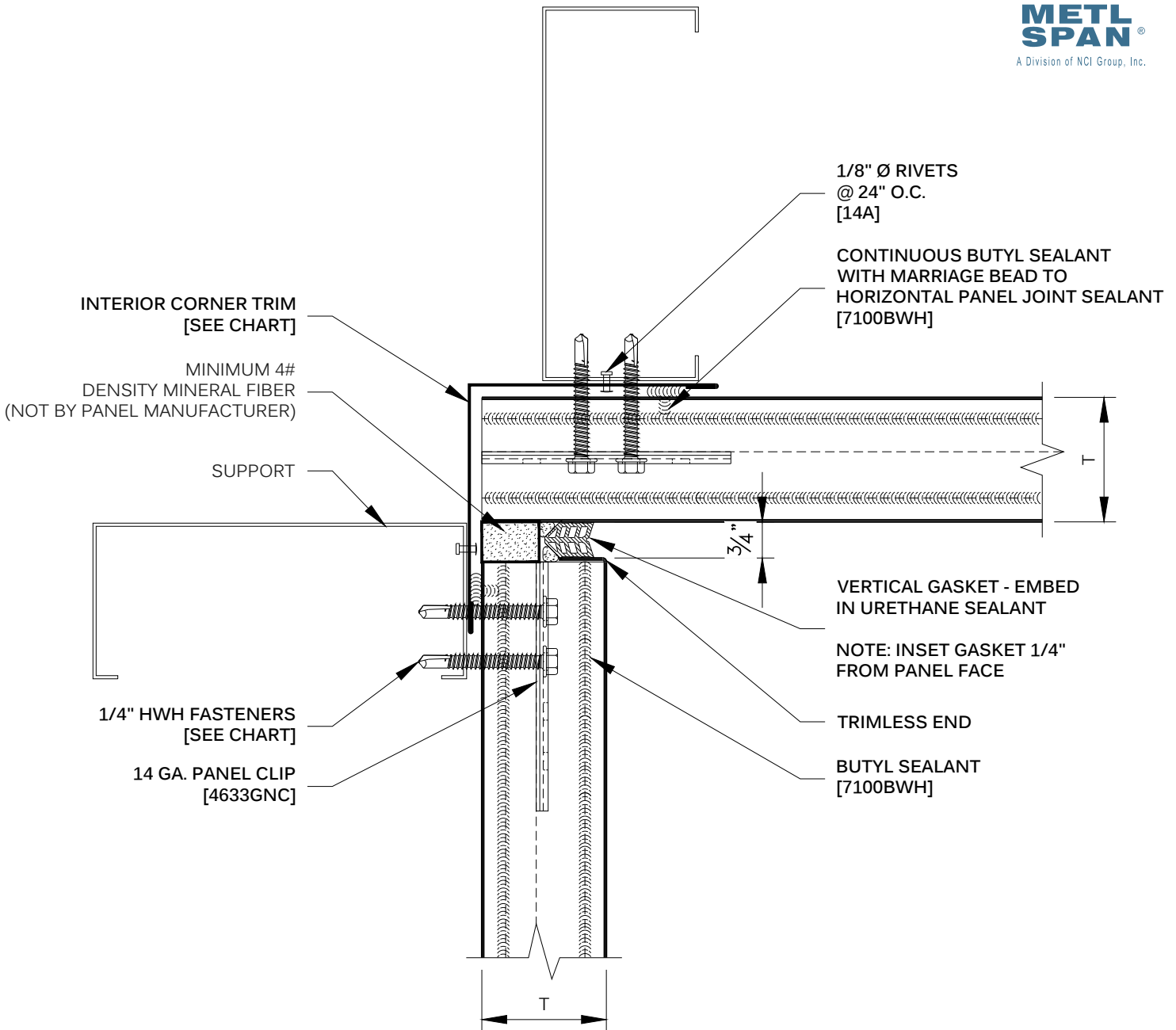
<b>ARCHITECTURAL</b>	<b>OUTSIDE CORNER - TWO PIECE EXTRUSION</b>	<b>AR-CF-CE-04-A</b> DATE: Jul '19
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REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	INTERIOR CORNER TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5102	1616PNC	1724PNC	1816PNC
2.5"	F5103	1624PNC	1732PNC	1824PNC
3"	F5104	1624PNC	1732PNC	1824PNC
4"	F5101	1632PNC	1740PNC	1832PNC

<b>ARCHITECTURAL</b>	<b>INSIDE CORNER - TRIM</b>	<b>AR-CF-CE-05-A</b> DATE: Jul '19
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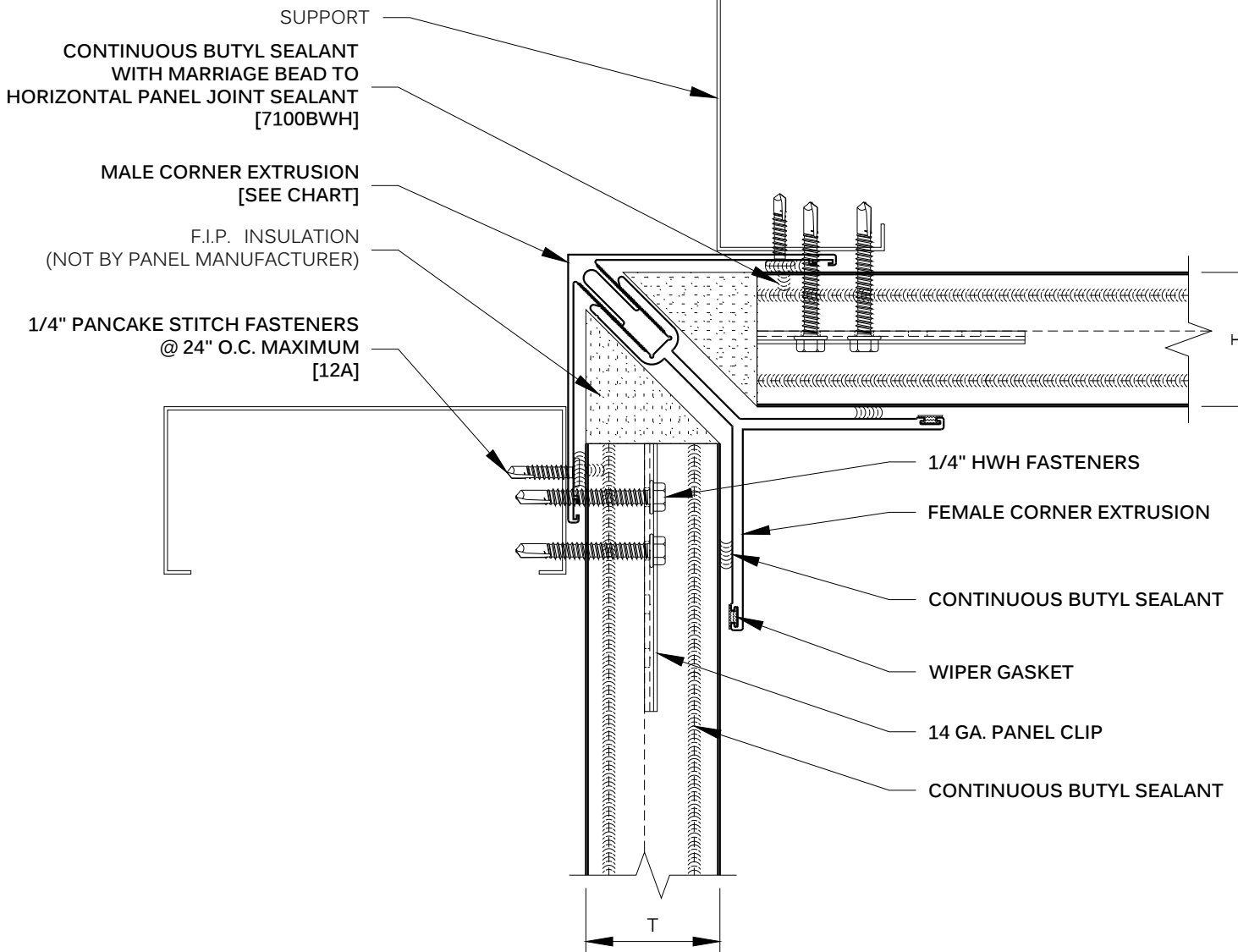


REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	INTERIOR CORNER TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5102	1616PNC	1724PNC	1816PNC
2.5"	F5103	1624PNC	1732PNC	1824PNC
3"	F5104	1624PNC	1732PNC	1824PNC
4"	F5101	1632PNC	1740PNC	1832PNC

<b>ARCHITECTURAL</b>	<b>INSIDE CORNER - TRIMLESS END W/GASKET</b>	<b>AR-CF-CE-06-A</b> DATE: Jul '19
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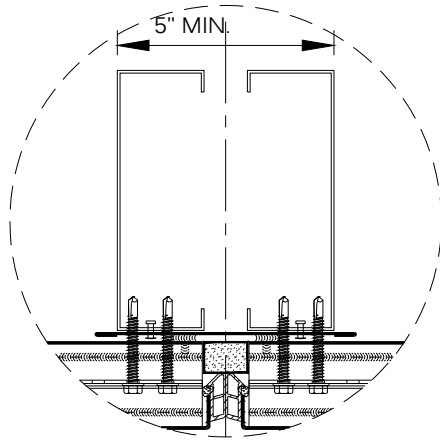




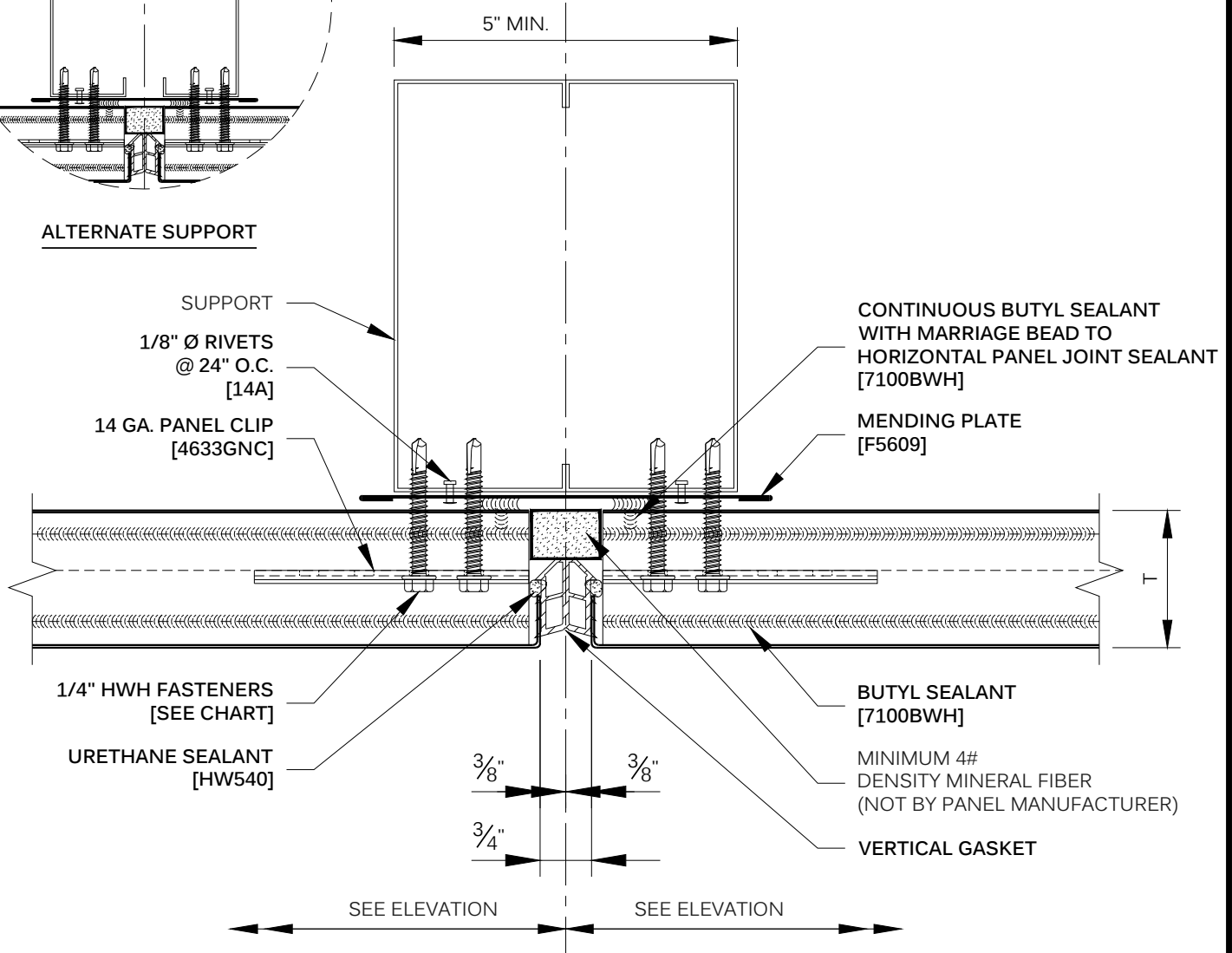
REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	MALE CORNER EXTRUSION	FEMALE CORNER EXTRUSION	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	9425ANC	9438ANC	1616PNC	1724PNC	1816PNC
2.5"	9429ANC	9437ANC	1624PNC	1732PNC	1824PNC
3"	9429ANC	9436ANC	1624PNC	1732PNC	1824PNC
4"	9429ANC	9434ANC	1632PNC	1740PNC	1832PNC

<b>ARCHITECTURAL</b>	<b>INSIDE CORNER - W/TWO PIECE CORNER EXTRUSION</b>	<b>AR-CF-CE-07-A</b> DATE: Jul '19
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**ALTERNATE SUPPORT**

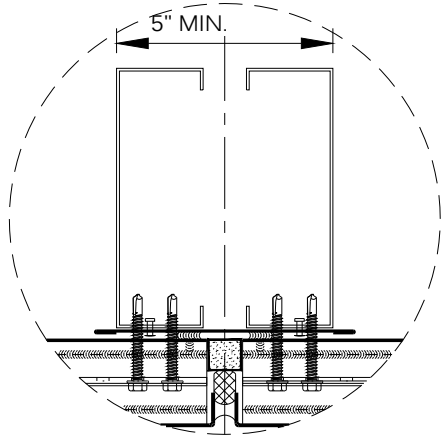


REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.

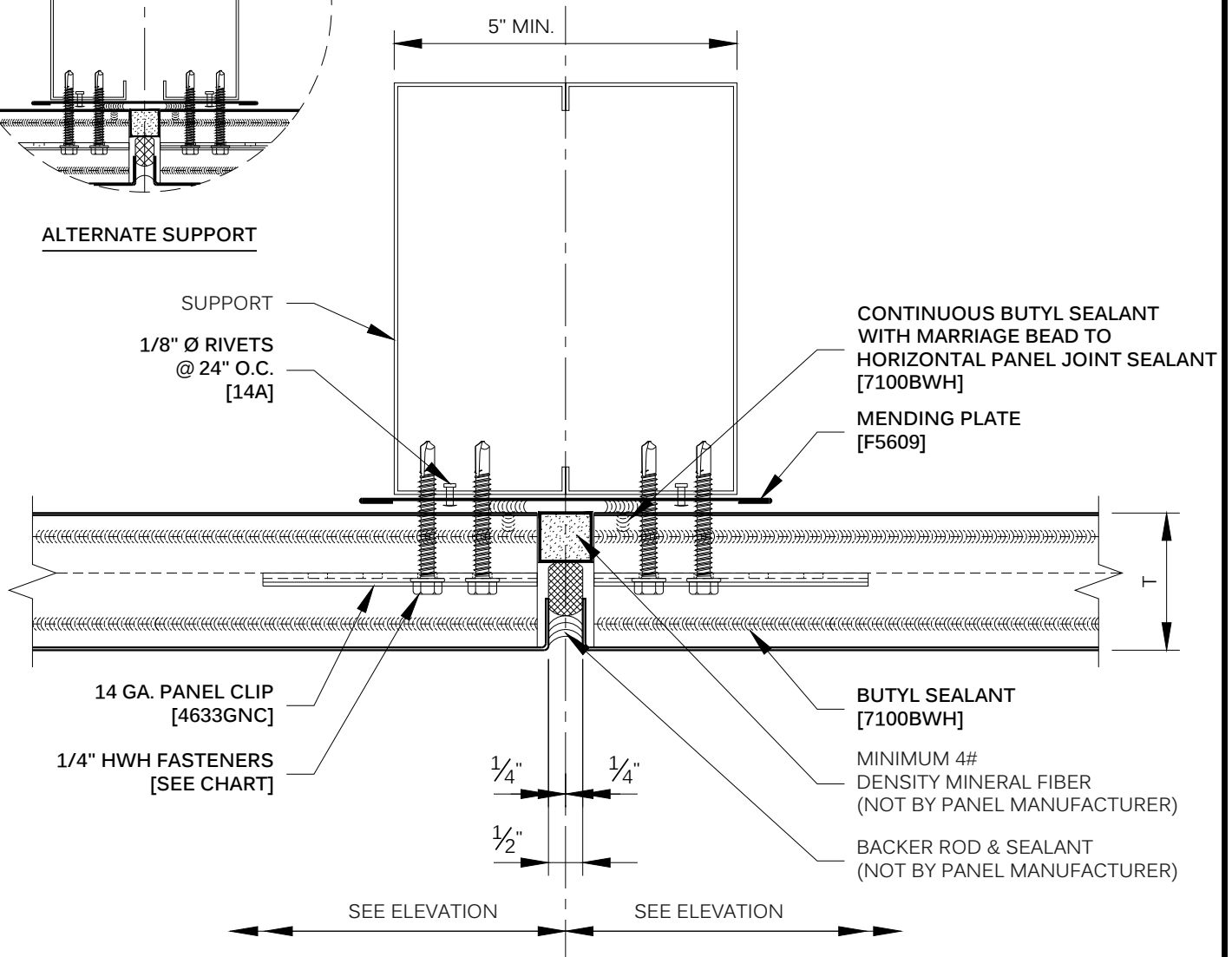
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER	
2"	1616PNC	1724PNC	1816PNC	
2.5"	1624PNC	1732PNC	1824PNC	
3"	1624PNC	1732PNC	1824PNC	
4"	1632PNC	1740PNC	1832PNC	

<b>ARCHITECTURAL</b>	<b>VERTICAL JOINT - W/TRIMLESS ENDS AND GASKET</b>	<b>AR-CF-VJ-01-A</b>
		DATE: Jul '19



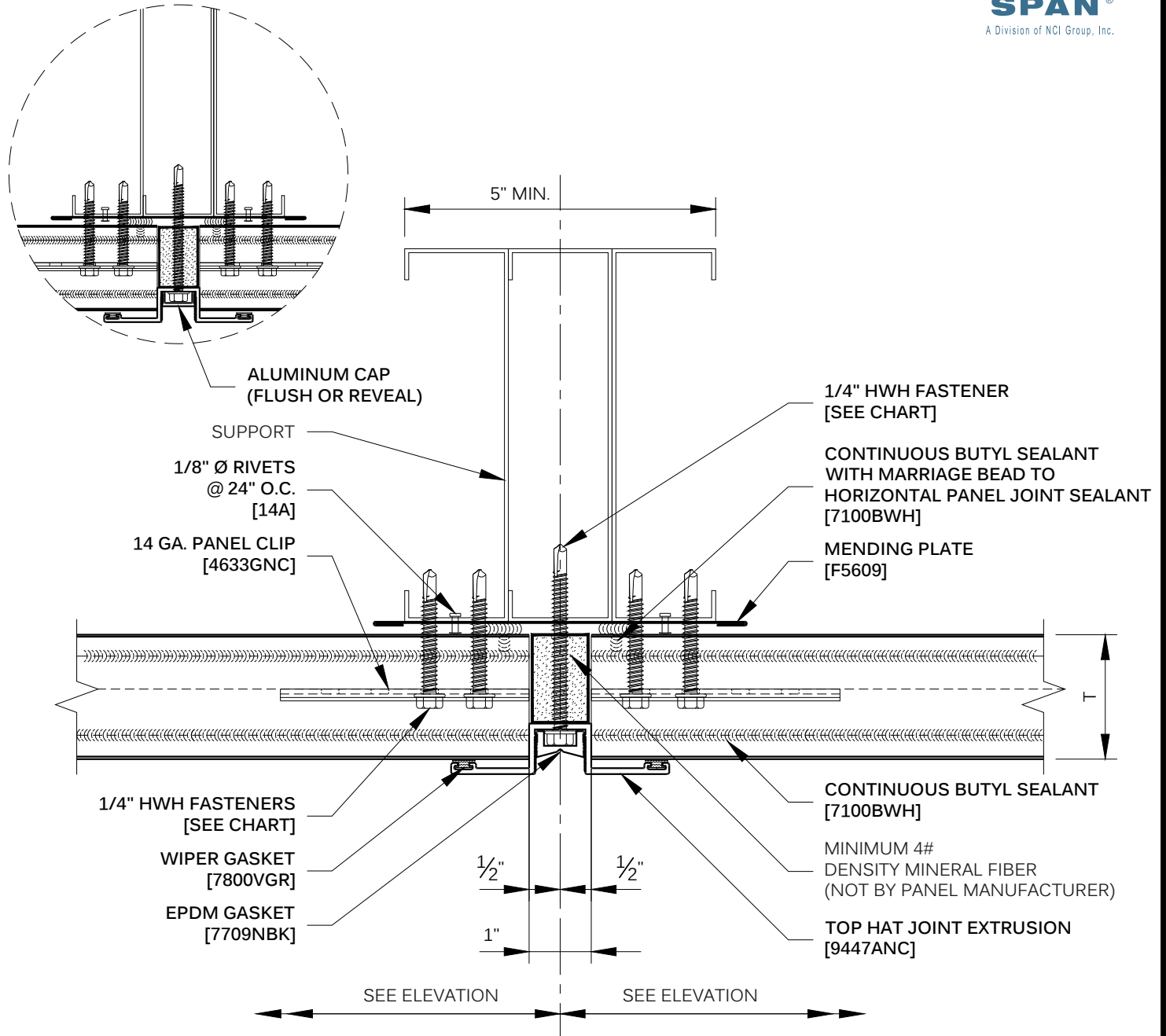
**ALTERNATE SUPPORT**



REFER TO SHEET "CI-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.

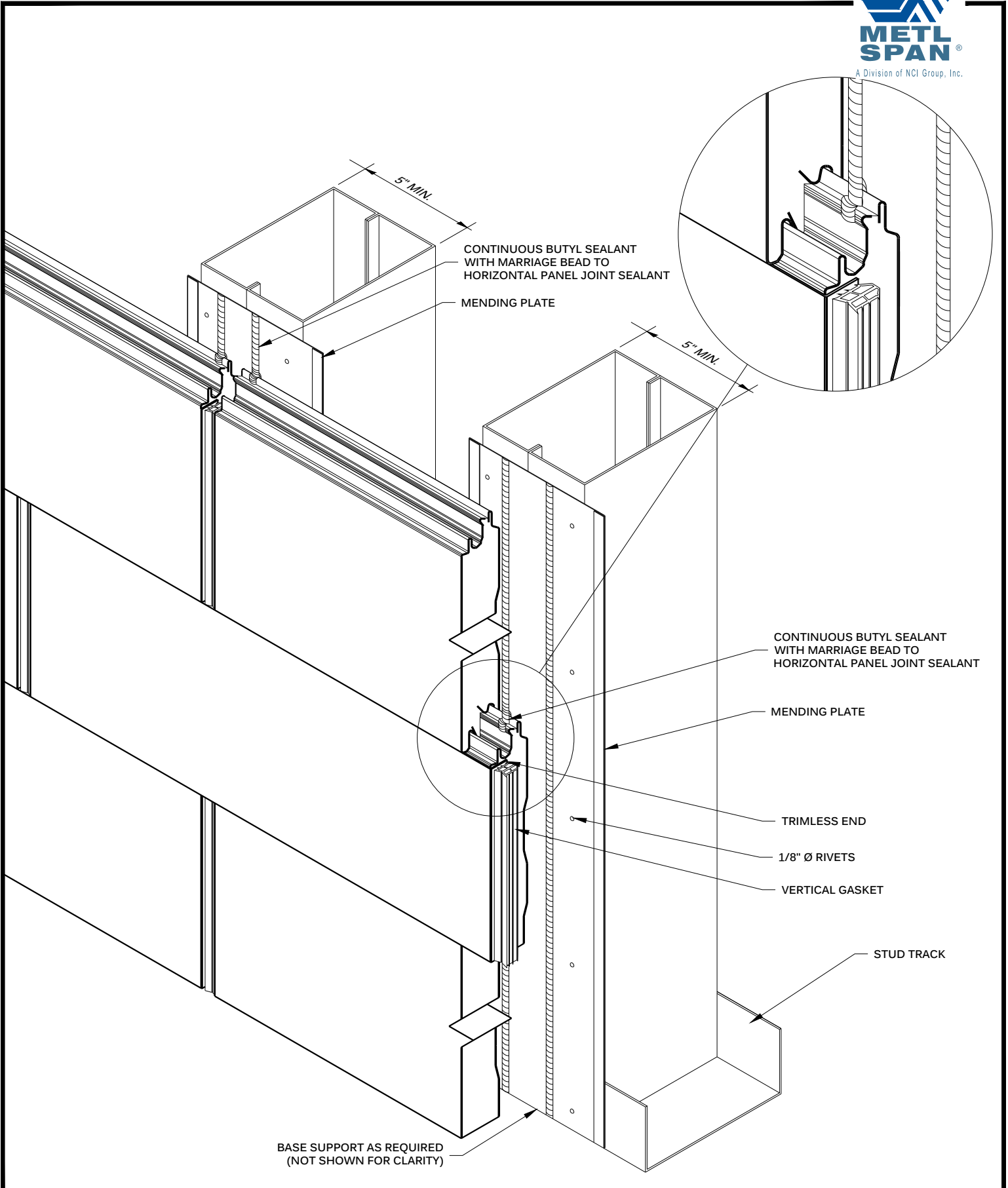
T	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER	
2"	1616PNC	1724PNC	1816PNC	
2.5"	1624PNC	1732PNC	1824PNC	
3"	1624PNC	1732PNC	1824PNC	
4"	1632PNC	1740PNC	1832PNC	

<b>ARCHITECTURAL</b>	<b>VERTICAL JOINT - TRIMLESS ENDS AND WET SEAL</b>	<b>AR-CF-VJ-02-A</b> DATE: Jul '19
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REFER TO SHEET "CI-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.

T	TOP HAT FASTENER	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	1624PNC	1616PNC	1724PNC	1816PNC
2.5"	1624PNC	1624PNC	1732PNC	1824PNC
3"	1632PNC	1624PNC	1732PNC	1824PNC
4"	1640PNC	1632PNC	1740PNC	1832PNC
ARCHITECTURAL		VERTICAL JOINT - W/EXTRUSION		AR-CF-VJ-03-A DATE: Jul '19

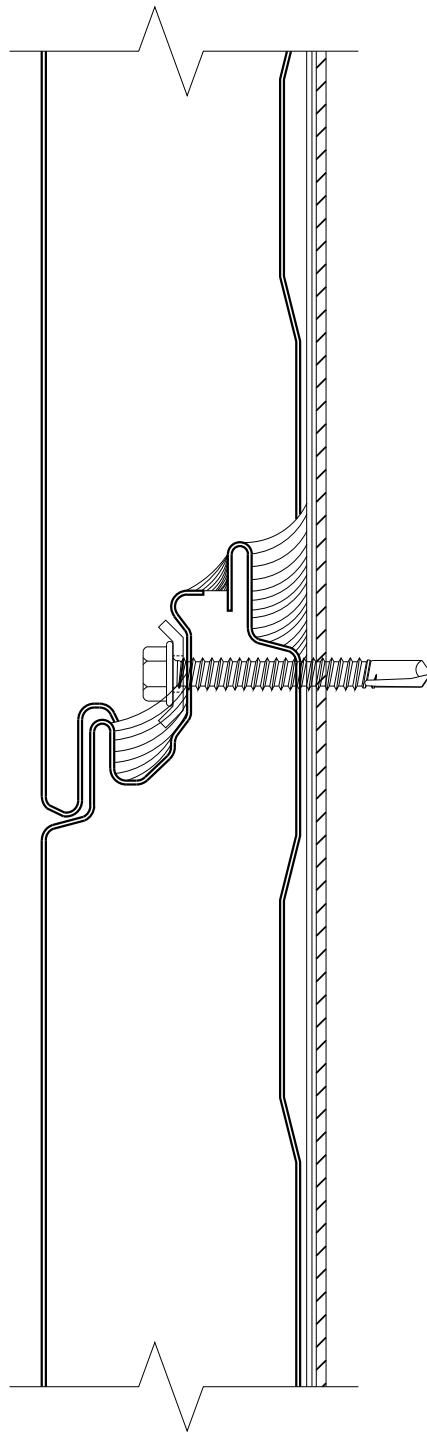


ARCHITECTURAL

VERTICAL JOINT -  
RUNNING BOND PATTERN

AR-CF-VJ-04

DATE: Jul '19

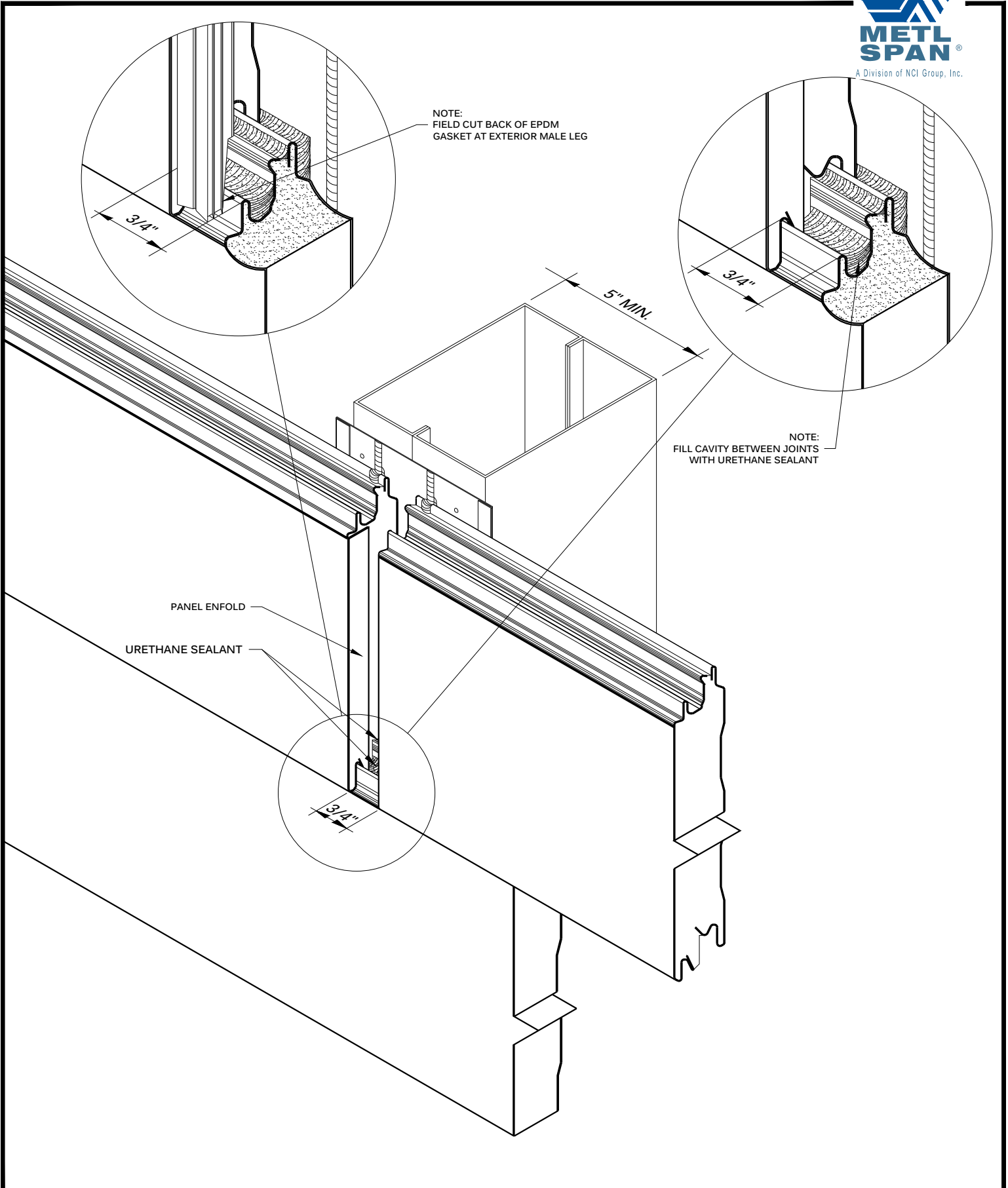


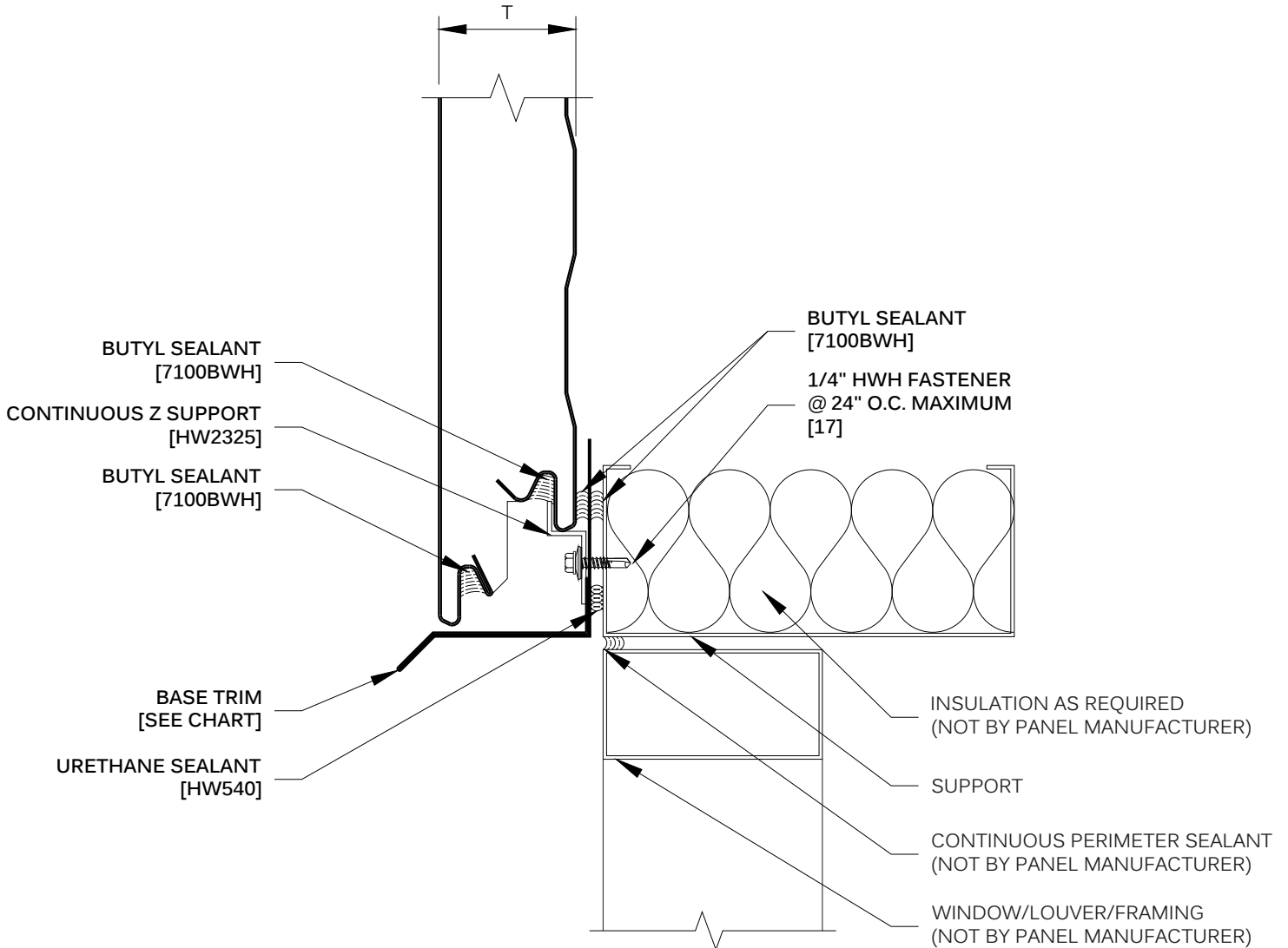
ARCHITECTURAL

VERTICAL JOINT -  
RUNNING BOND SEALANTS

AR-CF-VJ-05

DATE: Jul '19

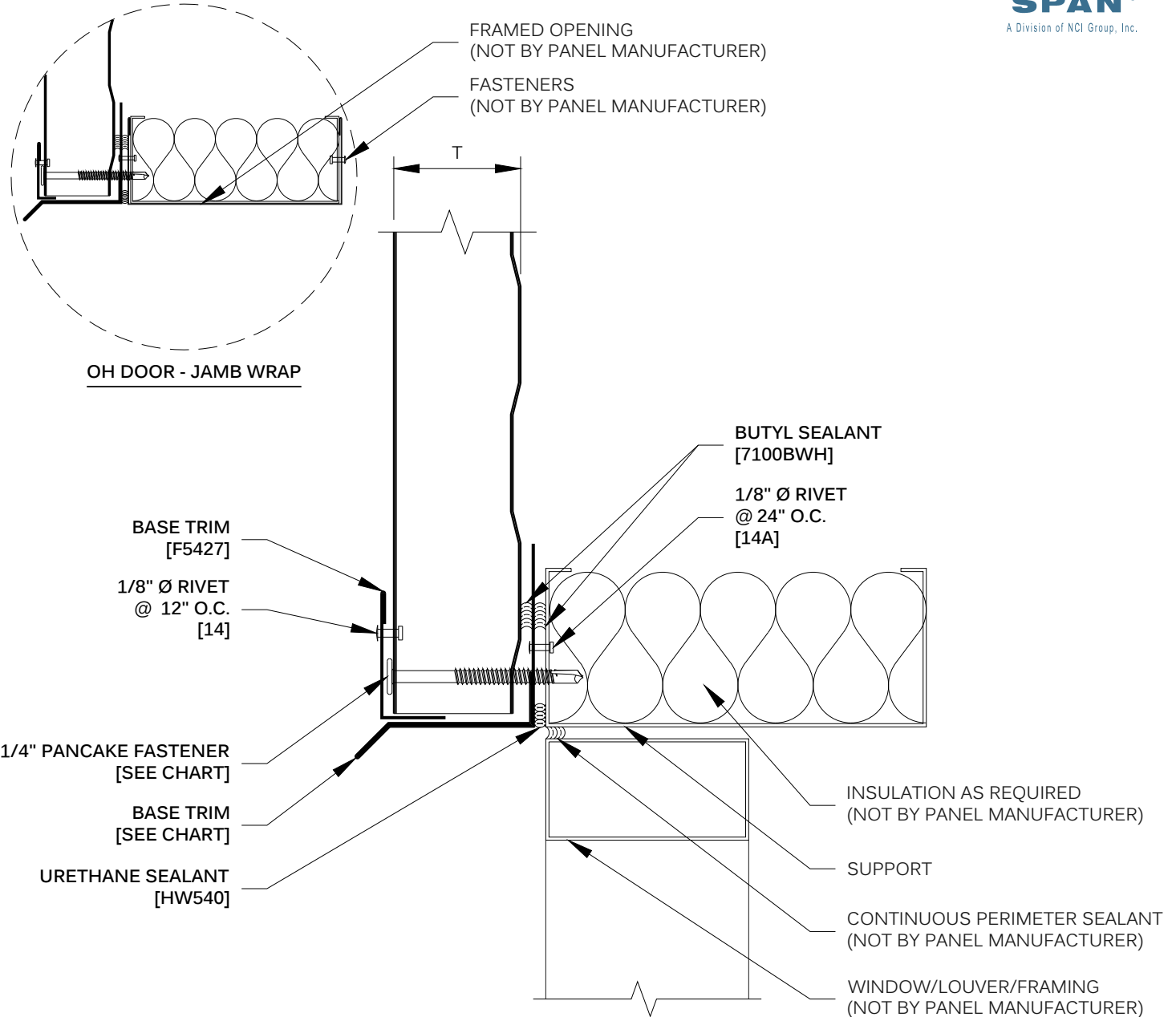




REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

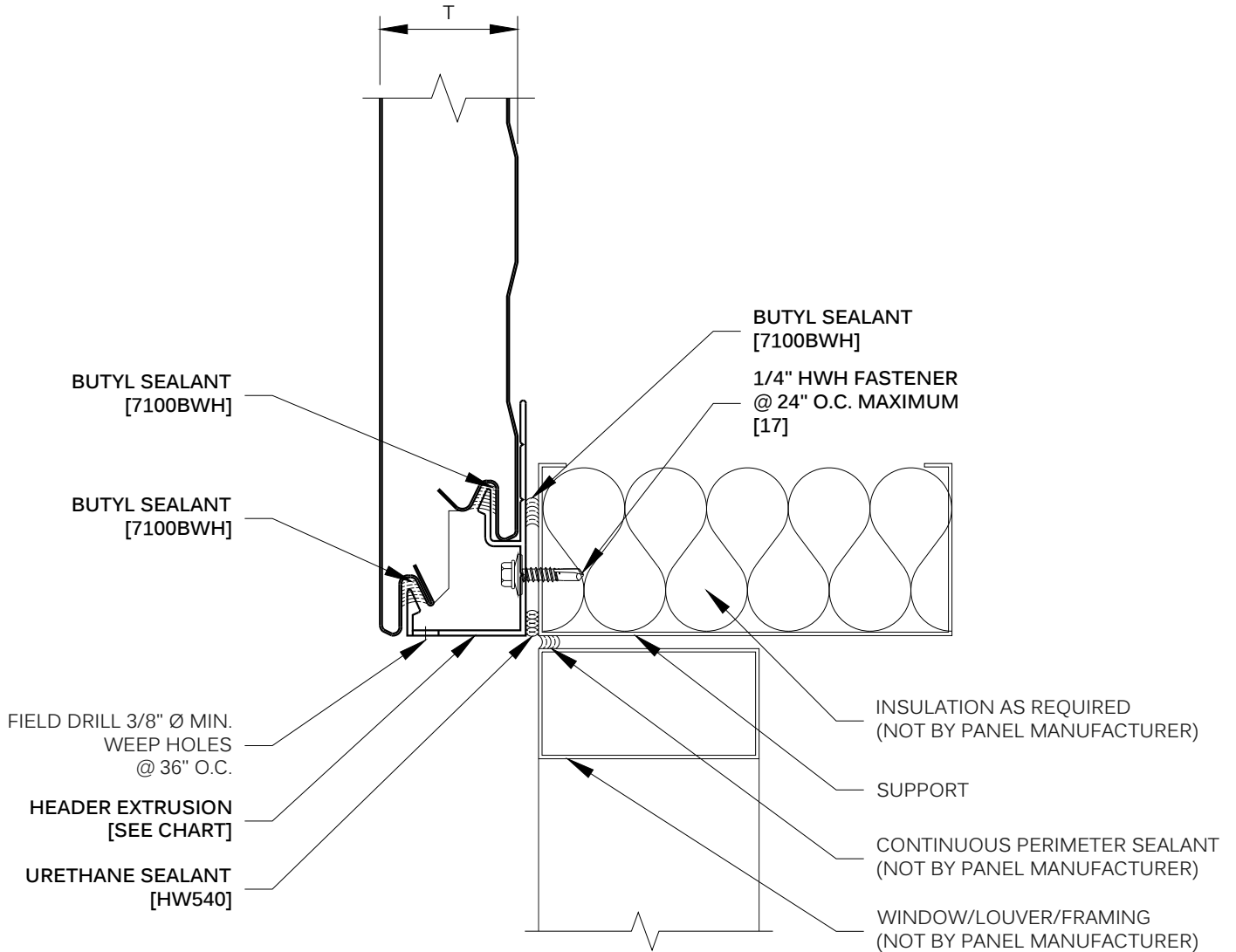
T	HEAD TRIM			
2"	F5007			
2.5"	F5021			
3"	F5040			
4"	F5059			
<b>ARCHITECTURAL</b>		<b>FRAMED OPENING HEAD - W/DRIP EDGE TRIM</b>		<b>AR-CF-HD-01-A</b>
				DATE: Jul '19





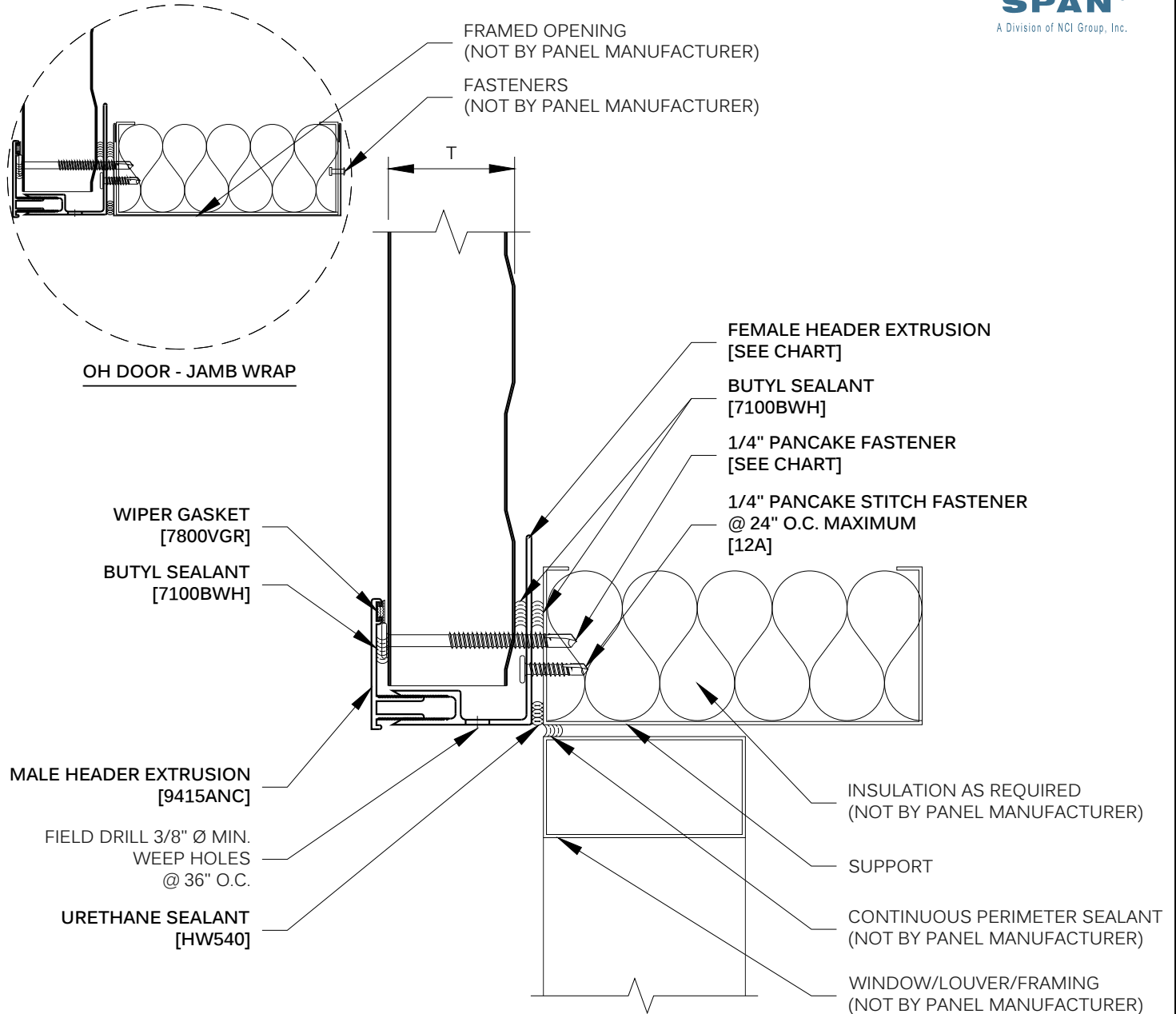
REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	HEAD TRIM	TYPE 3 THRU FASTENER	TEK 5 THRU FASTENER	TYPE B THRU FASTENER
2"	F5007	1424PNC	1732PNC	1824PNC
2.5"	F5021	1432PNC	1740PNC	1832PNC
3"	F5040	1432PNC	1740PNC	1832PNC
4"	F5059	1440PNC	1748PNC	1832PNC
ARCHITECTURAL		FRAMED OPENING HEAD - OFF		AR-CF-HD-02-A
		MODULE W/DRIP EDGE TRIM		DATE: Jul '19



REFER TO SHEET "CI-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.

T	HEADER EXTRUSION			
2"	9479ANC			
2.5"	9478ANC			
3"	9477ANC			
4"	9475ANC			
<b>ARCHITECTURAL</b>		<b>FRAMED OPENING HEAD - EXTRUSION</b>		<b>AR-CF-HD-03-A</b>
				DATE: Jul '19



REFER TO SHEET "CI-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.

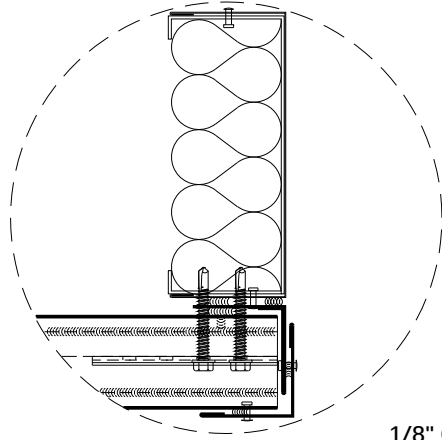
T	FEMALE HEADER EXTRUSION	TYPE 3 THRU FASTENER	TEK 5 THRU FASTENER	TYPE B THRU FASTENER
2"	9420A	1424PNC	1732PNC	1824PNC
2.5"	9421A	1432PNC	1740PNC	1832PNC
3"	9422A	1432PNC	1740PNC	1832PNC
4"	9423A	1440PNC	1748PNC	1832PNC

ARCHITECTURAL

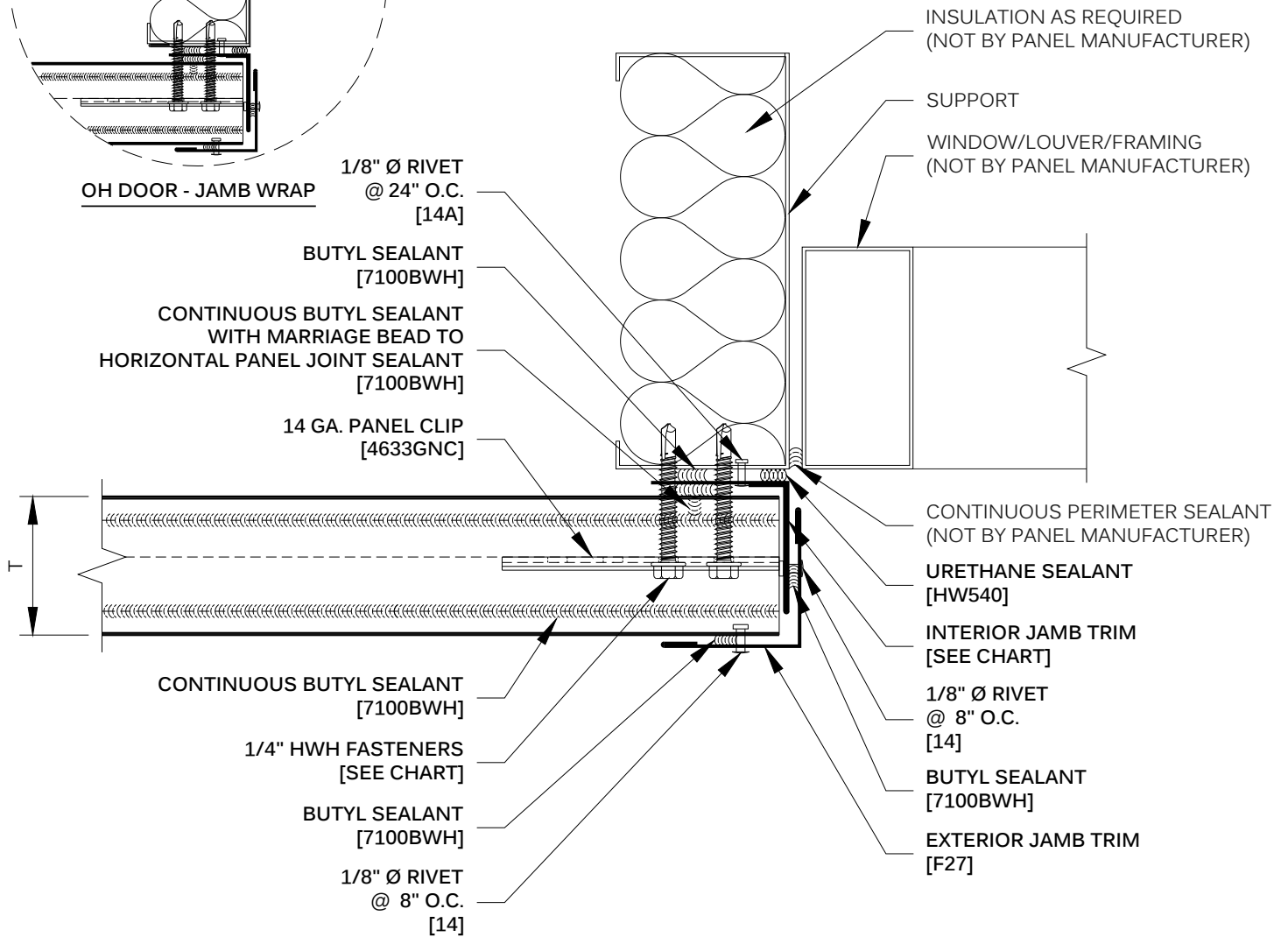
FRAMED OPENING HEAD - OFF  
MODULE W/TWO PIECE EXTRUSION

AR-CF-HD-04-A

DATE: Jul '19



**OH DOOR - JAMB WRAP**

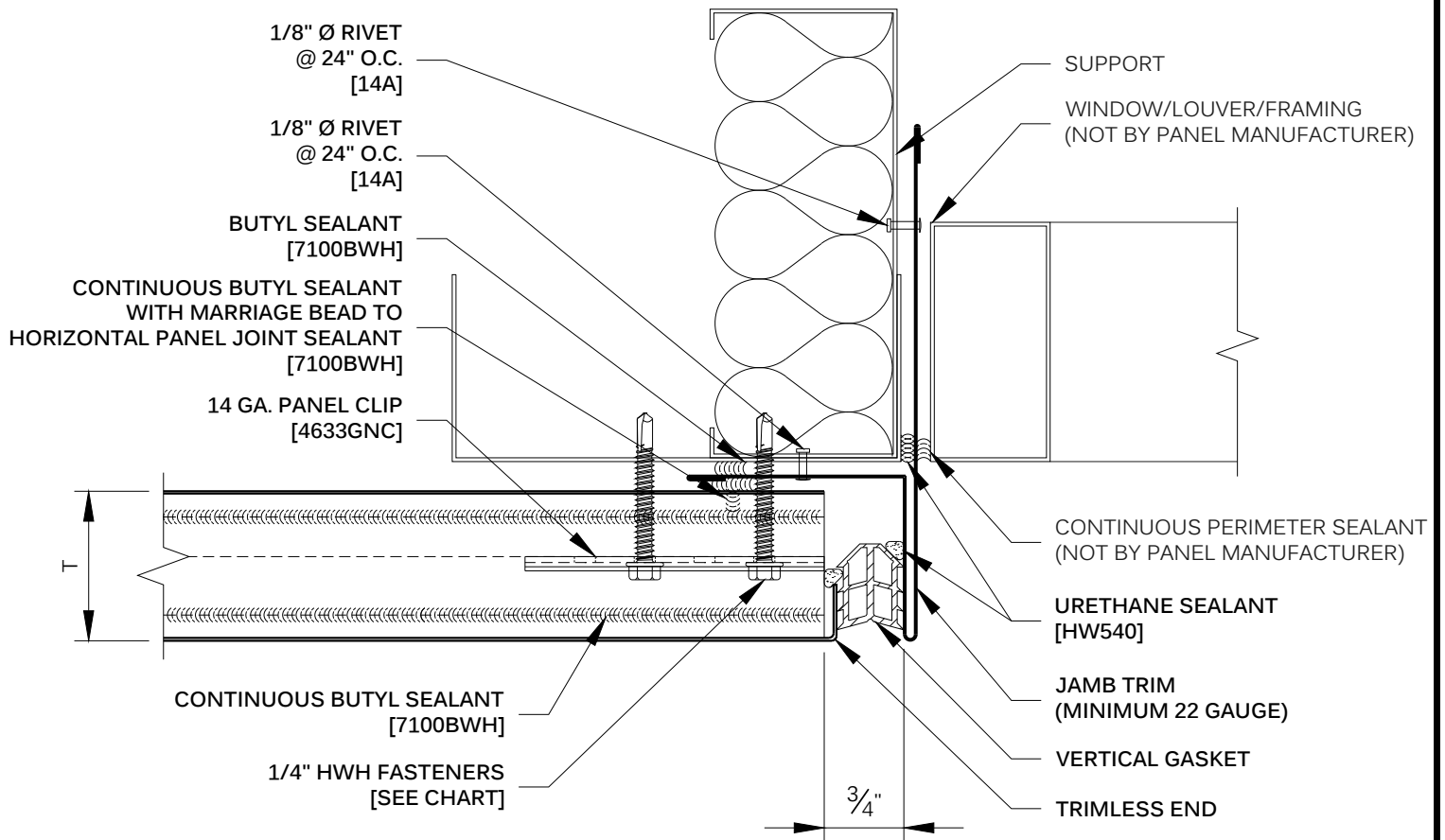


REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.

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

T	INTERIOR JAMB TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5442	1616PNC	1724PNC	1816PNC
2.5"	F5442	1624PNC	1732PNC	1824PNC
3"	F5443	1624PNC	1732PNC	1824PNC
4"	F5443	1632PNC	1740PNC	1832PNC

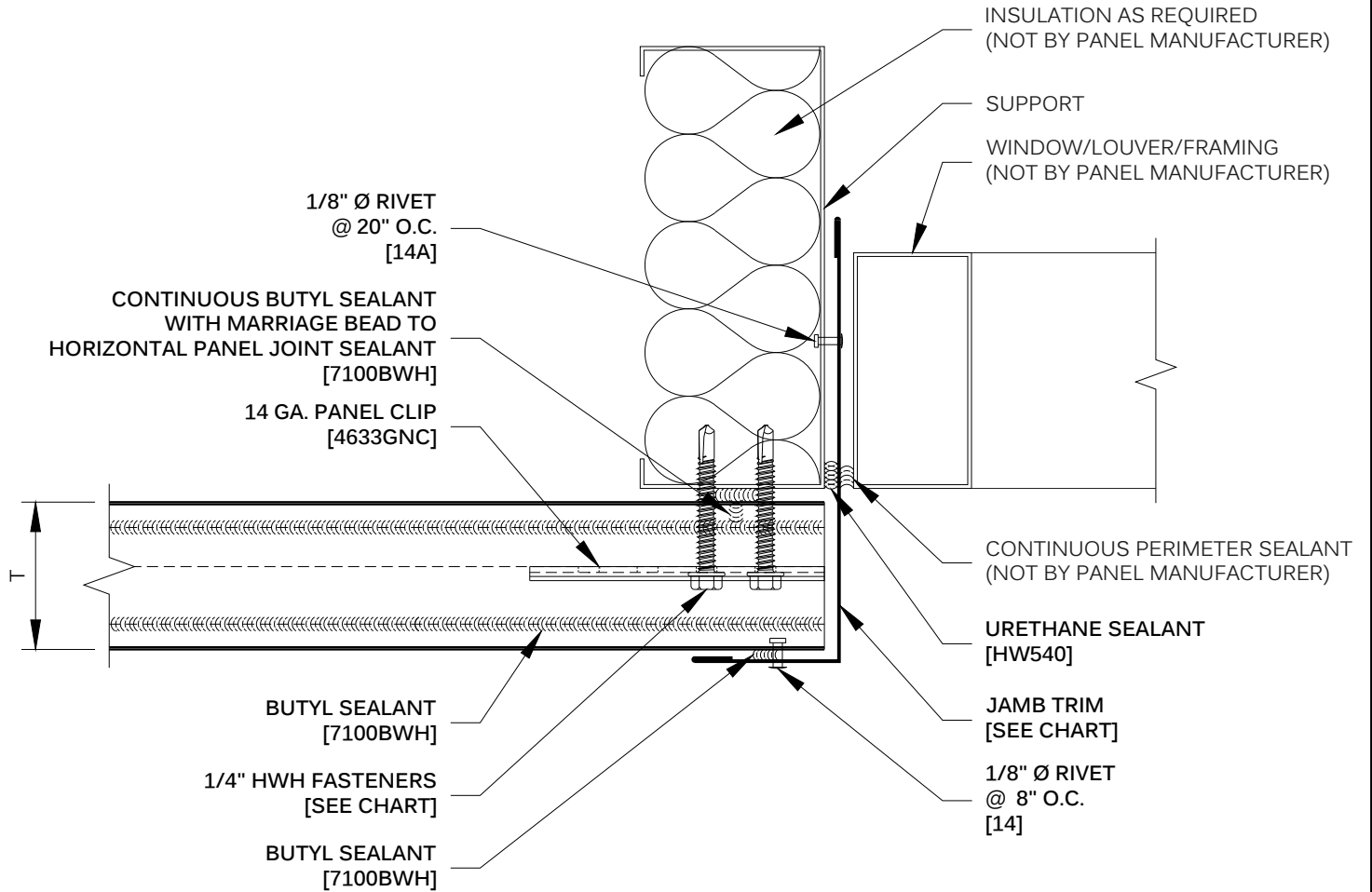
<b>ARCHITECTURAL</b>	<b>FRAMED OPENING JAMB - W/TWO PIECE TRIM</b>	<b>AR-CF-JB-01-A</b> DATE: Jul '19
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REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	JAMB TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5402	1616PNC	1724PNC	1816PNC
2.5"	F5404	1624PNC	1732PNC	1824PNC
3"	F5408	1624PNC	1732PNC	1824PNC
4"	F5410	1632PNC	1740PNC	1832PNC

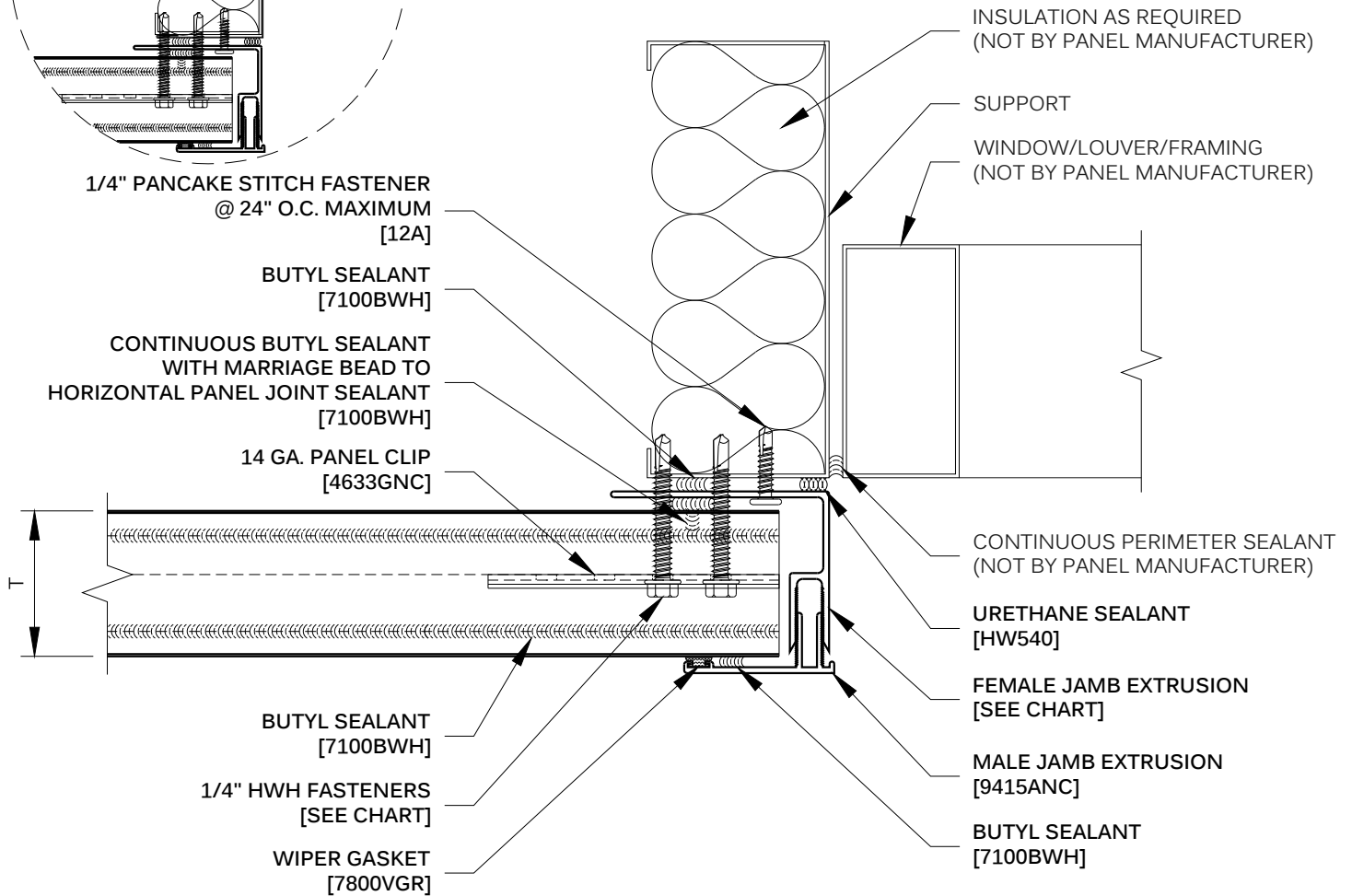
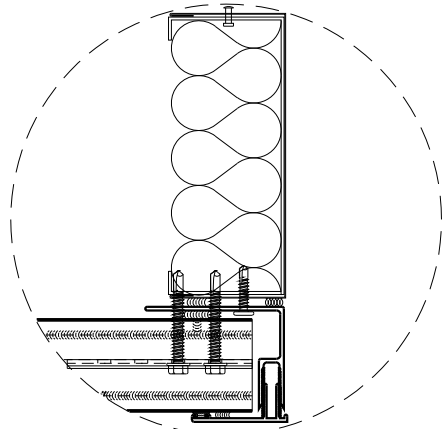
<b>ARCHITECTURAL</b>	<b>FRAMED OPENING JAMB - TRIMLESS END W/GASKETED REVEAL</b>	<b>AR-CF-JB-02-A</b> DATE: Jul '19
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REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

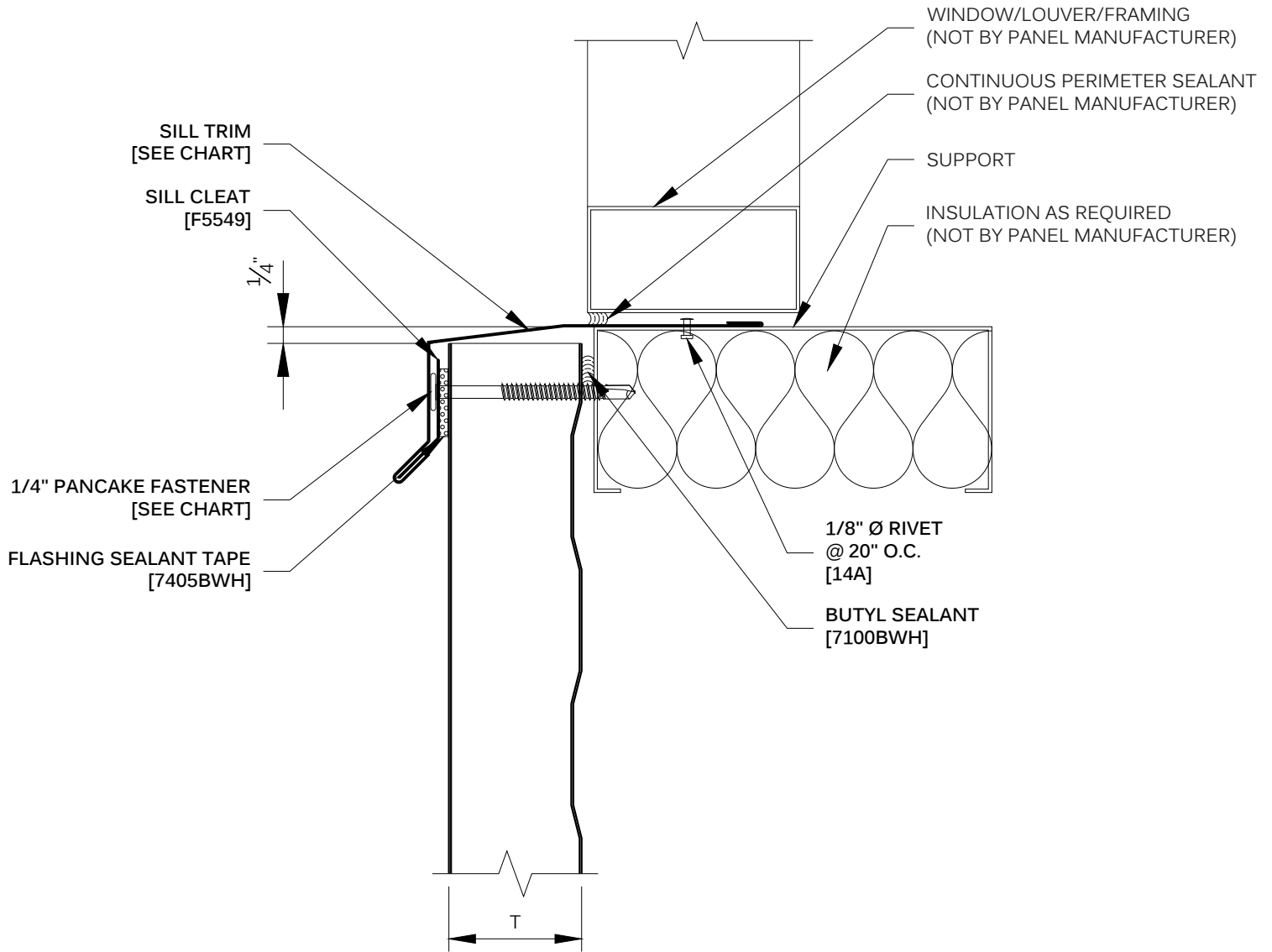
T	JAMB TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5390	1616PNC	1724PNC	1816PNC
2.5"	F5392	1624PNC	1732PNC	1824PNC
3"	F5396	1624PNC	1732PNC	1824PNC
4"	F5398	1632PNC	1740PNC	1832PNC
<b>ARCHITECTURAL</b>		<b>FRAMED OPENING JAMB - W/ONE PIECE TRIM</b>		<b>AR-CF-JB-03-A</b> DATE: Jul '19

**OH DOOR - JAMB WRAP**



REFER TO SHEET "CI-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.

T	FEMALE JAMB EXTRUSION	TYPE 3 THRU FASTENER	TEK 5 THRU FASTENER	TYPE B THRU FASTENER
2"	9420A	1424PNC	1732PNC	1824PNC
2.5"	9421A	1432PNC	1740PNC	1832PNC
3"	9422A	1432PNC	1740PNC	1832PNC
4"	9423A	1440PNC	1748PNC	1832PNC
<b>ARCHITECTURAL</b>		<b>FRAMED OPENING JAMB - W/TWO PIECE EXTRUSION</b>		<b>AR-CF-JB-04-A</b>
				DATE: Jul '19

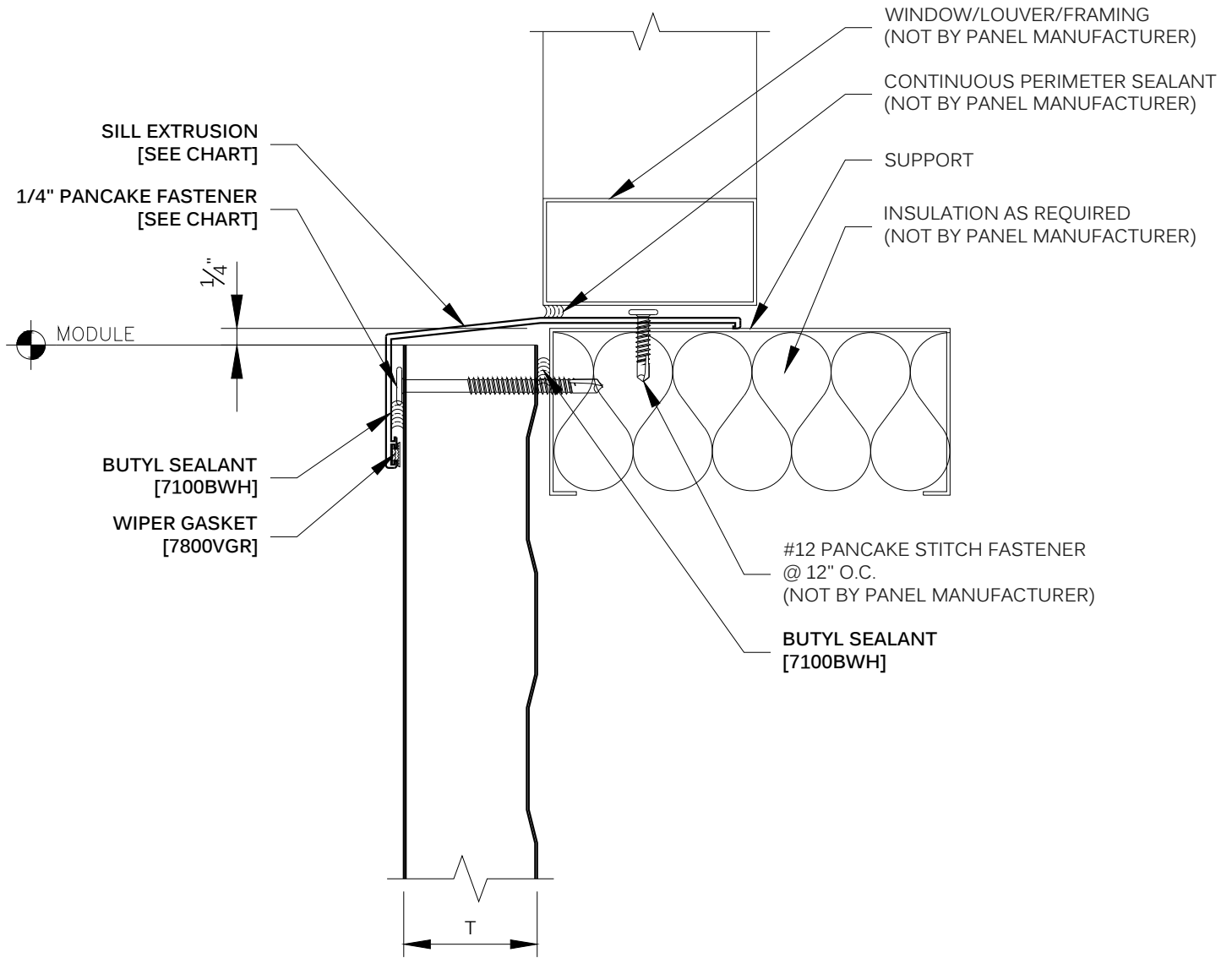


REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	SILL TRIM	TYPE 3 THRU FASTENER		
2"	F5551	1424PNC		
2.5"	F5553	1432PNC		
3"	F5557	1432PNC		
4"	F5559	1440PNC		

<b>ARCHITECTURAL</b>	<b>FRAMED OPENING SILL - OFF MODULE W/TRIM</b>	<b>AR-CF-SL-02-A</b> DATE: Jul '19
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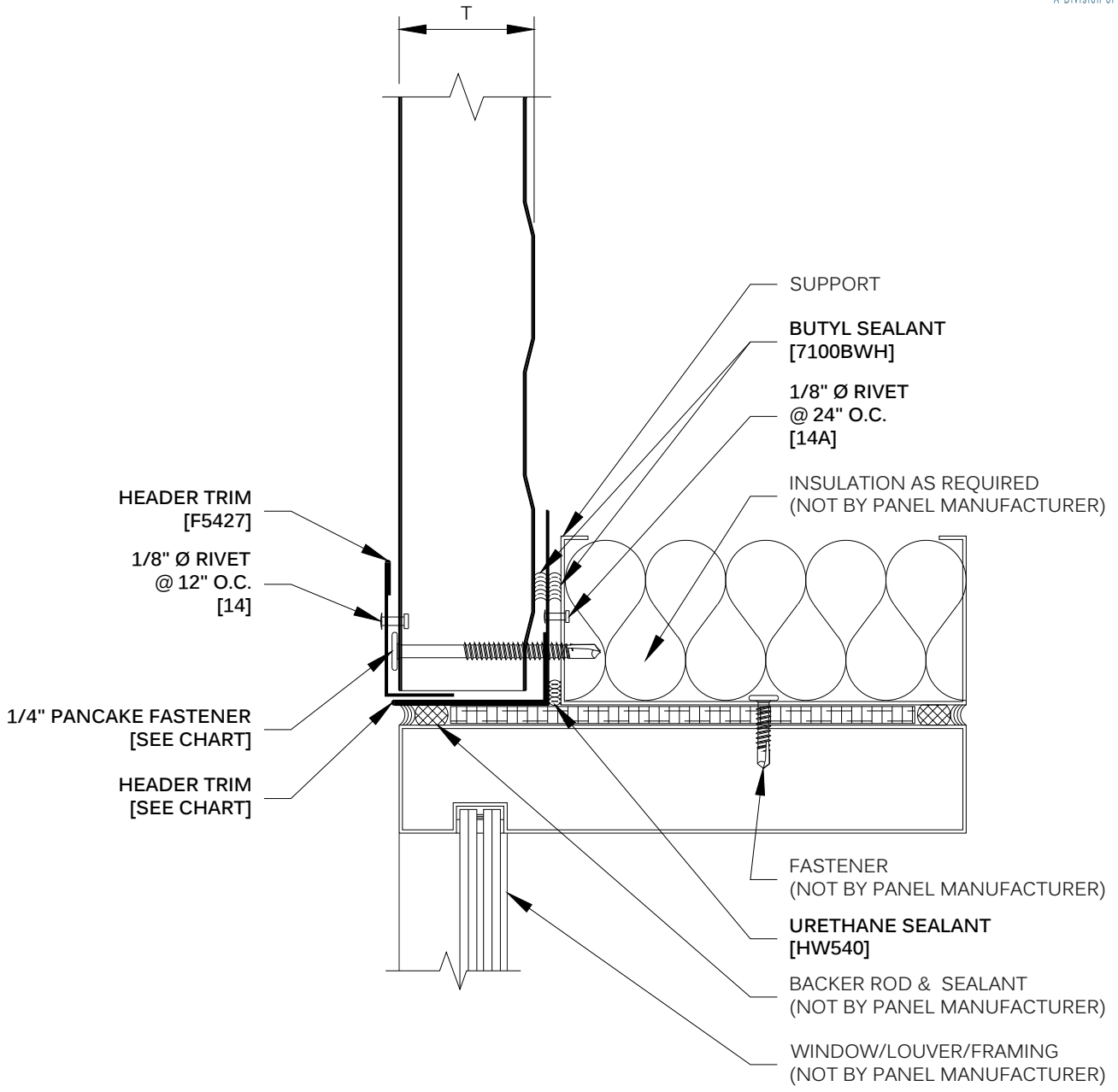




REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	SILL EXTRUSION	TYPE 3 THRU FASTENER		
2"	9413ANC	1424PNC		
2.5"	9413ANC	1432PNC		
3"	9413ANC	1432PNC		
4"	9412ANC	1440PNC		

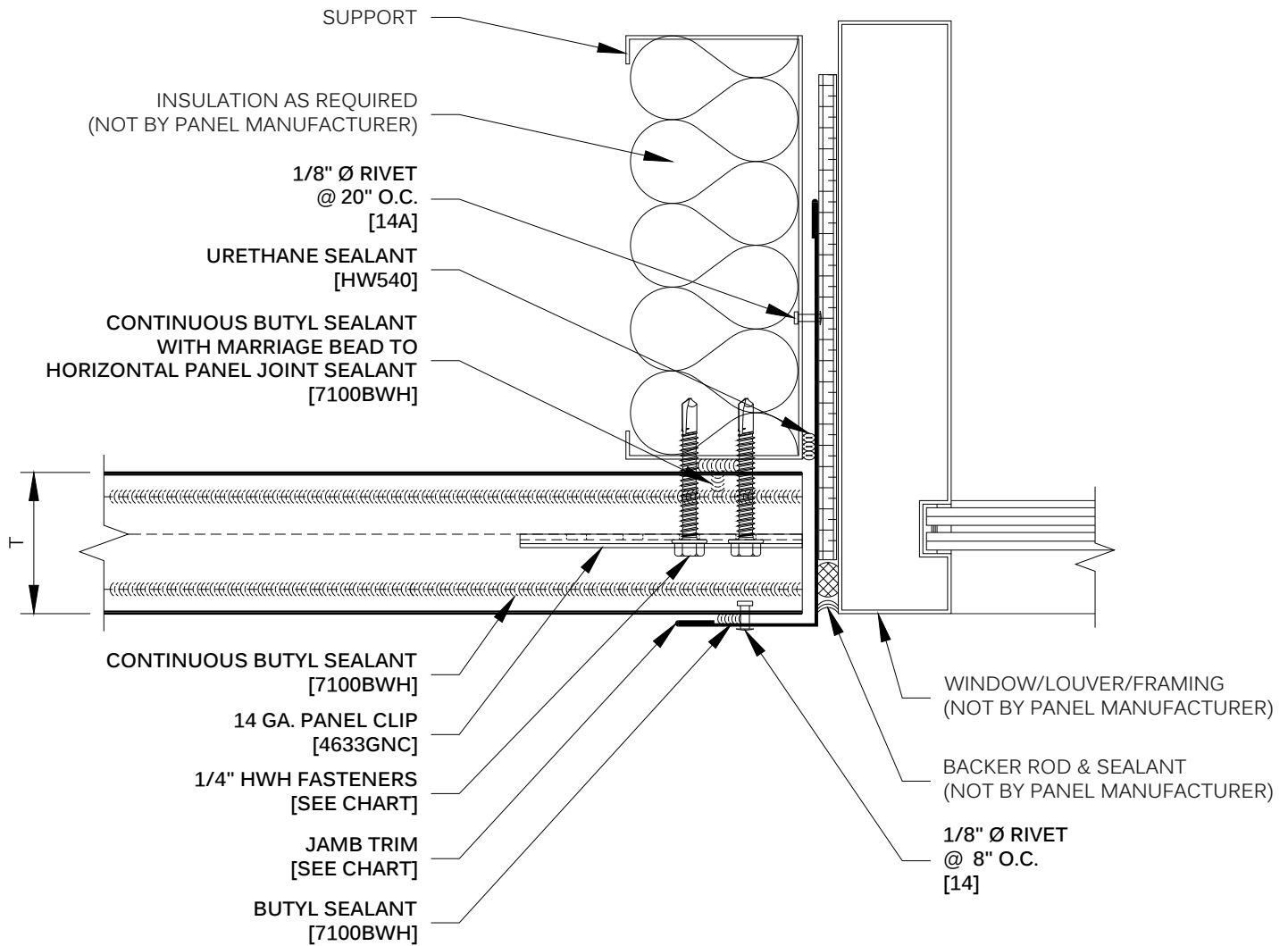
<b>ARCHITECTURAL</b>	<b>FRAMED OPENING SILL - OFF MODULE W/EXTRUSION</b>	<b>AR-CF-SL-03-A</b> DATE: Jul '19
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REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

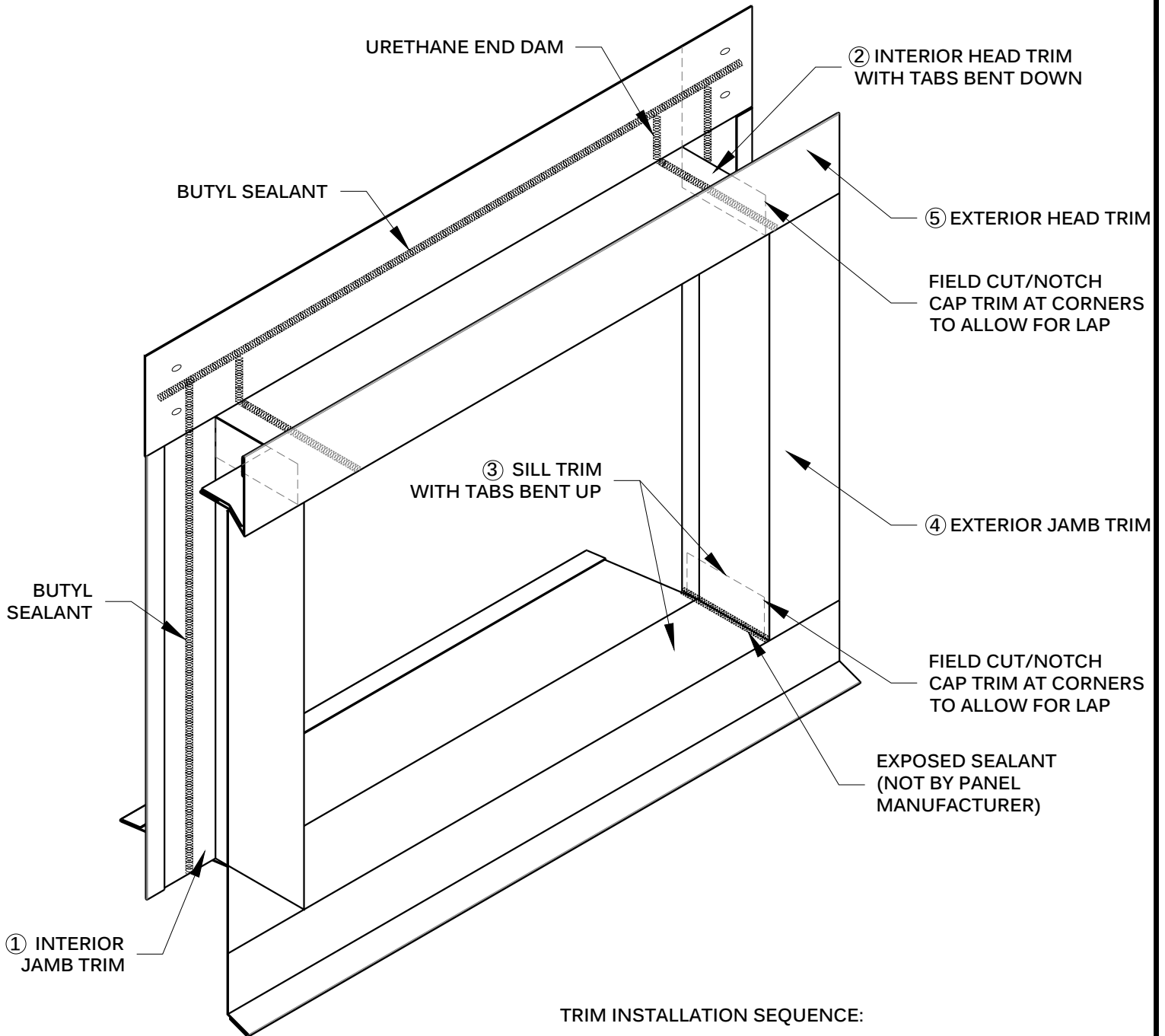
T	HEAD TRIM	TYPE 3 THRU FASTENER		
2"	F5442	1424PNC		
2.5"	F5442	1432PNC		
3"	F5443	1432PNC		
4"	F5443	1440PNC		

<b>ARCHITECTURAL</b>	<b>STOREFRONT HEAD - OFF MODULE</b>	<b>AR-CF-HD-05-A</b> DATE: Jul '19
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REFER TO SHEET "CI-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.

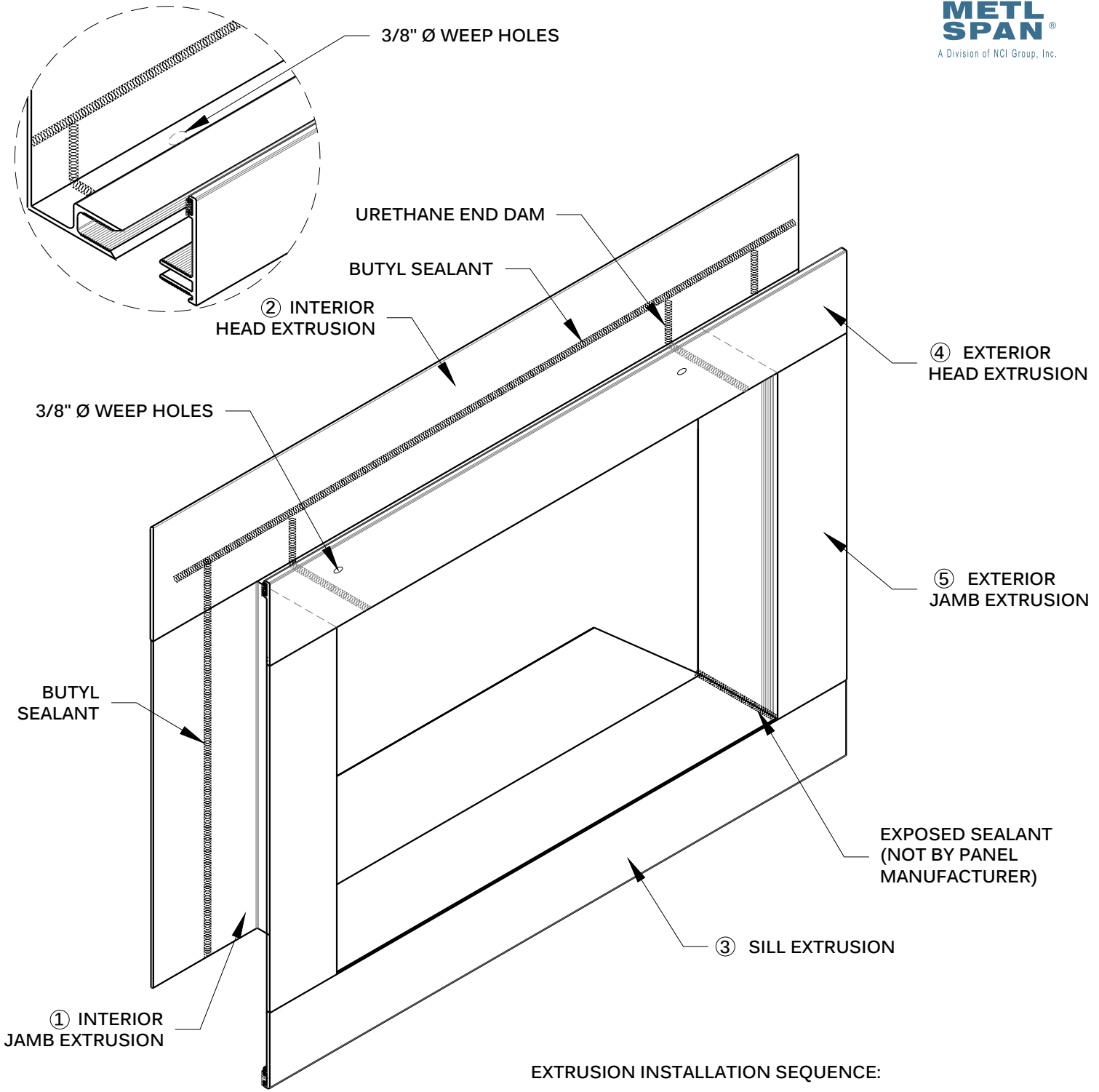
T	JAMB TRIM	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	F5390	1616PNC	1724PNC	1816PNC
2.5"	F5392	1624PNC	1732PNC	1824PNC
3"	F5396	1624PNC	1732PNC	1824PNC
4"	F5398	1632PNC	1740PNC	1832PNC
<b>ARCHITECTURAL</b>		<b>STOREFRONT JAMB - W/TRIM</b>		<b>AR-CF-JB-05-A</b>
				DATE: Jul '19



**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

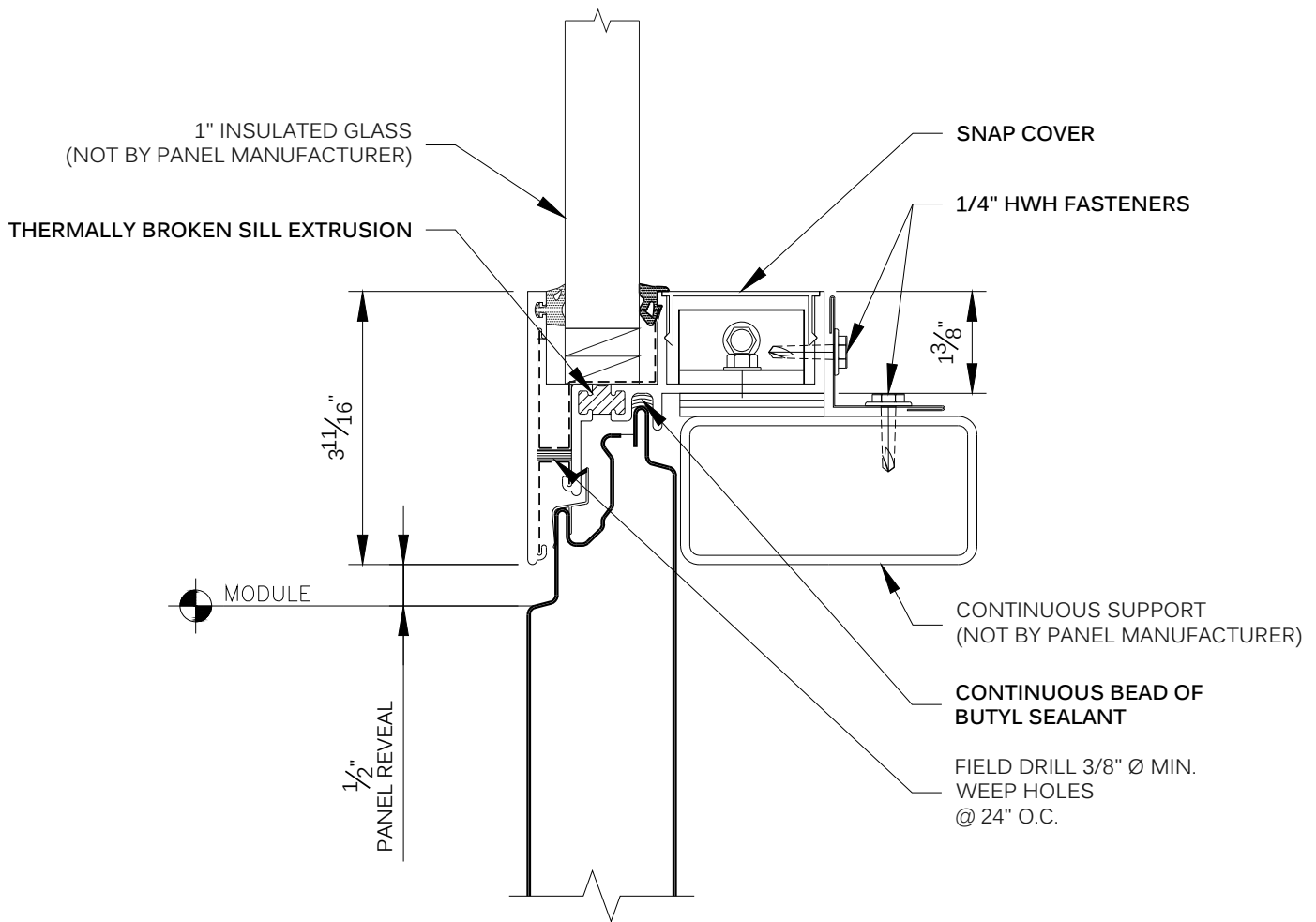
**NOTE:**  
WINDOWS MUST BE RECESSED

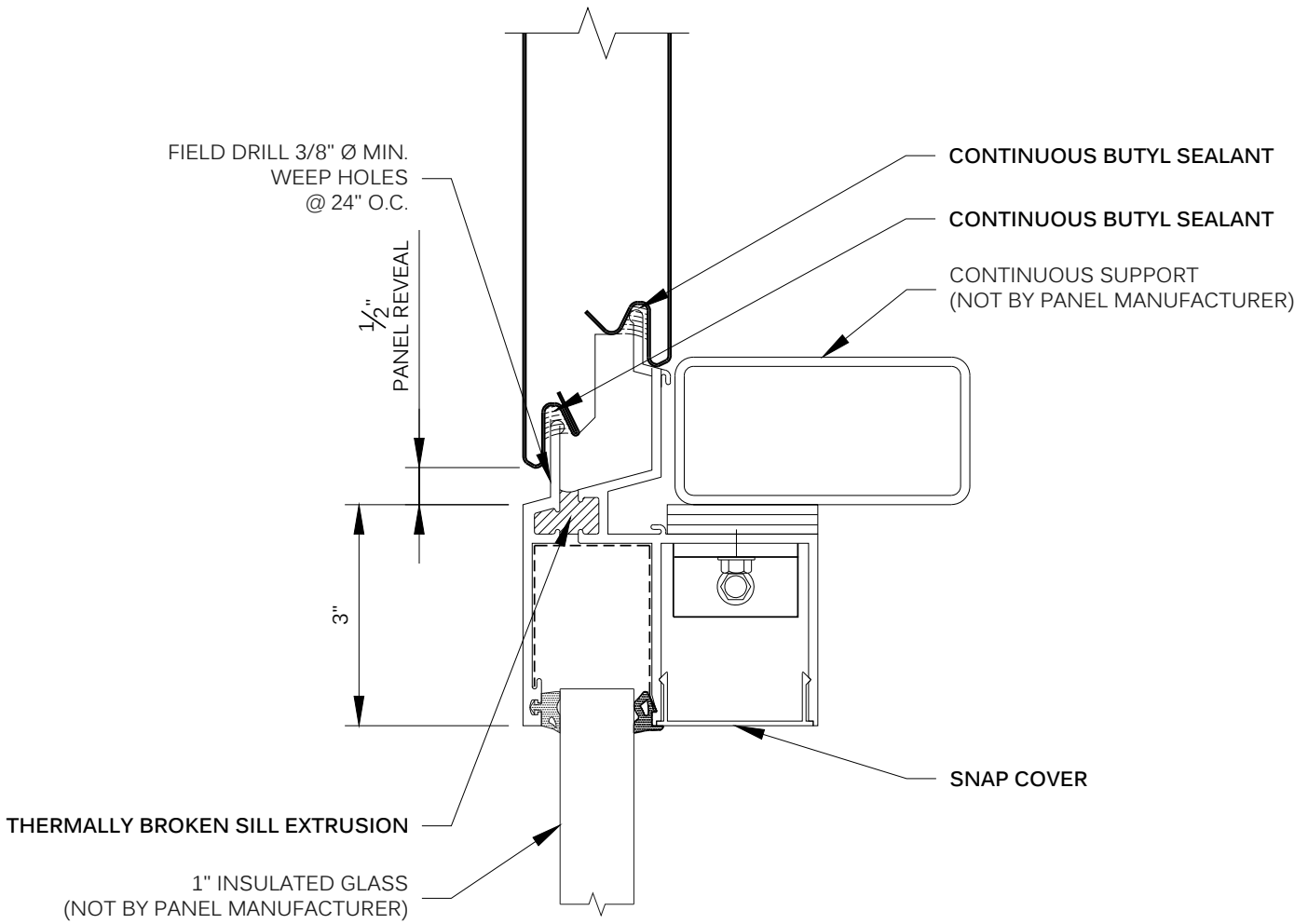


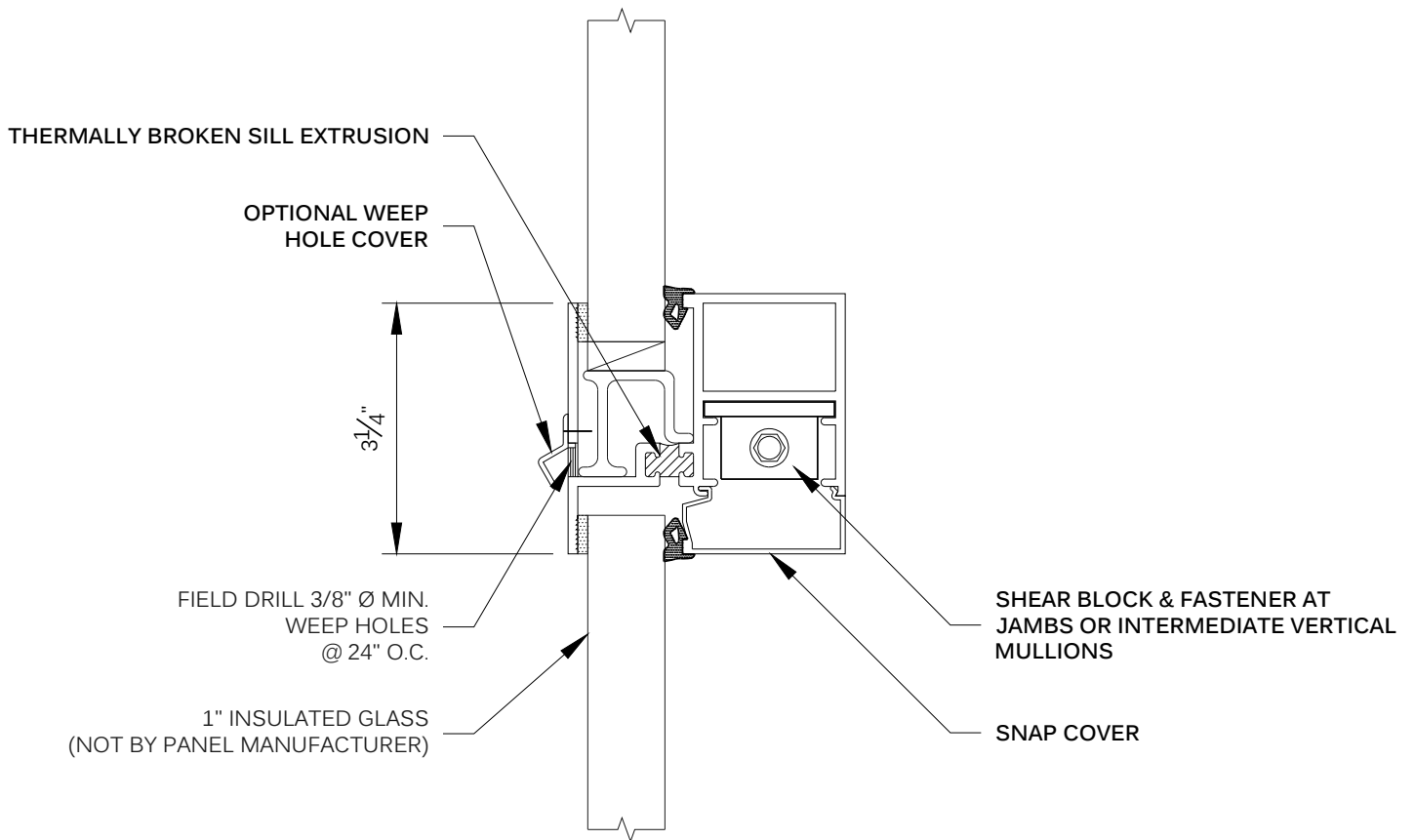
EXTRUSION INSTALLATION SEQUENCE:

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

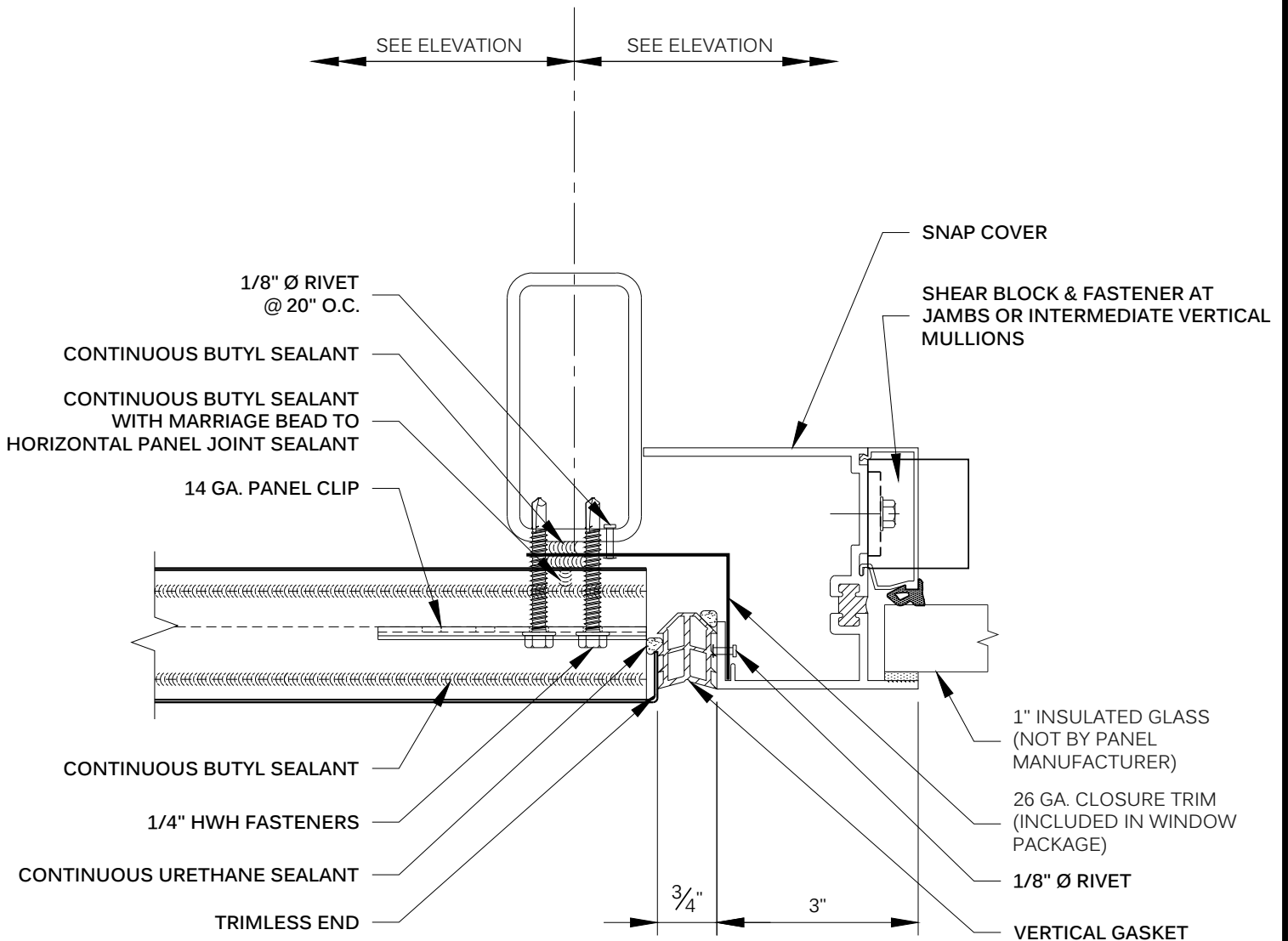
NOTE:  
WINDOWS MUST BE RECESSED









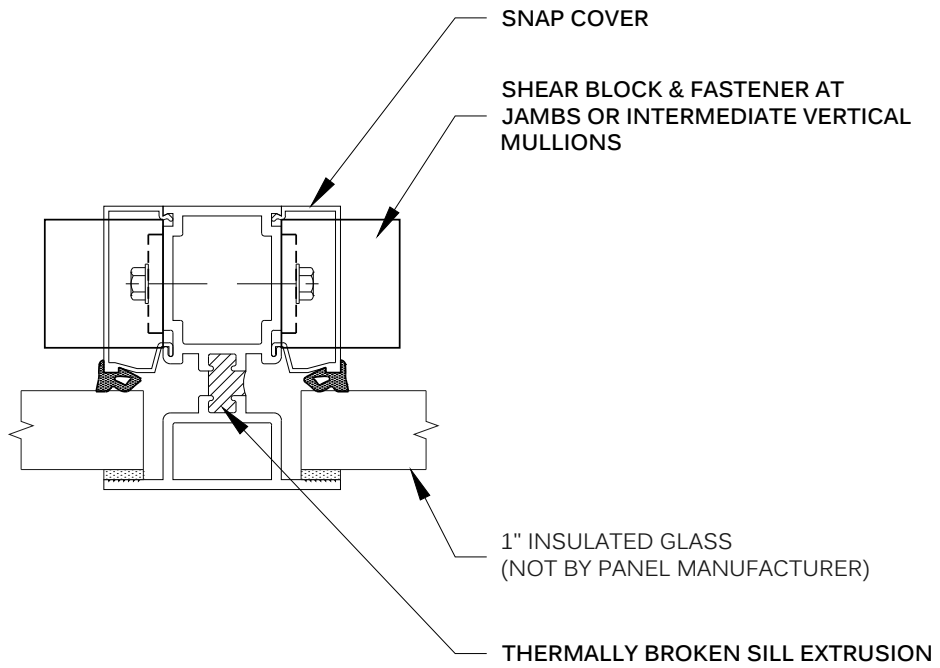


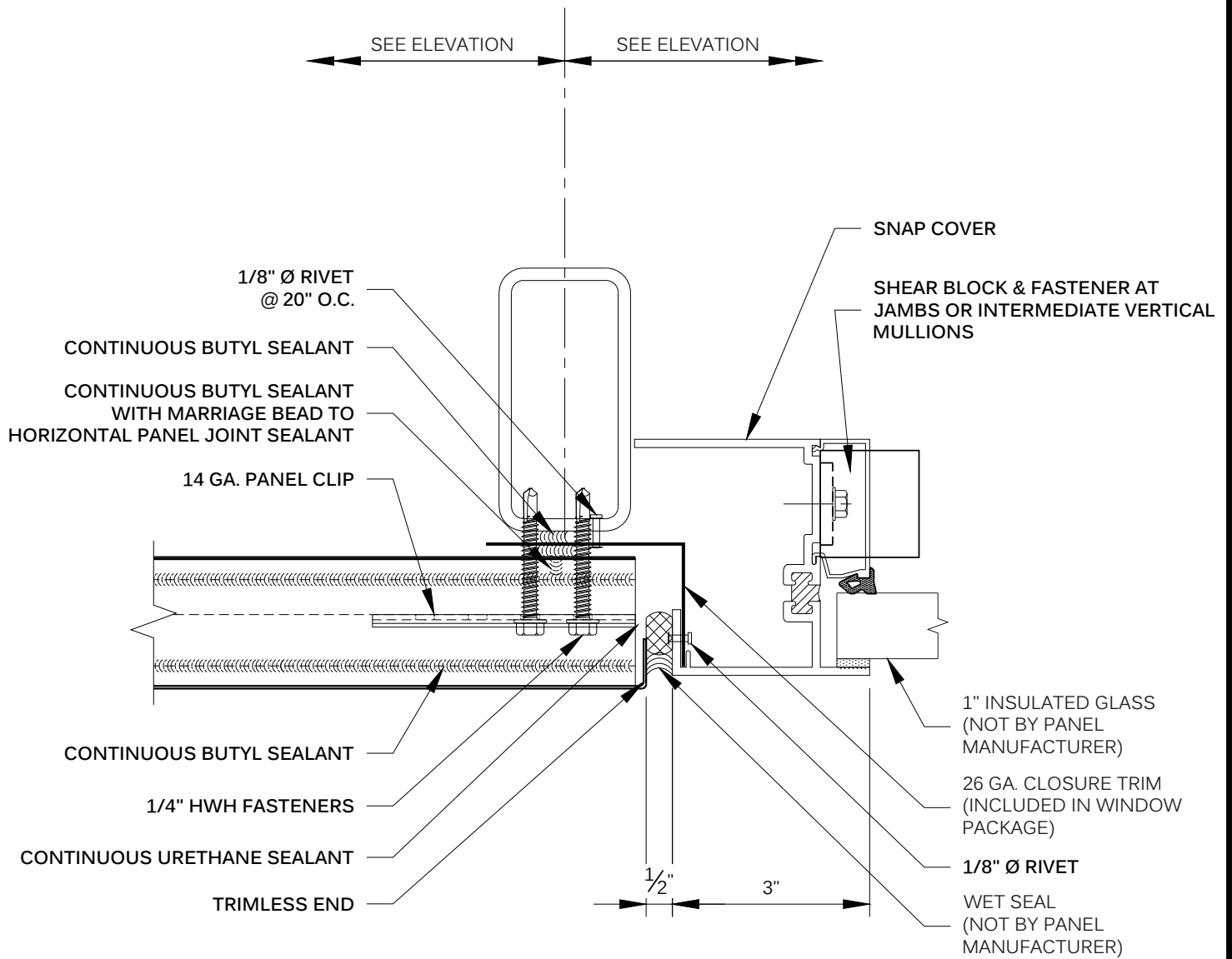
ARCHITECTURAL

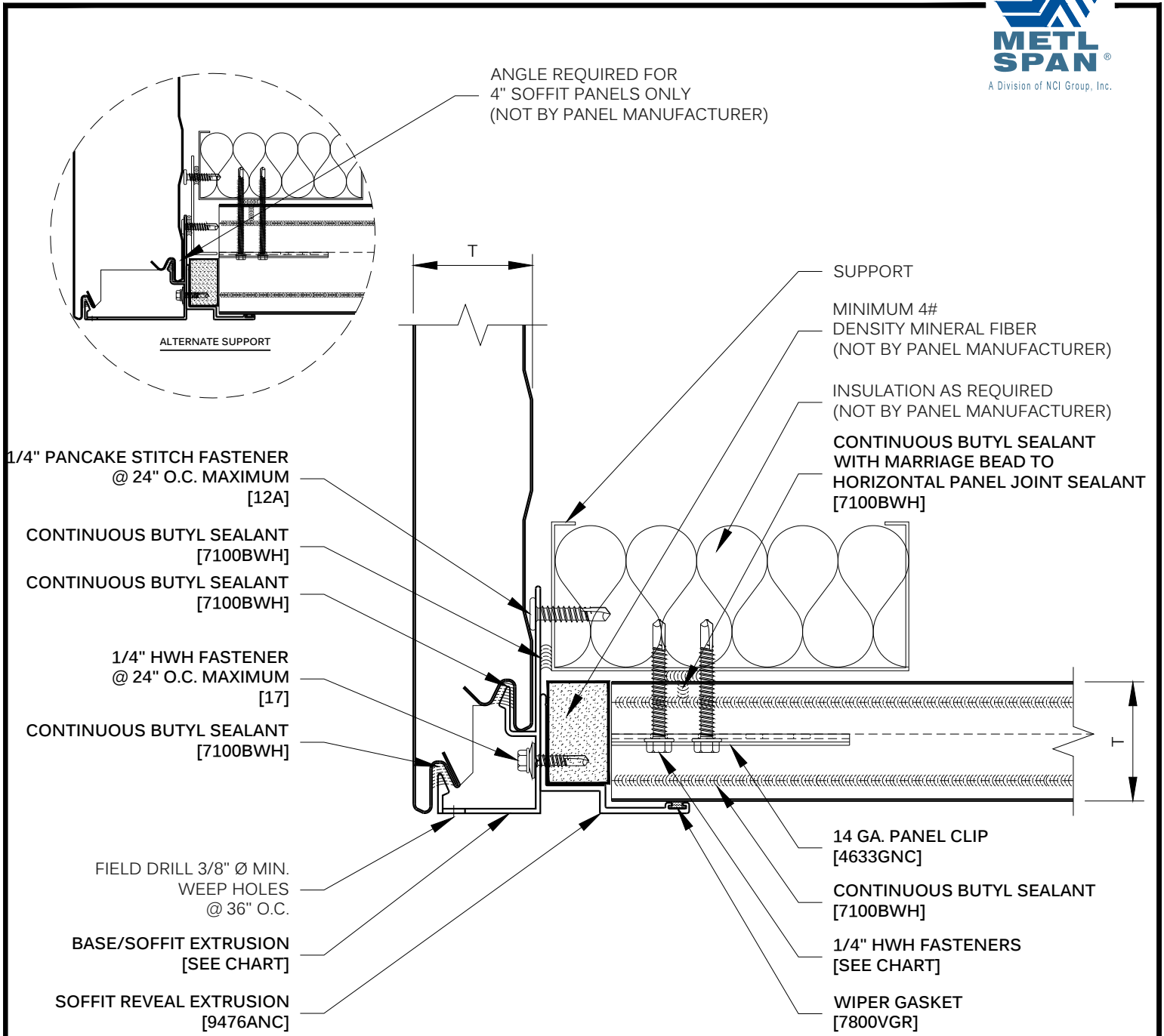
METL-VISION -  
JAMB W/GASKET

AR-CF-AS-06

DATE: Jul '19



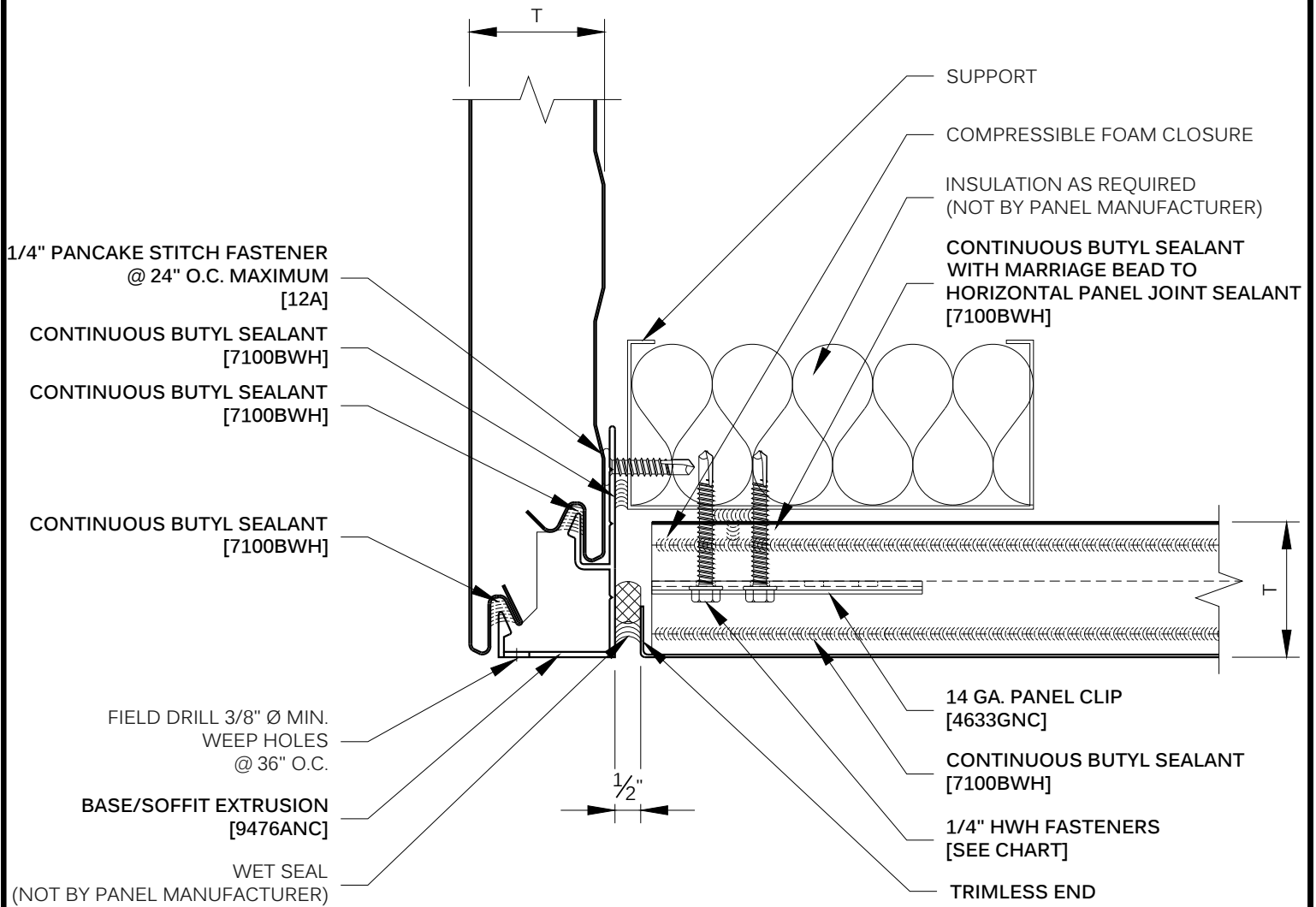




REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	BASE/HEAD EXTRUSION	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	9479ANC	1616PNC	1724PNC	1816PNC
2.5"	9478ANC	1624PNC	1732PNC	1824PNC
3"	9477ANC	1624PNC	1732PNC	1824PNC
4"	9475ANC	1632PNC	1740PNC	1832PNC

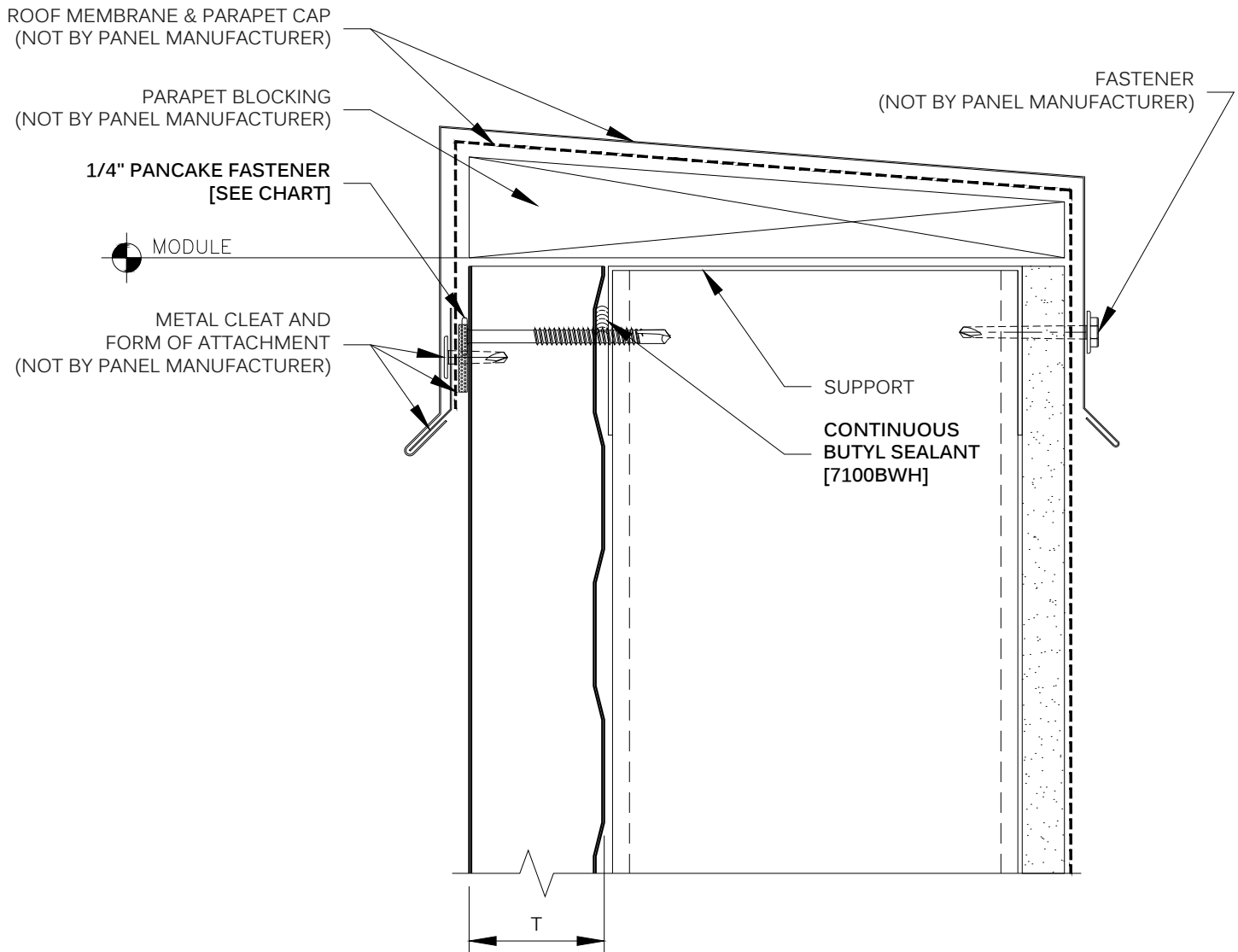
ARCHITECTURAL	SOFFIT - W/REVEAL, EXTRUSIONS	AR-CF-SO-01-A DATE: Jul '19
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REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

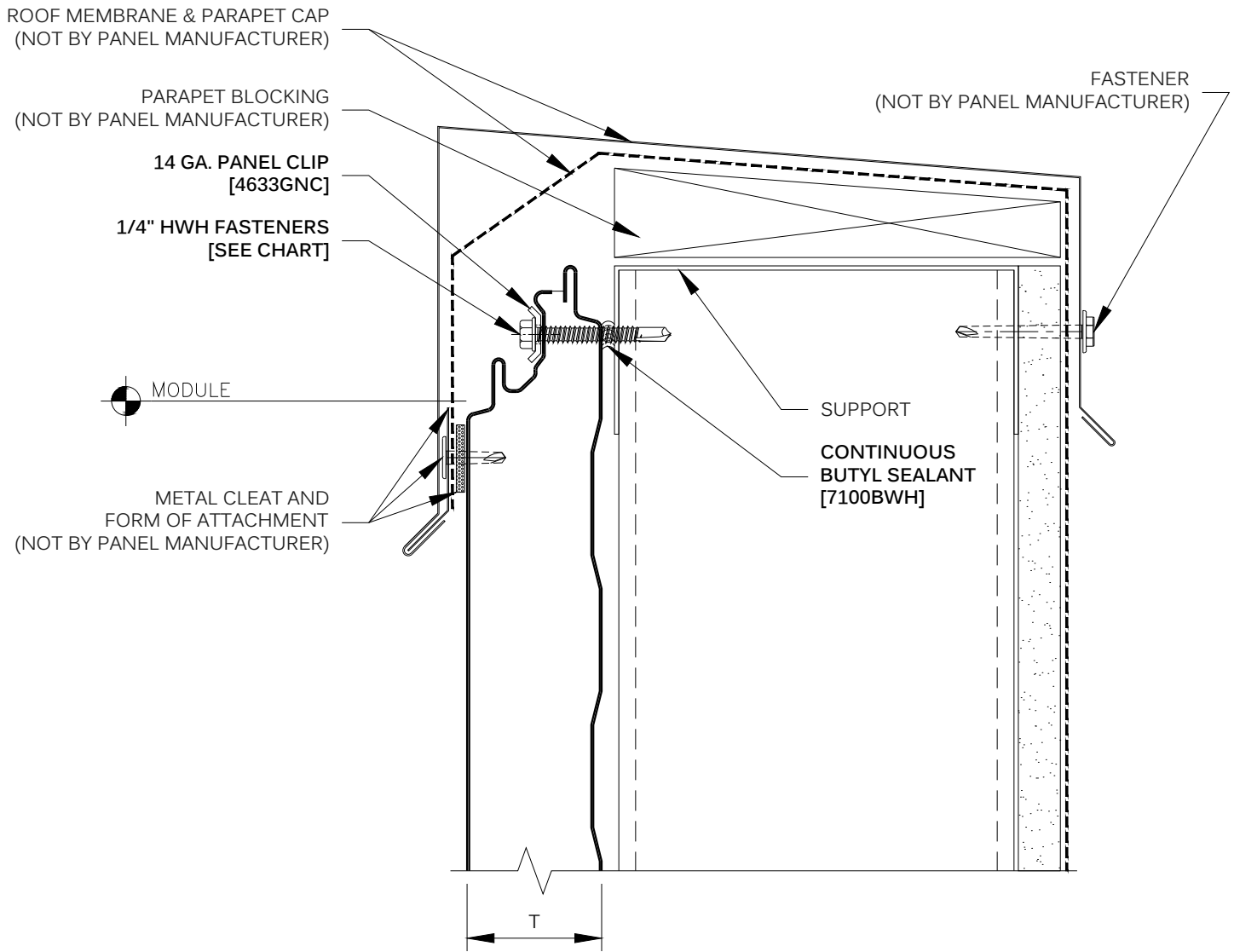
T	BASE/HEAD EXTRUSION	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER
2"	9479ANC	1616PNC	1724PNC	1816PNC
2.5"	9478ANC	1624PNC	1732PNC	1824PNC
3"	9477ANC	1624PNC	1732PNC	1824PNC
4"	9475ANC	1632PNC	1740PNC	1832PNC

<b>ARCHITECTURAL</b>	<b>SOFFIT - TRIMLESS ENDS ON SOFFIT PANELS W/WET SEAL</b>	<b>AR-CF-SO-02-A</b> DATE: Jul '19
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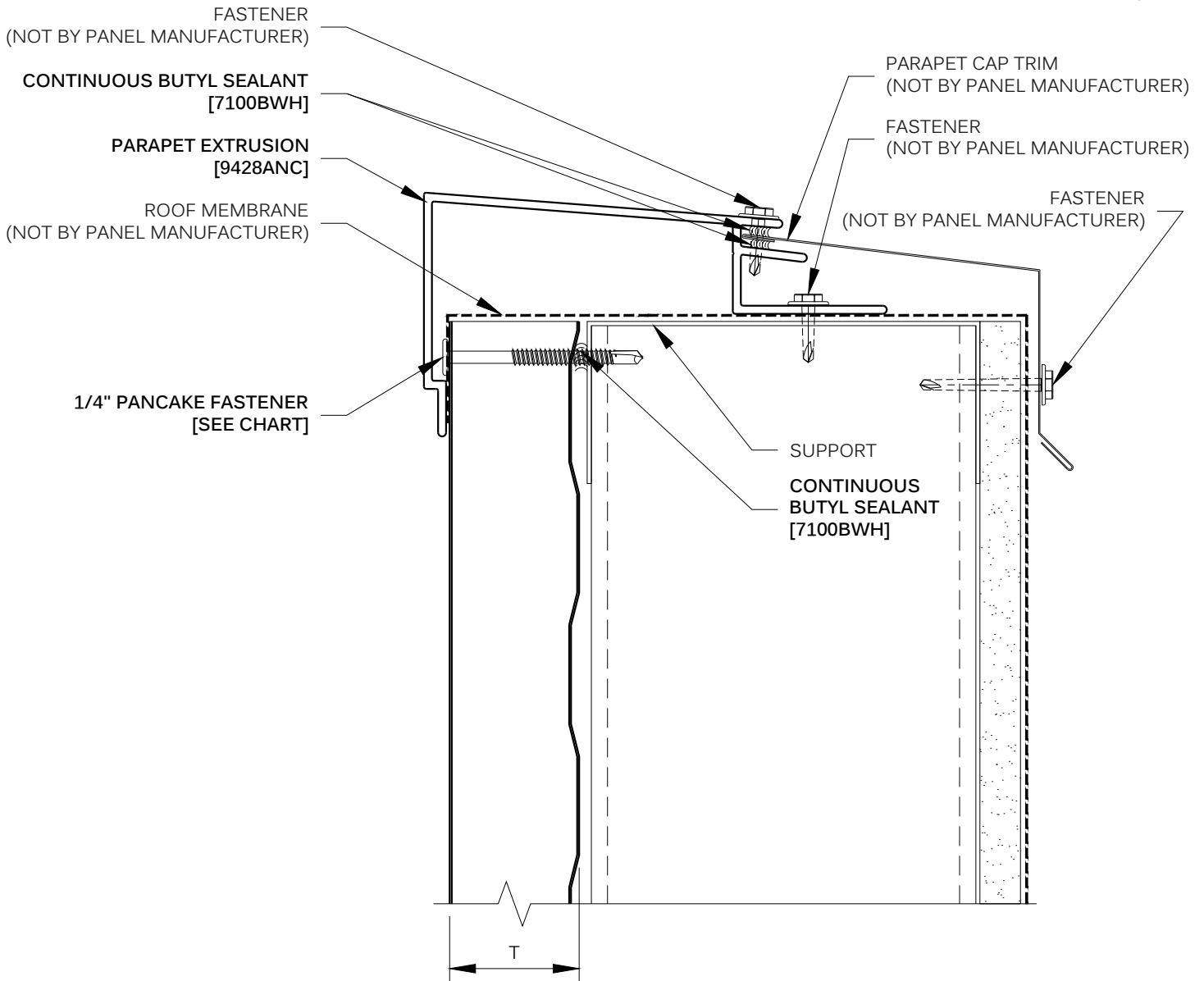
REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

T	TYPE 3 THRU FASTENER			
2"	1424PNC			
2.5"	1432PNC			
3"	1432PNC			
4"	1440PNC			
ARCHITECTURAL		PARAPET (SUPPORTED) - OFF MODULE W/TRIM		AR-CF-PT-01-A DATE: Jul '19



REFER TO SHEET "CI-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.

T	TYPE 3 CLIP FASTENER	TYPE 5 CLIP FASTENER	TYPE B CLIP FASTENER	
2"	1616PNC	1724PNC	1816PNC	
2.5"	1624PNC	1732PNC	1824PNC	
3"	1624PNC	1732PNC	1824PNC	
4"	1632PNC	1740PNC	1832PNC	
<b>ARCHITECTURAL</b>		<b>PARAPET (SUPPORTED) - W/TRIM</b>		<b>AR-CF-PT-02-A</b>
				DATE: Jul '19

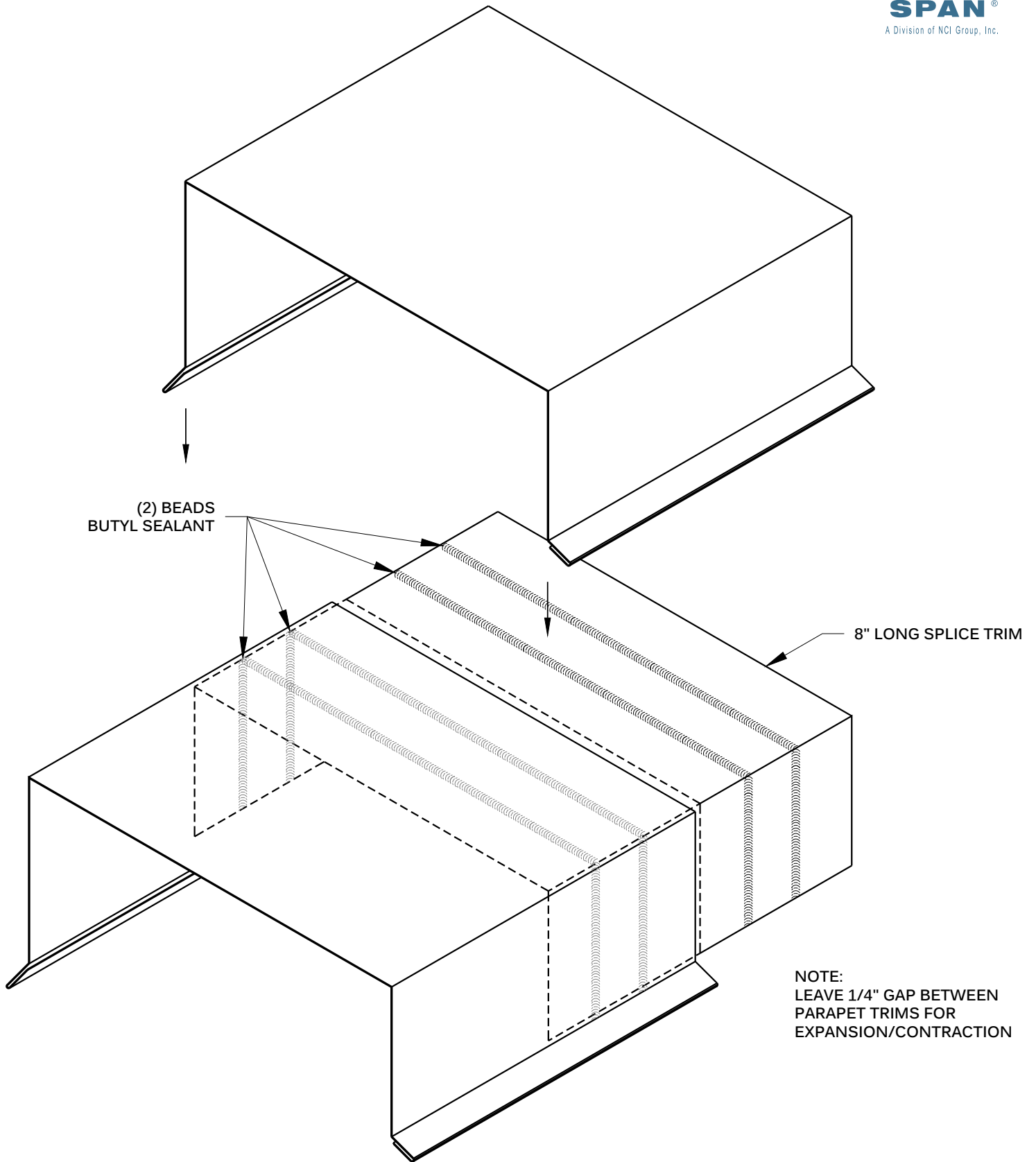


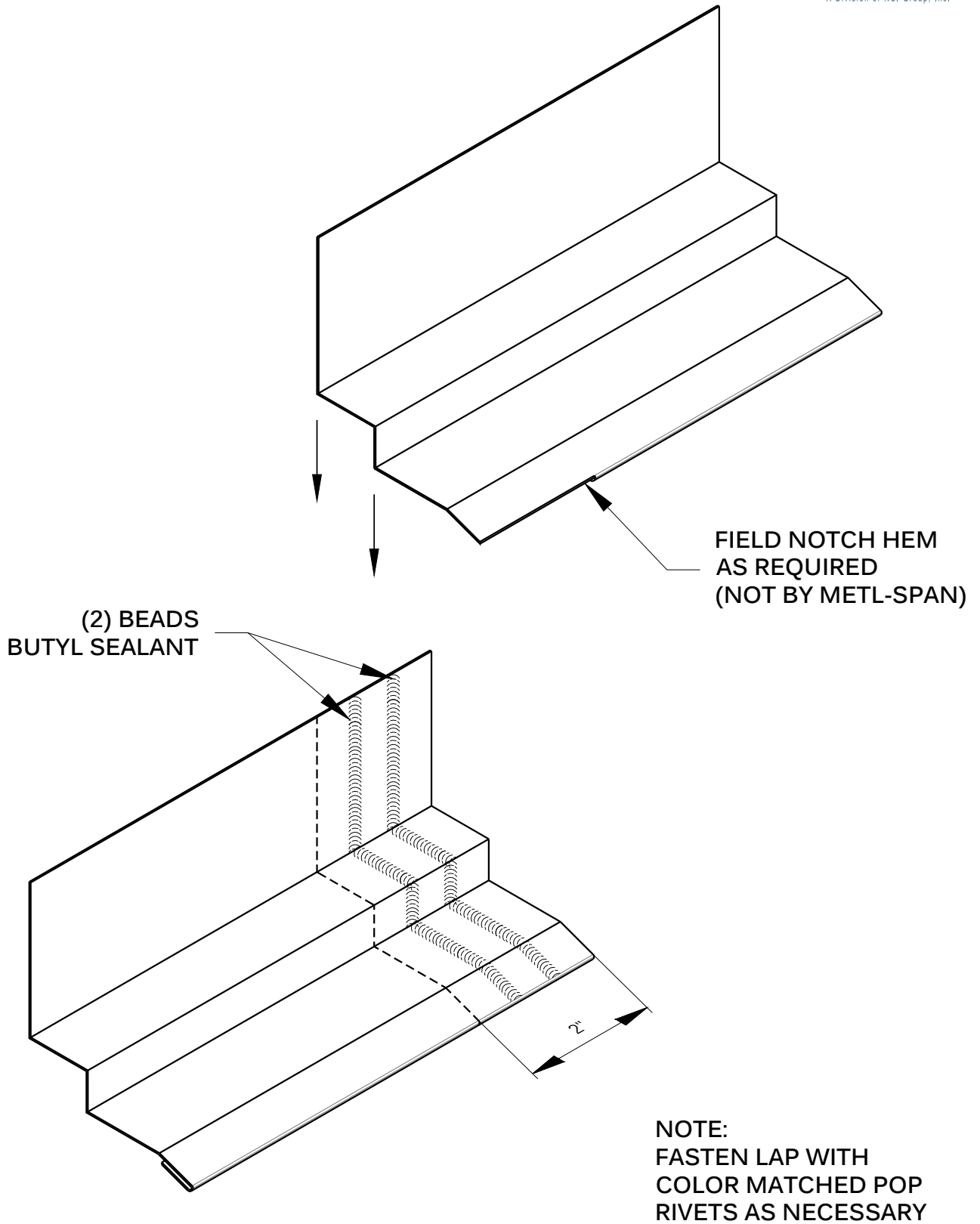
REFER TO SHEET "CI-CF-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS, AND CLOSURE MATERIALS.  
CONSULT METL-SPAN TO DETERMINE ALLOWABLE LOAD AND SPACING OF ATTACHMENT FASTENERS.

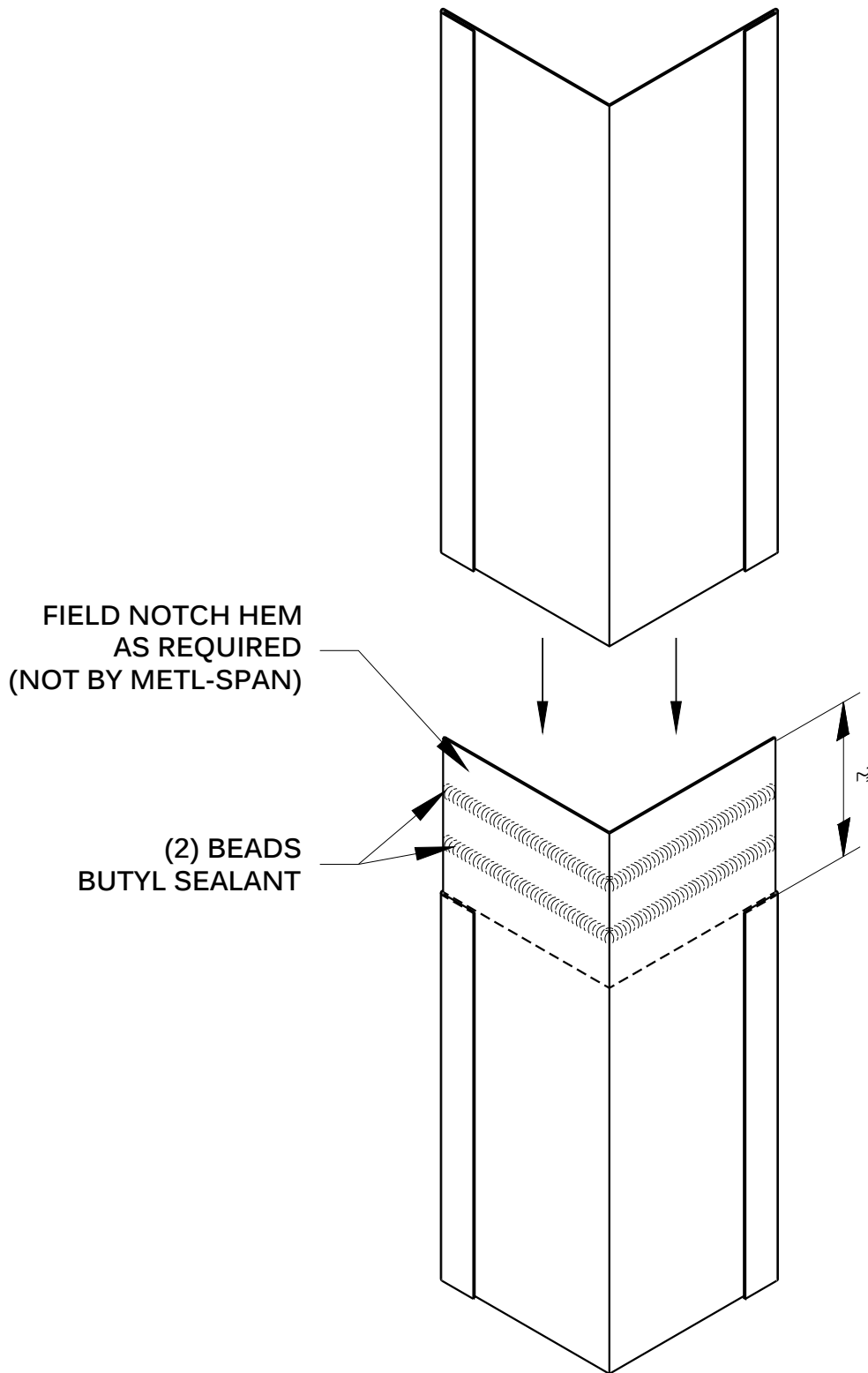
T	TYPE 3 THRU FASTENER			
2"	1424PNC			
2.5"	1432PNC			
3"	1432PNC			
4"	1440PNC			

<b>ARCHITECTURAL</b>	<b>PARAPET (SUPPORTED) - OFF MODULE W/EXTRUSION</b>	<b>AR-CF-PT-03-A</b> DATE: Jul '19
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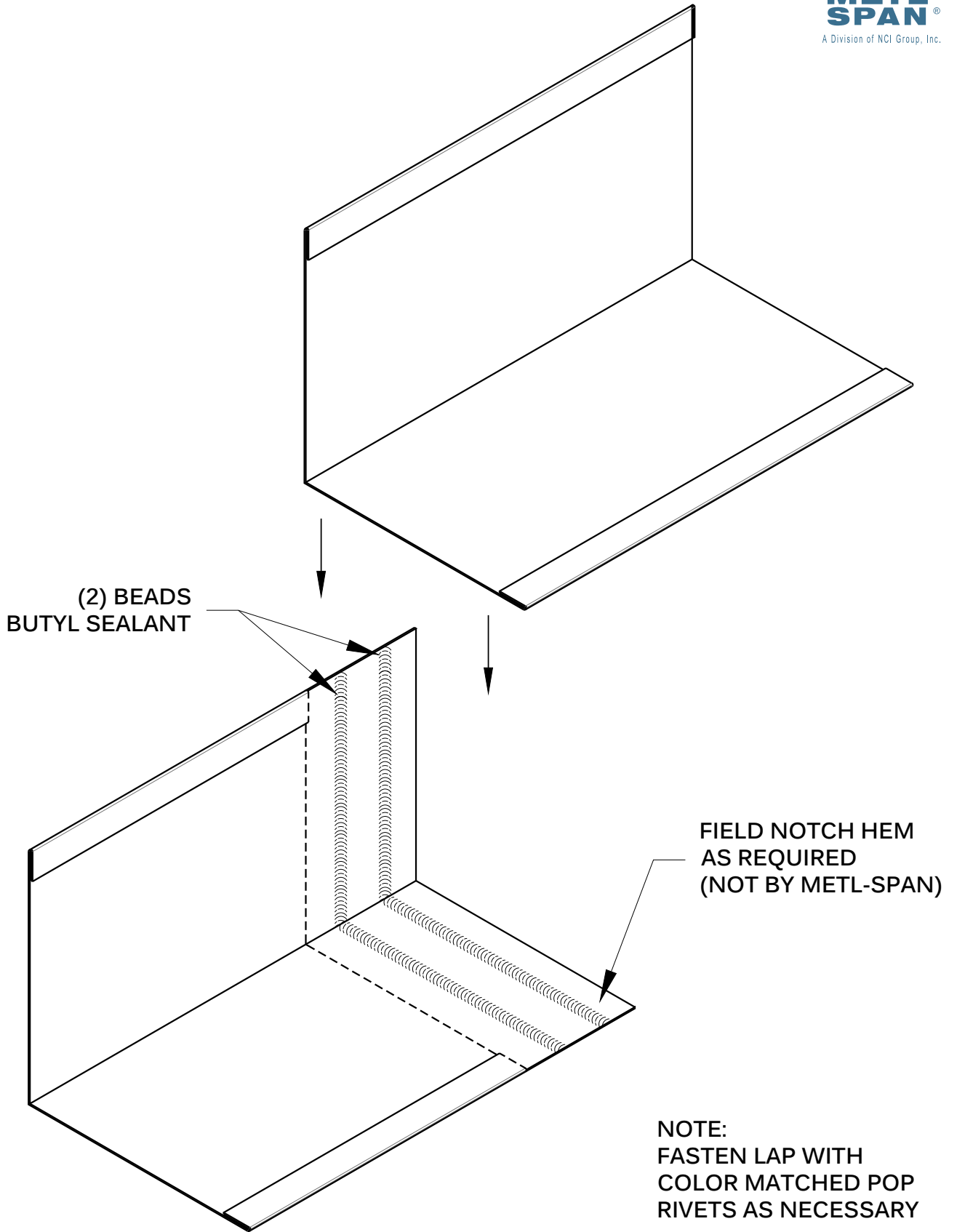
NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

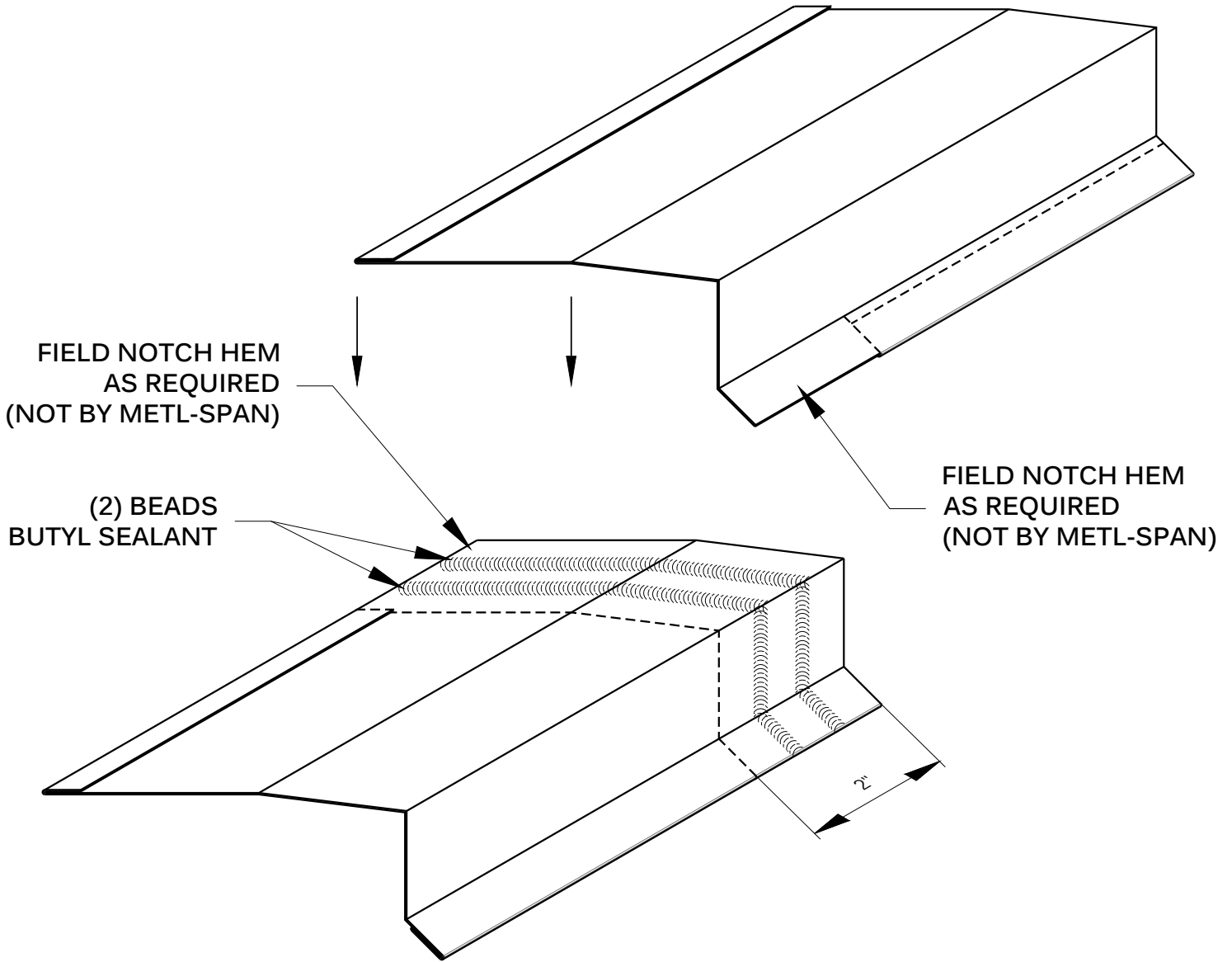
ARCHITECTURAL

TRIM END LAP -  
INTERIOR CORNER

AR-CF-EL-03

DATE: Jul '19





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

(2) BEADS  
BUTYL SEALANT

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

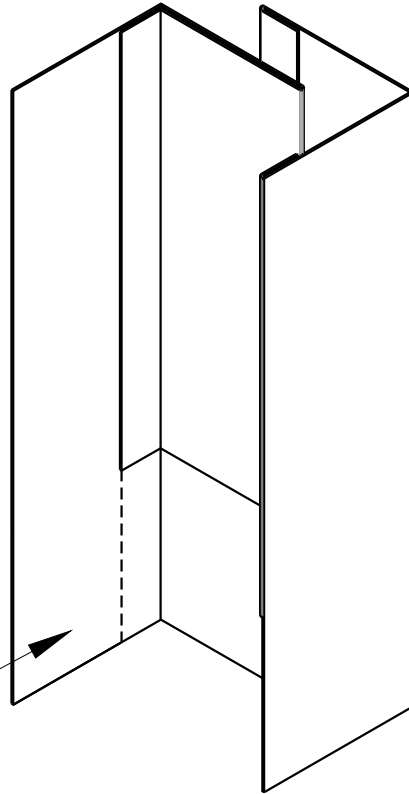
NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

ARCHITECTURAL

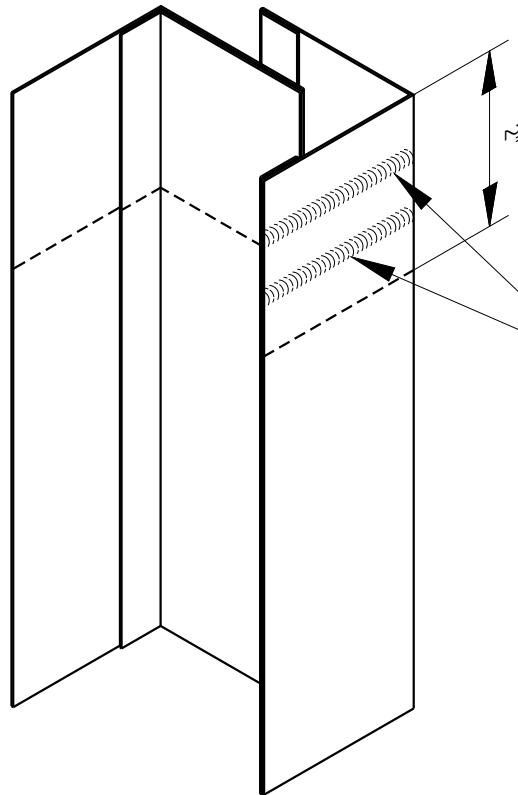
TRIM END LAP - SILL

AR-CF-EL-05

DATE: Jul '19



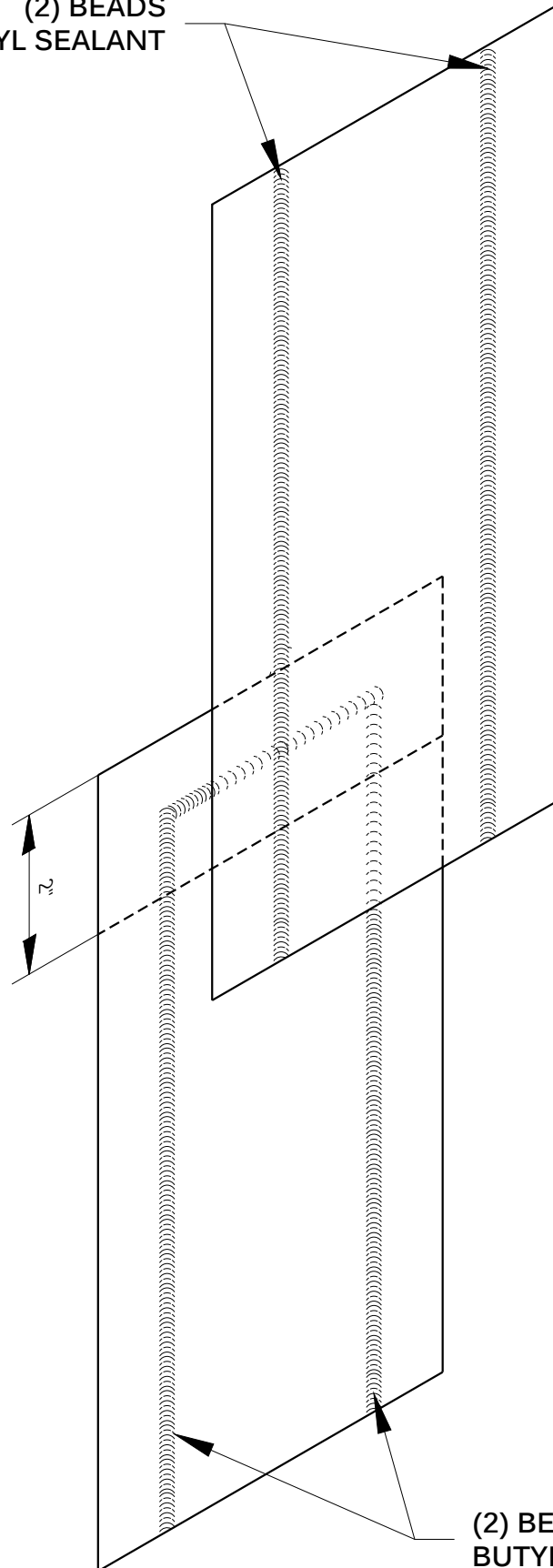
FIELD NOTCH HEM(S)  
AS REQUIRED  
(NOT BY METL-SPAN)



(2) BEADS  
BUTYL SEALANT

NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

(2) BEADS  
BUTYL SEALANT



NOTE:  
FASTEN LAP WITH  
COLOR MATCHED POP  
RIVETS AS NECESSARY

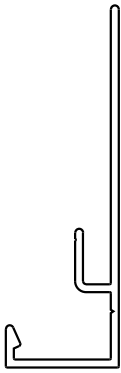
(2) BEADS  
BUTYL SEALANT

ARCHITECTURAL

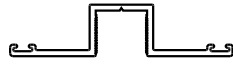
MENDING PLATE  
SHINGLE LAP

AR-CF-EL-07

DATE: Jul '19



2" BASE/HEAD EXTRUSION  
[9479ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

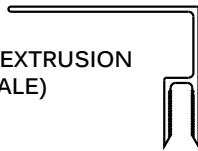


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

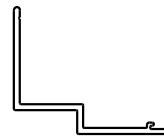
2" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9420ANC]



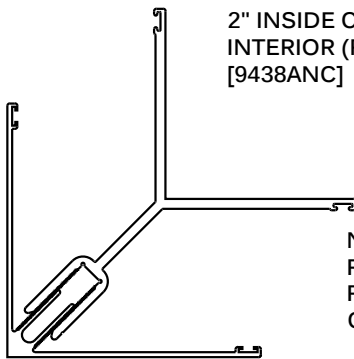
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



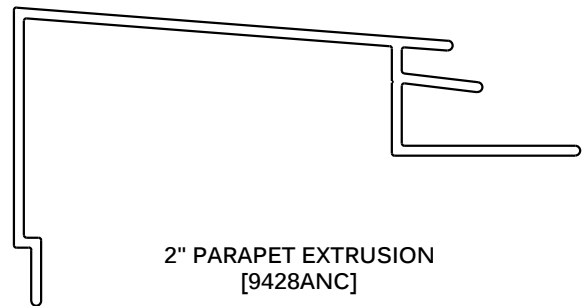
2" INSIDE CORNER  
INTERIOR (FEMALE)  
[9438ANC]



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

NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

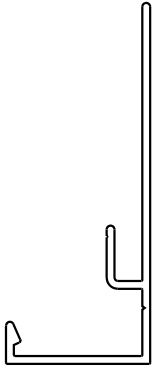
2" PARAPET EXTRUSION  
[9428ANC]



2" SILL EXTRUSION  
[9413ANC]







2.5" BASE/HEAD EXTRUSION  
[9478ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

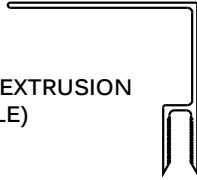


RECESSED  
INSERT  
[9449ANC]

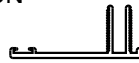


EPDM  
GASKET  
[7709NBK]

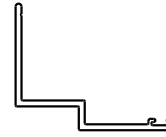
2.5" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9421ANC]



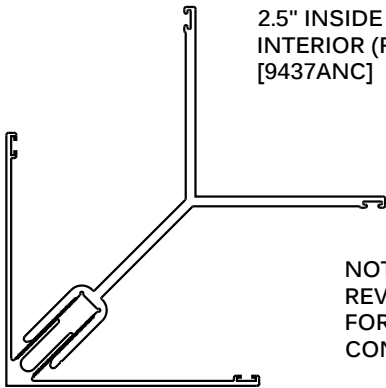
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



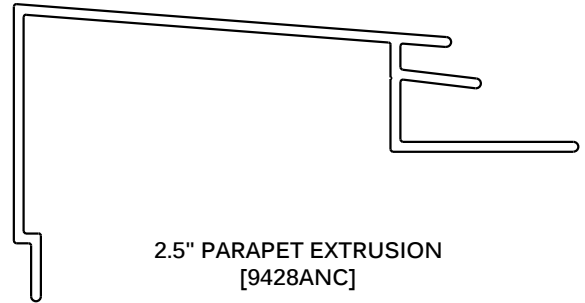
2.5" INSIDE CORNER  
INTERIOR (FEMALE)  
[9437ANC]



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

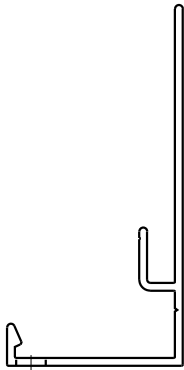
NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

2.5" PARAPET EXTRUSION  
[9428ANC]



2.5" SILL EXTRUSION  
[9413ANC]





3" BASE/HEAD EXTRUSION  
[9477ANC]



TOP HAT EXTRUSION  
[9447ANC]



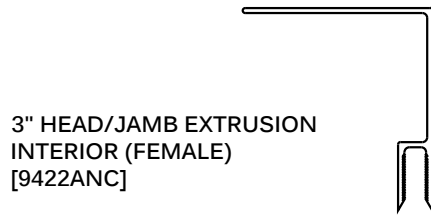
FLUSH  
INSERT  
[9448ANC]



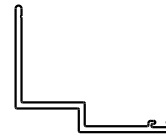
RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]



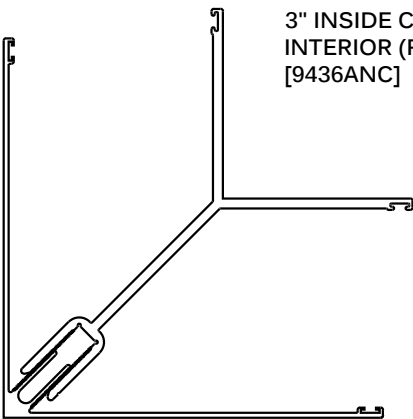
3" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9422ANC]



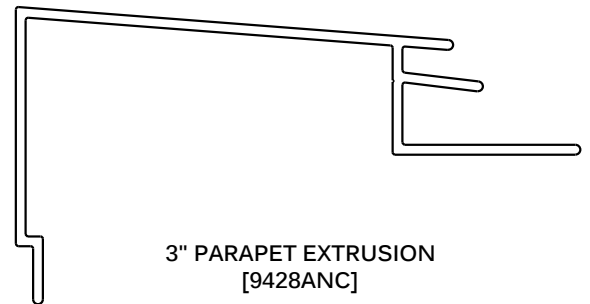
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



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



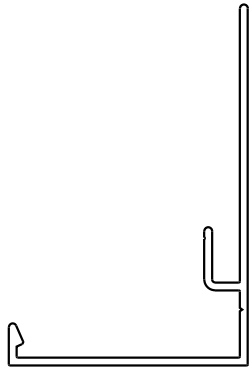
3" PARAPET EXTRUSION  
[9428ANC]

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

NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS



3" SILL EXTRUSION  
[9413ANC]



4" BASE/HEAD EXTRUSION  
[9475ANC]



TOP HAT EXTRUSION  
[9447ANC]



FLUSH  
INSERT  
[9448ANC]

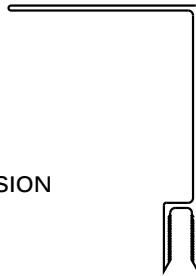


RECESSED  
INSERT  
[9449ANC]



EPDM  
GASKET  
[7709NBK]

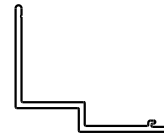
4" HEAD/JAMB EXTRUSION  
INTERIOR (FEMALE)  
[9423ANC]



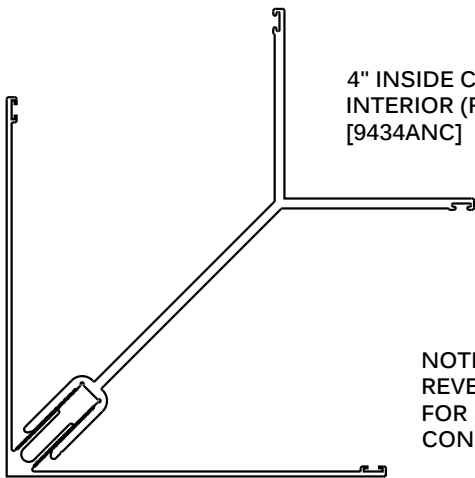
HEAD/JAMB EXTRUSION  
INTERIOR (MALE)  
[9415ANC]



SOFFIT REVEAL EXTRUSION  
[9476ANC]



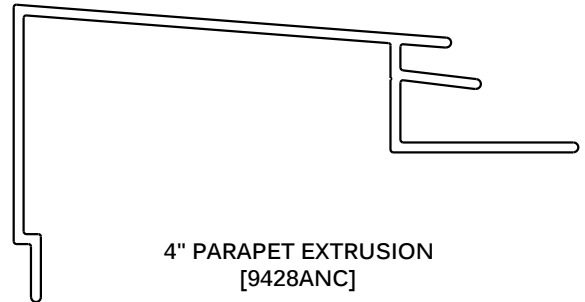
4" INSIDE CORNER  
INTERIOR (FEMALE)  
[9434ANC]



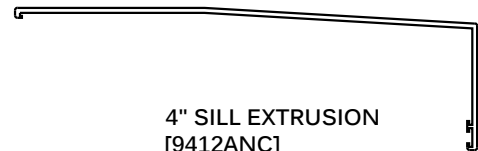
4" OUTSIDE CORNER  
EXTERIOR (MALE)  
[9429ANC]

NOTE:  
REVERSE EXTRUSIONS  
FOR INSIDE CORNER  
CONDITIONS

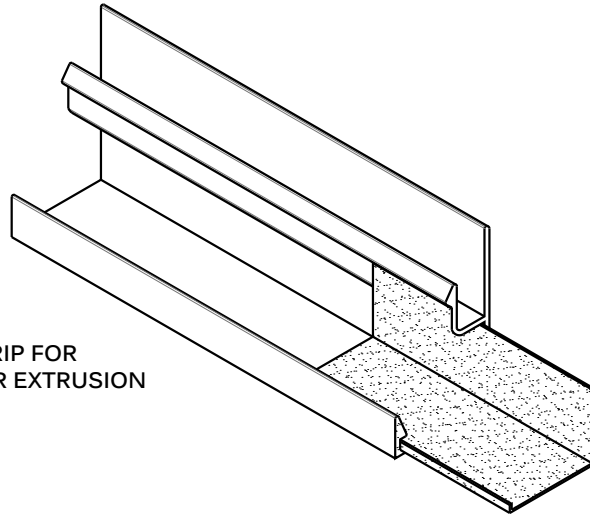
4" PARAPET EXTRUSION  
[9428ANC]



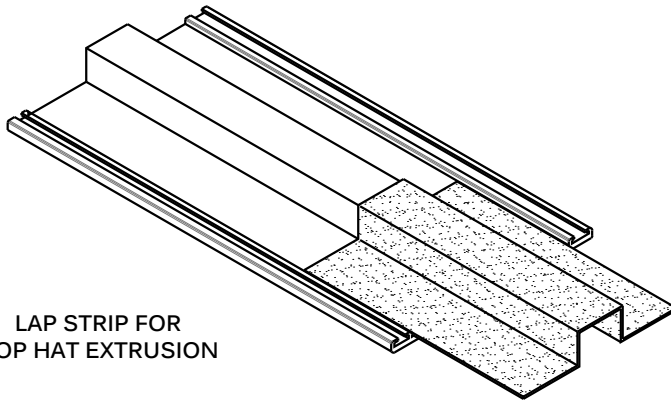
4" SILL EXTRUSION  
[9412ANC]



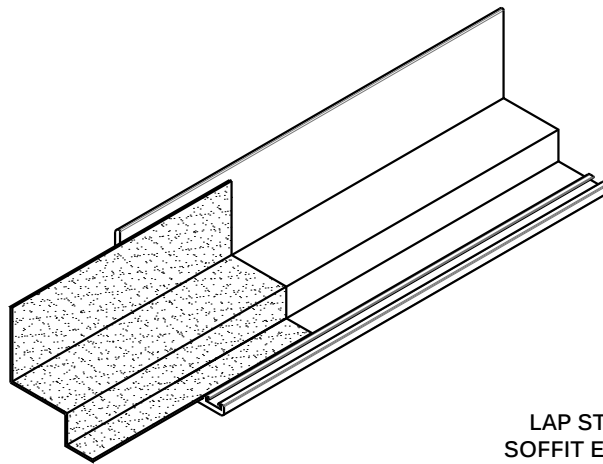
LAP STRIP FOR  
BASE/HEADER EXTRUSION

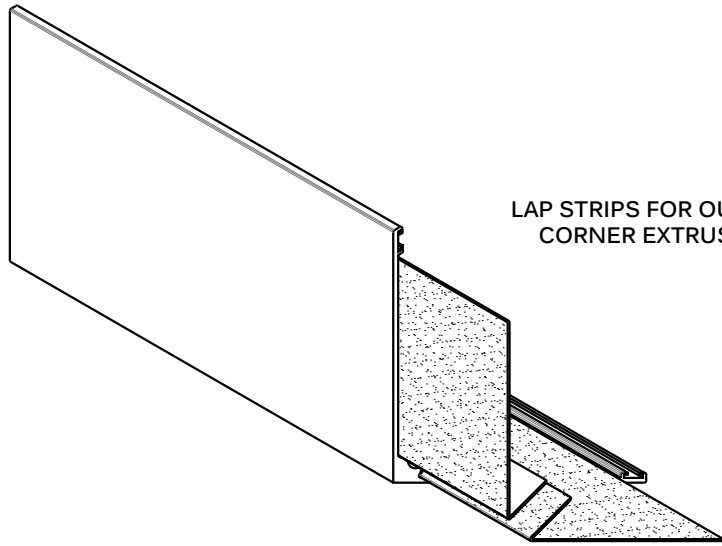


LAP STRIP FOR  
TOP HAT EXTRUSION

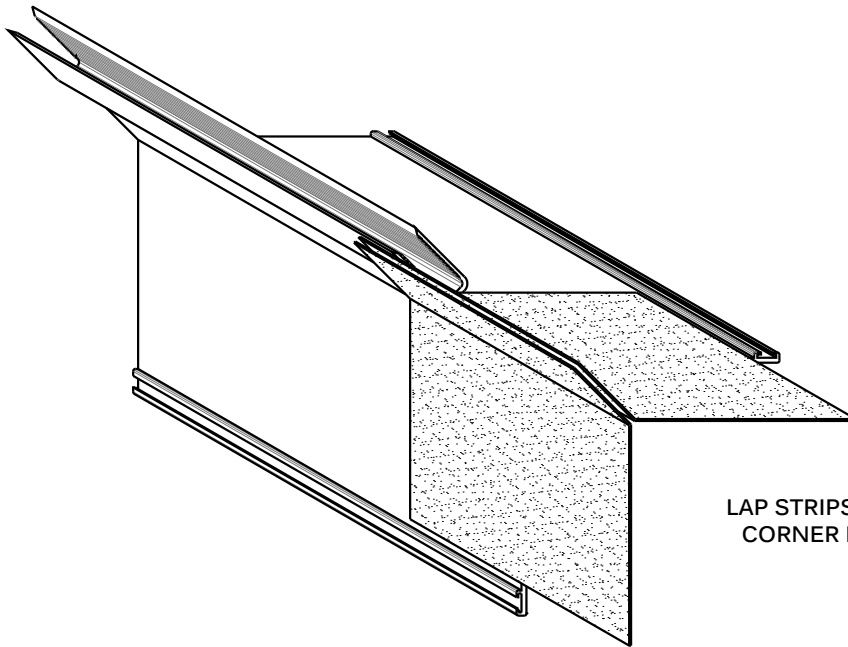


LAP STRIP FOR  
SOFFIT EXTRUSION

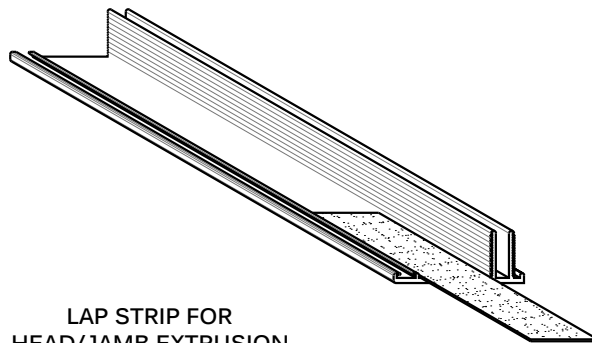




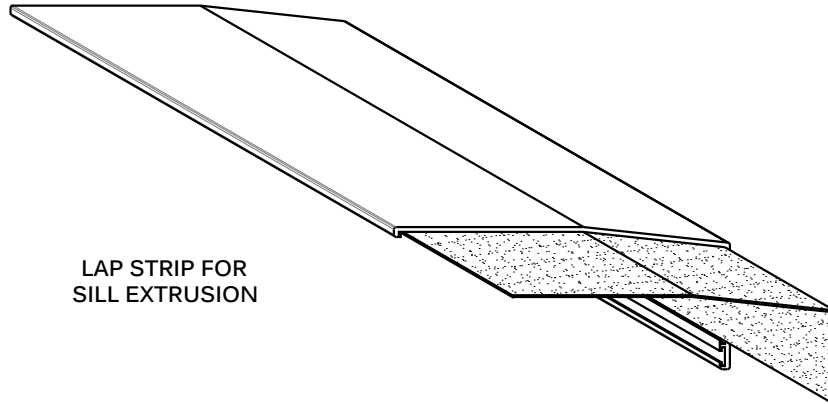
LAP STRIPS FOR OUTSIDE  
CORNER EXTRUSION



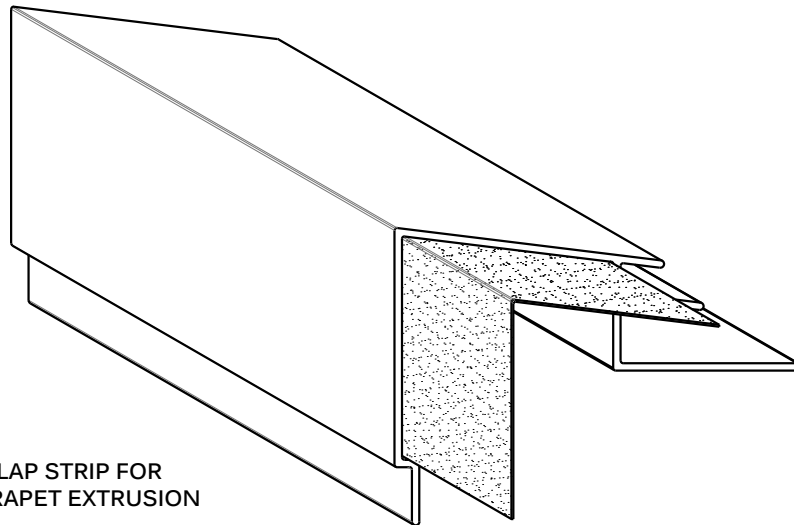
LAP STRIPS FOR INSIDE  
CORNER EXTRUSION



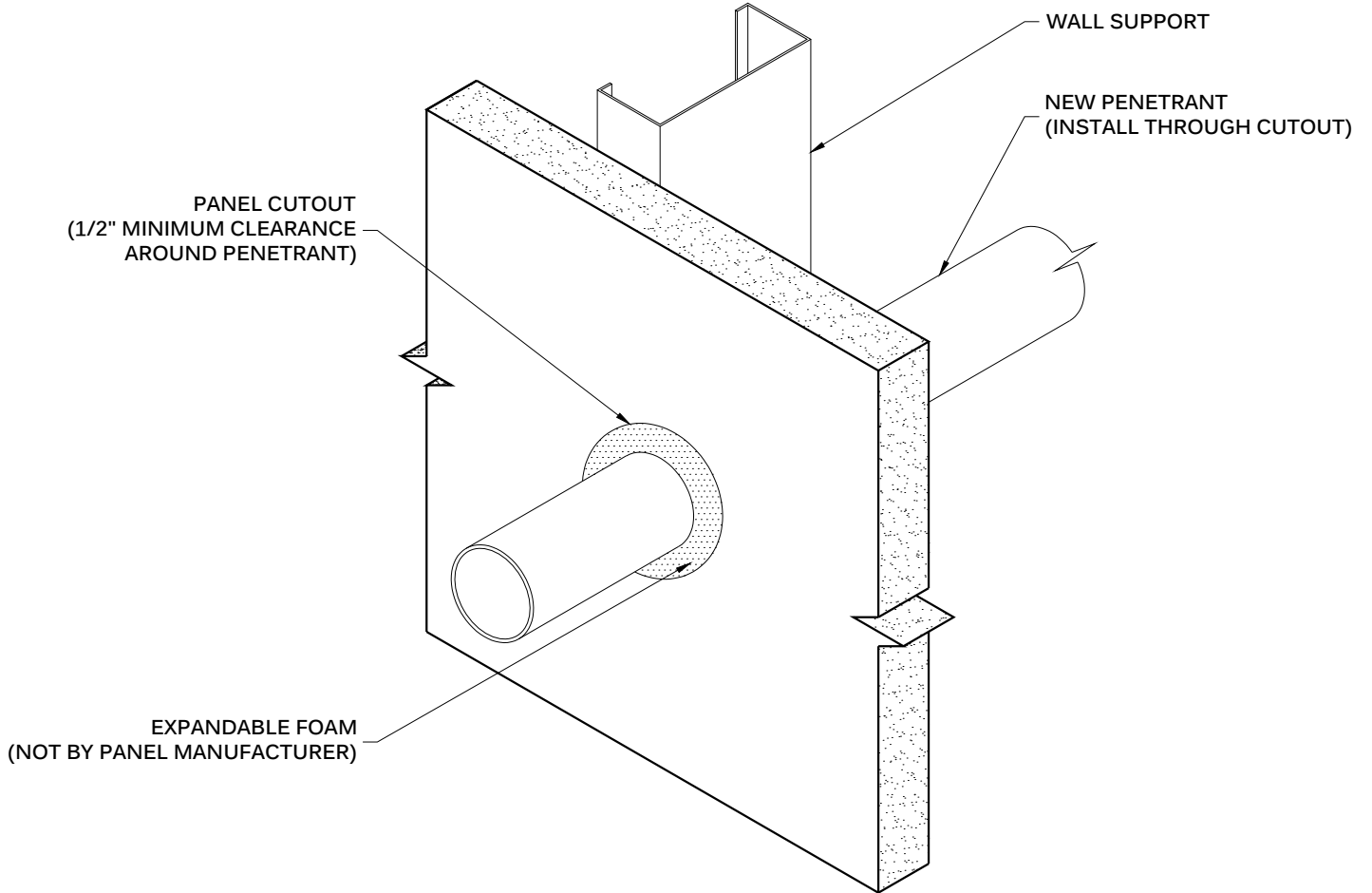
LAP STRIP FOR  
HEAD/JAMB EXTRUSION



LAP STRIP FOR  
SILL EXTRUSION



LAP STRIP FOR  
PARAPET EXTRUSION



**PIPE PENETRATION  
AFTER WALL IS INSTALLED**

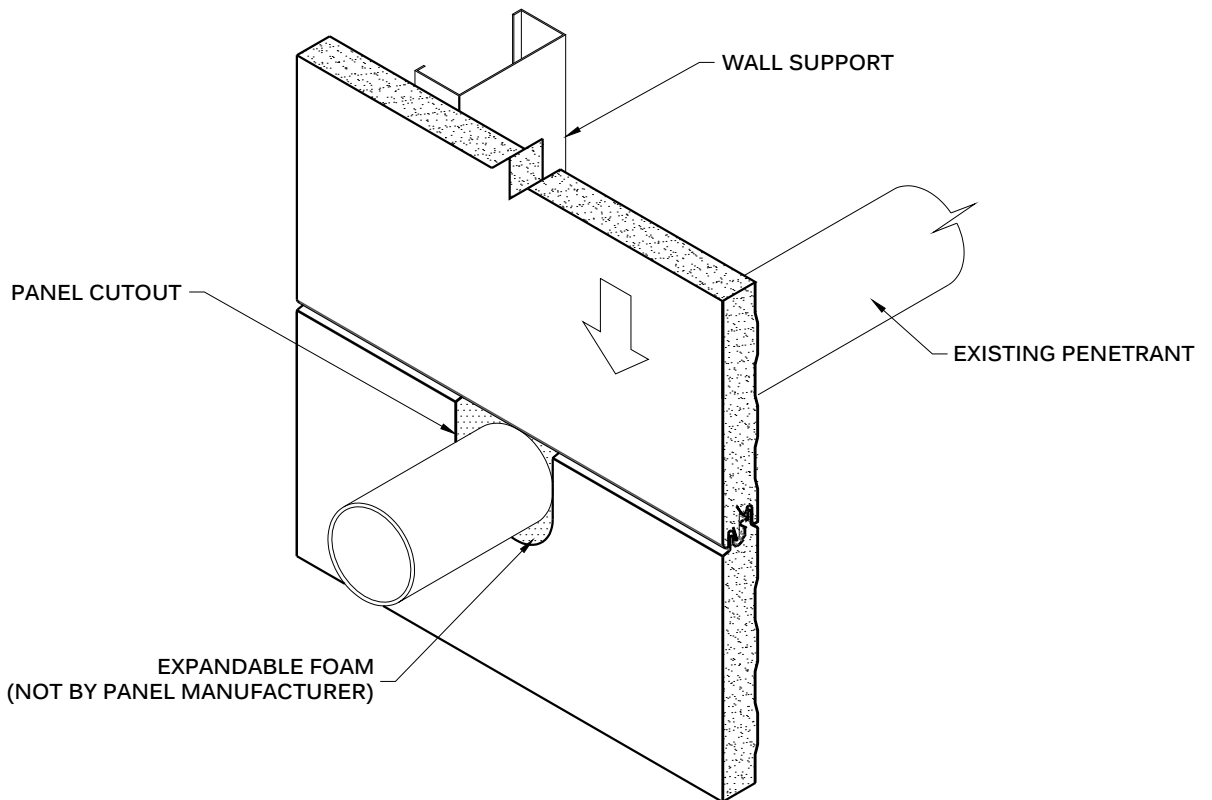
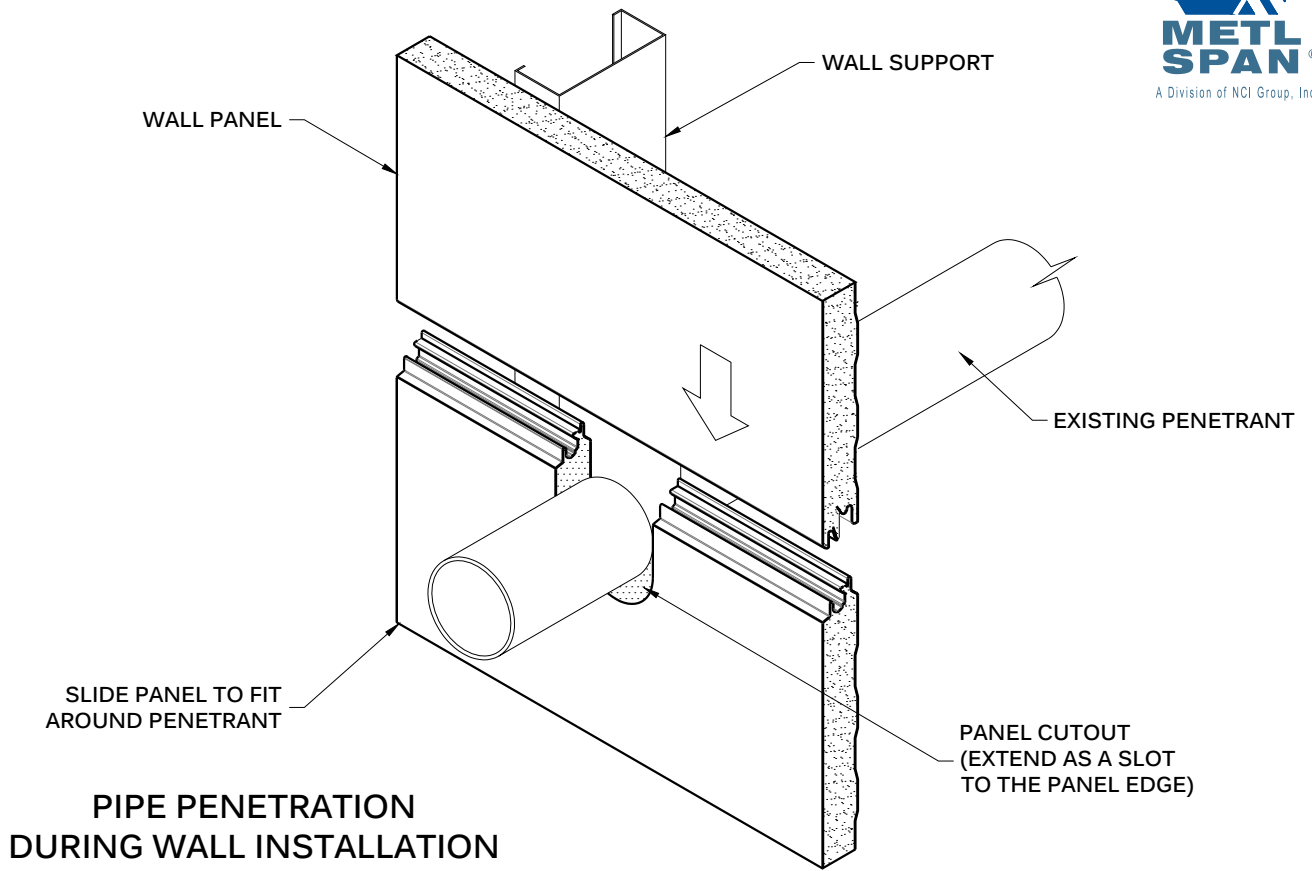
SEE DETAIL AR-CF-PEN-5 FOR FLASHING INFORMATION

**ARCHITECTURAL**

**PIPE PENETRATION -  
FIELD OF PANEL**

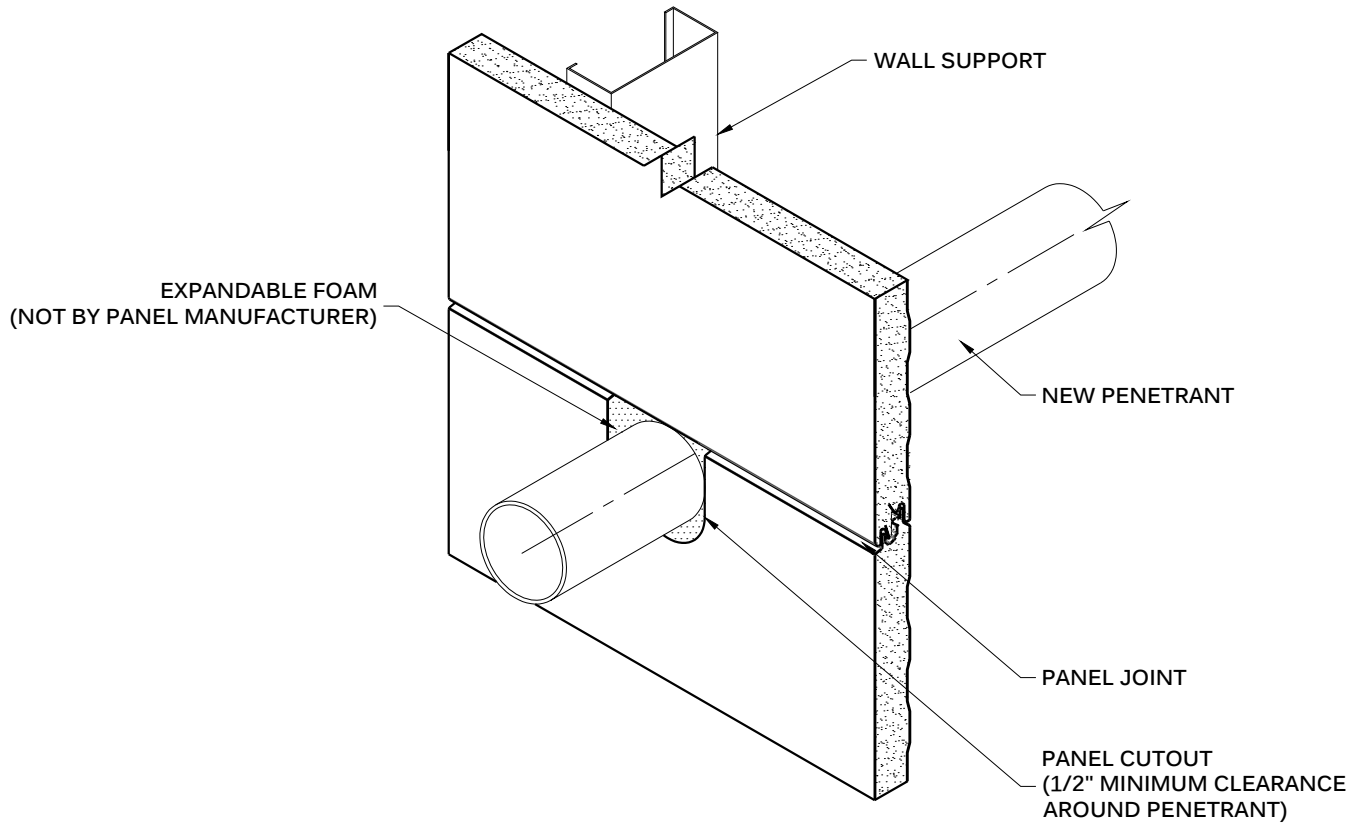
**AR-CF-PEN-01**

DATE: Jul '19



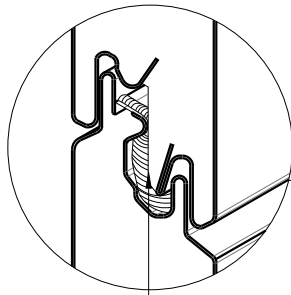
SEE DETAIL AR-CF-PEN-4 FOR SEALANT LOCATIONS  
SEE DETAIL CI-CF-PEN-5 FOR FLASHING INFORMATION



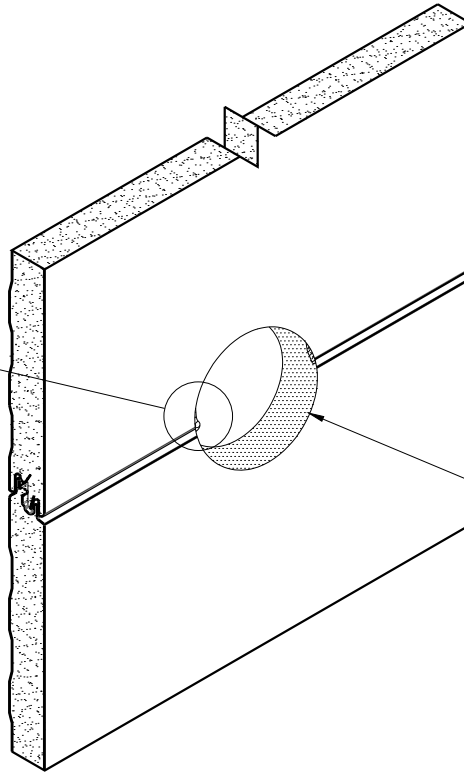


**PIPE PENETRATION  
AFTER WALL IS INSTALLED**

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

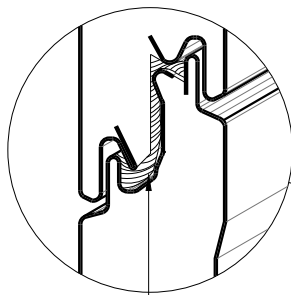


NOTE:  
FILL CAVITY  
BETWEEN JOINTS WITH  
URETHANE SEALANT



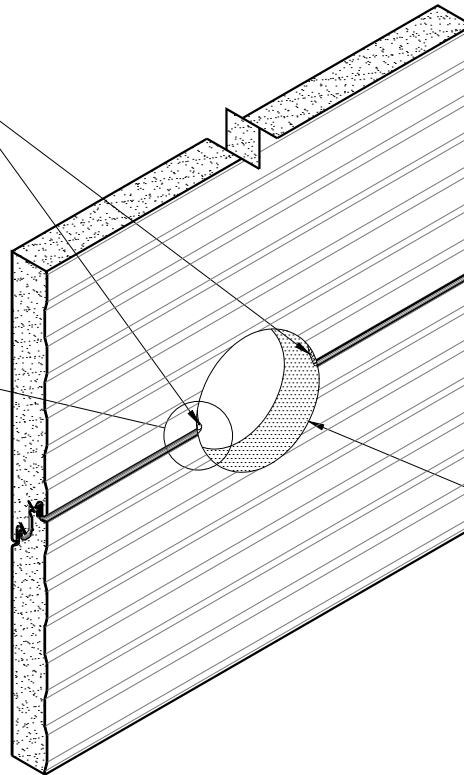
PANEL CUTOUT

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



SEAL JOINT CAVITY  
WITH BUTYL SEALANT

NOTE:  
FILL CAVITY  
BETWEEN JOINTS WITH  
URETHANE SEALANT



PANEL CUTOUT

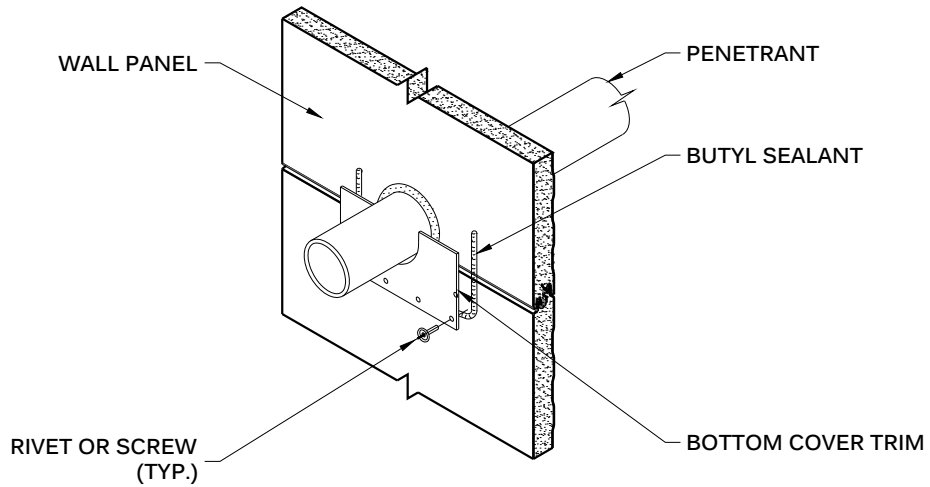
**INTERIOR AIR/VAPOR SEAL  
(NEW PIPE PENETRATION AFTER WALL IS INSTALLED)**

**ARCHITECTURAL**

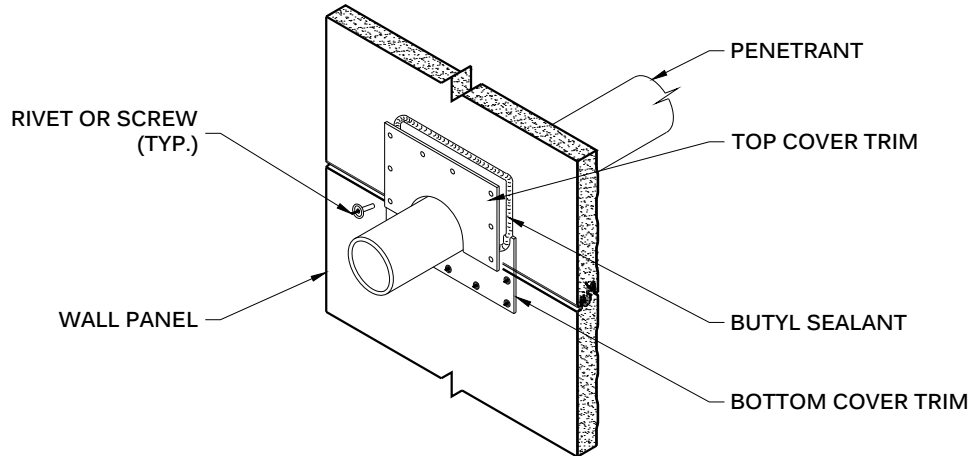
**PIPE PENETRATION -  
FLASHING**

**AR-CF-PEN-04**

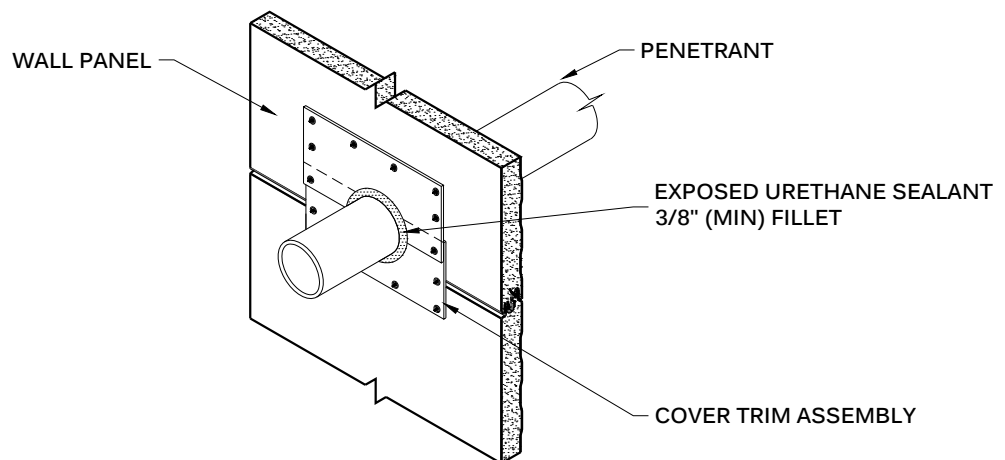
DATE: Jul '19



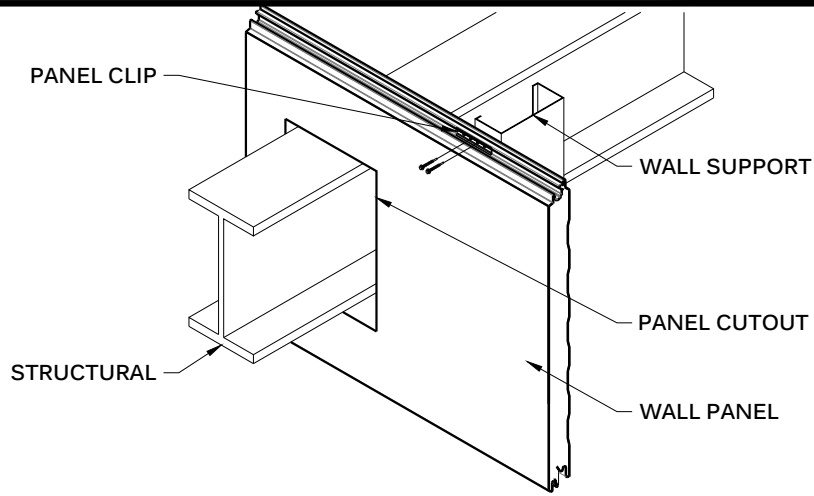
### BOTTOM COVER TRIM INSTALLATION



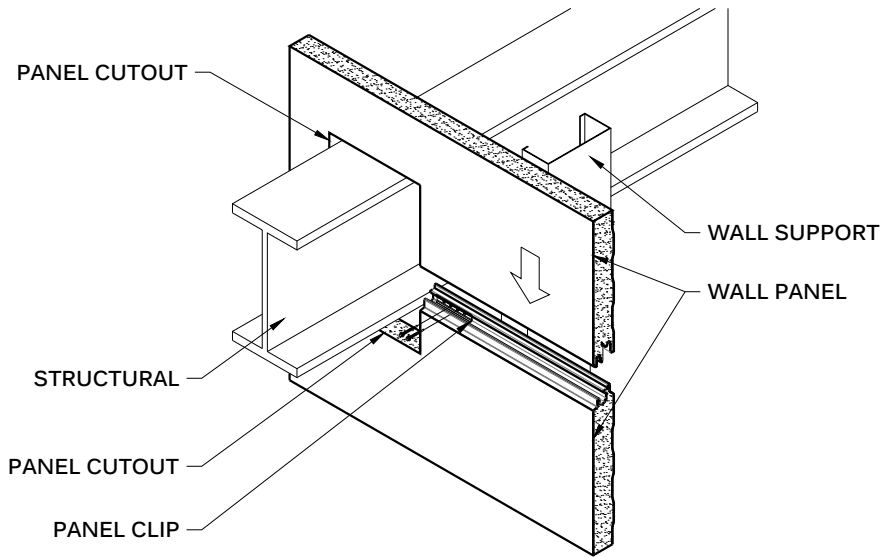
### TOP COVER TRIM INSTALLATION



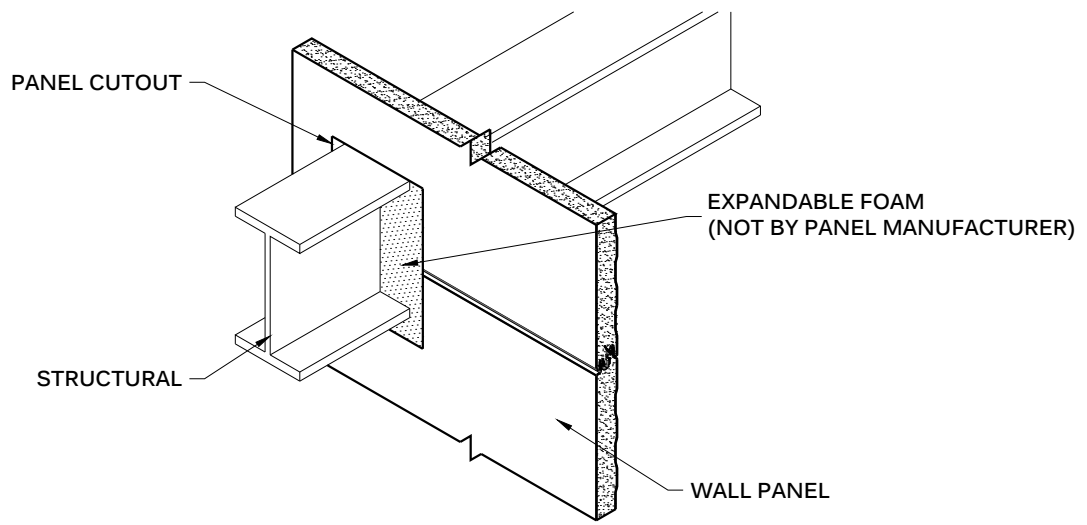
### PENETRATION PERIMETER SEAL



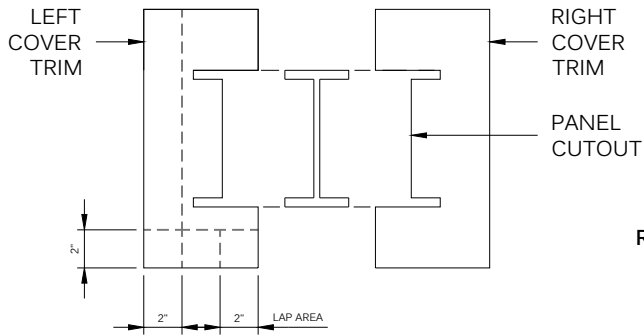
### PANEL CUTOUT (AT CENTER OF PANEL)



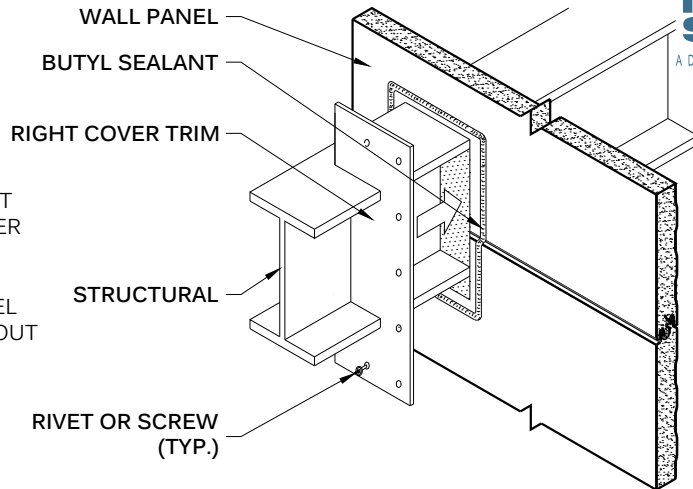
### PANEL CUTOUT (AT PANEL JOINT)



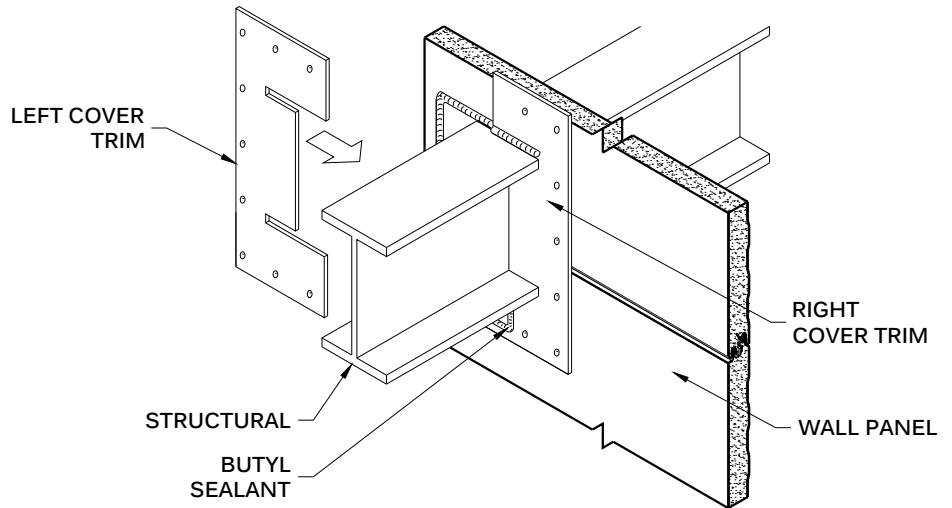
FILLER INSULATION



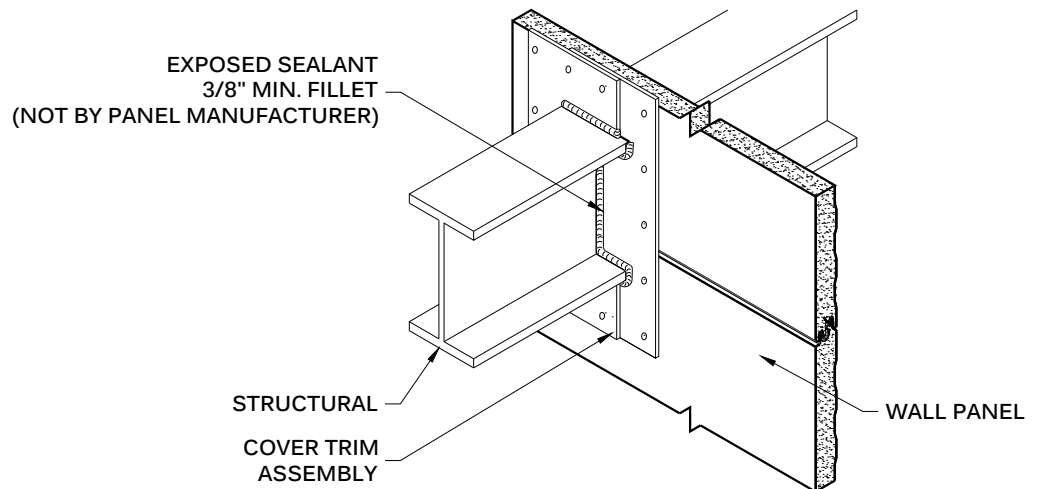
COVER TRIM LAYOUT



RIGHT COVER TRIM INSTALLATION



LEFT COVER TRIM INSTALLATION



PENETRATION PERIMETER SEAL