



PROJECT NAME TOMMY OLIVER STADIUM P535223
PROJECT NUMBER 0678331-597

GENERAL NOTES:

The following specifications appear on shop drawings prepared by AWIP. They are intended to be a guide for minimum acceptable installation procedures and to indicate the quantity, size, and material specifications of products furnished by AWIP for the described project. They should not be used to replace or supplant specifications or notes on structural drawings. Materials shown on these drawings and specifications have been approved by AWIP for the purposes shown.

Unless noted otherwise, this project has been detailed based on an **ambient building** and not a cooler or freezer building. If this is not the case please notify your AWIP project manager immediately and provide the interior temperature(s).

DESIGN CRITERIA:

Design loads for insulated panels shall be in compliance with IBC 2012 code requirements.

Wind loads for insulated panels shall be in compliance with ASCE 7-10 code requirements.

Insulated panels are designed to the following deflection limits:

Panel Type:	Deflection Limit:
Exterior Wall	L / 180
Roof	L / 240
Partition Wall	L / 120
Ceiling	L / 180

FASTENERS:

Panels: Fastening systems have been selected to resist the design pressures shown on this sheet with an appropriate safety factor applied. Refer to the connection details of this drawing set for types and locations.

Trim: Refer to the connection details of this drawing set for trim fastener types and spacing.

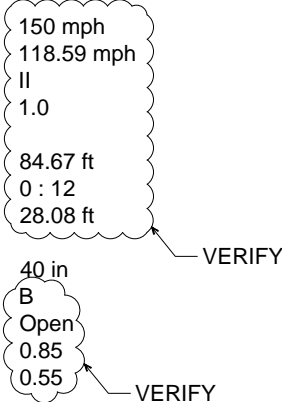
Paint: Exposed fasteners shall have painted heads to match the color of the metal siding where they are used.

WIND LOAD CALCULATIONS:

Basic wind speed - LRFD (V)
Basic wind speed - ASD (V)
Risk category
Topographic factor

Least horizontal building dimension
Roof pitch
Eave height (h)

Effective width of panel
Exposure category
Enclosure classification
Wind directionality factor (Kd)
Internal pressure coefficient (GCpi)



DESIGN PRESSURES (ASD)

Zone 4 (interior) = +30.66 / -32.59psf
Zone 5 (corner) = +30.66 / -37.95 psf
Zone 5 (edge panel) = +31.09 / -38.80 psf

FASTENING SCHEDULE:

Wall at Zone 4: Use (2) ¼ - 14 fasteners per WC-01 wall clip assembly per panel joint, per girt.

Wall at Zone 5: Use (2) ¼ - 14 fasteners per WC-01 wall clip assembly per panel joint, per girt; use (2) ¼ - 14 through fasteners per girt at corner.

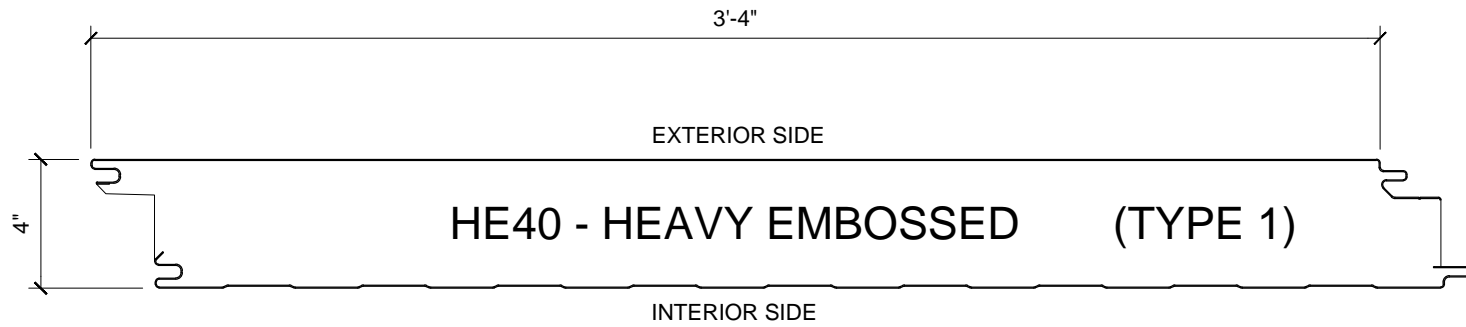
NOTE: DO NOT FASTEN AT GIRTS
SPACED CLOSER THAN 4'-0" O/C.

PANEL CONFIGURATION(S)

Panel Type HE40 - Heavy Embossed
Core Material Polyurethane
Core Thickness 4"
Insulated Value (R) 32
Coverage 40"

Profile EXTERIOR FACE
Material Flat
Gauge G-90 Galv. or AZ50 Steel
Finish 26
Color PVDF (AW1000)
Pattern TBD
Heavy Embossed

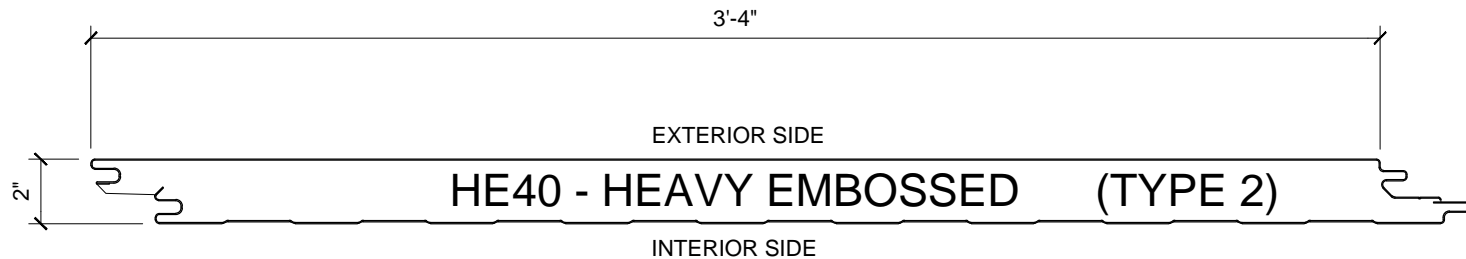
INTERIOR FACE
Material Mesa
Gauge G-90 Galv. or AZ50 Steel
Finish 26
Color Polyester (AW100)
Pattern Imperial White
Standard Embossed



Panel Type HE40 - Heavy Embossed
Core Material Polyurethane
Core Thickness 2"
Insulated Value (R) 16
Coverage 40"

Profile EXTERIOR FACE
Material Flat
Gauge G-90 Galv. or AZ50 Steel
Finish 26
Color PVDF (AW1000)
Pattern TBD
Heavy Embossed

INTERIOR FACE
Material Mesa
Gauge G-90 Galv. or AZ50 Steel
Finish 26
Color Polyester (AW100)
Pattern Imperial White
Standard Embossed



ABBREVIATION LEGEND:	
A.F.F.	ABOVE FINISH FLOOR
BLDG	BUILDING
B.O.	BOTTOM OF
CL	CENTERLINE
CONC	CONCRETE
Ø	DIAMETER
°	DEGREES
EXT.	EXTERIOR
EXTN.	EXTENSION
F.F.	FINISH FLOOR
HT.	HEIGHT
INT.	INTERIOR
N.T.S.	NOT TO SCALE
O/C	ON CENTER
O.H.	OVERHANG
O.H.D.	OVERHEAD DOOR
O/O	OUT TO OUT
SIM.	SIMILAR
T.O.	TOP OF
TYP.	TYPICAL

This AWIP shop drawing set was generated using the information from the Metal Sales drawings dated 6-5-17, and Dant Clayton Corporation drawing sets dated 3-20-17 and 3-21-17,

This shop drawing set has been prepared by AWIP in order to indicate the quantity, type, and specification of materials to be supplied by AWIP and to serve as a guide for minimum acceptable installation procedures.

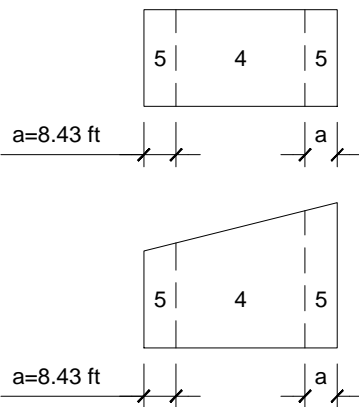
It shall be the responsibility of the customer to verify that the eave heights, base conditions, steel dimensions, openings, connection details, and other similar and relevant information specified in the drawings are accurate and in accordance with the overall building design.

By signing below, the customer verifies that he or she has thoroughly reviewed this shop drawing set and has found it to be acceptable and in accordance with the overall building design or has clearly marked them otherwise.

- ☐ APPROVED WITHOUT EXCEPTION
☐ APPROVED AS NOTED
☐ REVISE AND RESUBMIT

Signed _____

Dated _____



WALL ZONES

REVISIONS

DATE

REV

TOMMY OLIVER STADIUM

SCALE:
N.T.S.

Stamp

1

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7/14/17

7/14/17

KHM

MMF

SALESPERSON:

SALES OFFICE:

PHONE No.

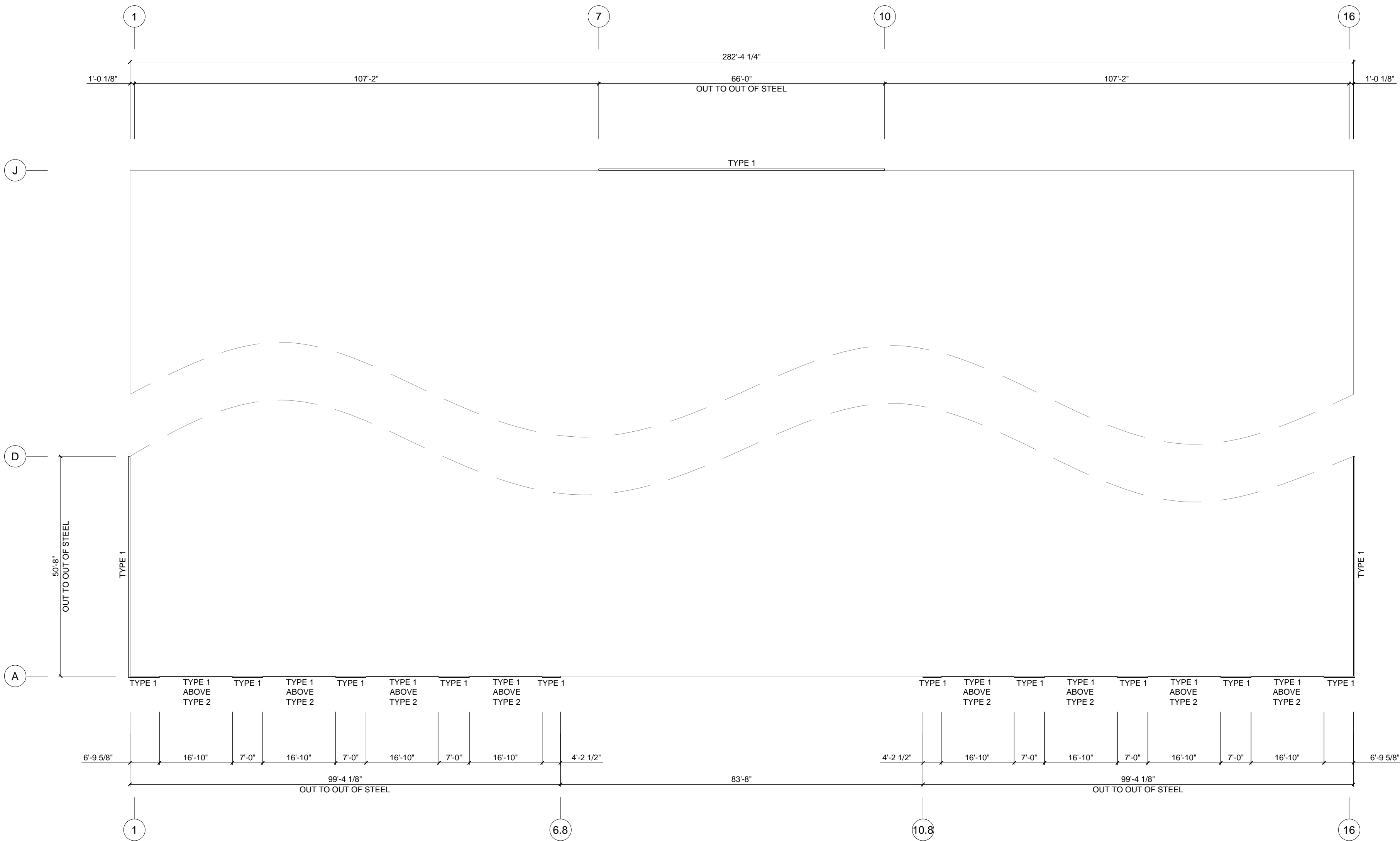
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502.855.4300

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1 of 6
Sheet No.



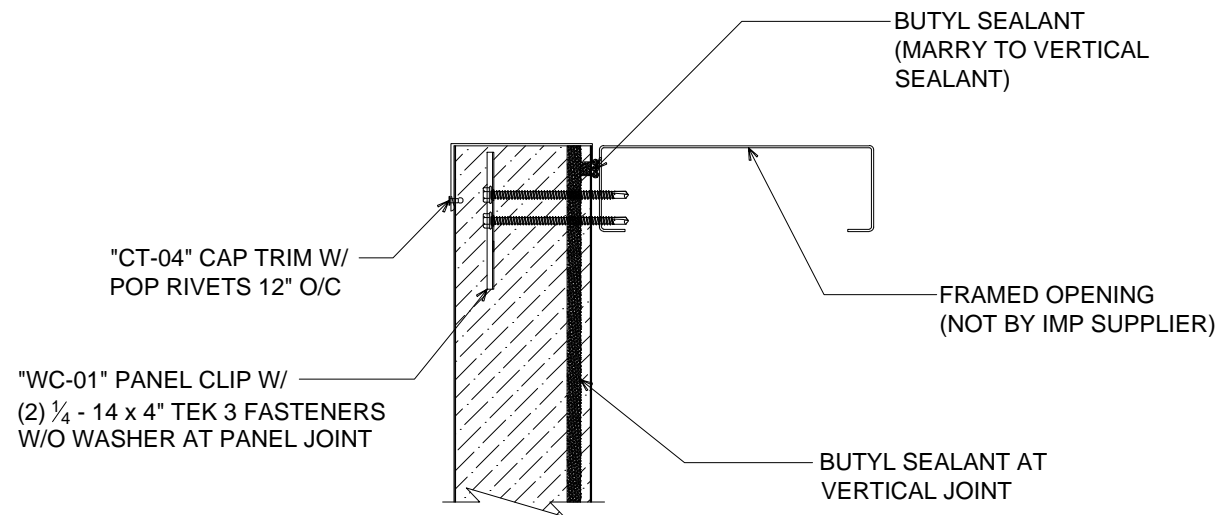
FLOOR PLAN

INSULATED WALL PANEL TYPE 1
PANEL TYPE: HE40 - HEAVY EMBOSSED
EXTERIOR COLOR: 26 GA. TBD (PVDF)
INTERIOR COLOR: 26 GA. IMPERIAL WHITE (POLYESTER)
PANEL THICKNESS: 4"
INSULATED VALUE (R): 32

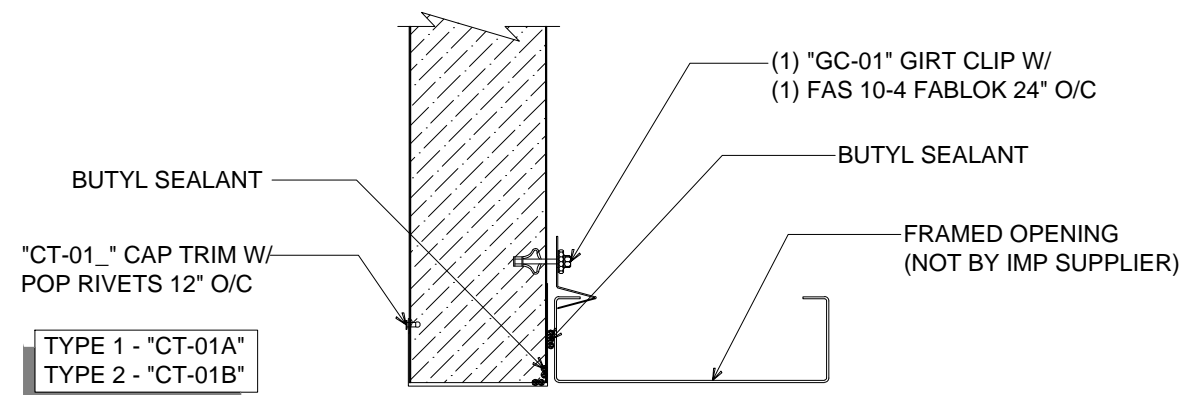
INSULATED WALL PANEL TYPE 2
PANEL TYPE: HE40 - HEAVY EMBOSSED
EXTERIOR COLOR: 26 GA. TBD (PVDF)
INTERIOR COLOR: 26 GA. IMPERIAL WHITE (POLYESTER)
PANEL THICKNESS: 2"
INSULATED VALUE (R): 16

NOTE: CUSTOMER TO VERIFY ALL GRIDLINE
CALLOUTS, LOCATIONS, AND DIMENSIONS.

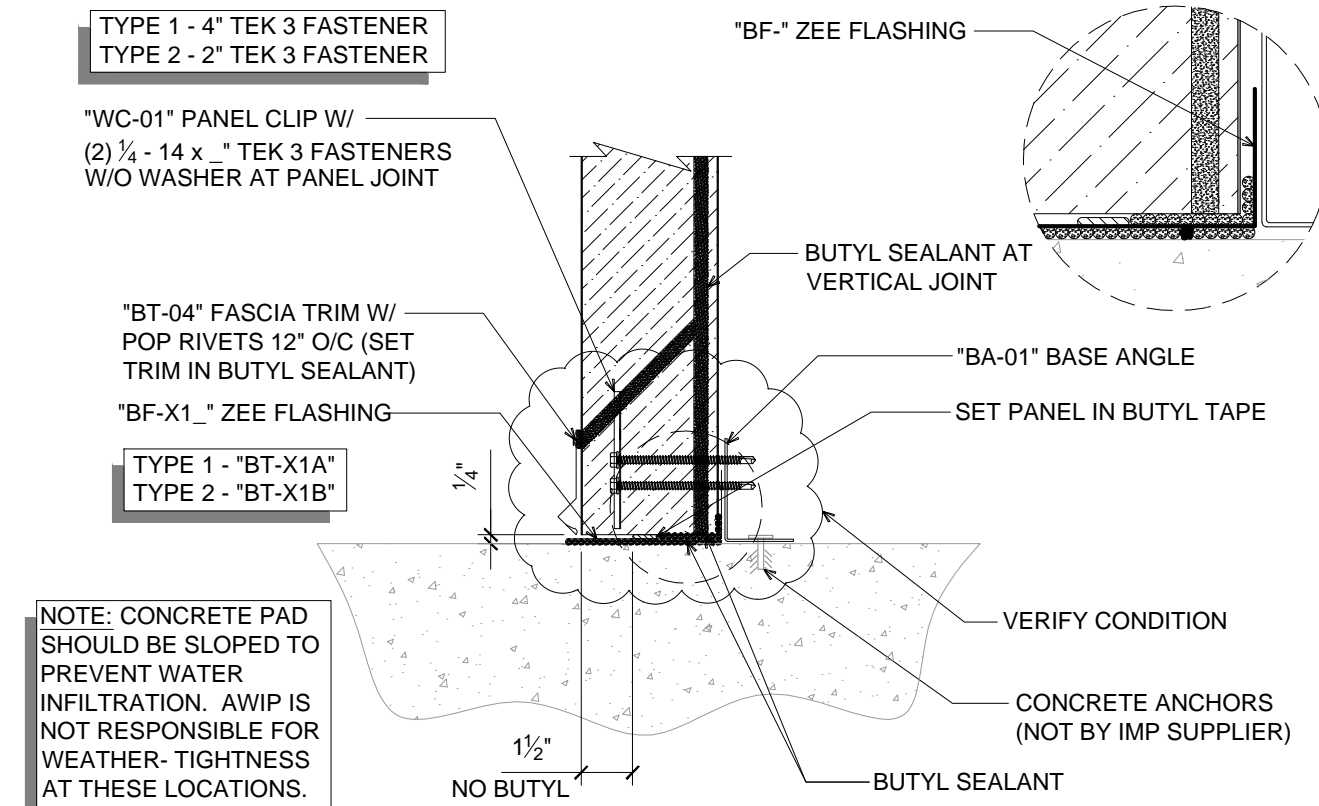
SCALE: N.T.S.		TOMMY OLIVER STADIUM		REV	DATE	REVISIONS	
SALESPERSON: N.T.S.		DRAWN: KHM		1			
SALES OFFICE:		CHECKED: MMF		2	7/14/17		
		APPROVED:		3	7/14/17		
		PHONE No.		4			
Stamp							
metal sales manufacturing corporation ms Technical Services 545 S 3rd Street, Ste 200 Louisville, KY 40202 502.855.4300							
		ISSUE DATE					
		2 of 6 Sheet No.					



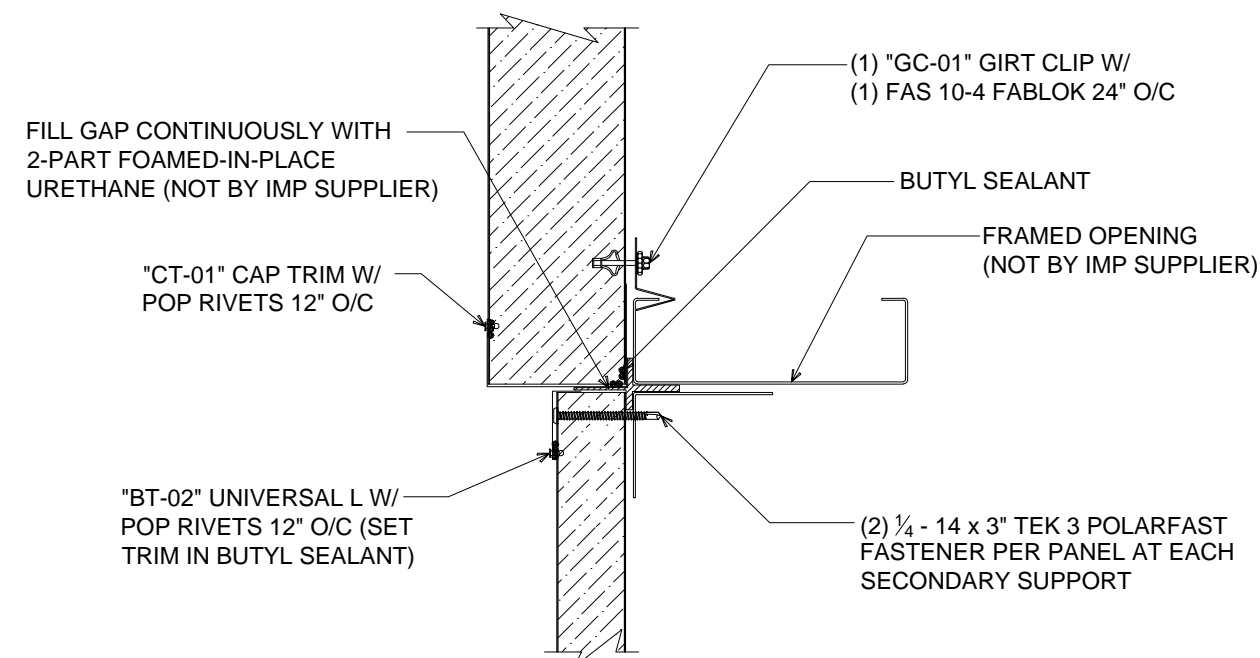
1 TOP OF PANEL
(SECTION VIEW)



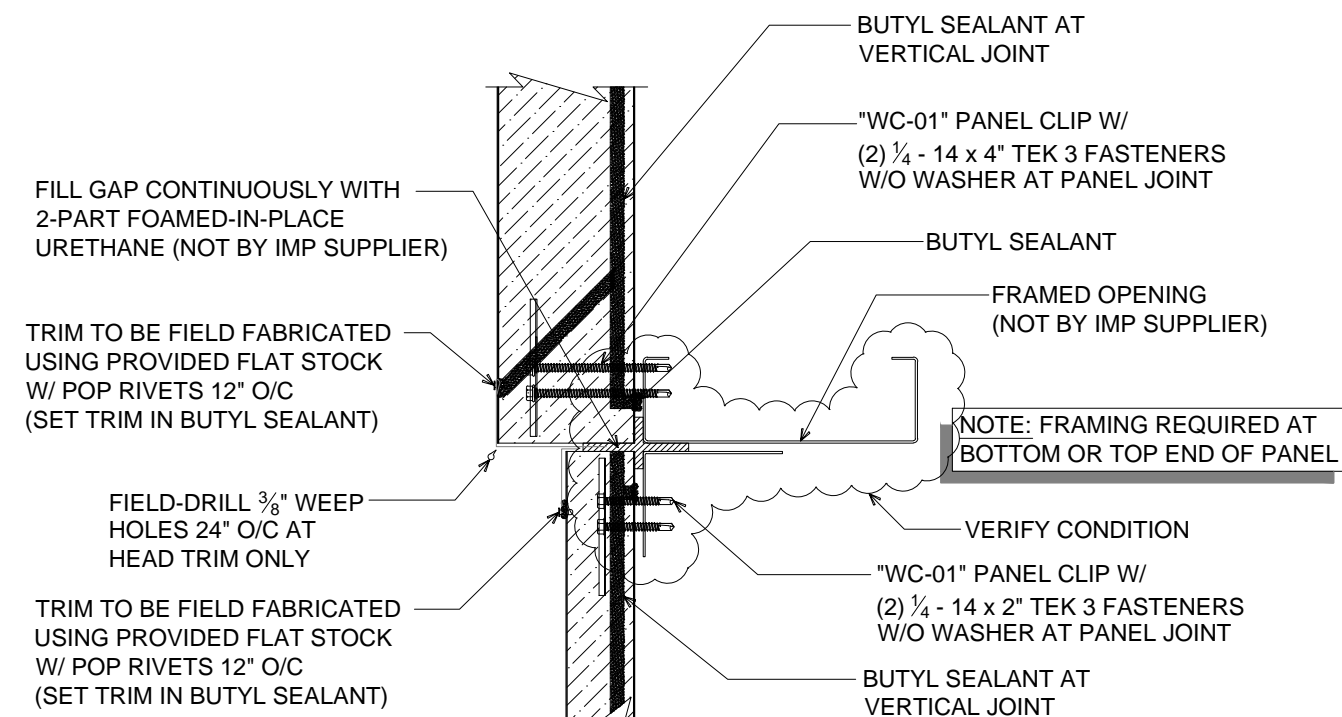
2 END OF PANEL
(PLAN VIEW)



3 CONTINUOUS CONCRETE PAD
(SECTION VIEW)



4 PANEL JOINT (JAMB)
(PLAN VIEW)



5 PANEL JOINT AT ARCH (HEADER)
(SECTION VIEW)

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PHONE No.

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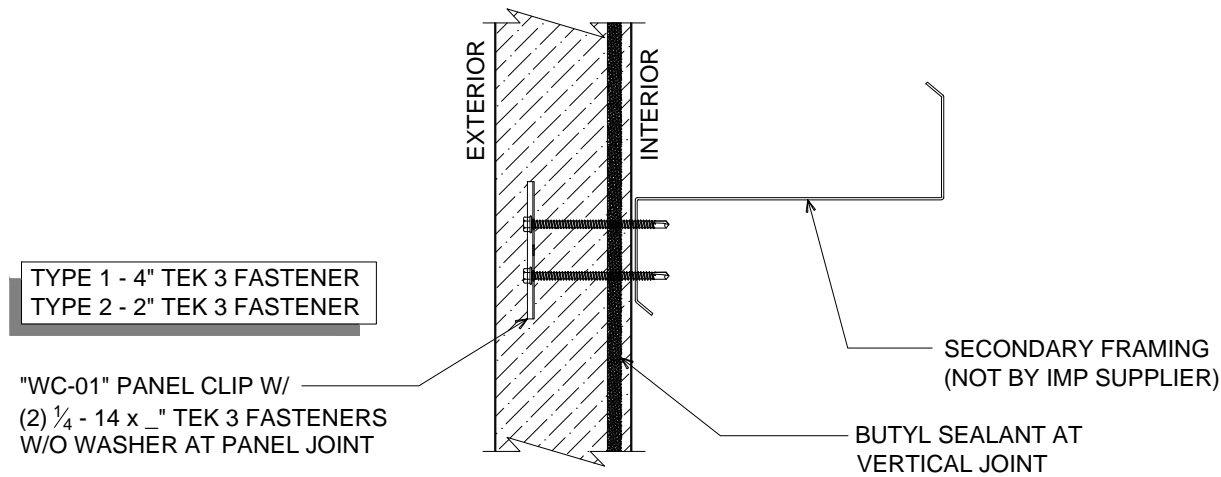
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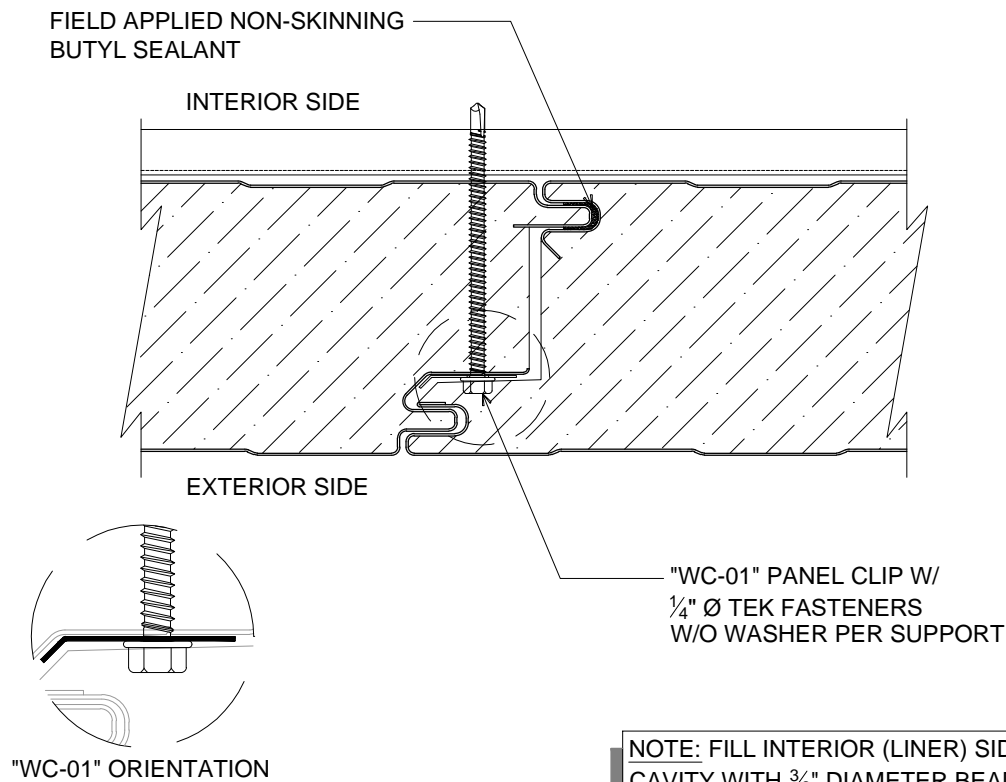
ISSUE DATE

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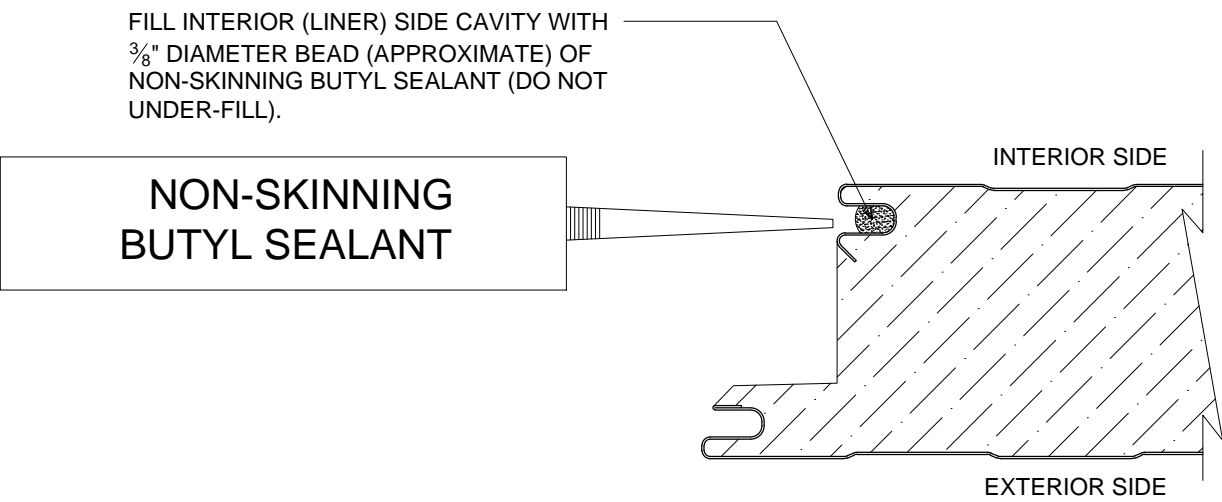
NOTE: FASTENING SCHEDULE
MAY VARY DEPENDING ON
SPECIFIC APPLICATION.



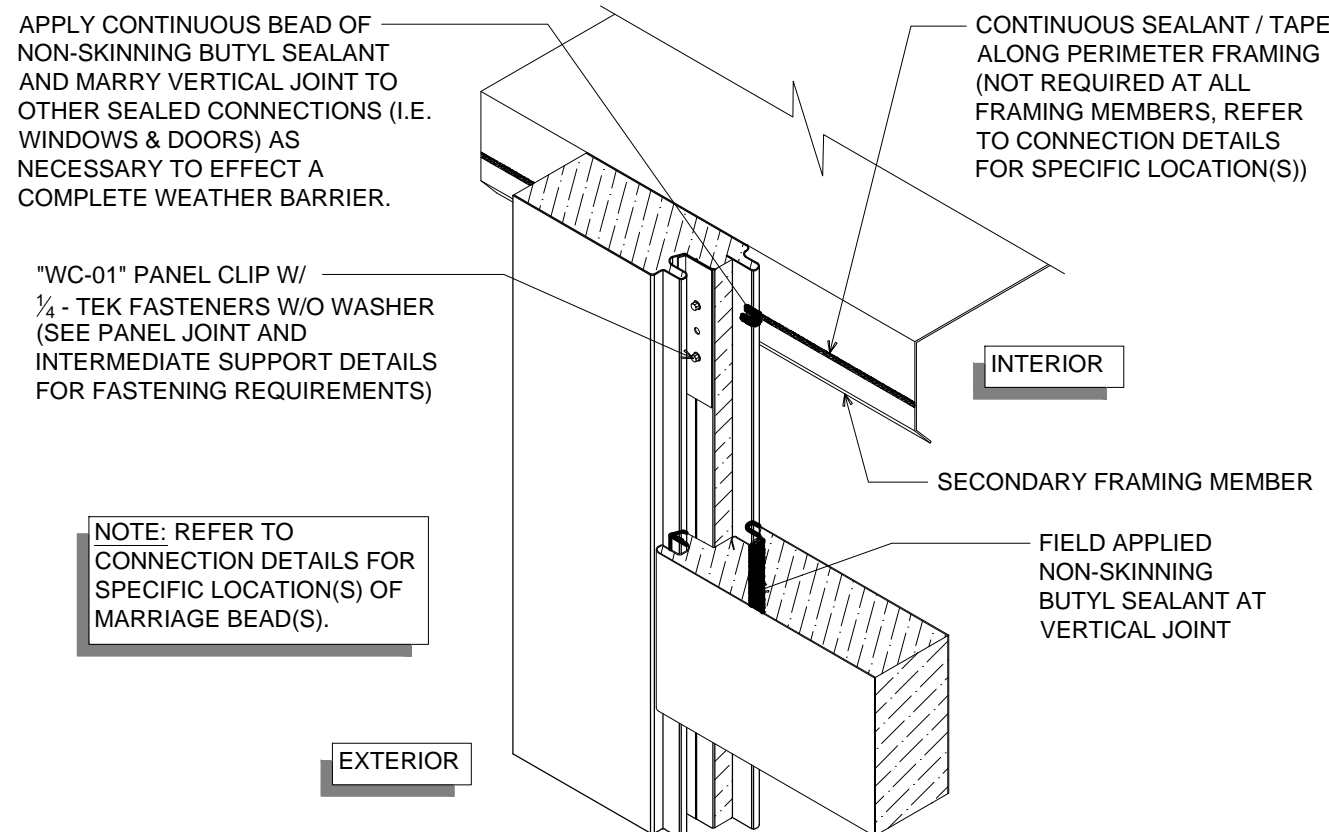
INTERMEDIATE WALL SUPPORT
(SECTION VIEW)



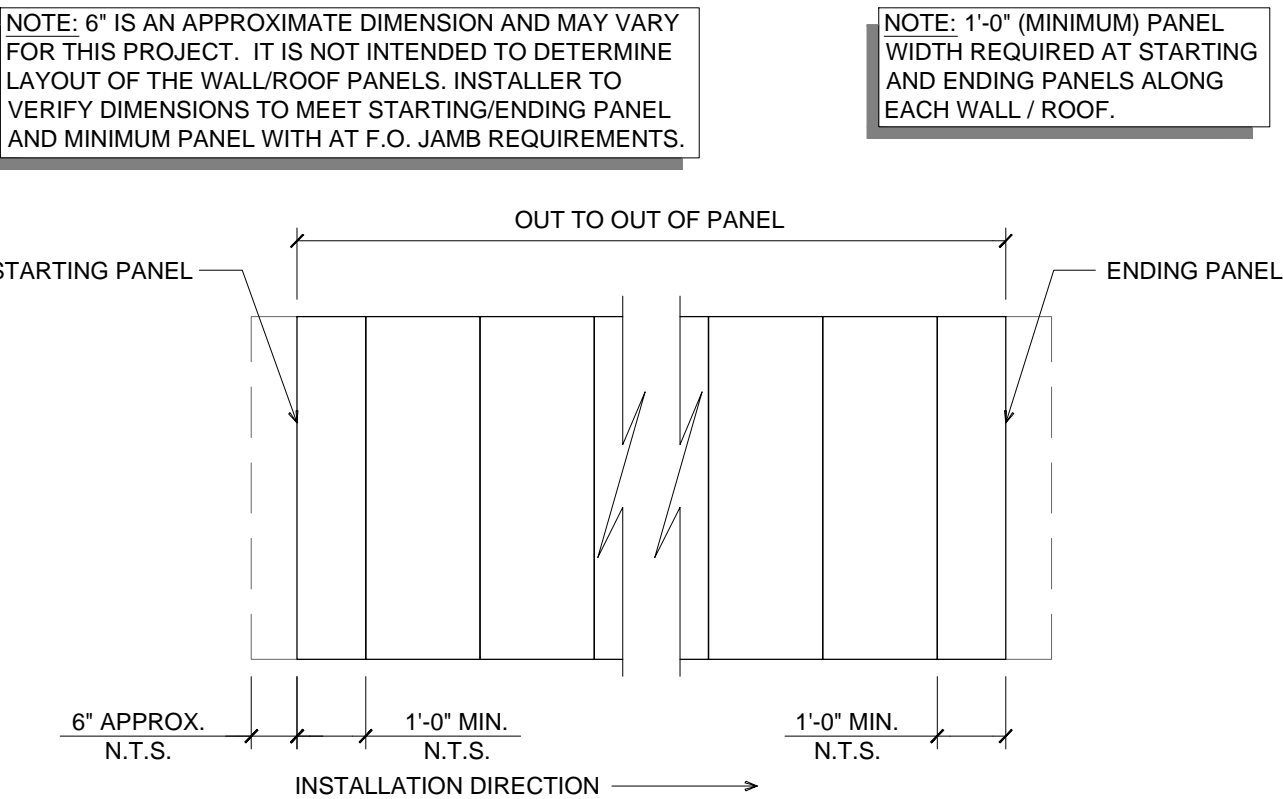
PANEL JOINT
(PLAN VIEW)



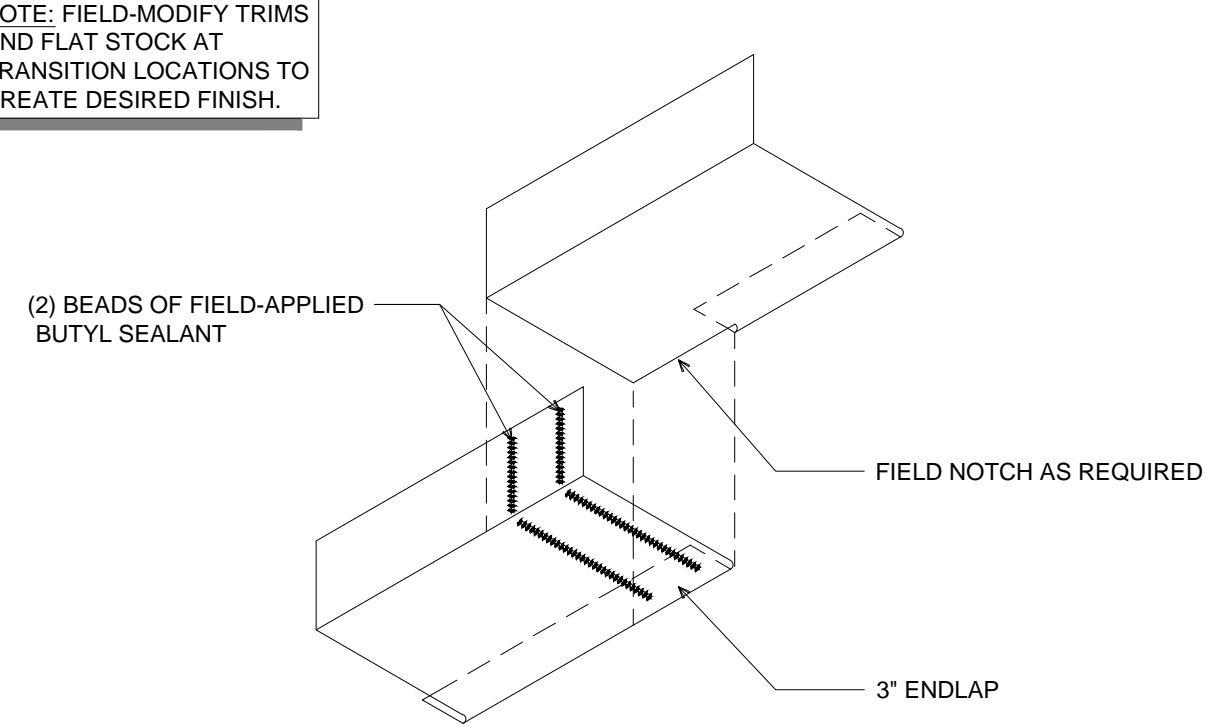
SEALANT PLACEMENT AT PANEL JOINT
(PLAN VIEW)



MARRIAGE BEAD DETAIL
(ISOMETRIC VIEW)



STARTING / ENDING PANEL
(WALL - ELEVATION VIEW)



TYPICAL TRIM END LAP
(ISOMETRIC VIEW)

REVISIONS				DATE			
REV	DATE	BY	CHKD	DATE	BY	CHKD	APPD
1				7/14/17			
2				7/14/17			
3							
4							

TOMMY OLIVER STADIUM				KHM			
DRAWN:				MMF			
CHECKED:				APPROVED:			
SALES PERSON:				PHONE No.			
SALES OFFICE:							

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Sheet No.

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	7 1/8 "	12'-0"	TBD	26	HEAVY EMBOSSED

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	9 9/16"	12'-0"	TBD	26	HEAVY EMBOSSED

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	7 9/16"	12'-0"	TBD	26	HEAVY EMBOSSED

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	4 1/2"	12'-0"	TBD	26	HEAVY EMBOSSED

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	3"	12'-0"	TBD	26	HEAVY EMBOSSED

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	6 1/8"	12'-0"	GALVALUME	26	SMOOTH

QUANTITY :	BLANK WIDTH :	LENGTH :	COLOR :	GAUGE :	TEXTURE :
	4 1/8"	12'-0"	GALVALUME	26	SMOOTH

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Sheet No.

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SALESPERSON:

SALES OFFICE:

DRAWN: KHM

CHECKED: MMF

APPROVED:

7/14/17

7/14/17

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