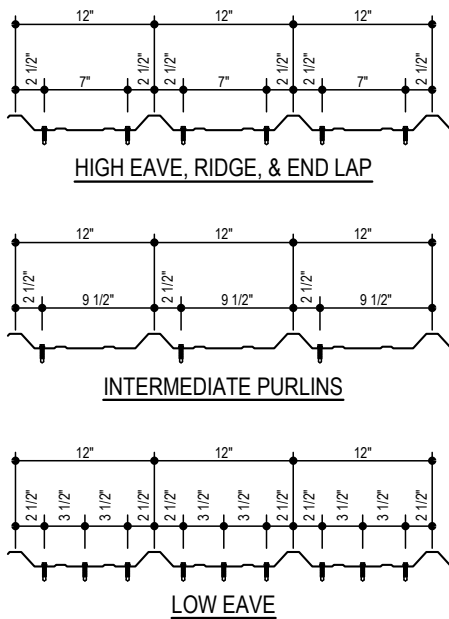


GENERAL DETAILS

DA0000 - R-PANEL ROOF - GENERAL NOTES
DA0001 - STRUCTURAL FASTENER SPACING (STANDARD)
DA0002 - SIDE LAP FASTENER SPACING (STANDARD)
DA0003 - SIDE LAP FASTENER SPACING (1_3 POINTS)
DA0004 - SIDE LAP FASTENER SPACING (1_4 POINTS)
DA0005 - SIDE LAP FASTENER SPACING (1_5 POINTS)
DA0006 - SIDE LAP FASTENER SPACING (1_6 POINTS)
DA0007 - STRUCTURAL FASTENER SPACING (FM)
DA0008 - SIDE LAP FASTENER SPACING (FM)
DA0071 - PANEL ENDLAP
DA0076-TRIM LAP COMPRESSION FASTENER
DA0100 - LONGITUDINAL EXPANSION JOINT
DA0105 - TRANSVERSE EXPANSION JOINT
DA0106 - TRANSVERSE EXPANSION JOINT
DA0110 - RAKE TRIM EXP AT ROOF PANEL EXP
DA0115 - RAKE PARAPET EXPANSION JOINT
DA0140 - TIE-IN TO EXISTING R-PANEL ROOF (WITHOUT WALL PANEL)
DA0150 - TIE-IN TO EXISTING R-PANEL ROOF (WITH WALL PANEL)
DA0200 - PIPE BOOT

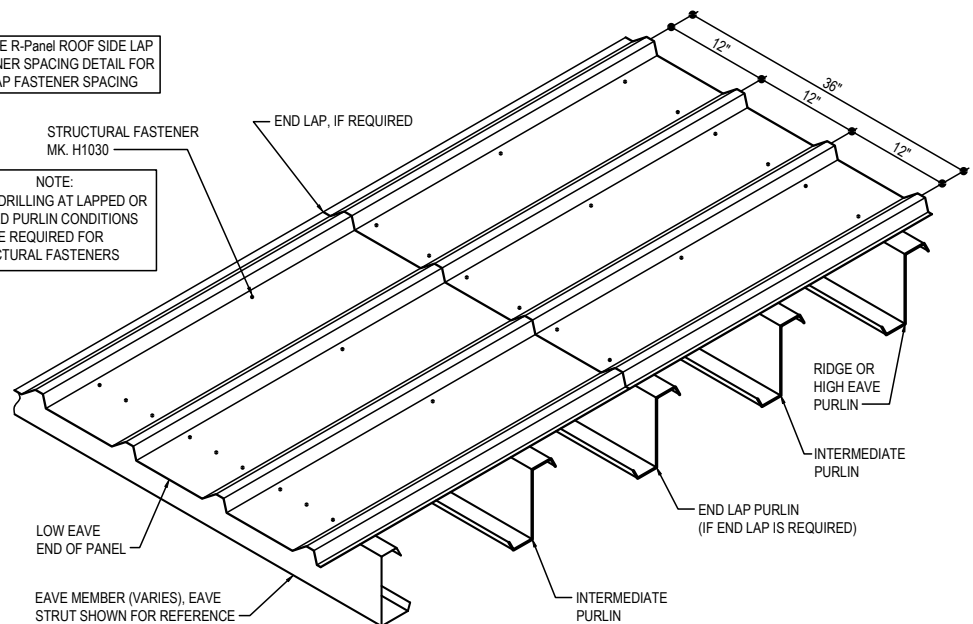
DA0001 - STRUCTURAL FASTENER SPACING (STANDARD)

[Download the DWG file by clicking here.](#)



SEE THE R-Panel ROOF SIDE LAP FASTENER SPACING DETAIL FOR SIDE LAP FASTENER SPACING

NOTE:
FIELD DRILLING AT LAPPED OR NESTED PURLIN CONDITIONS MAY BE REQUIRED FOR STRUCTURAL FASTENERS



R-Panel ROOF STRUCTURAL FASTENER SPACING (STANDARD)

FASTEN INSULATION WITH H1020 FASTENER & H2200 INSULATION WASHER 12" O.C. AT LOW SIDE AND HIGH SIDE MEMBERS. FASTEN AT AT HIGH RIB LOCATIONS.

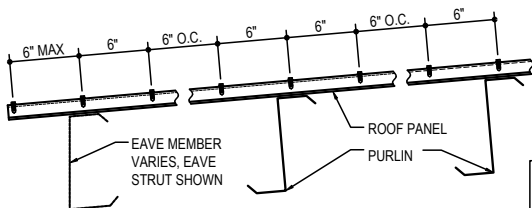
DA0001

Detailer Notes:

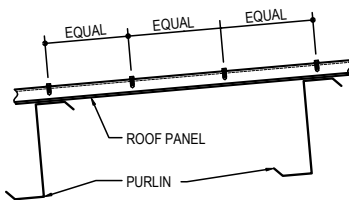
- 1) THIS DETAIL IS ALWAYS REQUIRED (NO FM REQUIREMENTS) (IF FM REQ'D, USE DA0007).
- 2) DETAILS DA0002 THROUGH DA0006 ARE SIDE LAP FASTENER DETAILS. IF ENGINEER DOES NOT SPECIFY SPECIAL SIDE LAP FASTENER SPACING, USE DA0002. IF SPECIAL SIDE LAP FASTENER SPACING IS REQUIRED, CHOOSE FROM DA0003 THROUGH DA0006.

DA0002 - SIDE LAP FASTENER SPACING (STANDARD)

[Download the DWG file by clicking here.](#)

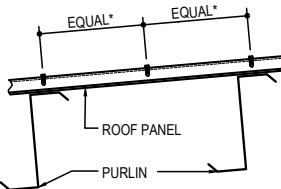


FIRST TWO LOW EAVE SPANS
(EACH SUPPORT AND 6" ON CENTER BETWEEN SUPPORTS)



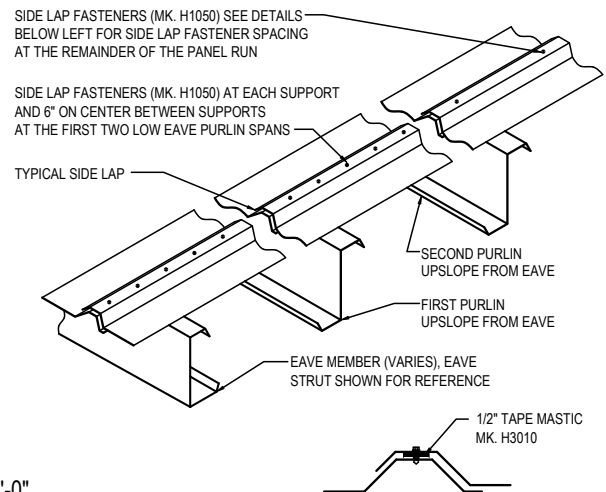
SPANS GREATER THAN 5'-0"
(EACH SUPPORT AND 1/3 POINTS BETWEEN SUPPORTS)

SEE THE R-Panel ROOF STRUCTURAL
FASTENER SPACING DETAIL FOR
STRUCTURAL FASTENER SPACING



SPANS LESS THAN OR EQUAL TO 5'-0"

NON-UL 90	EACH SUPPORT AND MIDPOINT BETWEEN SUPPORTS
UL 90	EACH SUPPORT AND SPACED EQUALLY BETWEEN SUPPORTS. NOT TO EXCEED 18" (1'-6").



SIDE LAP MASTIC DETAIL (AT FULL LENGTH OF ALL SIDE LAPS)

R-Panel ROOF SIDE LAP FASTENER SPACING (STANDARD)

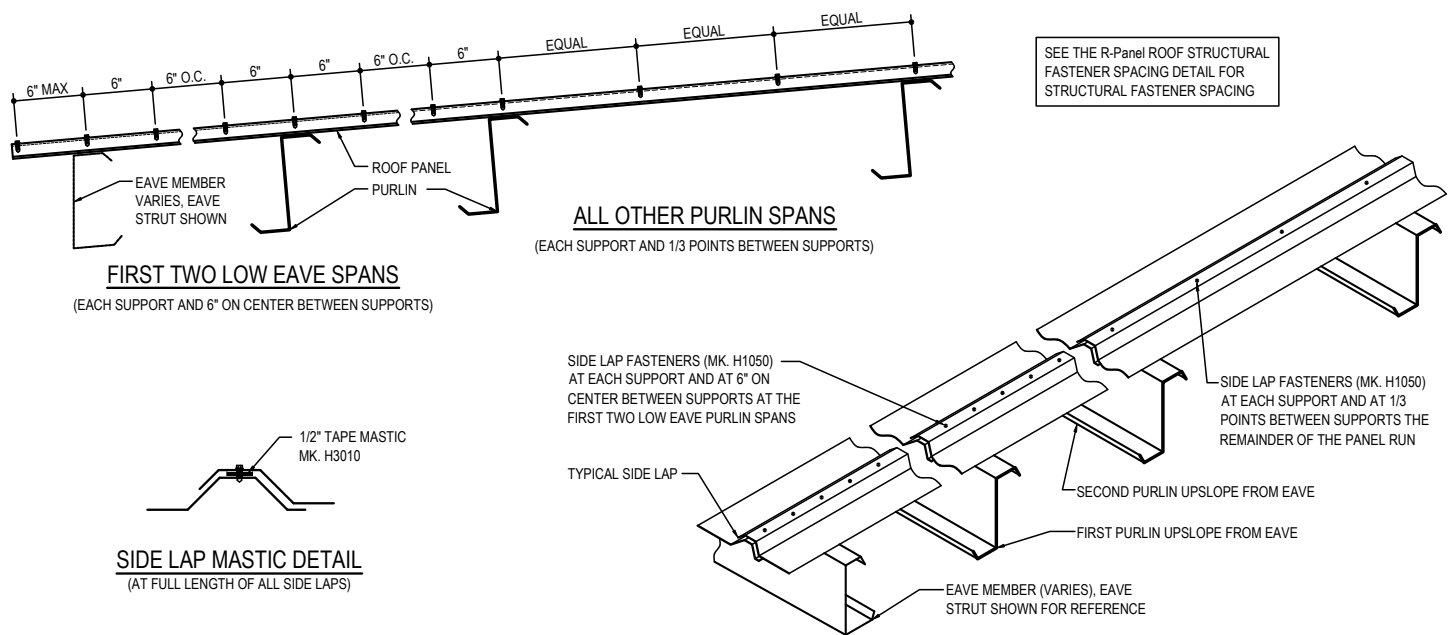
DA0002

Detailer Notes:

- 1) THIS IS THE STANDARD SIDE LAP FASTENER DETAIL.
2) IF THE ENGINEER DOES NOT SPECIFY SPECIAL SIDE LAP FASTENER SPACING, USE THIS DETAIL. IF SPECIAL SIDE LAP FASTENER SPACING IS REQUIRED, CHOOSE FROM DA0003 THROUGH DA0006.

DA0003 - SIDE LAP FASTENER SPACING (1/3 POINTS)

[Download the DWG file by clicking here.](#)



R-Panel ROOF SIDE LAP FASTENER SPACING (1/3 POINTS)

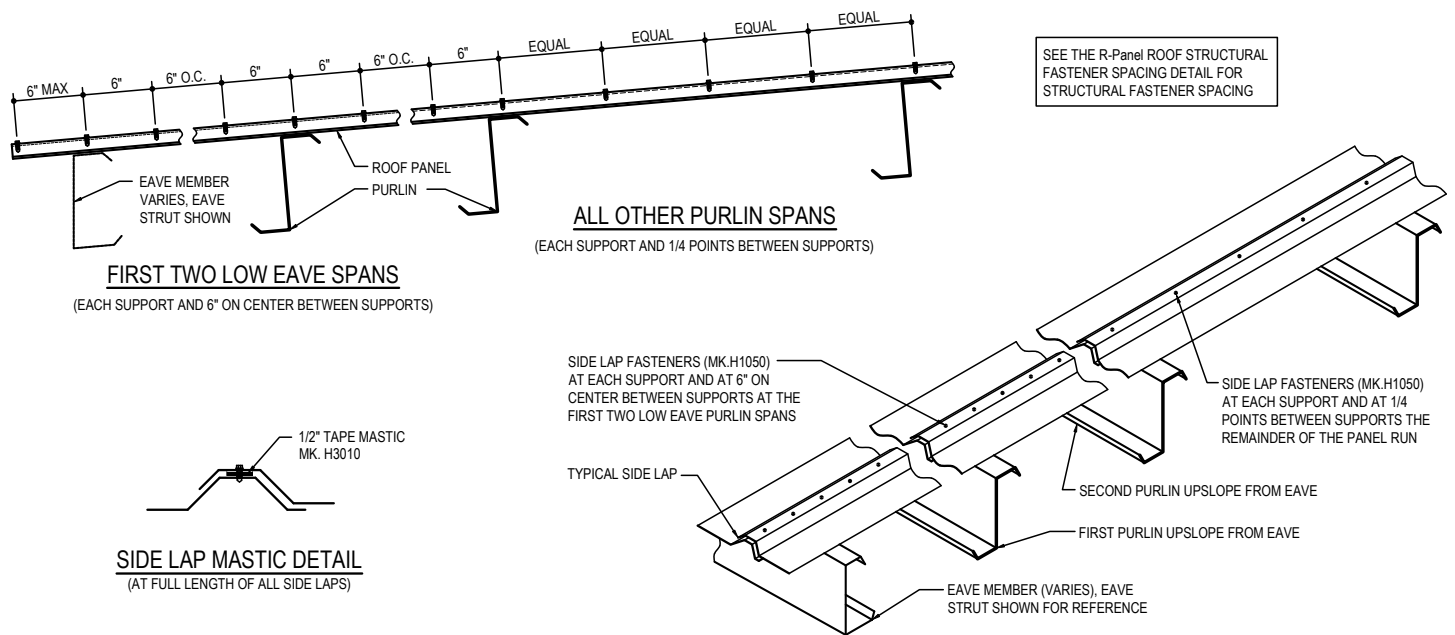
DA0003

Detailer Notes:

1) N/A

DA0004 - SIDE LAP FASTENER SPACING (1/4 POINTS)

[Download the DWG file by clicking here.](#)



R-Panel ROOF SIDE LAP FASTENER SPACING (1/4 POINTS)

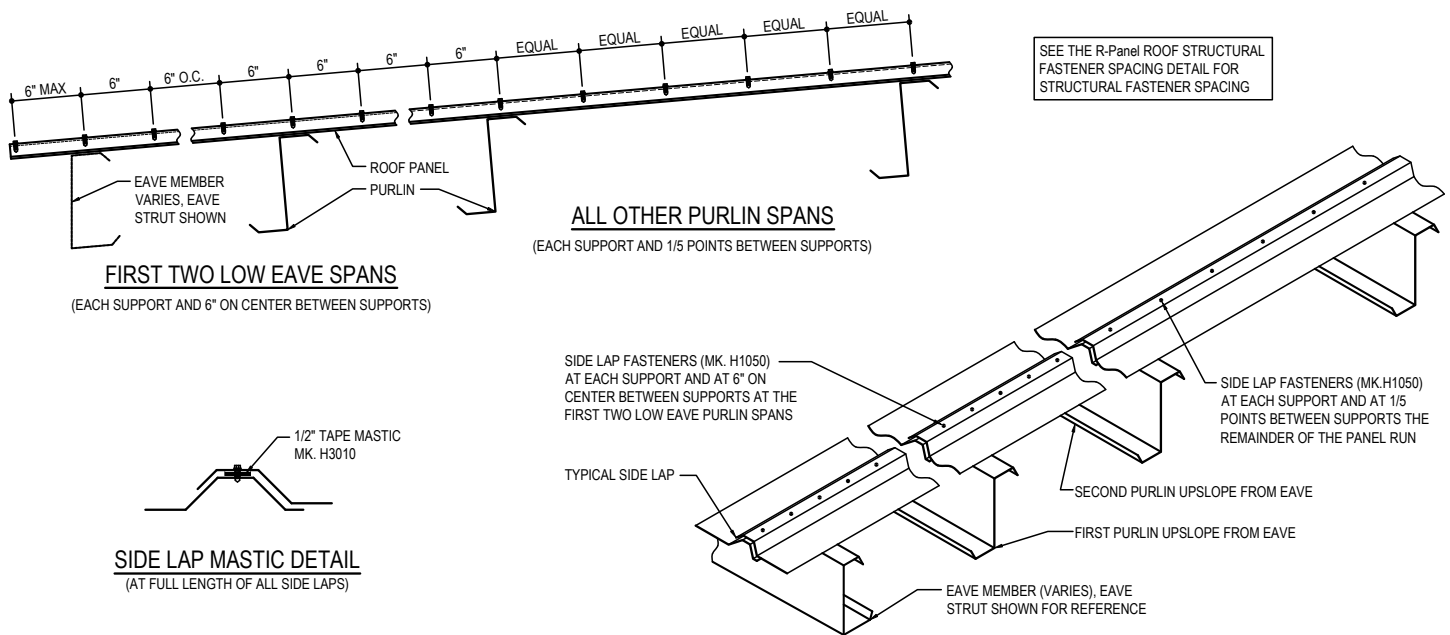
DA0004

Detailer Notes:

1) N/A

DA0005 - SIDE LAP FASTENER SPACING (1/5 POINTS)

[Download the DWG file by clicking here.](#)



R-Panel ROOF SIDE LAP FASTENER SPACING (1/5 POINTS)

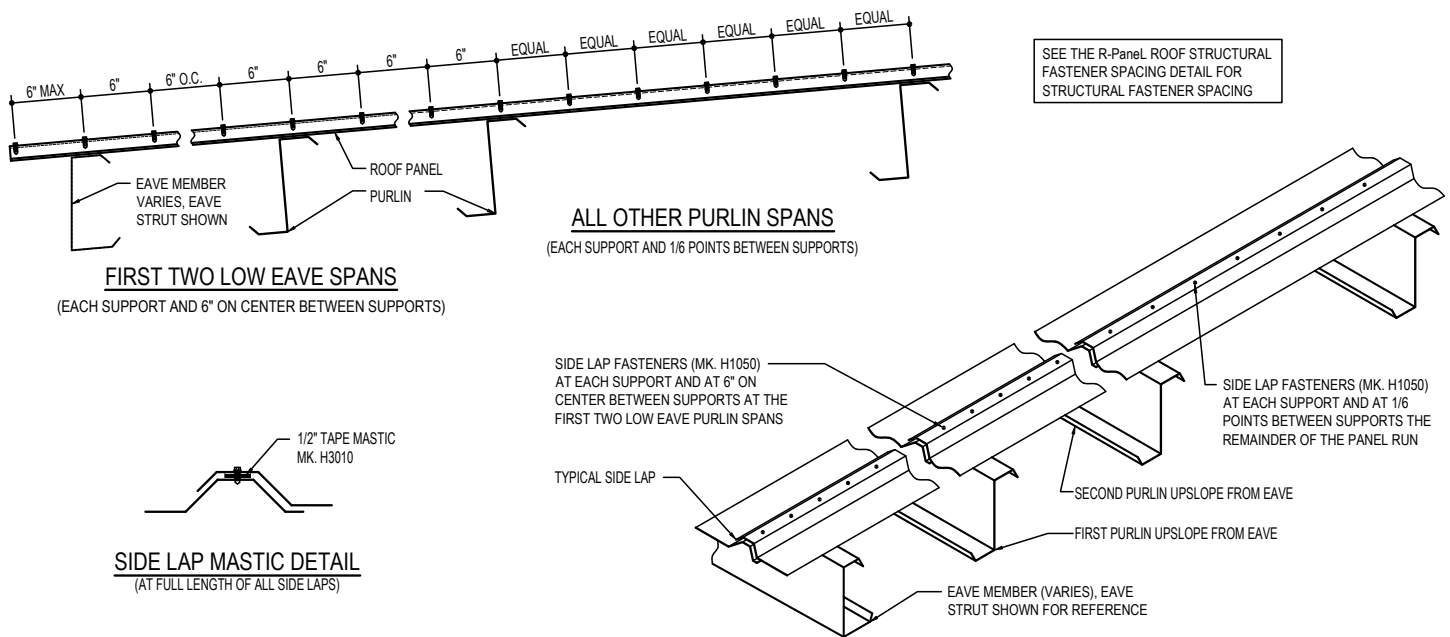
DA0005

Detailer Notes:

1) N/A

DA0006 - SIDE LAP FASTENER SPACING (1/6 POINTS)

[Download the DWG file by clicking here.](#)



R-Panel ROOF SIDE LAP FASTENER SPACING (1/6 POINTS)

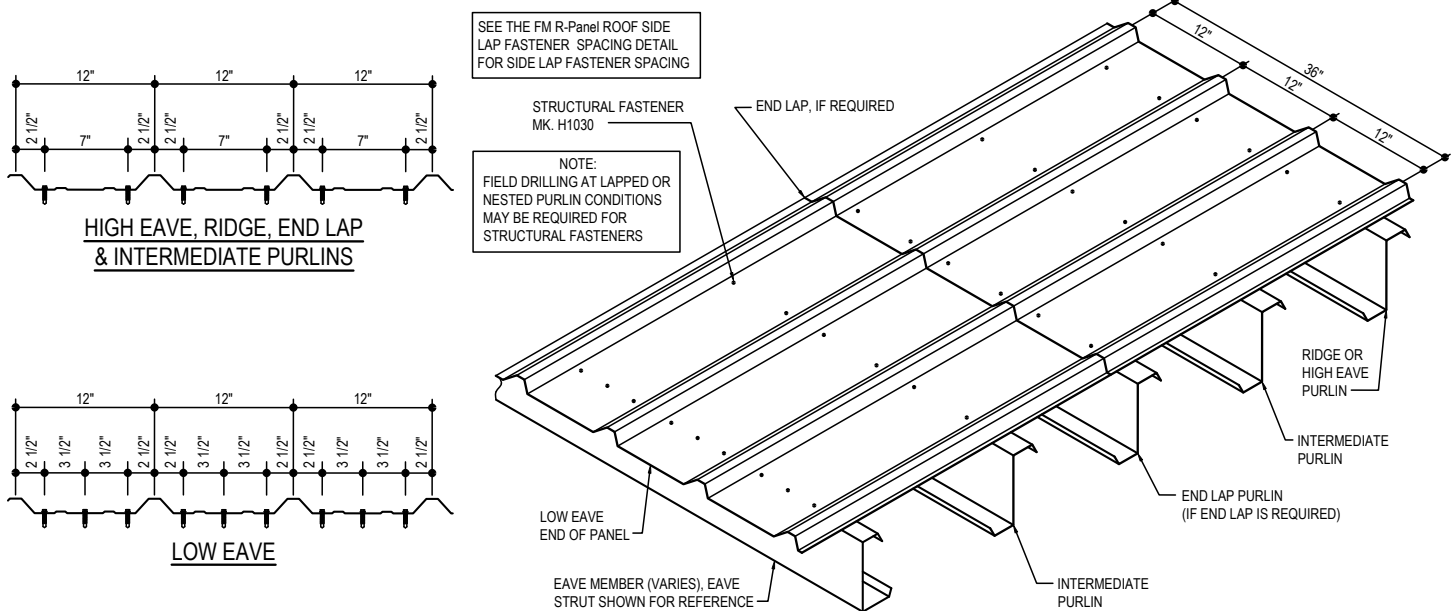
DA0006

Detailer Notes:

1) N/A

DA0007 - STRUCTURAL FASTENER SPACING (FM)

[Download the DWG file by clicking here.](#)



R-Panel ROOF STRUCTURAL FASTENER SPACING (FM)

FASTEN INSULATION WITH H1020 FASTENER & H2200 INSULATION WASHER 12" O.C. AT LOW SIDE AND HIGH SIDE MEMBERS. FASTEN AT AT HIGH RIB LOCATIONS.

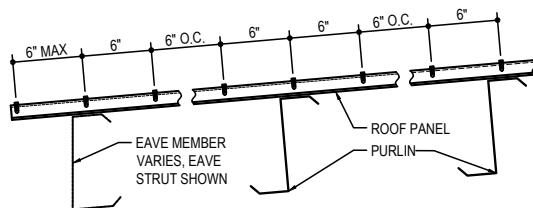
DA0007

Detailer Notes:

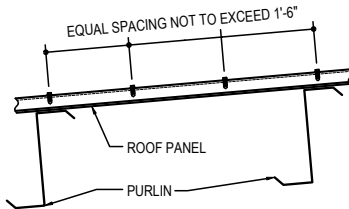
- 1) THIS DETAIL CAN ALSO BE USED FOR HIGH WIND CONDITIONS.

DA0008 - SIDE LAP FASTENER SPACING (FM)

[Download the DWG file by clicking here.](#)



FIRST TWO LOW EAVE SPANS
(EACH SUPPORT AND 6" ON CENTER BETWEEN SUPPORTS)



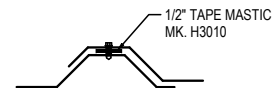
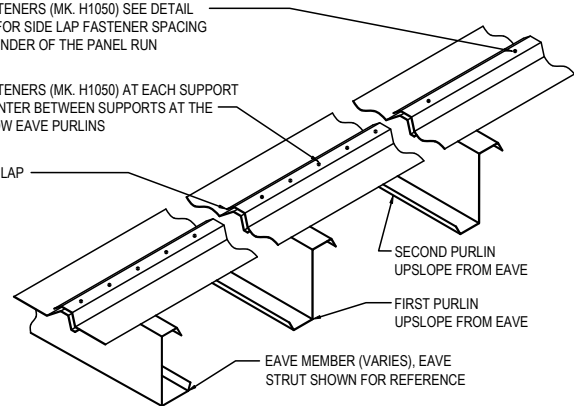
MAX. SPAN = 5'-0"

SEE THE FM R-Panel ROOF STRUCTURAL FASTENER SPACING DETAIL FOR STRUCTURAL FASTENER SPACING

SIDE LAP FASTENERS (MK. H1050) SEE DETAIL BELOW LEFT FOR SIDE LAP FASTENER SPACING AT THE REMAINDER OF THE PANEL RUN

SIDE LAP FASTENERS (MK. H1050) AT EACH SUPPORT AND 6" ON CENTER BETWEEN SUPPORTS AT THE FIRST TWO LOW EAVE PURLINS

TYPICAL SIDE LAP



SIDE LAP MASTIC DETAIL
(AT FULL LENGTH OF ALL SIDE LAPS)

R-Panel ROOF SIDE LAP FASTENER SPACING (FM)

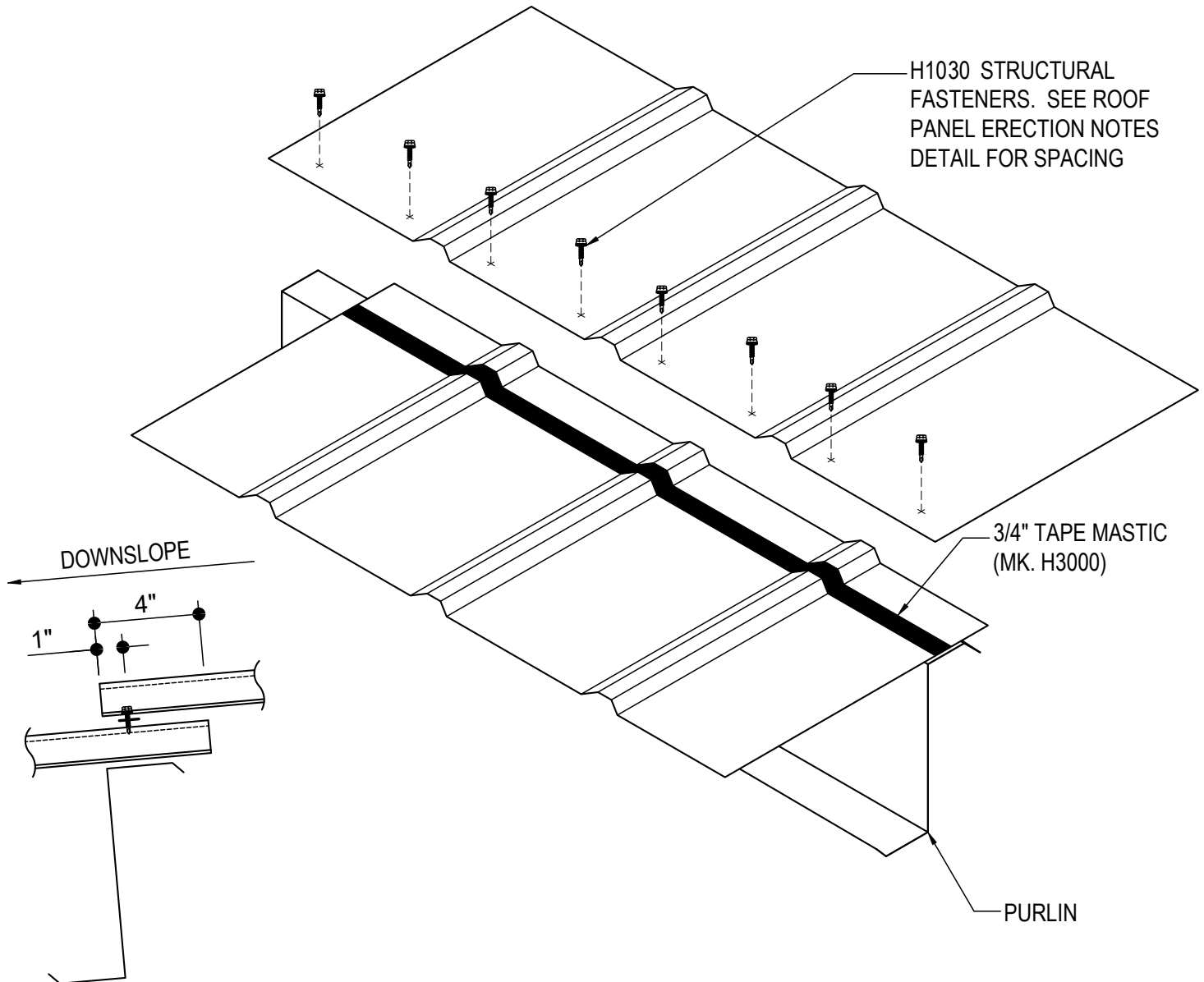
DA0008

Detailer Notes:

1) N/A

DA0071 - PANEL ENDLAP

[Download the DWG file by clicking here.](#)



PANEL ENDLAP

R-PANEL ROOF

DA0071

Detailer Notes:

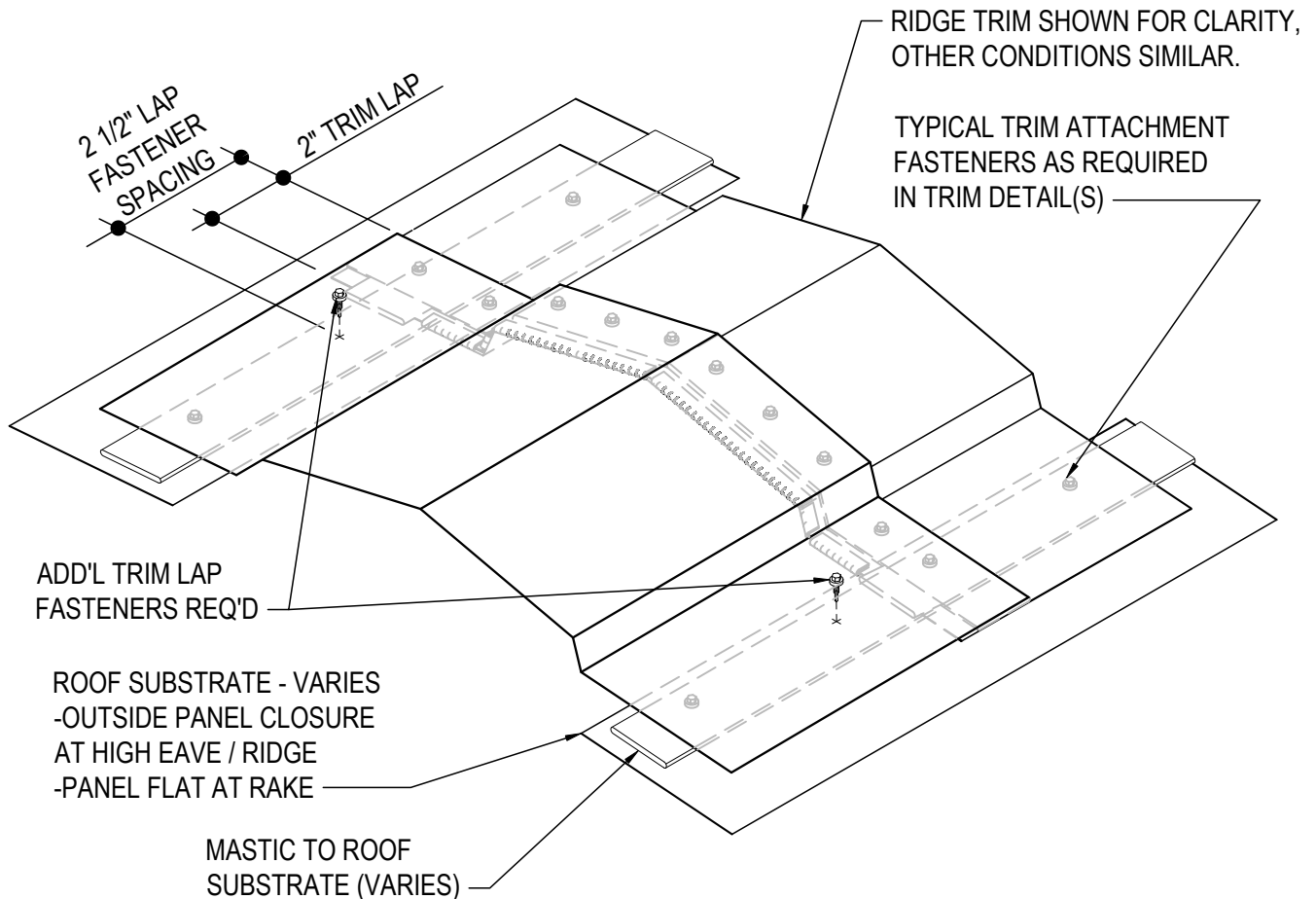
1) N/A

DA0076 - TRIM LAP COMPRESSION FASTENER

[Download the DWG file by clicking here.](#)

NOTE:

REFERENCE TRIM CONDITION DETAIL FOR
REQUIRED SEALANT AND FASTENERS



TRIM LAP COMPRESSION FASTENER

THE ADDITIONAL FASTENER IS REQUIRED AT TRIM LAPS TO AID IN ELIMINATING GAPS AND COMPRESSING SEALANTS WHERE THE MULTIPLE LAYERS OF FLASHING COME TOGETHER.

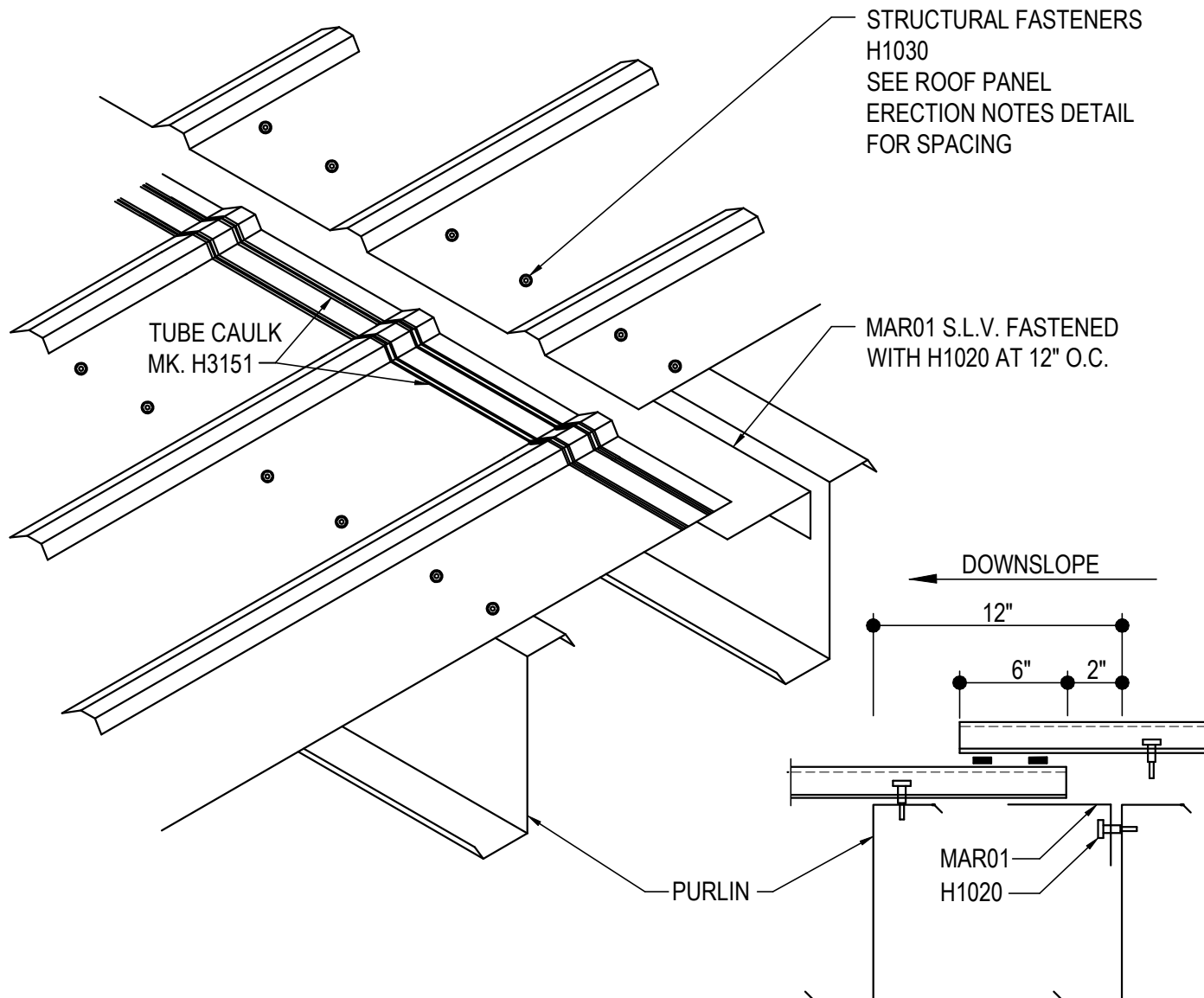
DA0076

Detailer Notes:

- 1) THIS DETAIL IS TO BE PROVIDED ON ALL PROJECTS WHERE THERE IS LAPPED ROOF LINE TRIM.
- 2) THIS DETAIL IS DUPLICATE OF EA3076, EA6076, EA8076 AND FA2076. DUPLICATE DETAILS ARE TO ENSURE THAT THEY ARE PLACED IN ORDER IN ERECTION DRAWINGS.

DA0100 - LONGITUDINAL EXPANSION JOINT

[Download the DWG file by clicking here.](#)



LONGITUDINAL EXPANSION JOINT

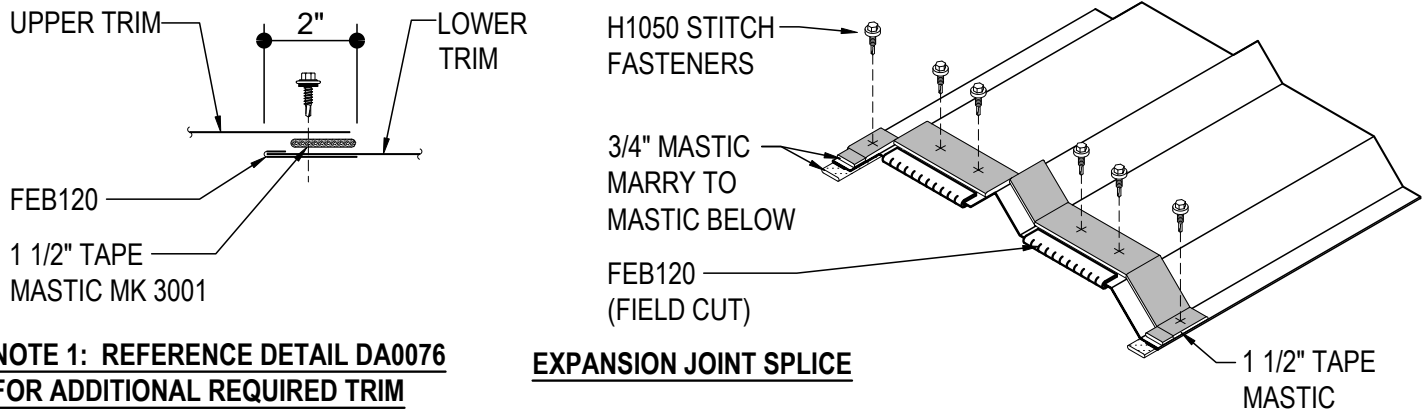
DA0100

Detailer Notes:

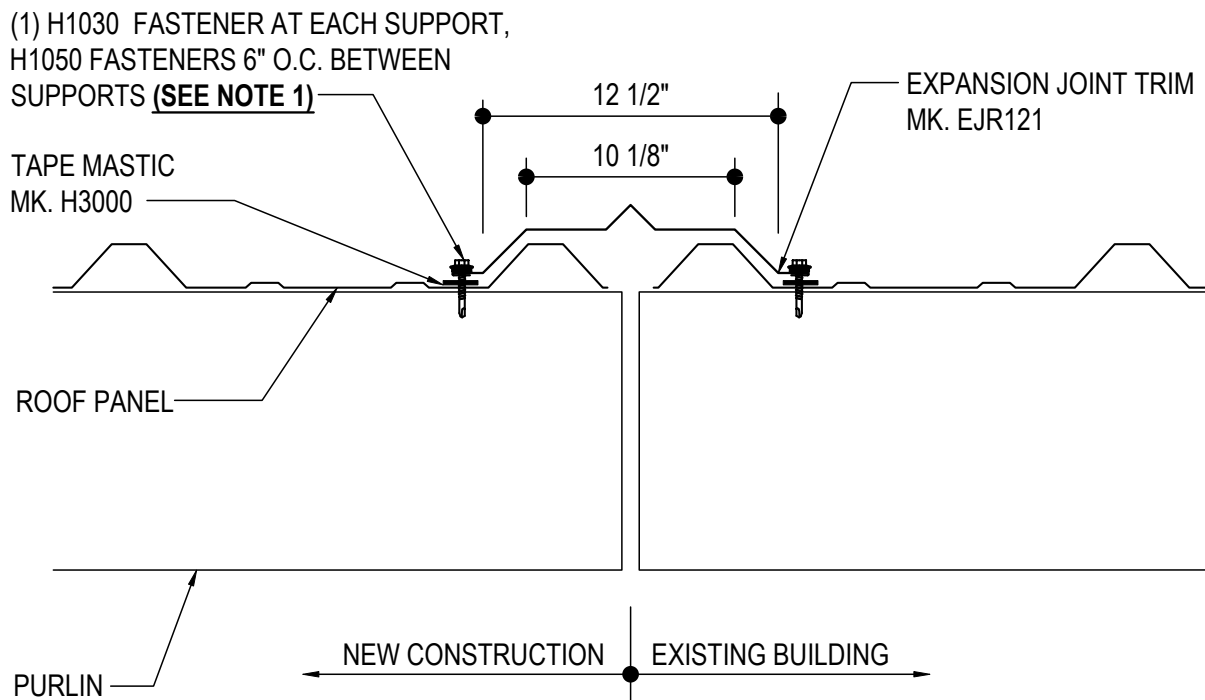
- 1) IF YOU HAVE ABOVE CONDITION, YOU WILL ALSO NEED EITHER THE RAKE TRIM EXPANSION JOINT DETAIL (DA0110) OR RAKE PARAPET EXPANSION JOINT DETAIL (DA0115).
- 2) DETAIL IS REQUIRED WHEN THE ROOF PANEL RUN EXCEEDS 120'-0".

DA0105 - TRANSVERSE EXPANSION JOINT

[Download the DWG file by clicking here.](#)



**NOTE 1: REFERENCE DETAIL DA0076
FOR ADDITIONAL REQUIRED TRIM
LAP FASTENER**



TRANSVERSE EXPANSION JOINT

R-Panel ROOF AT EXPANSION FRAME
REFER TO THE SHEETING PLAN FOR CENTERLINE OF RIB START PANEL
DIMENSIONS

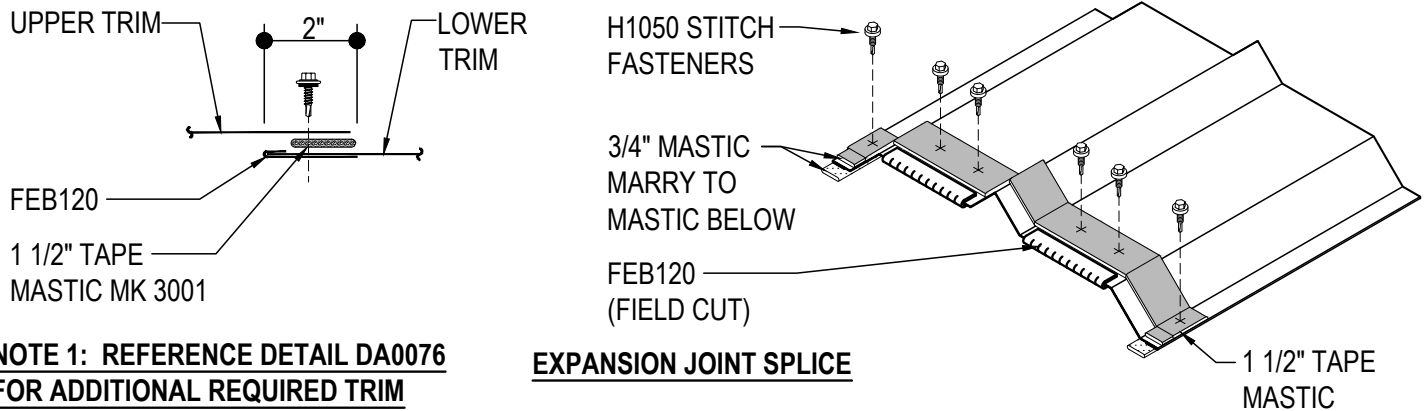
DA0105

Detailer Notes:

1) THIS DETAIL IS ONLY INTENDED TO BE USED WHEN SECONDARY FRAMING DOES NOT TIE TOGETHER OR WHEN THE SECONDARY MEMBERS ARE DESIGNED TO MOVE INDEPENDENTLY. LAY OUT PANELS AS REQUIRED TO ACCOMMODATE. PANELS CANNOT LAP TOGETHER AS SHOWN.

DA0106 - TRANSVERSE EXPANSION JOINT

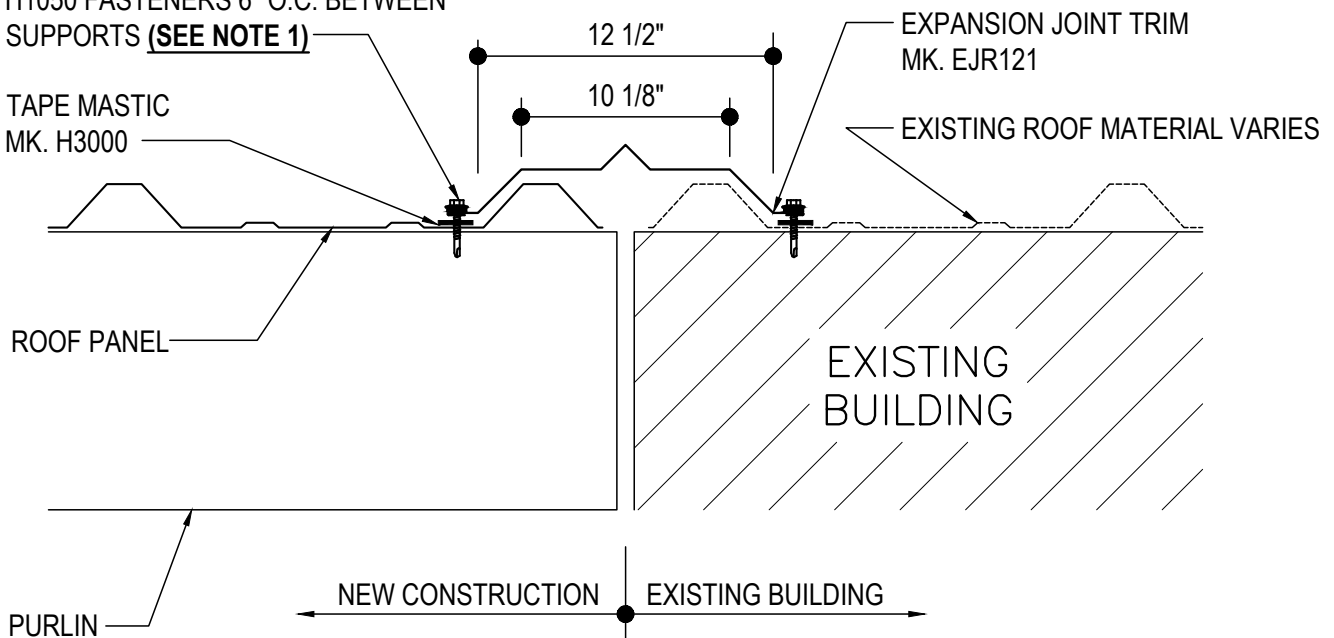
[Download the DWG file by clicking here.](#)



**NOTE 1: REFERENCE DETAIL DA0076
FOR ADDITIONAL REQUIRED TRIM
LAP FASTENER**

(1) H1030 FASTENER AT EACH SUPPORT,
H1050 FASTENERS 6" O.C. BETWEEN
SUPPORTS **(SEE NOTE 1)**

TAPE MASTIC
MK. H3000



TRANSVERSE EXPANSION JOINT

R-Panel ROOF AT EXISTING BUILDING
REFER TO THE SHEETING PLAN FOR CENTERLINE OF RIB START PANEL
DIMENSIONS

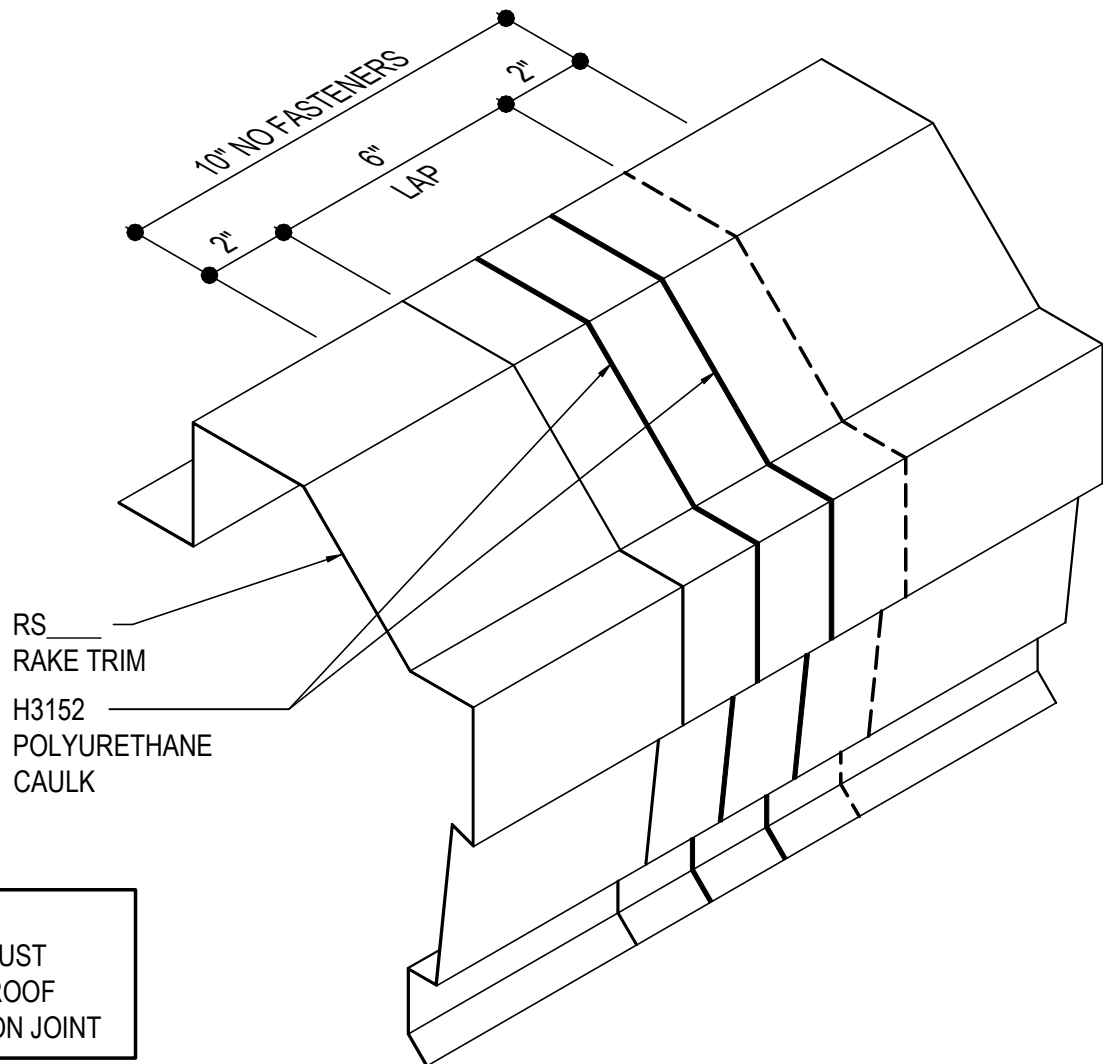
DA0106

Detailer Notes:

1) N/A

DA0110 - RAKE TRIM EXPANSION AT ROOF PANEL EXPANSION

[Download the DWG file by clicking here.](#)



ERECTOR NOTE:
THIS TRIM LAP MUST
OCCUR AT THE ROOF
PANEL EXPANSION JOINT

RAKE TRIM EXPANSION JOINT AT ROOF PANEL EXPANSION JOINT

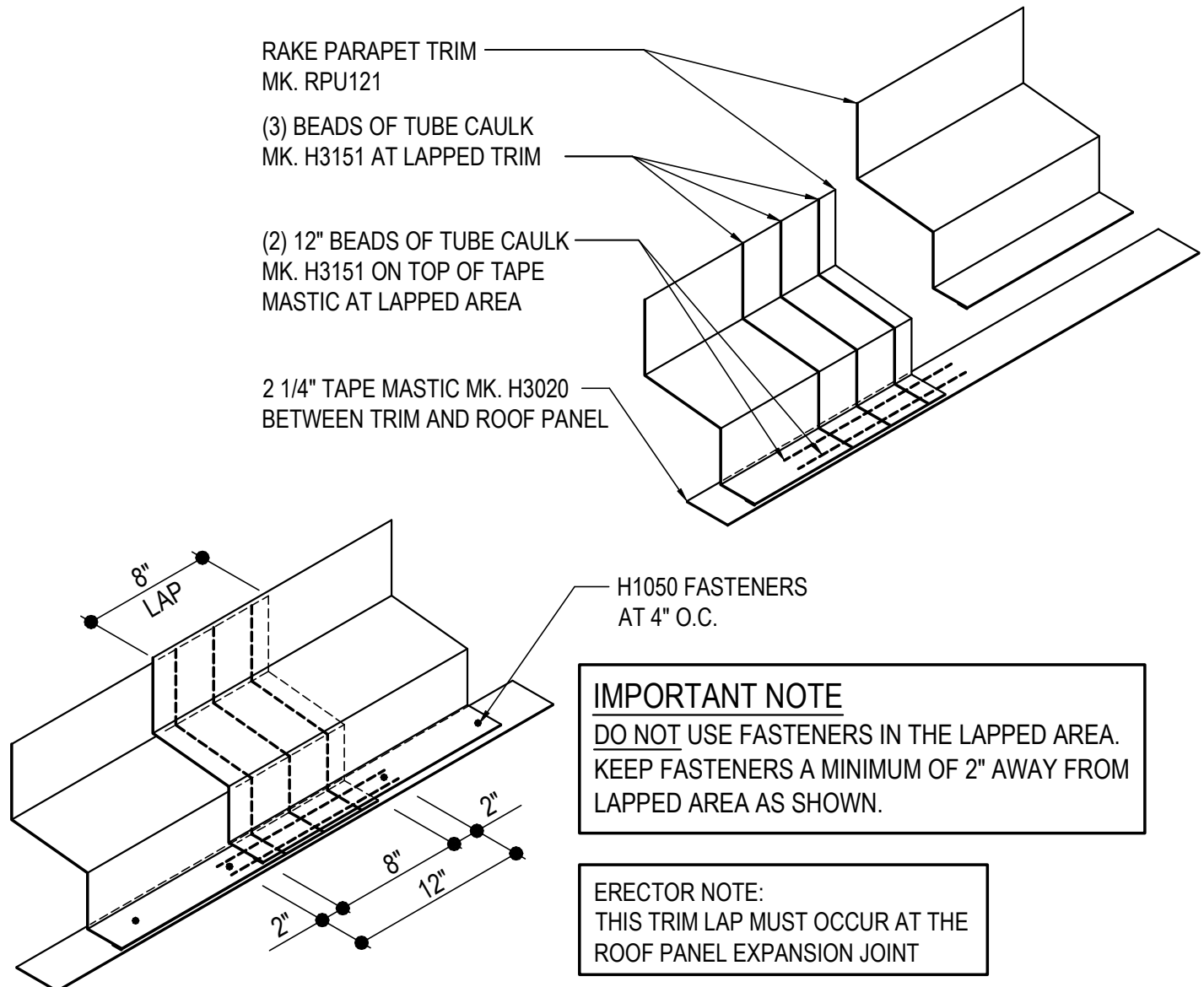
DA0110

Detailer Notes:

- 1) DETAIL IS REQUIRED WHEN YOU HAVE AN EXPANSION JOINT IN THE ROOF (REFER TO DETAIL DA0100 FOR THE LONGITUDINAL EXPANSION JOINT).
- 2) DETAIL IS REQUIRED WHEN THE ROOF PANEL RUN EXCEEDS 120'-0".

DA0115 - RAKE PARAPET EXPANSION JOINT

[Download the DWG file by clicking here.](#)



RAKE PARAPET EXPANSION JOINT

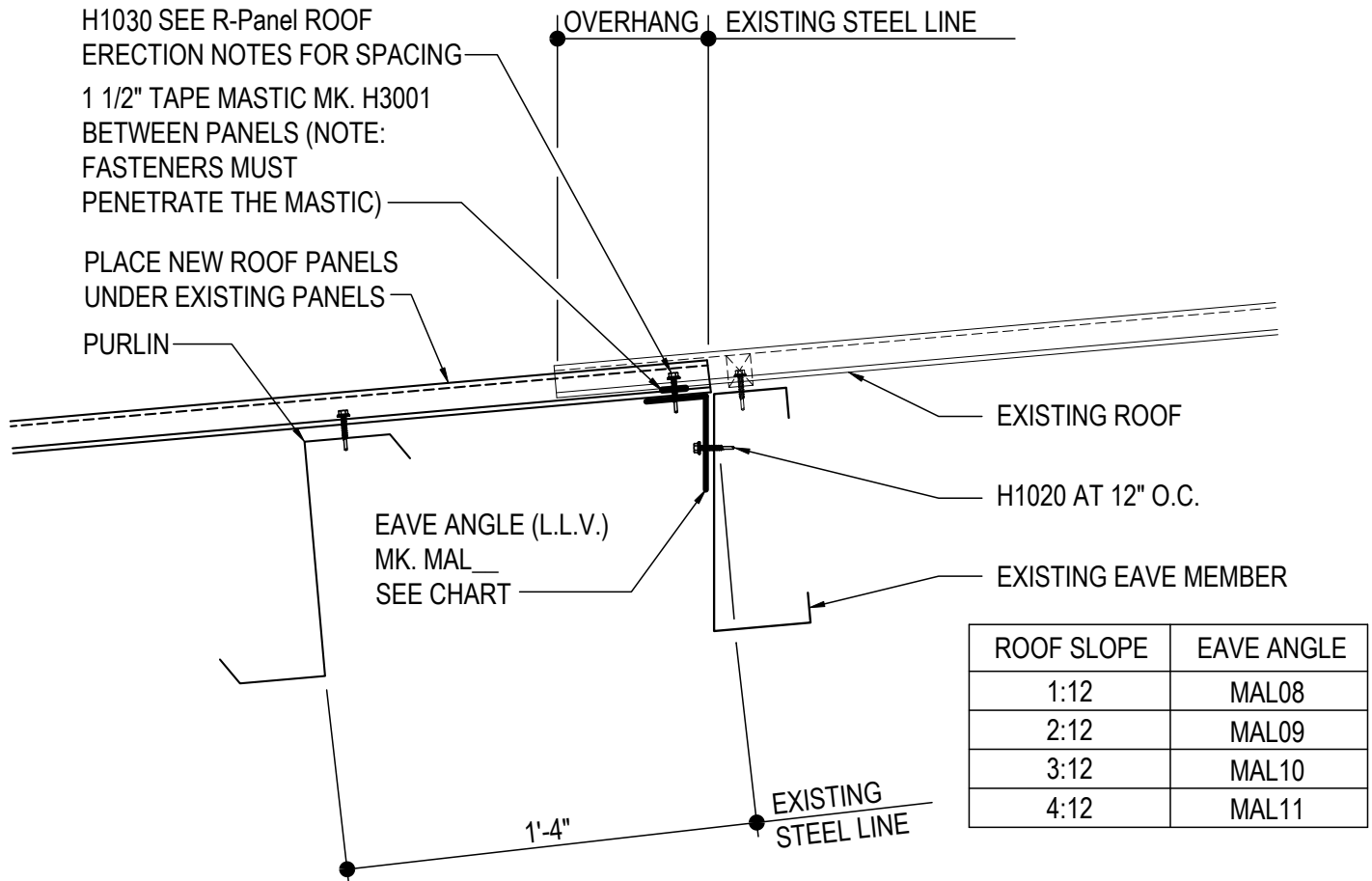
DA0115

Detailer Notes:

- 1) DETAIL IS REQUIRED WHEN YOU HAVE AN EXPANSION JOINT IN THE ROOF (REFER TO DETAIL DA0100 FOR THE LONGITUDINAL EXPANSION JOINT).
- 2) DETAIL IS REQUIRED WHEN THE ROOF PANEL RUN EXCEEDS 120'-0".

DA0140 - TIE-IN TO EXISTING R-PANEL ROOF (W/O WALL PANEL)

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R-Panel ROOF TIE-IN

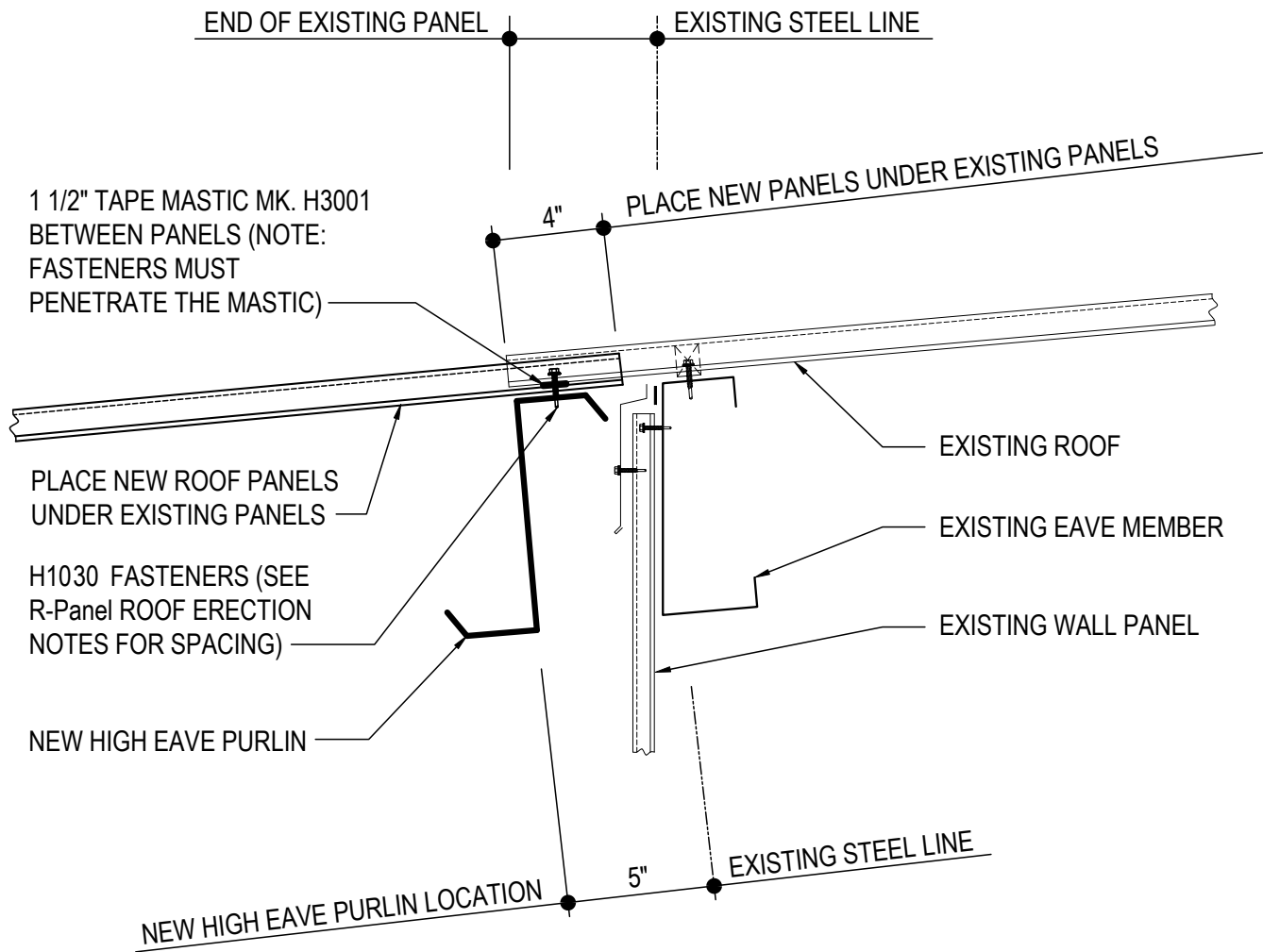
DA0140

Detailer Notes:

- 1) ALSO SEE DETAIL DA0150 FOR ANOTHER OPTION FOR THIS CONDITION.

DA0150 - TIE-IN TO EXISTING R-PANEL ROOF (W/ WALL PANEL)

[Download the DWG file by clicking here.](#)



R-Panel ROOF TIE-IN DETAIL

AT EXISTING BUILDING LOW EAVE

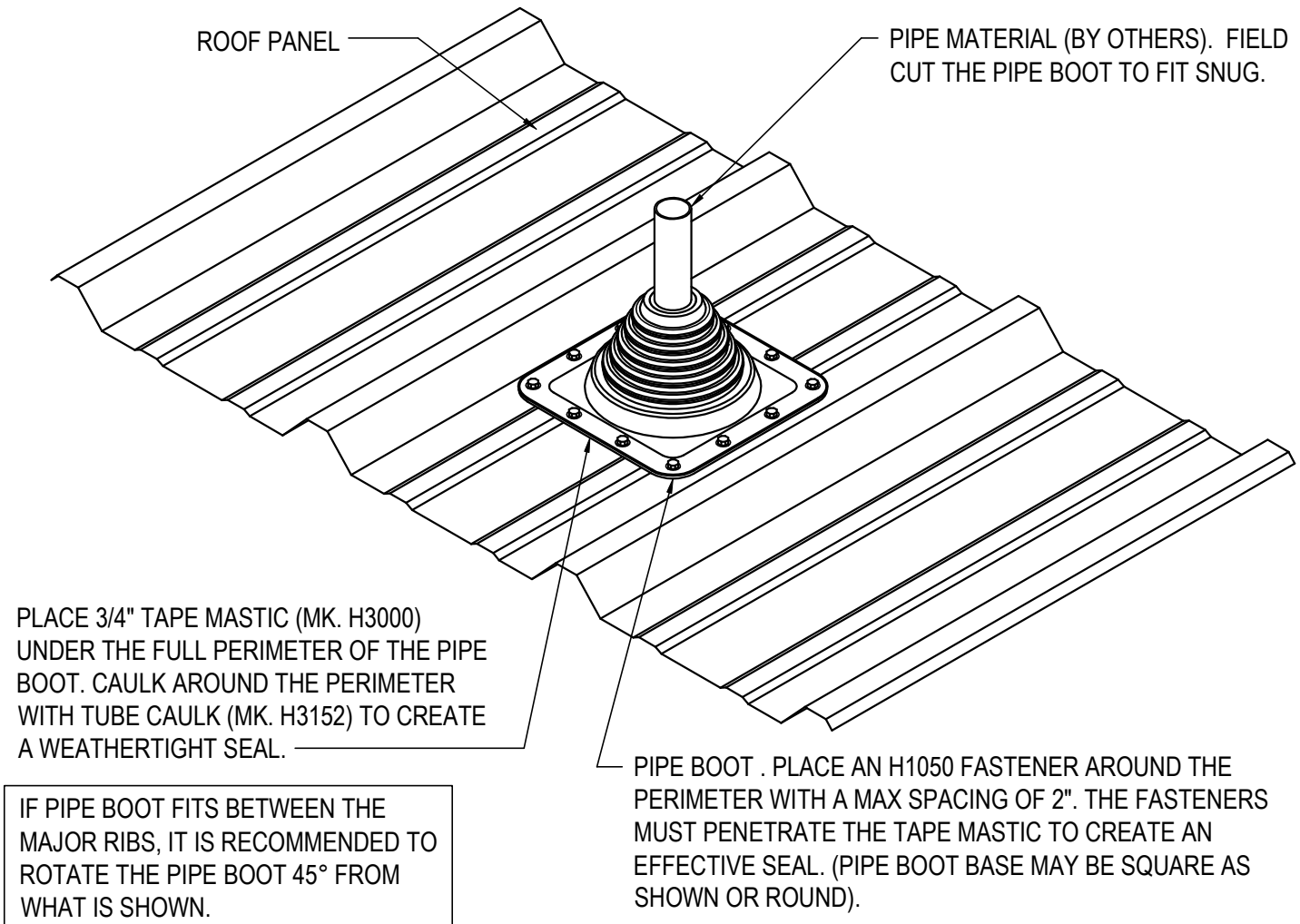
DA0150

Detailer Notes:

1) N/A

DA0200 - PIPE BOOT

[Download the DWG file by clicking here.](#)



PIPE BOOT DETAIL

PIPE BOOT PART NUMBERS

- (#3) H3500 1/4"-5" DIAMETER
- (#5) H3510 4 1/4"-7 1/2" DIAMETER
- (#8) H3520 7"-13" DIAMETER

DA0200

Detailer Notes:

- 1) N/A