

## PANEL EXPANSION NOTE

FOR STEEL PANELS < 40' WITH A 1 1/2" TURN DOWN AND 1 1/2" HEM CLEARANCE:

1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT

2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT..

FOR STEEL PANELS > 40' WITH A 2" TURN DOWN AND 2" HEM CLEARANCE:

1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.

2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT.

FOR ALUMINUM PANELS - CONTACT DMI

## GUTTER LAP NOTE

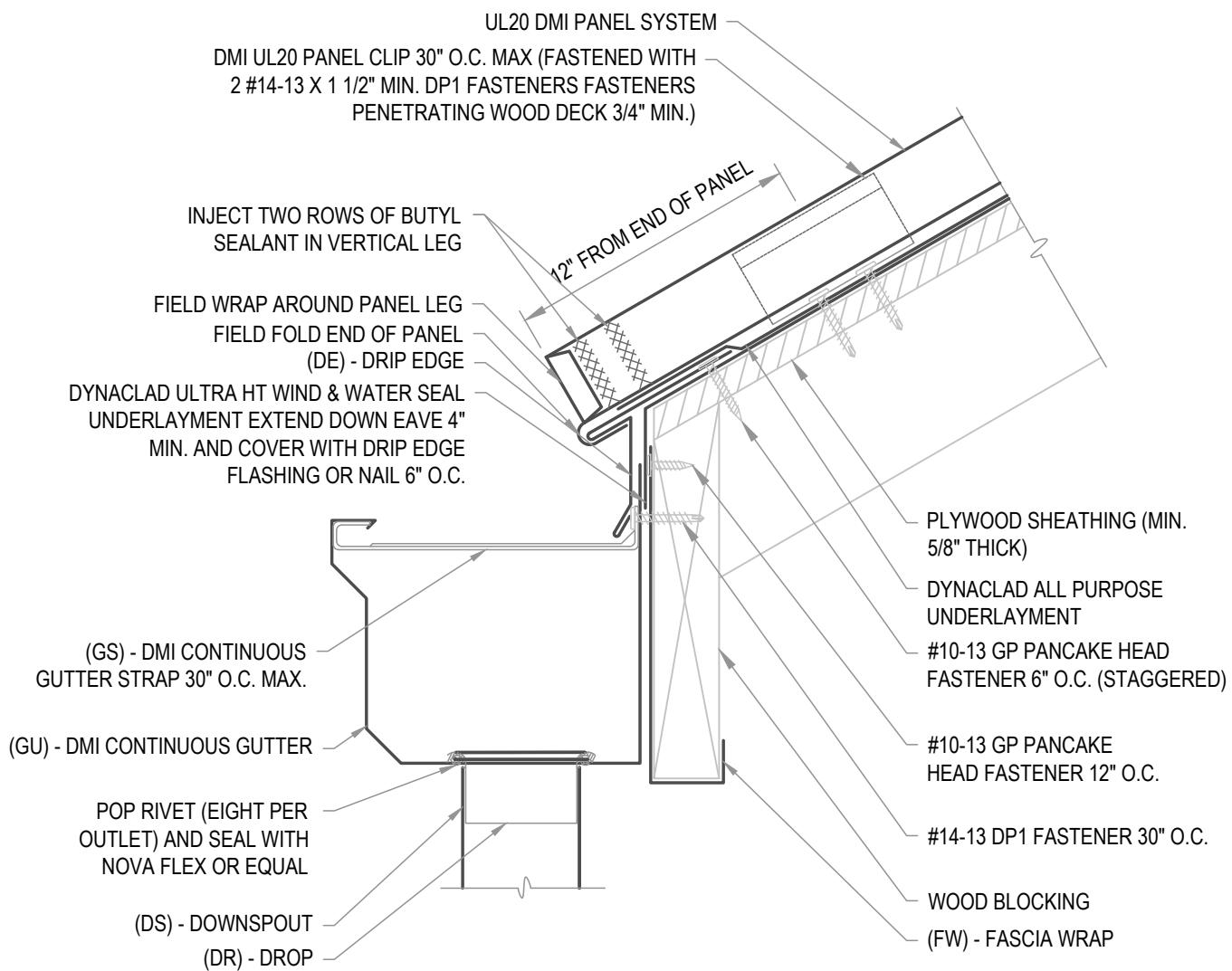
LAP GUTTER 3" MIN W/ 2 ROWS OF APPROVED SEALANT AND POP RIVET JOINT 2" O.C. SET IN AND CAP POP RIVETS IN APPROVED SEALANT.

## FLASHING LAP NOTE

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.

## FULL ICE AND WATER UNDERLayment NOTE

FOR PANEL AREAS WITH FULL ICE AND WATER UNDERLayment: STRIP IN DRIP EDGE WITH 6" STRIP OF APPROVED ICE AND WATER UNDERLayment.



ARCHITECTURAL EAVE W/ GUTTER

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UL20-01-00-WA

Issue/Rev Date:

02/21

Scale:

3"=1'-0"

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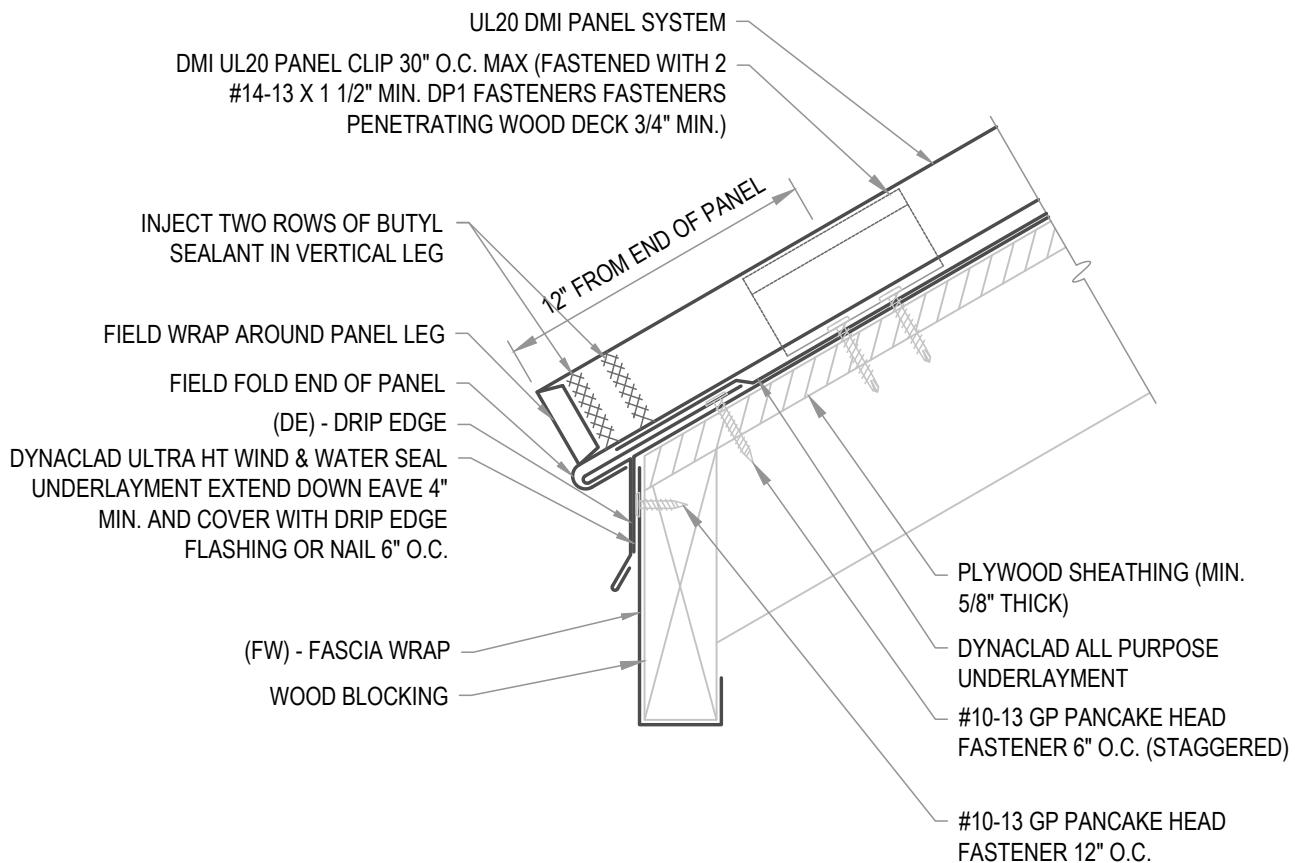
FOR ALUMINUM PANELS - CONTACT DMI

#### FLASHING LAP NOTE

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#### FULL ICE AND WATER UNDERLAYMENT NOTE

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ARCHITECTURAL EAVE W/ FASCIA WRAP

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FOR ALUMINUM PANELS - CONTACT DMI

#### GUTTER NOTES

LAP GUTTER 3" MIN W/ 2 ROWS OF APPROVED SEALANT AND POP RIVET JOINT 2" O.C. SET IN AND CAP POP RIVETS IN APPROVED SEALANT.  
EXPANSION JOINT REQUIRED FOR EVERY 50'-0" OF GUTTER (REFER TO MISCELLANEOUS DETAILS)

#### FLASHING LAP NOTE

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.

#### FULL ICE AND WATER UNDERLAYMENT NOTE

FOR PANEL AREAS WITH FULL ICE AND WATER UNDERLAYMENT: STRIP IN DRIP EDGE WITH 6" STRIP OF APPROVED ICE AND WATER UNDERLAYMENT.

DMI UL20 PANEL CLIP 30" O.C. MAX (FASTENED WITH 2 #14-13 X 1 1/2"  
MIN. DP1 FASTENERS FASTENERS PENETRATING WOOD DECK 3/4"  
MIN.)

UL20 DMI PANEL SYSTEM

INJECT TWO ROWS OF BUTYL SEALANT

IN VERTICAL LEG

FIELD WRAP AROUND PANEL LEG

FIELD FOLD END OF PANEL

(DE) - DRIP EDGE

DYNACLAD ULTRA HT WIND & WATER SEAL  
UNDERLAYMENT EXTEND DOWN EAVE 4" MIN. AND  
COVER WITH DRIP EDGE FLASHING OR NAIL 6" O.C.

12" FROM END OF PANEL

PLYWOOD SHEATHING (MIN.  
5/8" THICK)

DYNACLAD ALL PURPOSE  
UNDERLAYMENT

#10-13 GP PANCAKE HEAD  
FASTENER 6" O.C. (STAGGERED)

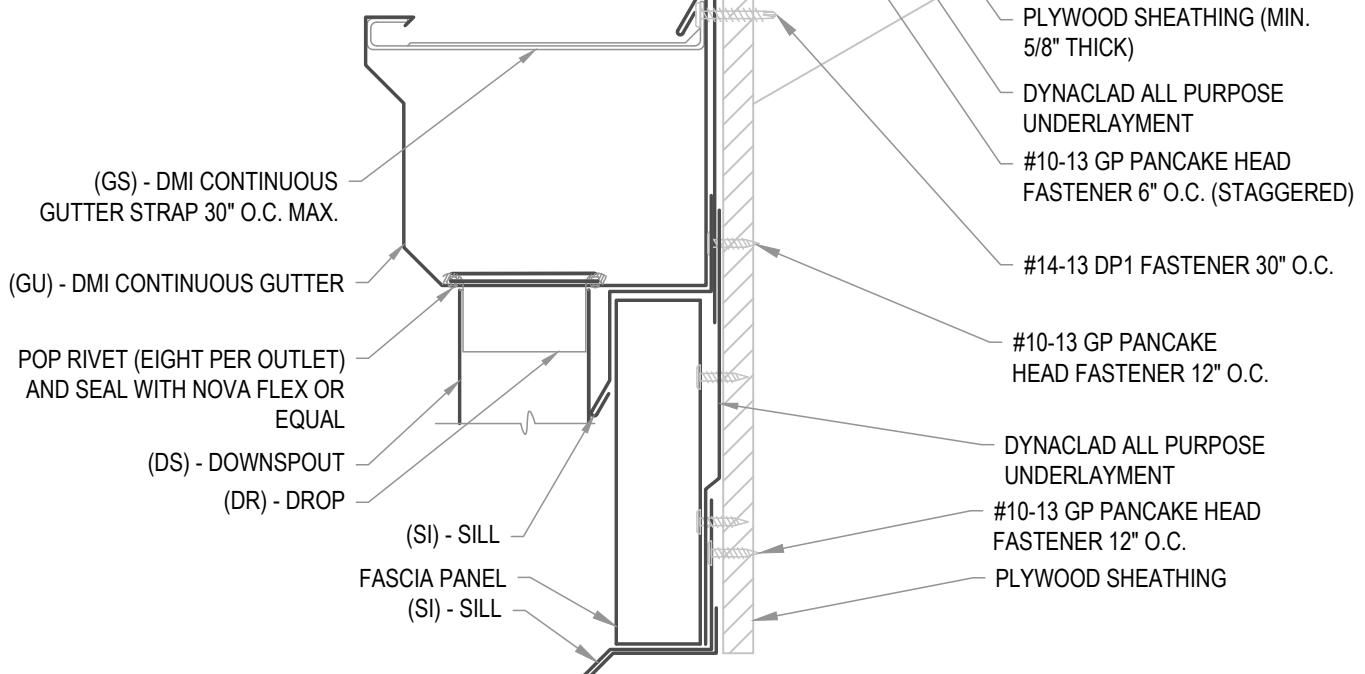
#14-13 DP1 FASTENER 30" O.C.

#10-13 GP PANCAKE  
HEAD FASTENER 12" O.C.

DYNACLAD ALL PURPOSE  
UNDERLAYMENT

#10-13 GP PANCAKE HEAD  
FASTENER 12" O.C.

PLYWOOD SHEATHING



#### ARCHITECTURAL EAVE W/ GUTTER

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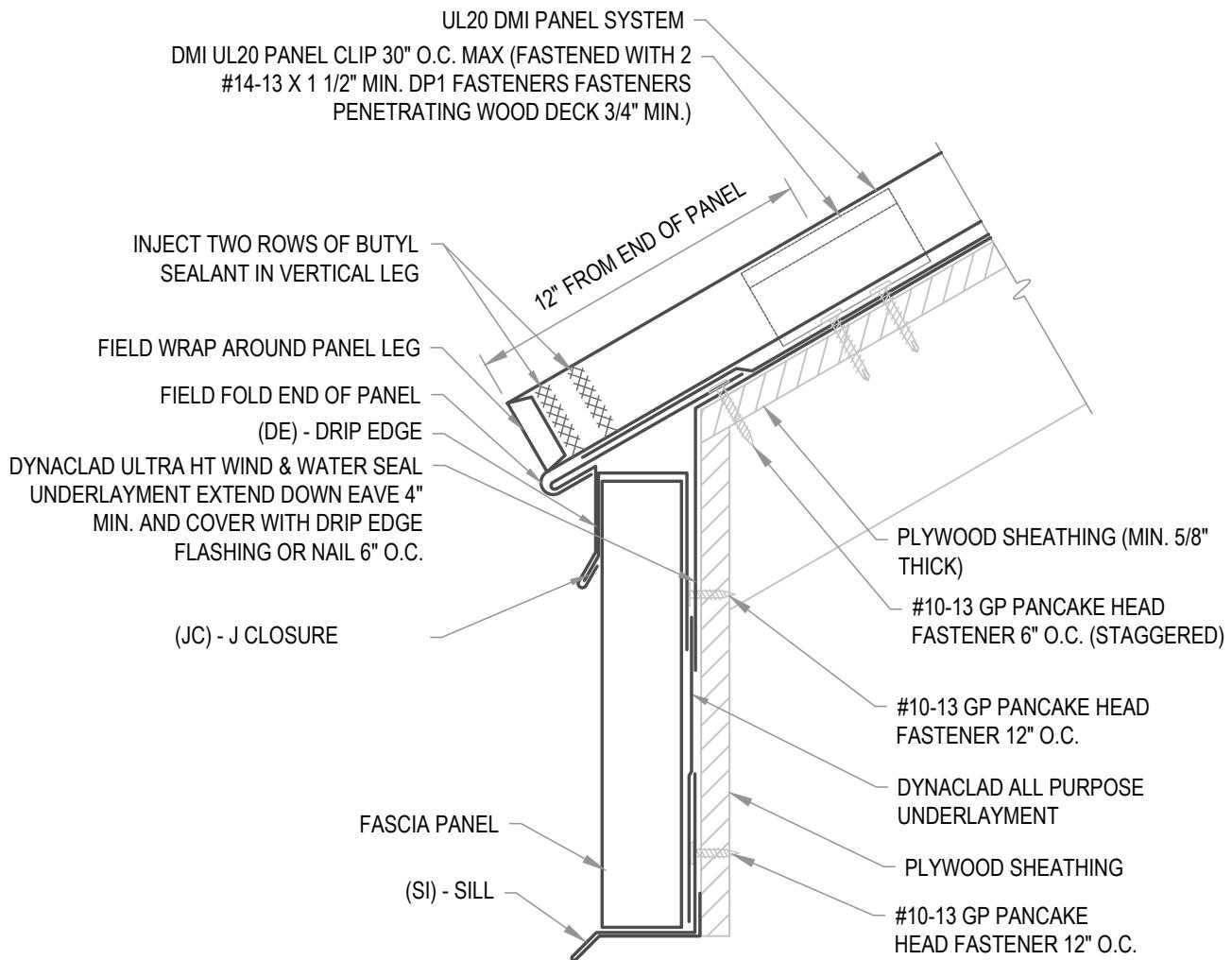
FOR ALUMINUM PANELS - CONTACT DMI

#### FLASHING LAP NOTE

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.

#### FULL ICE AND WATER UNDERLayment NOTE

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ARCHITECTURAL EAVE W/ FASCIA PANEL

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FOR ALUMINUM PANELS - CONTACT DMI

#### INTERIOR GUTTER DESIGN TO BE PER SMACNA GUIDELINES

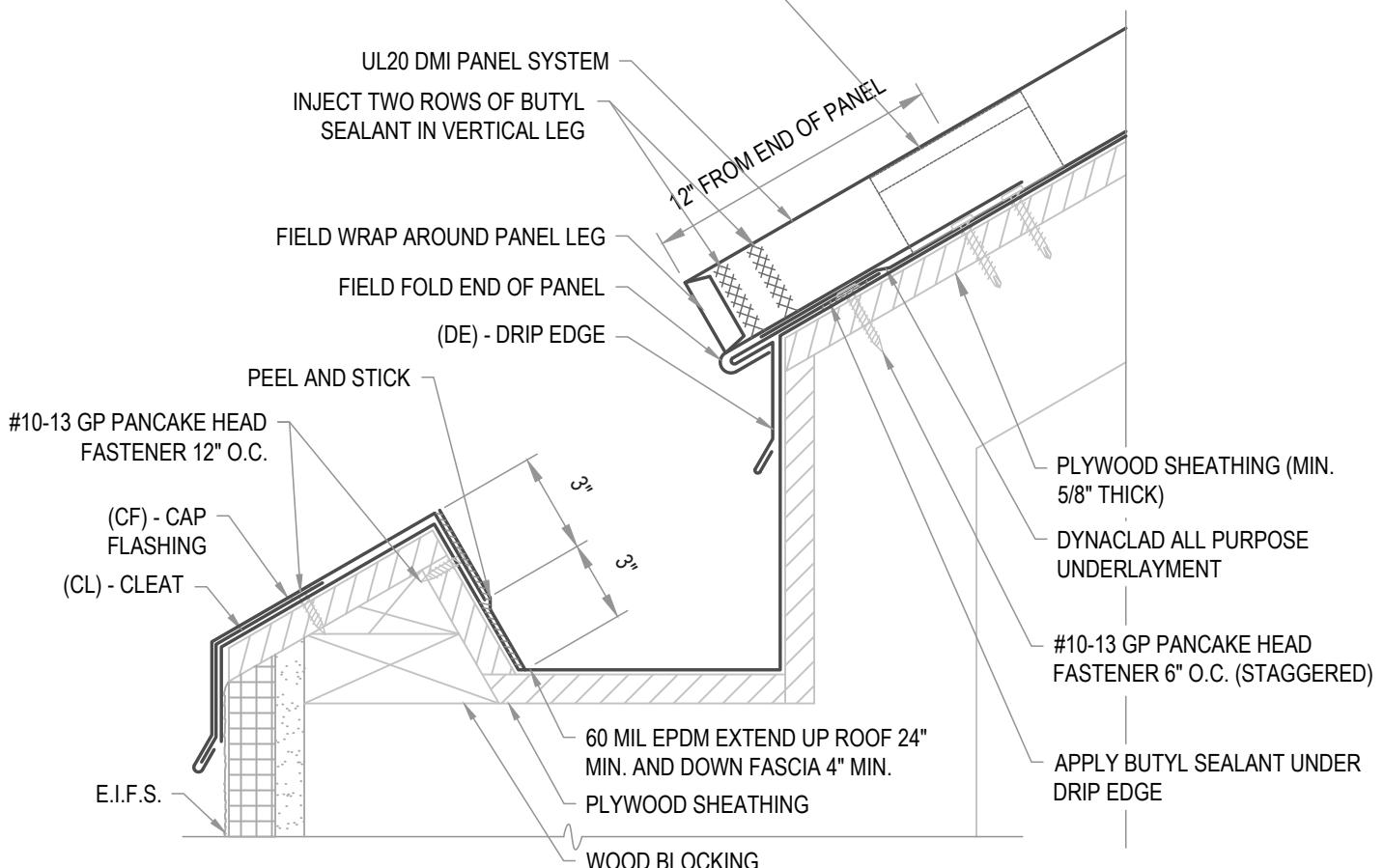
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DMI UL20 PANEL CLIP 30" O.C. MAX  
(FASTENED WITH 2 #14-13 X 1 1/2" MIN. DP1  
FASTENERS FASTENERS PENETRATING  
WOOD DECK 3/4" MIN.)



#### ARCHITECTURAL EAVE

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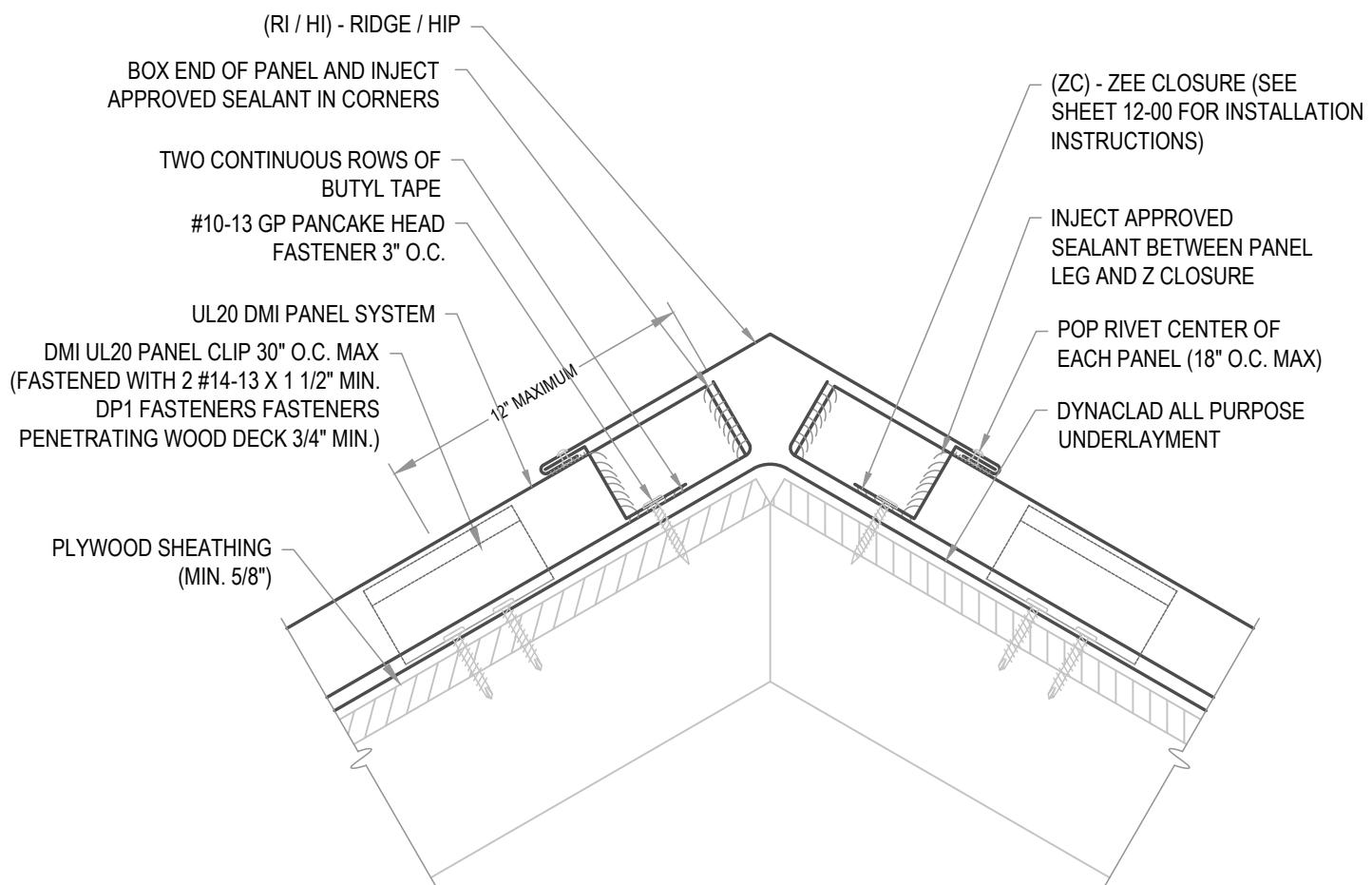
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**EXPANSION NOTE**

RIDGES EXCEEDING 100'-0" IN LENGTH REQUIRE THE USE OF A 6" COVER PLATE.

**FLASHING LAP NOTE**

LAP RIDGE/HIP 4" MIN W/ 2 ROWS OF BUTYL SEALANT.  
DO NOT POP RIVET LAPPED FLASHINGS.

**ARCHITECTURAL RIDGE / HIP**

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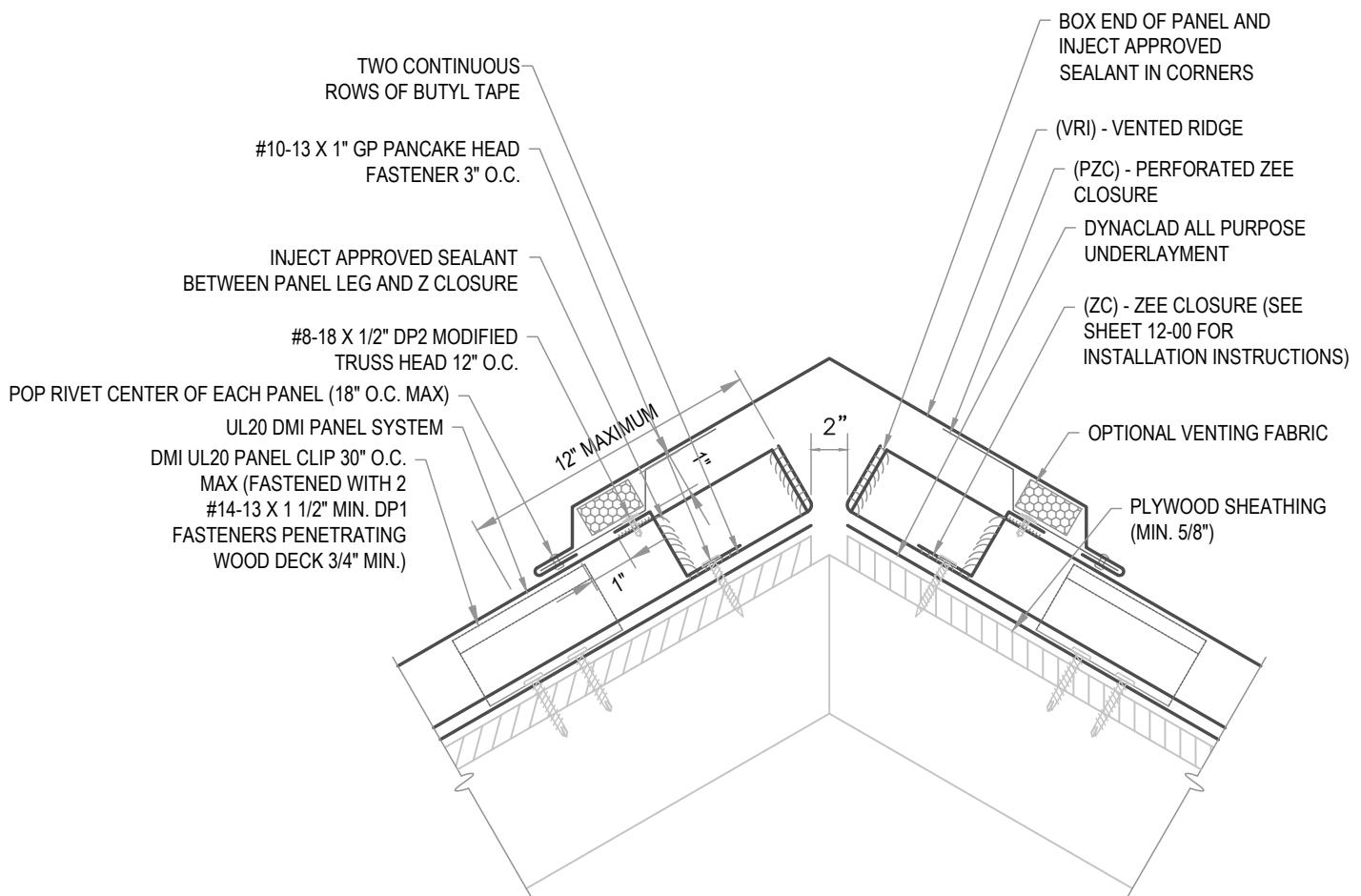
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**FLASHING LAP NOTE**  
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DO NOT POP RIVET LAPPED FLASHINGS.

**VENTILATION NOTE**  
DMI PERFORATED Z CLOSURE PROVIDES 23% NET FREE AIR MOVEMENT.  
HIP CONDITIONS CAN NOT BE VENTED.



## ARCHITECTURAL VENTED RIDGE

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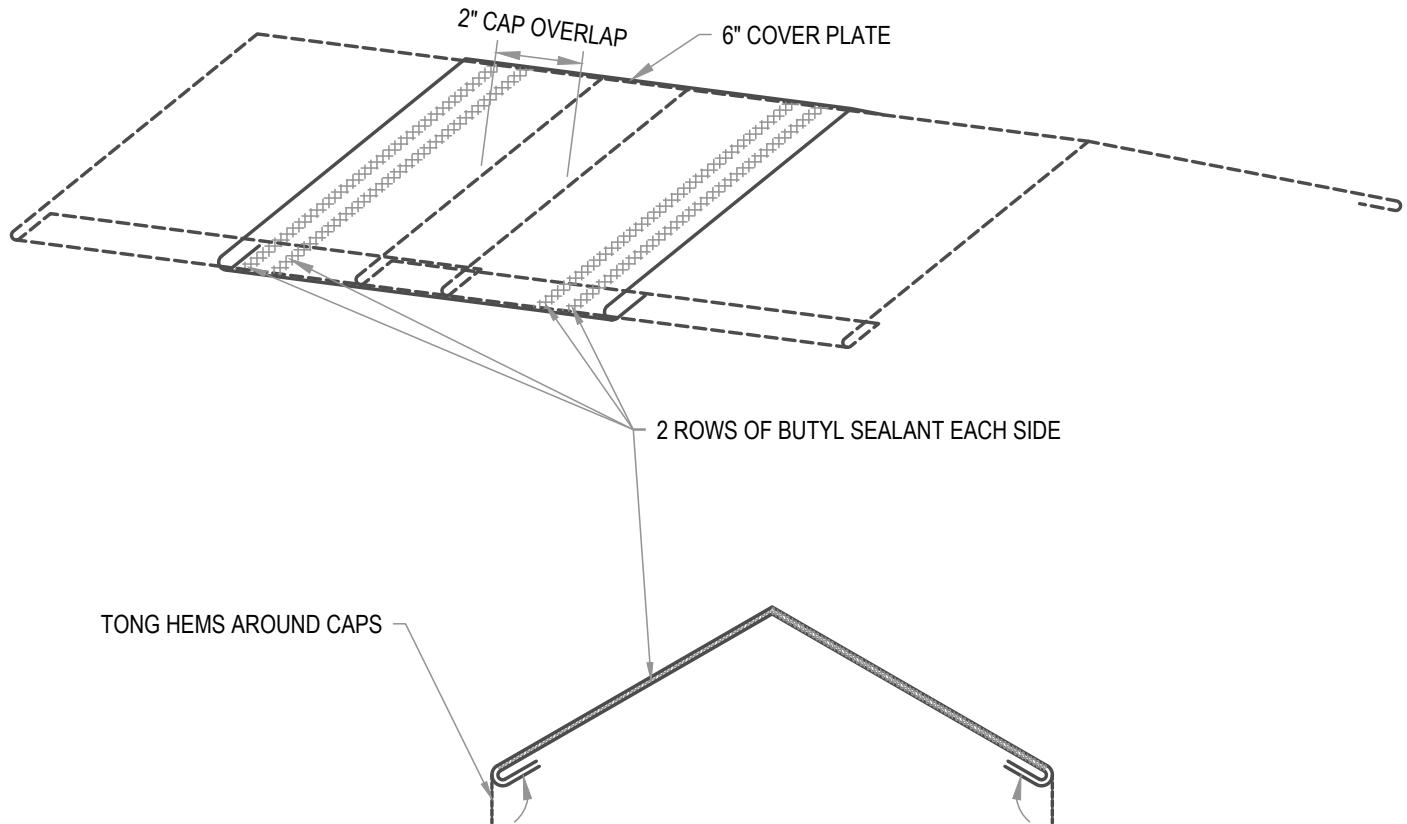
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**FLASHING LAP NOTE**

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**ARCHITECTURAL RIDGE COVER PLATE**

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FOR STEEL PANELS > 40' WITH A 2" TURN DOWN AND 2" HEM CLEARANCE:

1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.

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PANELS EXCEEDING 40' ADD 1" PER 10' TO EACH SIDE.

FOR ALUMINUM PANELS - CONTACT DMI

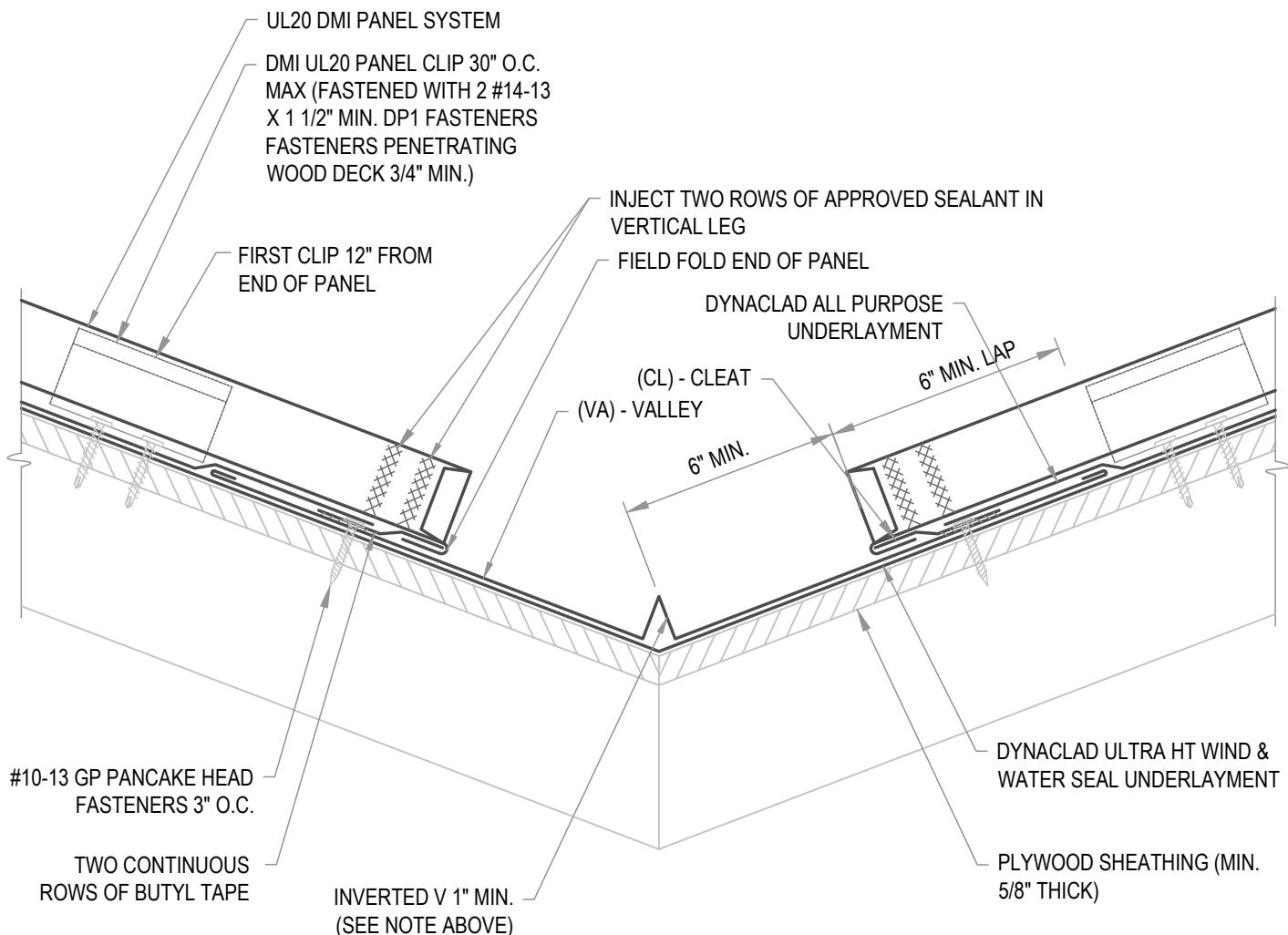
NOP POP RIVETS OR FASTENERS ON EXPOSED WEATHER SIDE OF CLEAT.

#### INVERTED V NOTE

ON ROOF PITCHES OVER 6:12 OR PANEL LENGTHS EXCEEDING 60' OR ON DISSIMILAR PITCHES INCREASE THE INVERTED V IN THE VALLEY TO 2".

#### FLASHING LAP NOTE

LAP VALLEY 8" MIN. WITH 2 ROWS OF APPROVED SEALANT.



#### ARCHITECTURAL VALLEY

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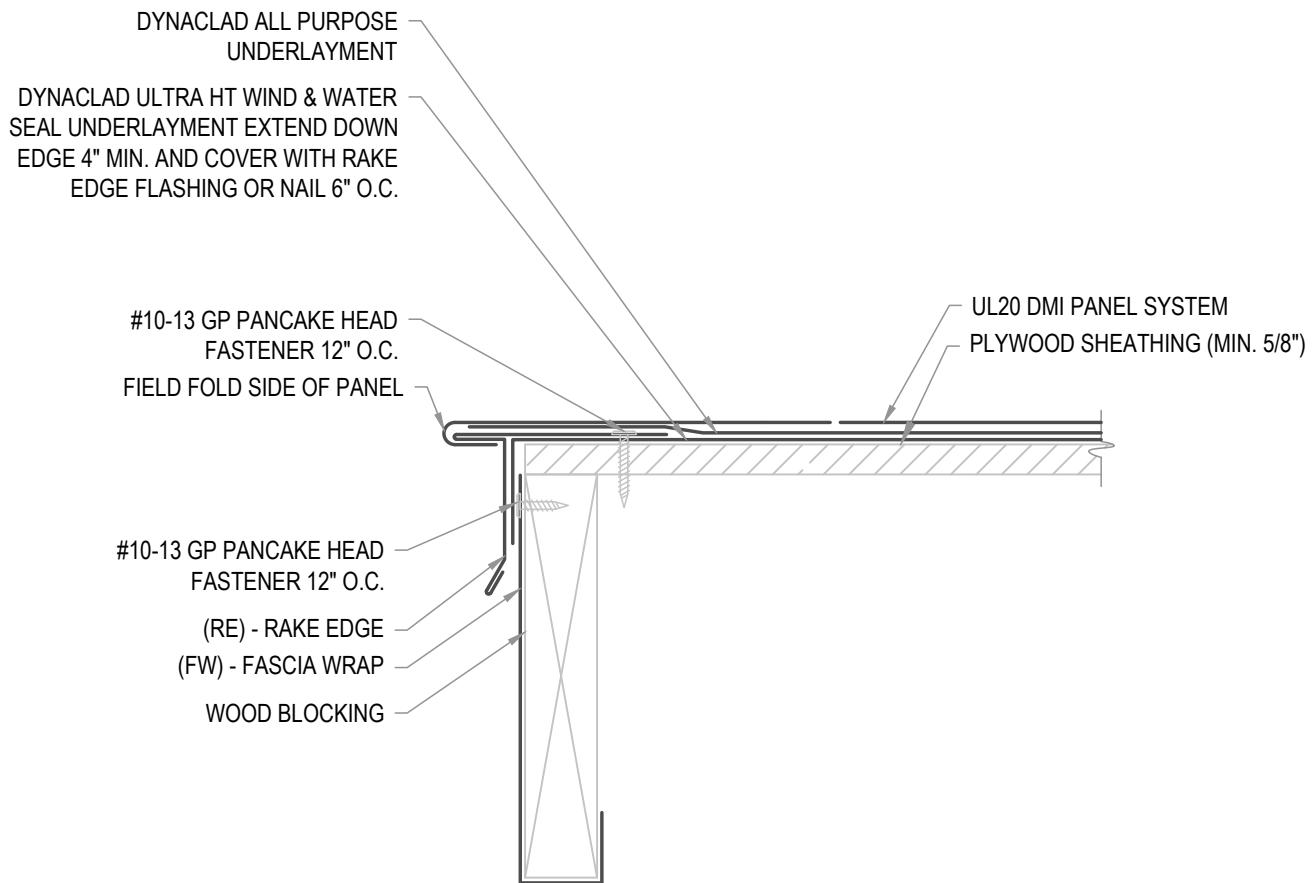
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FLASHING LAP NOTE

LAP RAKE EDGE AND FASCIA 2" MINIMUM WITH 1 ROW OF BUTYL SEALANT.



ARCHITECTURAL RAKE EDGE

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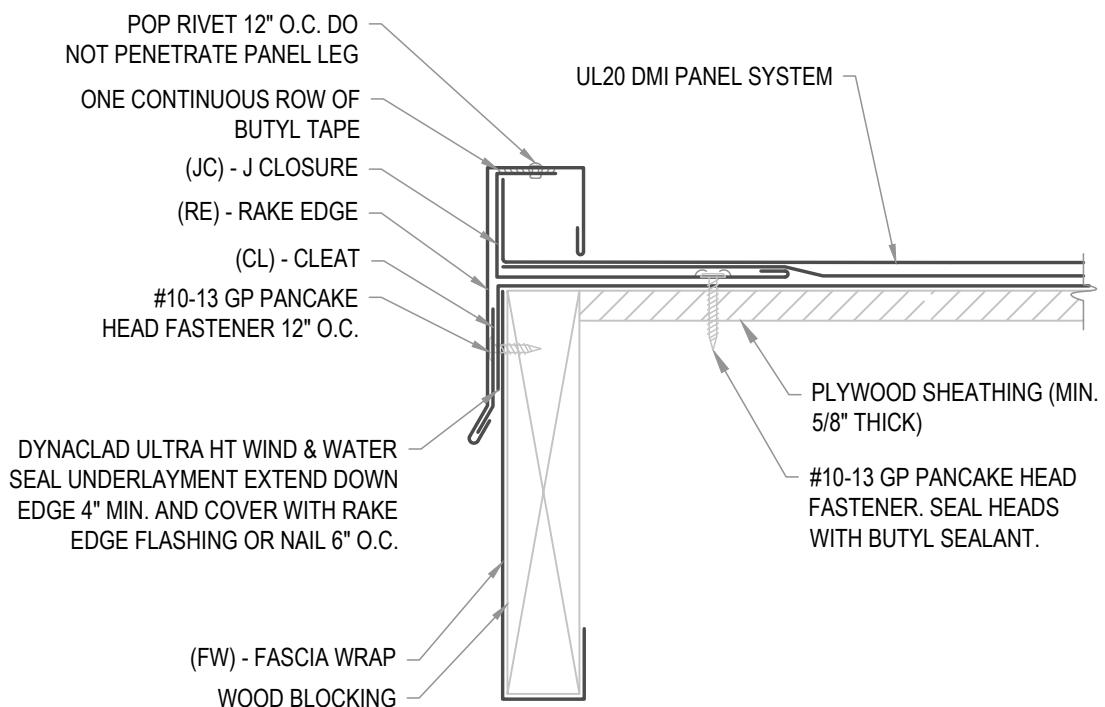
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FLASHING LAP NOTE

LAP RAKE EDGE AND FASCIA 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.



ARCHITECTURAL RAKE EDGE

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NOTE

REGLET FLASHING TO BE INSTALLED BELOW ALL WEEP HOLES.  
SURFACED MOUNT COUNTERFLASHINGS NOT ACCEPTABLE..

FLASHING LAP NOTE

LAP RAKE WALL REGLET 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.

MASONRY (MUST BE PRIMED BEFORE UNDERLayment INSTALLATION)

MASONRY WEEP THROUGH WALL  
FLASHING

STAINLESS STEEL CAVITY WALL  
FLASHING

WEDGE SPACED 12" O.C.

CONTINUOUS NOVA  
FLEX SEALANT

(RC) - REGLET COUNTERFLASHING

(RW) - RAKE WALL

ONE CONTINUOUS ROW OF BUTYL  
TAPE

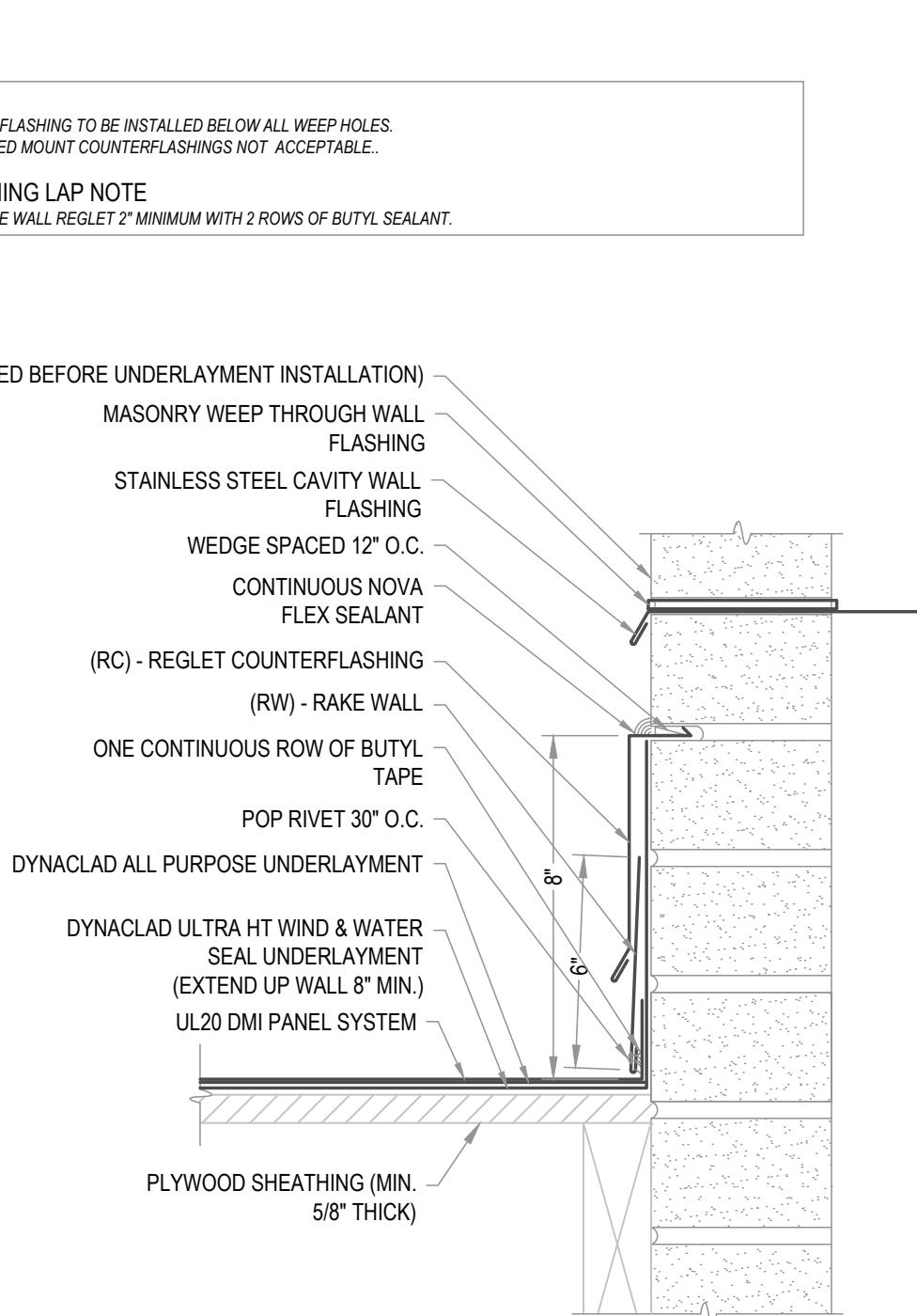
POP RIVET 30" O.C.

DYNACLAD ALL PURPOSE UNDERLayment

DYNACLAD ULTRA HT WIND & WATER  
SEAL UNDERLayment  
(EXTEND UP WALL 8" MIN.)

UL20 DMI PANEL SYSTEM

PLYWOOD SHEATHING (MIN.  
5/8" THICK)



ARCHITECTURAL RAKE WALL

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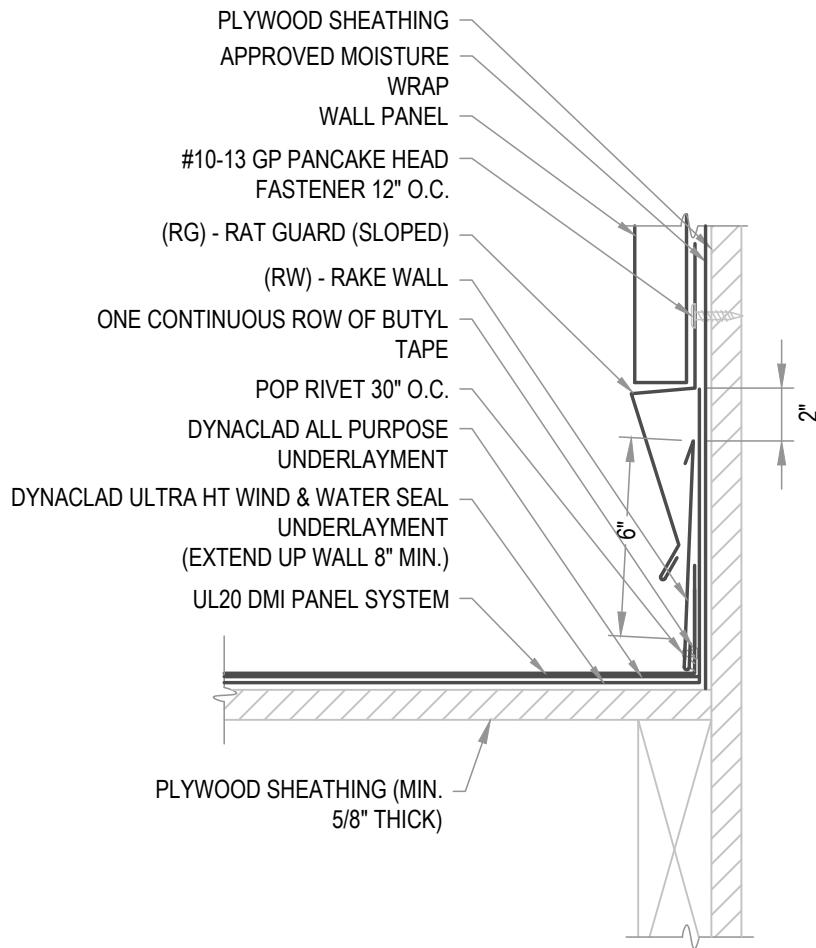
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FLASHING LAP NOTE

LAP RAKE WALL AND RAT GUARD (SLOPED) 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.



ARCHITECTURAL RAKE WALL

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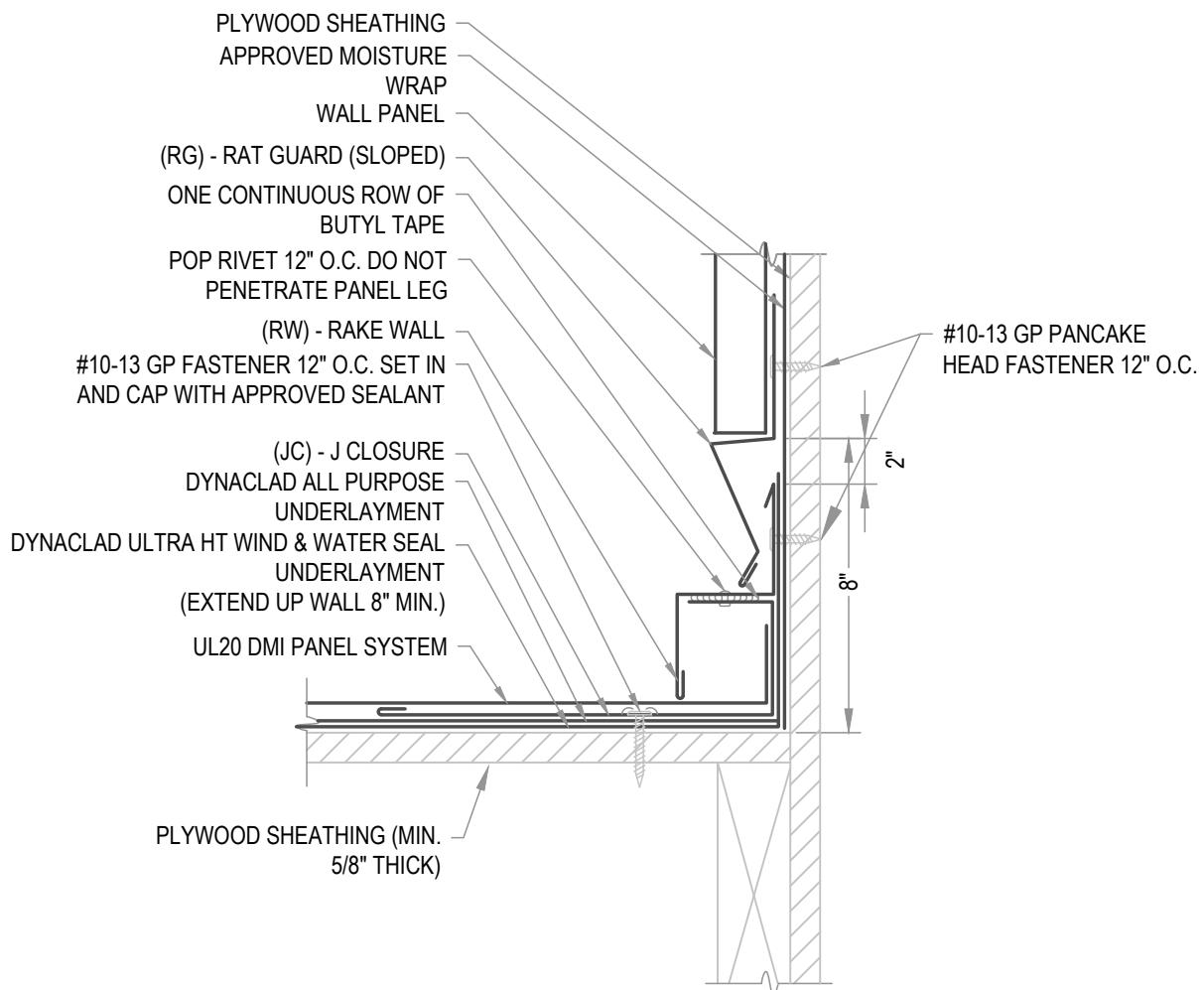
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**FLASHING LAP NOTE**

LAP RAKE WALL AND RAT GUARD (SLOPED) 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.



**ARCHITECTURAL RAKE WALL**

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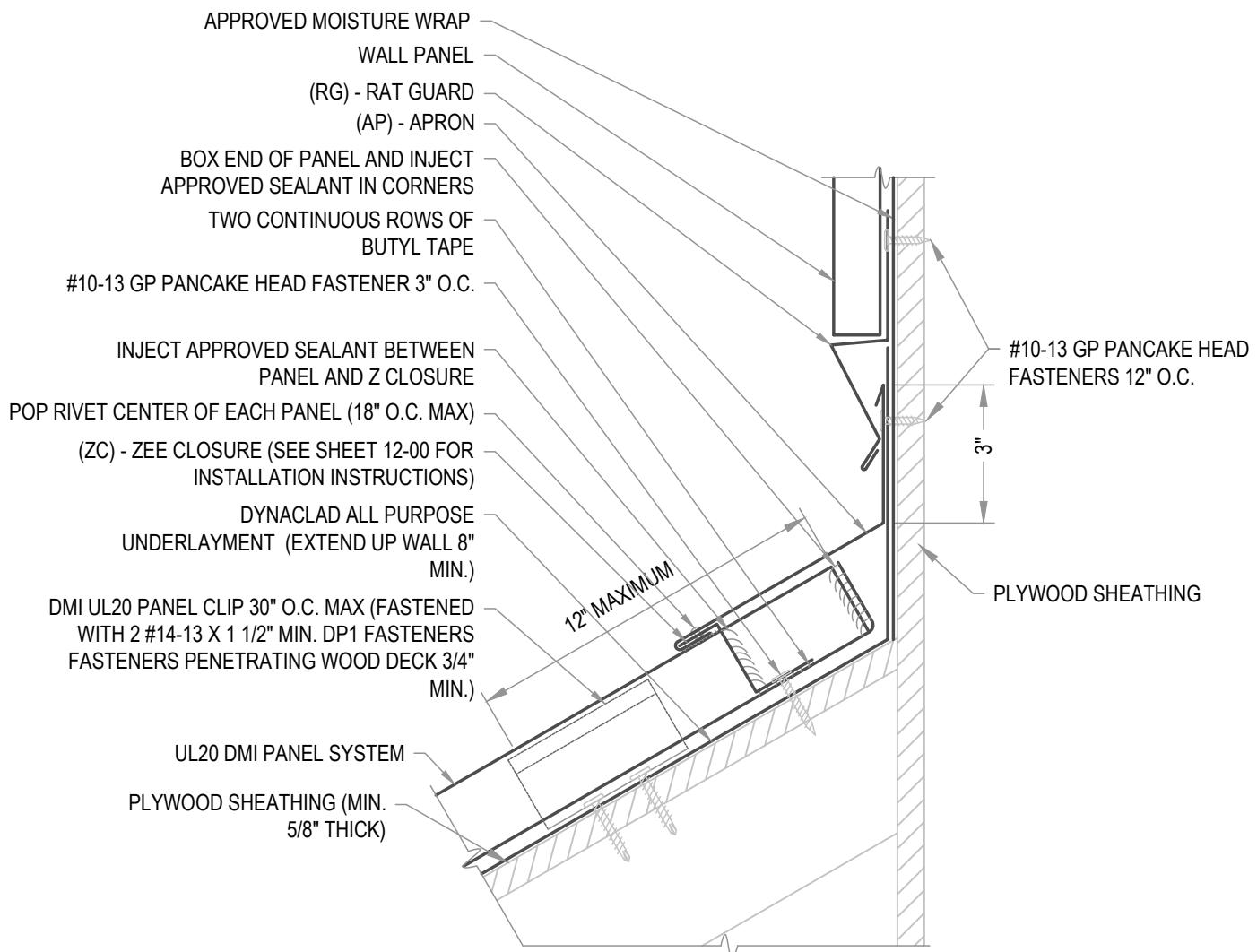
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**3"=1'-0"**

**FLASHING LAP NOTE**

LAP APRON AND RAT GUARD (SLOPED) 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.



ARCHITECTURAL APRON W/ WALL PANEL

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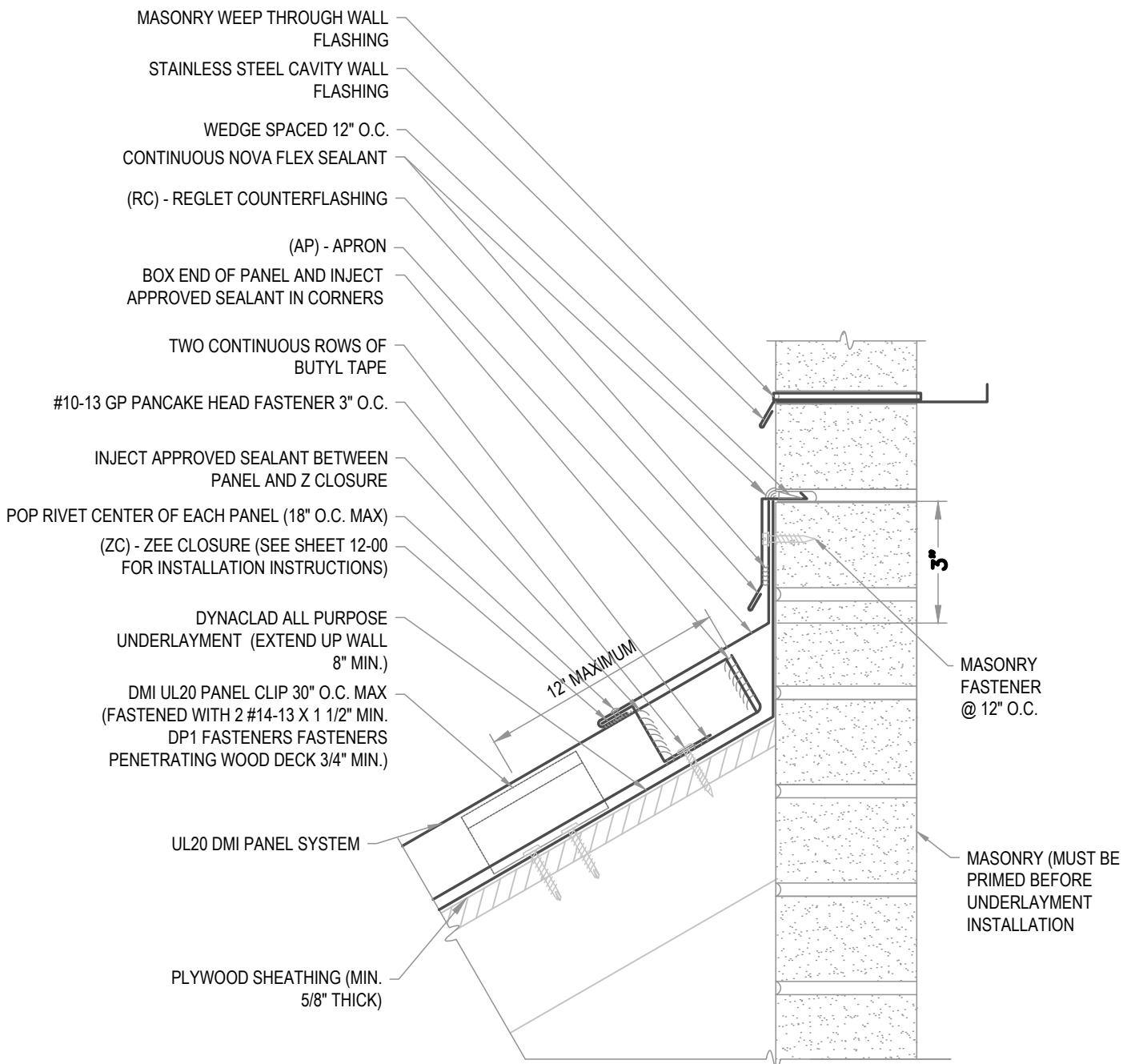
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**ARCHITECTURAL APRON**

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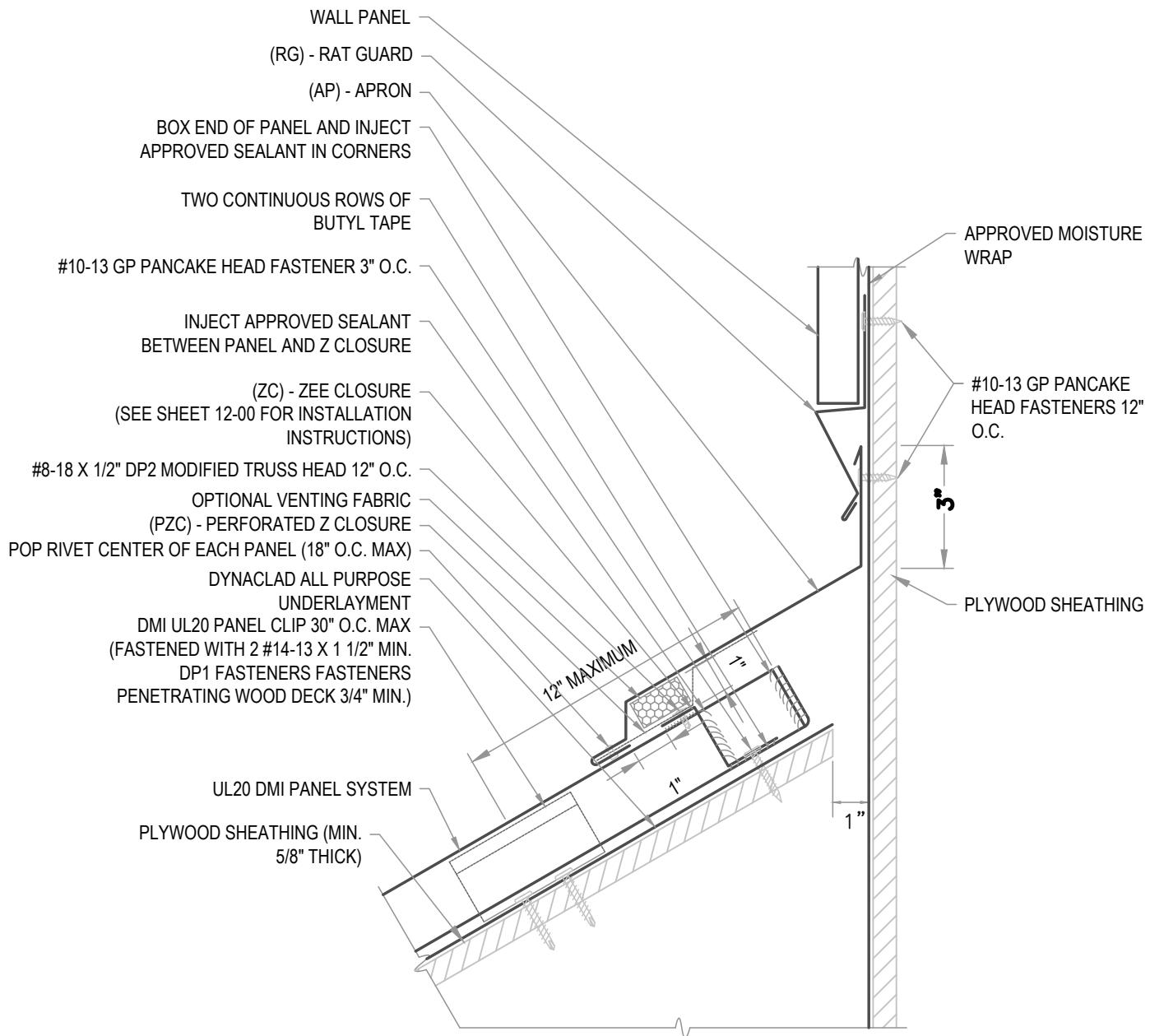
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**VENTILATION NOTE**

DMI PERFORATED Z CLOSURE PROVIDES 23% NET FREE AIR MOVEMENT.

**ARCHITECTURAL VENTED APRON**

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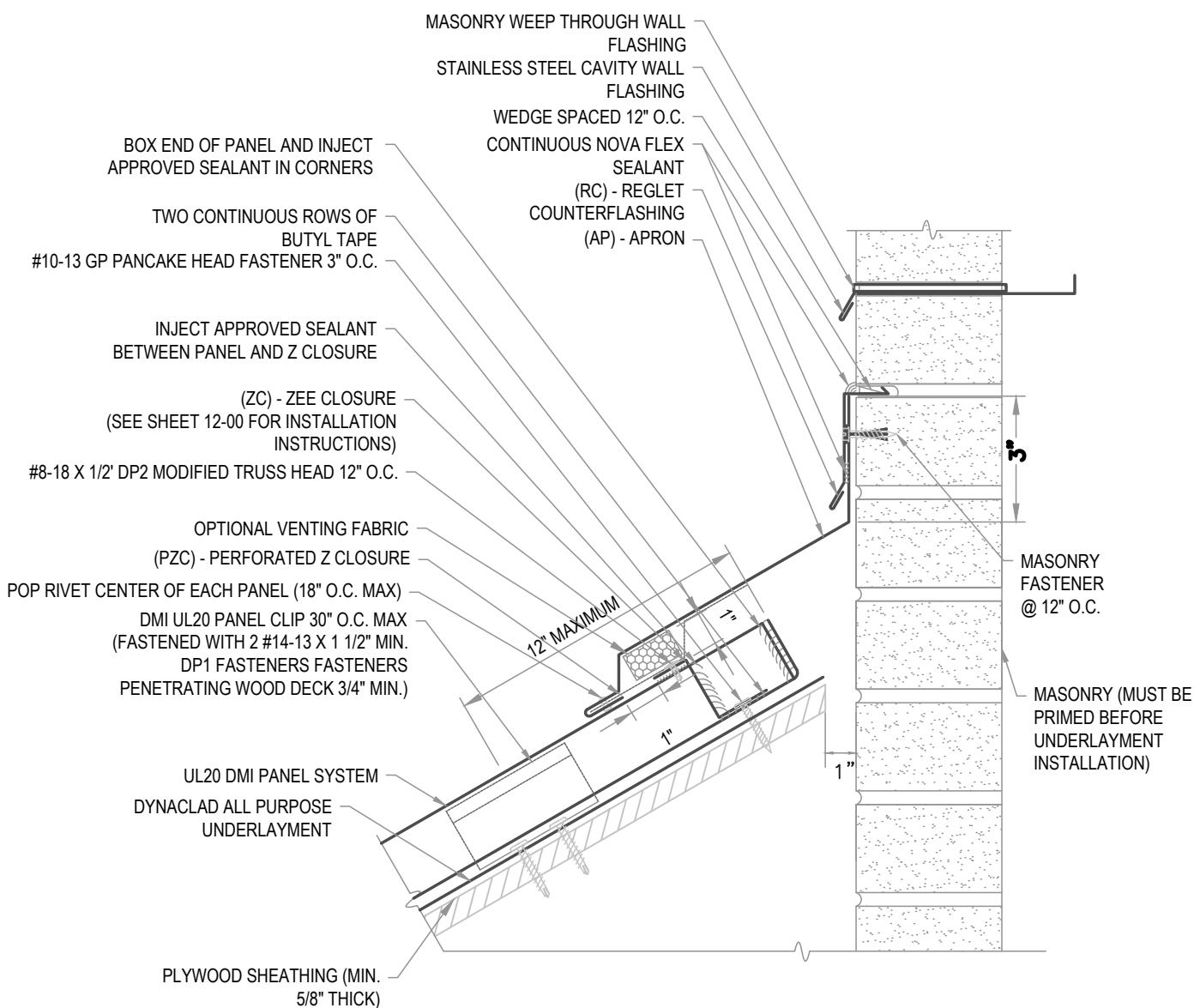
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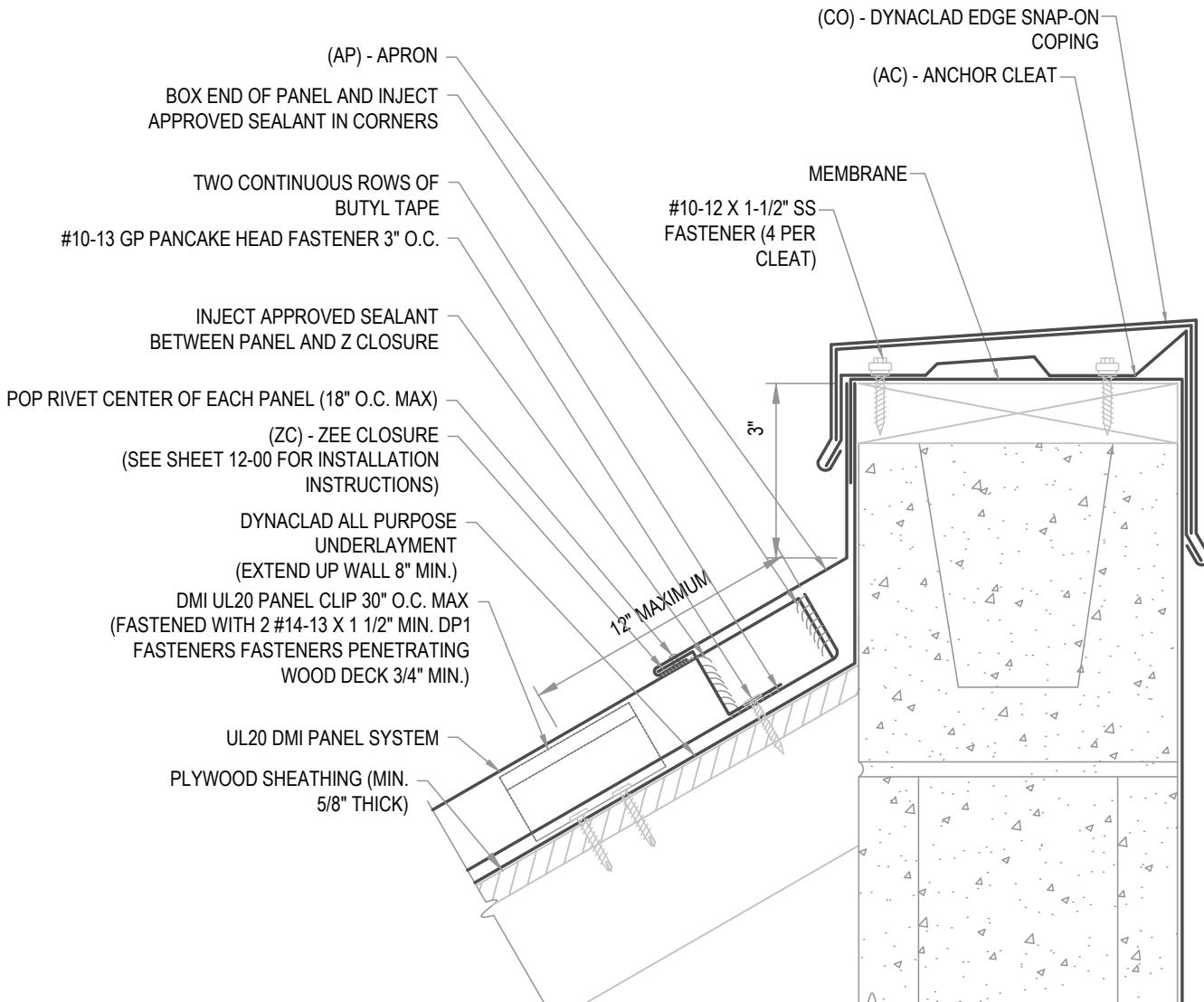
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**FLASHING LAP NOTE**

LAP APRON AND REGLET 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.

**COPING NOTE**

SEE DMI DYNACLAD INSTALLATION GUIDE FOR COMPLETE FASTENING INSTALLATION  
INFORMATION FOR ES-1 RATED SNAP-ON COPING



**ARCHITECTURAL APRON W/ COPING**

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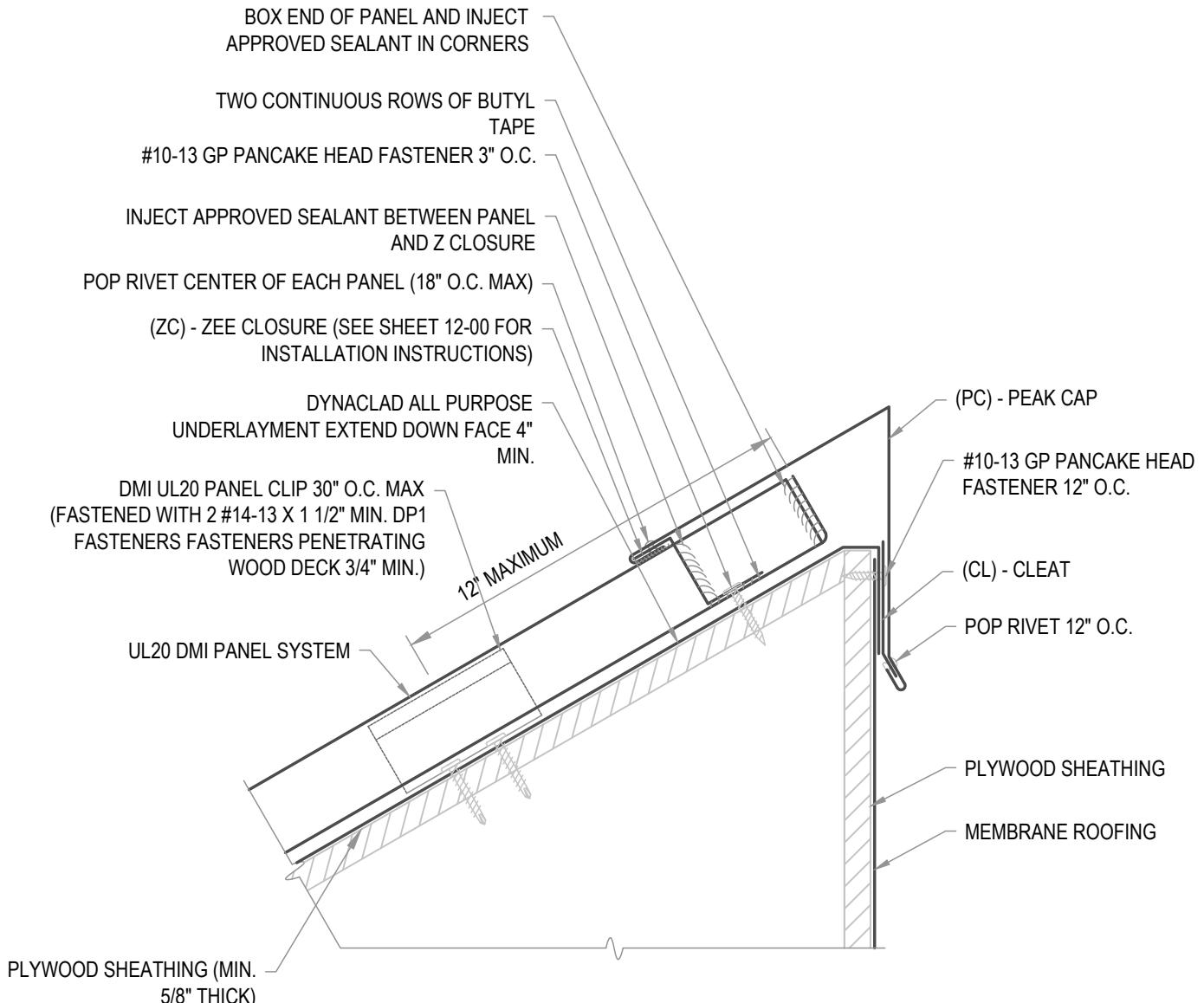
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**EXPANSION NOTE**

PEAK CAPS EXCEEDING 100'-0" IN LENGTH REQUIRE THE USE OF A 6" COVER PLATE.

**FLASHING LAP NOTE**

LAP PEAK AND CLEATS 2" MIN W/ 2 ROWS OF BUTYL SEALANT.  
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**ARCHITECTURAL PEAK**

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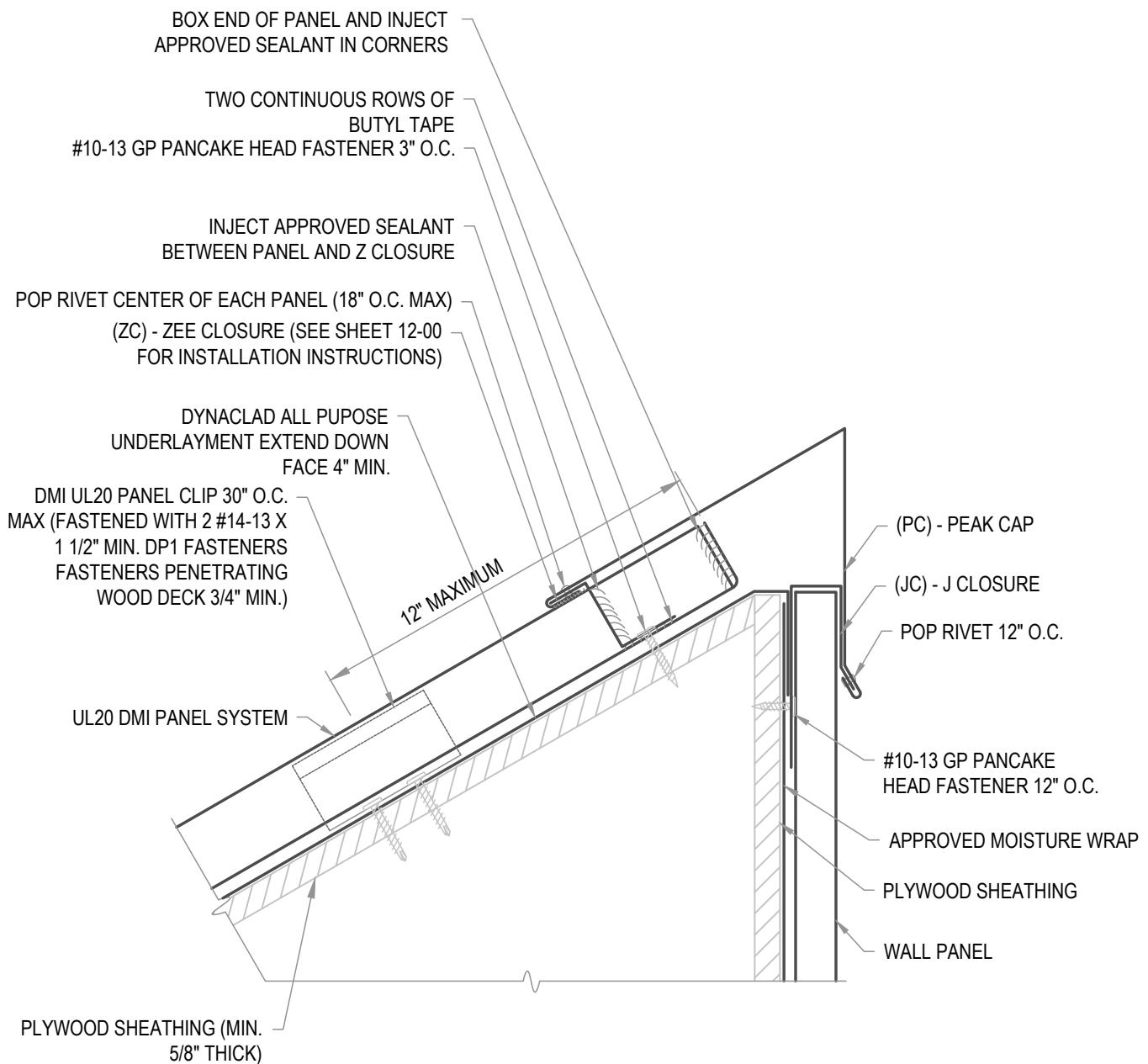
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**ARCHITECTURAL PEAK W/ WALL PANEL**

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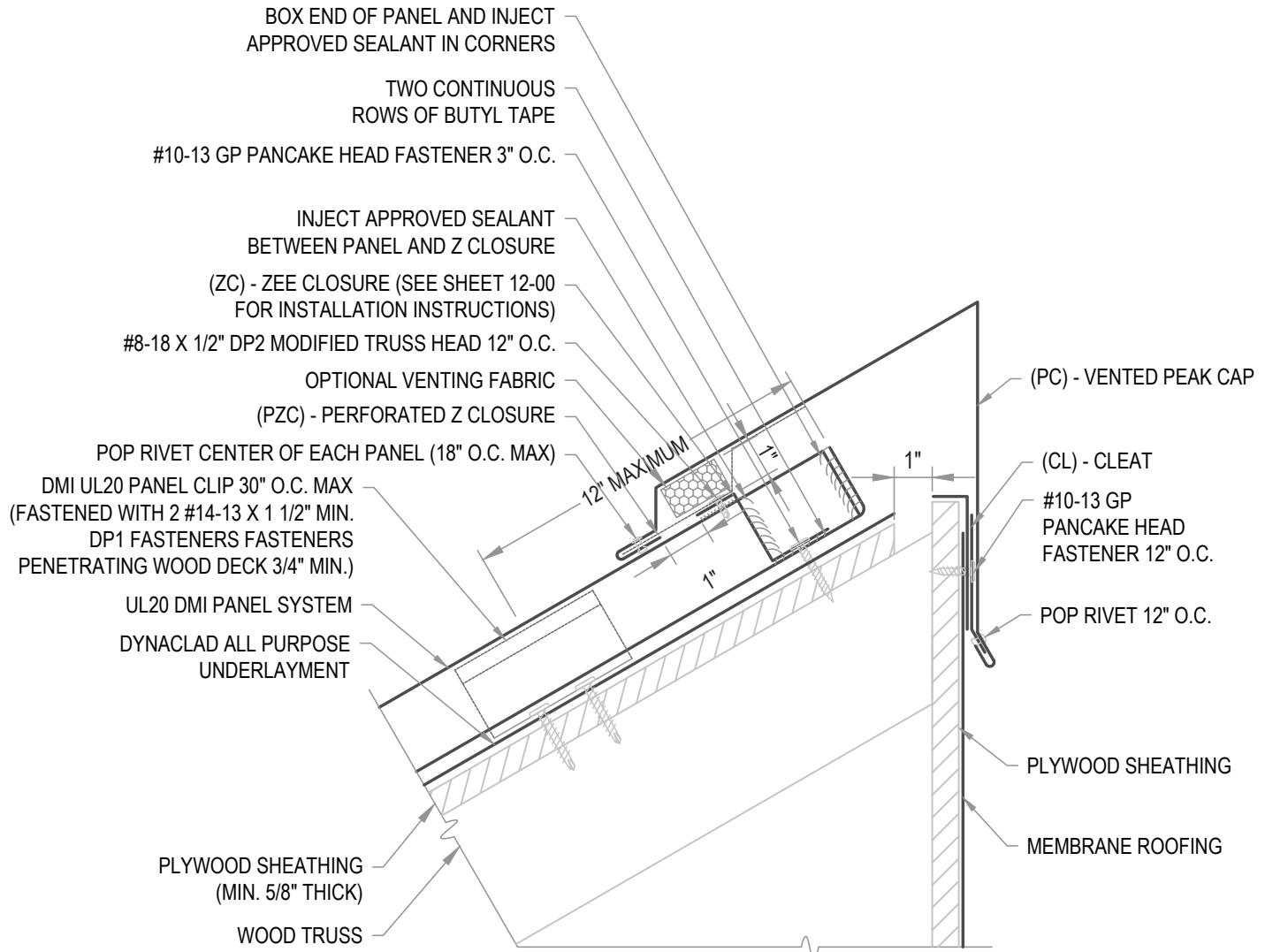
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**ARCHITECTURAL VENTED PEAK**  
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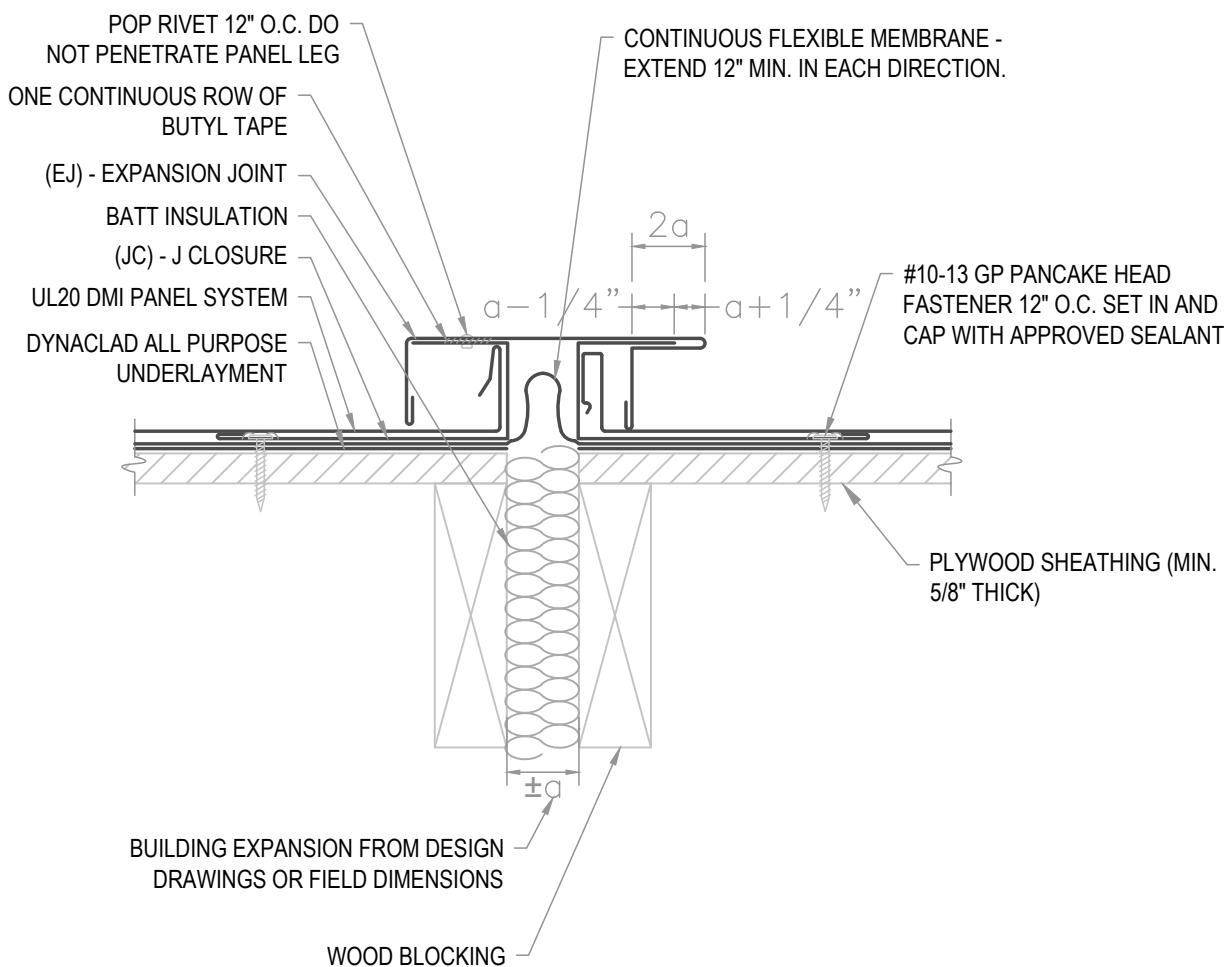
02/21

Scale:

3"=1'-0"

**FLASHING LAP NOTE**

LAP EXPANSION JOINT AND (JC) - J CLOSURE 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.



**ARCHITECTURAL EXPANSION JOINT**

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Detail:

**UL20-08-00-WA**

Issue/Rev Date:

**02/21**

Scale:

**3"=1'-0"**

**NOTE**

REGLET FLASHING TO BE INSTALLED BELOW ALL WEEP HOLES.  
SURFACED MOUNT COUNTERFLASHINGS NOT ACCEPTABLE..

**FLASHING LAP NOTE**

LAP RAKE WALL AND REGLET 2" MINIMUM WITH 2 ROWS OF BUTYL SEALANT.

MASONRY (MUST BE PRIMED BEFORE INSTALLATION)

MASONRY WEEP THROUGH WALL  
FLASHING

STAINLESS STEEL CAVITY WALL  
FLASHING

WEDGE SPACED 12" O.C.

CONTINUOUS NOVA FLEX SEALANT

(RC) - REGLET  
COUNTERFLASHING

MASONRY FASTENER @ 12" O.C.

(RWEJ) - RAKE WALL  
EXPANSION JOINT

(JC) - J CLOSURE  
#10-13 GP PANCAKE HEAD  
FASTENER 12" O.C. SET IN AND CAP  
WITH APPROVED SEALANT

DYNACLAD ALL PURPOSE  
UNDERLayment  
DYNACLAD ULTRA HT WIND & WATER  
SEAL UNDERLayment

UL20 DMI PANEL SYSTEM  
PLYWOOD SHEATHING (MIN.  
5/8" THICK)

$a - 1/4''$

$2a$

$a + 1/4''$

$a$

$2a$

$a$

WOOD BLOCKING  
BATT INSULATION  
BUILDING EXPANSION FROM DESIGN  
DRAWINGS OR FIELD DIMENSIONS



## ARCHITECTURAL EXPANSION JOINT

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Scale:

**3"=1'-0"**

**PANEL EXPANSION NOTE**

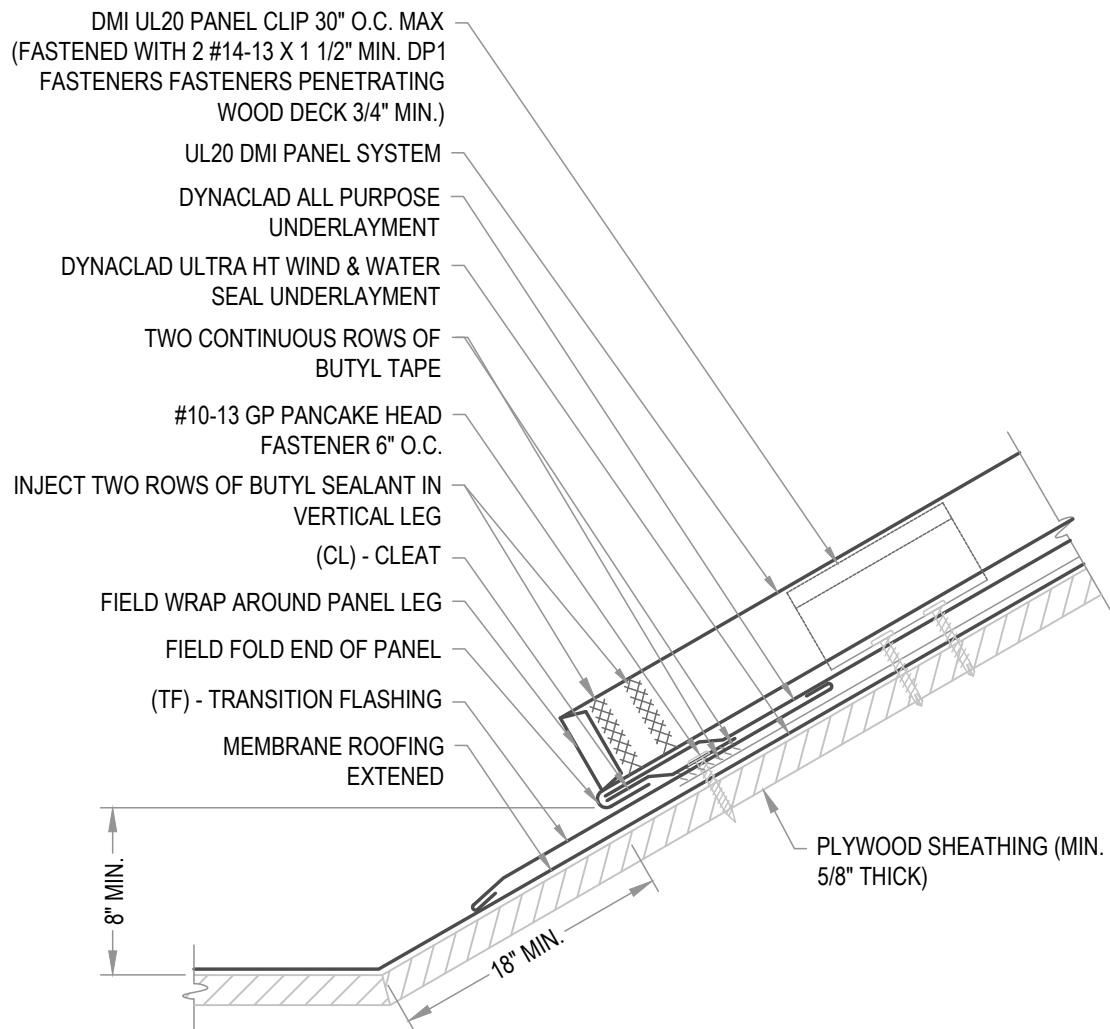
FOR STEEL PANELS < 40' WITH A 1 1/2" TURN DOWN AND 1 1/2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT..

FOR STEEL PANELS > 40' WITH A 2" TURN DOWN AND 2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT.

FOR ALUMINUM PANELS - CONTACT DMI

**FLASHING LAP NOTE**

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.

**ARCHITECTURAL TRANSITION**

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**UL20-09-00-WA**

Issue/Rev Date:

02/21

Scale:

3"=1'-0"

**PANEL EXPANSION NOTE**

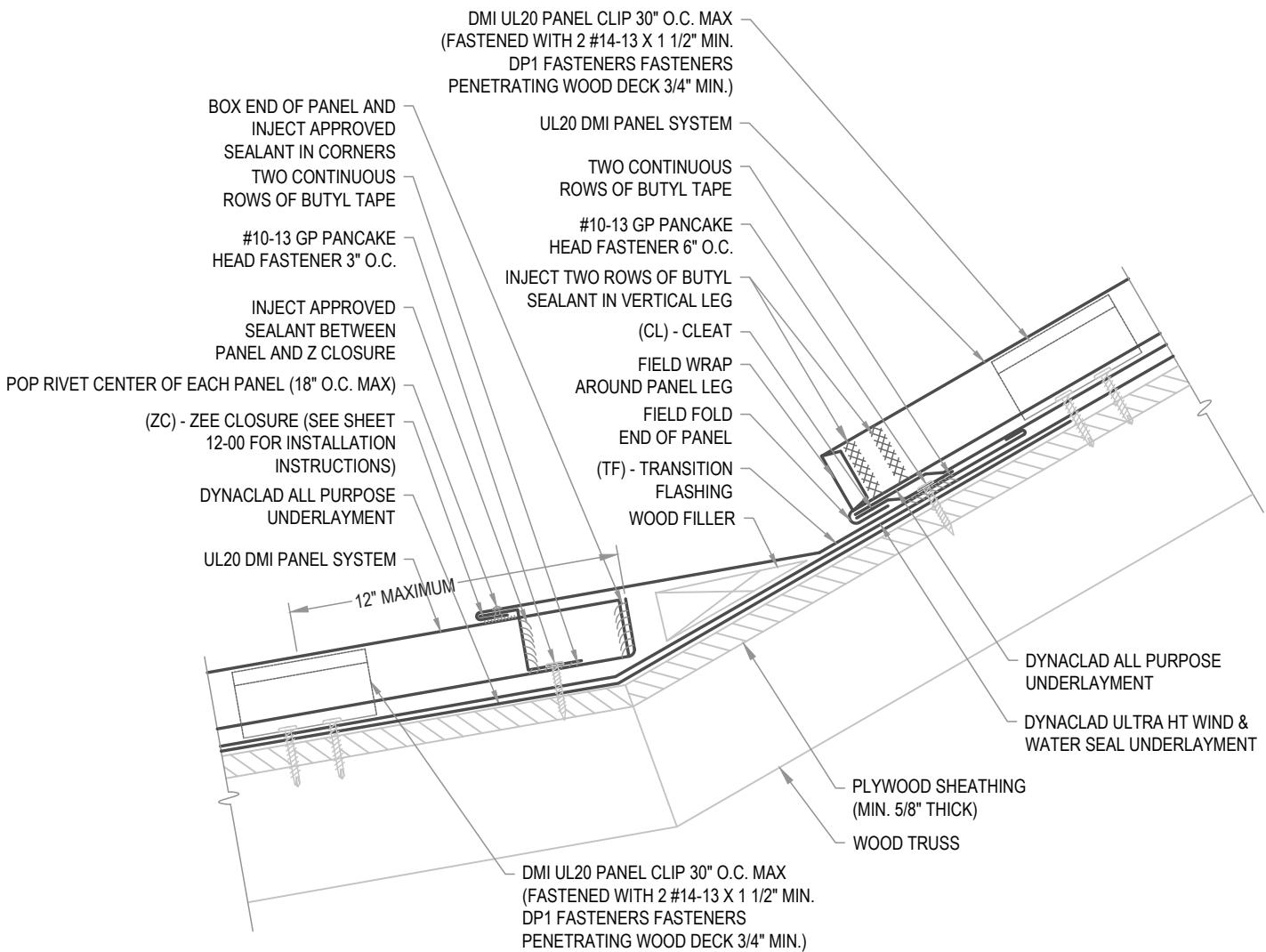
FOR STEEL PANELS < 40' WITH A 1 1/2" TURN DOWN AND 1 1/2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT..

FOR STEEL PANELS > 40' WITH A 2" TURN DOWN AND 2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT.

FOR ALUMINUM PANELS - CONTACT DMI

**FLASHING LAP NOTE**

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.



**ARCHITECTURAL LOW TO HIGH SLOPE TRANSITION**

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Detail:

**UL20-09-01-WA**

Issue/Rev Date:

02/21

Scale:

3"=1'-0"

**PANEL EXPANSION NOTE**

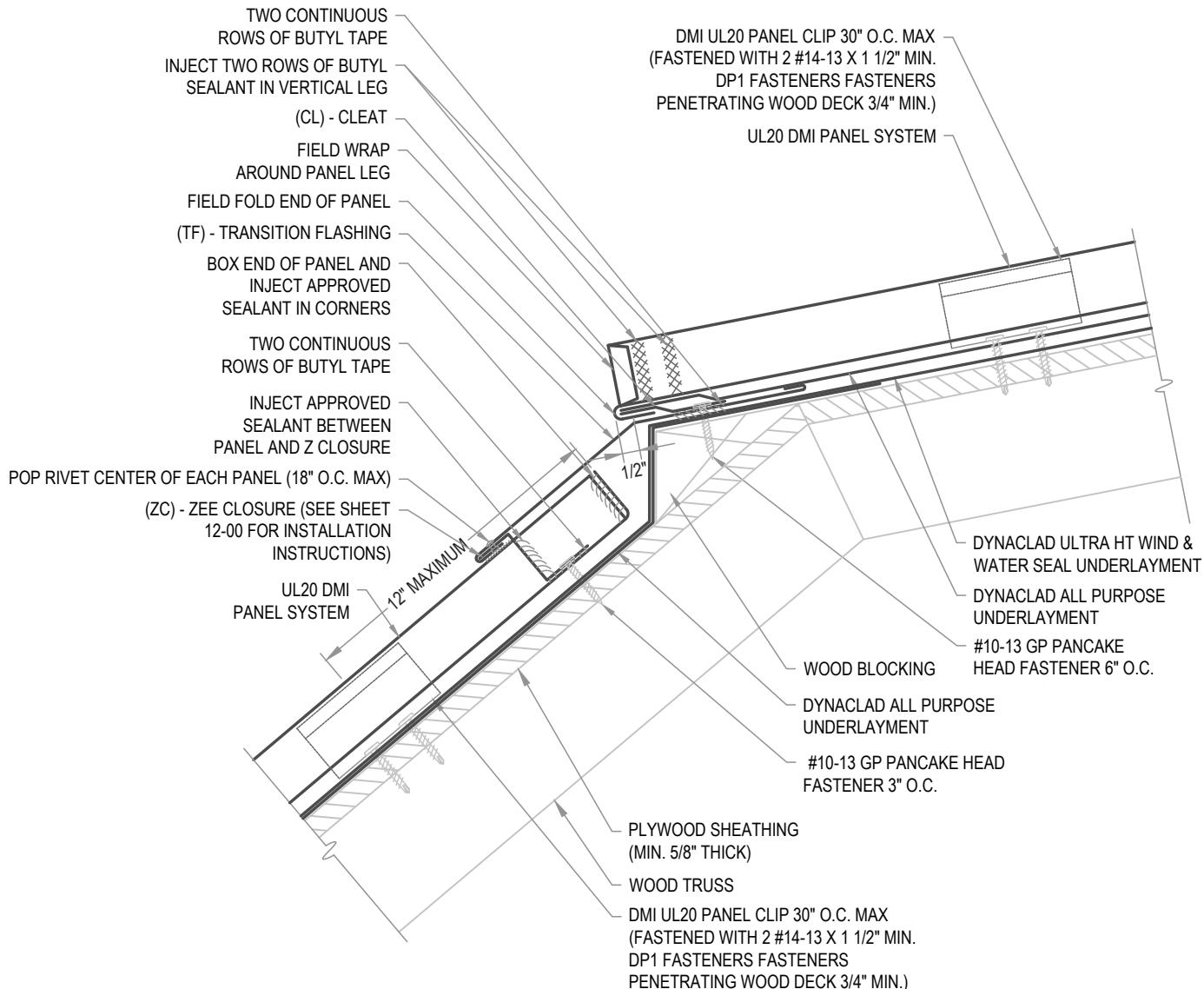
FOR STEEL PANELS < 40' WITH A 1 1/2" TURN DOWN AND 1 1/2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT..

FOR STEEL PANELS > 40' WITH A 2" TURN DOWN AND 2" HEM CLEARANCE:  
 1. 1/4" FOR INSTALLATION TEMPERATURE BELOW 30 DEGREES FARENHEIT.  
 2. 1/2" FOR INSTALLATION TEMPERATURE ABOVE 30 DEGREES FARENHEIT.

FOR ALUMINUM PANELS - CONTACT DMI

**FLASHING LAP NOTE**

LAP FLASHINGS 2" MIN W/ 1 ROW OF BUTYL SEALANT.



**ARCHITECTURAL HIGH TO LOW SLOPE TRANSITION**

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Issue/Rev Date:

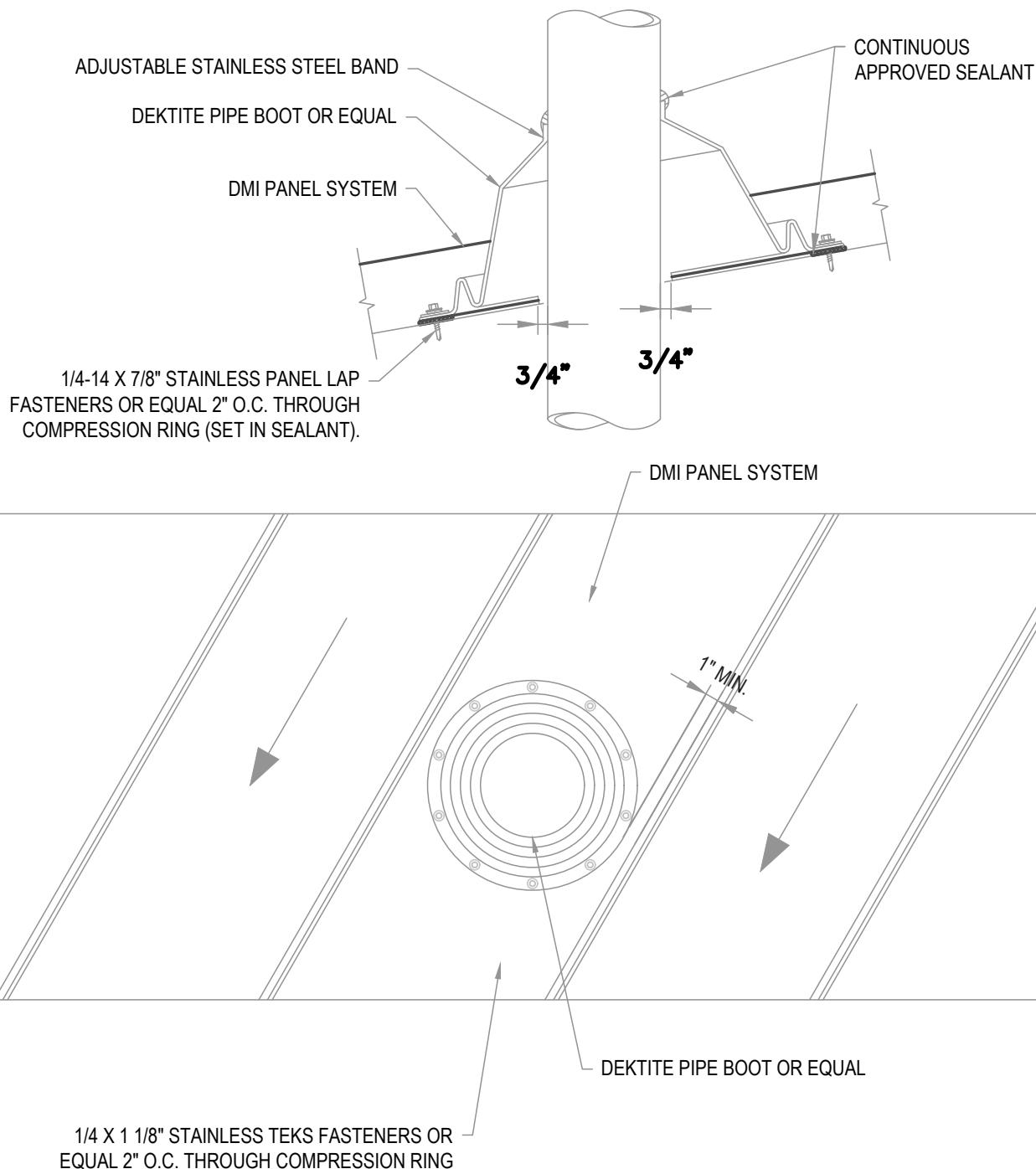
02/21

Scale:

3"=1'-0"

**NOTE**

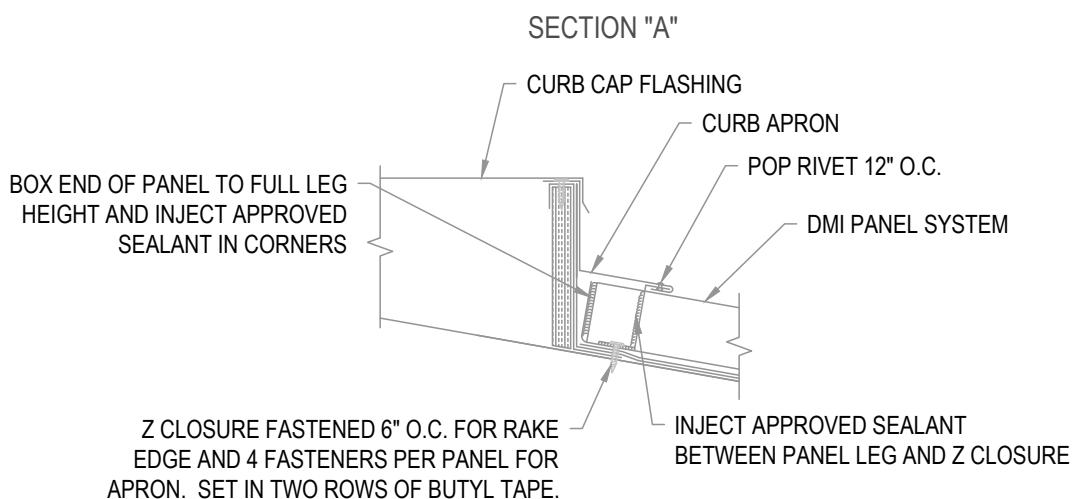
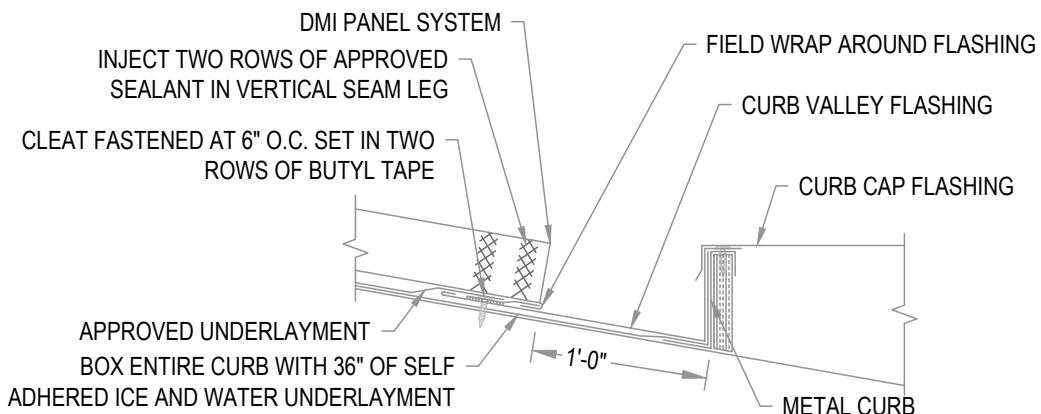
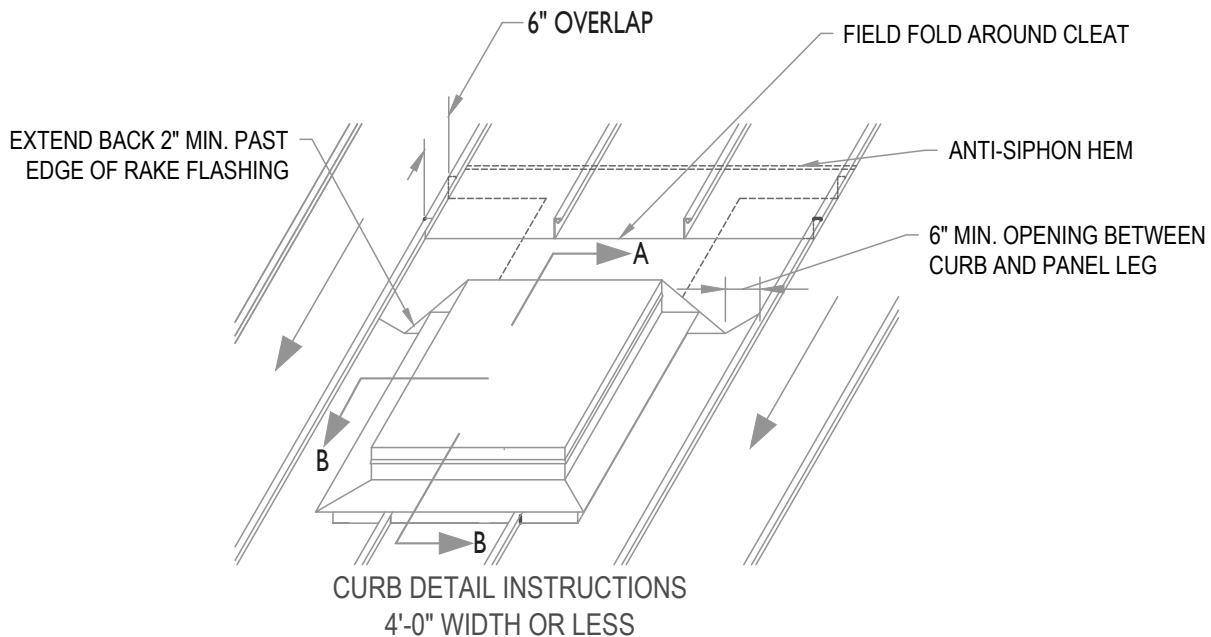
DO NOT ATTACH INTO SOLID SUBSTRATE BELOW.  
BOOT SHALL NOT INTERSECT STANDING SEAM VERTICAL LEG. INSTALL IN FLAT AREA OF PANEL ONLY.  
IF USING A SQUARE BOOT DETAIL BE SURE TO SET BOOT IN A DIAGONAL OR DIAMOND TO ALLOW WATER FLOW.

**ARCHITECTURAL PIPE BOOT DETAIL**

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#### SECTION "B"



#### ARCHITECTURAL CURB

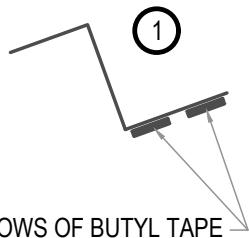
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Detail:	UL20-11-00-WA	
Issue/Rev Date:	02/21	Scale: 3"=1'-0"

Step 1: Apply two rows of butyl tape to underside of zee.

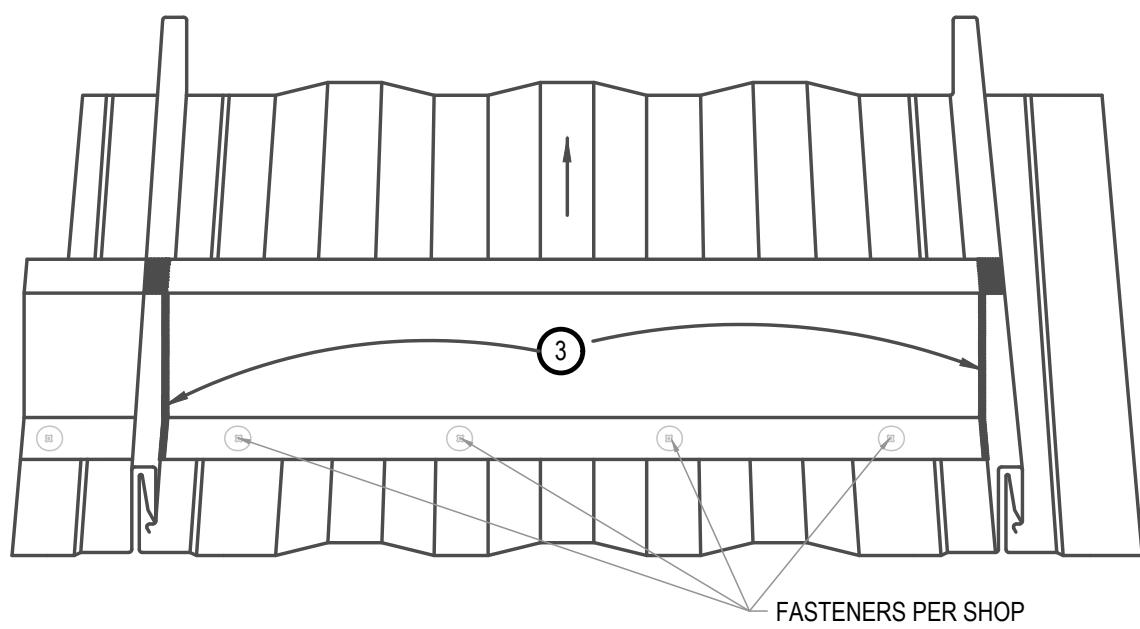
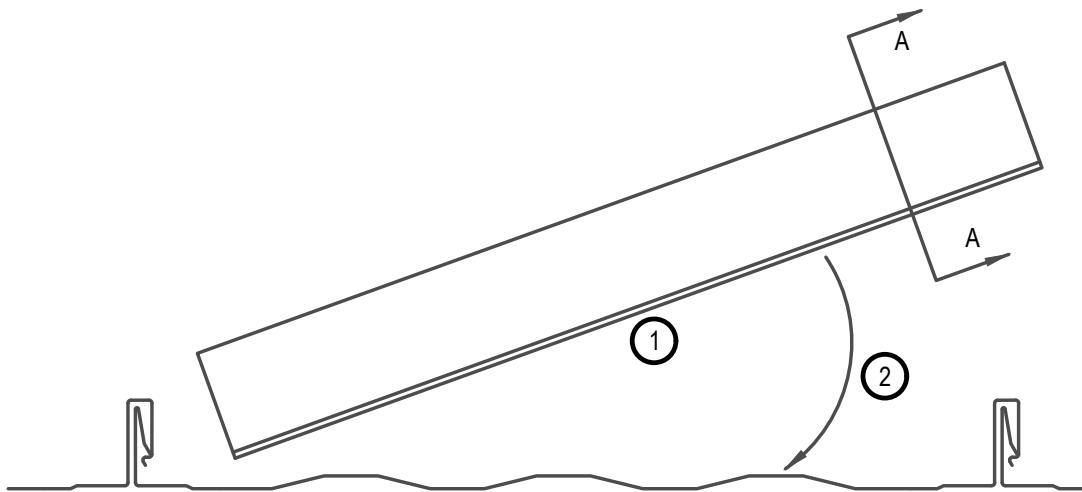
Step 2: Install zee closure.

Step 3: Seal all contact points of zee and panel legs. Also seal over top of panel leg.



TWO ROWS OF BUTYL TAPE

SECTION A-A



FASTENERS PER SHOP DRAWINGS



## ARCHITECTURAL Z INSTALLATION GUIDE

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