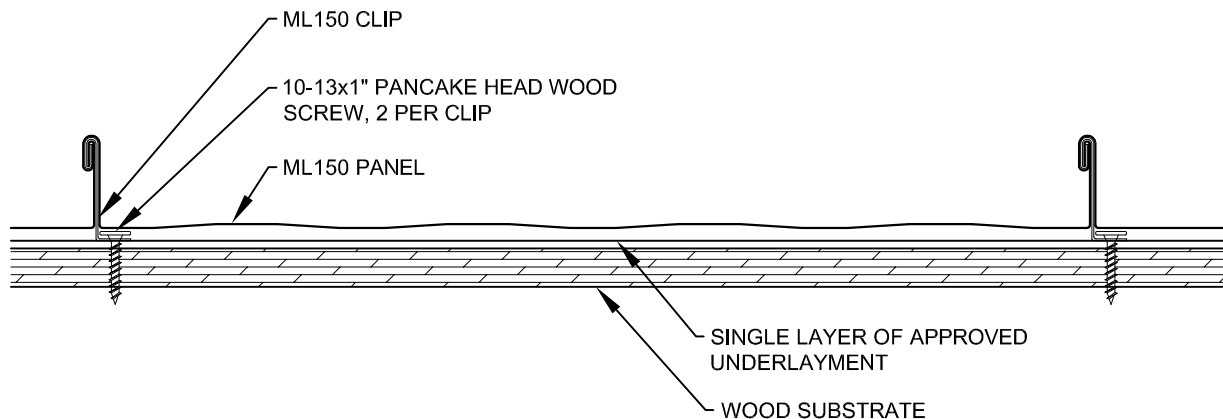




ML150 Standing Seam Wood Substrate Master Details

Architectural / Solid Substrate / Steep Slope

The following details are commonly used over steep sloped applications including those over solid substrates such as plywood or steel decking with rigid insulation. Such details are largely based on hydrokinetic (water shedding) design principles and architectural detailing.



FAYETTEVILLE, NC
888-685-7663

SPENCER, NC
800-526-8156

ANDERSON, SC
800-544-5169

TIFTON, GA
800-962-9131

ORANGE, VA
800-762-6785

OCALA, FL
800-331-3584

VICKSBURG, MS
888-661-0577

TIPP CITY, OH
877-615-9812

OKLAHOMA CITY, OK
866-373-5286

SCRANTON, PA
866-695-6455



ML150 Standing Seam -Wood Substrate-

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System Overview - Clips	0.21
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Thermal Gap Installation Chart - Aluminum.....	0.31

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Extended Eave - Steep Slope	1.10A
Extended Eave with Gutter	1.20
Extended Eave with Gutter - Steep Slope	1.20A
Extended Eave with Soffit	1.30
Extended Eave with Soffit & Gutter	1.40
Extended Eave with Vertical Flush Panel	1.50
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<u>Gable Details</u>	<u>Detail No.</u>
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Gable - Box	2.20
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(Continued...)



ML150 Standing Seam -Wood Substrate-

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Sidewall Details **Detail No.**

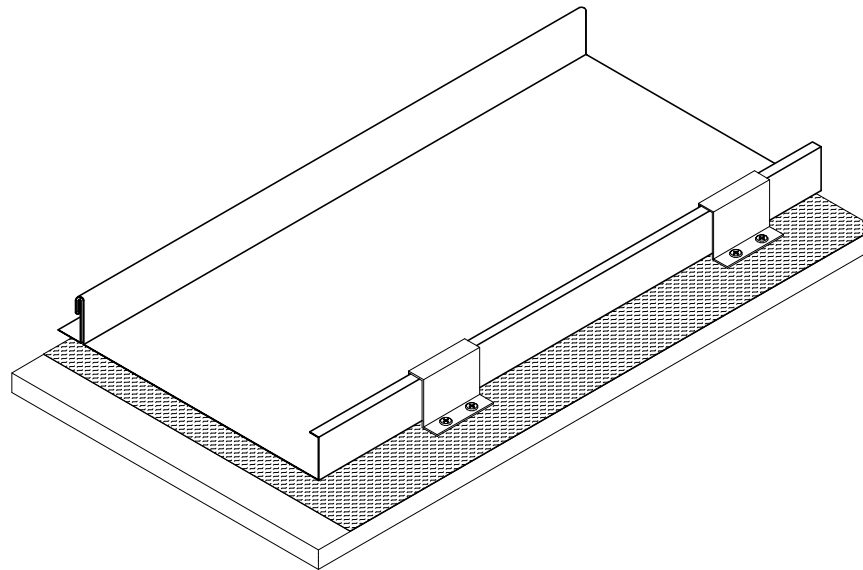
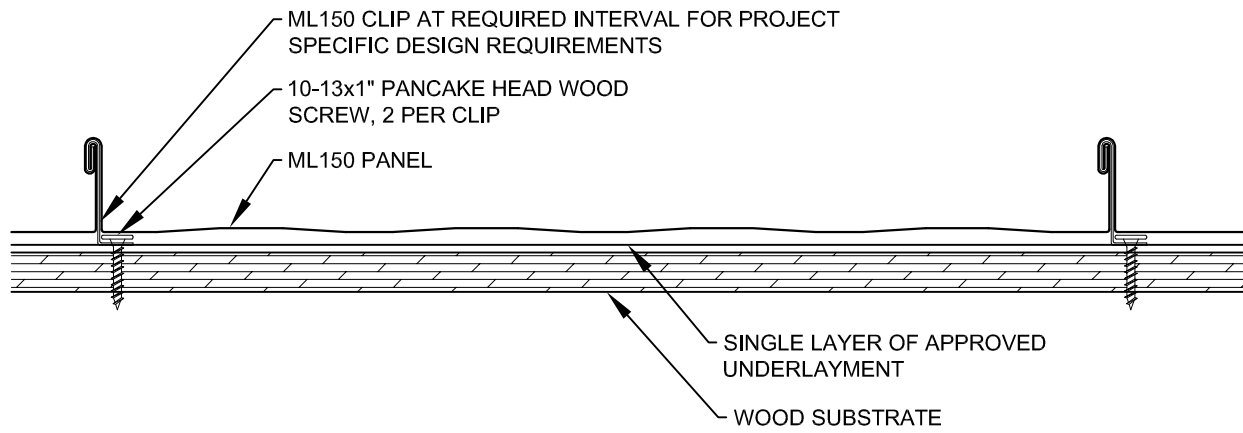
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Description:

ML150 APPLICATION

Detail No.:

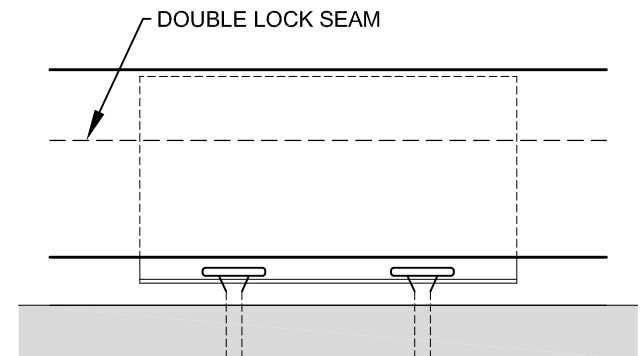
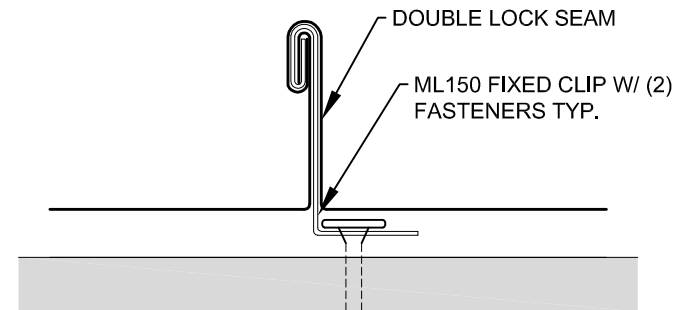
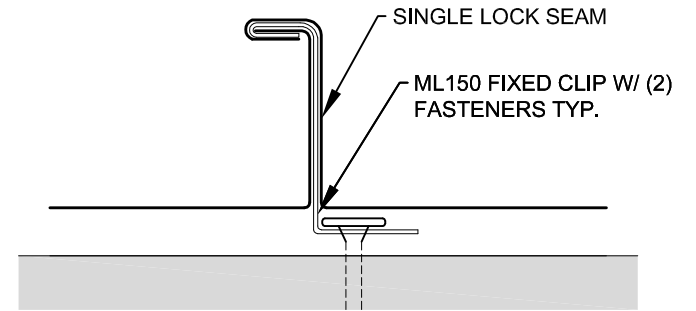
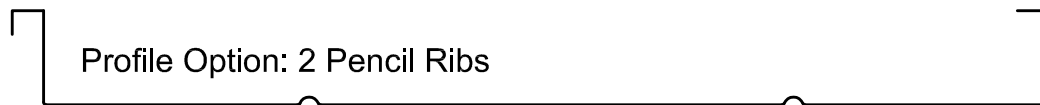
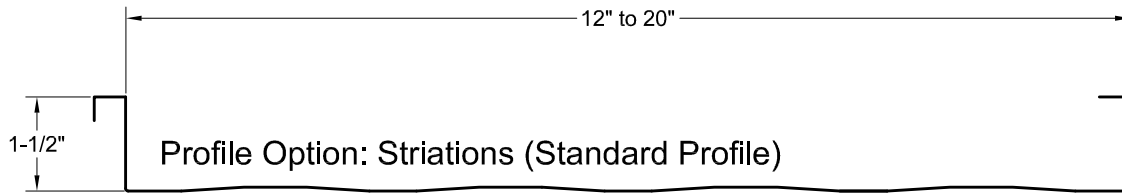
ML150-WS-0.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description: MLI50 SYSTEM OVERVIEW - PANEL PROFILES

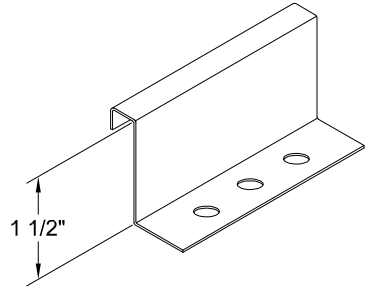
Detail No.: ML150-0.20

Substrate:

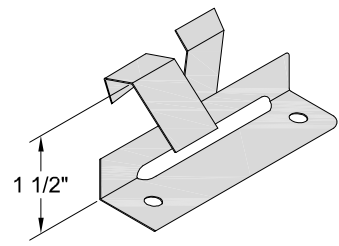
Project Name:

Location:

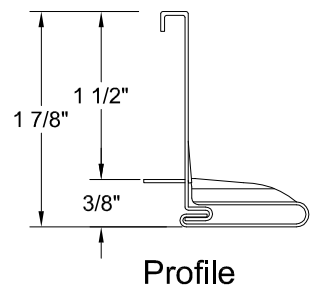
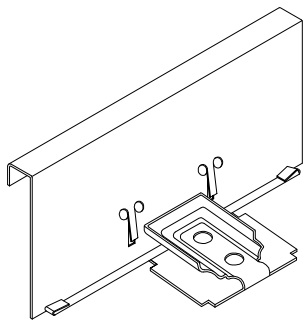
IMPORTANT INSTALLATION NOTE
 EXPANSION CLIPS ARE RECOMMENDED
 FOR PANEL LENGTHS GREATER THAN 30'-0".



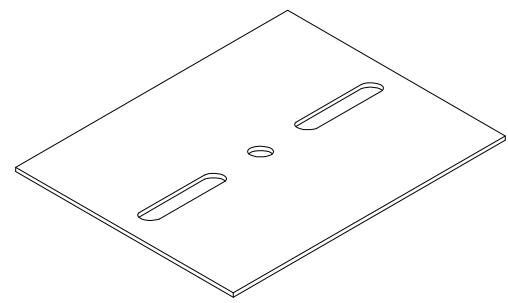
Clip 30 Fixed
 26 Ga. Galvanized
 1.5" x 3"



Clip 31 Butterfly Expansion
 28 Ga. Stainless Steel
 1.5" x 3"
Recommended for use with aluminum panels



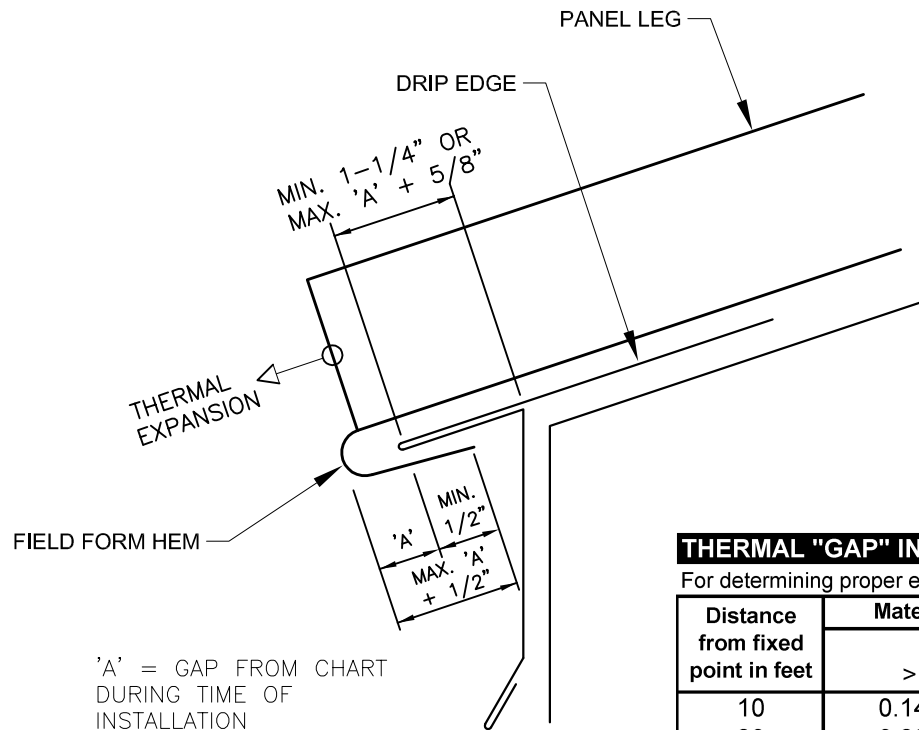
Clip 32 Expansion
 22 Ga. Galvanized
 1.875" x 4.25" (0.375" Standoff)



4" X 5" Bearing Plate
 16 Ga. Galvanized
*Required for use when clips are applied
 directly over rigid board insulation*



Description:	MLI50 SYSTEM OVERVIEW - CLIPS		Detail No.:	ML150-0.21
			Location:	



THERMAL "GAP" INSTALLATION CHART (In inches) - STEEL

For determining proper expansion/contraction gap at panel ends during installation

Distance from fixed point in feet	Material Temperature (Surface Temperature) During Installation					
	Hot >100° F		Warm 100° to 50° F		Cold <50° F	
10	0.145	1/8	0.072	1/16	0.000	0
20	0.289	5/16	0.145	1/8	0.000	0
30	0.434	7/16	0.217	3/16	0.125	1/8
40	0.579	9/16	0.289	5/16	0.125	1/8
50	0.724	3/4	0.362	3/8	0.188	3/16
60	0.868	7/8	0.434	7/16	0.188	3/16
70	1.013	1	0.507	1/2	0.250	1/4
80	1.158	1 3/16	0.579	9/16	0.250	1/4
90	1.302	1 5/16	0.651	5/8	0.375	3/8
100	1.447	1 7/16	0.724	3/4	0.375	3/8

* Chart based on temperature differential of: 180 degrees F

* Coefficient of thermal expansion for steel: 0.0000067



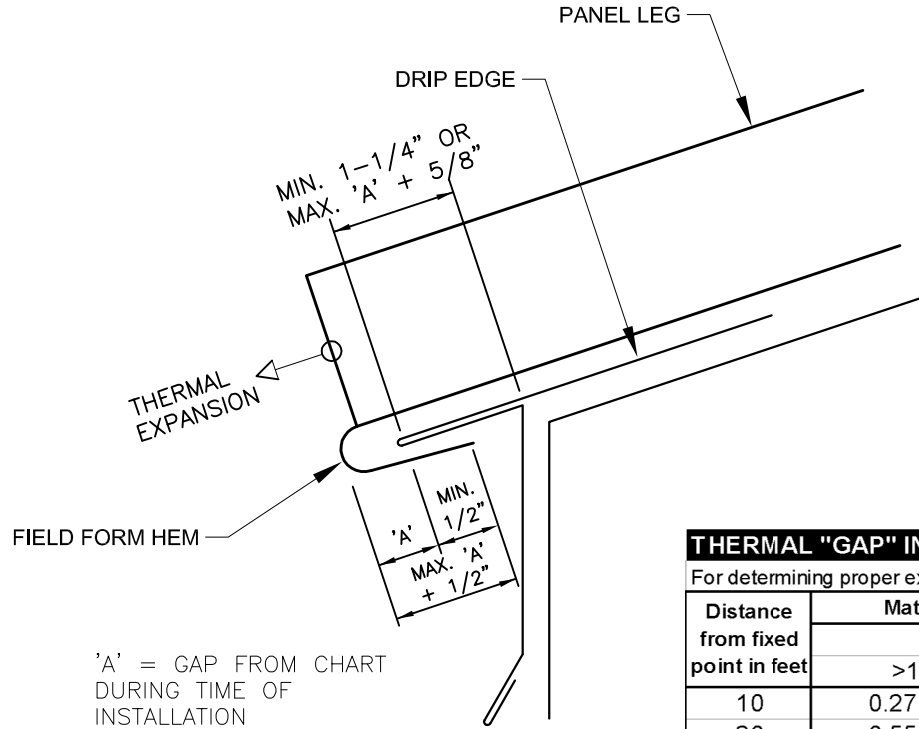
Description: **THERMAL GAP INSTALLATION CHART - STEEL**

Detail No.: **ML150-0.30**

Substrate:

Project Name:

Location:



THERMAL "GAP" INSTALLATION CHART (In inches) - ALUMINUM

For determining proper expansion/contraction gap at panel ends during installation

Distance from fixed point in feet	Material Temperature (Surface Temperature) During Installation					
	Hot		Warm		Cold	
	>100° F		100° to 50° F		<50° F	
10	0.279	1/4	0.139	1/8	0.000	0
20	0.557	9/16	0.279	1/4	0.000	0
30	0.836	13/16	0.418	7/16	0.125	1/8
40	1.115	1 1/8	0.557	9/16	0.125	1/8
50	1.393	1 3/8	0.697	11/16	0.188	3/16
60	1.672	1 11/16	0.836	13/16	0.188	3/16
70	1.950	1 15/16	0.975	1	0.250	1/4
80	2.229	2 1/4	1.115	1 1/8	0.250	1/4
90	2.508	2 1/2	1.254	1 1/4	0.375	3/8
100	2.786	2 13/16	1.393	1 3/8	0.375	3/8

* Chart based on temperature differential of: 180 degrees F

* Coefficient of thermal expansion for alum.: 0.0000129



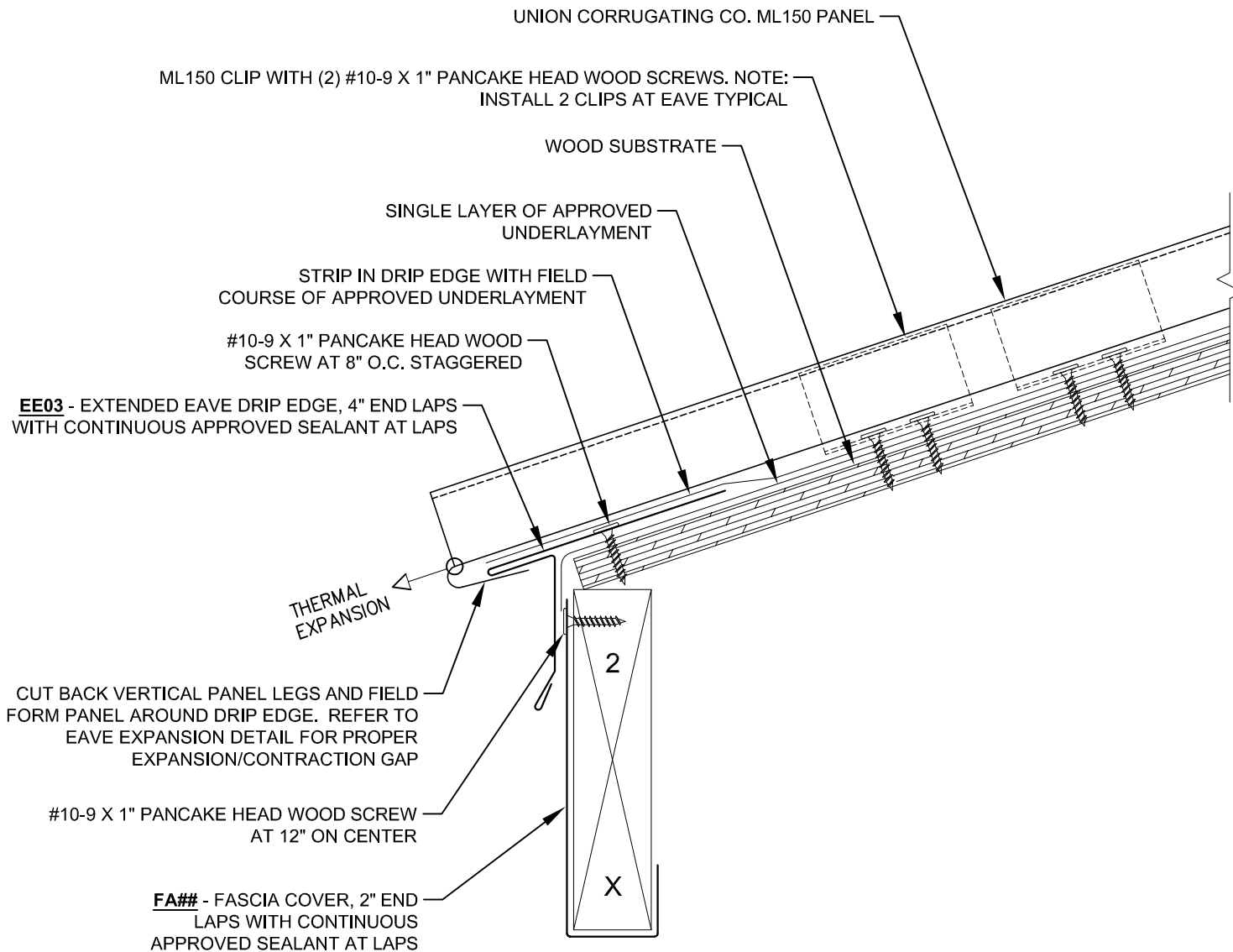
Description: **THERMAL GAP INSTALLATION CHART - ALUMINUM**

Detail No.: **ML150-0.31**

Substrate:

Project Name:

Location:



Description:

EXTENDED EAVE

Detail No.:

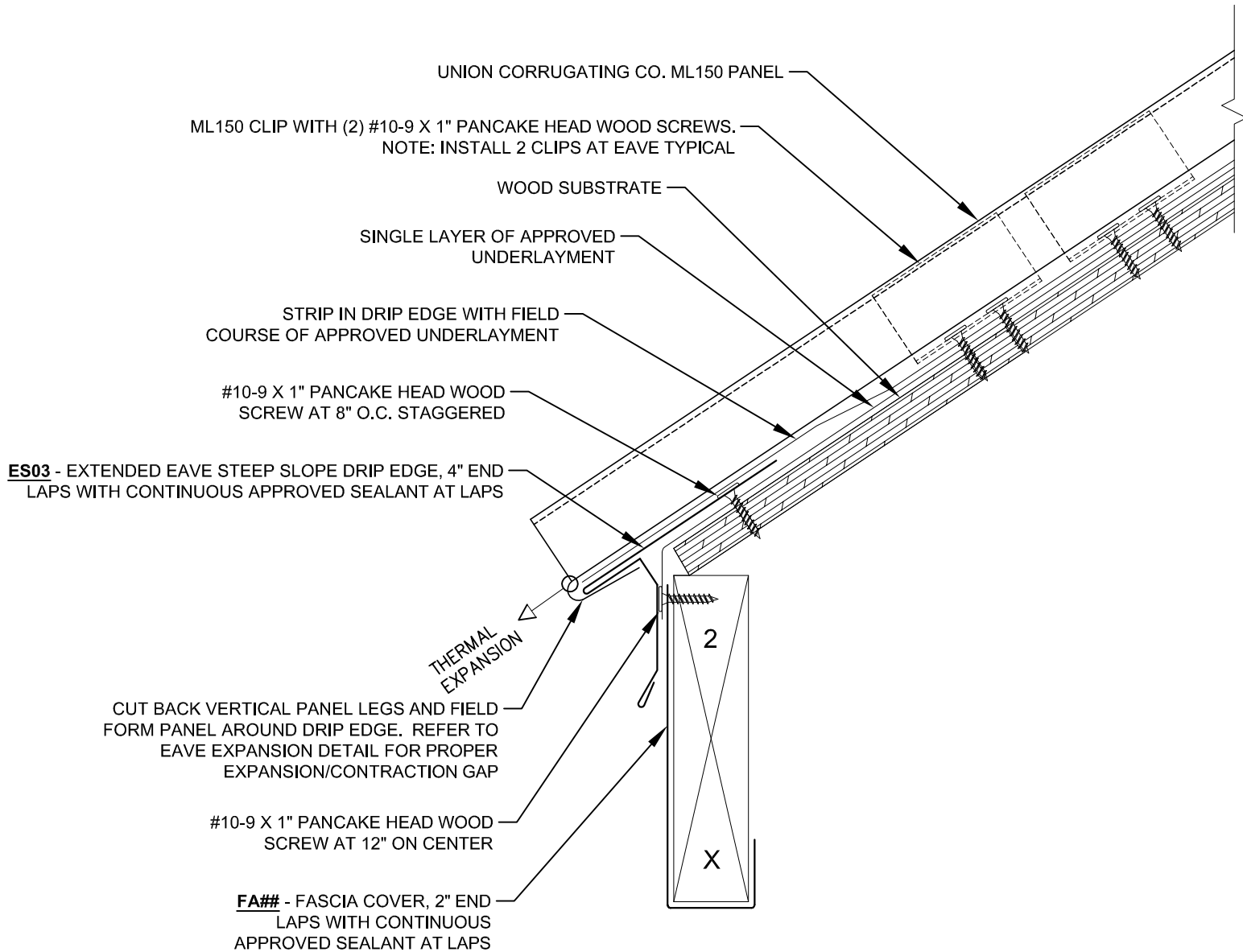
ML150-WS-1.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:

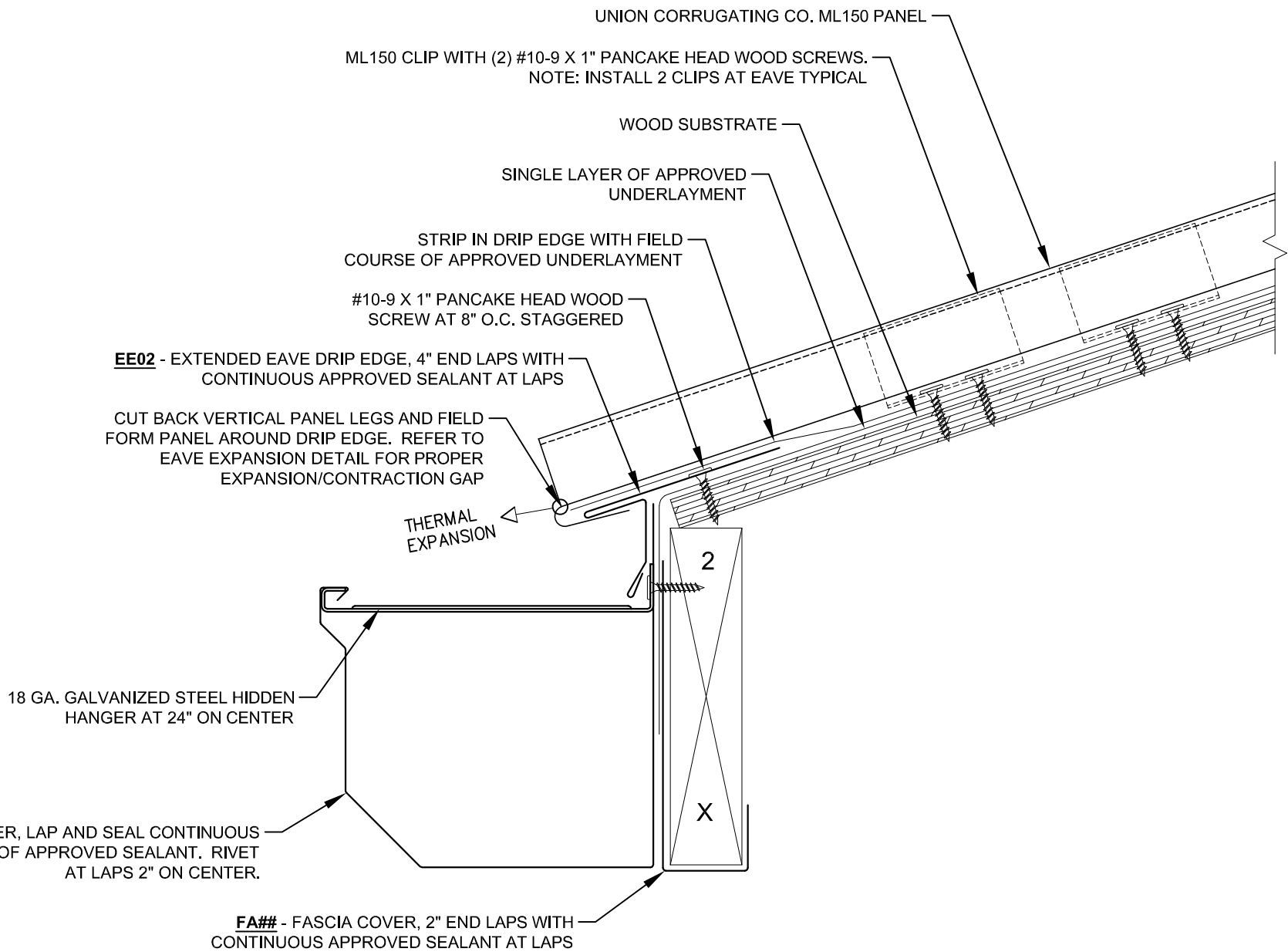


Description: **EXTENDED EAVE - STEEP SLOPE**

Detail No.: **ML150-WS-1.10A**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:

EXTENDED EAVE WITH GUTTER

Detail No.:

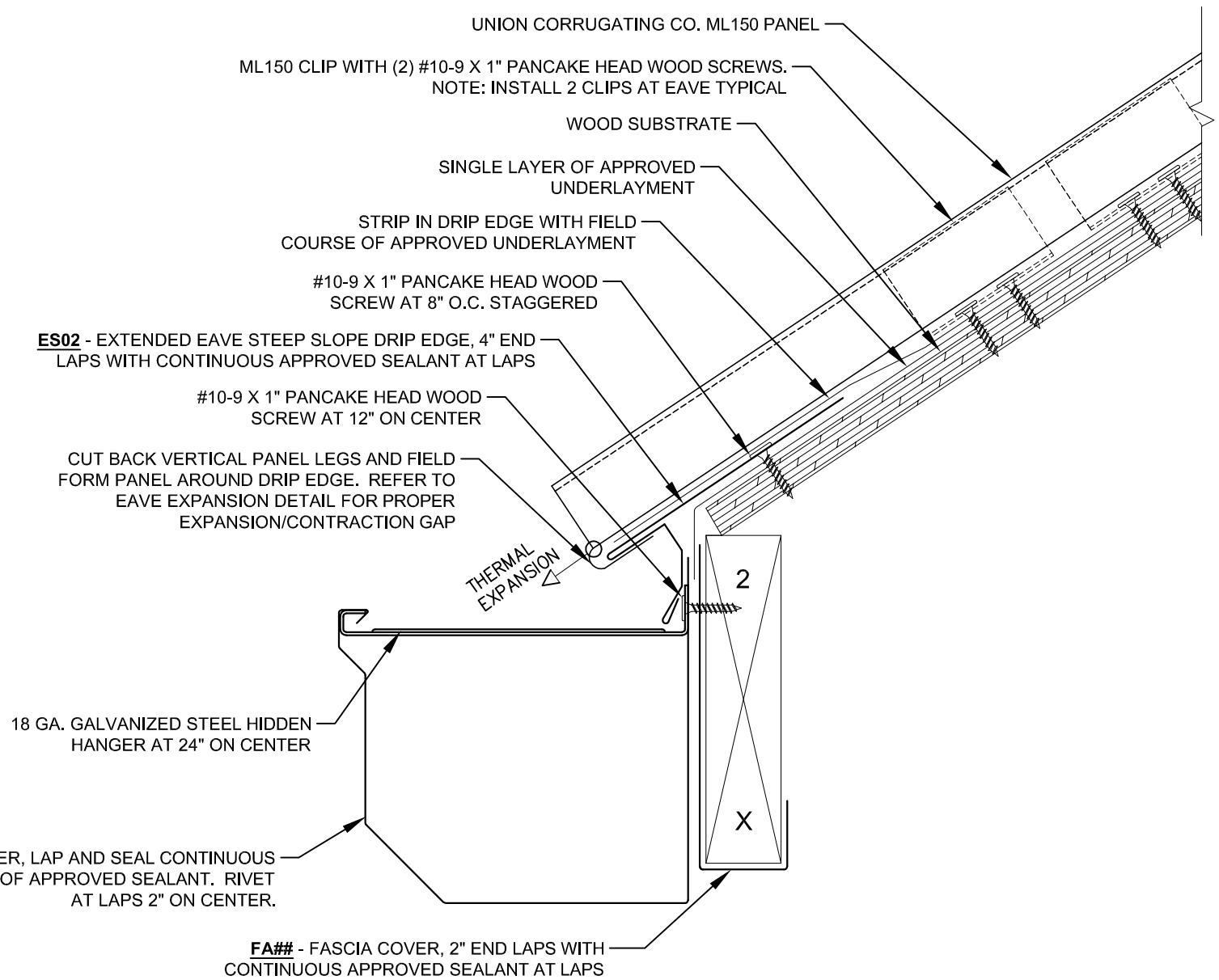
ML150-WS-1.20

Substrate:

WOOD SUBSTRATE

Project Name:

Location:

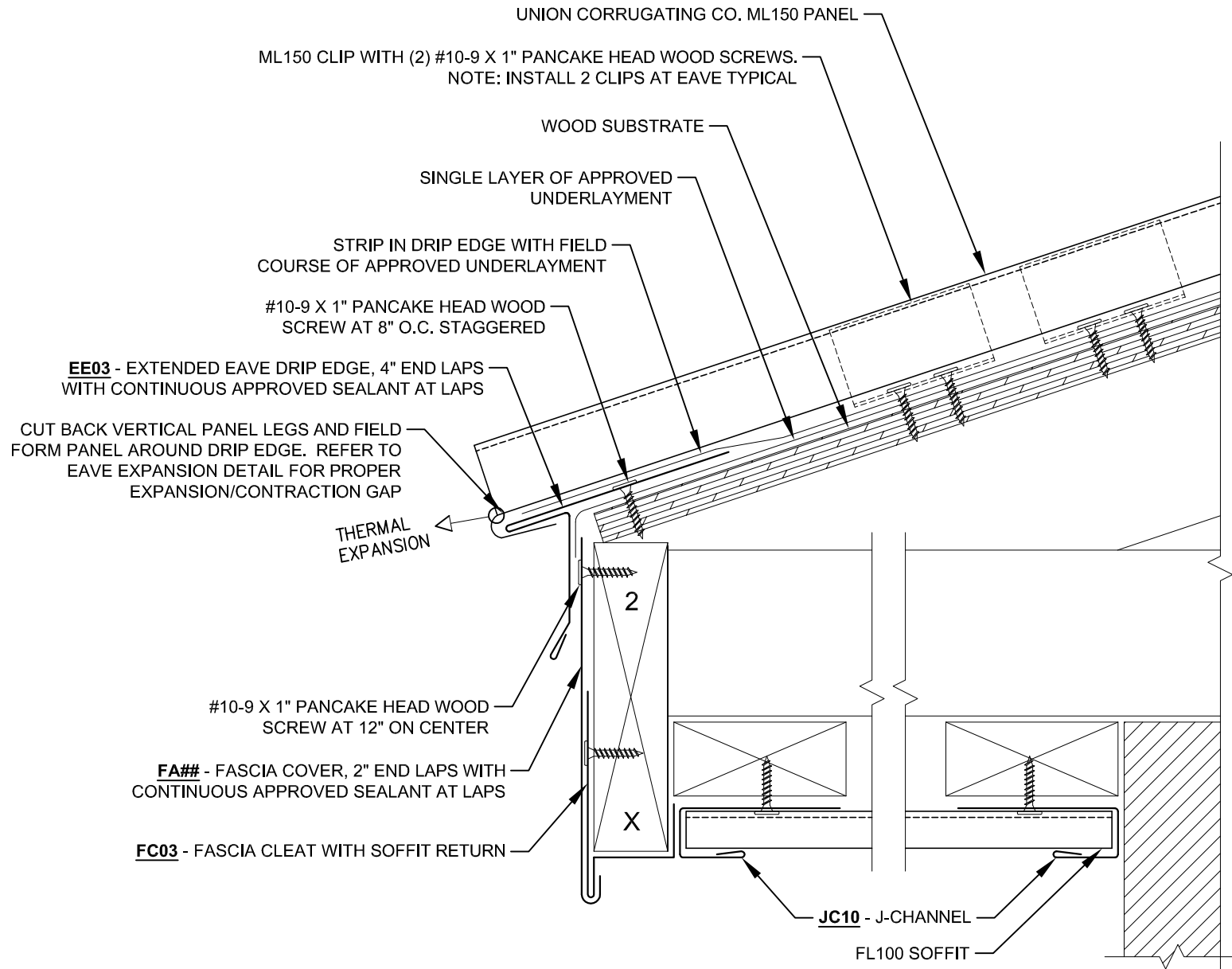


Description: **EXTENDED EAVE W/ GUTTER- STEEP SLOPE**

Detail No.: **ML150-WS-1.20A**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:

EXTENDED EAVE WITH SOFFIT

Detail No.:

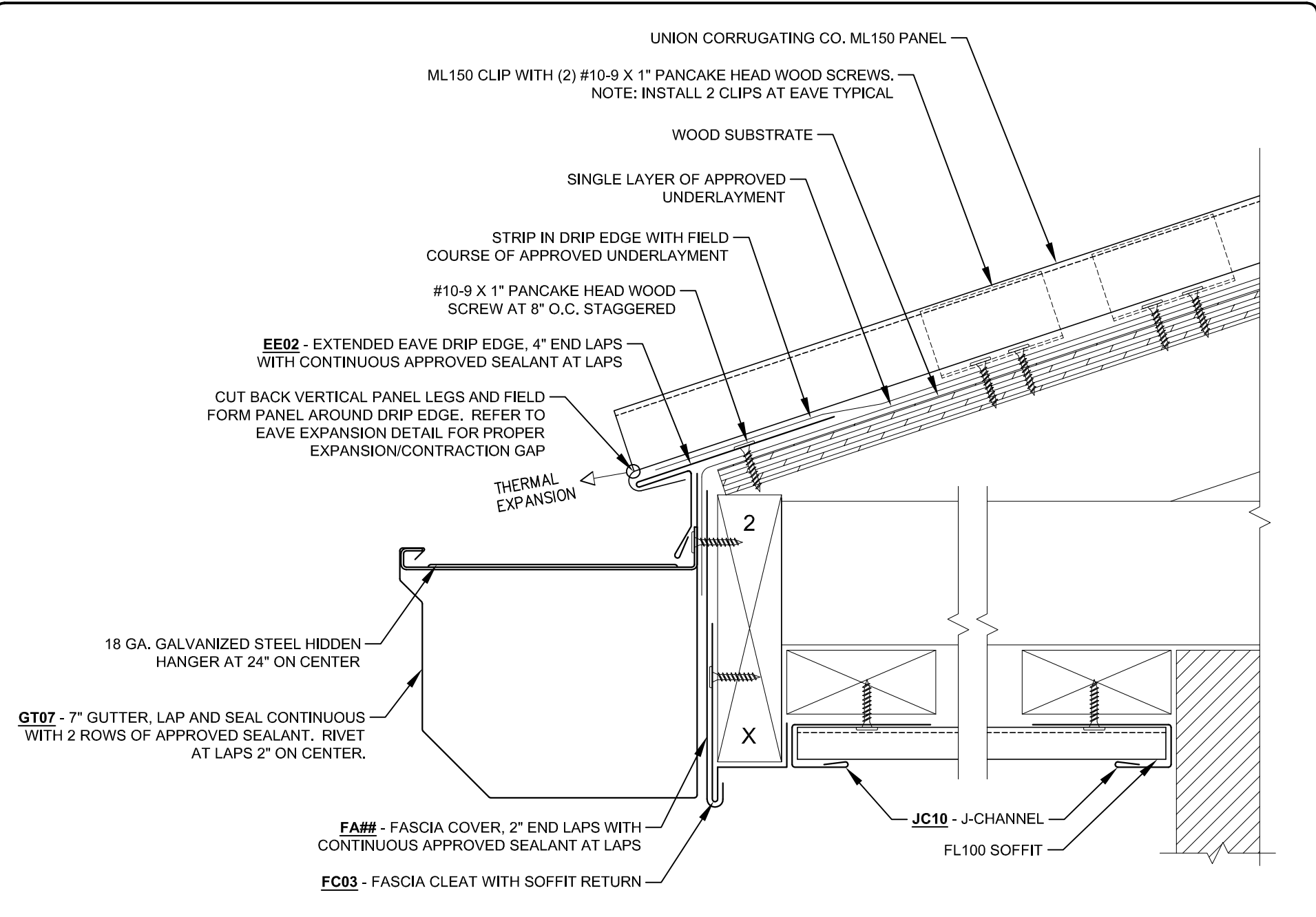
ML150-WS-1.30

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

EXTENDED EAVE WITH SOFFIT & GUTTER

Detail No.:

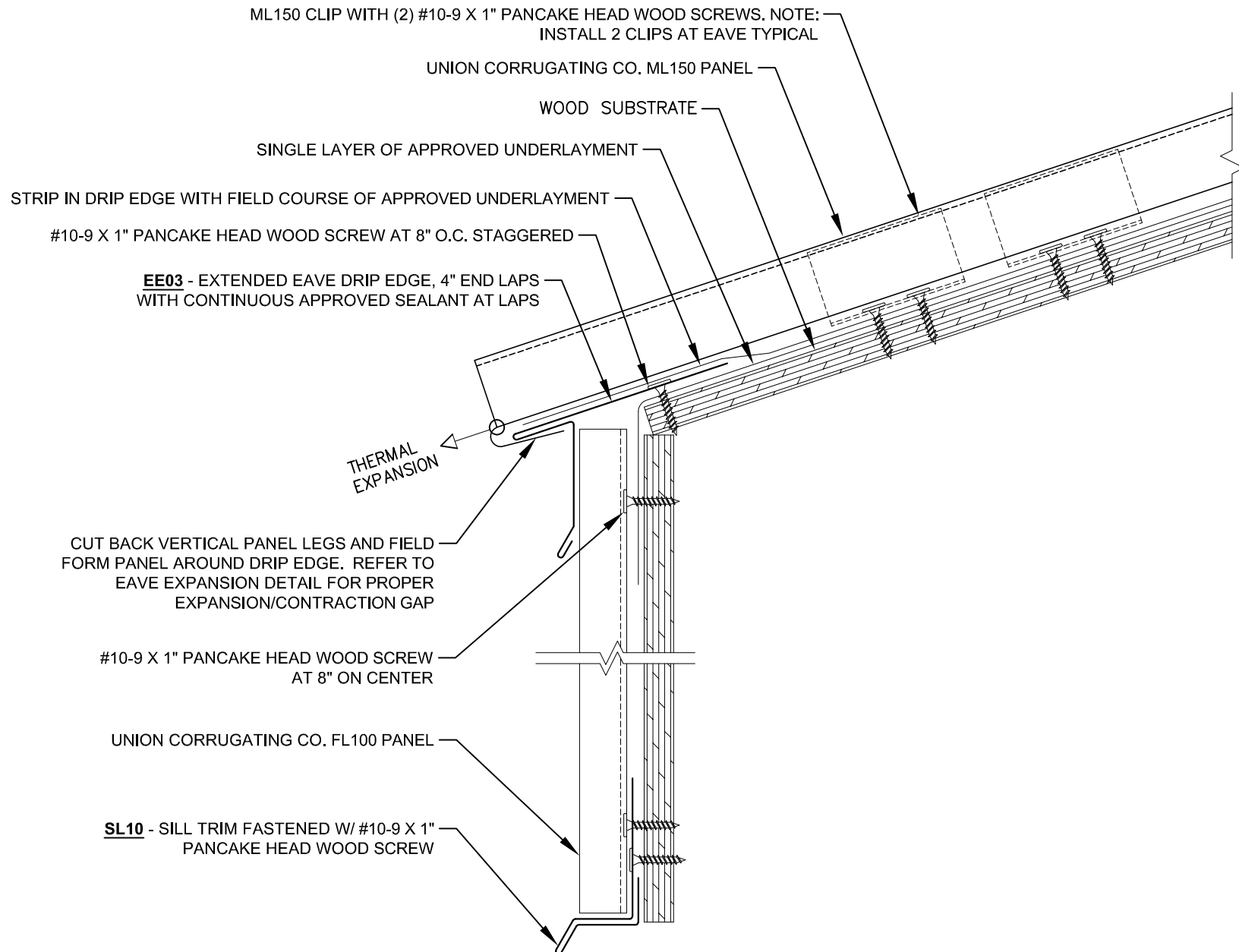
ML150-WS-1.40

Substrate:

WOOD SUBSTRATE

Project Name:

Location:

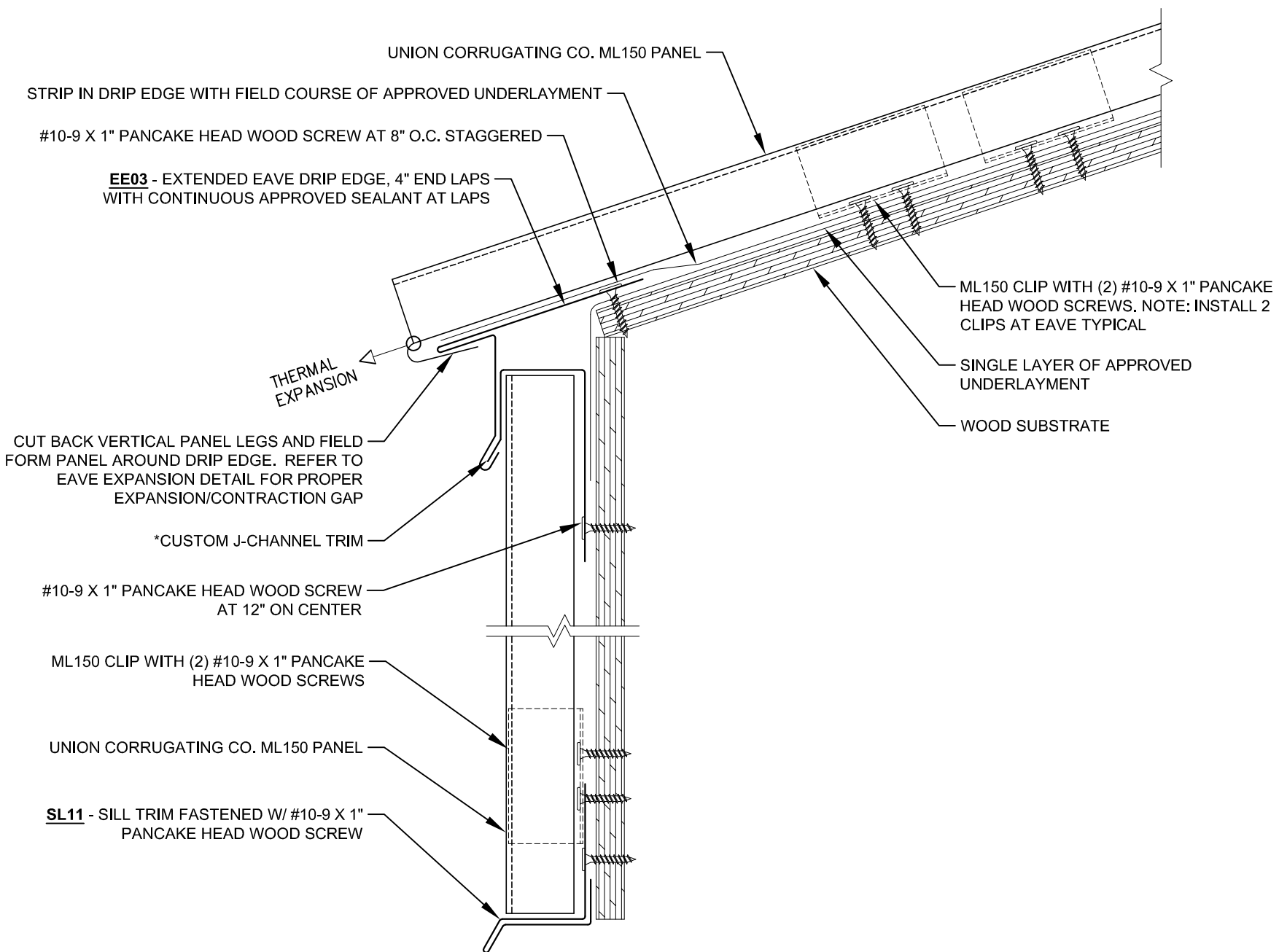


Description: **EXTENDED EAVE W/ VERTICAL FLUSH PANEL**

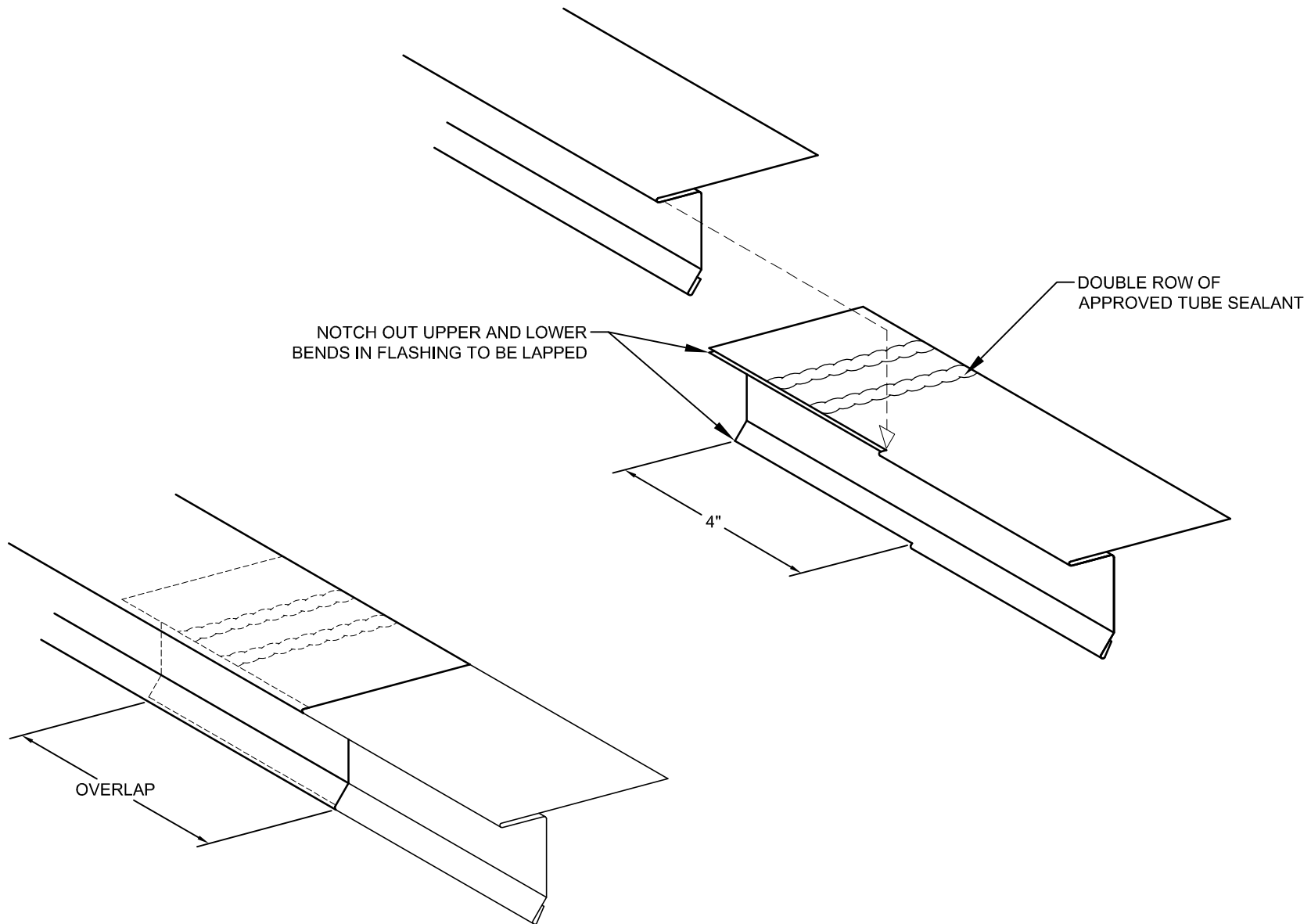
Detail No.: **ML150-WS-1.50**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:	EXT. EAVE W/ VERTICAL STANDING SEAM PANELS		Detail No.: ML150-WS-1.60
	Substrate:	WOOD SUBSTRATE	
	Project Name:		
	Location:		



Description:

DRIP EDGE LAP DETAIL

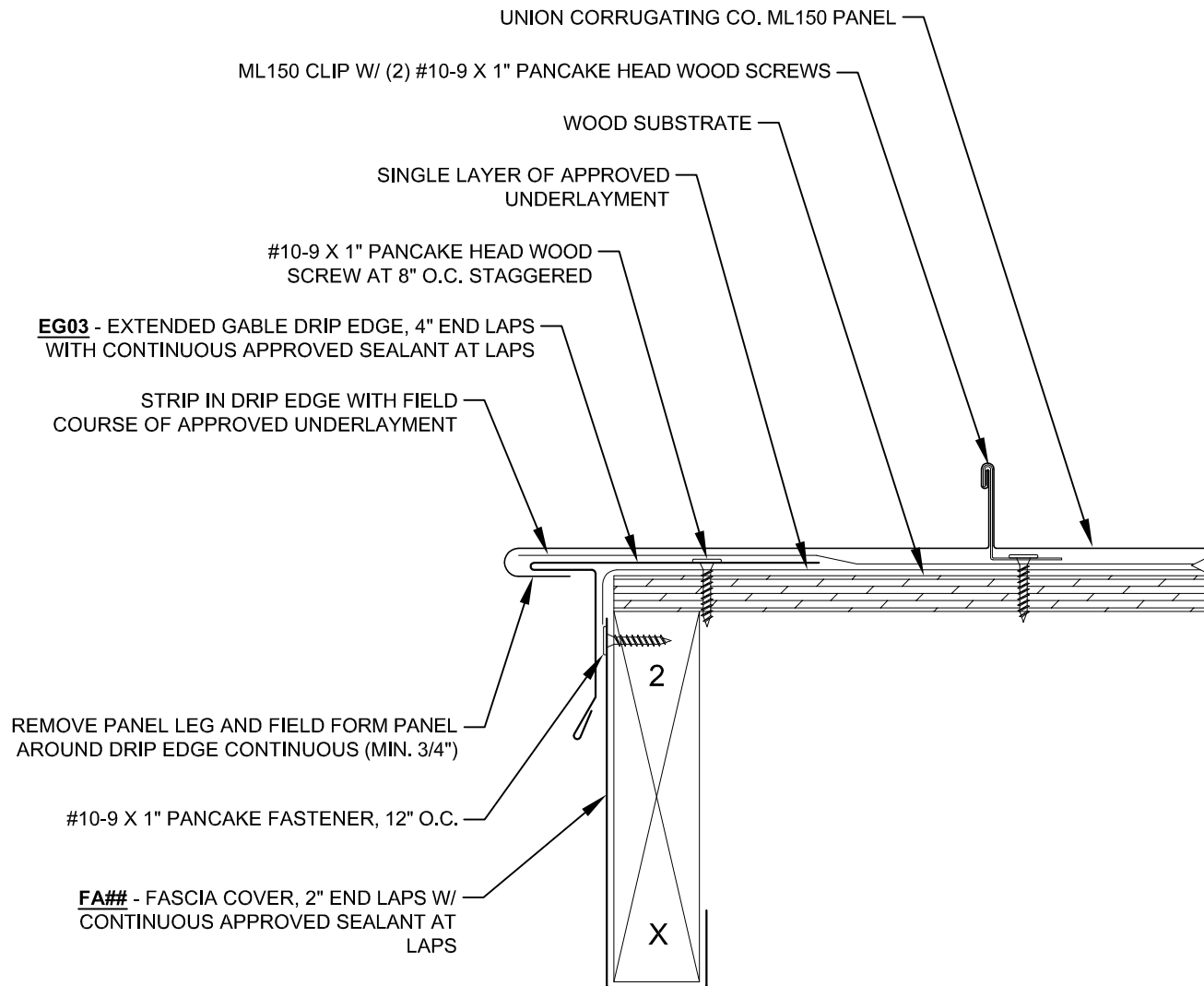
Detail No.:

ML150-1.90

Substrate:

Project Name:

Location:



Description:

GABLE DETAIL - EXTENDED DRIP STYLE

Detail No.:

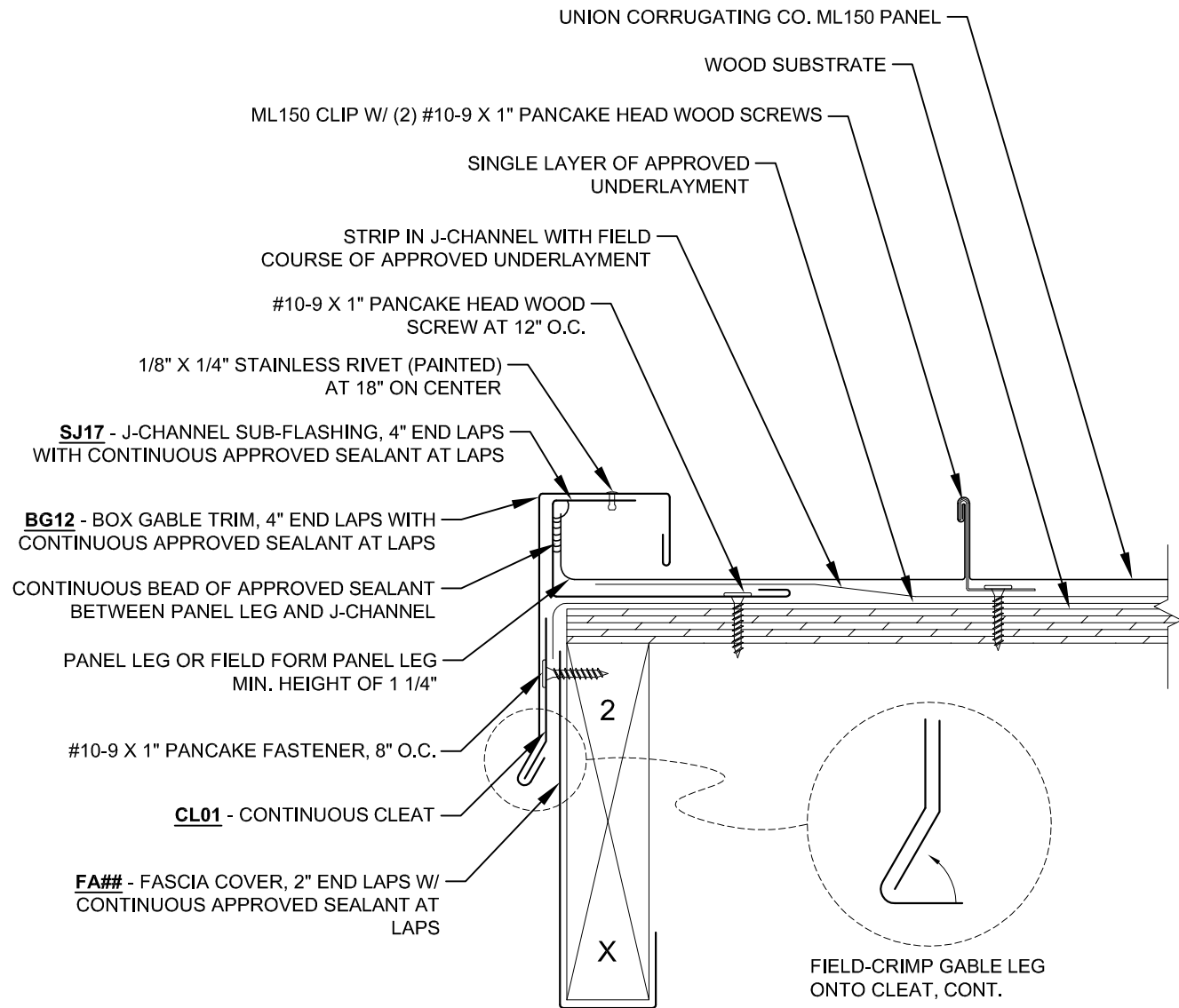
ML150-WS-2.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

GABLE DETAIL - BOX STYLE

Detail No.:

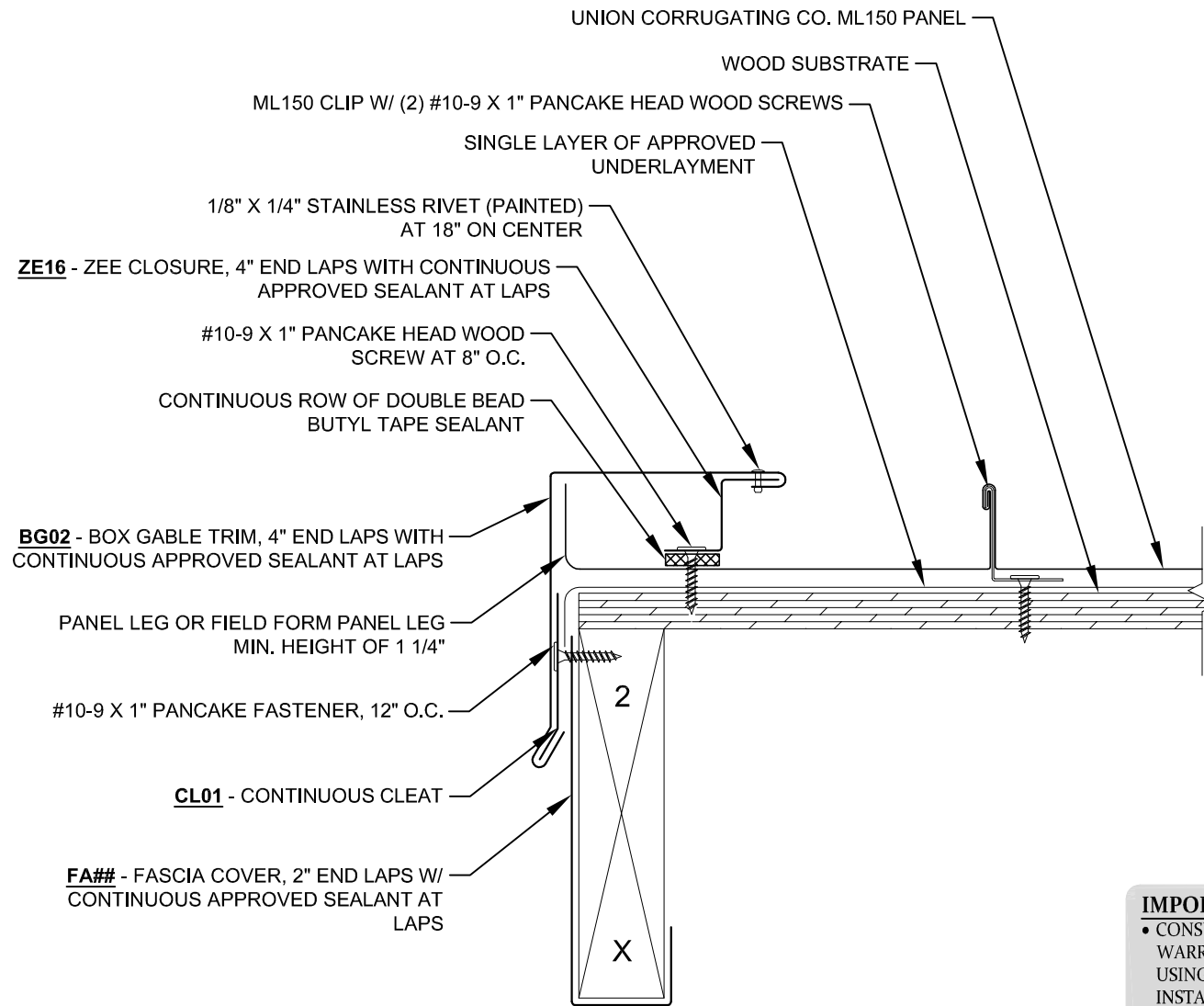
ML150-WS-2.20

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



IMPORTANT INSTALLATION NOTE

- CONSULT UNION CORRUGATING CO. WARRANTY DEPARTMENT BEFORE USING THIS DETAIL WHEN INSTALLATION REQUIRES WEATHERTIGHTNESS WARRANTY.
- THIS DETAIL NOT TO BE USED WITH PANEL LENGTHS GREATER THAN 30'-0".

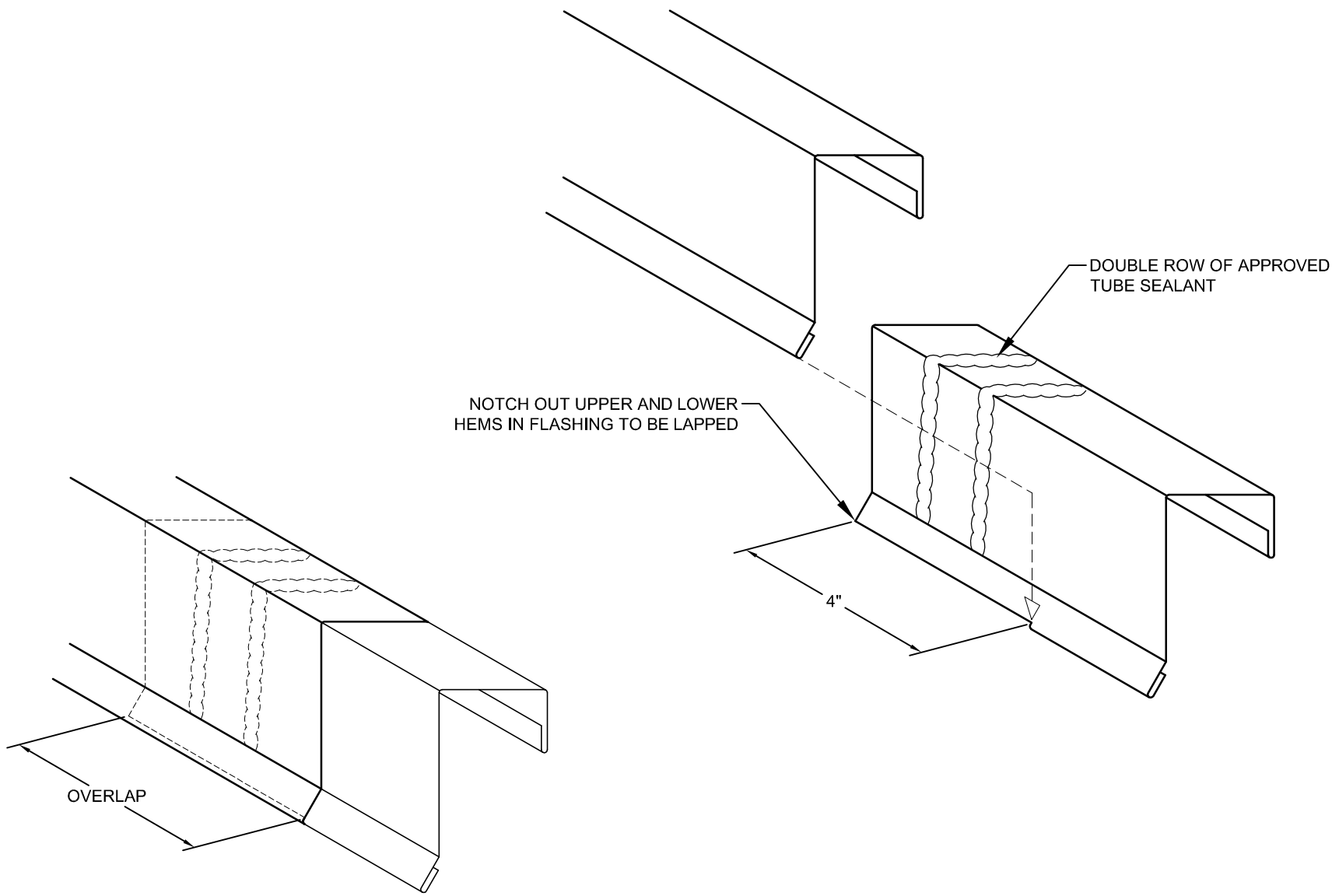


Description: **GABLE DETAIL - BOX STYLE W/ Z-CLOSURE**

Detail No.: **ML150-WS-2.30**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:

BOX GABLE LAP DETAIL

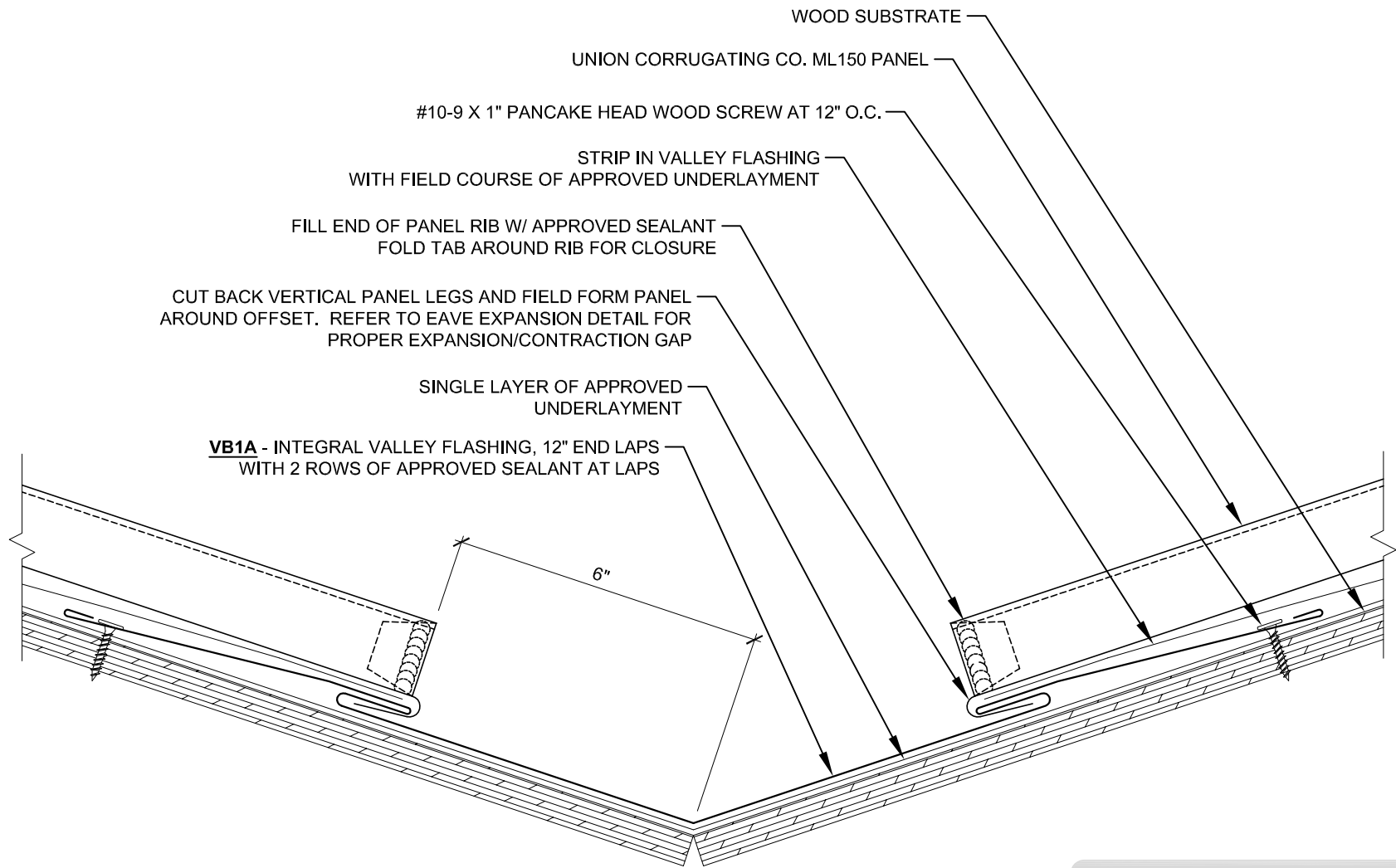
Detail No.:

ML150-2.90

Substrate:

Project Name:

Location:

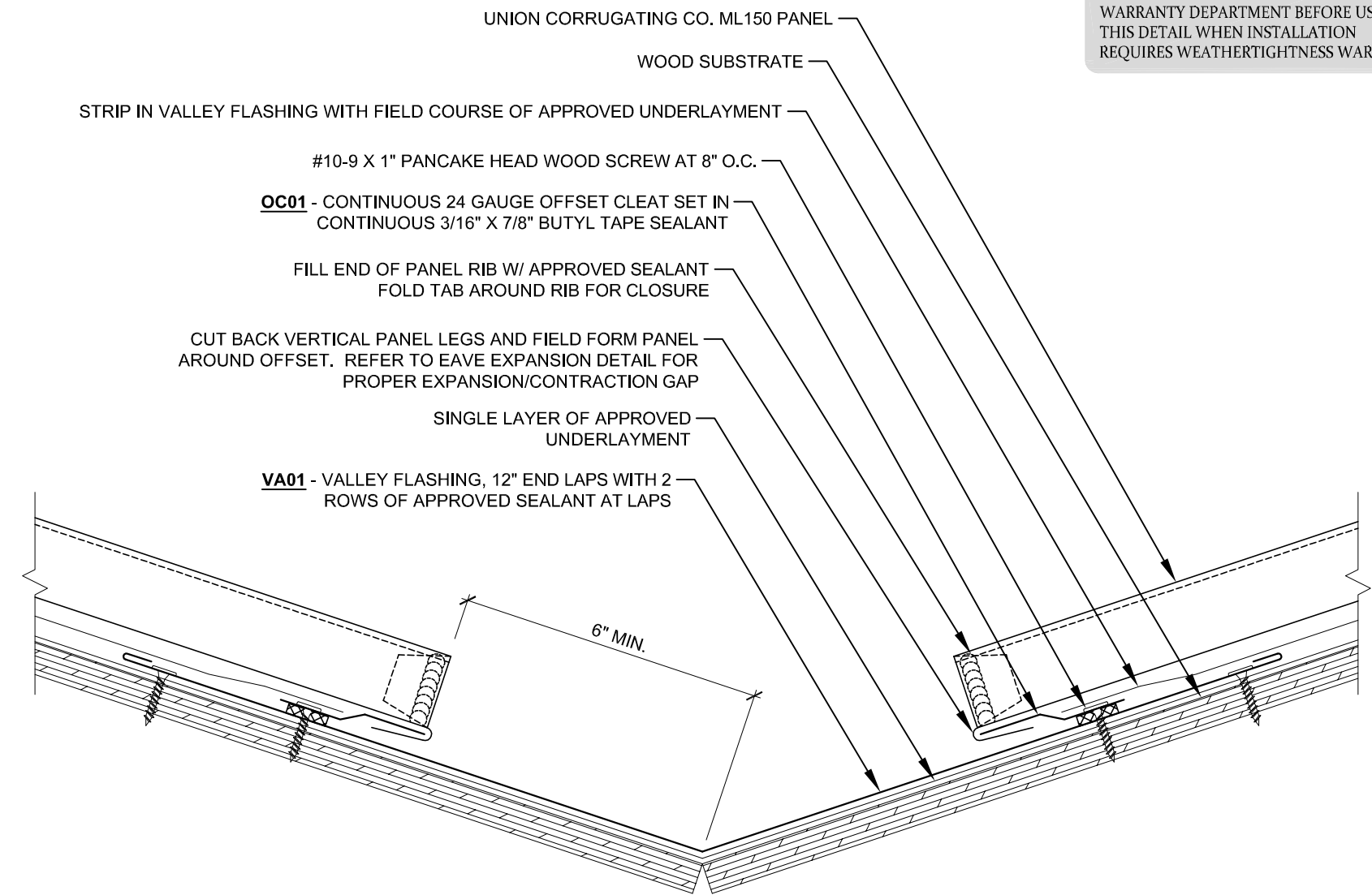


IMPORTANT INSTALLATION NOTE
 EACH VALLEY SECTION IS MADE PROGRESSIVELY SMALLER TO ALLOW UPPER SECTION TO INSERT INTO LOWER SECTION. NO FIELD NOTCHING AT LAP.



Description:	VALLEY DETAIL - INTEGRAL CLEAT		Detail No.: ML150-WS-3.10
	Substrate:	WOOD SUBSTRATE	

IMPORTANT INSTALLATION NOTE
 CONSULT UNION CORRUGATING CO.
 WARRANTY DEPARTMENT BEFORE USING
 THIS DETAIL WHEN INSTALLATION
 REQUIRES WEATHERTIGHTNESS WARRANTY.

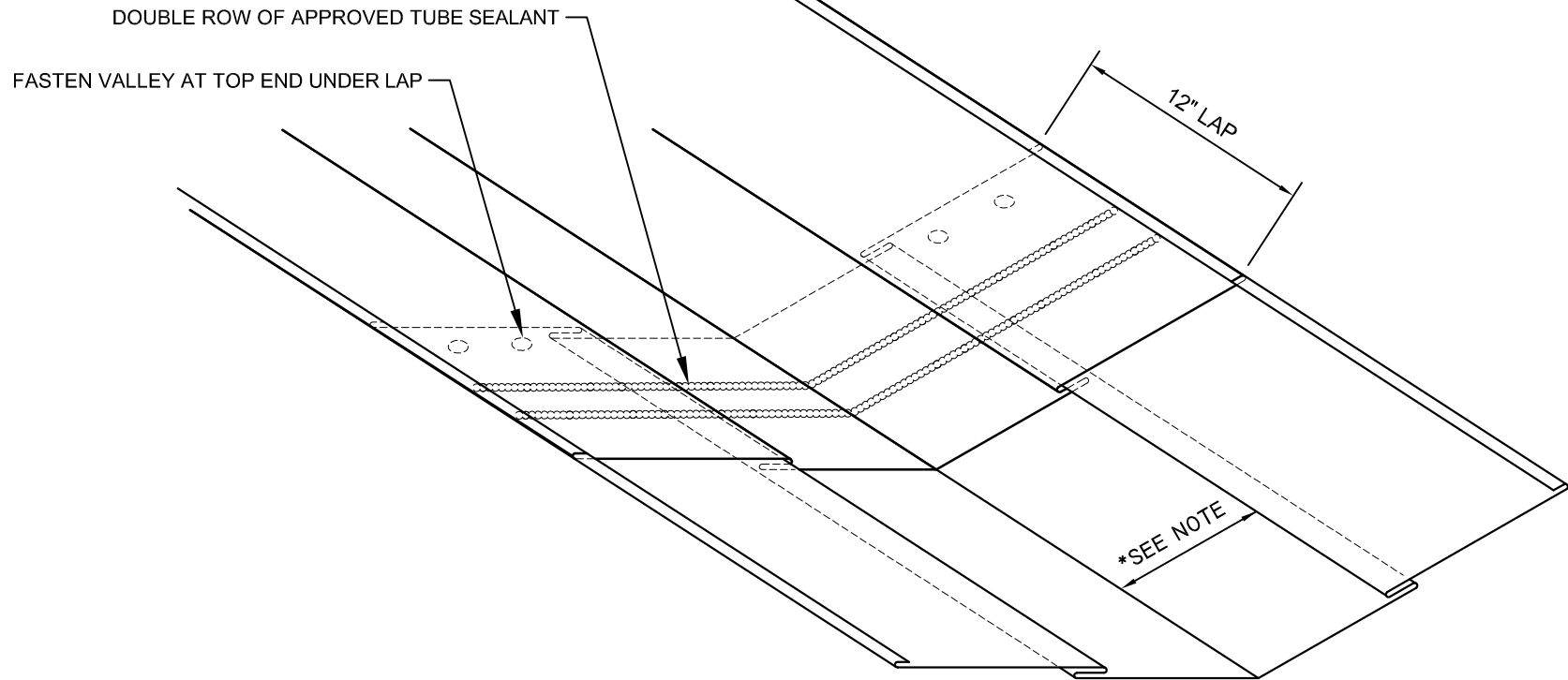


Description: **VALLEY - WITH OFFSET CLEAT**

Detail No.: **ML150-WS-3.20**

Substrate: **WOOD SUBSTRATE**

Project Name:
 Location:



TELESCOPING VALLEY FLASHING LAP

IMPORTANT INSTALLATION NOTE

EACH VALLEY SECTION IS MADE PROGRESSIVELY SMALLER TO ALLOW UPPER SECTION TO INSERT INTO LOWER SECTION. NO FIELD NOTCHING AT LAP.



Description:

VALLEY LAP DETAIL

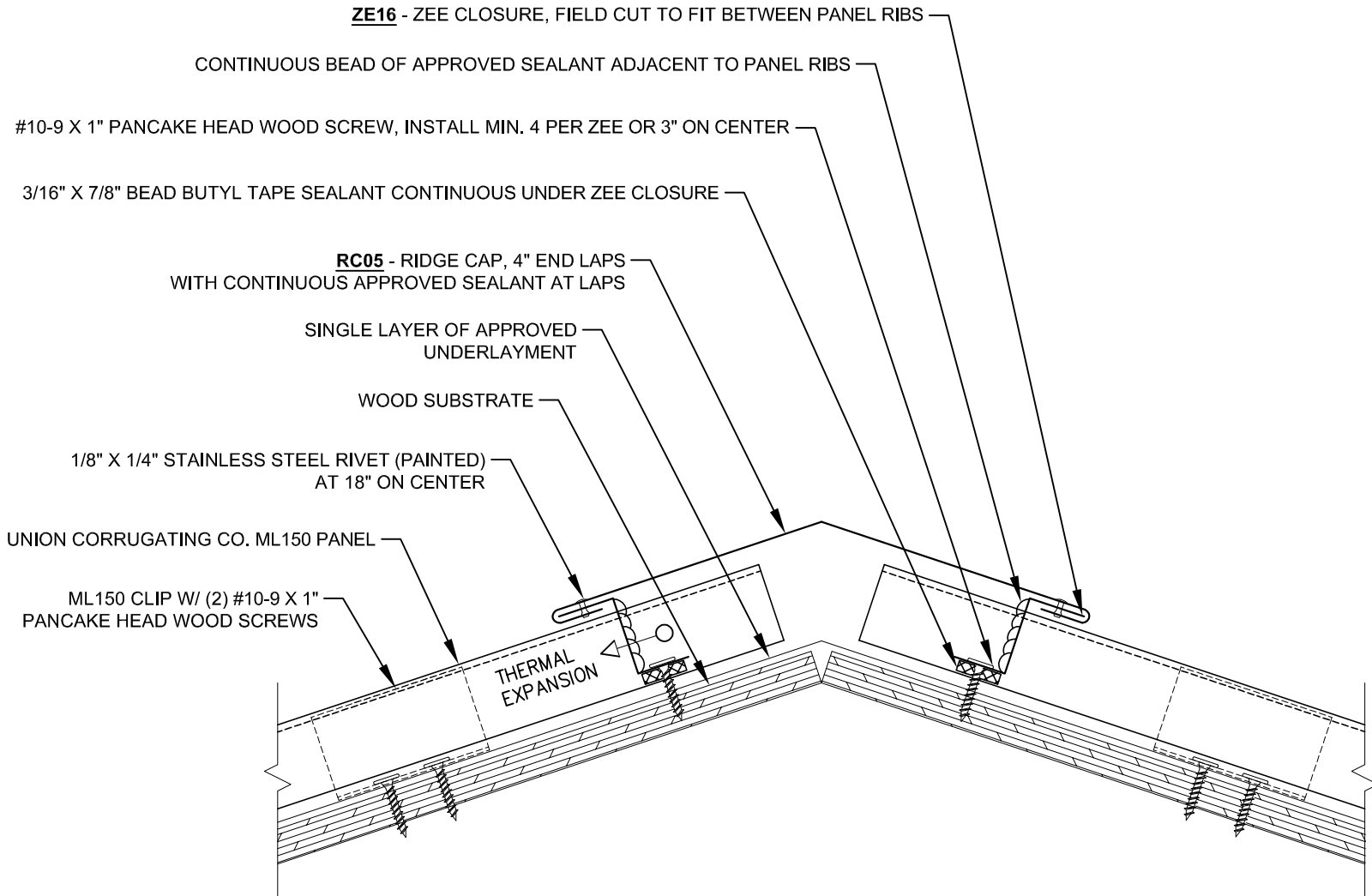
Detail No.:

ML150-3.90

Substrate:

Project Name:

Location:

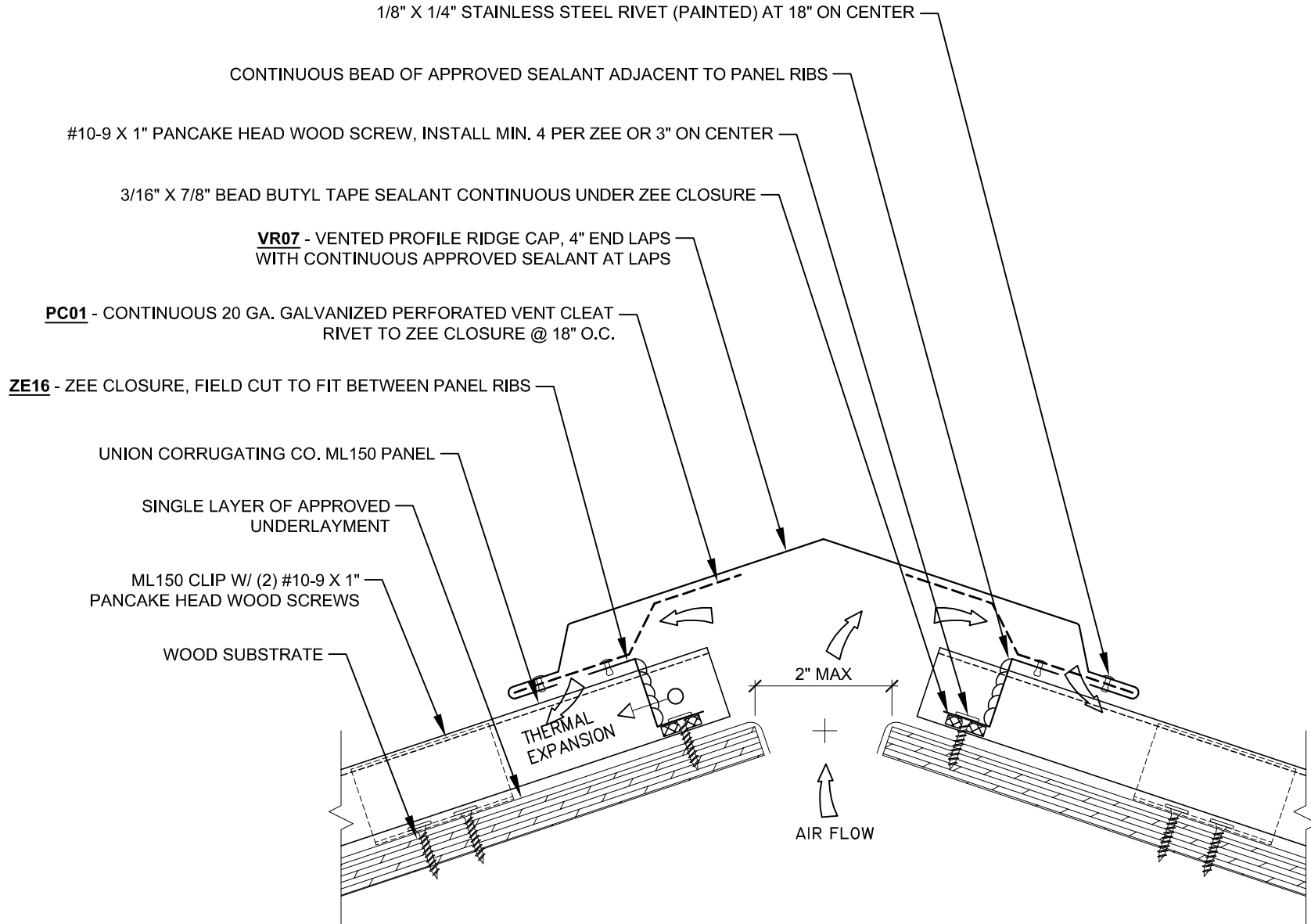


Description: **HIP AND RIDGE DETAIL**

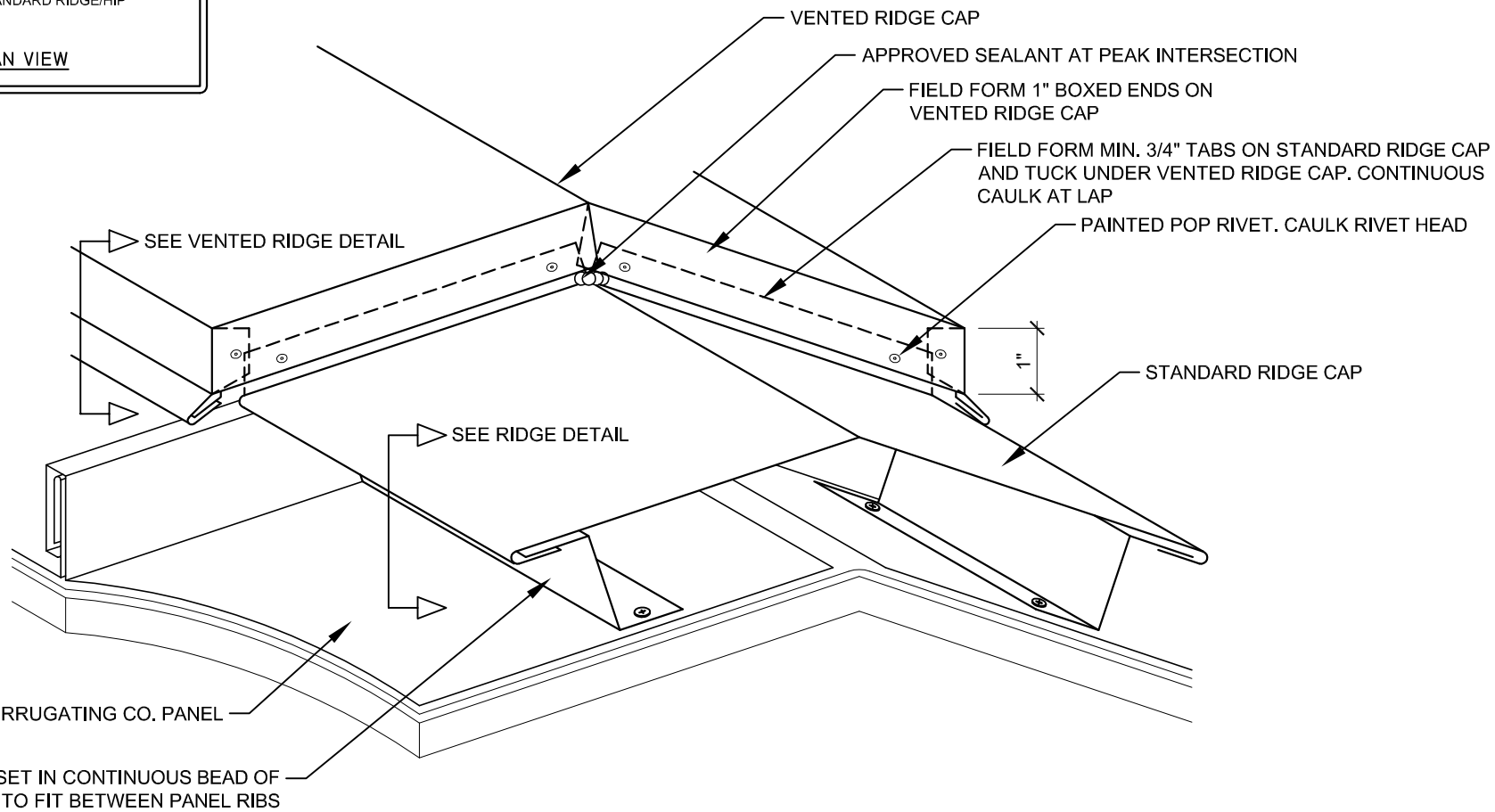
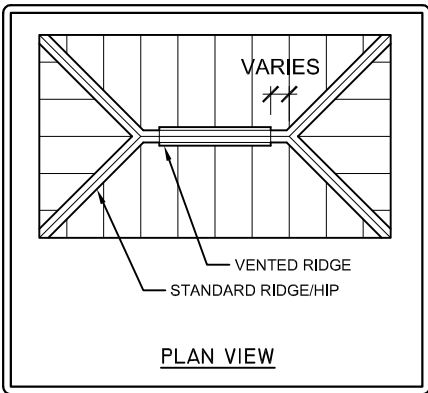
Detail No.: **ML150-WS-4.10**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:	VENTED RIDGE DETAIL		Detail No.: ML150-WS-4.20
	Substrate:	WOOD SUBSTRATE	



Description:

STANDARD TO VENTED RIDGE TRANSITION

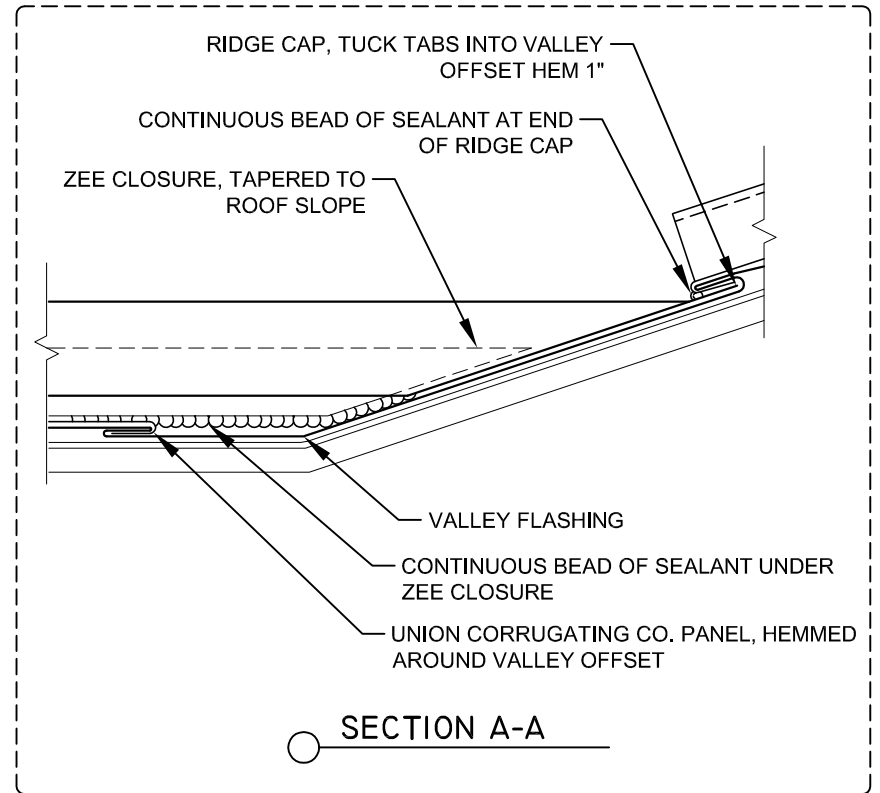
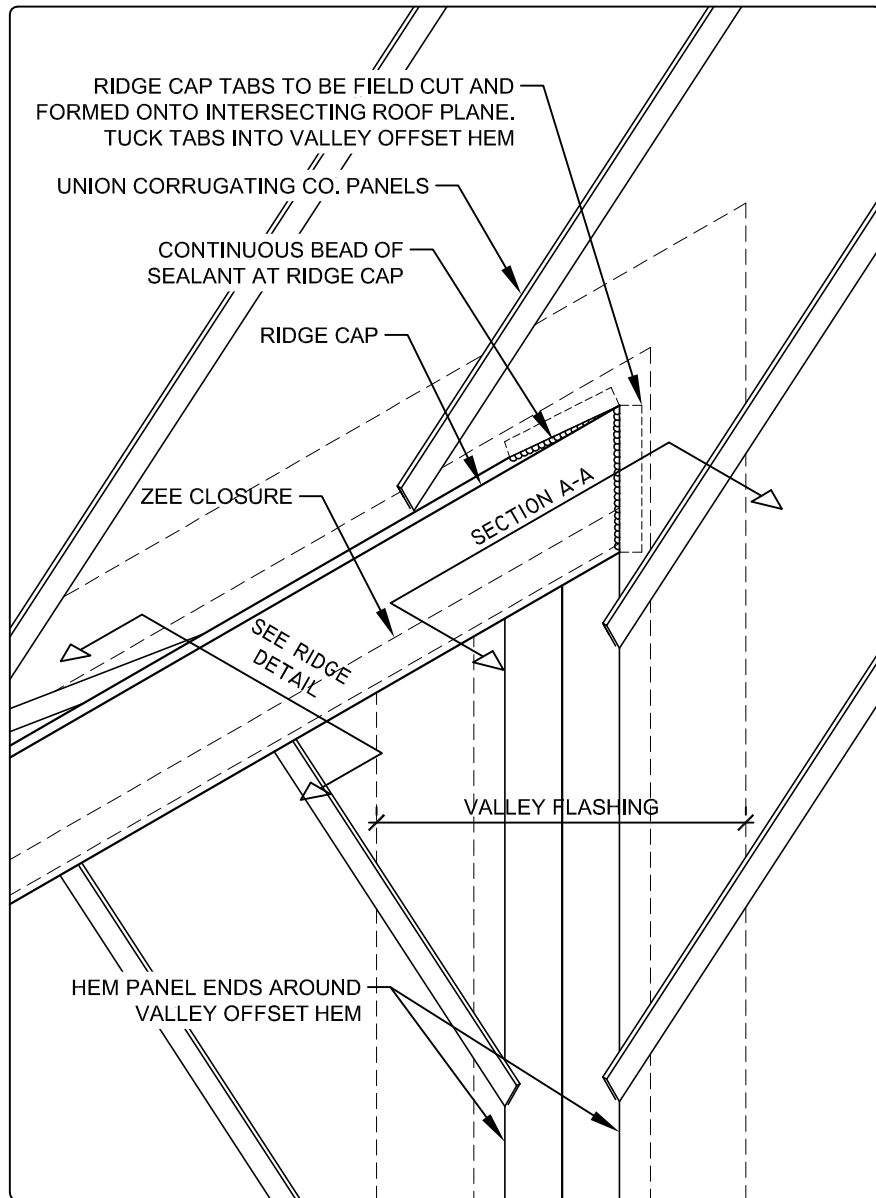
Detail No.:

ML150-4.30

Substrate:

Project Name:

Location:



Description:

RIDGE TERMINATION @ VALLEY

Detail No.:

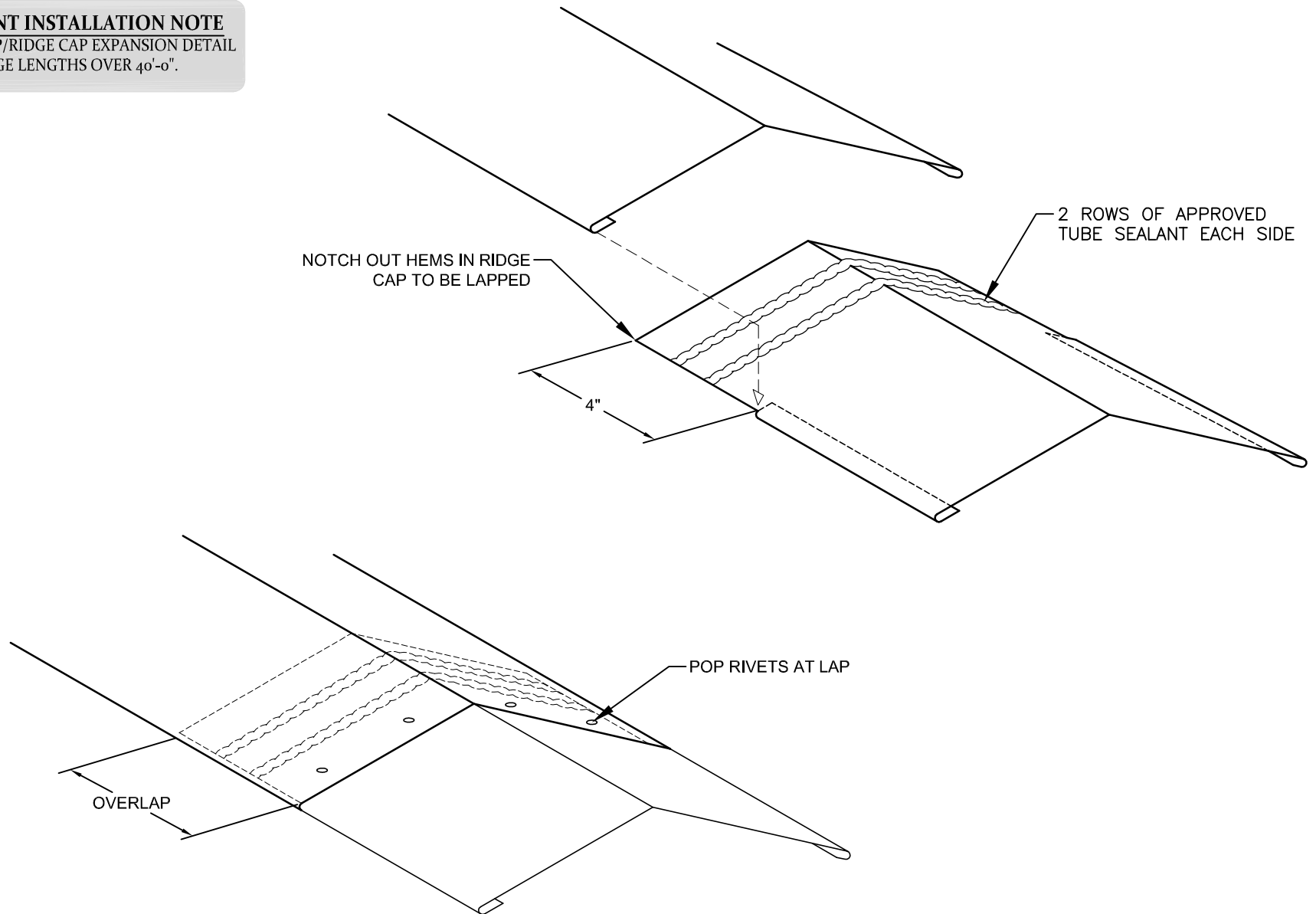
ML150-4.40

Substrate:

Project Name:

Location:

IMPORTANT INSTALLATION NOTE
REFER TO HIP/RIDGE CAP EXPANSION DETAIL
FOR HIP/RIDGE LENGTHS OVER 40'-0".



Description:

HIP & RIDGE CAP LAP DETAIL

Detail No.:

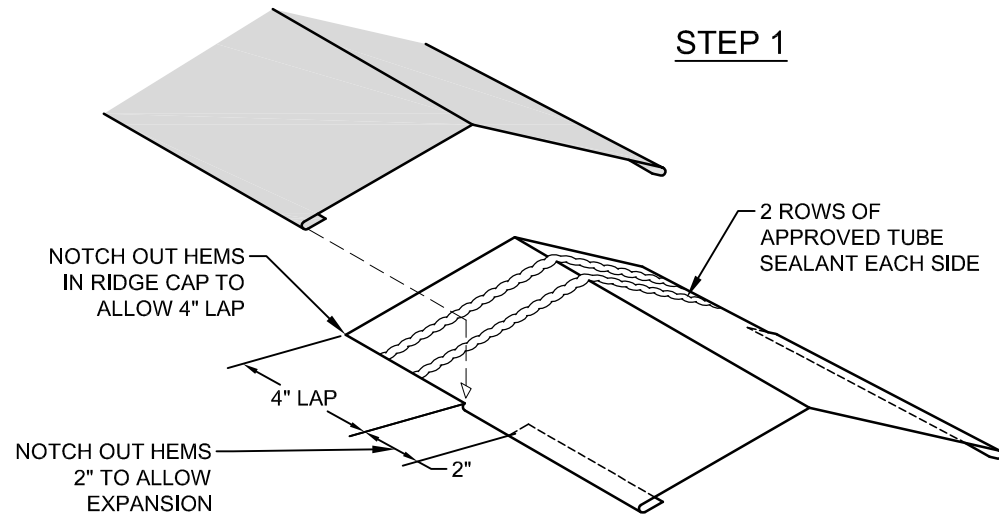
ML150-4.90

Substrate:

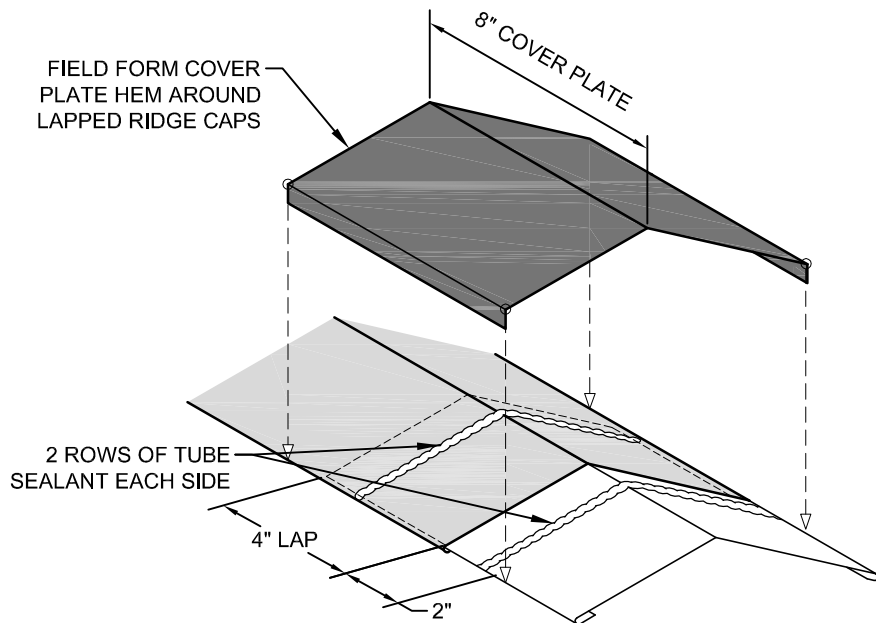
Project Name:

Location:

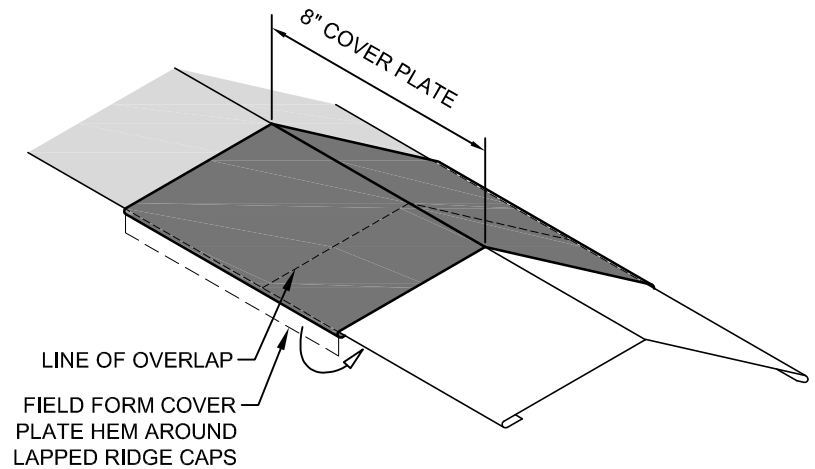
STEP 1



IMPORTANT INSTALLATION NOTE
 USE AT EVERY 40'0" OF CONTINUOUS RIDGE.
 DO NOT POP RIVET LAPPED FLASHING.



STEP 2



STEP 3



Description:

HIP & RIDGE CAP EXPANSION

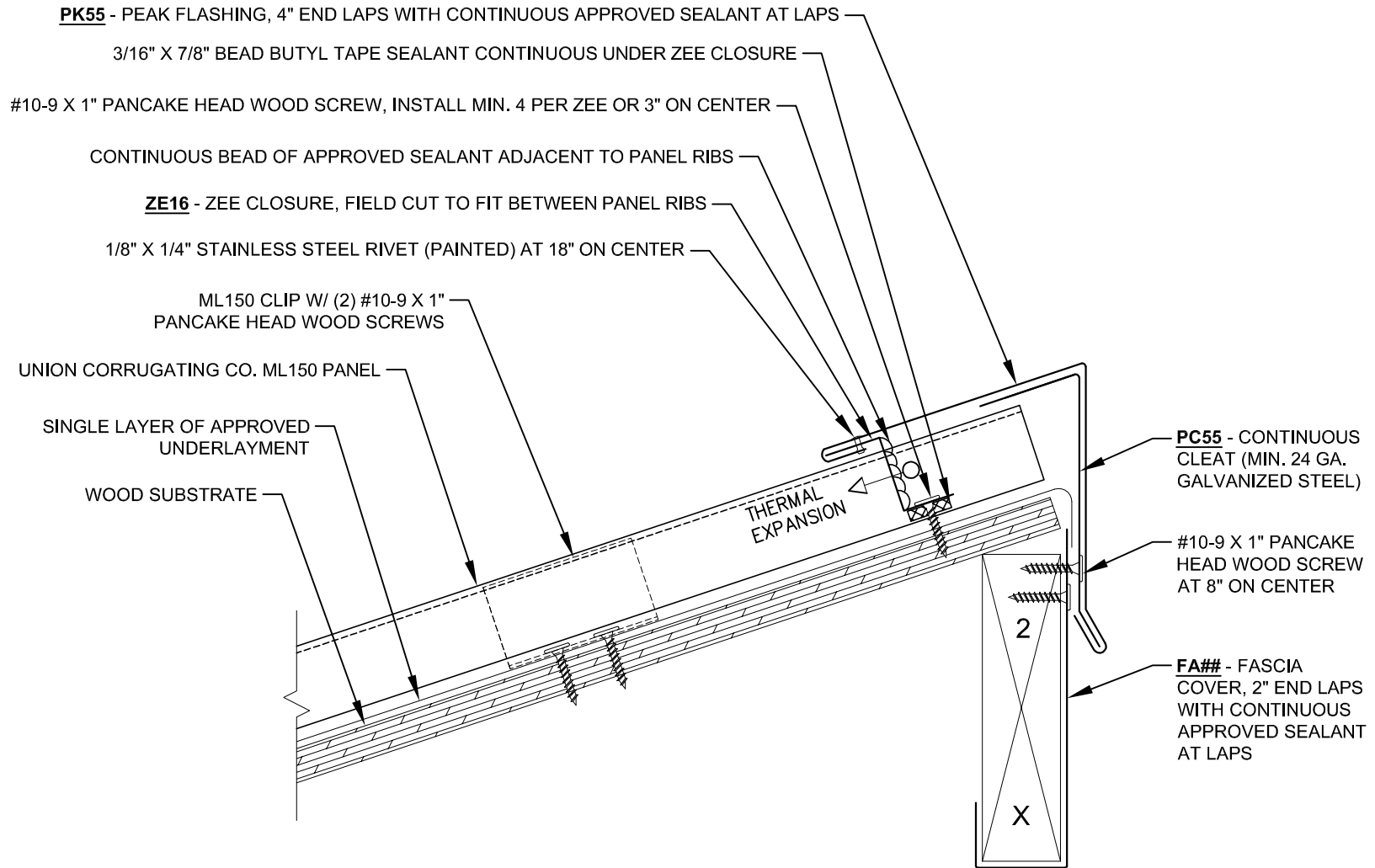
Detail No.:

ML150-4.91

Substrate:

Project Name:

Location:



Description:

PEAK DETAIL

Detail No.:

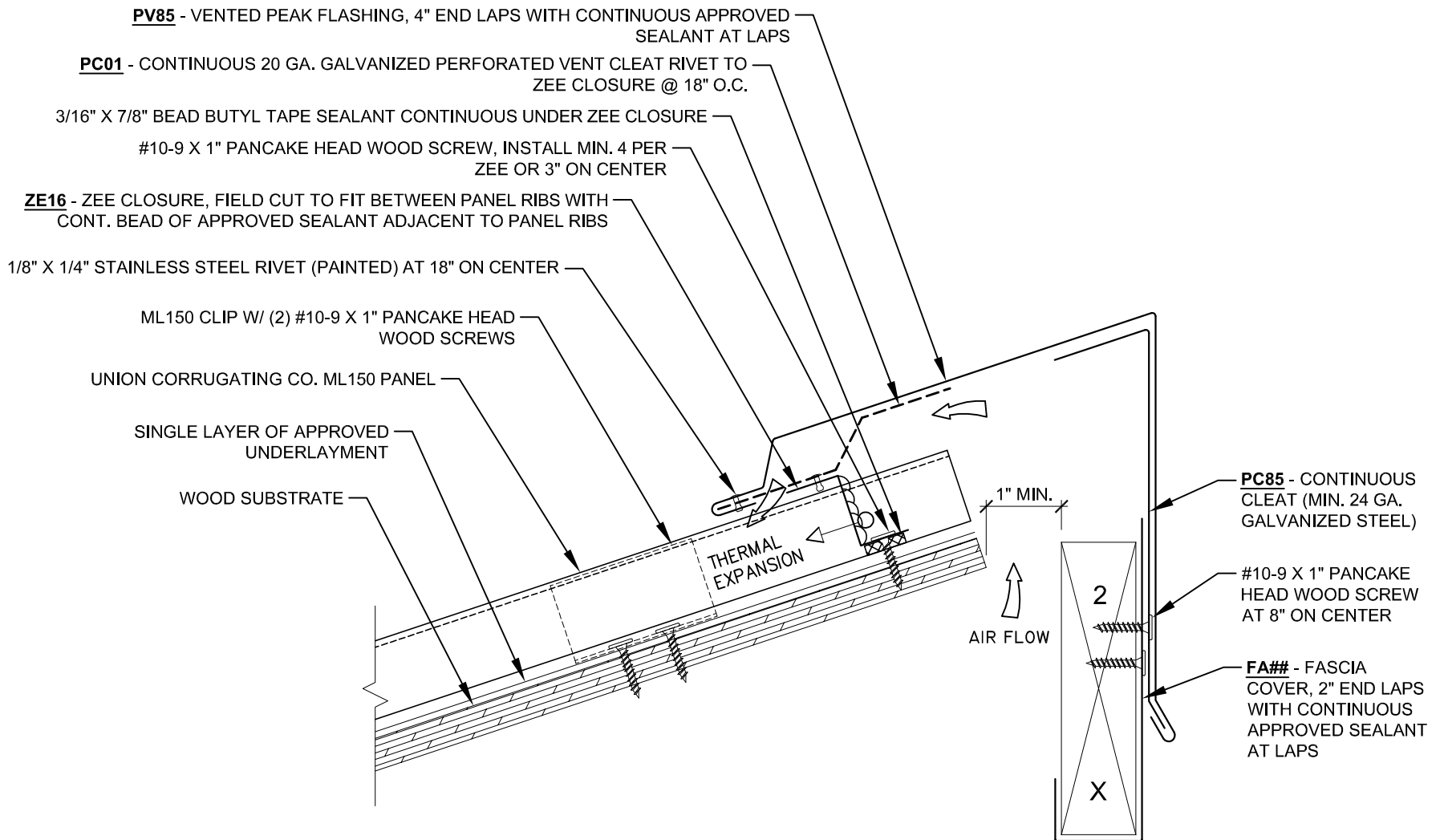
ML150-WS-5.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

VENTED PEAK DETAIL

Detail No.:

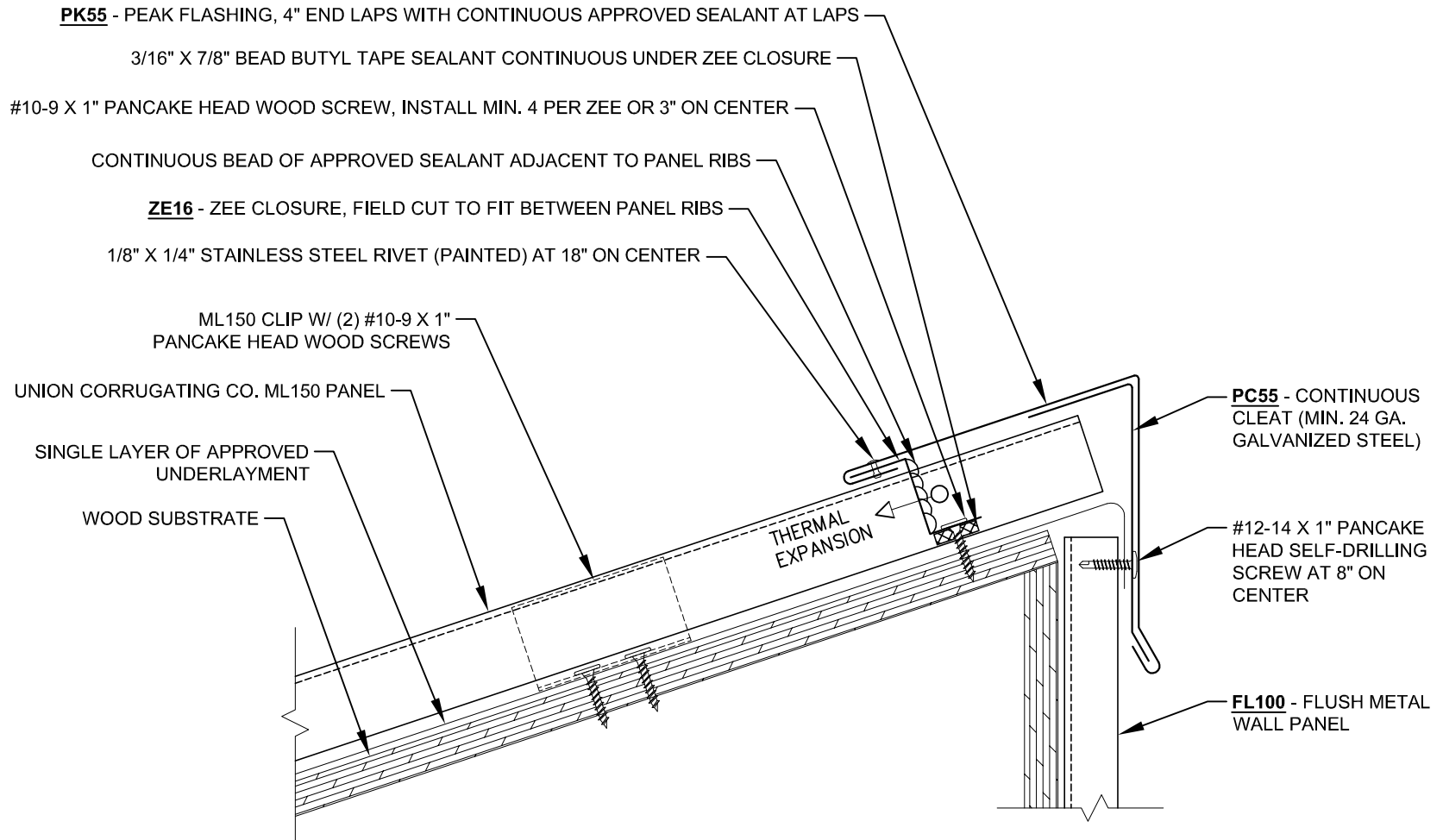
ML150-WS-5.20

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

PEAK DETAIL - WITH WALL PANELS

Detail No.:

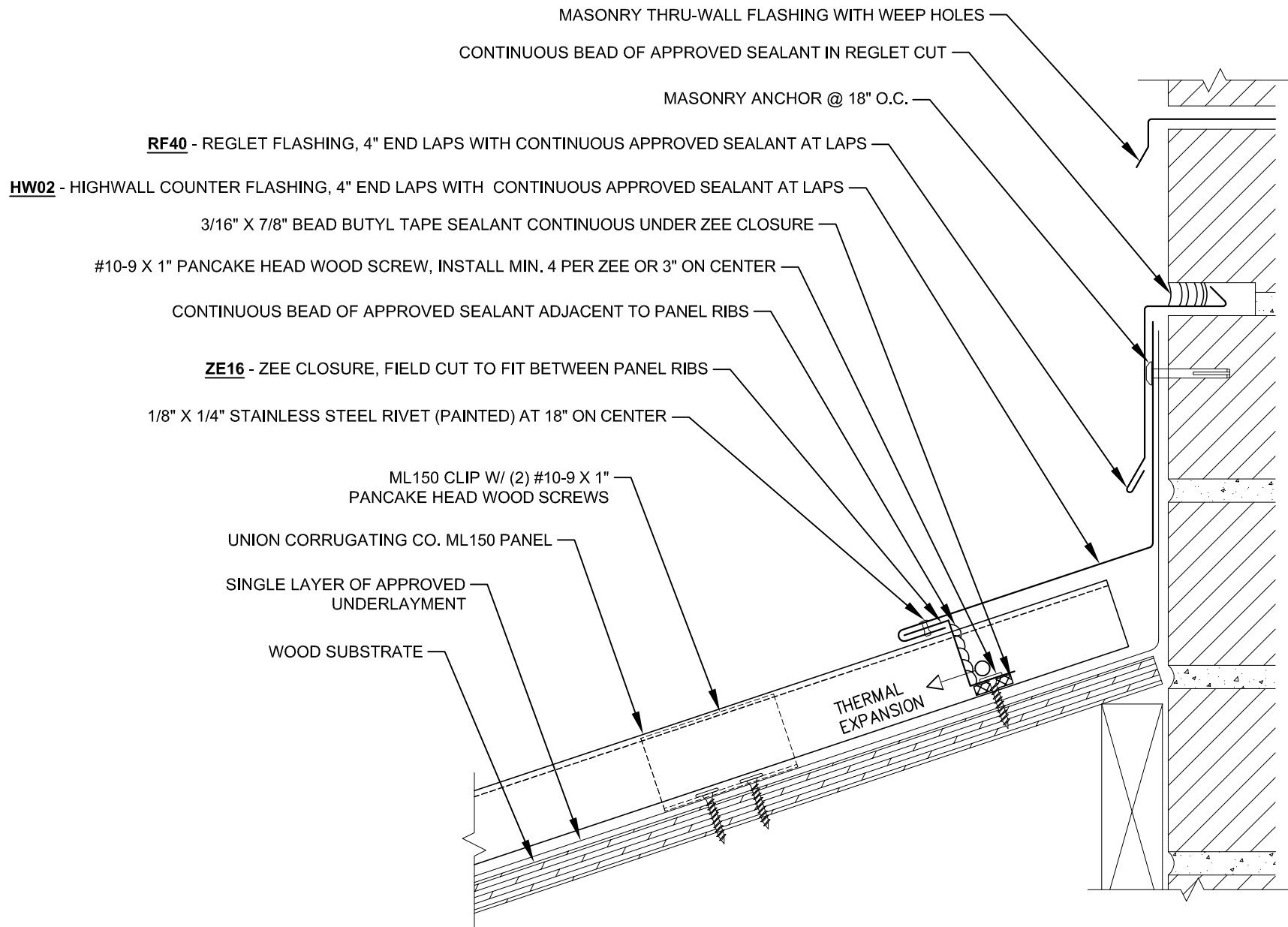
ML150-WS-5.40

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

HIGHWALL DETAIL - REGLET

Detail No.:

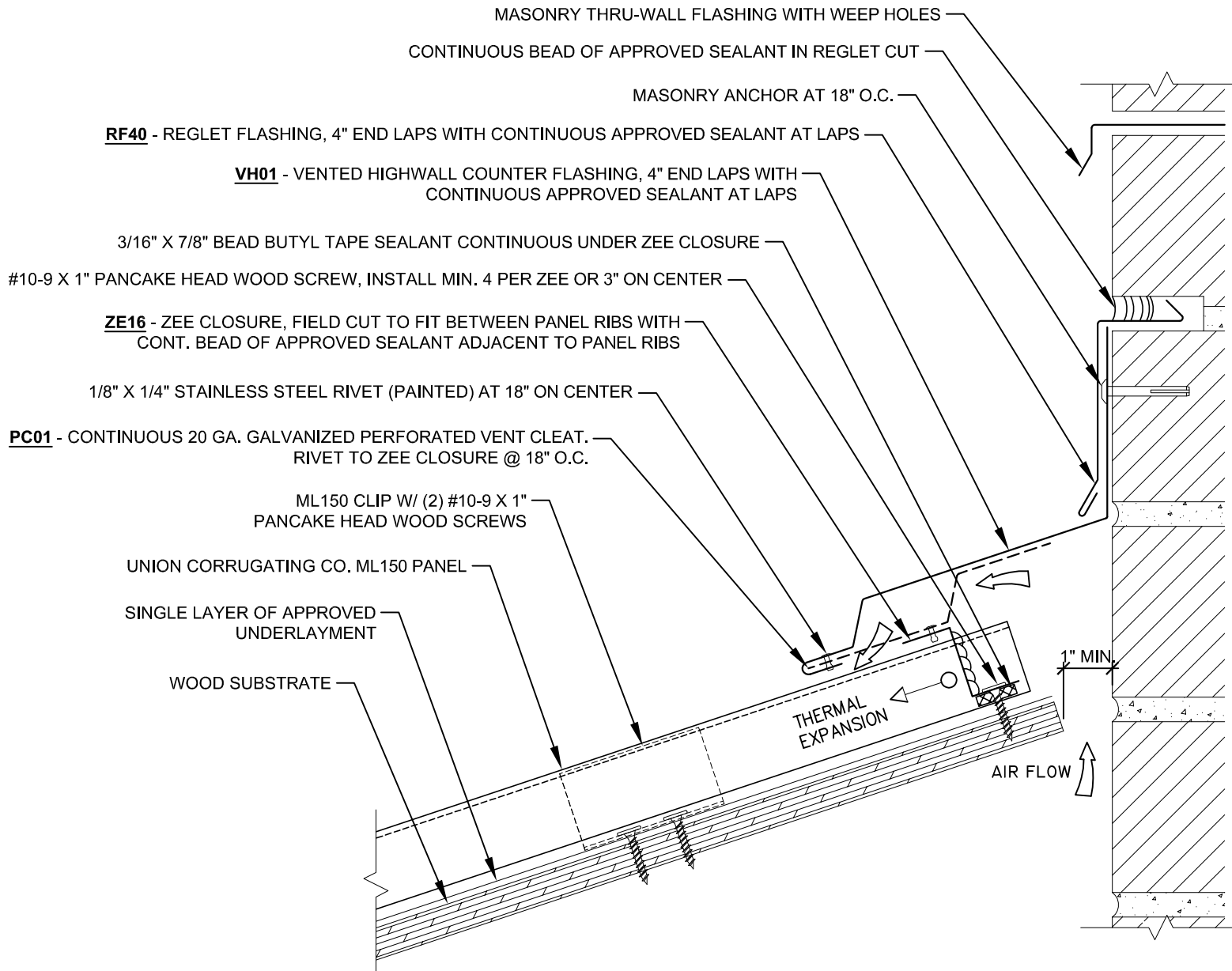
ML150-WS-6.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

VENTED HIGHWALL DETAIL - REGLET

Detail No.:

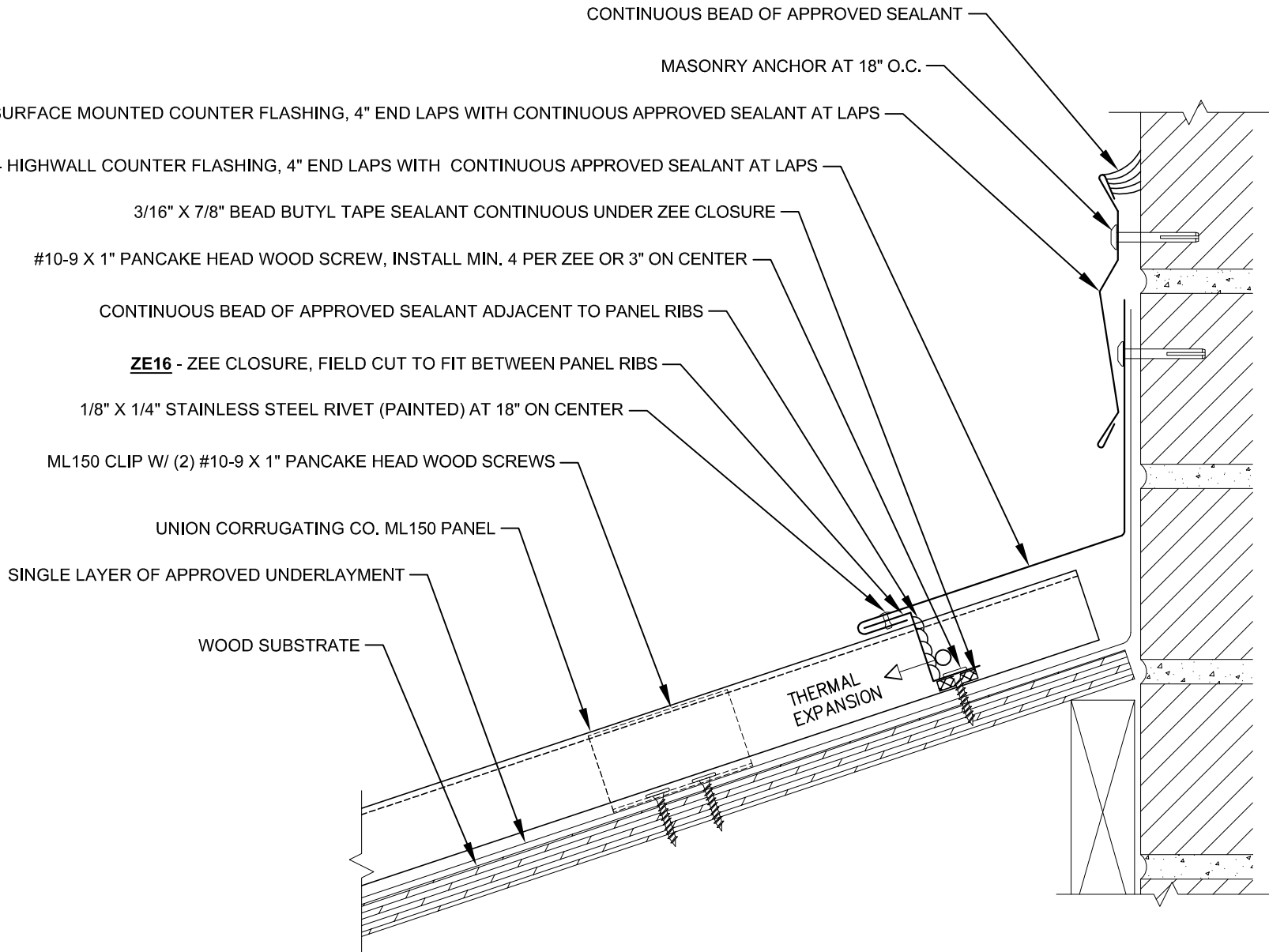
ML150-WS-6.11

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



SM55 - SURFACE MOUNTED COUNTER FLASHING, 4" END LAPS WITH CONTINUOUS APPROVED SEALANT AT LAPS

HW02 - HIGHWALL COUNTER FLASHING, 4" END LAPS WITH CONTINUOUS APPROVED SEALANT AT LAPS

3/16" X 7/8" BEAD BUTYL TAPE SEALANT CONTINUOUS UNDER ZEE CLOSURE

#10-9 X 1" PANCAKE HEAD WOOD SCREW, INSTALL MIN. 4 PER ZEE OR 3" ON CENTER

CONTINUOUS BEAD OF APPROVED SEALANT ADJACENT TO PANEL RIBS

ZE16 - ZEE CLOSURE, FIELD CUT TO FIT BETWEEN PANEL RIBS

1/8" X 1/4" STAINLESS STEEL RIVET (PAINTED) AT 18" ON CENTER

ML150 CLIP W/ (2) #10-9 X 1" PANCAKE HEAD WOOD SCREWS

UNION CORRUGATING CO. ML150 PANEL

SINGLE LAYER OF APPROVED UNDERLAYMENT

WOOD SUBSTRATE

THERMAL EXPANSION

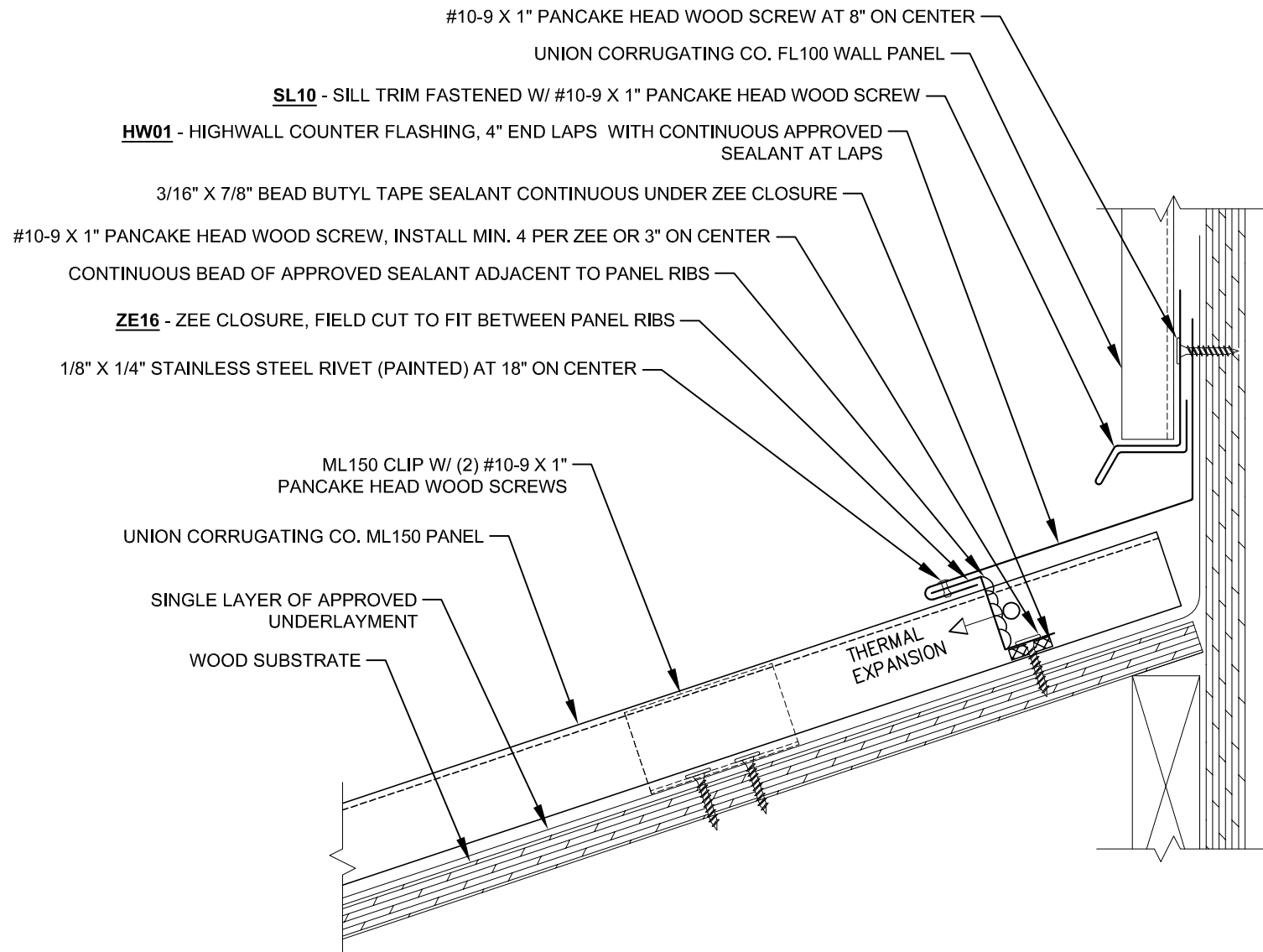


Description: **HIGHWALL DETAIL - SURFACE MOUNTED**

Detail No.: **ML150-WS-6.12**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:



Description:

HIGHWALL DETAIL - WALL PANEL W/ SILL

Detail No.:

ML150-WS-6.14

Substrate:

WOOD SUBSTRATE

Project Name:

Location:

MEMBRANE ROOFING SYSTEM. EXTEND OVER PARAPET AND DOWN FACE OF WALL MINIMUM 3"

COPING SYSTEM WITH CONTINUOUS CLEAT (MIN. 24 GAUGE) FASTENED AT 8" ON CENTER AT CLEAT AND 24" ON CENTER AT REAR. INSTALL WITH 4" END LAPS WITH CONTINUOUS APPROVED SEALANT AT LAPS.

HW02 - HIGHWALL COUNTER FLASHING, 4" END LAPS WITH CONTINUOUS APPROVED SEALANT AT LAPS

3/16" X 7/8" BEAD BUTYL TAPE SEALANT CONTINUOUS UNDER ZEE CLOSURE

#10-9 X 1" PANCAKE HEAD WOOD SCREW, INSTALL MIN. 4 PER ZEE OR 3" ON CENTER

CONTINUOUS BEAD OF APPROVED SEALANT ADJACENT TO PANEL RIBS

ZE16 - ZEE CLOSURE, FIELD CUT TO FIT BETWEEN PANEL RIBS

1/8" X 1/4" STAINLESS STEEL RIVET (PAINTED) AT 18" ON CENTER

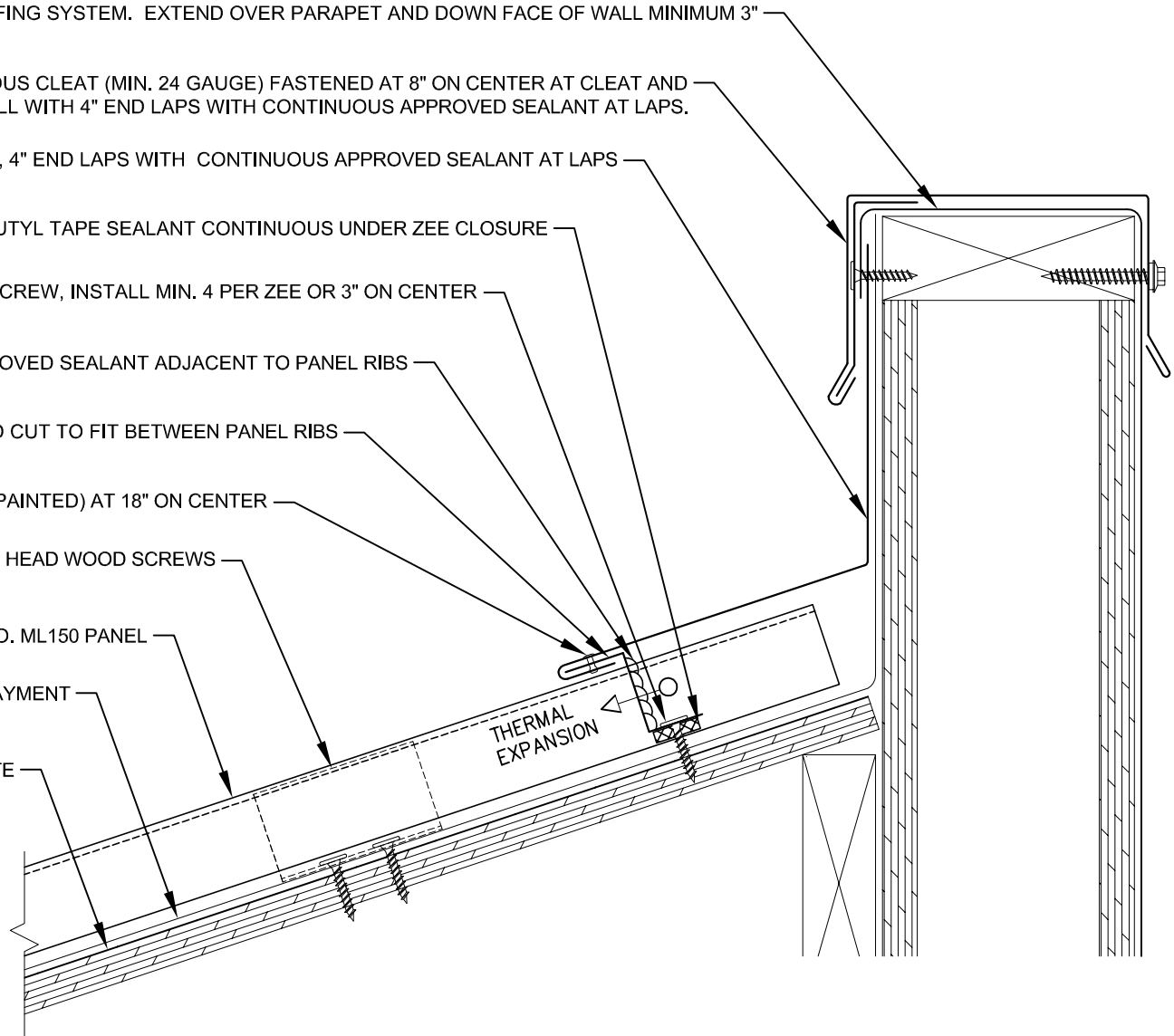
ML150 CLIP W/ (2) #10-9 X 1" PANCAKE HEAD WOOD SCREWS

UNION CORRUGATING CO. ML150 PANEL

SINGLE LAYER OF APPROVED UNDERLAYMENT

WOOD SUBSTRATE

THERMAL EXPANSION



Description:

HIGHWALL DETAIL - PARAPET COPING

Detail No.:

ML150-WS-6.20

Substrate:

WOOD SUBSTRATE

Project Name:

Location:

FILL END OF PANEL RIB W/ APPROVED SEALANT FOLD TAB AROUND RIB FOR CLOSURE

LW01 - LOW WALL FLASHING, 12" END LAPS WITH 2 ROWS OF APPROVED SEALANT AT LAPS

CUT BACK VERTICAL PANEL LEGS AND FIELD FORM PANEL AROUND OFFSET. REFER TO EAVE EXPANSION DETAIL FOR PROPER EXPANSION/CONTRACTION GAP

#10-9 X 1" PANCAKE HEAD WOOD SCREW AT 8" O.C.

OC01 - CONTINUOUS 24 GAUGE OFFSET CLEAT SET IN CONTINUOUS 3/16" X 7/8" BUTYL TAPE SEALANT

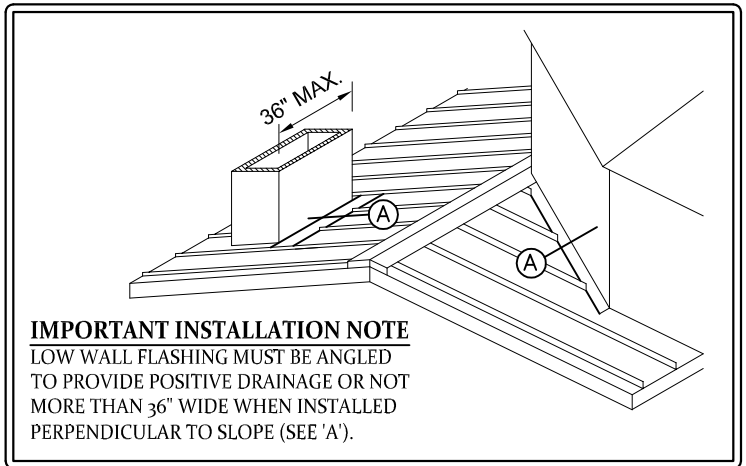
STRIP IN LOW WALL FLASHING WITH FIELD COURSE OF APPROVED UNDERLAYMENT

UNION CORRUGATING CO. ML150 PANEL

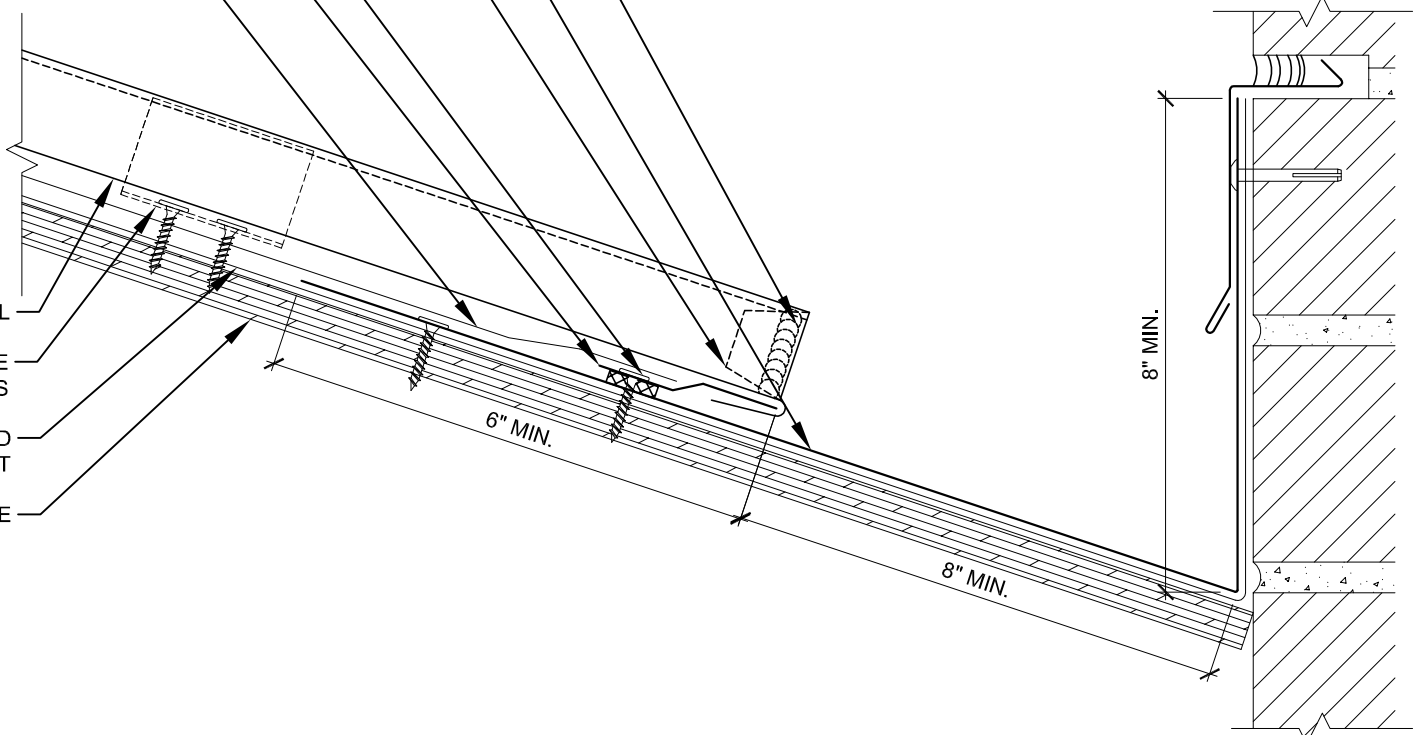
ML150 CLIP WITH (2) #10-9 X 1" PANCAKE HEAD WOOD SCREWS

SINGLE LAYER OF APPROVED UNDERLAYMENT

WOOD SUBSTRATE



IMPORTANT INSTALLATION NOTE
 LOW WALL FLASHING MUST BE ANGLED TO PROVIDE POSITIVE DRAINAGE OR NOT MORE THAN 36" WIDE WHEN INSTALLED PERPENDICULAR TO SLOPE (SEE 'A').



Description:

VALLEY WALL DETAIL

Detail No.:

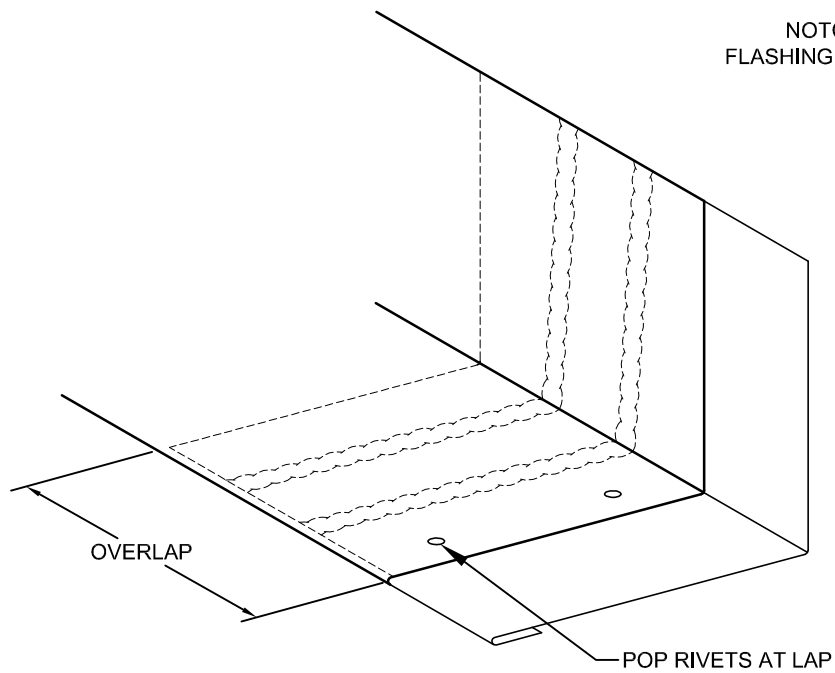
ML150-WS-6.30

Substrate:

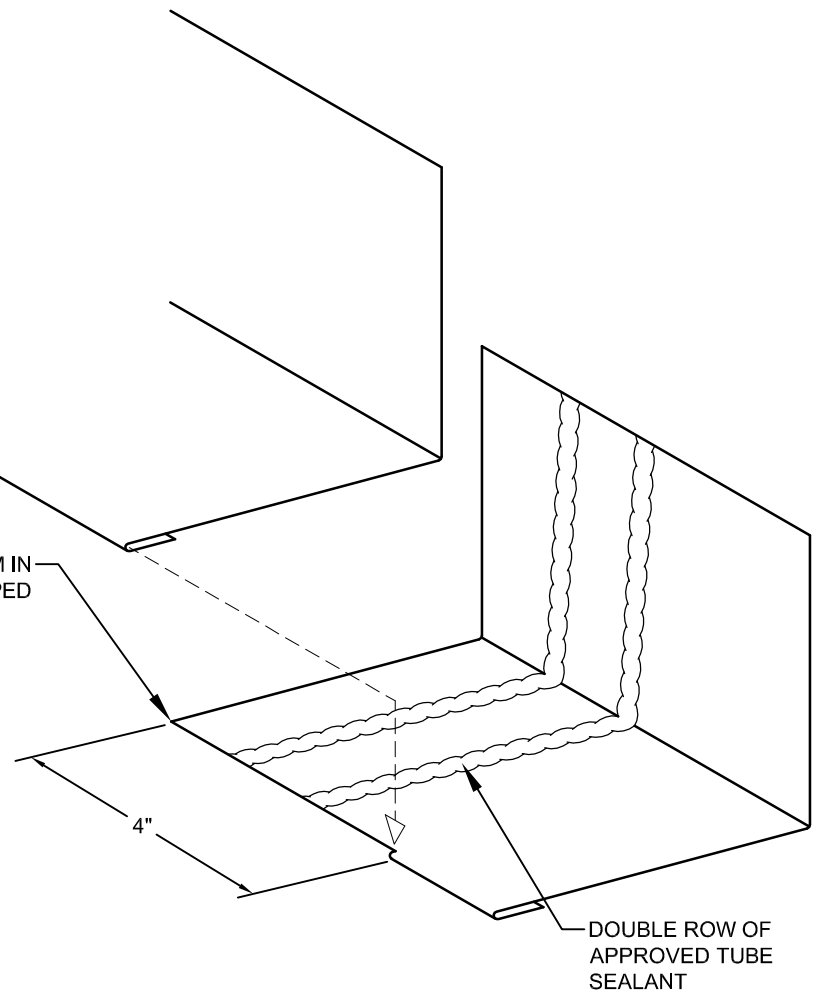
WOOD SUBSTRATE

Project Name:

Location:



NOTCH OUT HEM IN FLASHING TO BE LAPPED



Description:

HIGHWALL LAP DETAIL

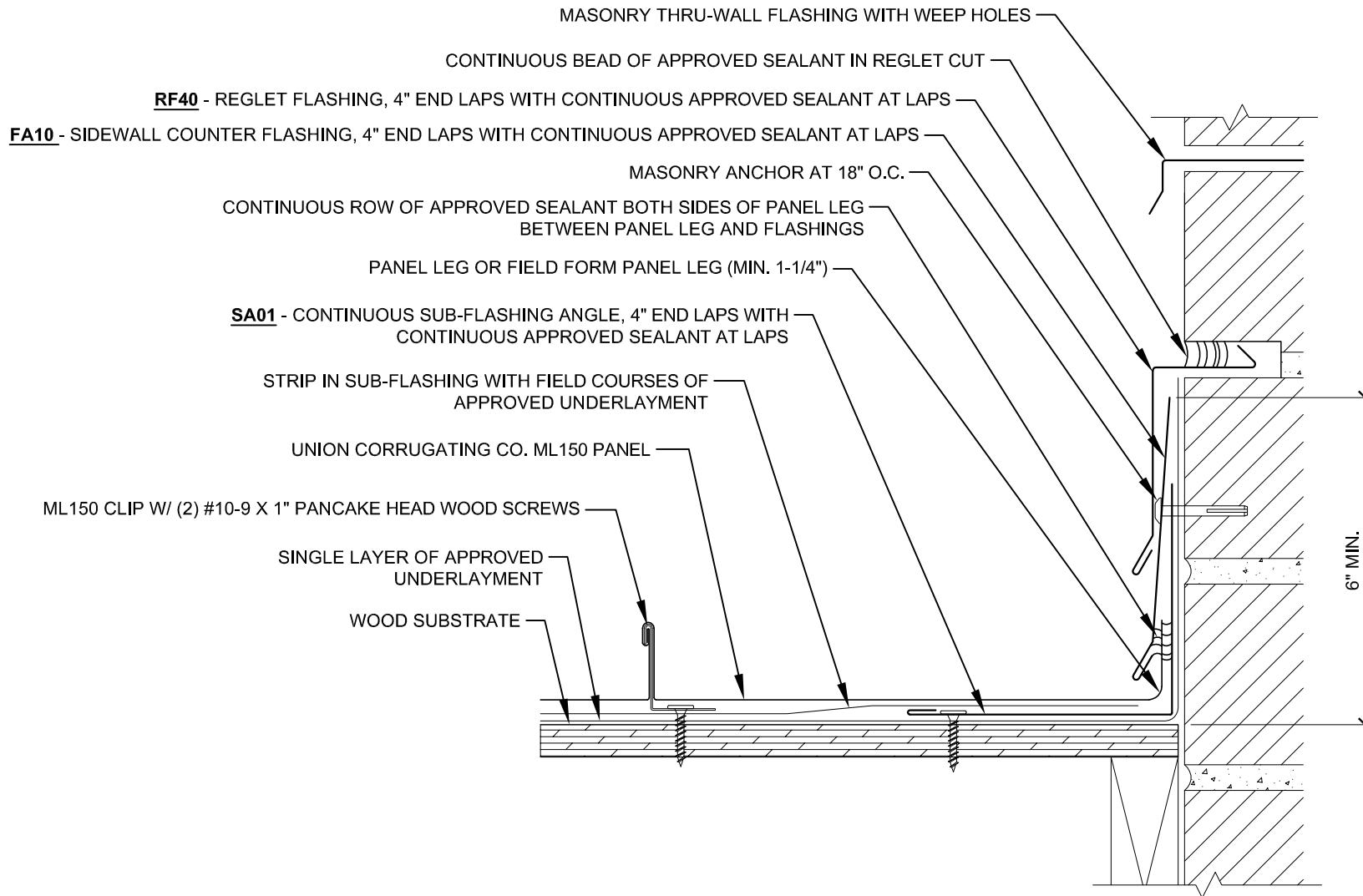
Detail No.:

ML150-6.90

Substrate:

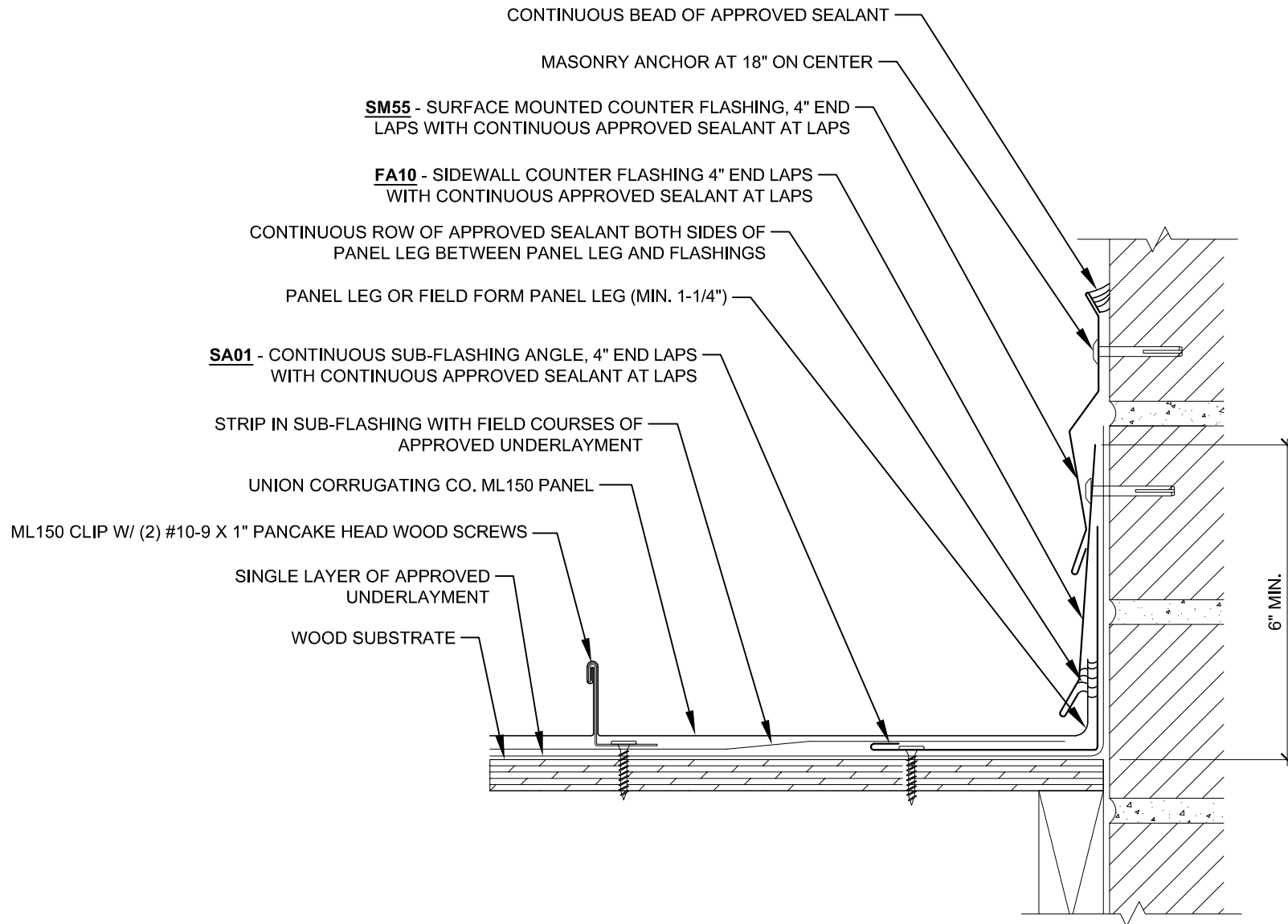
Project Name:

Location:



Description:	SIDEWALL DETAIL - REGLET				
Substrate:	WOOD SUBSTRATE	Project Name:		Location:	

Detail No.:
ML150-WS-7.11



Description:

SIDEWALL DETAIL - SURFACE MOUNT

Detail No.:

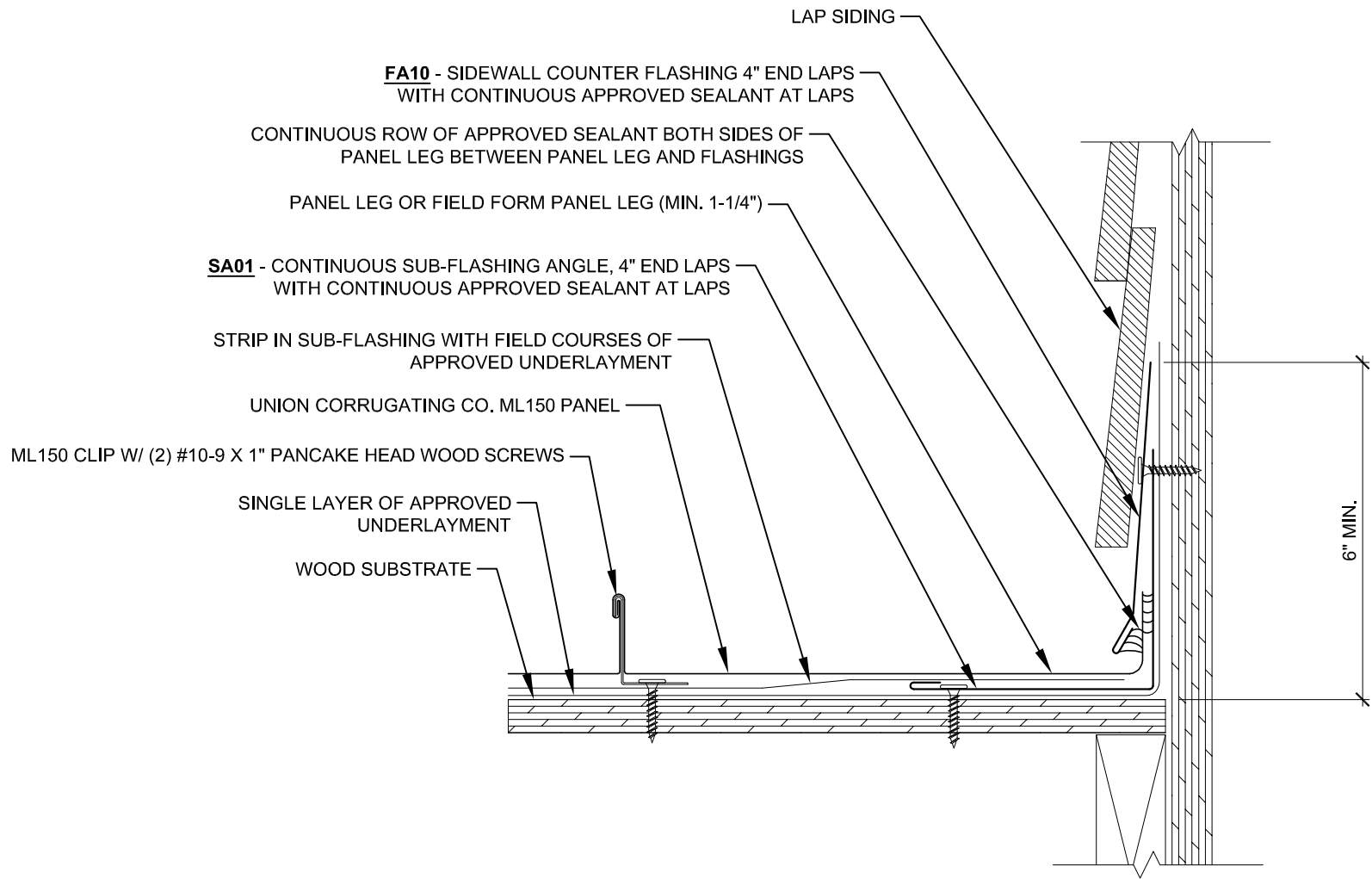
ML150-WS-7.12

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



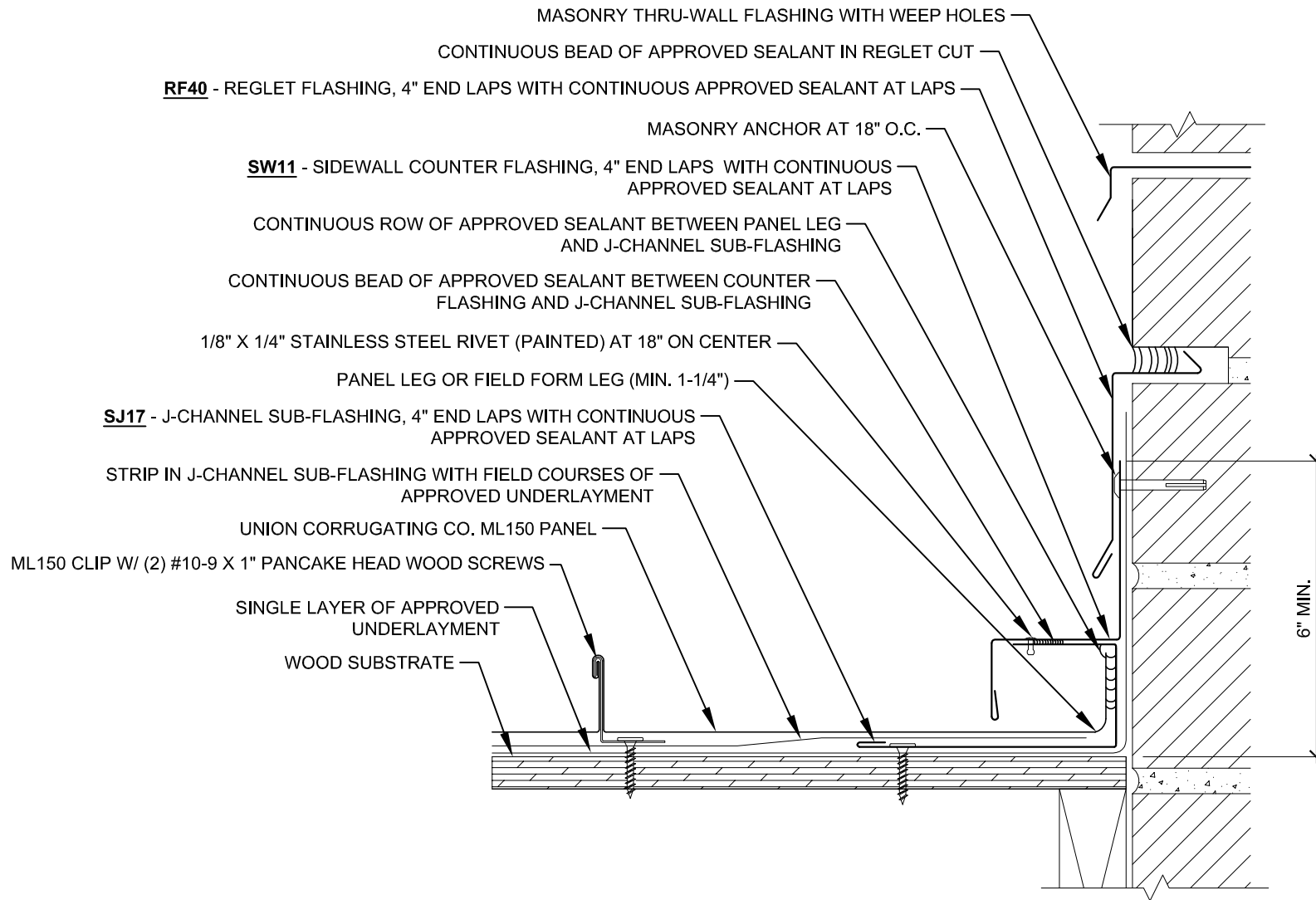
Description: **SIDEWALL DETAIL - WOOD FRAMING & SIDING**

Substrate: **WOOD SUBSTRATE**

Detail No.: **ML150-WS-7.13**

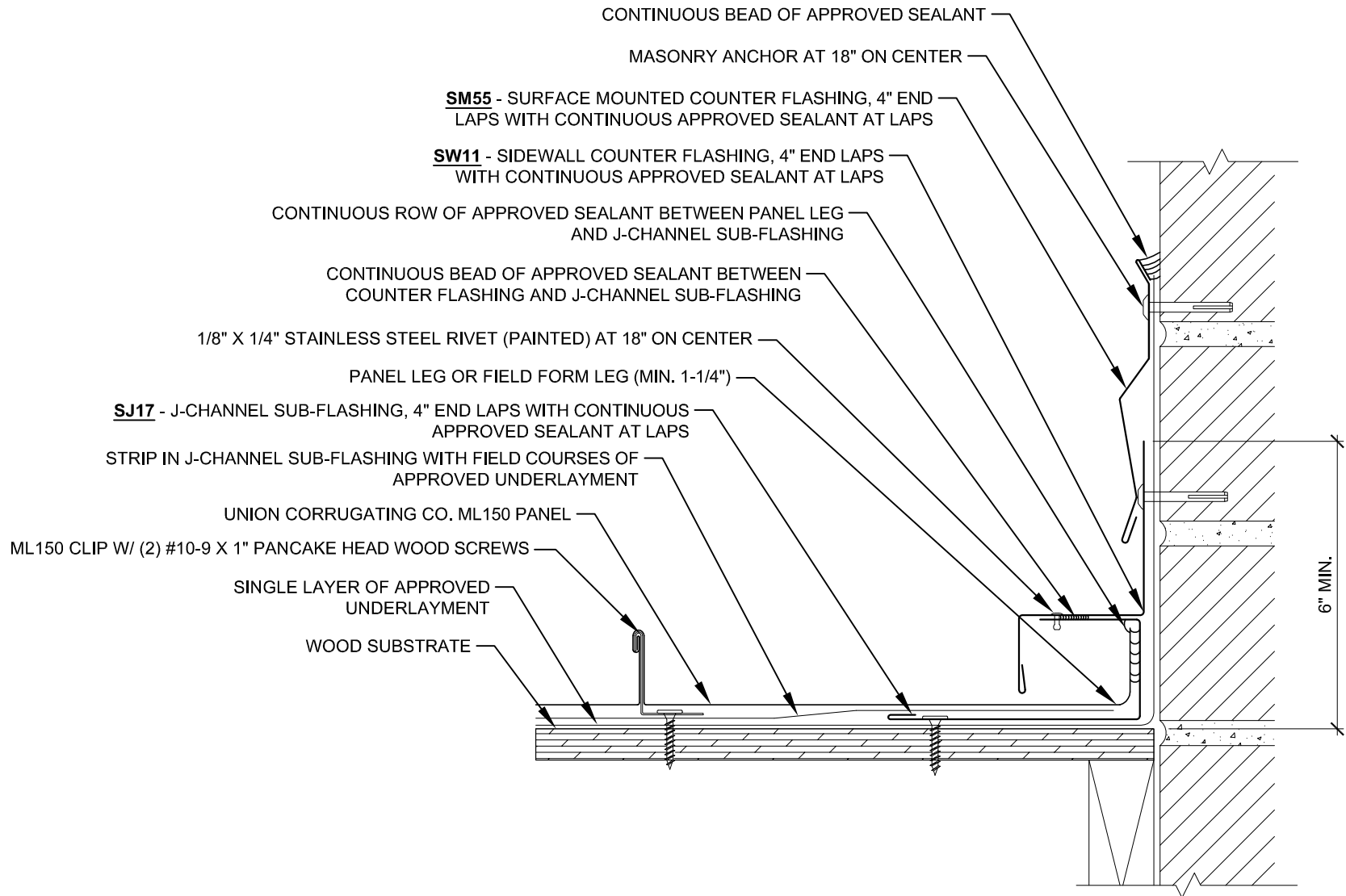
Project Name:

Location:



Description:	SIDEWALL DETAIL - REGLET		Detail No.:	ML150-WS-7.21
	Substrate:	WOOD SUBSTRATE		Project Name:
			Location:	

Details and instructions subject to change without notice. Contact Union Corrugating Company for specific project details.

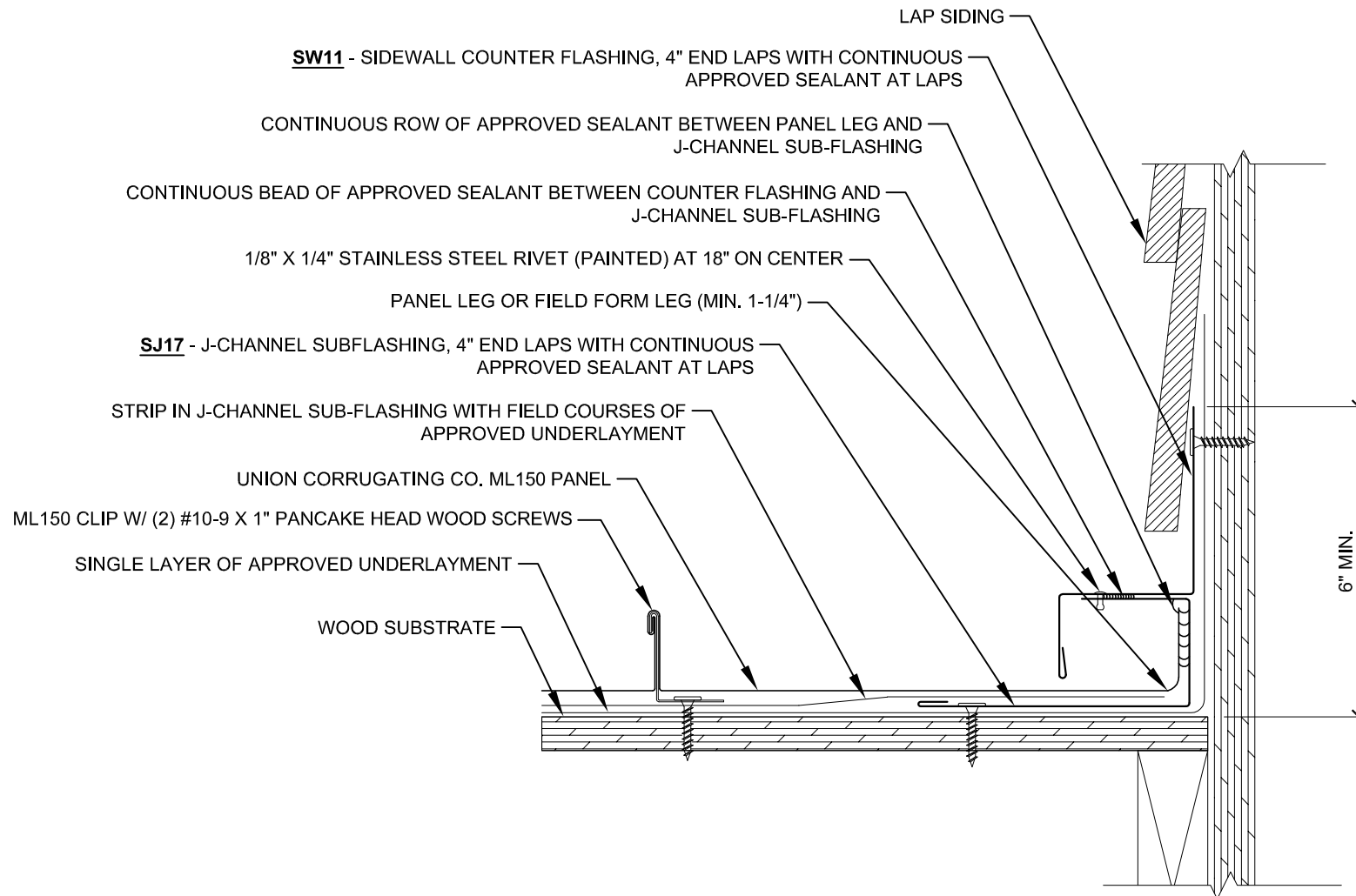


Description: **SIDEWALL DETAIL - SURFACE MOUNT**

Detail No.: **ML150-WS-7.22**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:

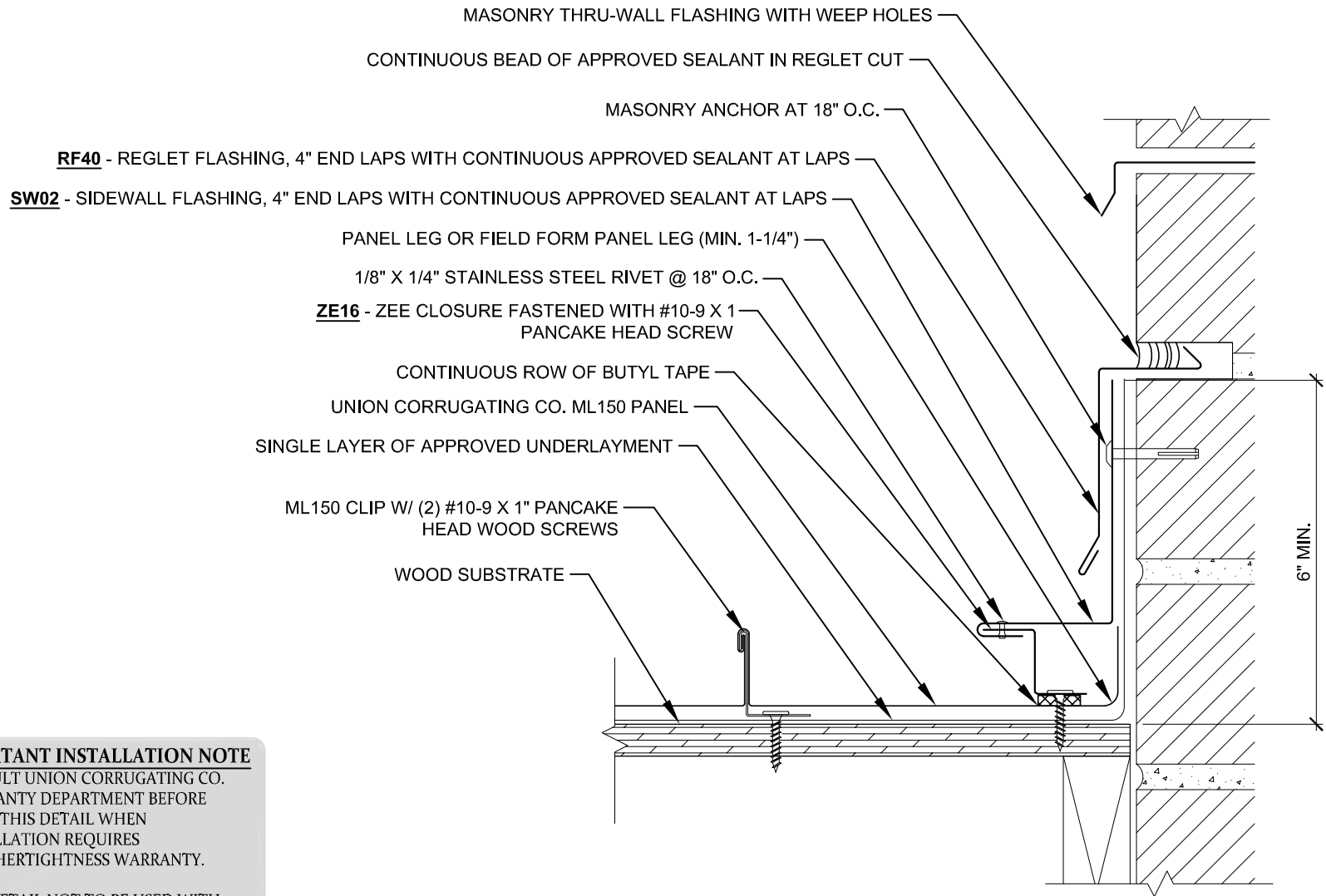


Description: **SIDEWALL DETAIL - WOOD FRAMING & SIDING**

Detail No.: **ML150-WS-7.23**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:

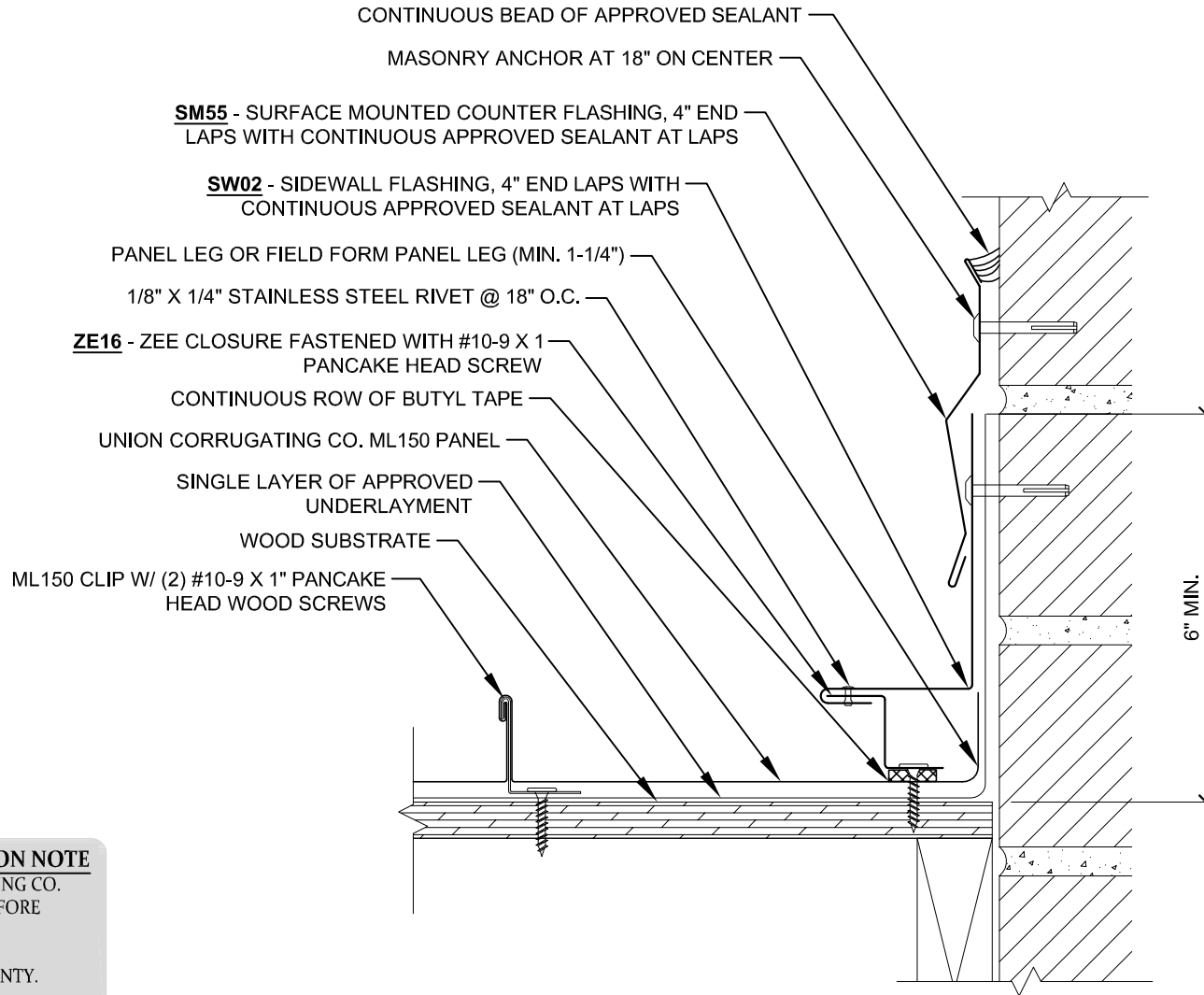


IMPORTANT INSTALLATION NOTE

- CONSULT UNION CORRUGATING CO. WARRANTY DEPARTMENT BEFORE USING THIS DETAIL WHEN INSTALLATION REQUIRES WEATHERTIGHTNESS WARRANTY.
- THIS DETAIL NOT TO BE USED WITH PANEL LENGTHS GREATER THAN 30'-0".



Description:	SIDEWALL W/ ZEE DETAIL - REGLET		Detail No.: ML150-WS-7.31
	Substrate:	WOOD SUBSTRATE	



IMPORTANT INSTALLATION NOTE

- CONSULT UNION CORRUGATING CO. WARRANTY DEPARTMENT BEFORE USING THIS DETAIL WHEN INSTALLATION REQUIRES WEATHERTIGHTNESS WARRANTY.
- THIS DETAIL NOT TO BE USED WITH PANEL LENGTHS GREATER THAN 30'-0".



Description:

SIDEWALL W/ ZEE DETAIL - SURFACE MOUNT

Detail No.:

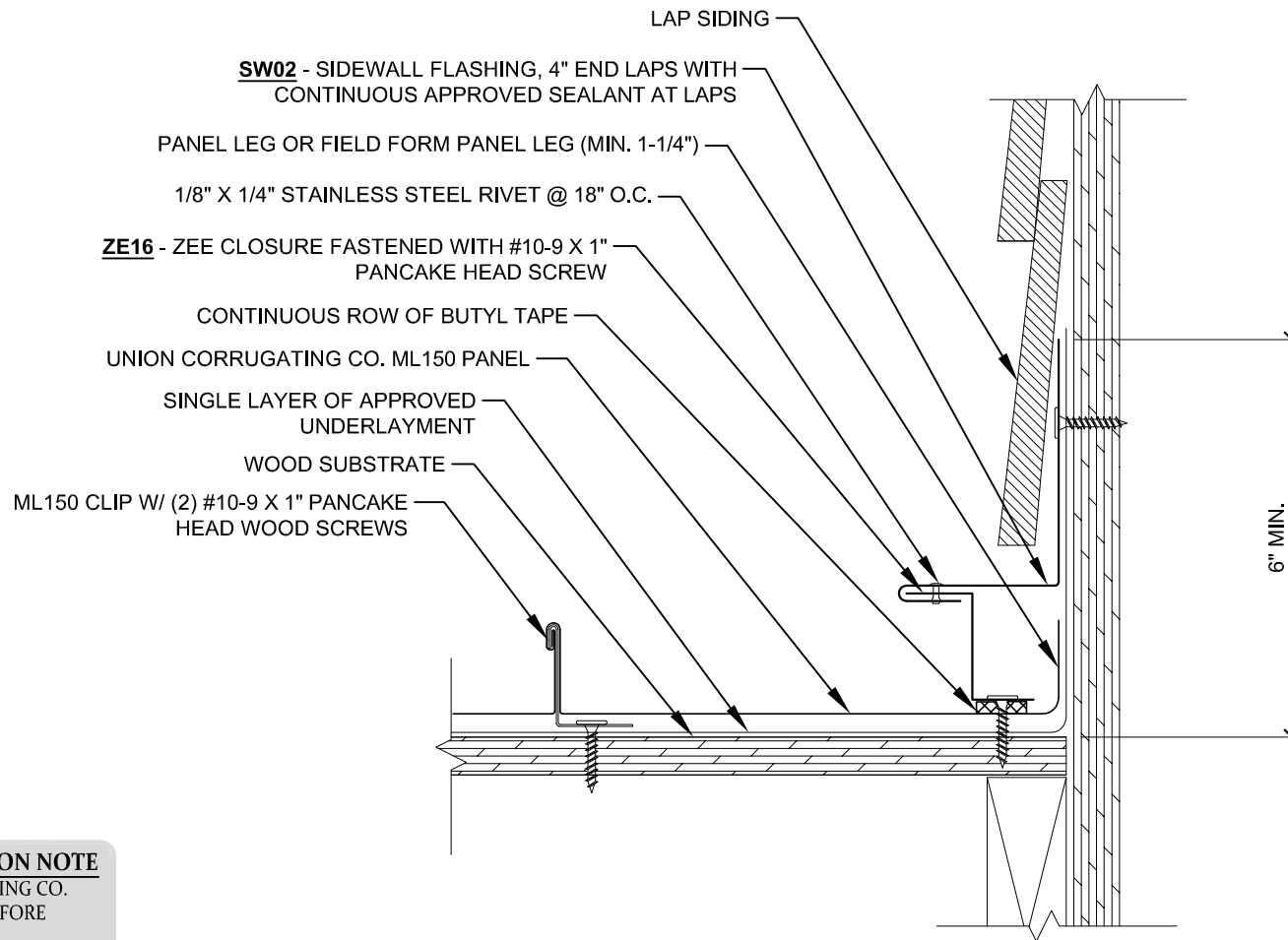
ML150-WS-7.32

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



IMPORTANT INSTALLATION NOTE

- CONSULT UNION CORRUGATING CO. WARRANTY DEPARTMENT BEFORE USING THIS DETAIL WHEN INSTALLATION REQUIRES WEATHERTIGHTNESS WARRANTY.
- THIS DETAIL NOT TO BE USED WITH PANEL LENGTHS GREATER THAN 30'-0".



Description:

SIDEWALL W/ ZEE - WOOD FRAMING & SIDING

Substrate:

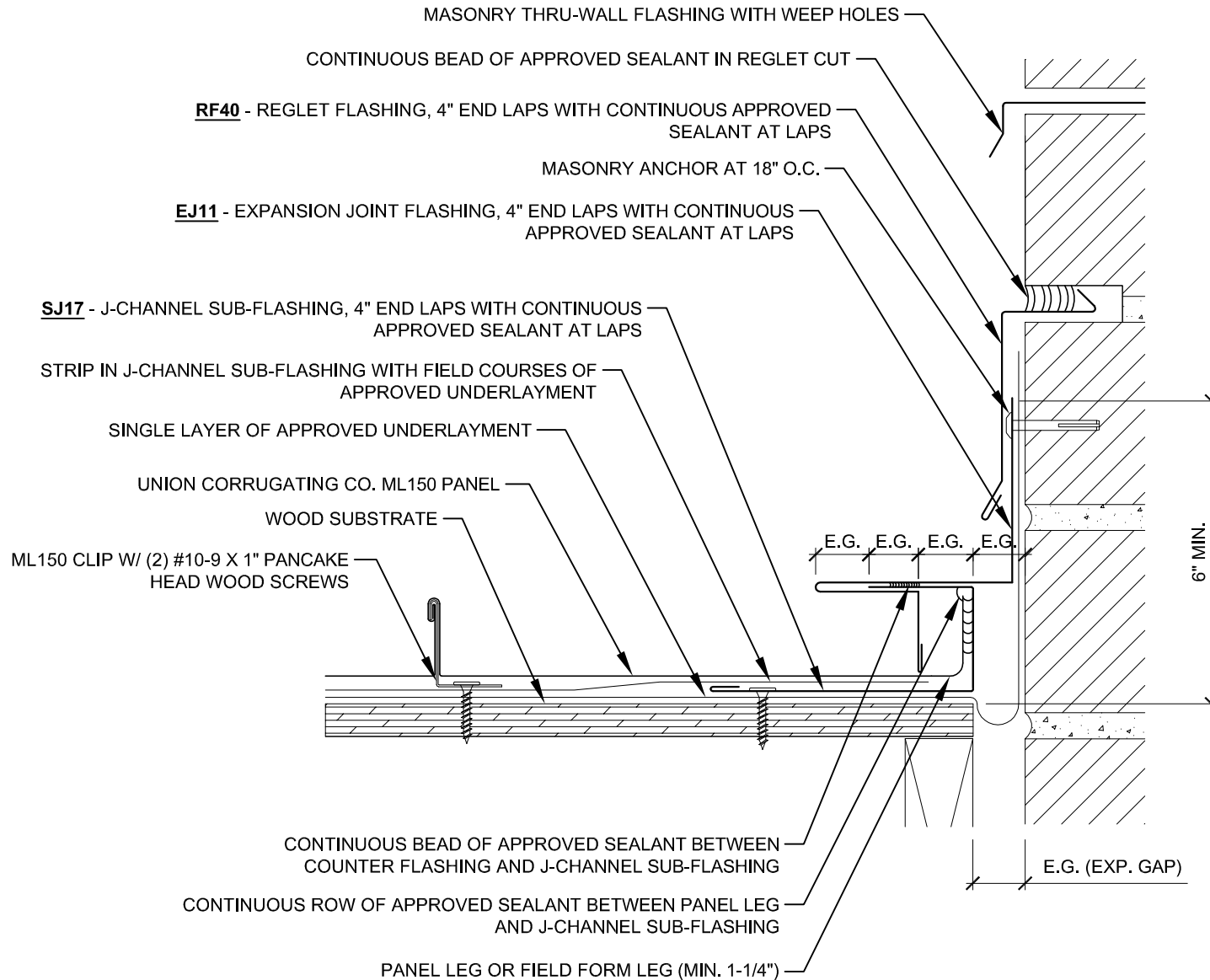
WOOD SUBSTRATE

Project Name:

Location:

Detail No.:

ML150-WS-7.33



Description:

SIDEWALL EXPANSION JOINT DETAIL

Detail No.:

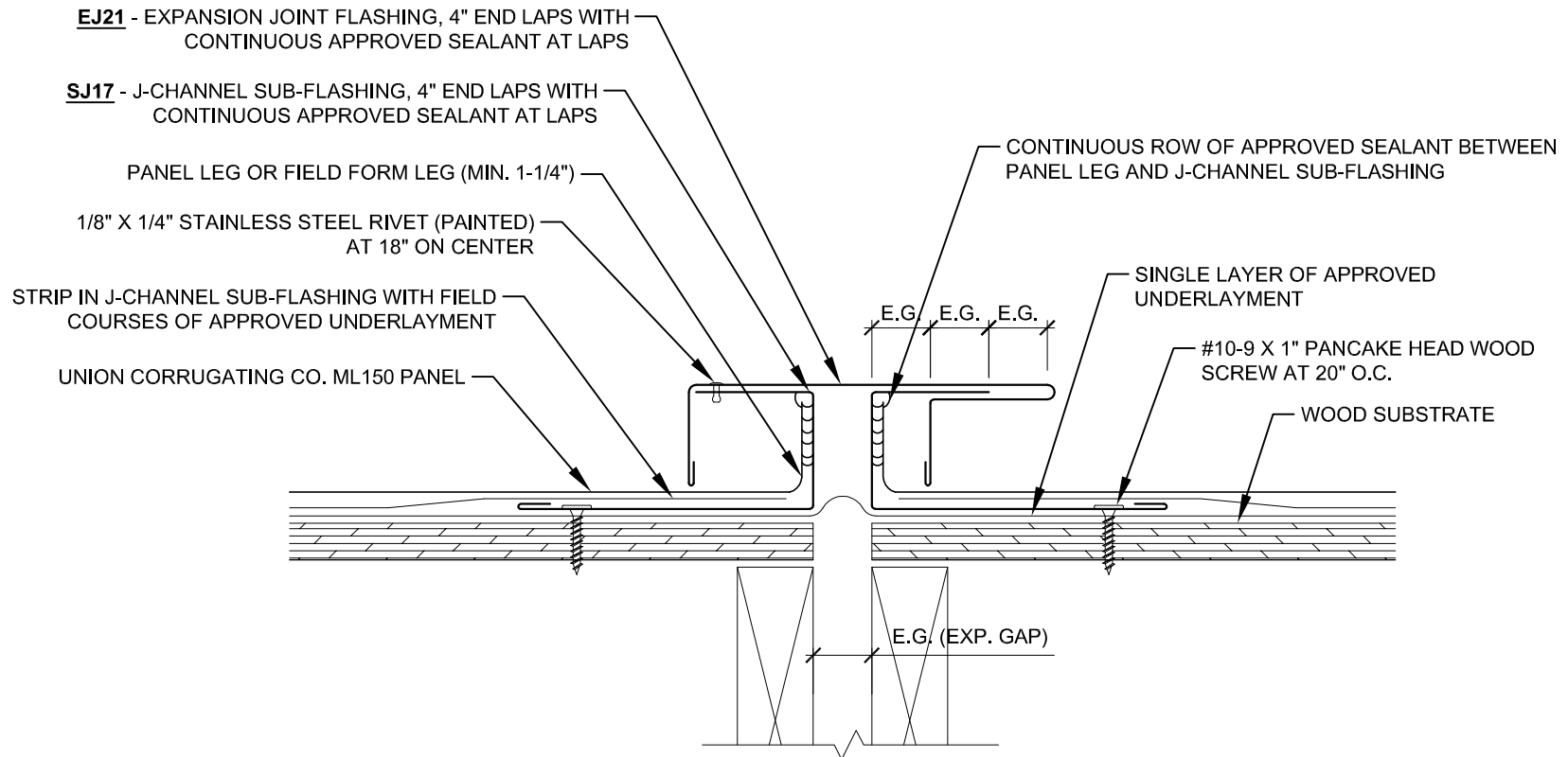
ML150-WS-7.40

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

EXPANSION JOINT (MID-ROOF)

Detail No.:

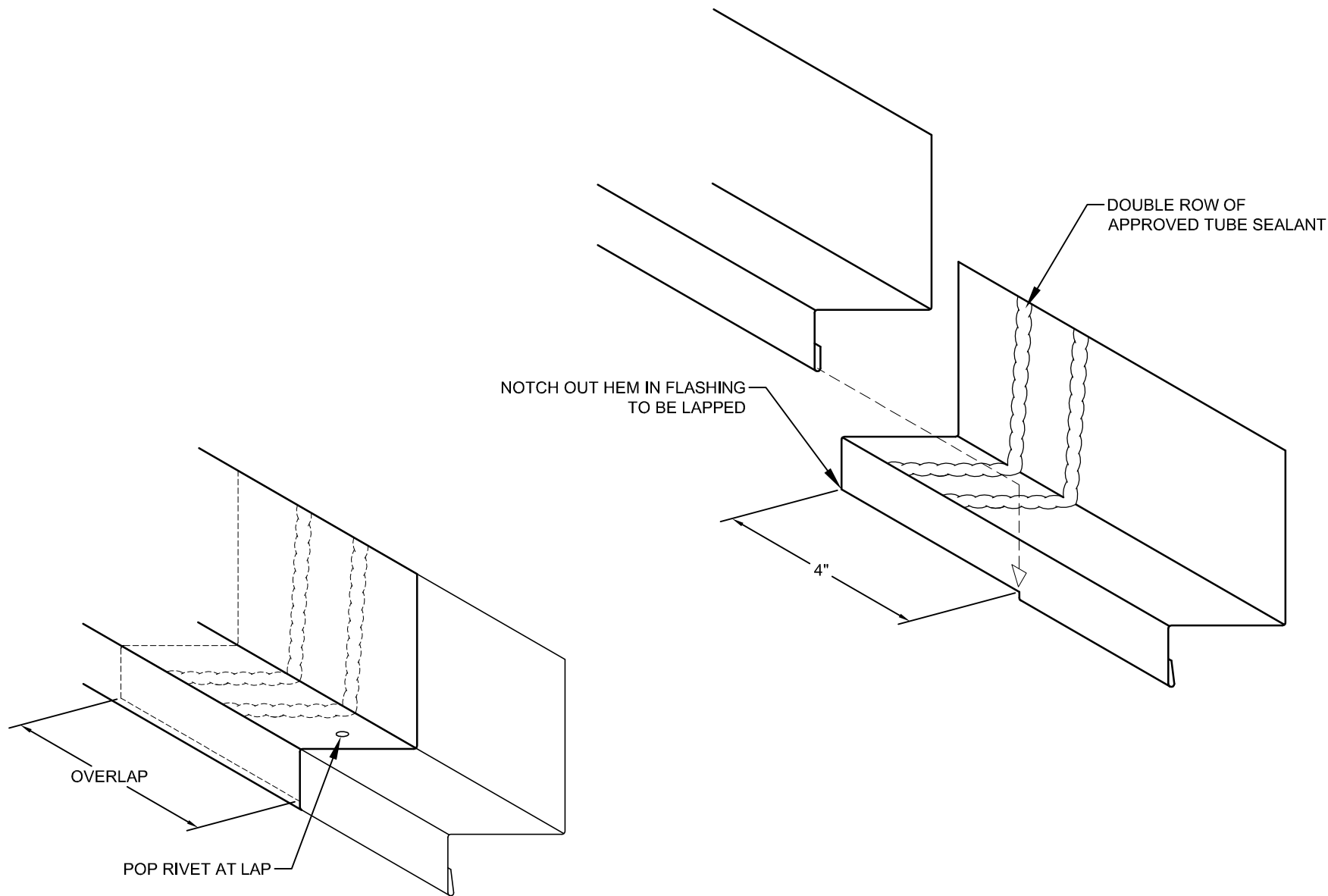
ML150-WS-7.50

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

SIDEWALL LAP DETAIL

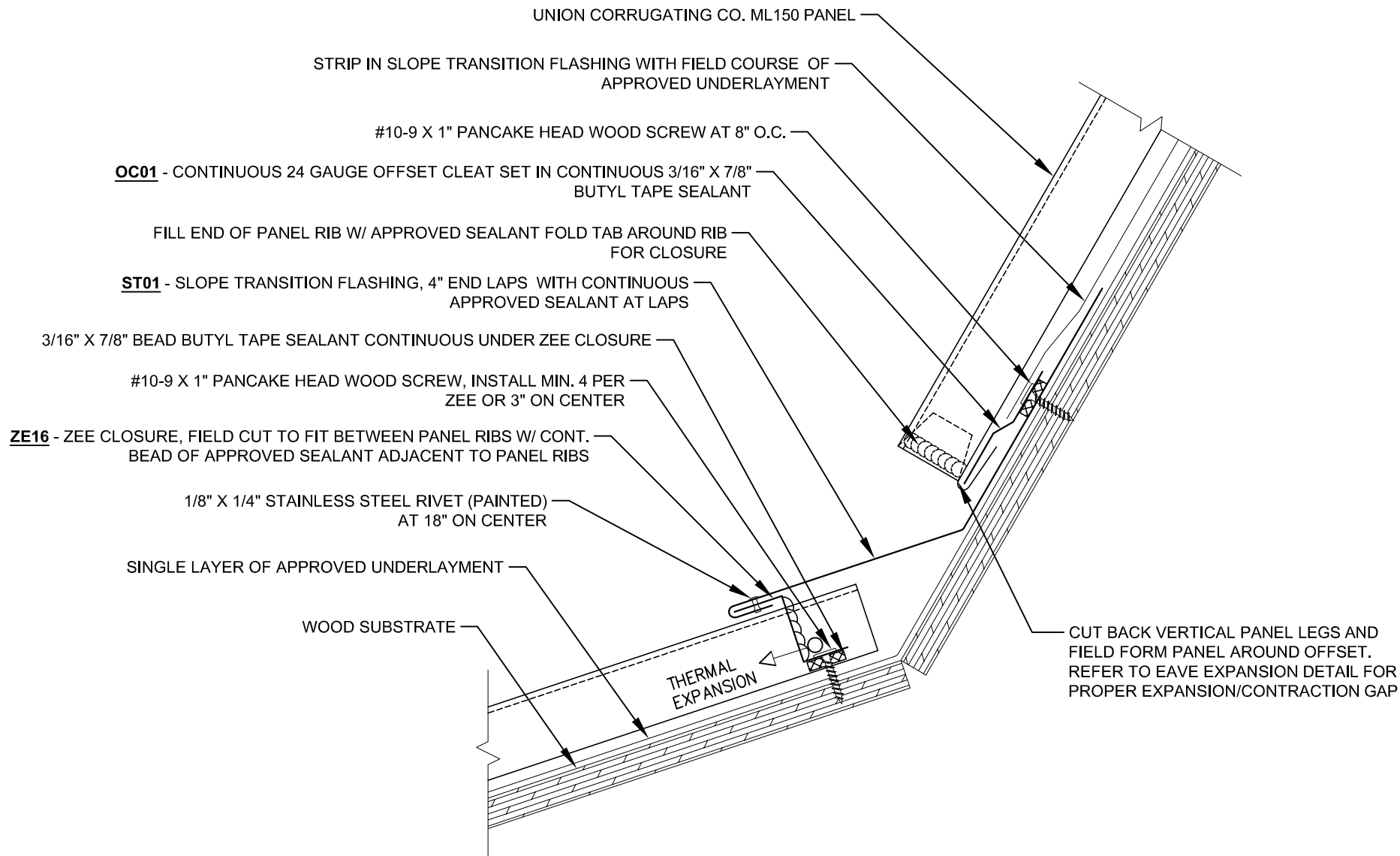
Detail No.:

ML150-7.90

Substrate:

Project Name:

Location:



Description:

SLOPE TRANSITION DETAIL

Detail No.:

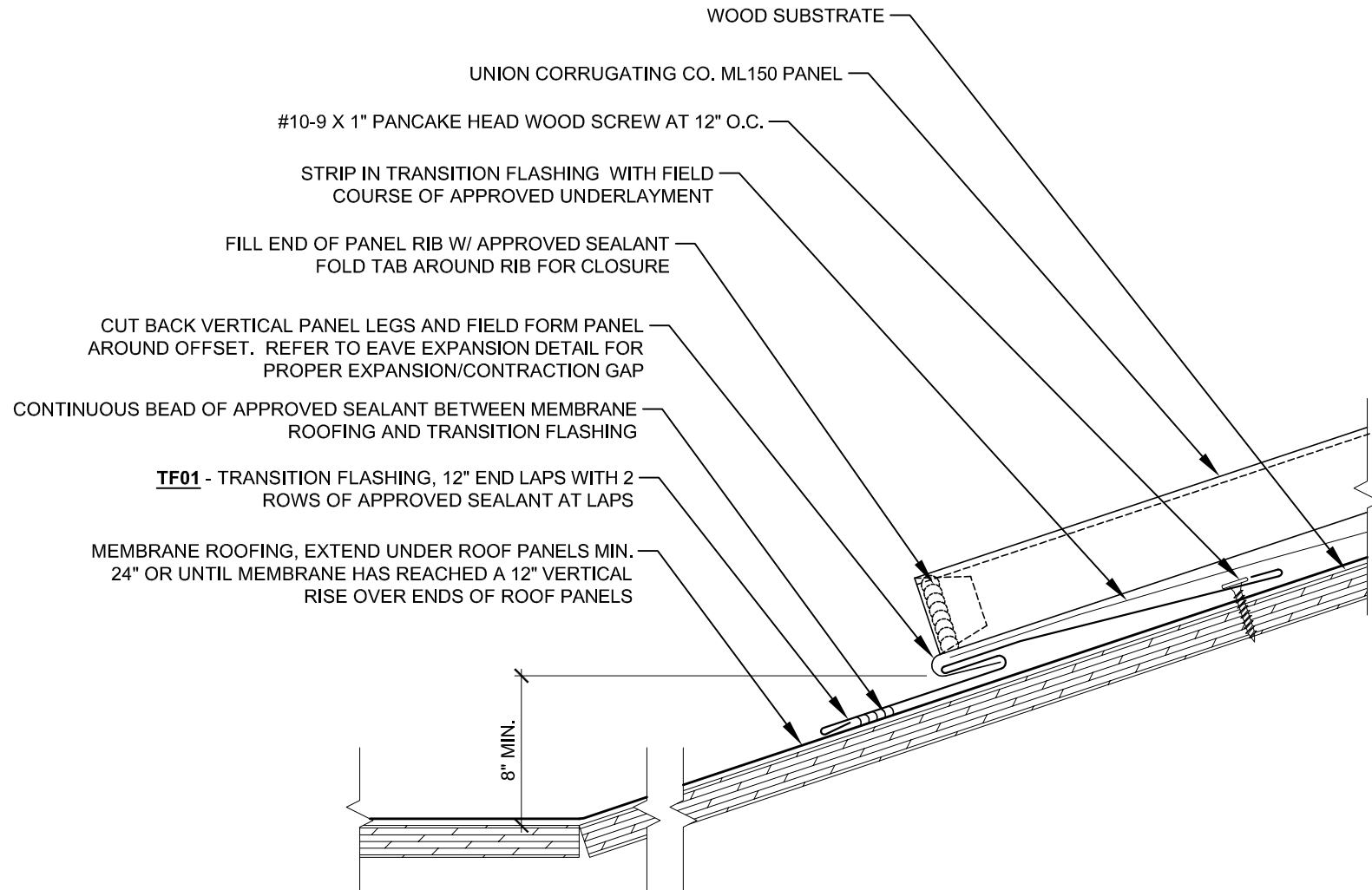
ML150-WS-8.10

Substrate:

WOOD SUBSTRATE

Project Name:

Location:



Description:

TRANSITION AT MEMBRANE ROOFING

Detail No.:

ML150-WS-8.20

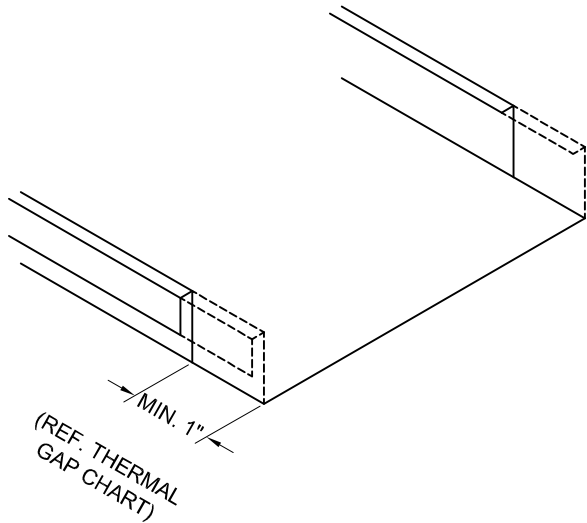
Substrate:

WOOD SUBSTRATE

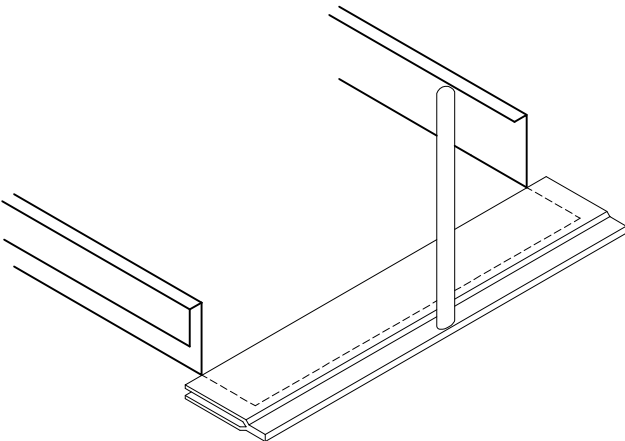
Project Name:

Location:

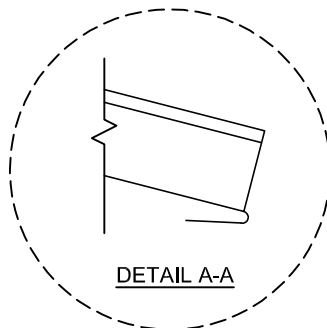
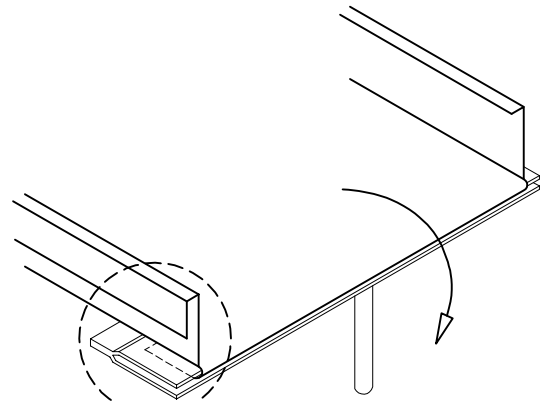
STEP 1: FIELD NOTCH RIBS AND REMOVE



STEP 2: ENGAGE PANEL HEMMING TOOL OVER FLAT PART OF PANEL TO ACCEPT OFFSET CLEAT



STEP 3: BEND TO FORM OPEN HEM



Description:

FIELD HEMMING PANEL END

Detail No.:

ML150-10.10

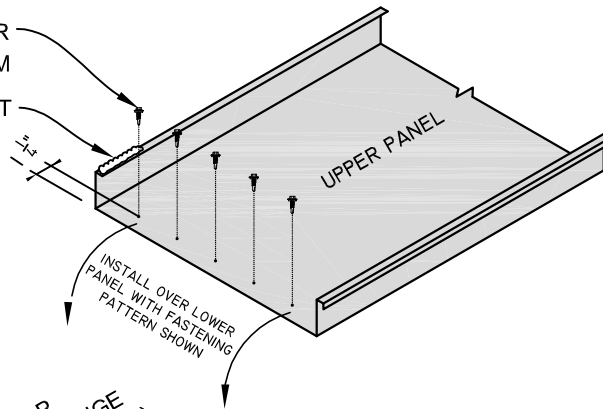
Substrate:

Project Name:

Location:

#14 x $\frac{7}{8}$ " HWH LAP TEK FASTENER W/ WASHER
ZINC CAPPED-(PAINTED) 3 $\frac{1}{4}$ " O.C. MINIMUM

ROW OF APPROVED TUBE SEALANT

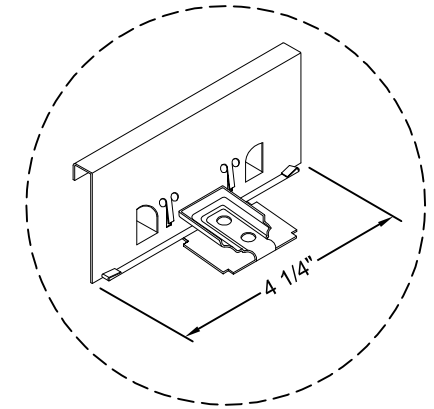
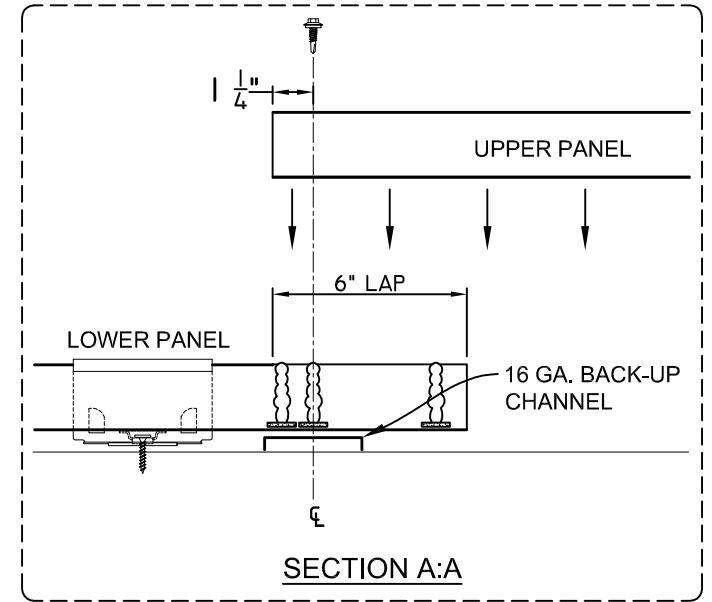
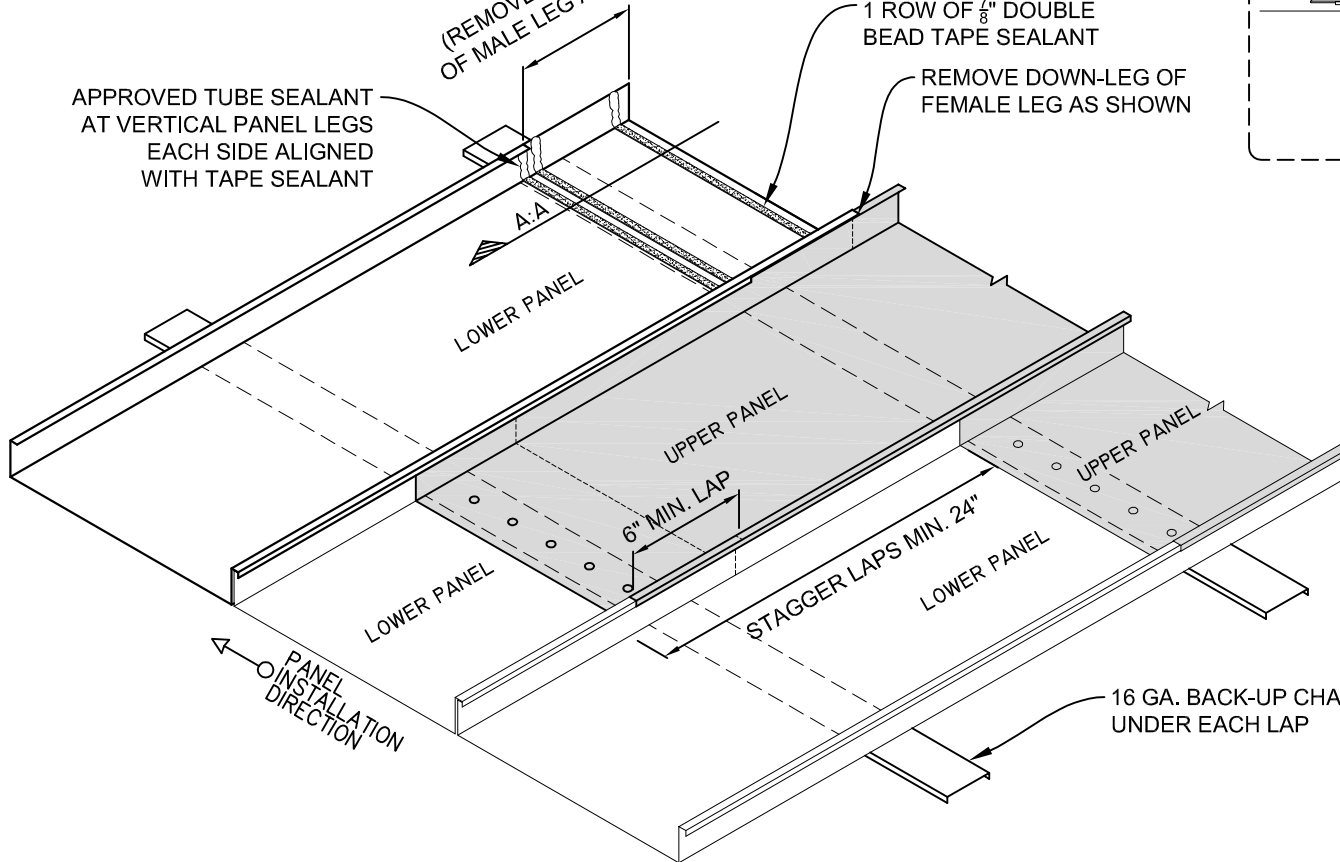


6" MIN. LAP
(REMOVE TOP FLANGE
OF MALE LEG AS SHOWN)

APPROVED TUBE SEALANT
AT VERTICAL PANEL LEGS
EACH SIDE ALIGNED
WITH TAPE SEALANT

1 ROW OF $\frac{7}{8}$ " DOUBLE
BEAD TAPE SEALANT

REMOVE DOWN-LEG OF
FEMALE LEG AS SHOWN



FOR USE WITH ML150
EXPANSION CLIP



Description: **PANEL LAP DETAIL - LOW SLOPE (LESS THAN 3:12)**

Substrate:

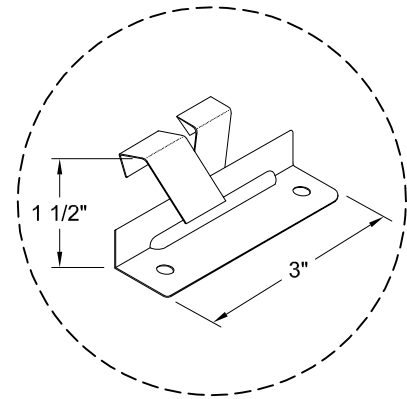
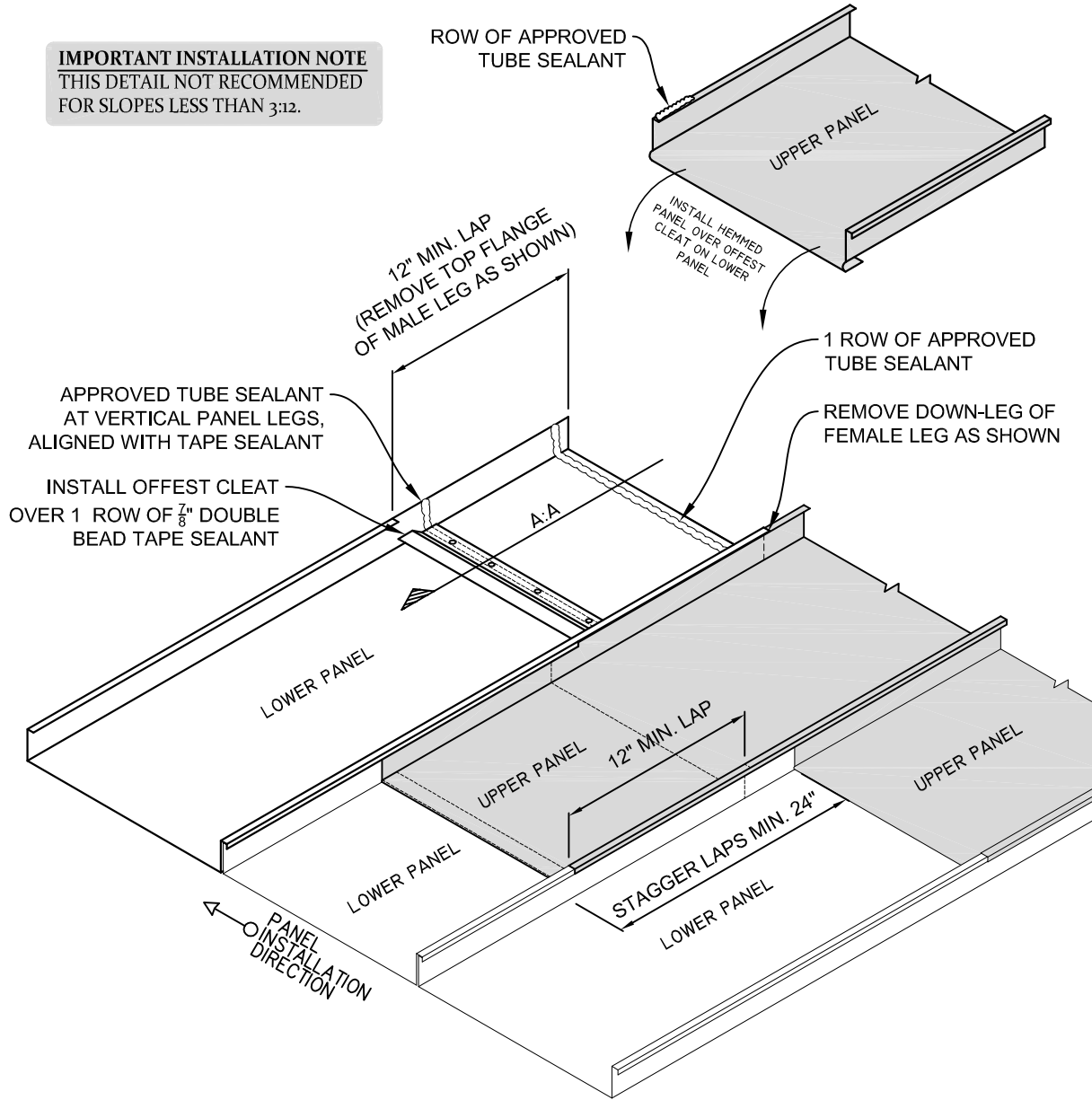
Project Name:

Location:

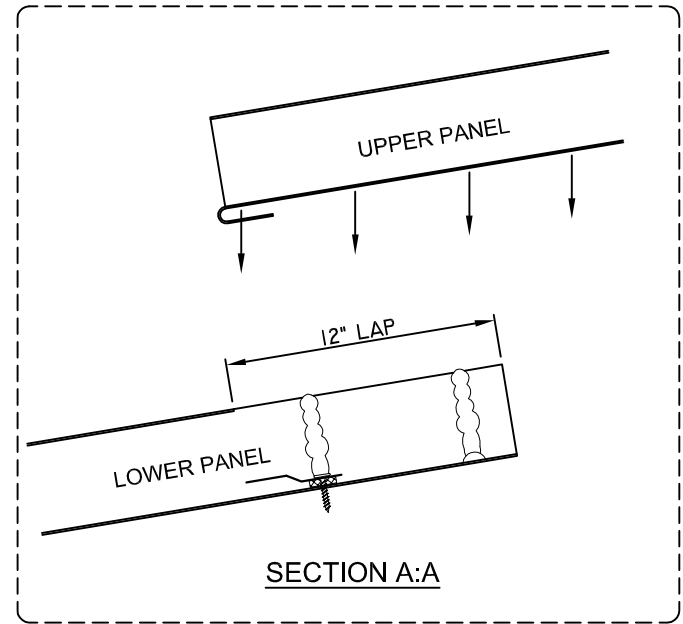
Detail No.:

ML150-LAP-10.14

IMPORTANT INSTALLATION NOTE
 THIS DETAIL NOT RECOMMENDED
 FOR SLOPES LESS THAN 3:12.



FOR USE WITH ML150
 BUTTERFLY EXPANSION CLIP



SECTION A:A



Description:

PANEL LAP DETAIL - STEEP SLOPE

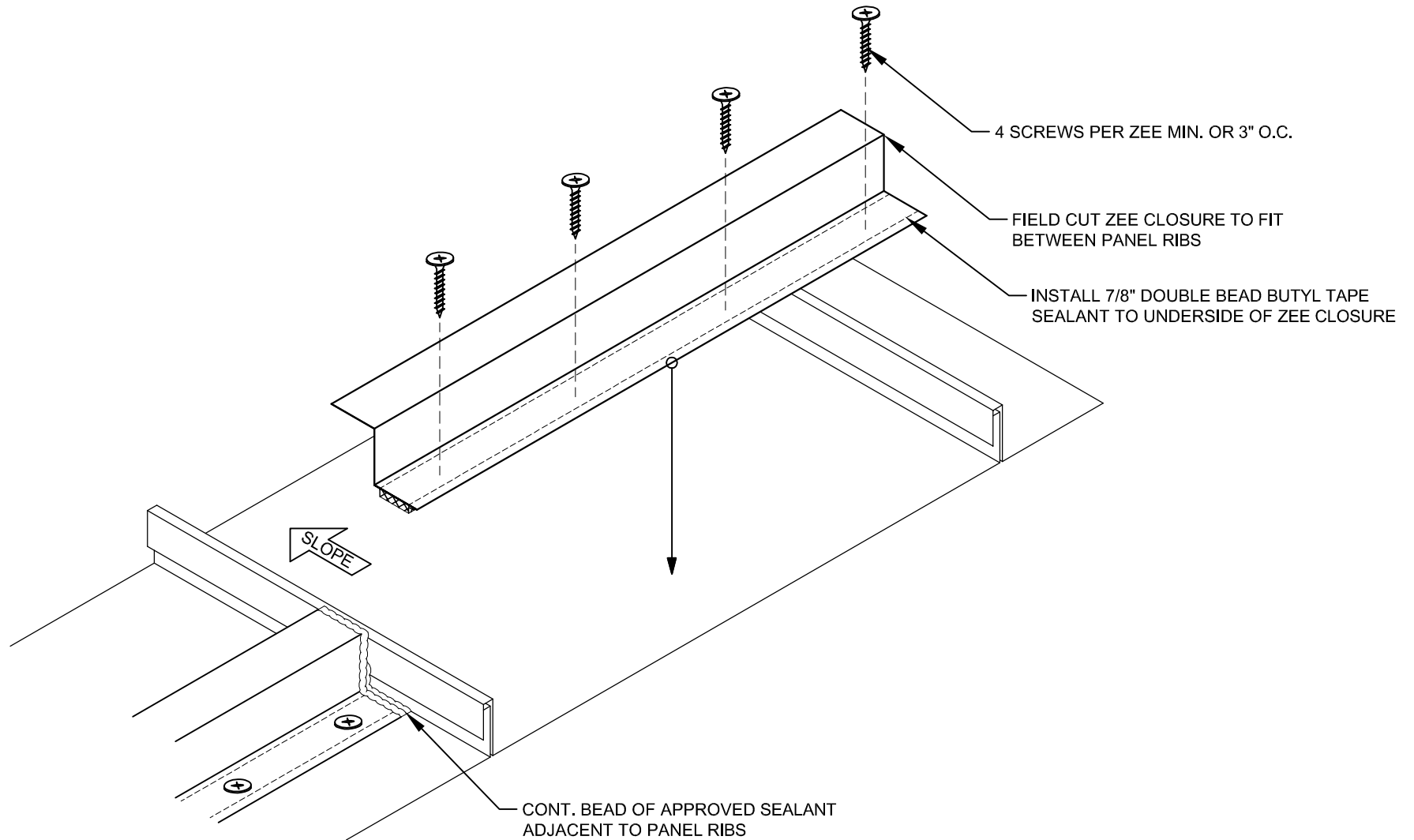
Detail No.:

ML150-LAP-10.15

Substrate:

Project Name:

Location:



Description:

ZEE CLOSURE INSTALLATION

Detail No.:

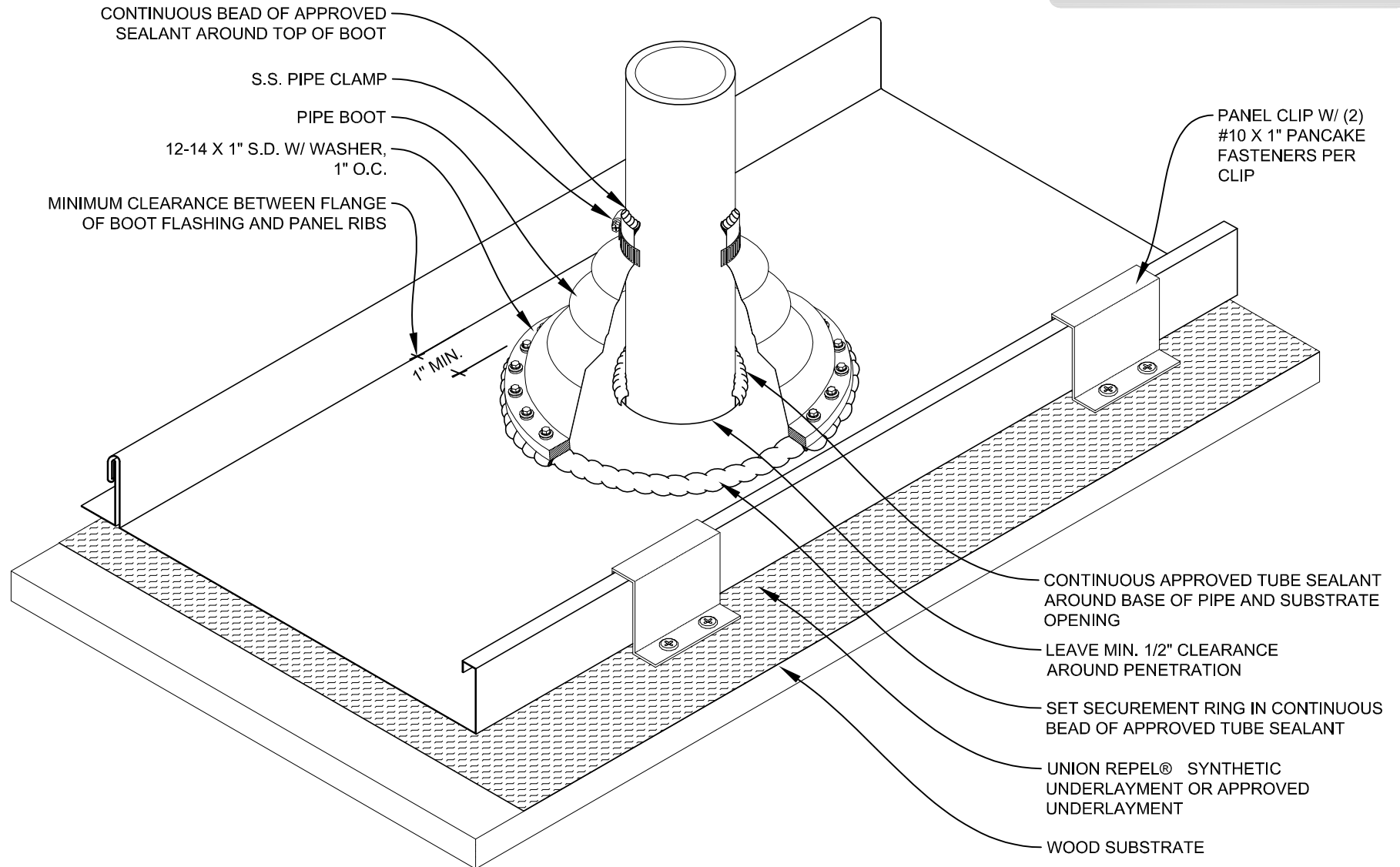
ML150-10.20

Substrate:

Project Name:

Location:

IMPORTANT INSTALLATION NOTE
 WHEN BOOT SIZE EXCEEDS MINIMUM
 CLEARANCE OF 1", REFER TO CURB DETAILS.



Description: **PIPE PENETRATION**

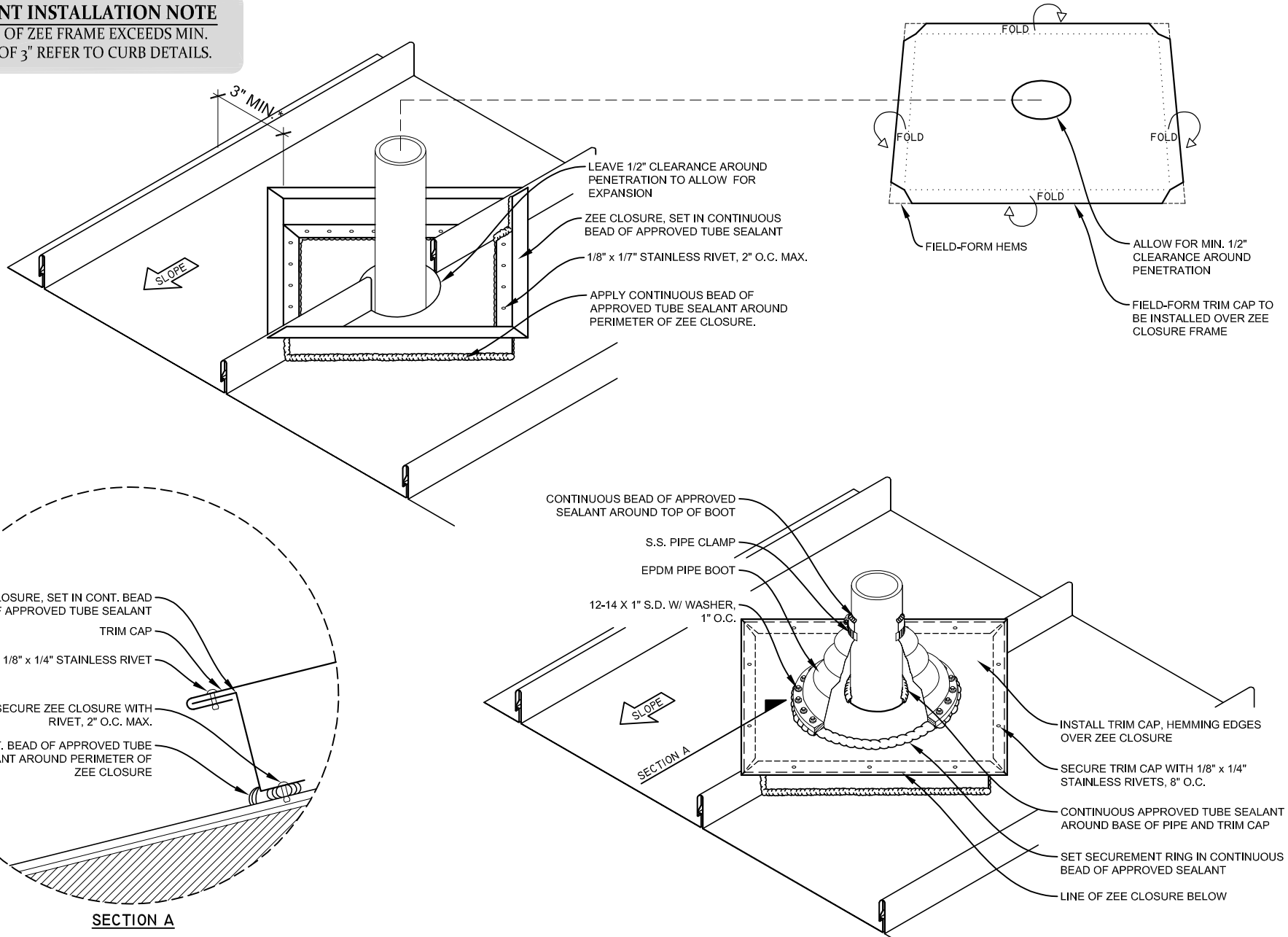
Substrate: **WOOD SUBSTRATE**

Detail No.: **ML150-WS-10.30**

Project Name:
 Location:

IMPORTANT INSTALLATION NOTE

*WHEN BASE OF ZEE FRAME EXCEEDS MIN. CLEARANCE OF 3" REFER TO CURB DETAILS.



Description:

PIPE PENETRATION THROUGH PANEL RIB

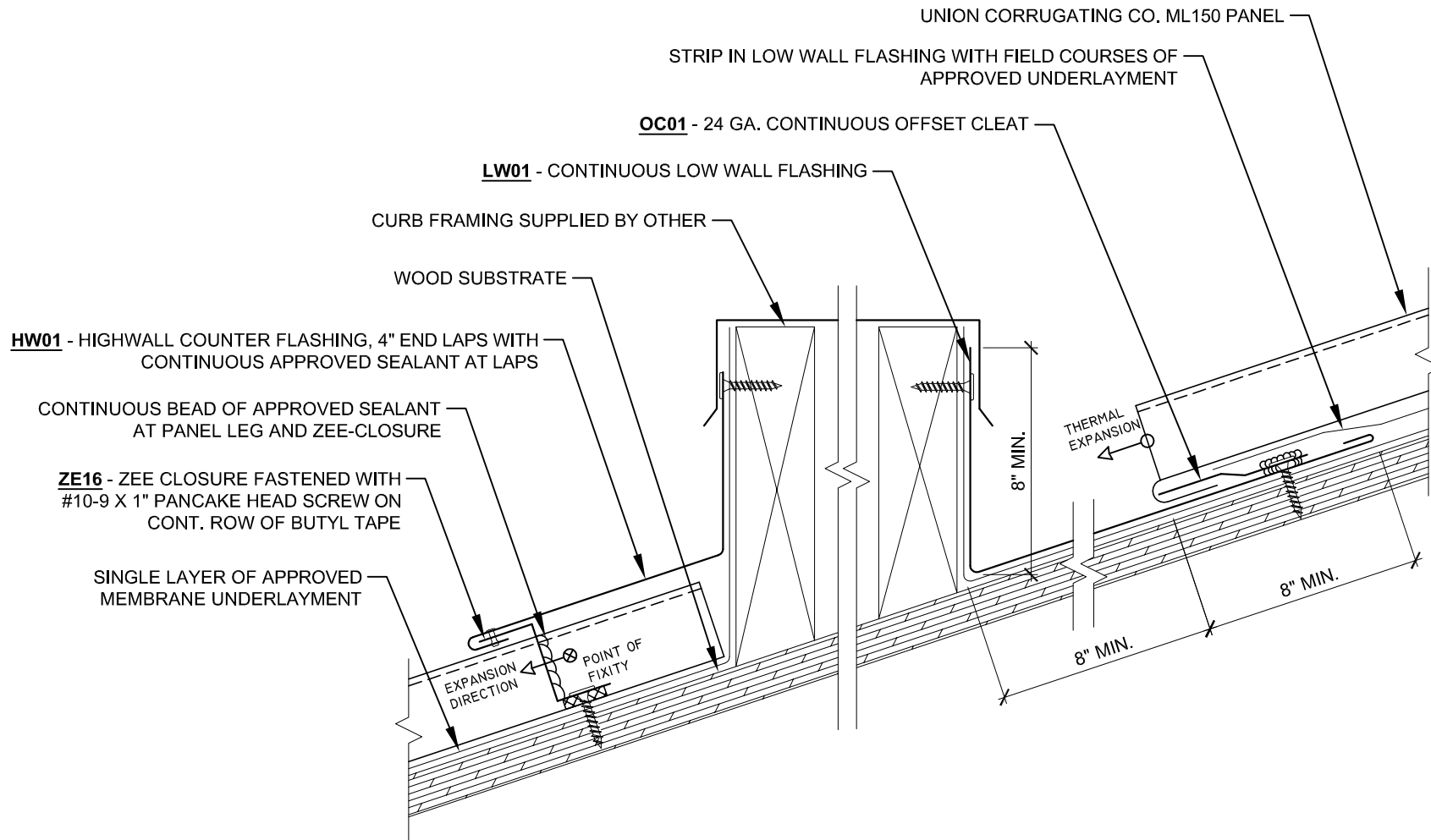
Detail No.:

ML150-10.31

Substrate:

Project Name:

Location:



Description: **LOW WALL & HIGHWALL @ SQUARE PENETRATION**

Detail No.: **ML150-WS-10.40**

Substrate: **WOOD SUBSTRATE**

Project Name:
Location:

SW02 - SIDEWALL COUNTER FLASHING, 4" END LAPS
WITH CONTINUOUS APPROVED SEALANT AT LAPS

PANEL LEG OR FIELD FORM PANEL LEG (MIN. 1-1/4")

ZE16 - ZEE CLOSURE FASTENED WITH
#10-9 X 1" PANCAKE HEAD SCREW

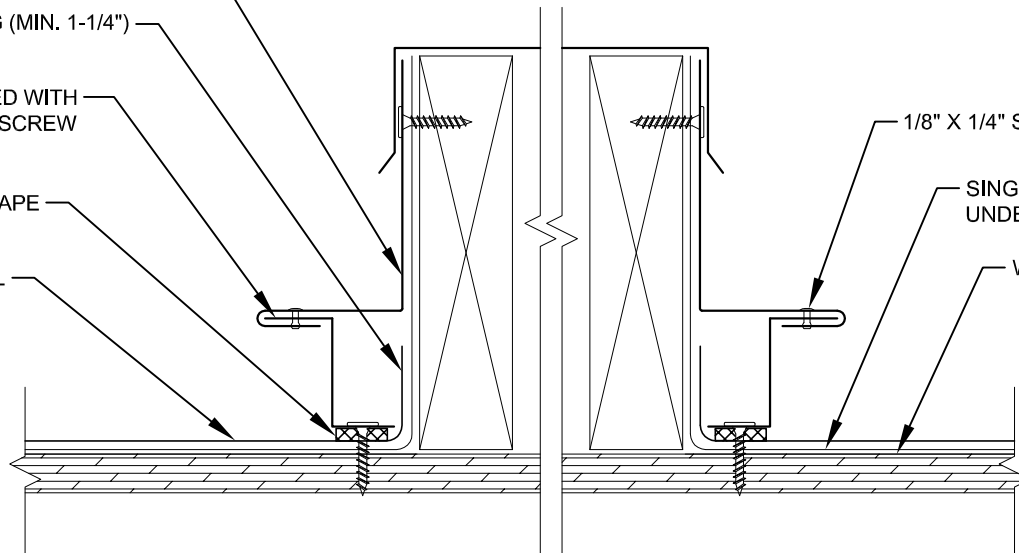
CONTINUOUS ROW OF BUTYL TAPE

UNION CORRUGATING CO. ML150 PANEL

1/8" X 1/4" STAINLESS STEEL RIVET

SINGLE LAYER OF APPROVED
UNDERLAYMENT

WOOD SUBSTRATE



Description:

SIDEWALL @ SQUARE PENETRATION

Detail No.:

ML150-WS-10.41

Substrate:

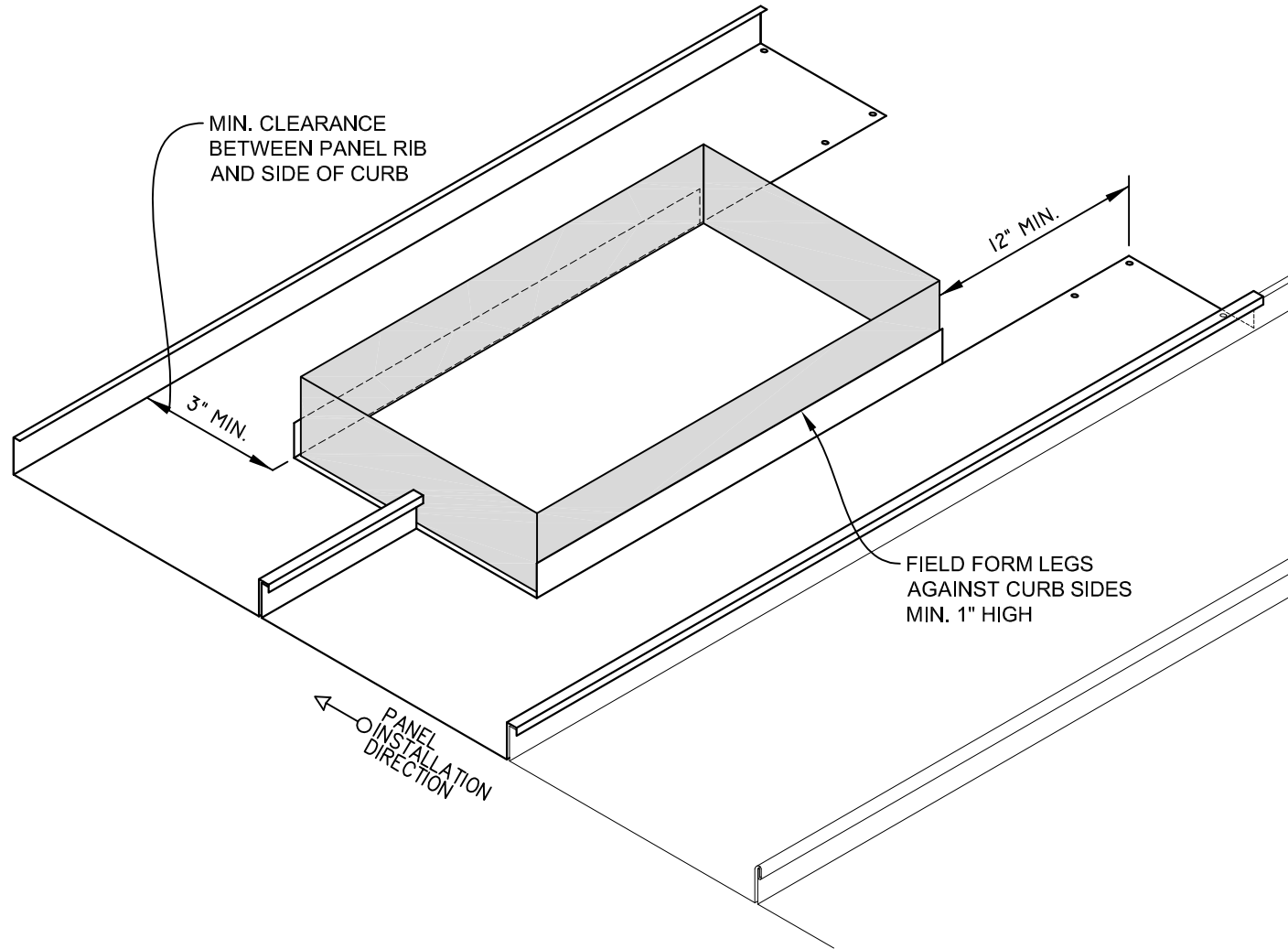
WOOD SUBSTRATE

Project Name:

Location:

STEP 1

INSTALL PANELS
AROUND CURB



Description:

ML150 CURB DETAILS - STEP 1

Detail No.:

ML150-CRB: 1 of 6

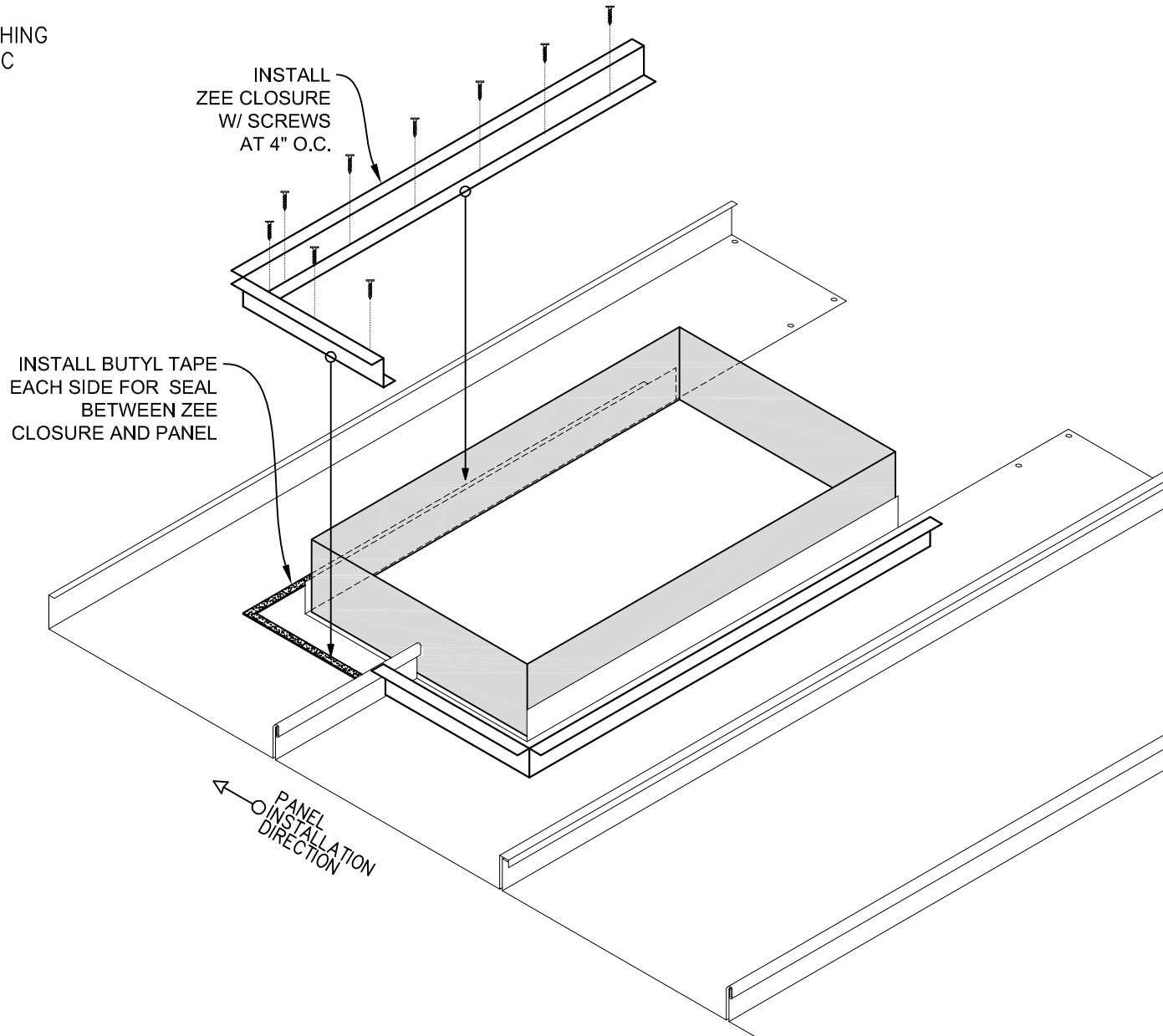
Substrate:

Project Name:

Location:

STEP 2

APPLY ZEE CLOSURE FLASHING
OVER DOUBLE BEAD MASTIC



Description:

ML150 CURB DETAILS - STEP 2

Detail No.:

ML150-CRB: 2 of 6

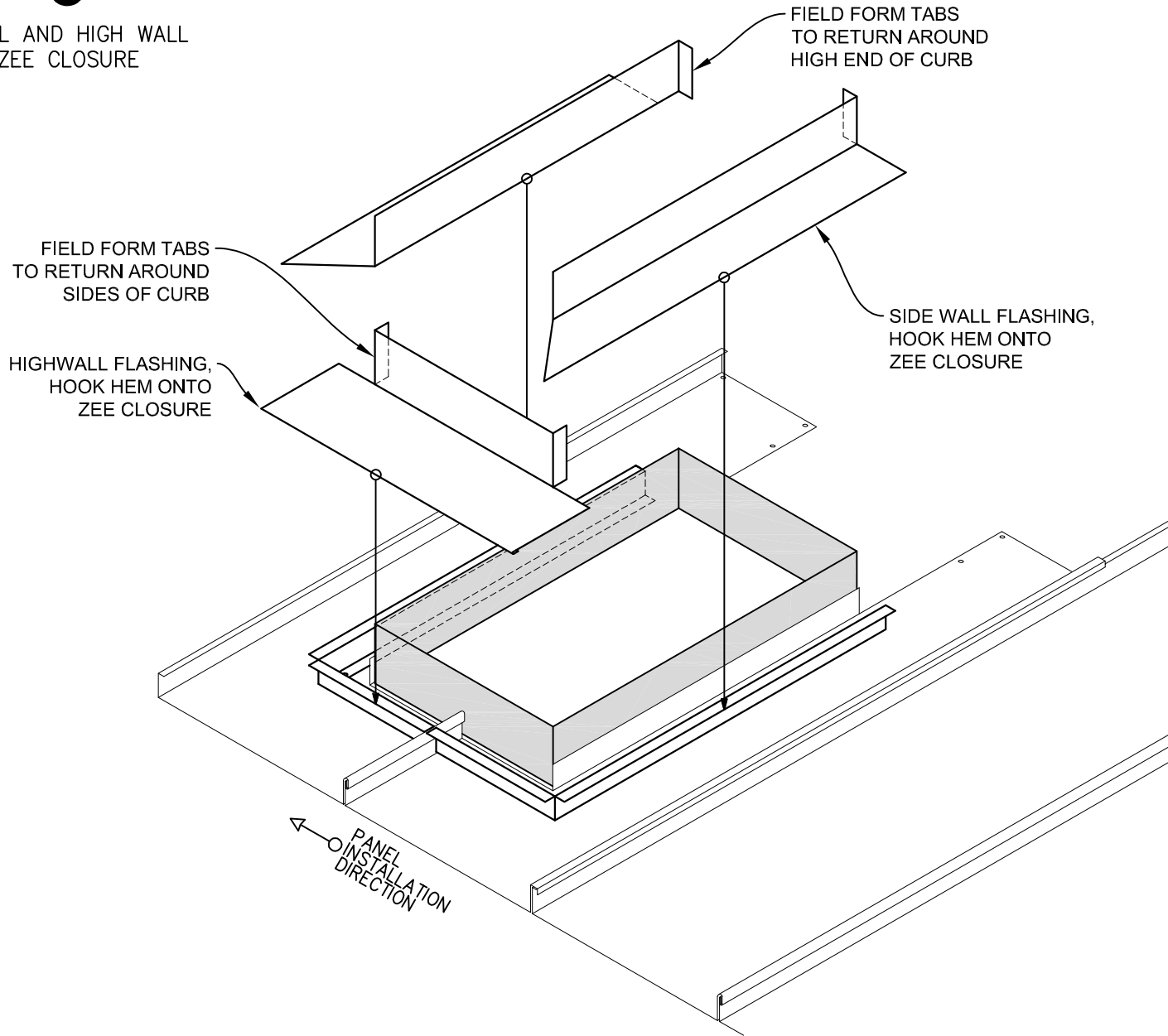
Substrate:

Project Name:

Location:

STEP 3

INSTALL SIDE WALL AND HIGH WALL FLASHINGS ATOP ZEE CLOSURE



Description:

ML150 CURB DETAILS - STEP 3

Detail No.:

ML150-CRB: 3 of 6

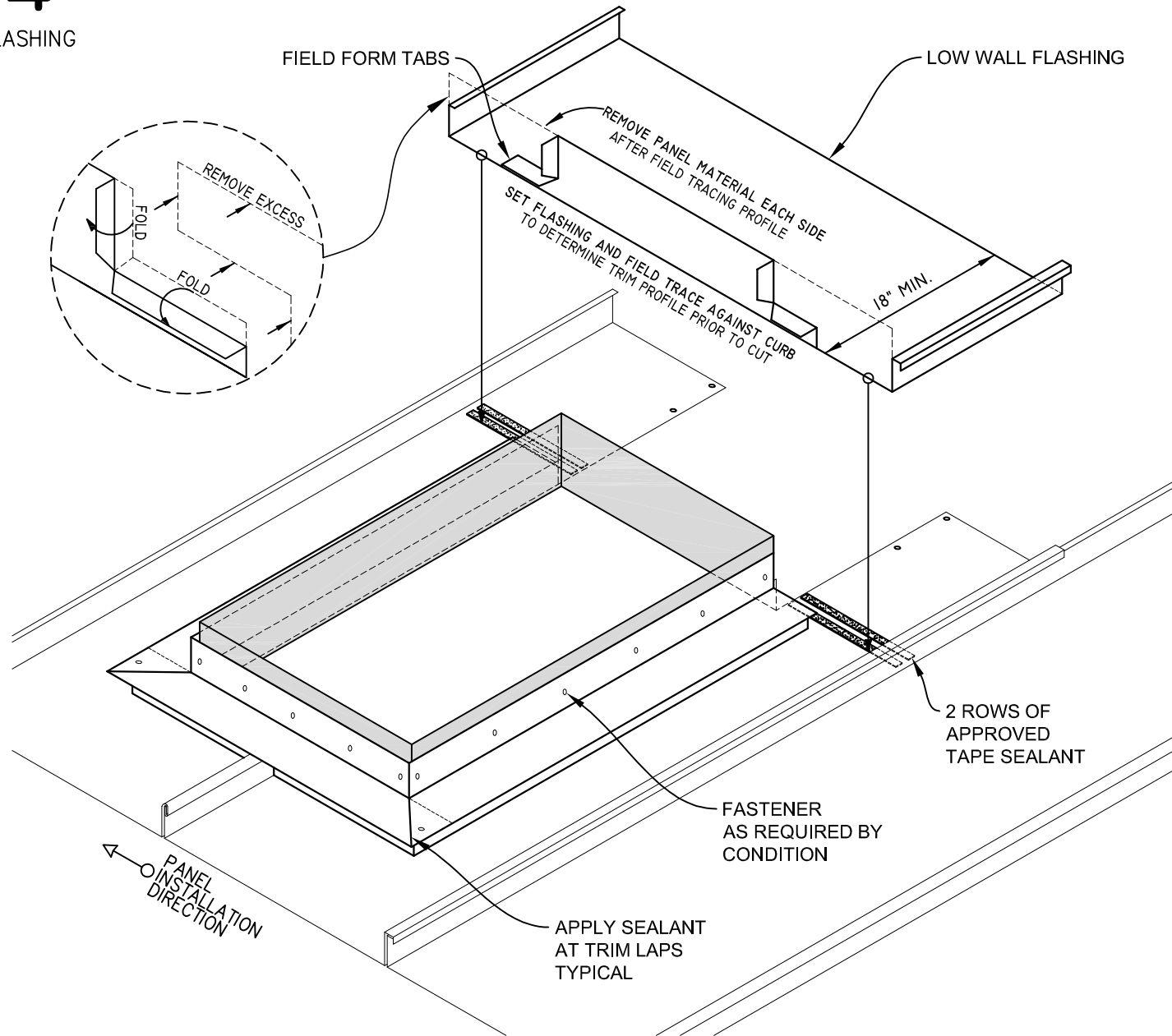
Substrate:

Project Name:

Location:

STEP 4

INSTALL LOW WALL FLASHING



Description:

ML150 CURB DETAILS - STEP 4

Detail No.:

ML150-CRB: 4 of 6

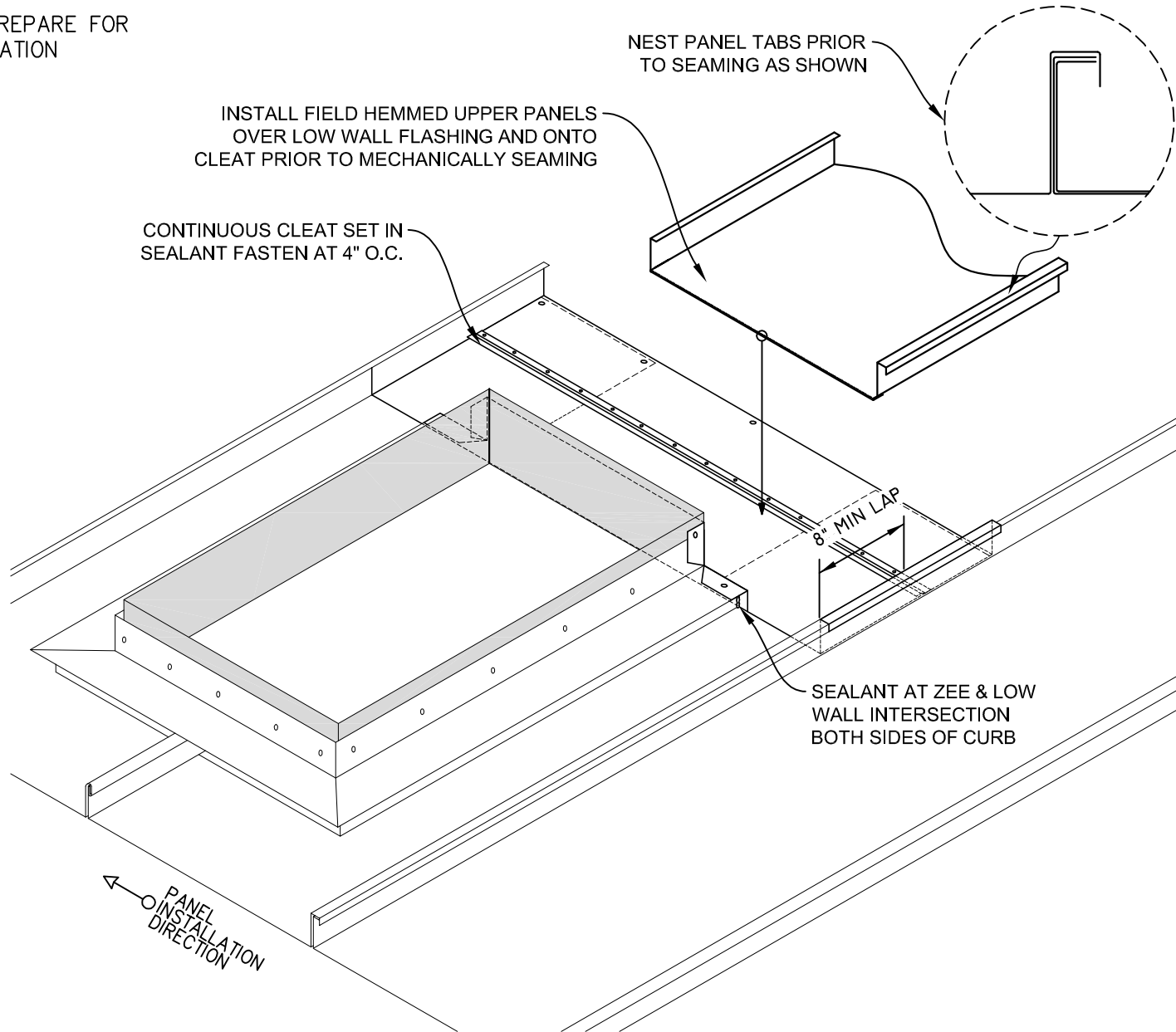
Substrate:

Project Name:

Location:

STEP 5

INSTALL CLEAT AND PREPARE FOR UPPER PANEL INSTALLATION



Description:

ML150 CURB DETAILS - STEP 5

Detail No.:

ML150-CRB: 5 of 6

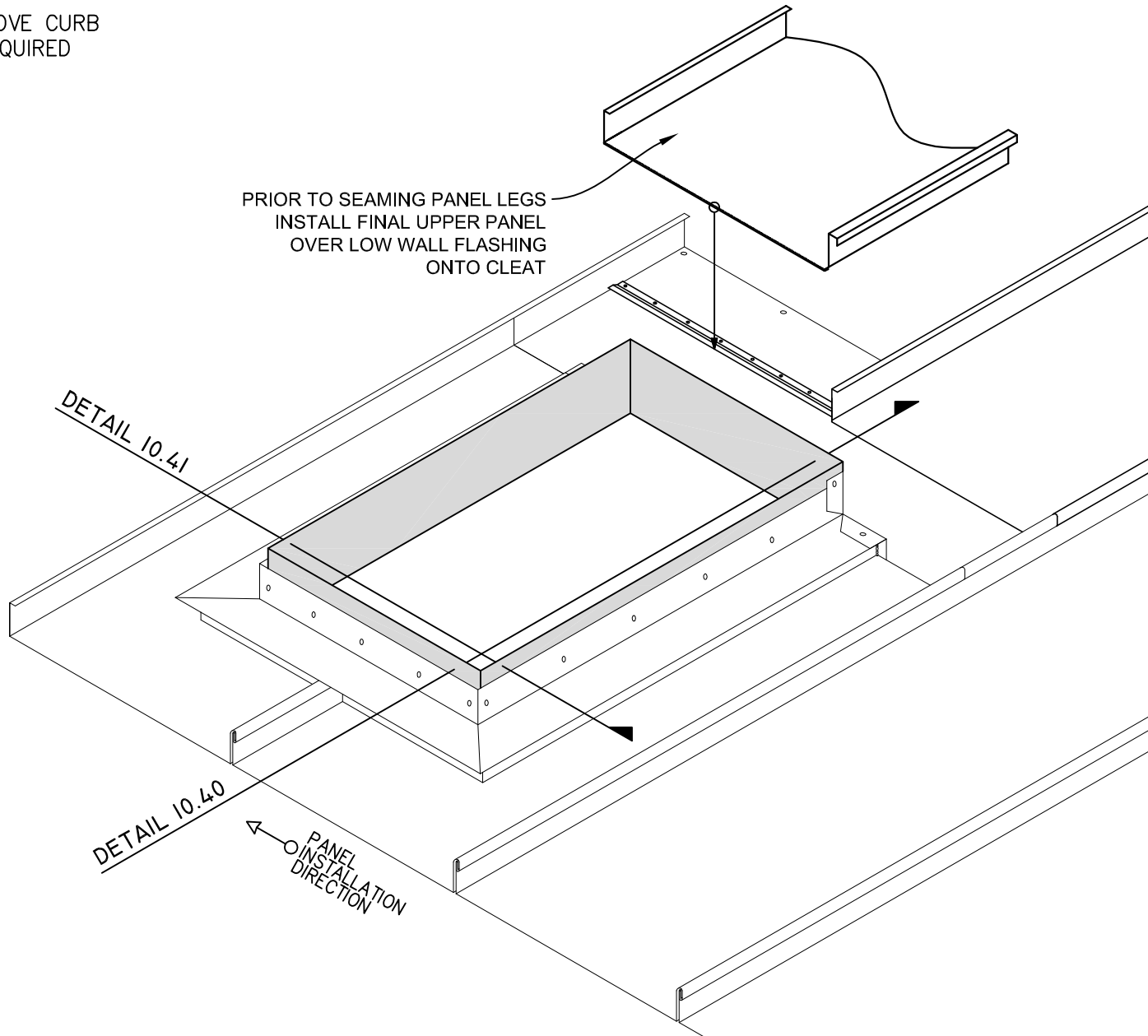
Substrate:

Project Name:

Location:

STEP 6

INSTALL FINAL PANEL ABOVE CURB
SEAL AND FASTEN AS REQUIRED



Description:

ML150 CURB DETAILS - STEP 6

Detail No.:

ML150-CRB: 6 of 6

Substrate:

Project Name:

Location: