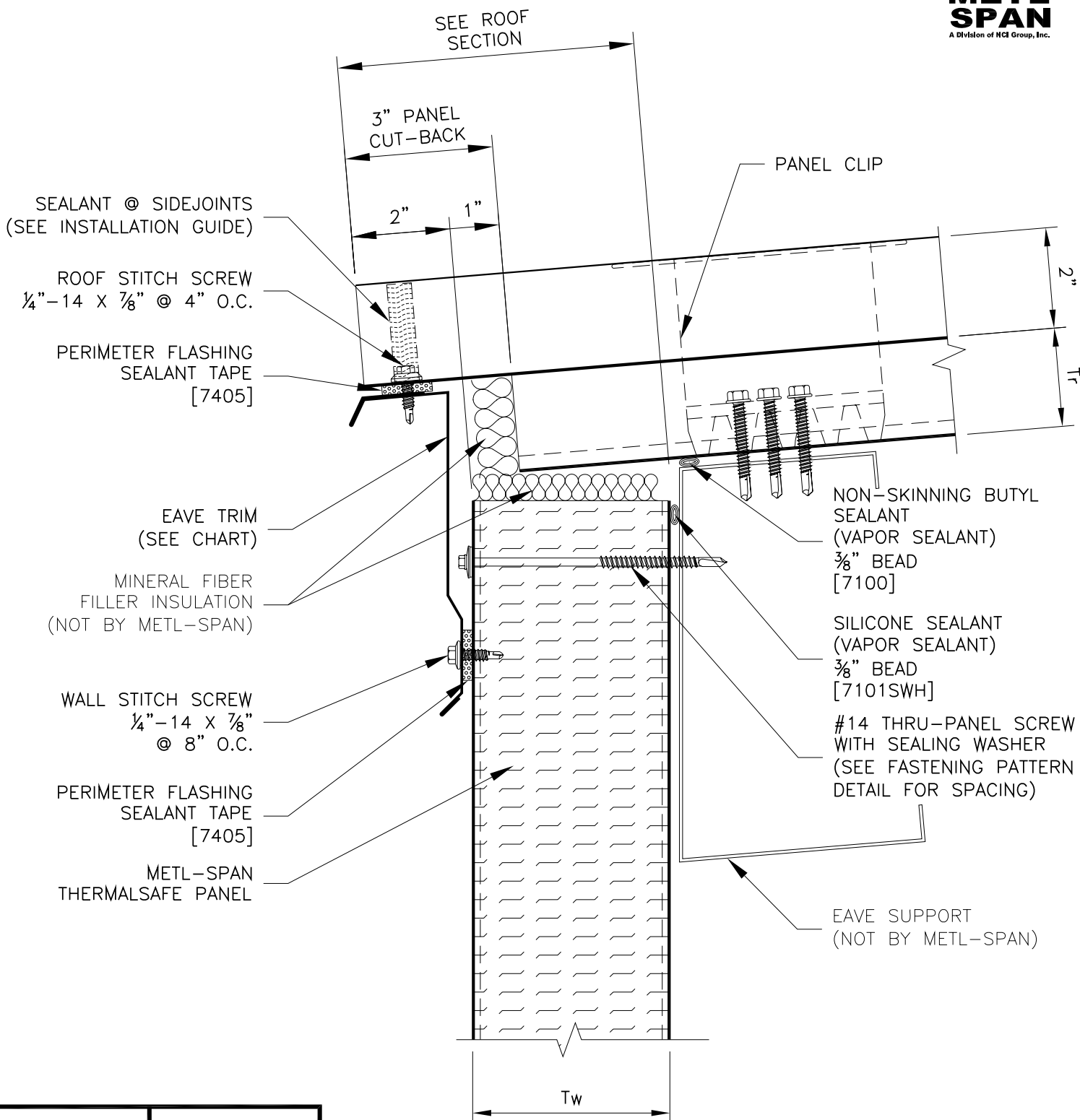


ROOF PANEL Tr	STANDARD GUTTER	EAVE TRIM
2", 2 1/2", 3"	F3420	F3415
4", 5"	F3421	F3416
6"	F3422	F3417

COMMERCIAL AND
INDUSTRIAL

CFR ROOF - THERMALSAFE WALL
STANDARD GUTTER

CFT02001
DATE: 02-07-2014

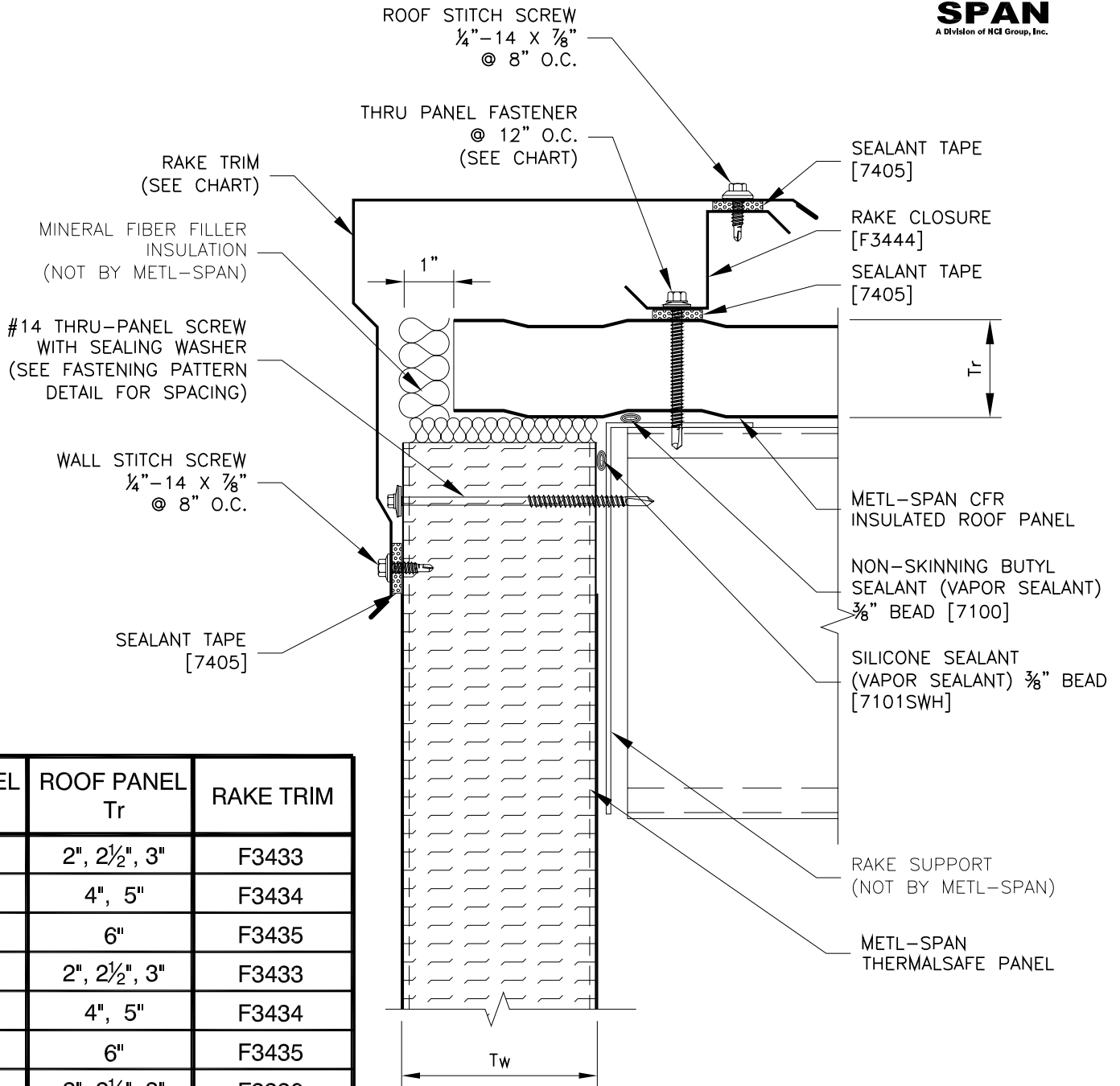


ROOF PANEL Tr	EAVE TRIM
2", 2 1/2", 3"	F3415
4", 5"	F3416
6"	F3417

COMMERCIAL AND
INDUSTRIAL

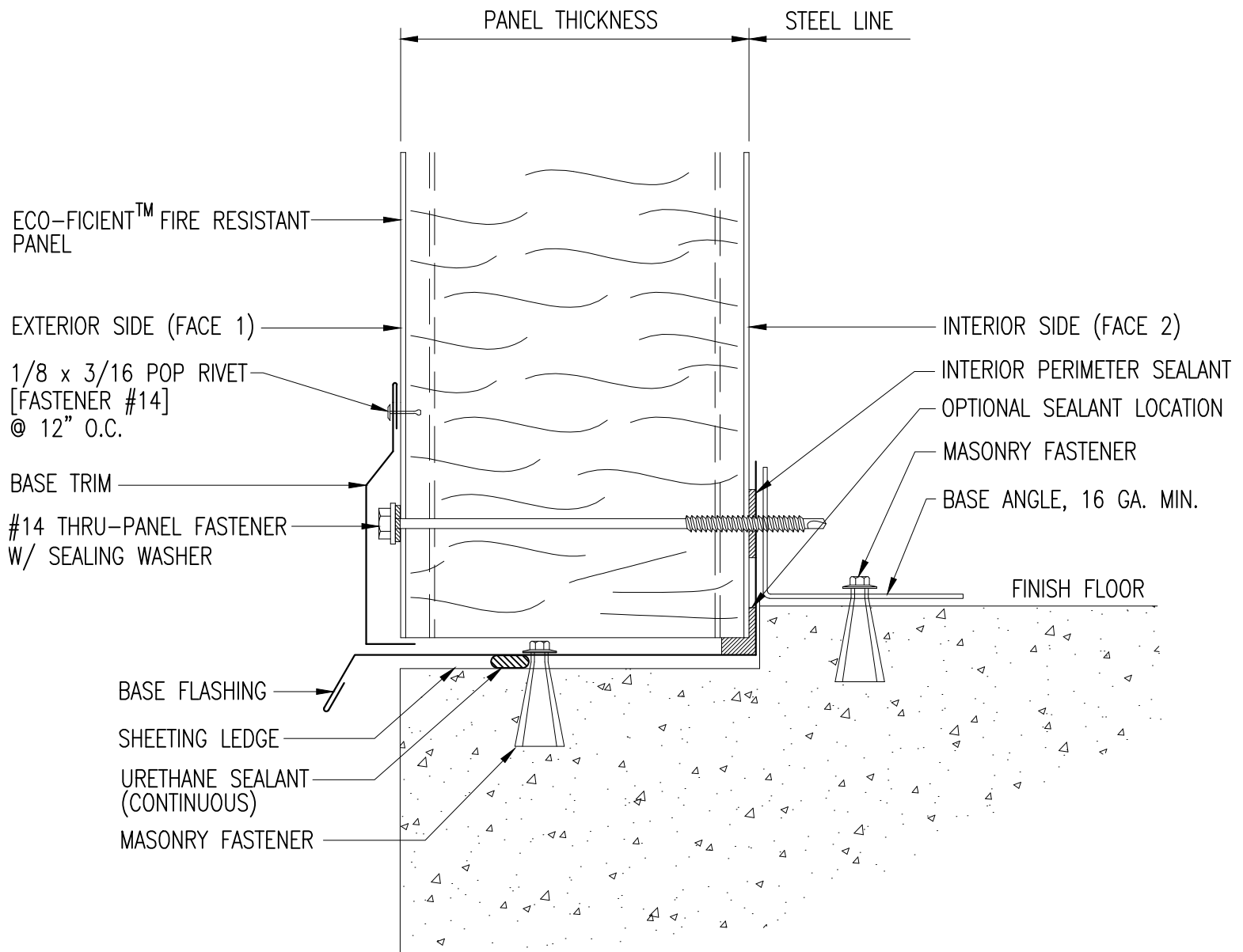
CFR ROOF - THERMSAFE WALL
WITH EAVE TRIM

CFT02020
DATE: 02-07-2014



WALL PANEL Tw	ROOF PANEL Tr	RAKE TRIM
4"	2", 2½", 3"	F3433
4"	4", 5"	F3434
4"	6"	F3435
5"	2", 2½", 3"	F3433
5"	4", 5"	F3434
5"	6"	F3435
6"	2", 2½", 3"	F3330
6"	4", 5"	F3331
6"	6"	F3332
7"	2", 2½", 3"	F3555
7"	4", 5"	F3556
7"	6"	F3557
8"	2", 2½", 3"	F3560
8"	4", 5"	F3561
8"	6"	F3562

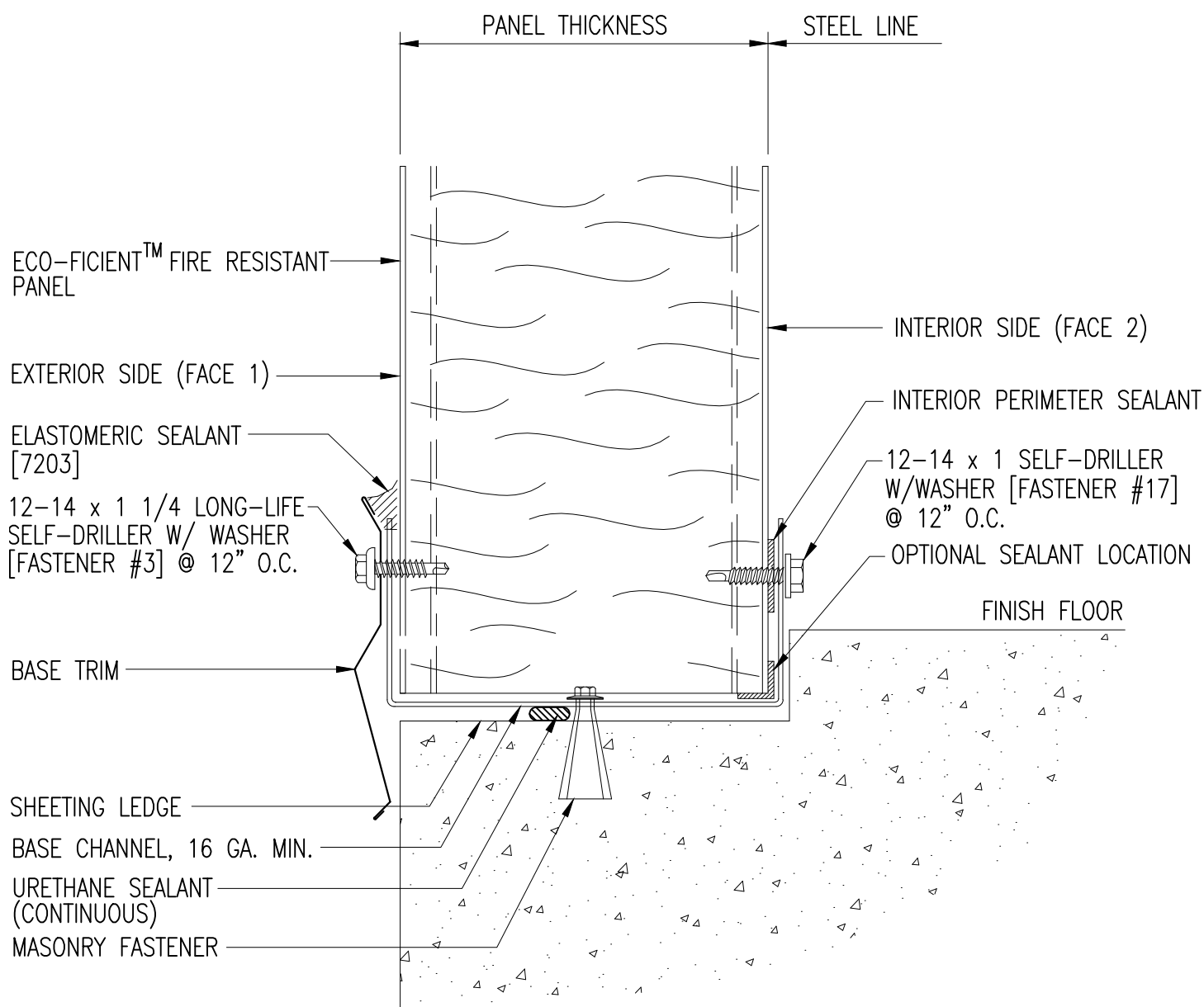
ROOF PANEL Tr	THROUGH PANEL FASTENER
2"	#1124
2½"	#1132
3"	#1132
4"	#1140
5"	#1148
6"	#1156



VERTICAL PANEL – BASE DETAIL (THRU-PANEL FASTENED)

NOTES:

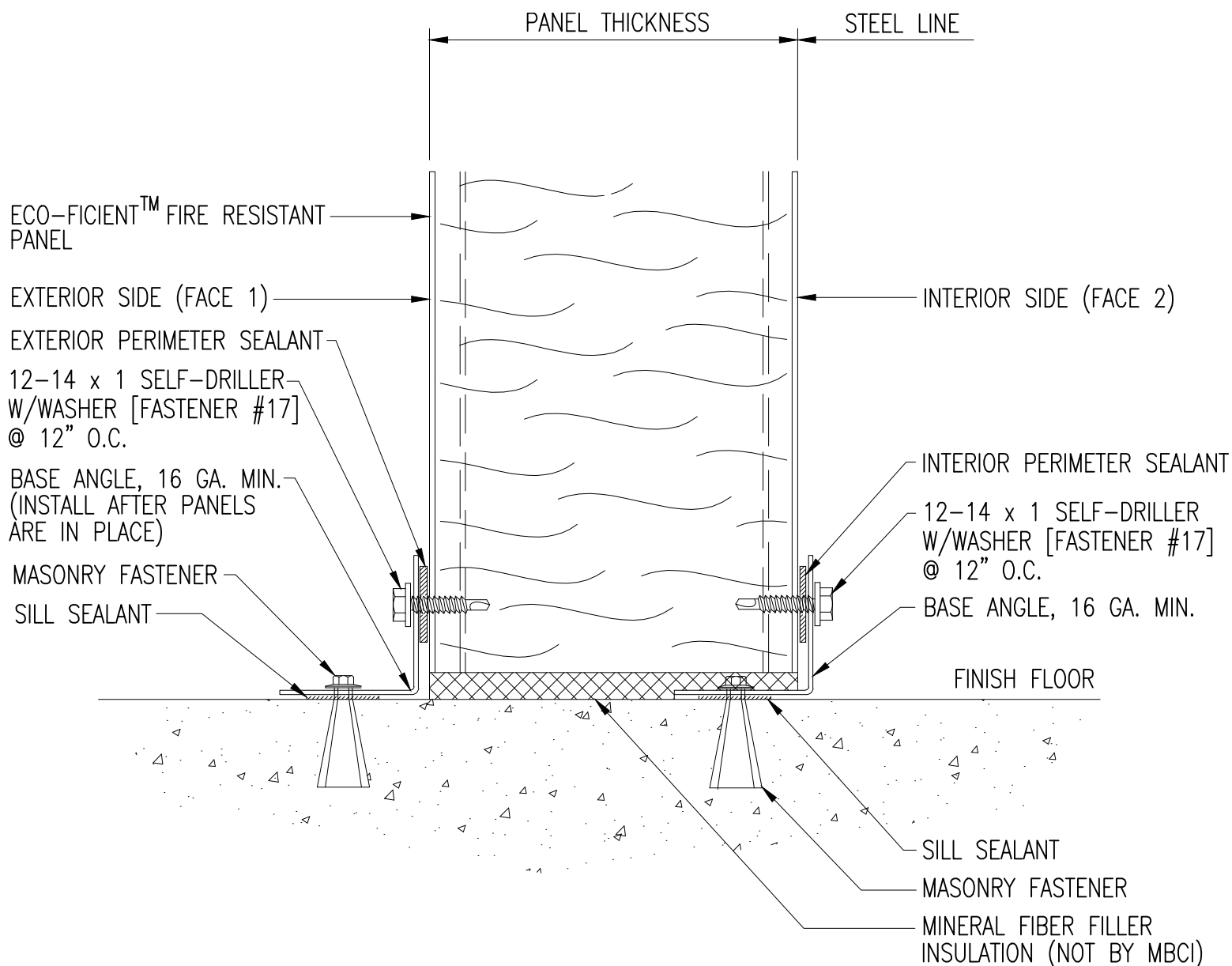
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



VERTICAL PANEL – BASE DETAIL (W/ BASE CHANNEL)

NOTES:

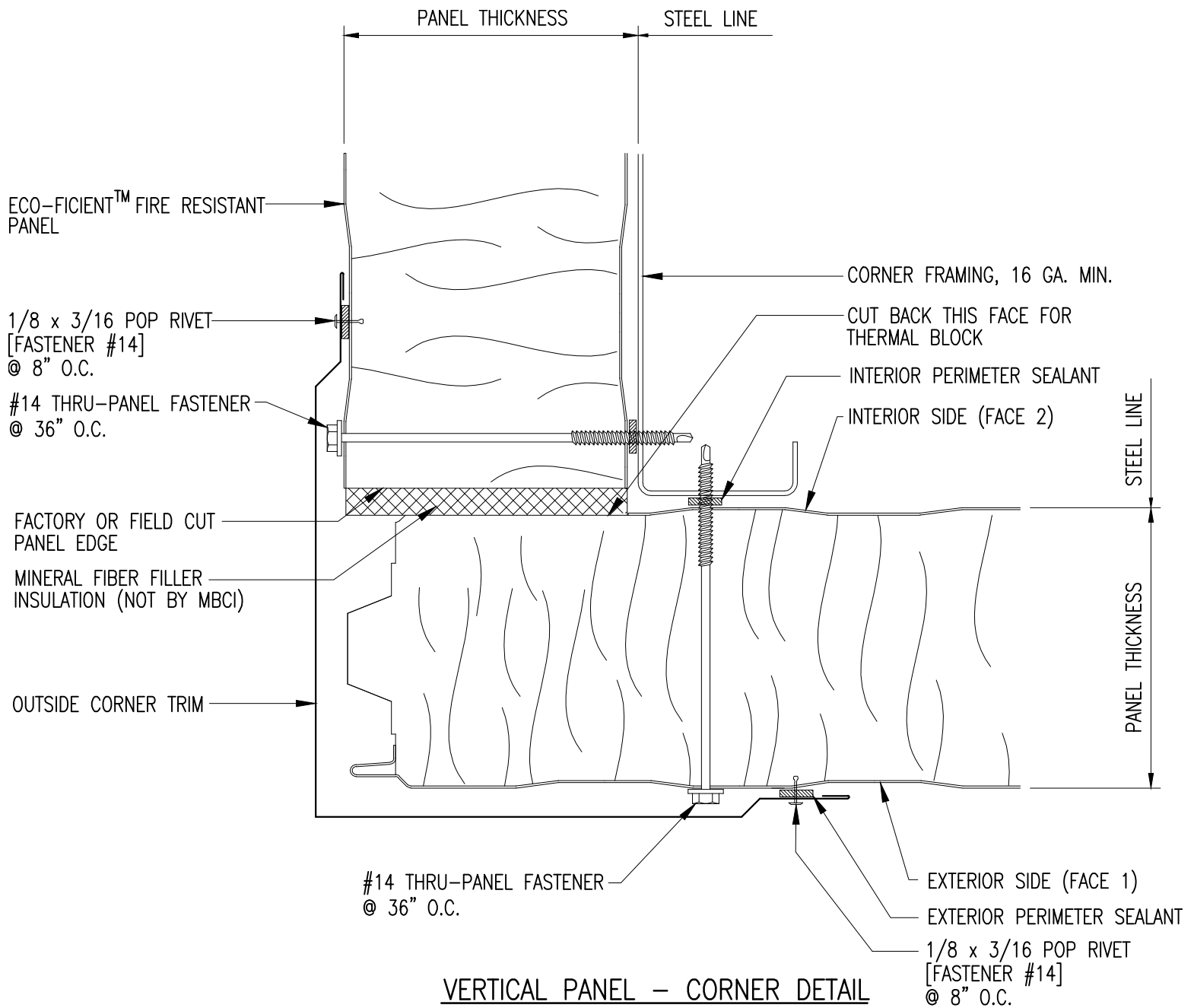
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO HAVE A WEATHER/VAPOR SEAL AT THE EXTERIOR SURFACE.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



VERTICAL PANEL – BASE DETAIL (ISOLATED BASE ANGLES)

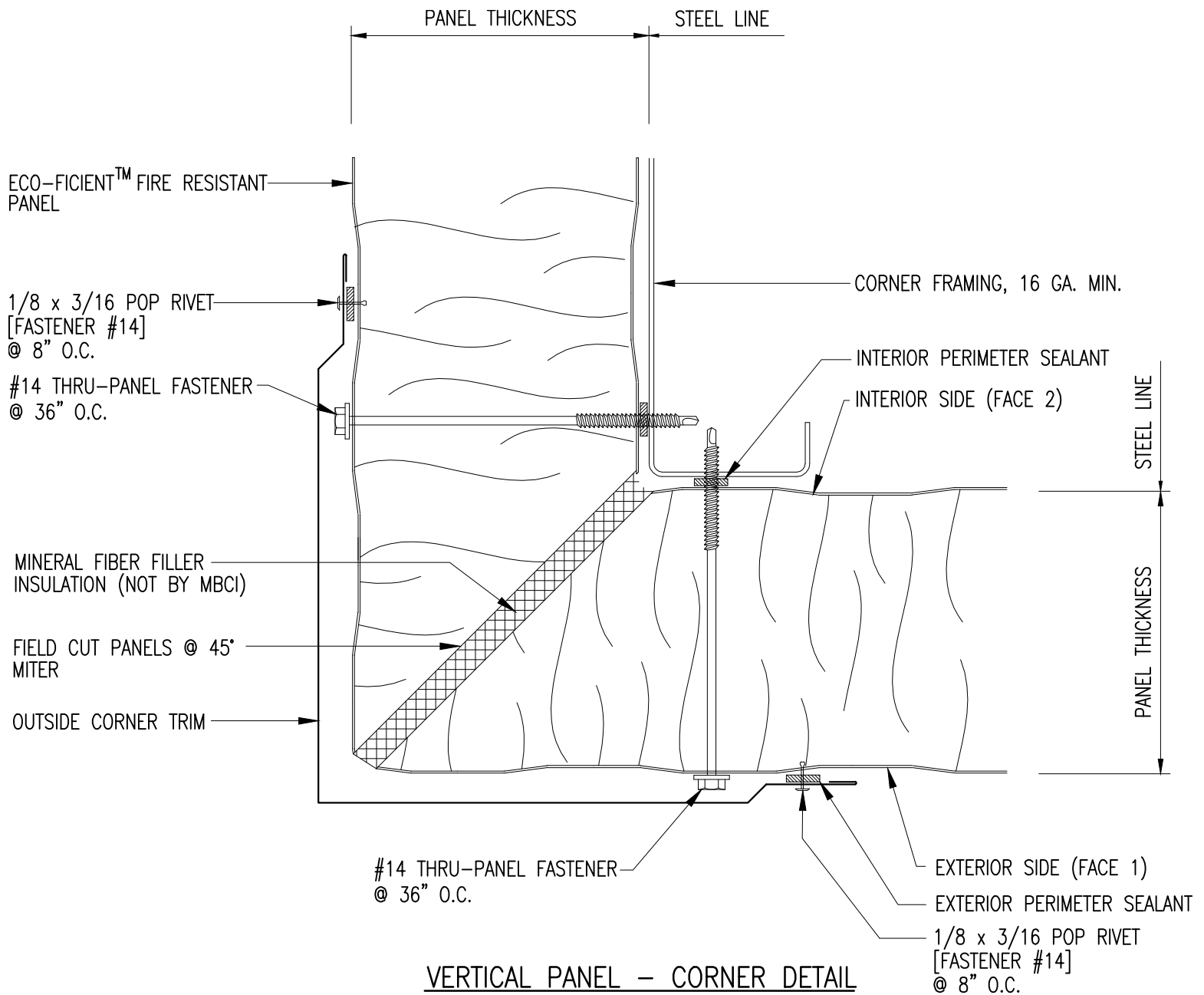
NOTES:

1. THIS DETAIL PROVIDES FOR ISOLATED BASE ANGLES WITHOUT A PROJECTION OF THE BASE ANGLE ON ONE SIDE.
2. FIRE PROTECTION OF THE BASE STRUCTURAL SUPPORT MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
3. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.



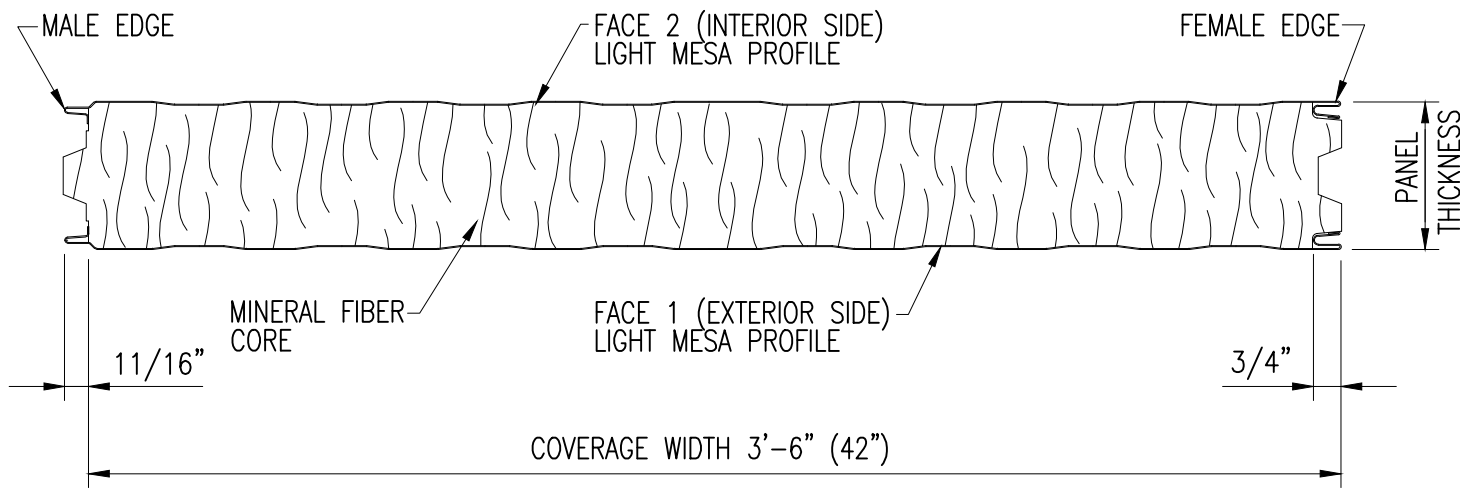
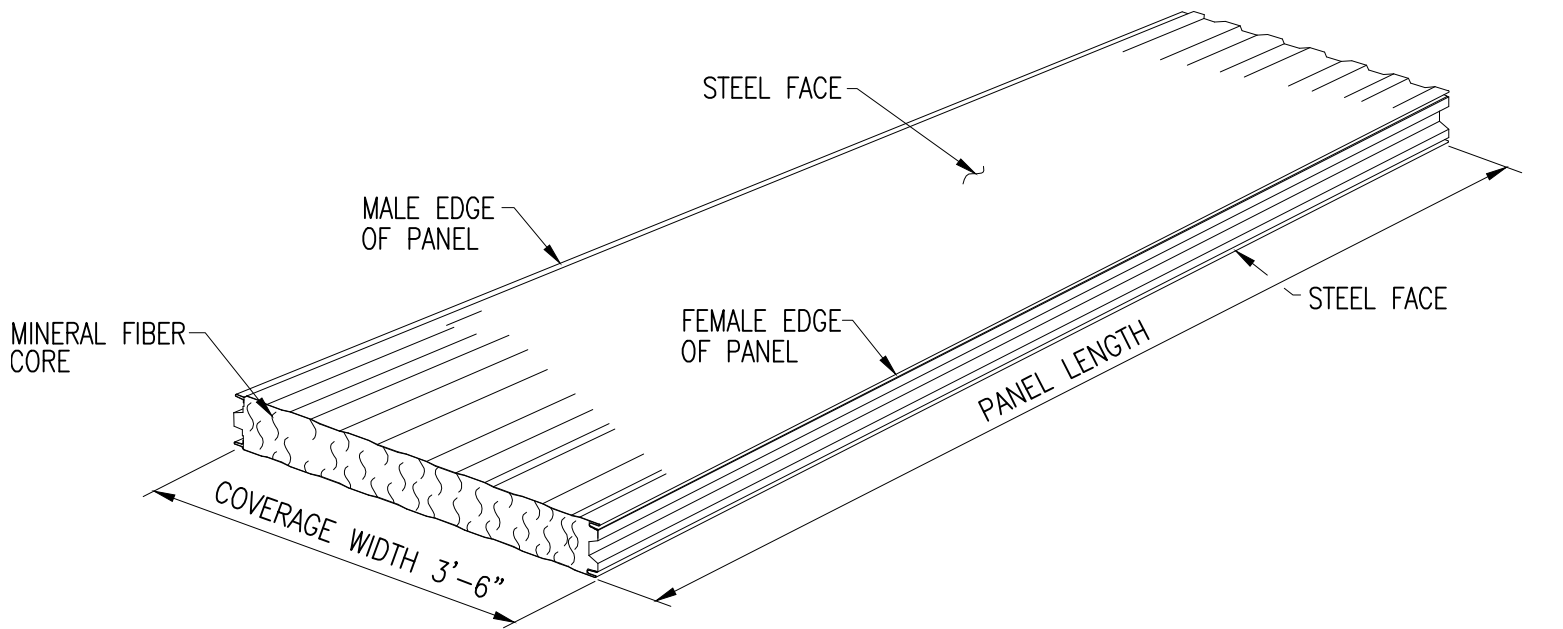
NOTES:

1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.

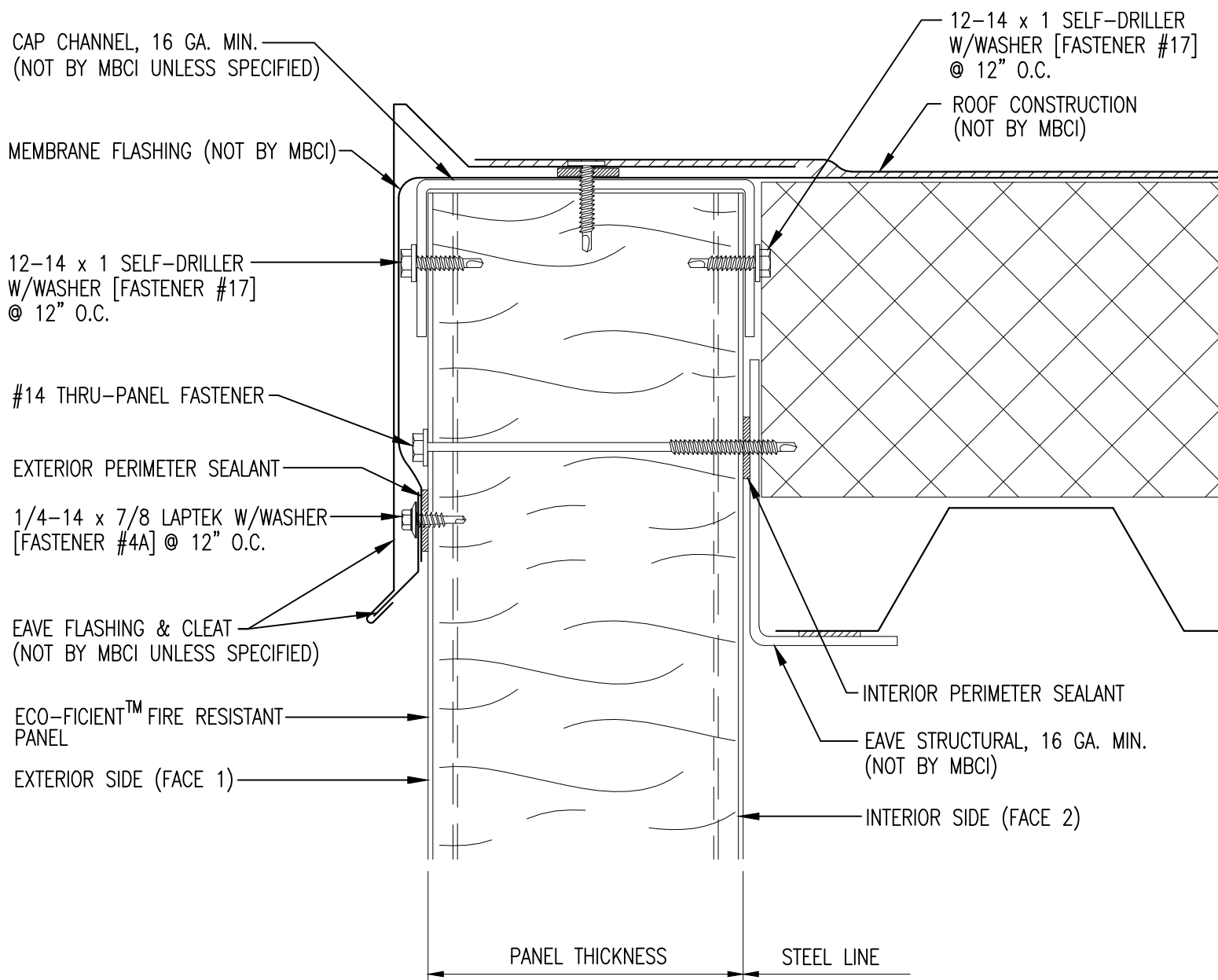


NOTES:

1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.



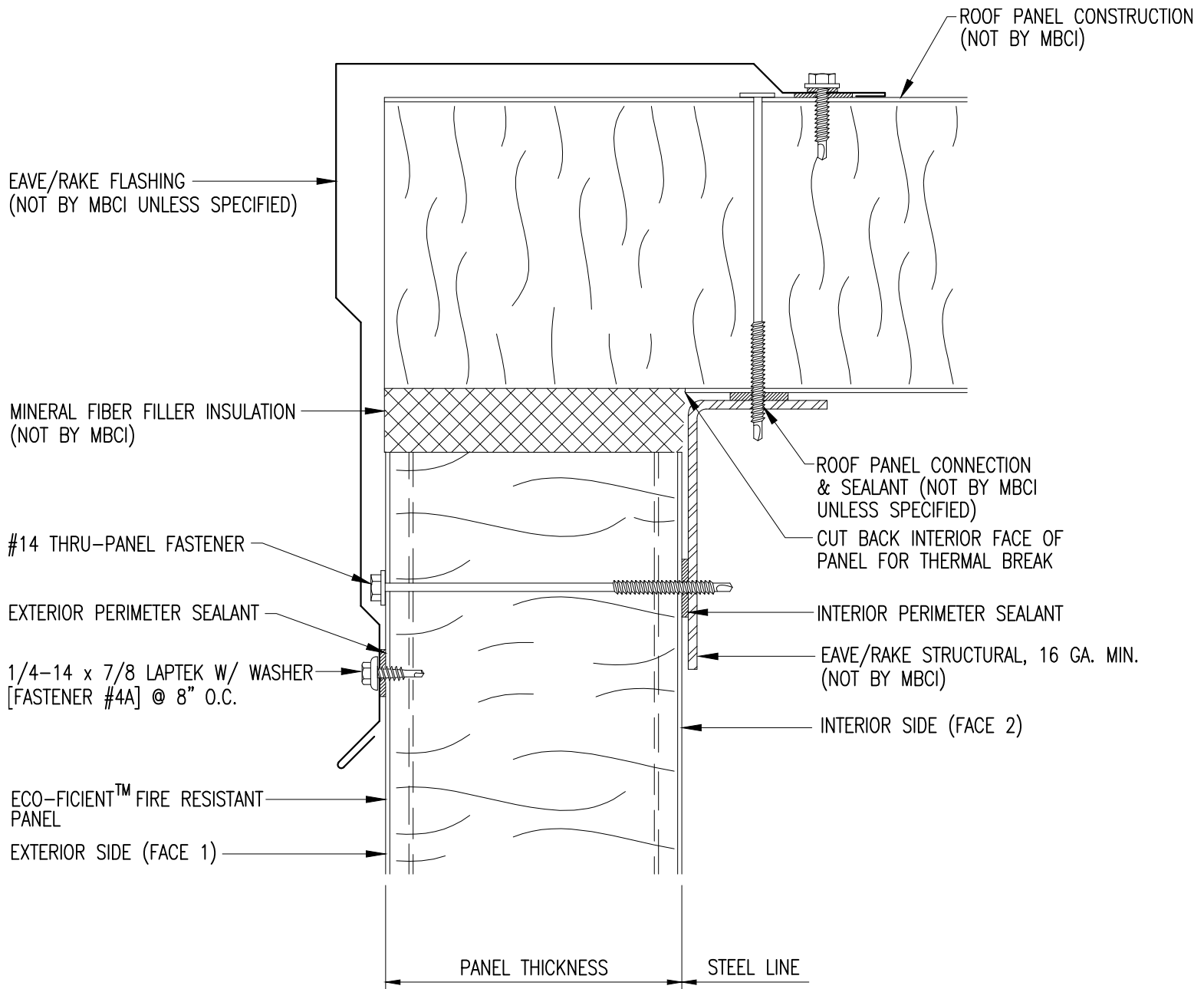
PANEL CROSS SECTION



VERTICAL PANEL – EAVE DETAIL (MEMBRANE ROOF CONSTRUCTION)

NOTES:

1. FIRE PROTECTION OF THE EAVE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM'S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.

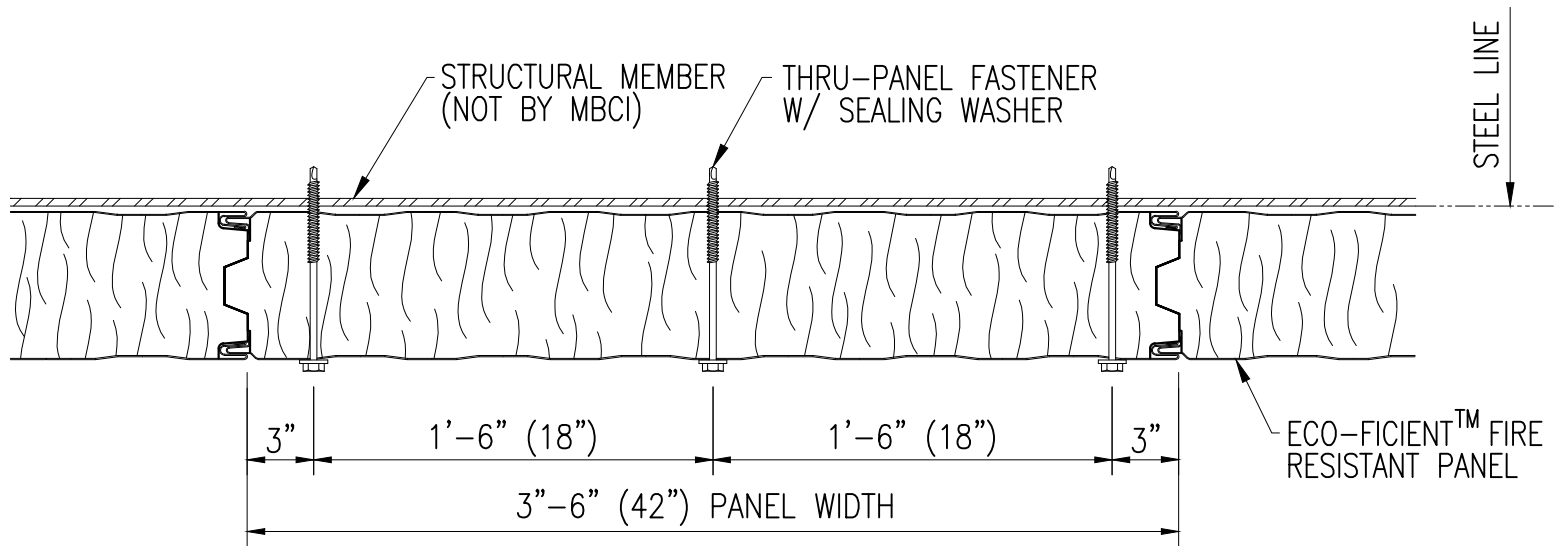


VERTICAL PANEL – EAVE/RAKE DETAIL

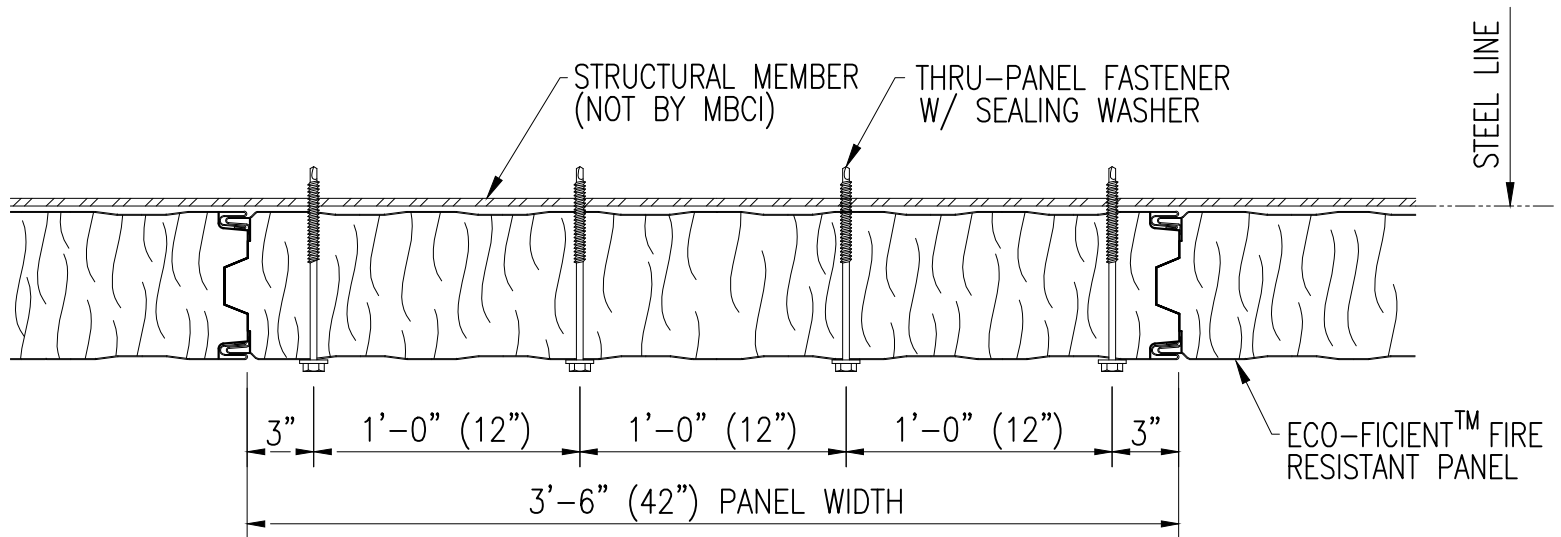
ROOF PANEL CONSTRUCTION

NOTES:

1. FIRE PROTECTION OF THE EAVE/RAKE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM'S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.



FASTENER PATTERN 1



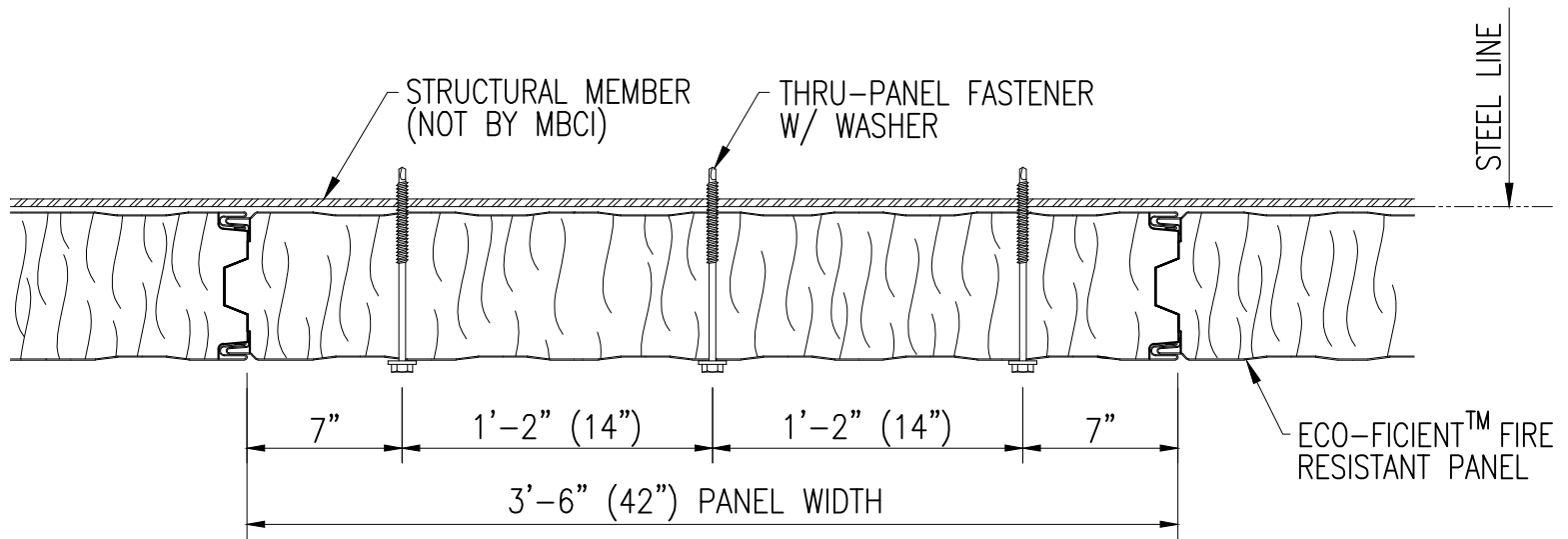
FASTENER PATTERN 2

VERTICAL PANEL

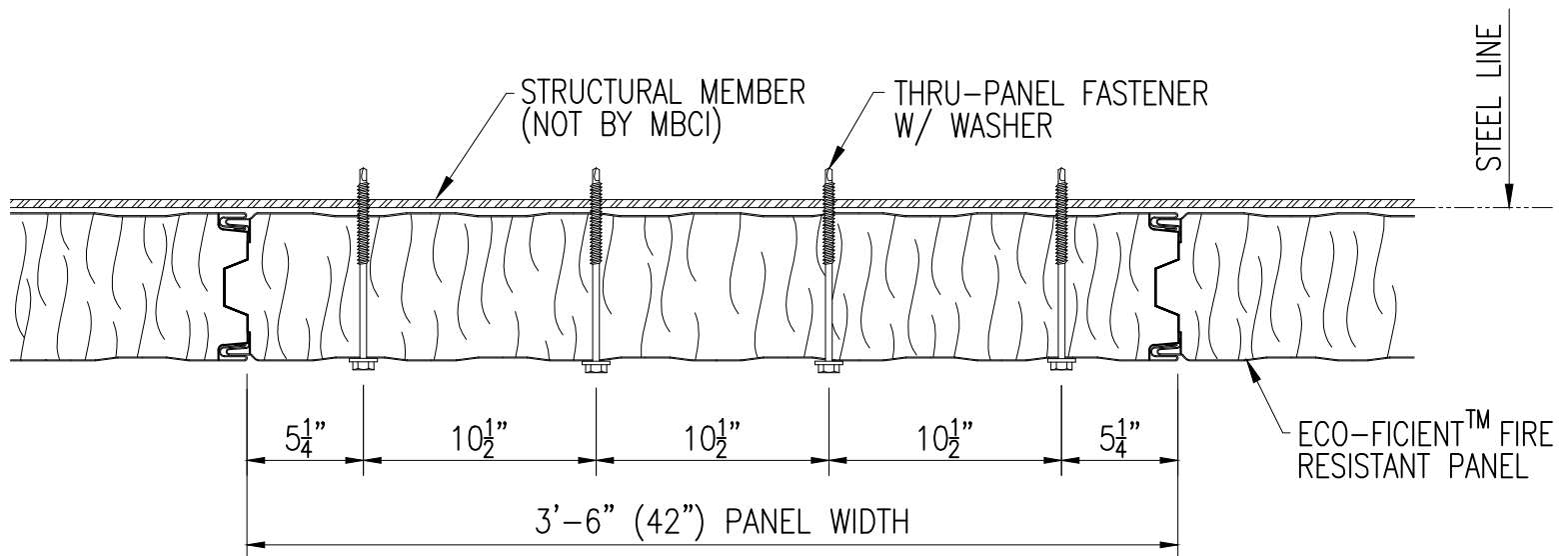
THRU PANEL FASTENER PATTERNS

(@ BASE, HEAD, & EAVE/RAKE STRUCTURAL SUPPORTS)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.



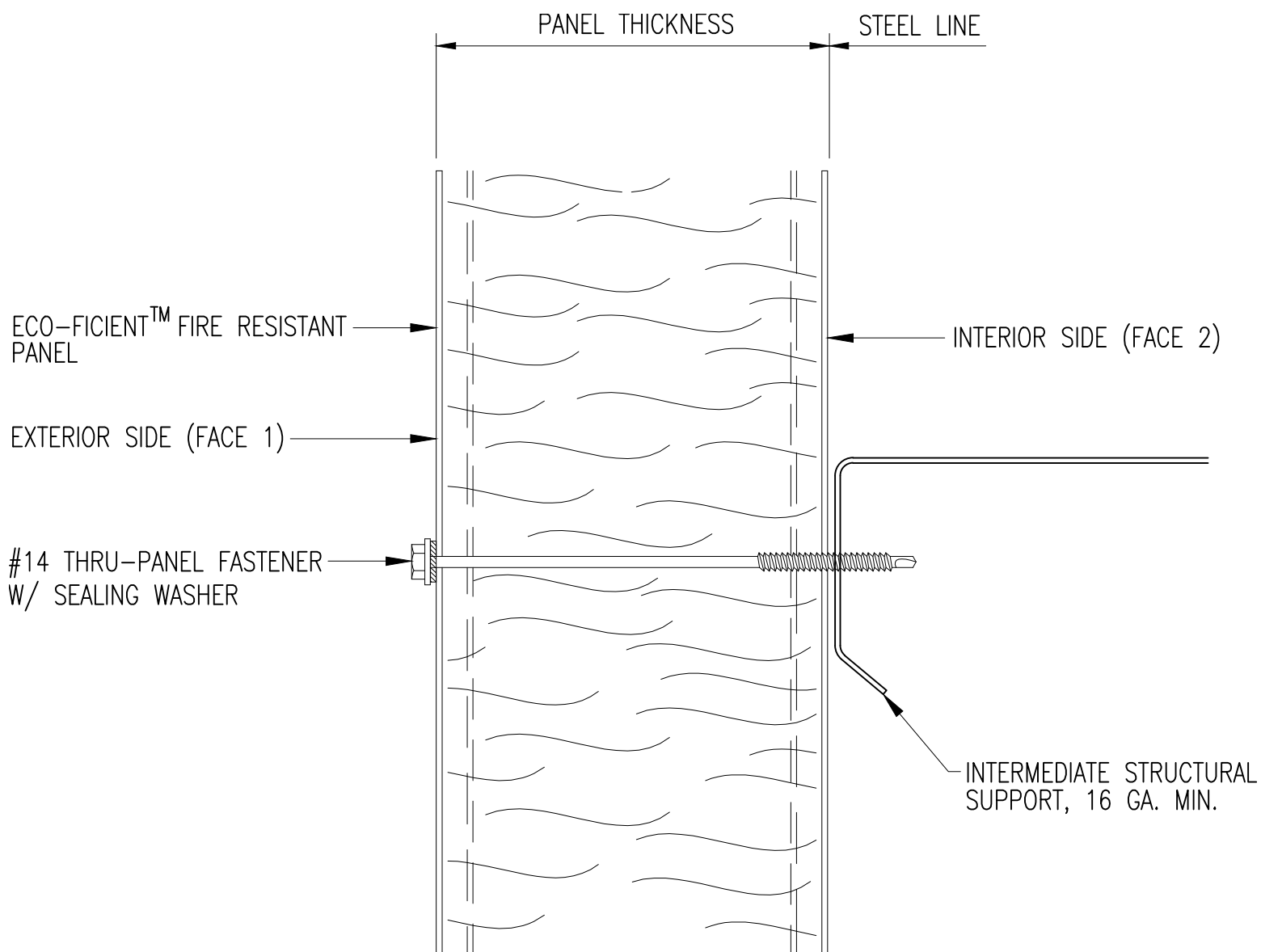
FASTENER PATTERN 1



FASTENER PATTERN 2

VERTICAL PANEL
THRU PANEL FASTENER PATTERNS
 (@ INTERMEDIATE STRUCTURAL SUPPORTS)

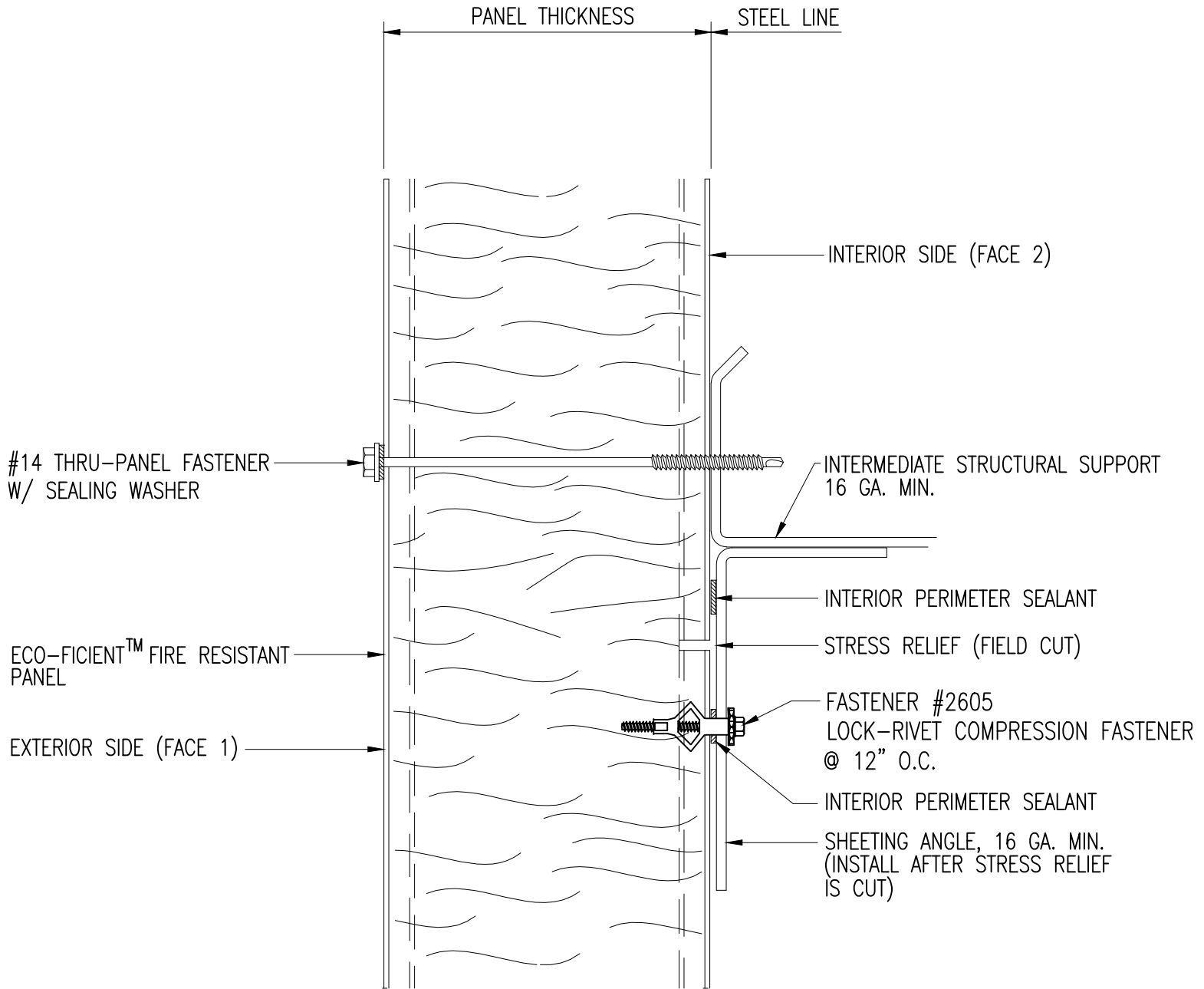
NOTE: FASTENER PATTERNS TO BE DETERMINED PER
 SPECIFIC PROJECT DESIGN REQUIREMENTS.



VERTICAL PANEL
INTERMEDIATE SUPPORT DETAIL

NOTE:

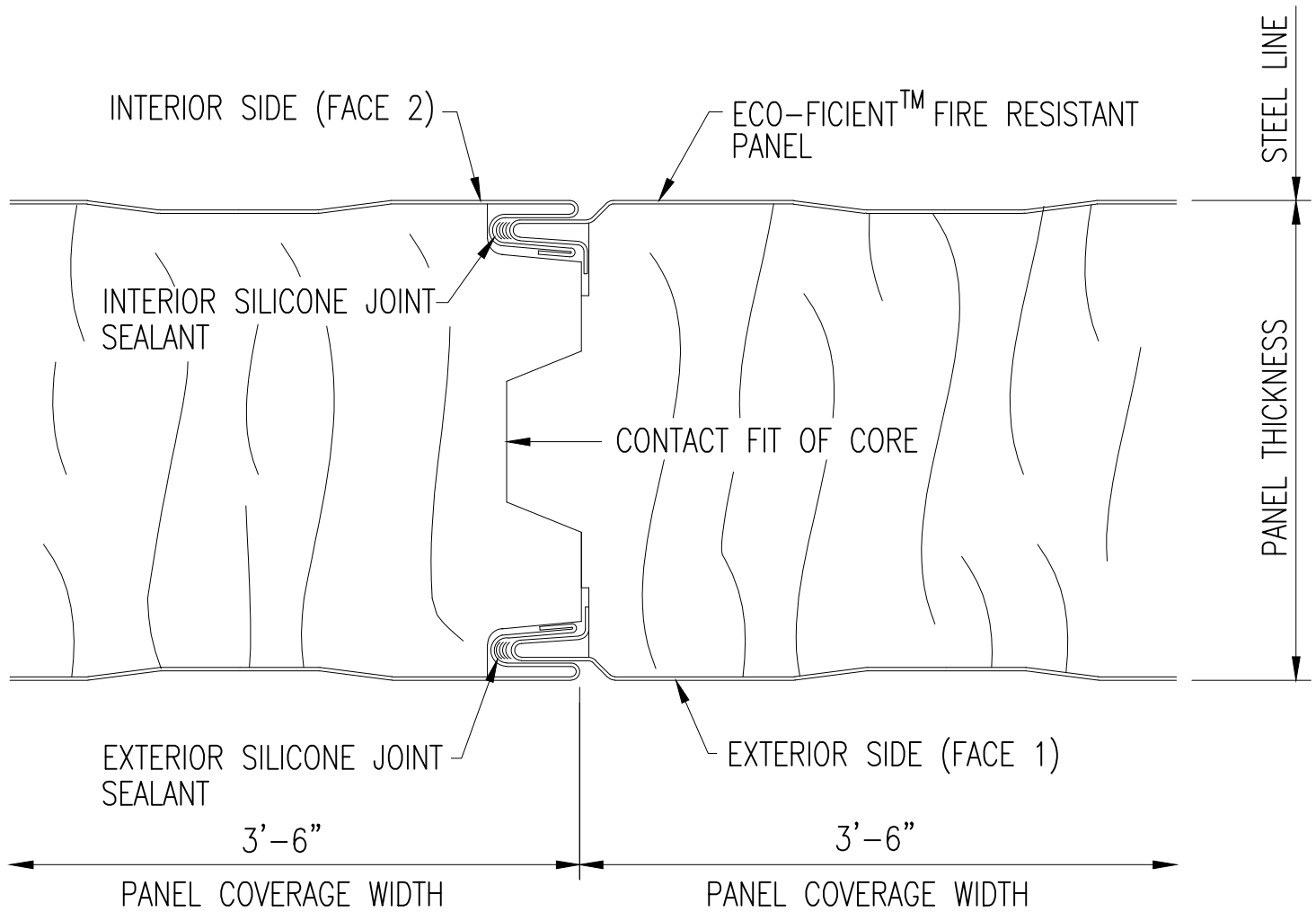
FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



VERTICAL PANEL
INTERMEDIATE SUPPORT DETAIL
 (@ THERMAL STRESS RELIEF)

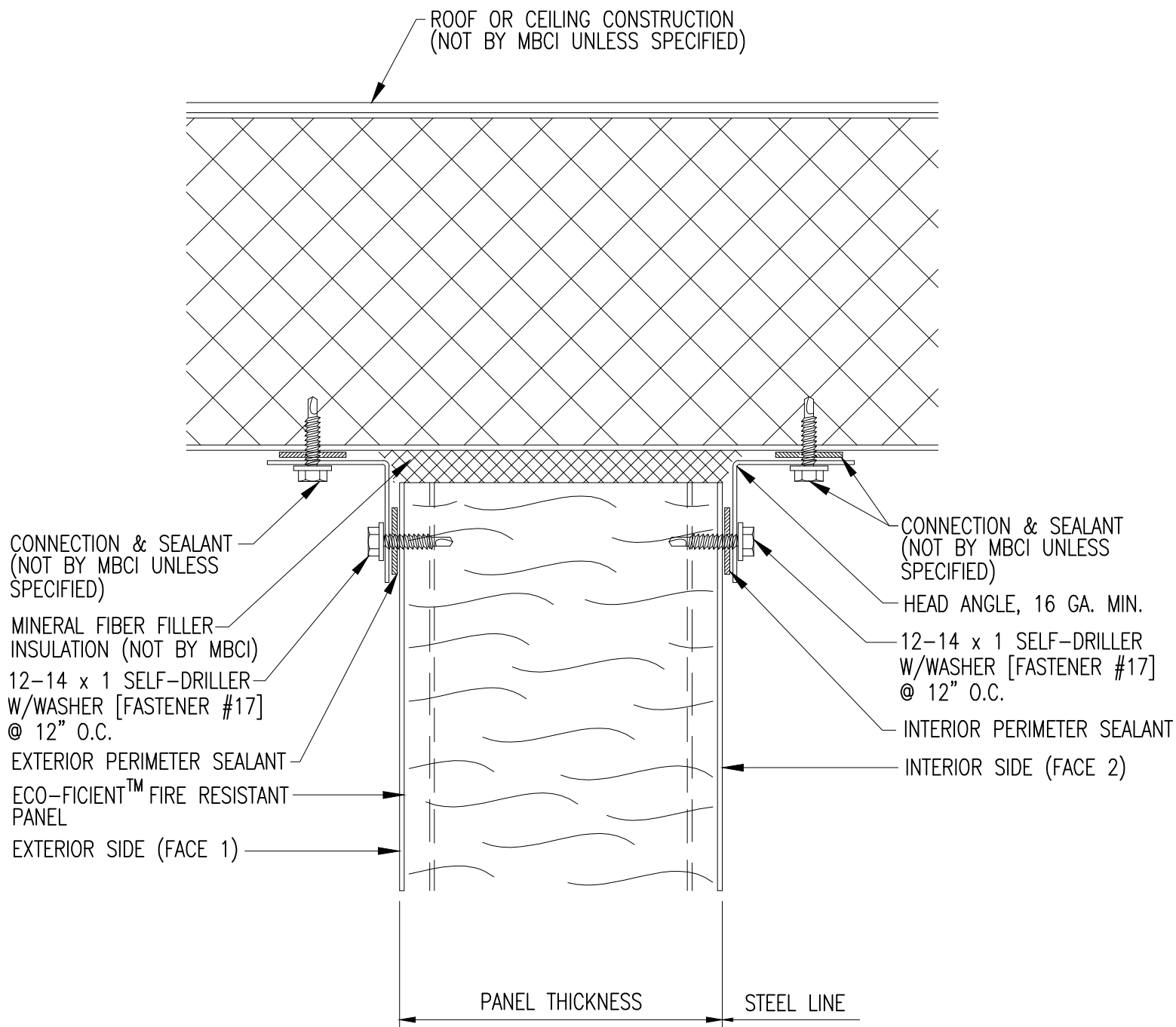
NOTES:

1. THERMAL STRESS RELIEF CUT ON THE INTERIOR FACE MAY BE REQUIRED FOR SOME APPLICATIONS, SUBJECT TO THE PROJECT'S DESIGN AND OPERATING REQUIREMENTS.
2. FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



VERTICAL PANEL JOINT

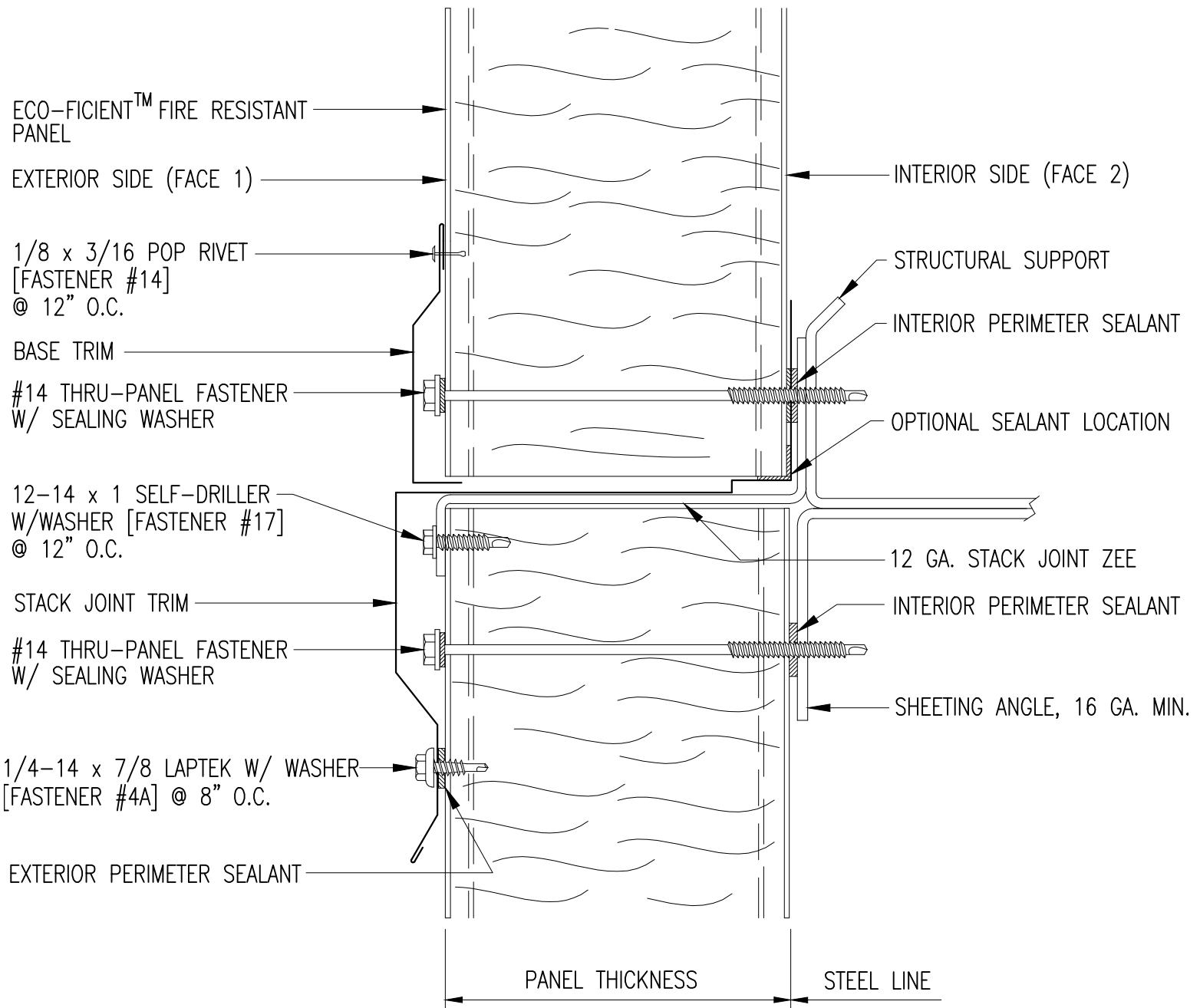
NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL'S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.



VERTICAL PANEL – HEAD DETAIL (W/ ISOLATED HEAD ANGLES)

NOTES:

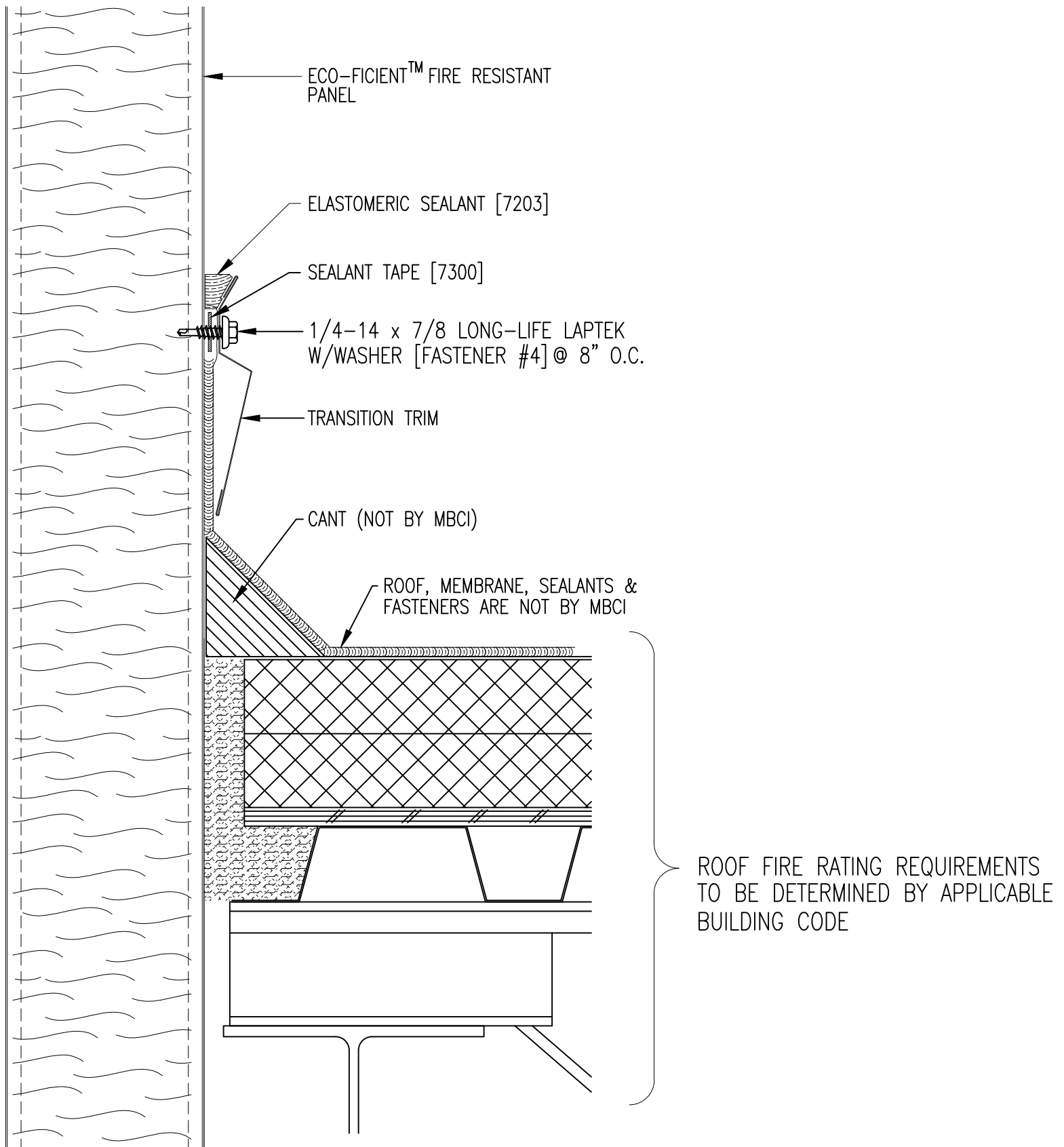
1. FIRE PROTECTION OF THE HEAD STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF OR CEILING SYSTEM'S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.



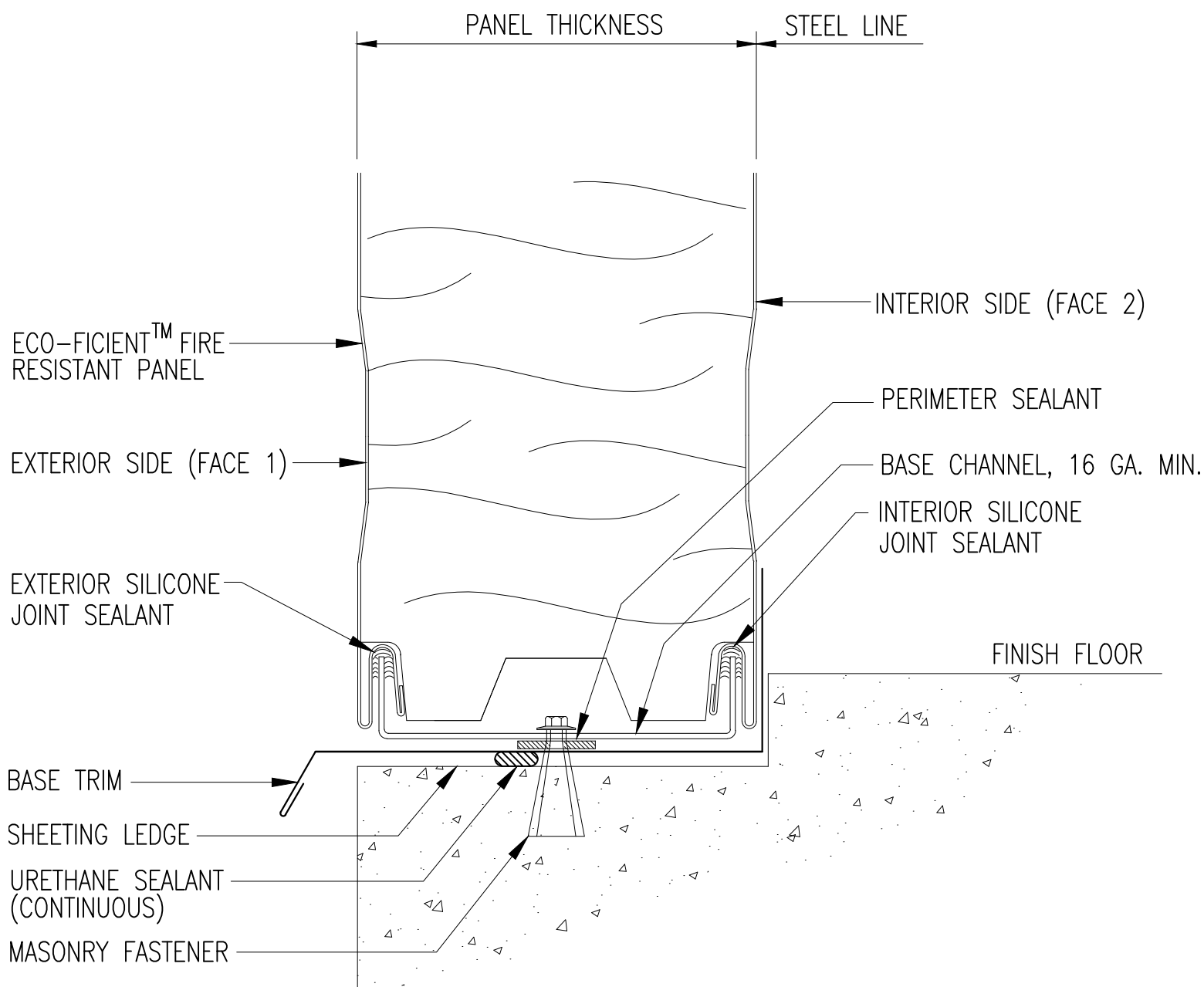
VERTICAL PANEL – STACK JOINT DETAIL

NOTES:

1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.

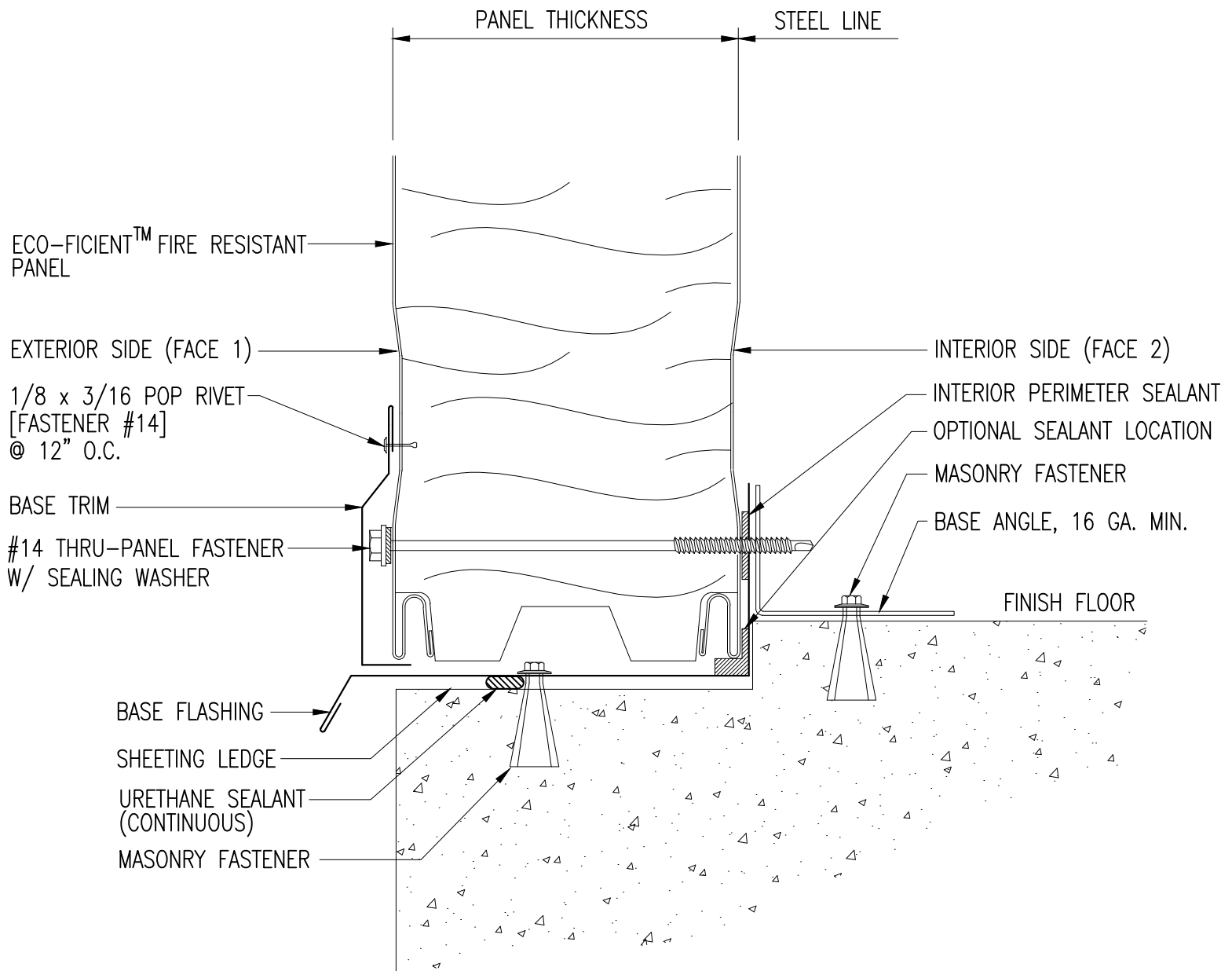


WALL/ROOF INTERSECTION DETAIL



HORIZONTAL PANEL — BASE DETAIL (W/ BASE CHANNEL)

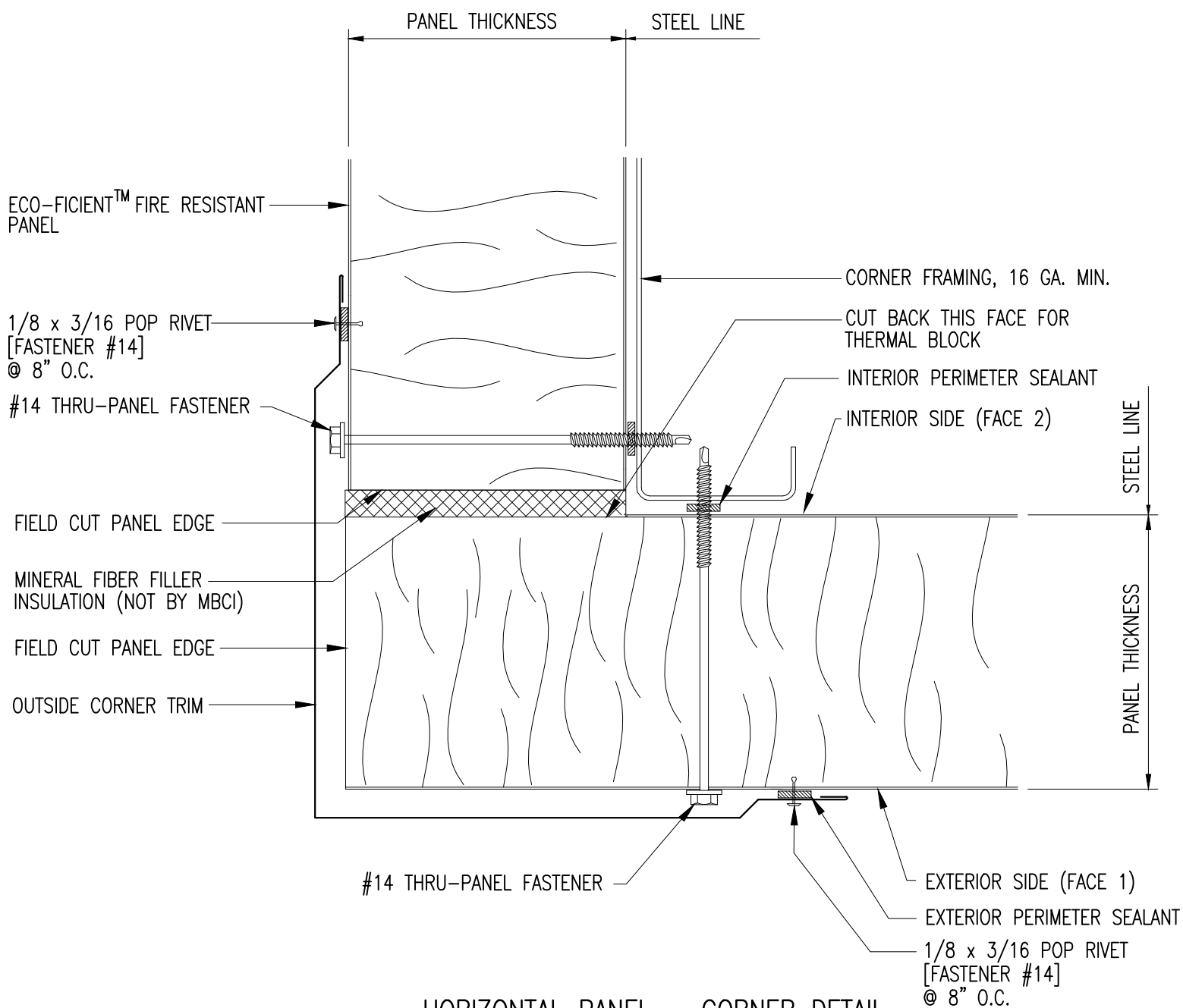
NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL'S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.



HORIZONTAL PANEL – BASE DETAIL (THRU-PANEL FASTENED)

NOTES:

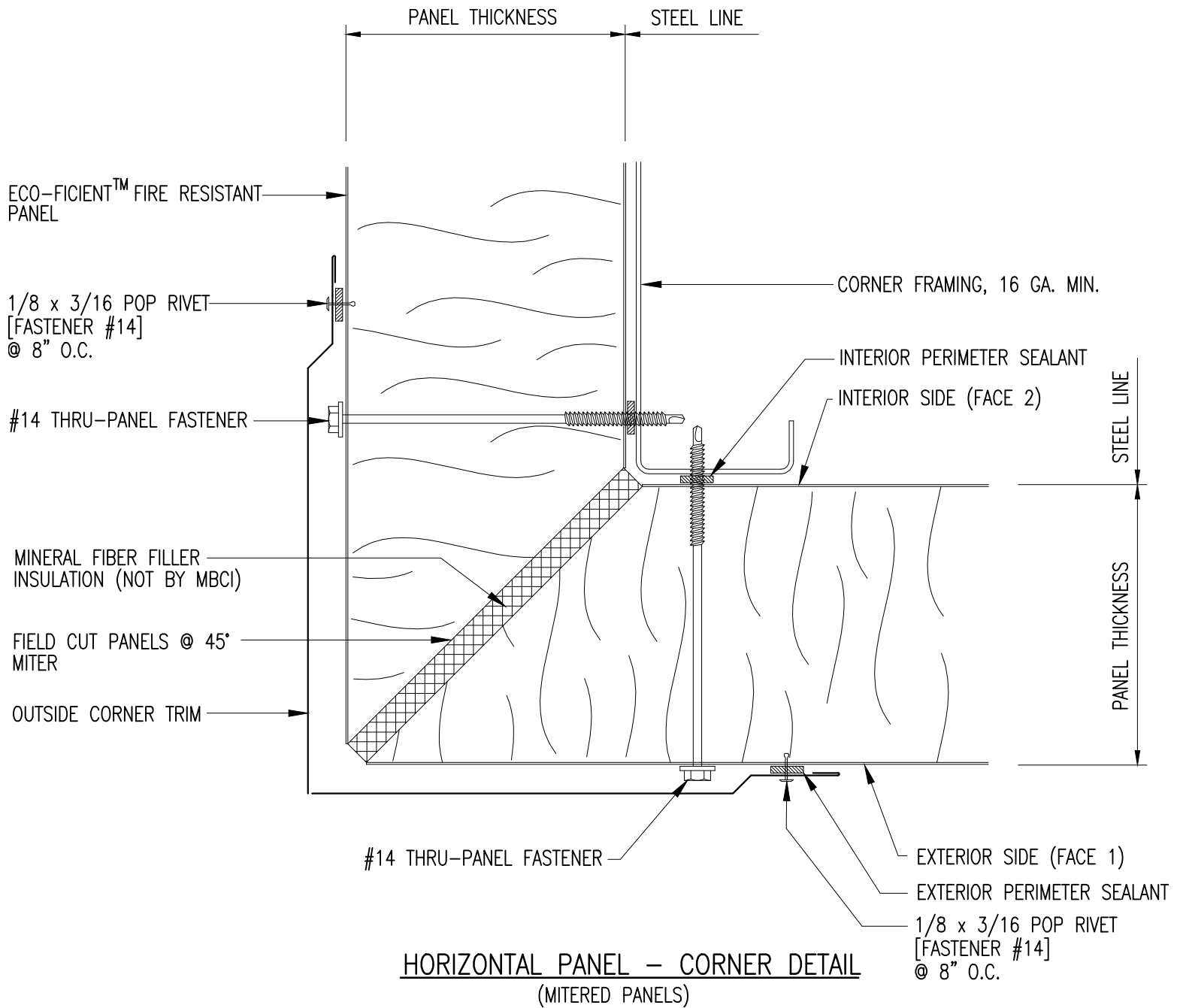
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



HORIZONTAL PANEL – CORNER DETAIL (SQUARE CUT PANELS)

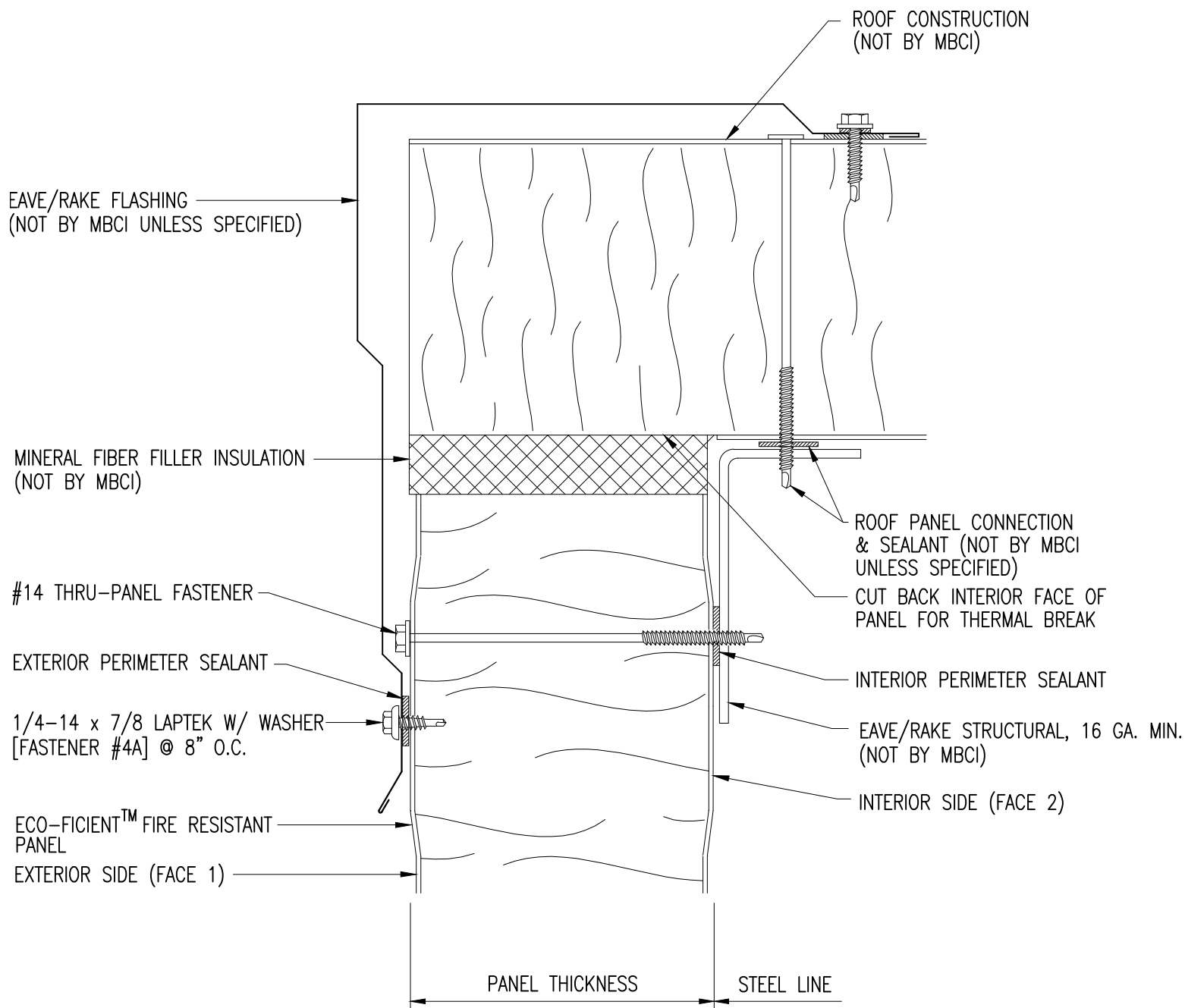
NOTES:

1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.



NOTES:

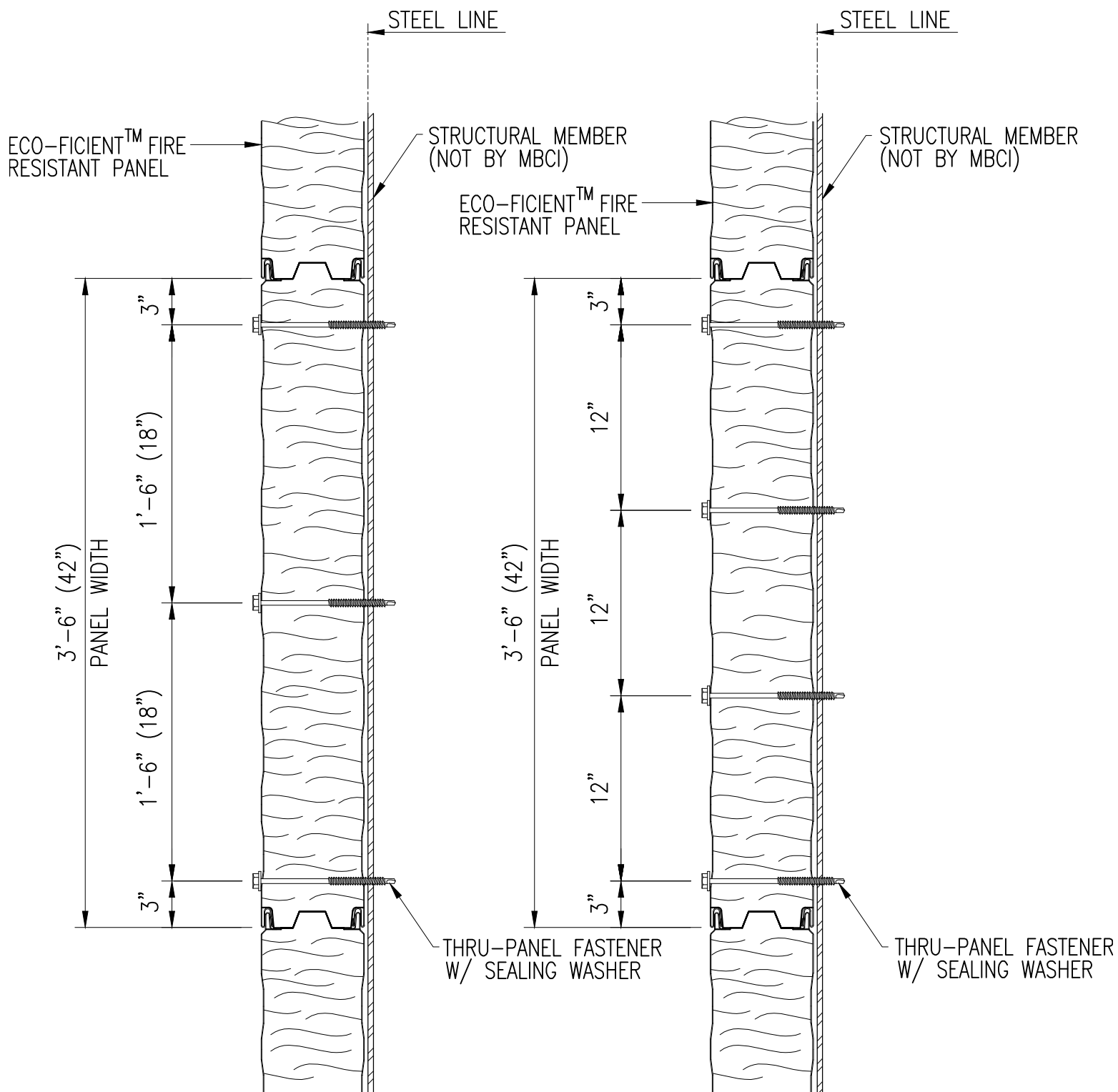
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.



HORIZONTAL PANEL – EAVE/RAKE DETAIL

NOTES:

1. FIRE PROTECTION OF THE EAVE/RAKE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM'S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.

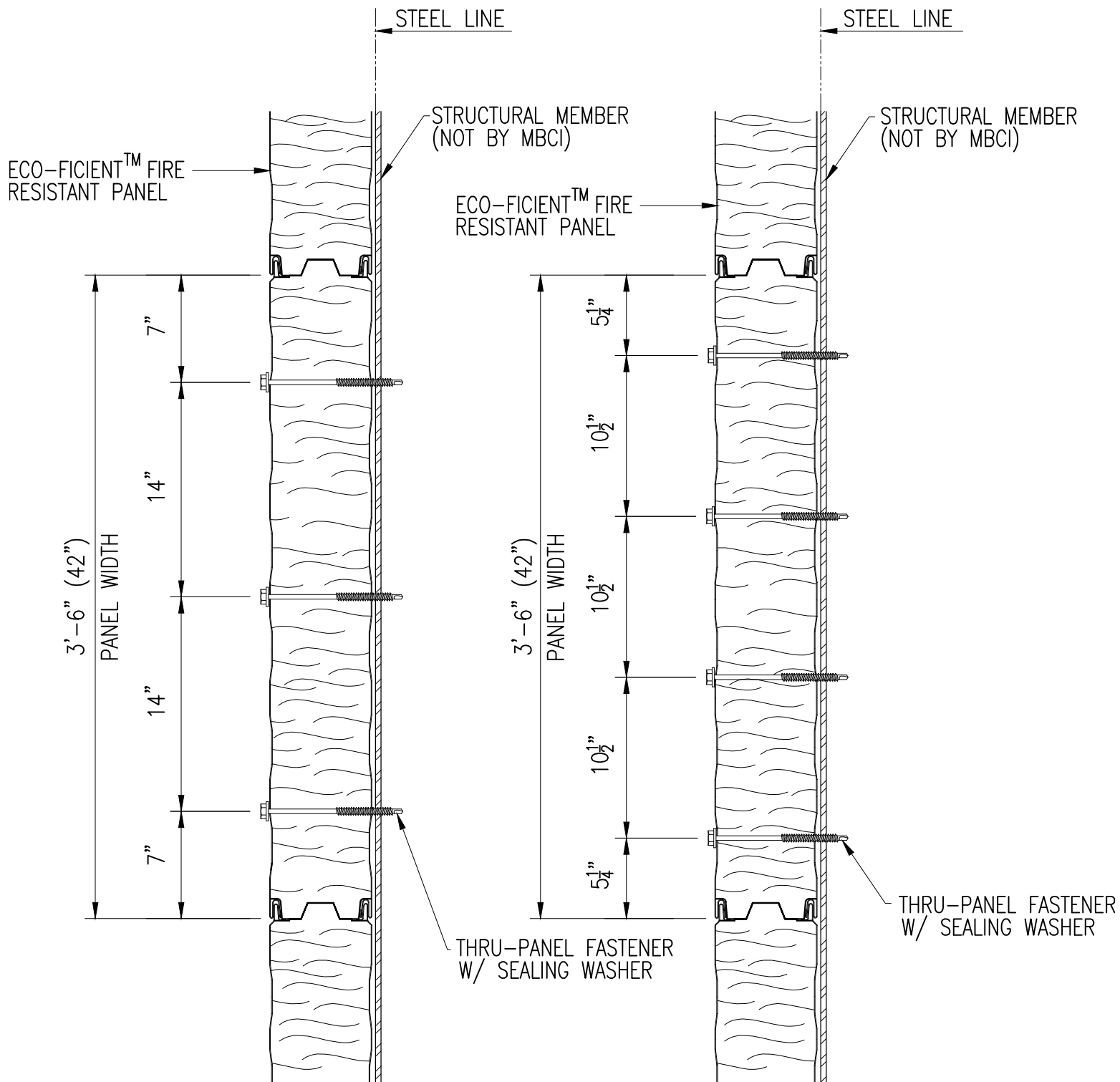


FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL
THRU PANEL FASTENER PATTERNS
 (@ VERTICAL JOINT & CORNER STRUCTURAL)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER
 SPECIFIC PROJECT DESIGN REQUIREMENTS.

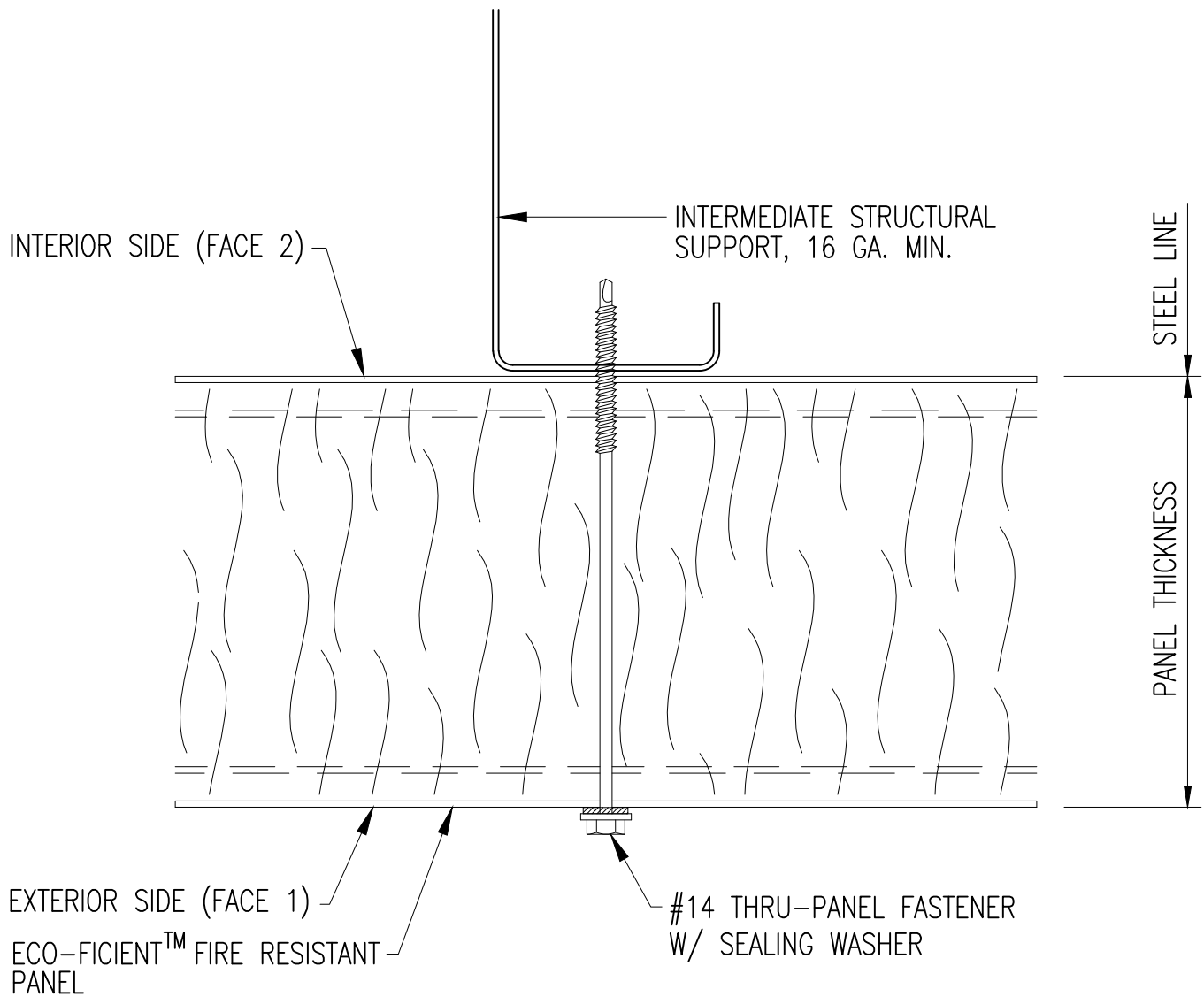


FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL
THRU PANEL FASTENER PATTERNS
 (@ INTERMEDIATE SUPPORTS)

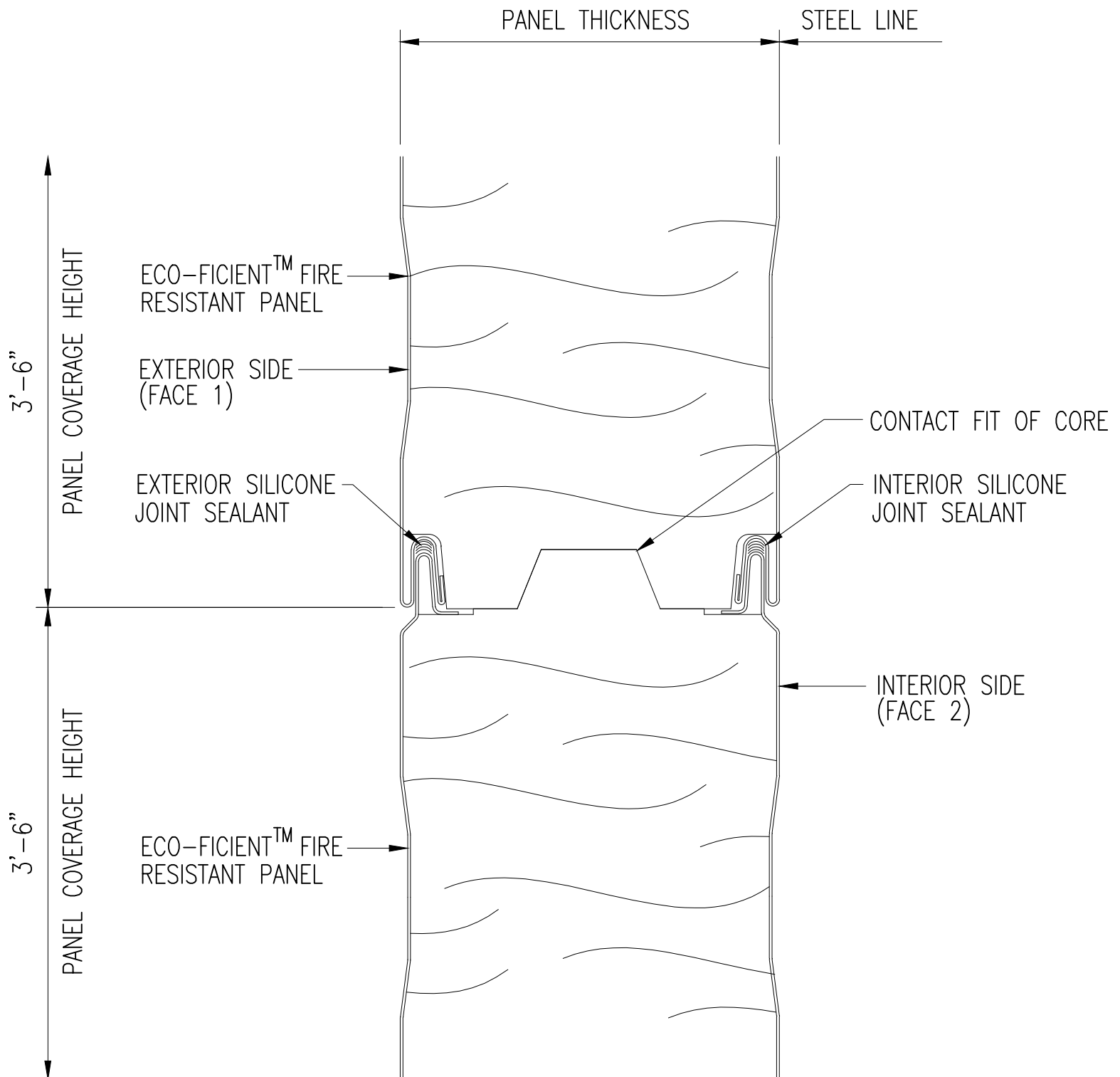
NOTE: FASTENER PATTERNS TO BE DETERMINED PER
 SPECIFIC PROJECT DESIGN REQUIREMENTS.



HORIZONTAL PANEL INTERMEDIATE SUPPORT DETAIL

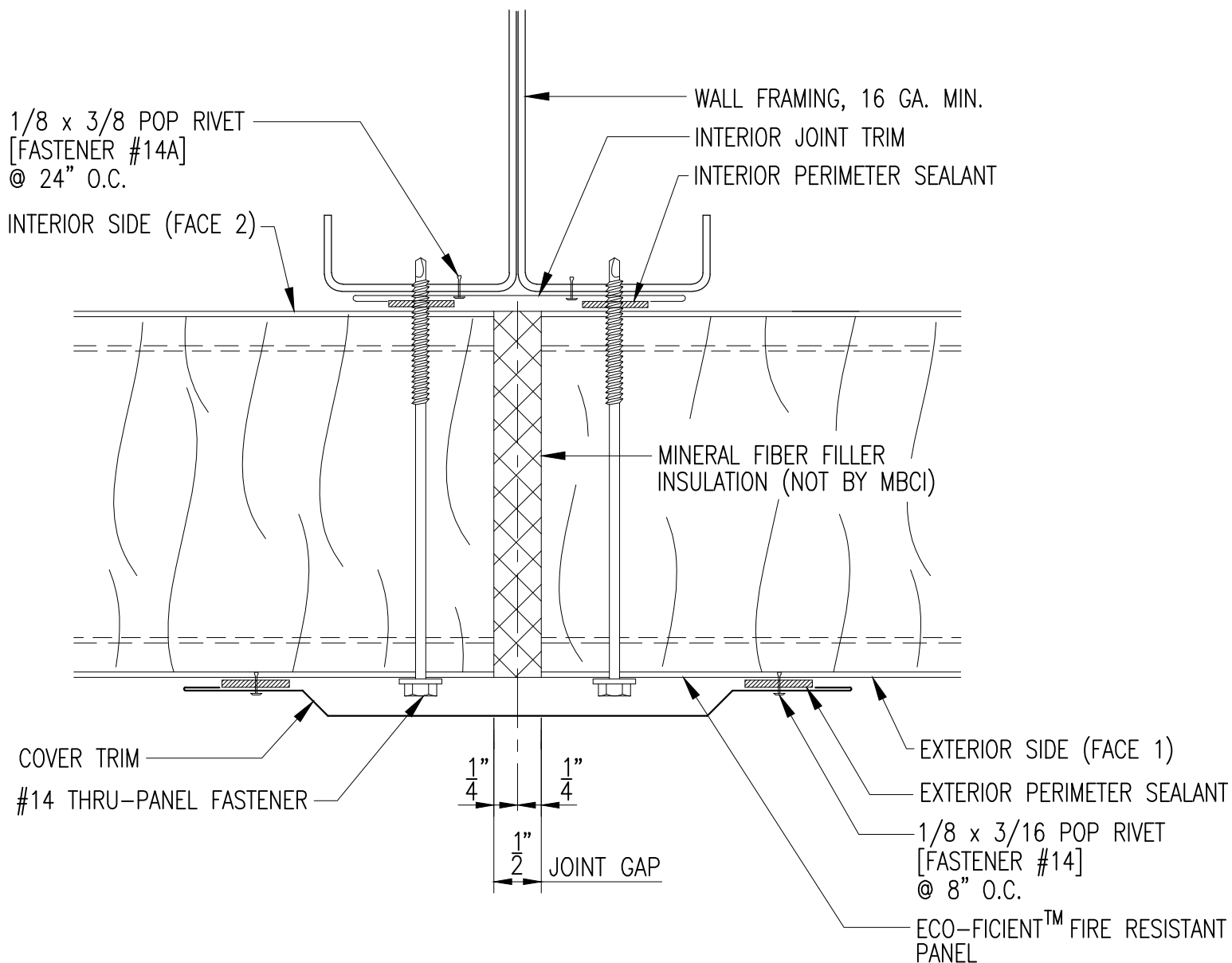
NOTE:

FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.



HORIZONTAL PANEL JOINT

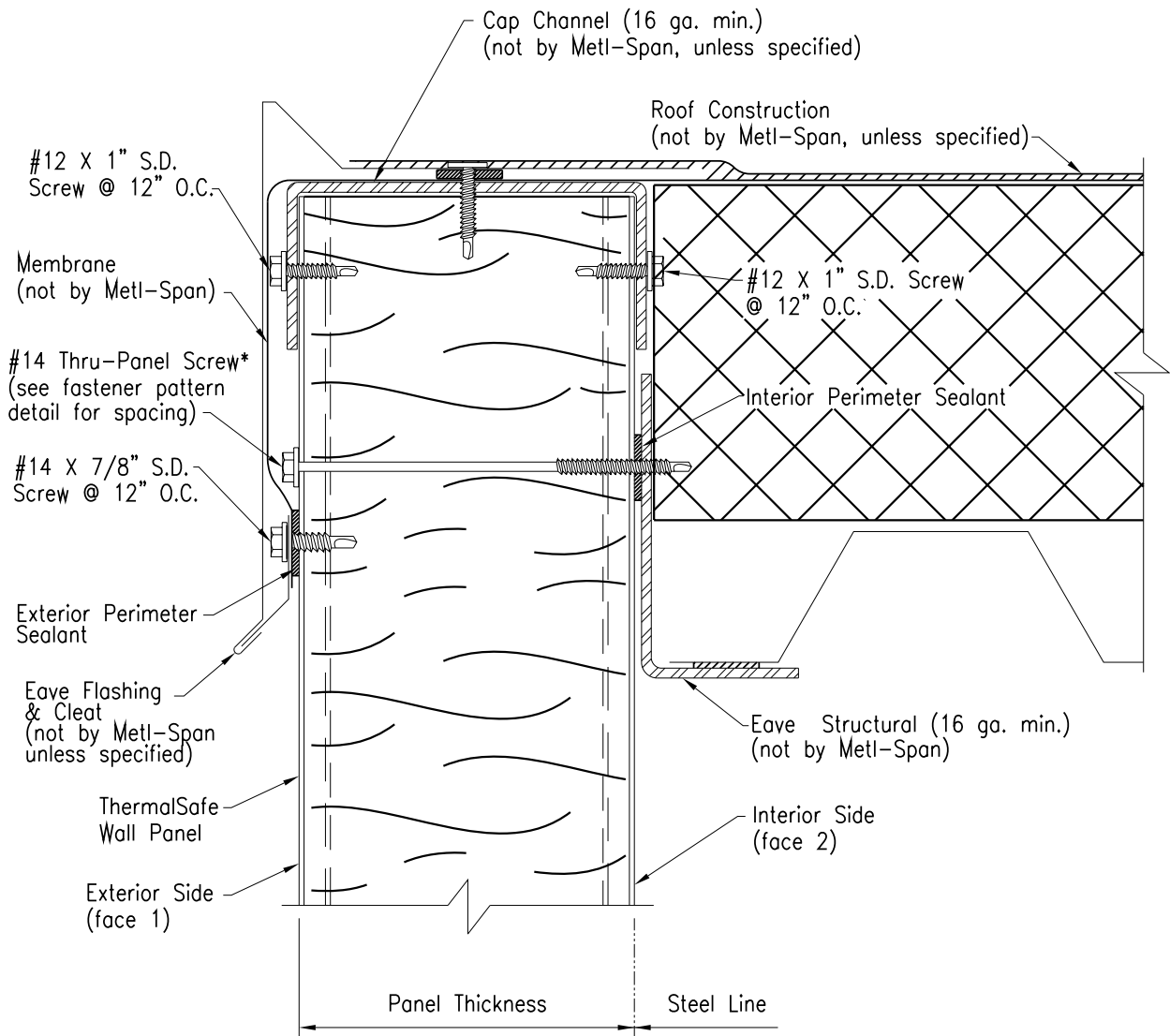
NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL'S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.



HORIZONTAL PANEL – VERTICAL JOINT DETAIL

NOTES:

1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.



Vertical Panel-Eave Detail
(Membrane Roof Construction)

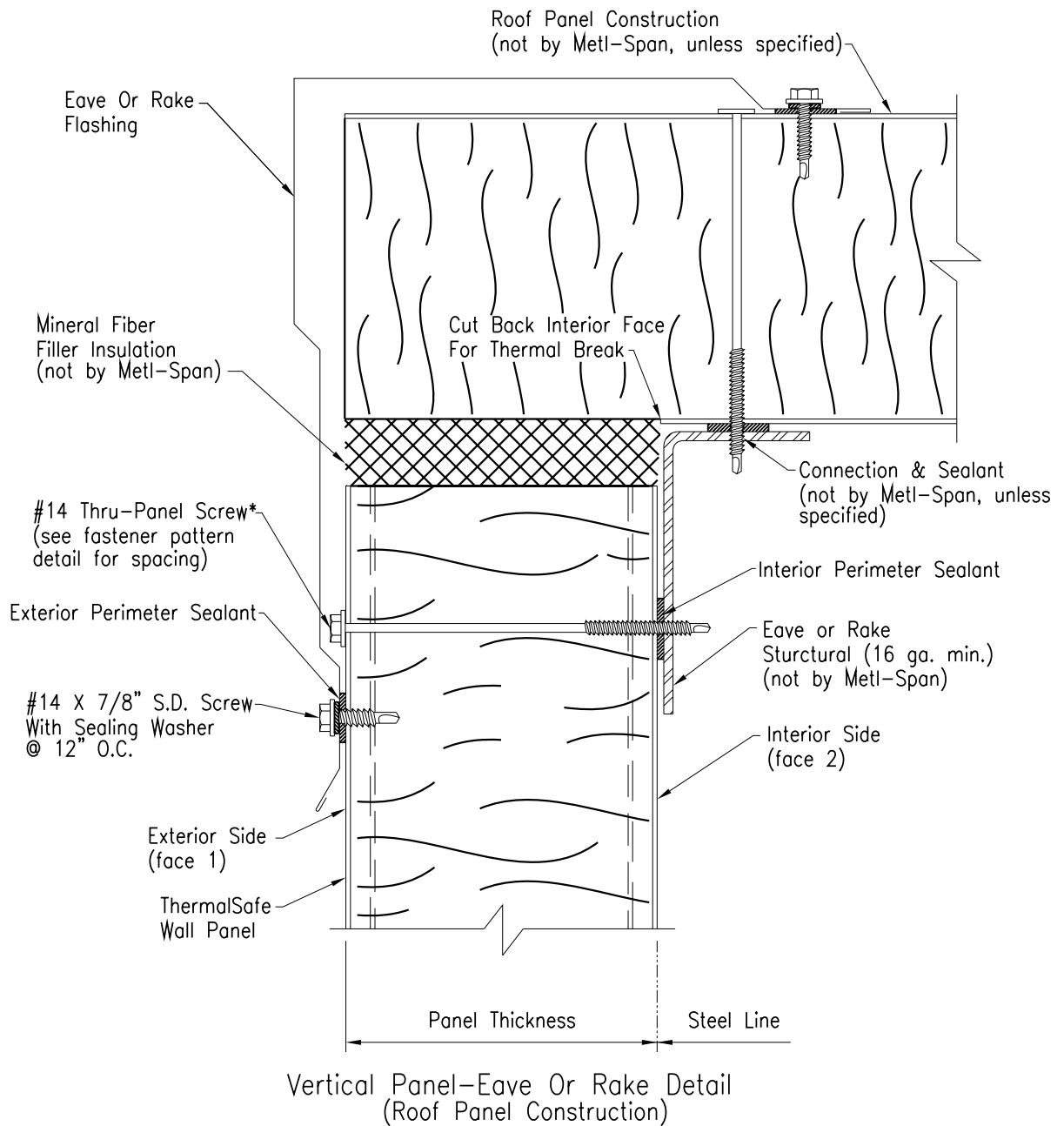
- Notes:
1. Fire protection of the eave structural may be required, subject to the project's building code requirements. Fire protection of the structural members is not by Metl-Span.
 2. *Fastener type is subject to the eave structural material and the panel thickness.
 3. To conform to the requirements of the ASTM E119 fire resistance rating, the filler insulation must have an approved classification marking for surface burning characteristics or fire resistance.
 4. Reference the roof system's erection drawings for specific construction details.

**EXTERIOR EAVE
DETAIL**

**APPLICATION:
AMBIENT**

TCI-EE-01

DATE: August 8, 2012



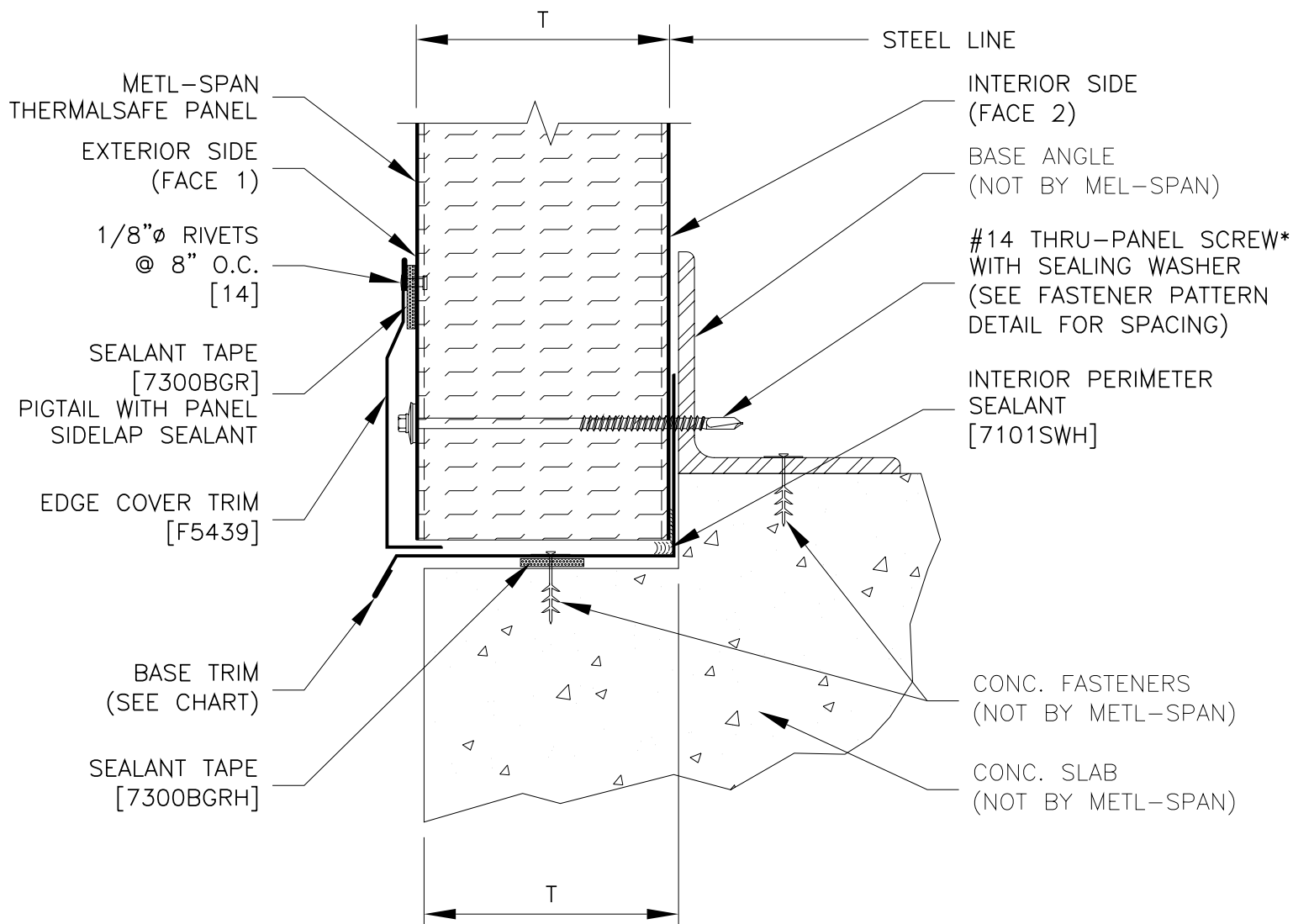
- Notes:
1. Fire protection of the rake and eave structural may be required, subject to the project's building code requirements. Fire protection of the structural members is not by Metl-Span.
 2. *Fastener type is subject to the eave or rake structural material and the panel thickness.
 3. To conform to the requirements of the ASTM E119 fire resistance rating, the filler insulation must have an approved classification marking for surface burning characteristics or fire resistance.
 4. Reference the roof system's erection drawings for specific construction details.

**EXTERIOR
EAVE/RAKE DETAIL**

**APPLICATION:
AMBIENT**

TCI-EE-02

DATE: August 8, 2012



BASE TRIM

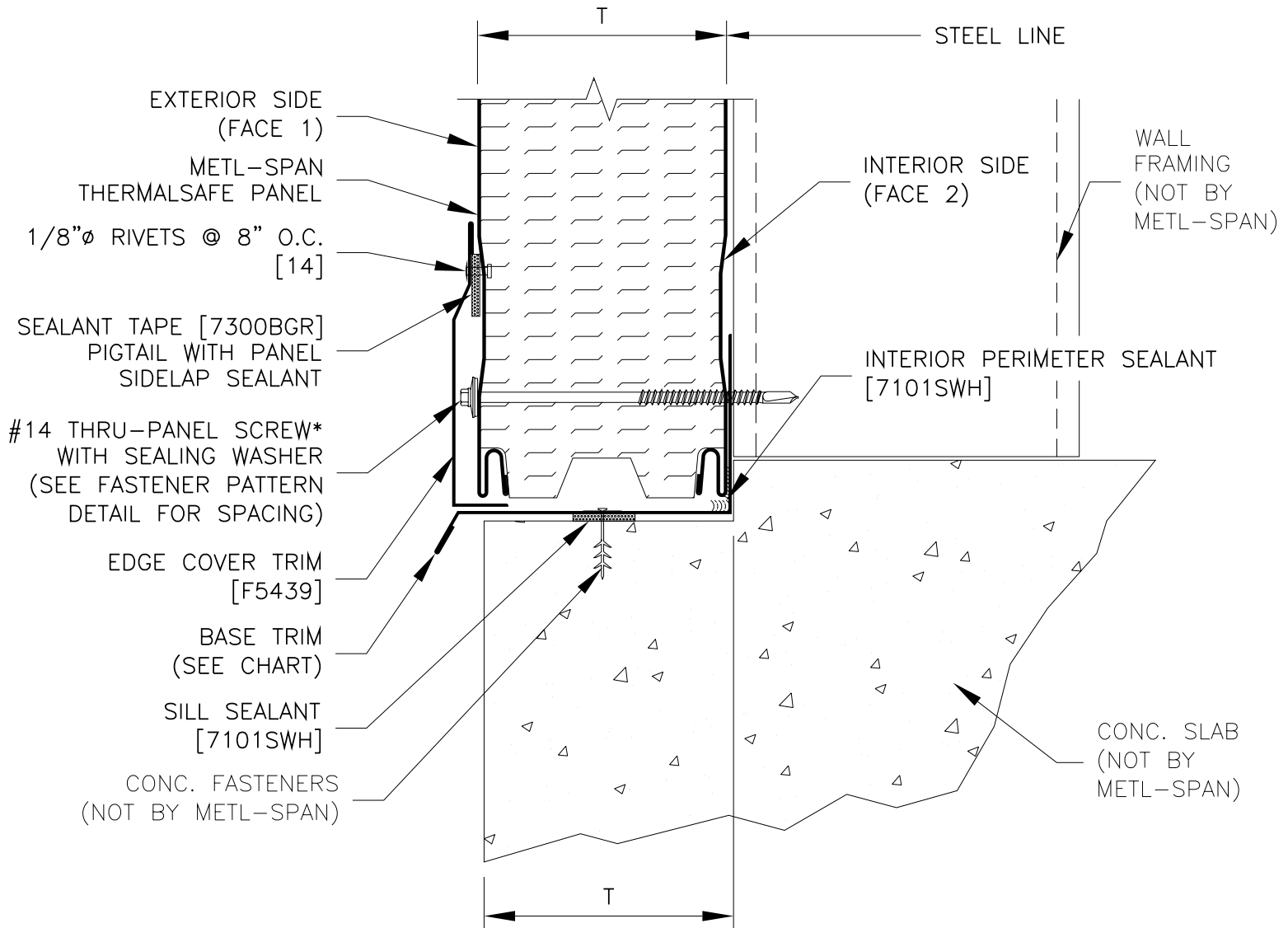
T	PIECE MARK
4"	F5090
5"	F5091
6"	F5092
7"	F5093
8"	F5094

- NOTES:
1. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
 2. * FASTENER TYPE IS SUBJECT TO BASE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
 3. THIS DETAIL PROVIDES FOR THE WALL ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.

COMMERCIAL AND
INDUSTRIAL

BASE DETAIL - BASE ANGLE
VERTICAL THERMALSAFE PANEL

TSW01001
DATE: 02-07-2014



NOTES:

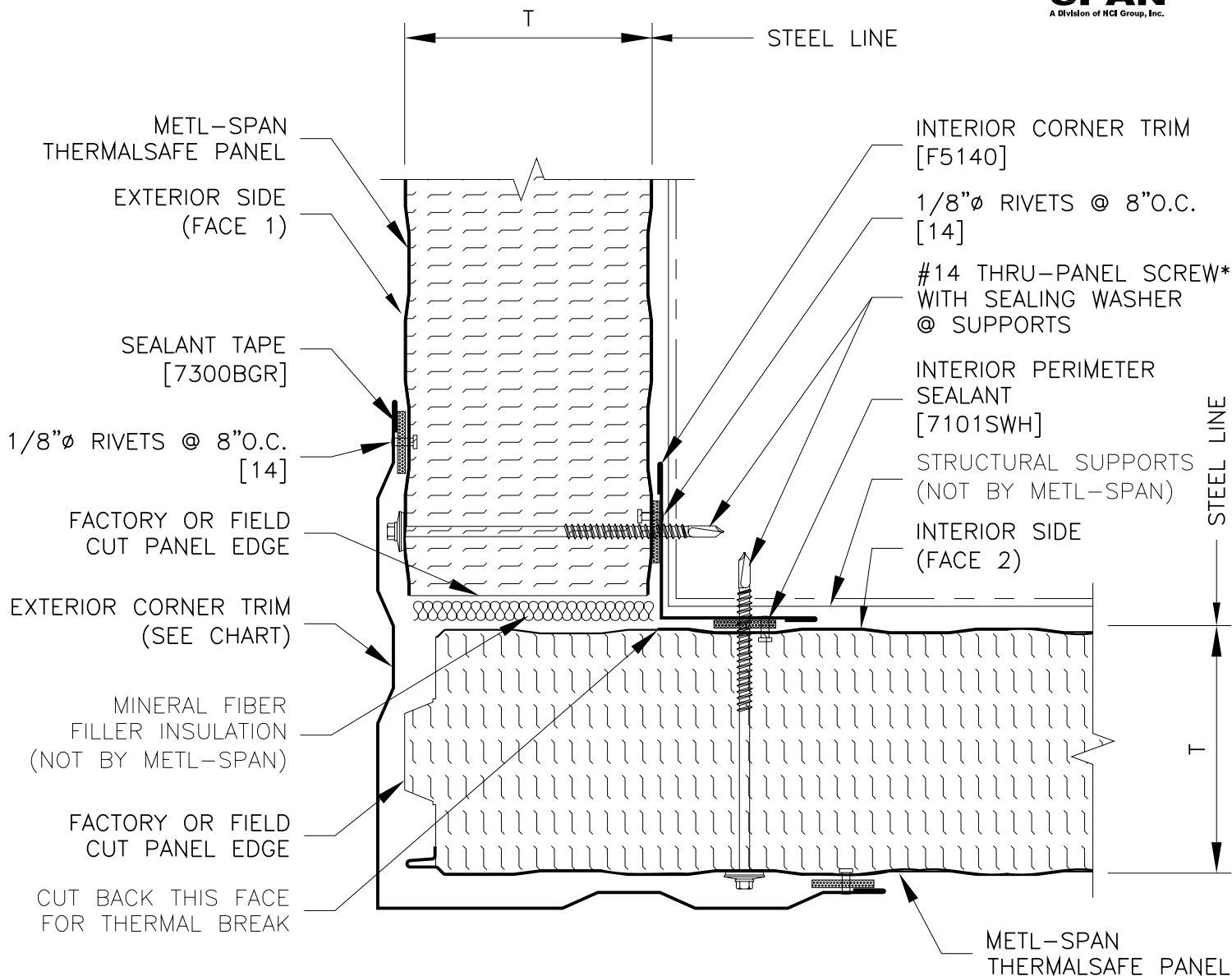
1. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
2. * FASTENER TYPE IS SUBJECT TO BASE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
3. THIS DETAIL PROVIDES FOR THE WALL ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.

BASE TRIM	
T	PIECE MARK
4"	F5090
5"	F5091
6"	F5092
7"	F5093
8"	F5094

COMMERCIAL AND
INDUSTRIAL

BASE DETAIL
HORIZONTAL THERMSAFE PANEL

TSW01101
DATE: 02-07-2014



NOTES:

1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. * FASTENER TYPE IS SUBJECT TO THE CORNER STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

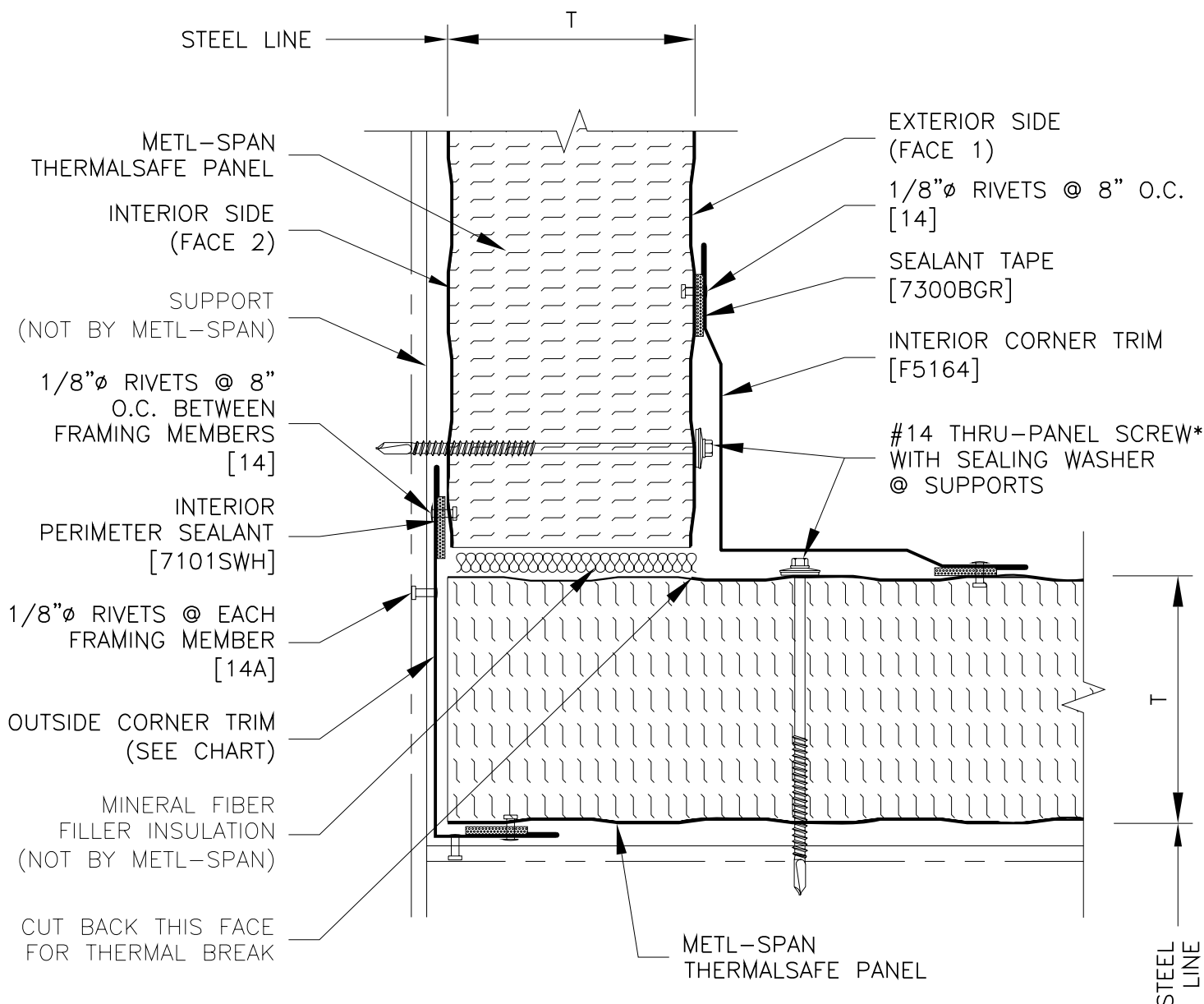
OUTSIDE CORNER TRIM

T	PIECE MARK
4"	F5178
5"	F5180
6"	F5182
7"	F5184
8"	F5186

**COMMERCIAL AND
INDUSTRIAL**

**OUTSIDE CORNER
VERTICAL THERMSAFE PANEL**

TSW02001
DATE: 02-07-2014



NOTES:

1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. * FASTENER TYPE IS SUBJECT TO THE CORNER STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

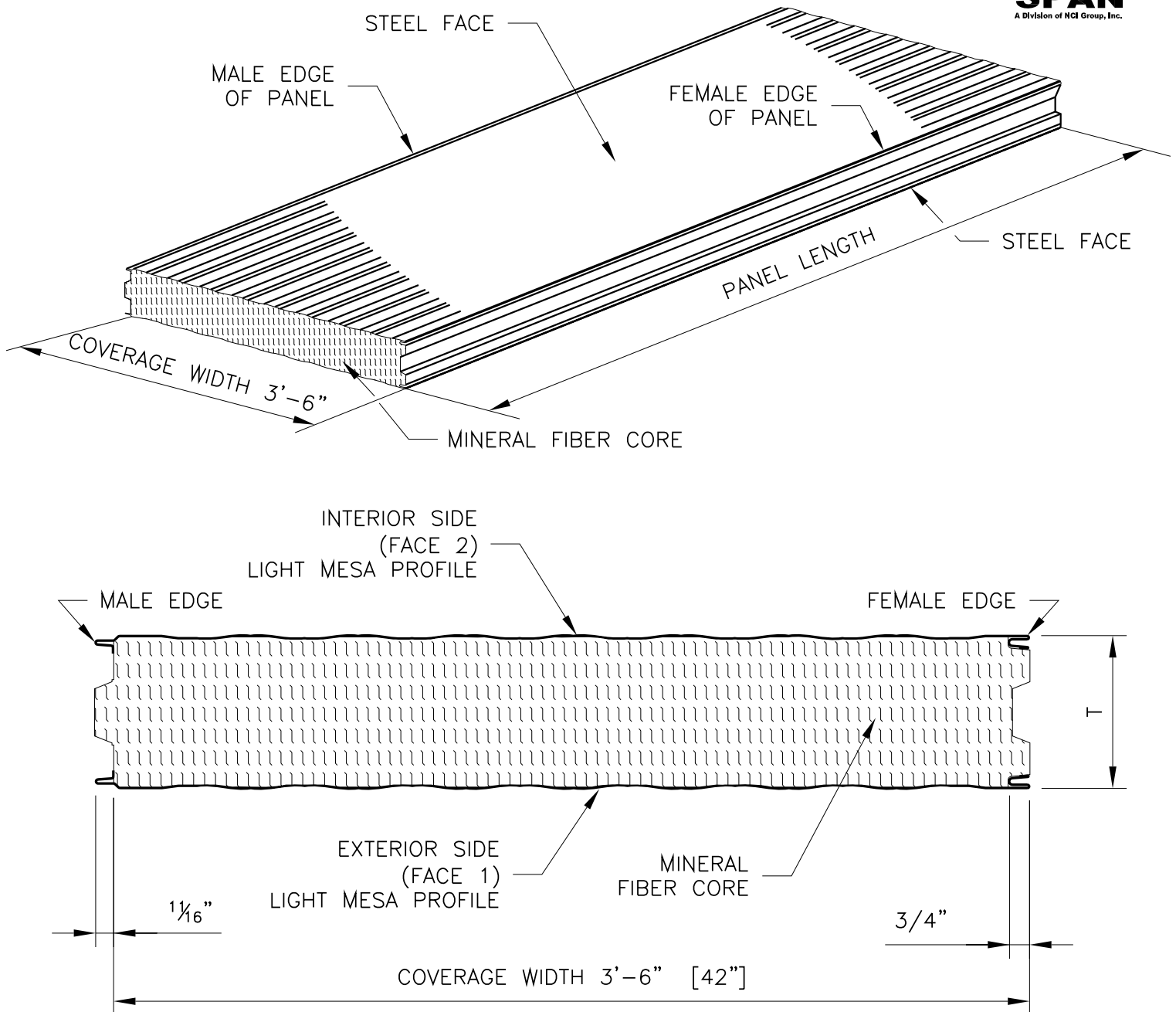
OUTSIDE CORNER TRIM

T	PIECE MARK
4"	F5113
5"	F5126
6"	F5127
7"	F5133
8"	F5134

COMMERCIAL AND
INDUSTRIAL

INSIDE CORNER
VERTICAL THERMSAFE PANEL

TSW02005
DATE: 02-07-2014



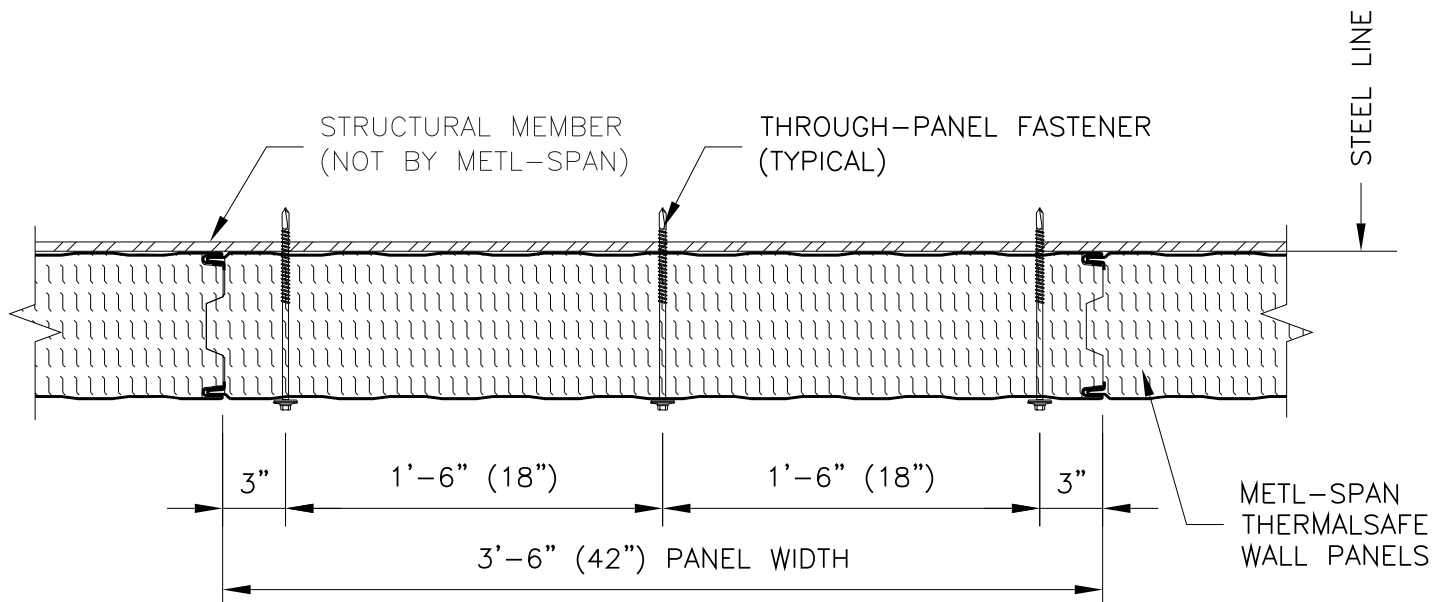
NOTES: 1. FACE OPTIONS = 26 OR 24 GAGE G-90 GALVANIZED STEEL, EMBOSSED OR SMOOTH WITH PAINTED FINISH.

T
4"
5"
6"
7"
8"

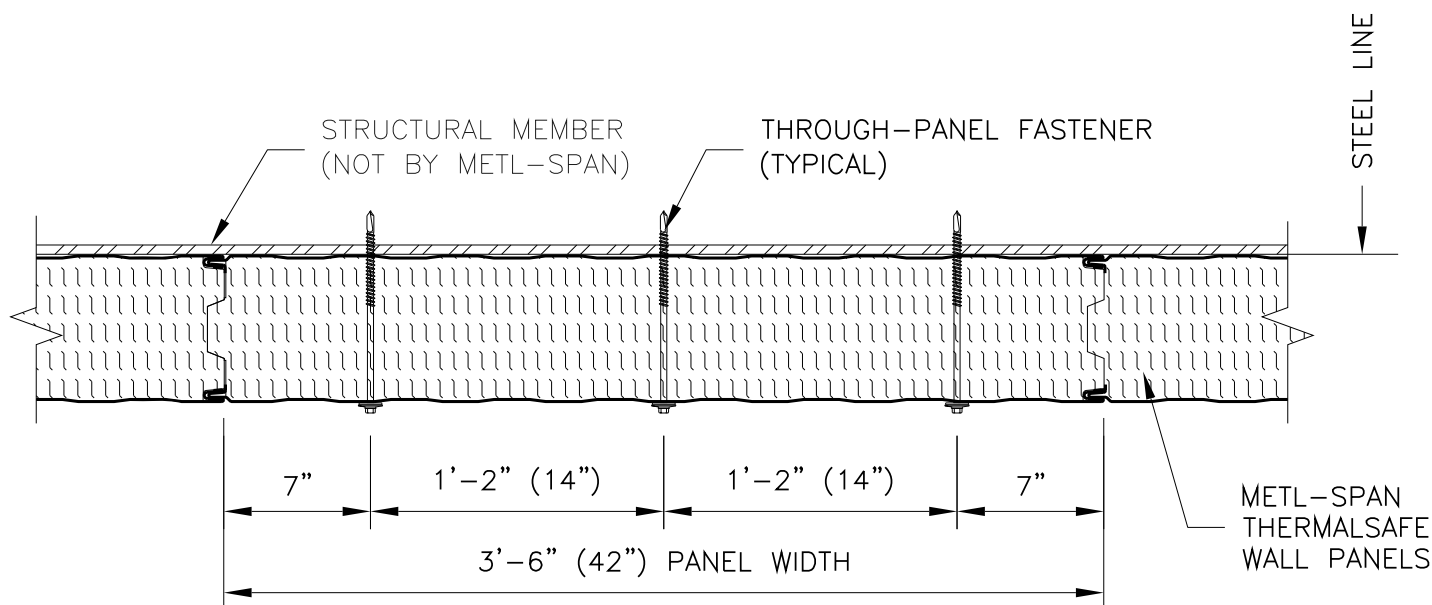
COMMERCIAL AND
INDUSTRIAL

CROSS SECTION
THERMALS SAFE PANEL

TSW03001
DATE: 02-07-2014



END CONDITION



INTERMEDIATE CONDITION

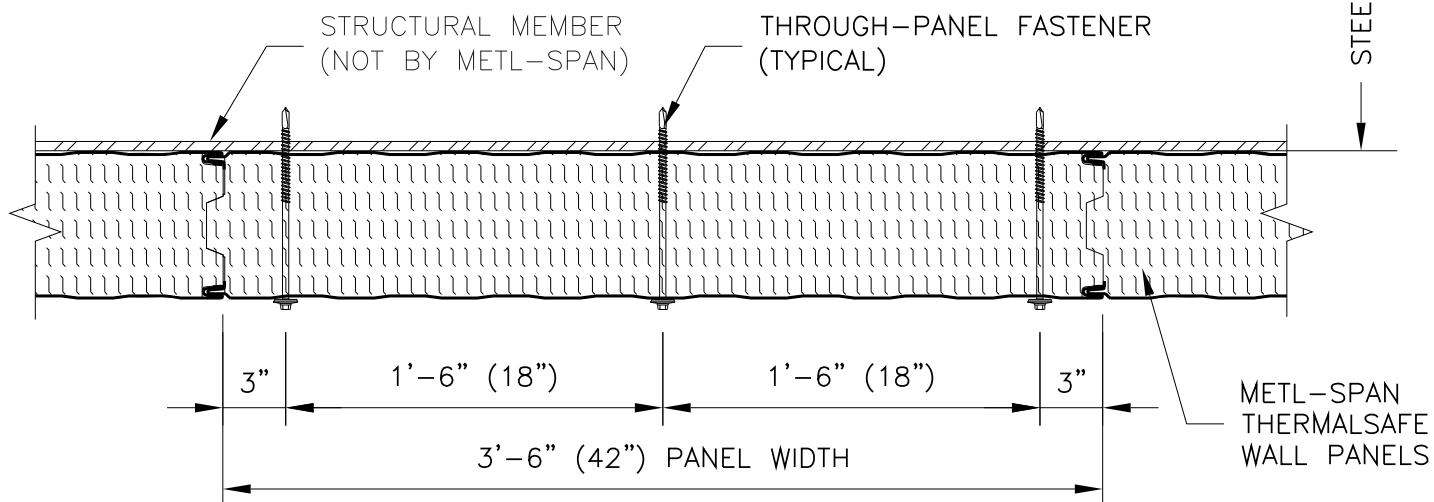
VERTICAL PANEL – THROUGH PANEL FASTENER PATTERNS TSFP1

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.

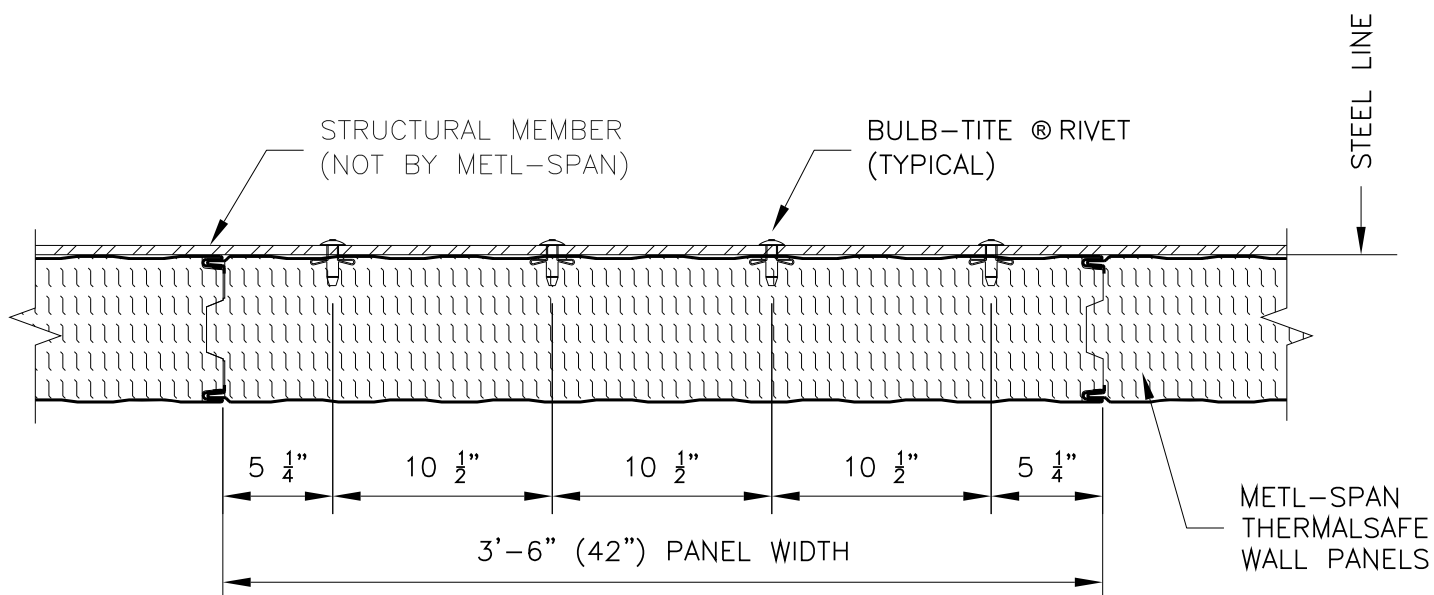
COMMERCIAL AND
INDUSTRIAL

FASTENER PATTERNS TSFP1
VERTICAL THERMSAFE PANEL

TSW03010
DATE: 03-11-2016



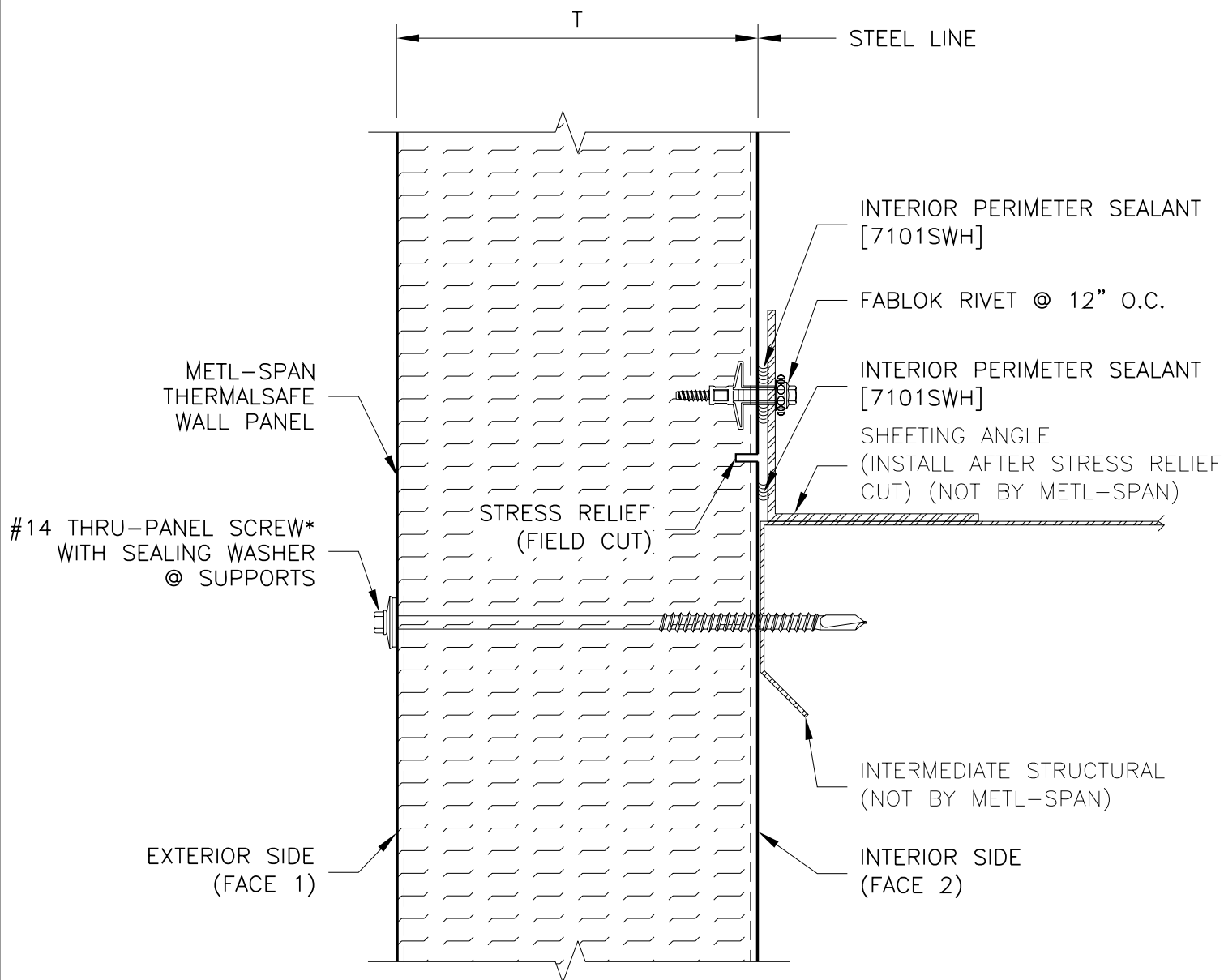
END CONDITION



INTERMEDIATE CONDITION

VERTICAL PANEL – FASTENER PATTERNS TSFP3

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.



- NOTES:
1. THERMAL STRESS CUT ON THE INTERIOR FACE MAY BE REQUIRED FOR SOME APPLICATIONS, SUBJECT TO THE PROJECT'S DESIGN AND OPERATING REQUIREMENTS.
 2. * FASTENER TYPE IS SUBJECT TO THE INTERMEDIATE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
 3. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY METL-SPAN.

T

4"

5"

6"

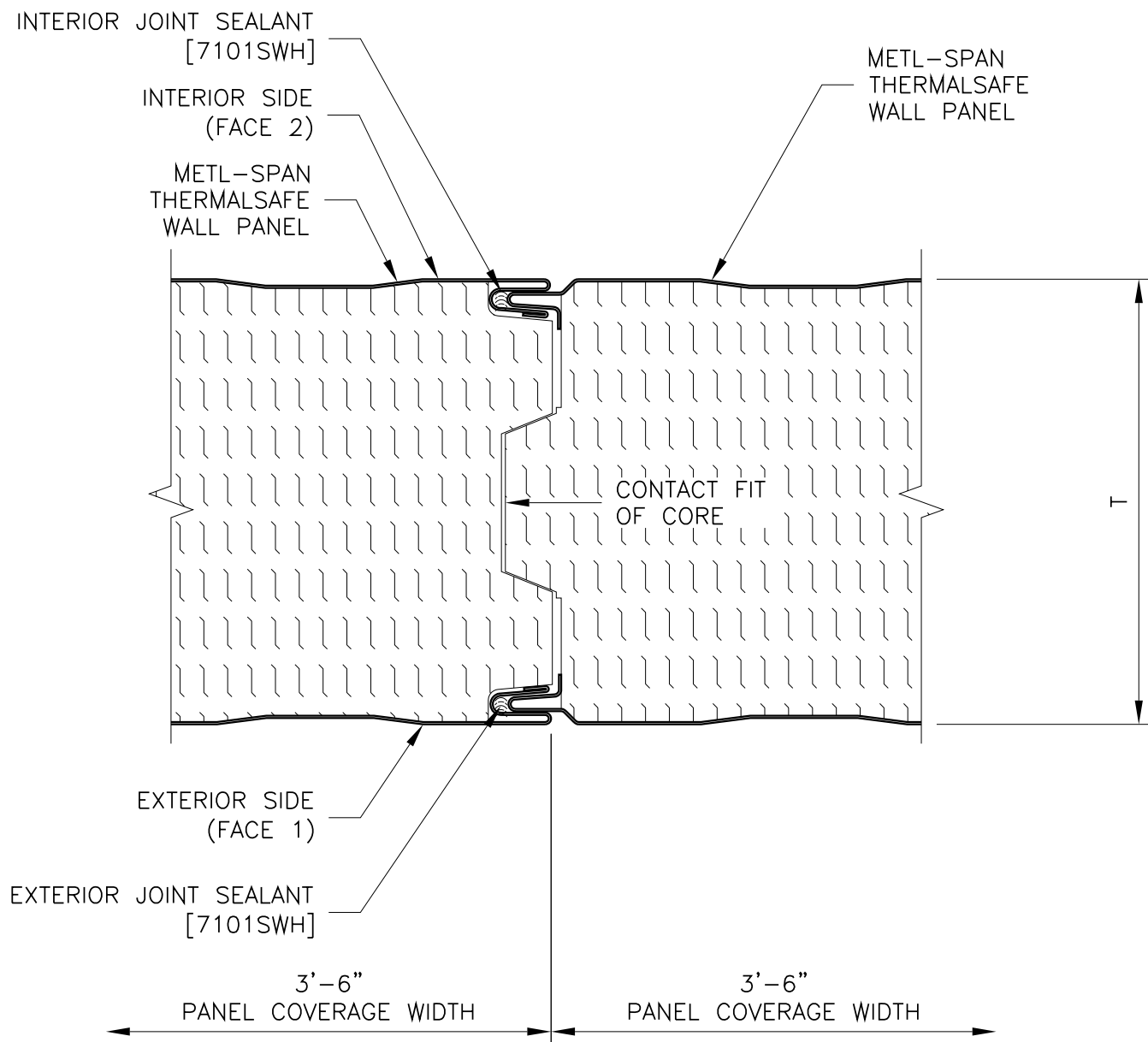
7"

8"

COMMERCIAL AND
INDUSTRIAL

INTERMEDIATE FASTENER ATTACHMENT THERMAL
STRESS RELIEF VERTICAL THERMALS SAFE PANEL

TSW03016
DATE: 02-07-2014

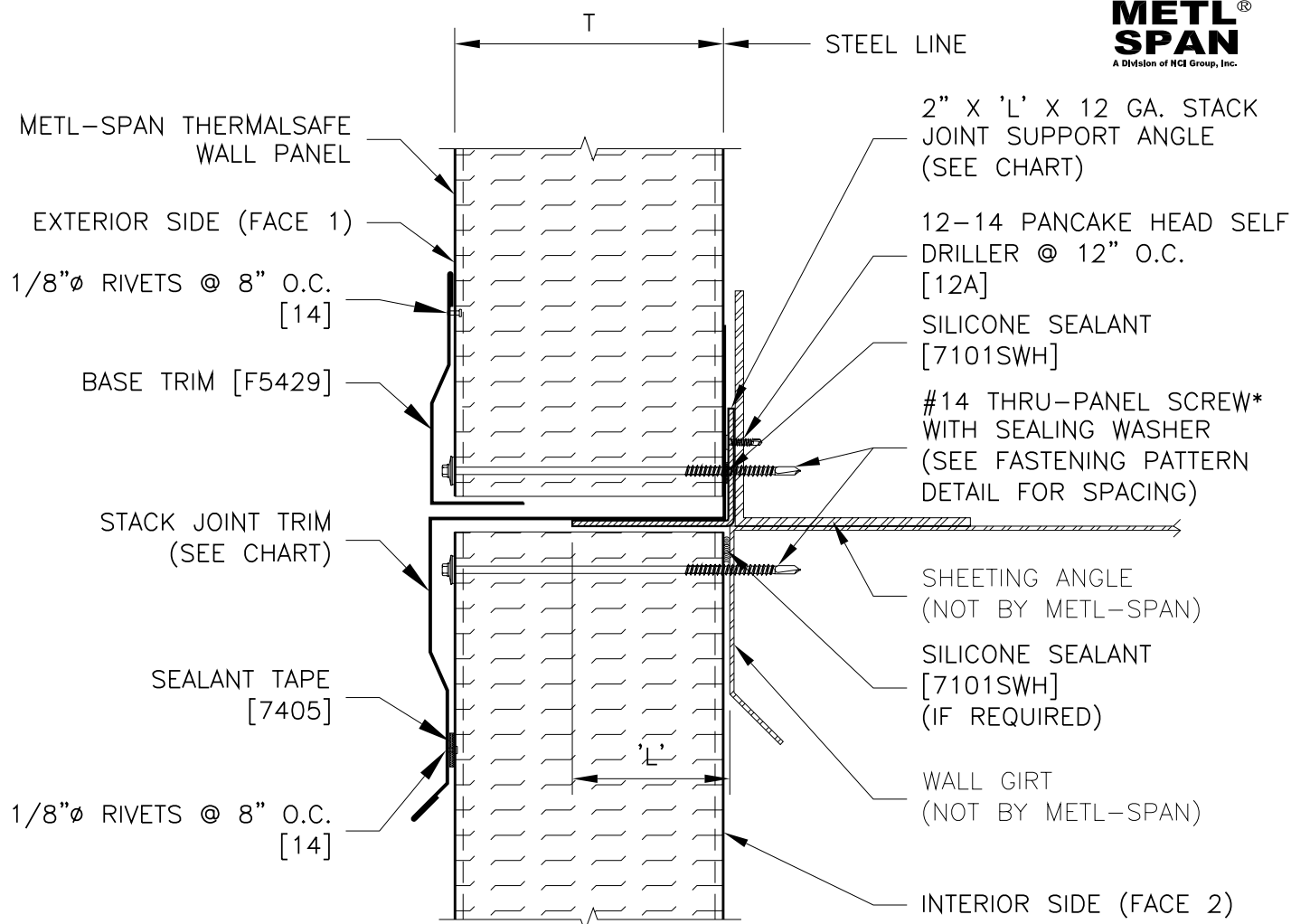


- NOTES:
1. IF JOINT SEALANTS ARE REQUIRED, THEY ARE SPECIFIED AS A SILICONE SEALANT IN ORDER TO CONFORM TO THE PANEL'S ASTM E-119 FIRE RESISTANCE RATING. SEALANT IS REQUIRED IN BOTH JOINTS IF THE PANEL IS EXTERIOR AND EXPOSED TO WIND AND DRIVEN RAIN.
 2. IF PANEL IS USED AS AN INTERIOR PARTITION, NO SEALANT IS NEEDED UNLESS A VAPOR BARRIER IS REQUIRED. IF VAPOR BARRIER IS REQUIRED, THE SEALANT SHOULD BE APPLIED ON THE WARMER SIDE OF THE PANEL.

COMMERCIAL AND
INDUSTRIAL

VERTICAL JOINT DETAIL
THERMSAFE PANEL

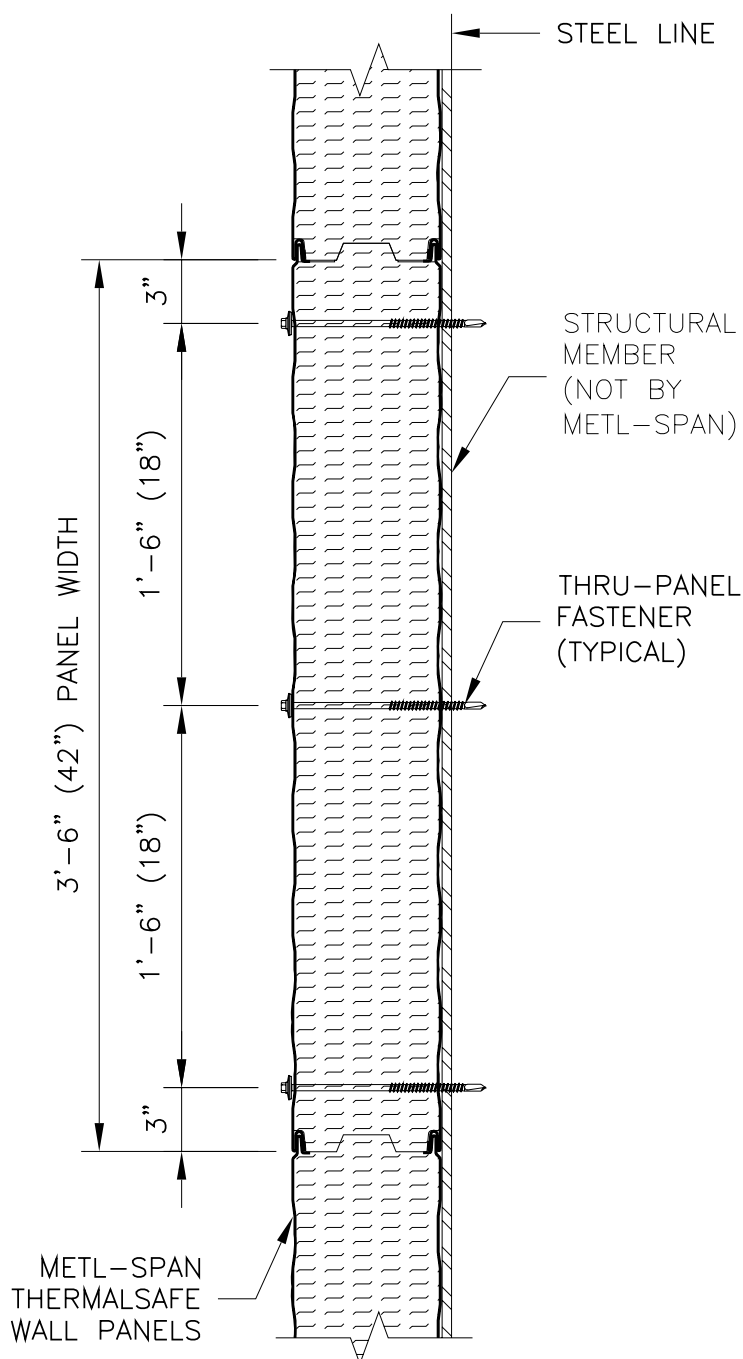
TSW03020
DATE: 02-07-2014



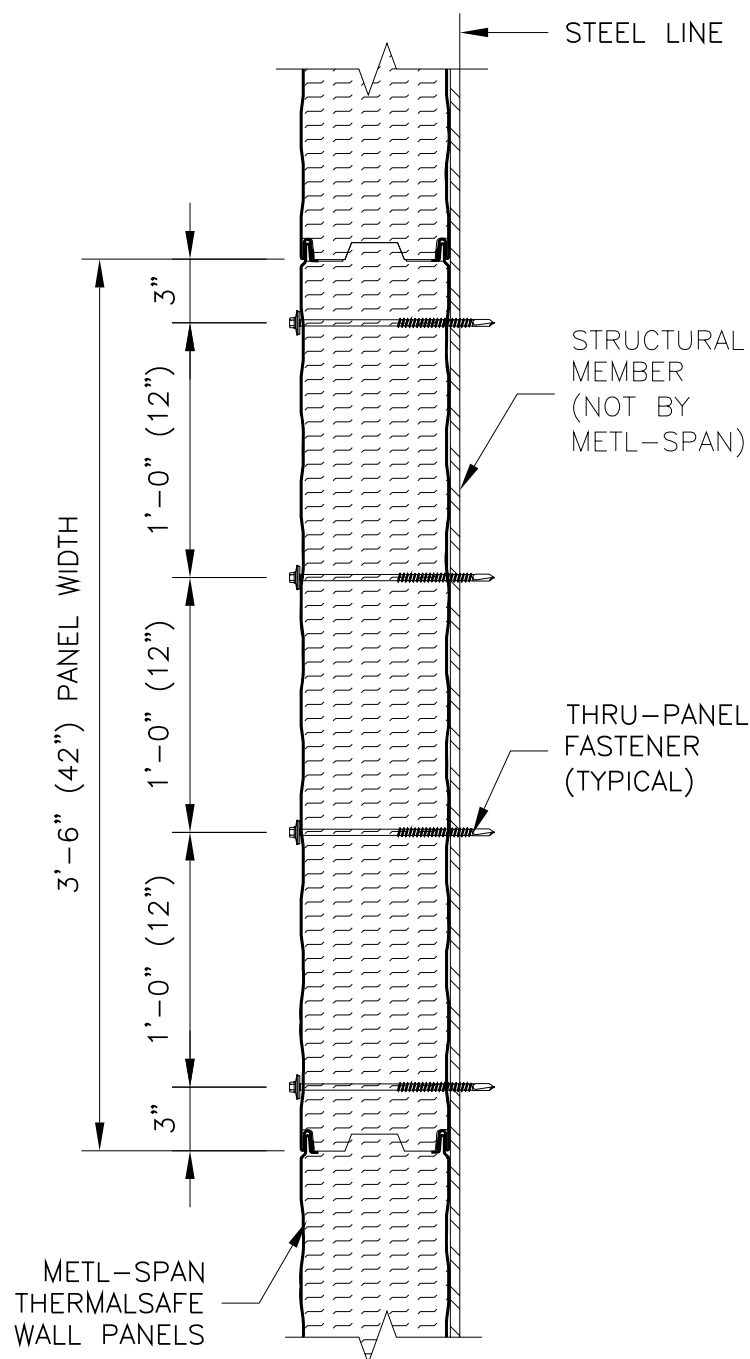
- NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
 2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
 3. * FASTENER TYPE IS SUBJECT TO THE SUPPORT STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

STACK JOINT TRIM		STACK JOINT ANGLE
T	PIECE MARK	'L'
4"	F5761	2½"
5"	F5763	3"
6"	F5765	3½"
7"	F5767	4"
8"	F5769	4½"

COMMERCIAL AND INDUSTRIAL	VERTICAL STACK JOINT THERMSAFE PANEL	TSW03022 DATE: 02-07-2014
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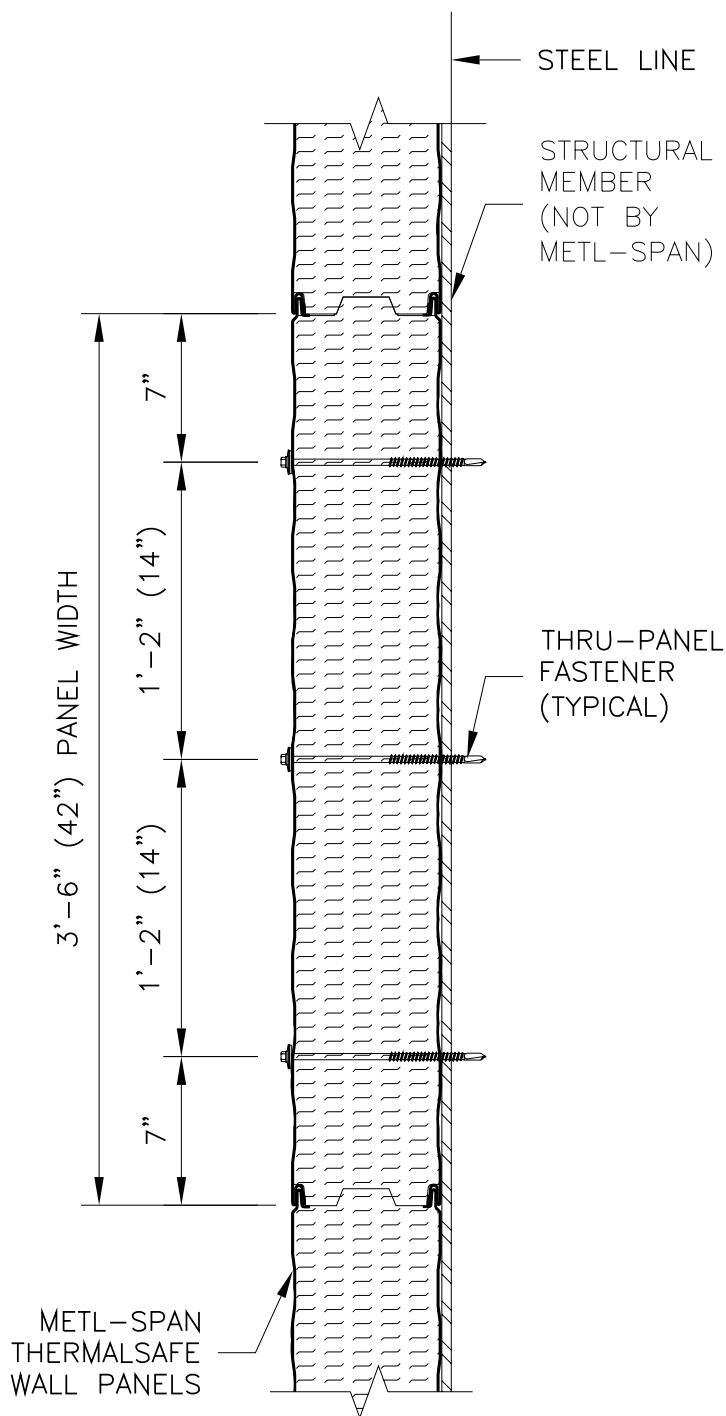
FASTENER PATTERN 1



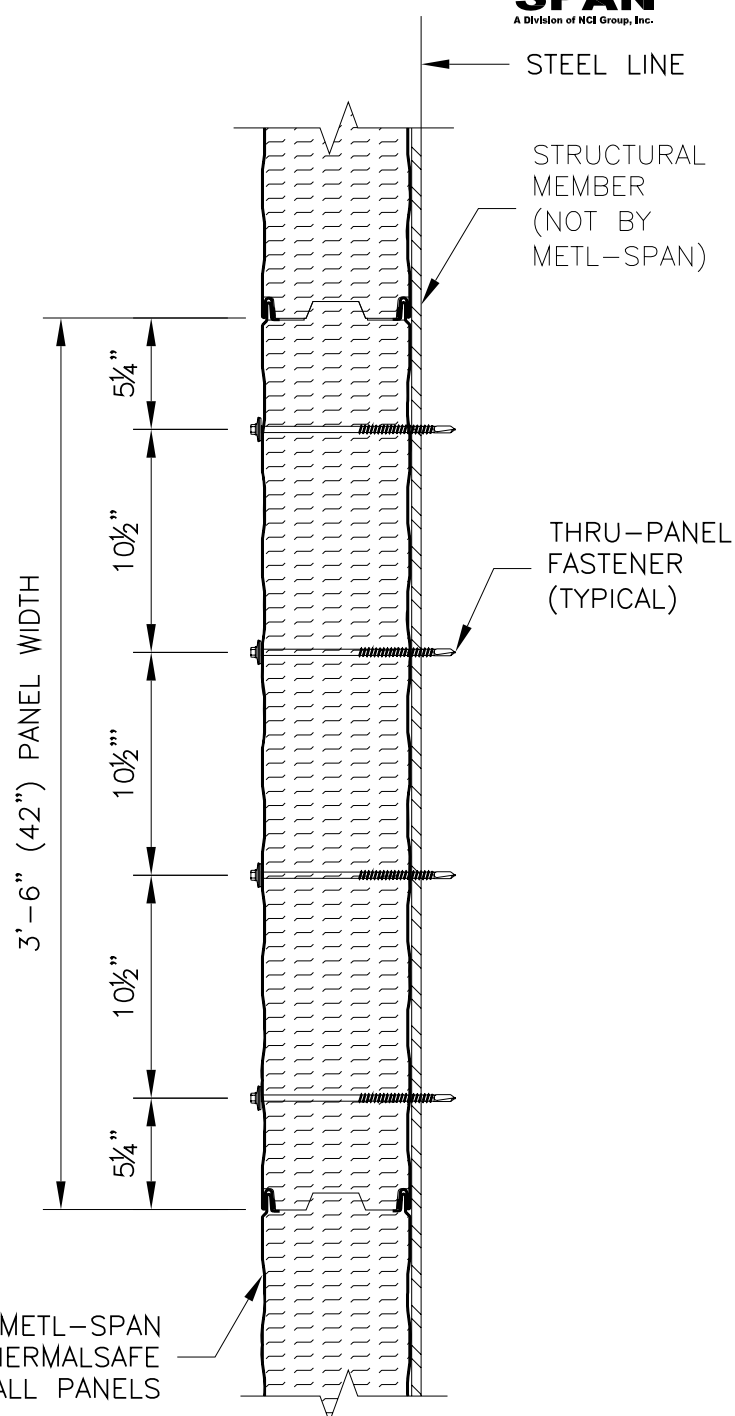
FASTENER PATTERN 2

HORIZONTAL PANEL – THRU PANEL FASTENER PATTERNS (@ VERTICAL JOINT AND CORNER STRUCTURAL)

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.



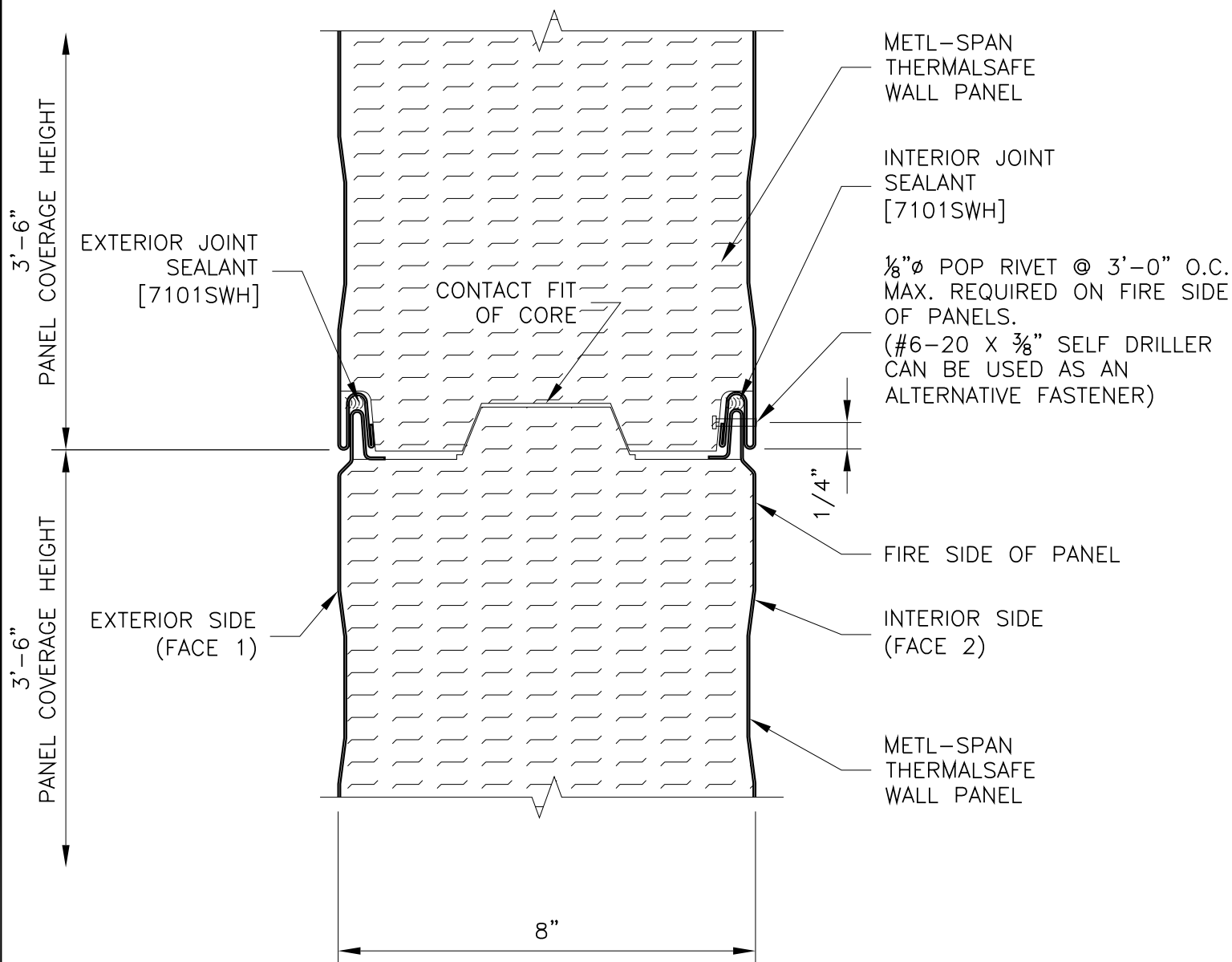
FASTENER PATTERN 1



FASTENER PATTERN 2

HORIZONTAL PANEL – THRU PANEL FASTENER PATTERNS (@ INTERMEDIATE SUPPORT STRUCTURALS)

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.



- NOTES:
1. IF JOINT SEALANTS ARE REQUIRED, THEY ARE SPECIFIED AS A SILICONE SEALANT IN ORDER TO CONFORM TO THE PANEL'S ASTM E-119 FIRE RESISTANCE RATING. SEALANT IS REQUIRED IN BOTH JOINTS IF THE PANEL IS EXTERIOR AND EXPOSED TO WIND AND DRIVEN RAIN.
 2. IF PANEL IS USED AS AN INTERIOR PARTITION, NO SEALANT IS NEEDED UNLESS A VAPOR BARRIER IS REQUIRED. IF VAPOR BARRIER IS REQUIRED, THE SEALANT SHOULD BE APPLIED ON THE WARMER SIDE OF THE PANEL.

COMMERCIAL AND
INDUSTRIAL

3 HR. FIRE RATING HORIZONTAL JOINT
FASTENING - 8" THERMALS SAFE PANEL

TSW03121
DATE: 02-07-2014