MULTI-COR
M-COR

MULTI-COR

M-COR

McELROY METAL

TABLE OF CONTENTS

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GENERAL NOTES

The details shown on the following pages are suggestions or guidelines for installing the Multi-Cor and M-Cor wall and roof panel system. The installation details shown here are proven methods of construction, but they are not intended to cover all building requirements, designs or codes. The details may require changes or revisions due to individual project conditions.

Installation procedures shall be in accordance with the manufacturer's printed instructions, details or approved shop drawings. Installers should thoroughly familiarized themselves with all instructions prior to beginning the installation process.

The designer/installer is responsible to ensure the following:

That the details here meet the particular building requirements.

That adequate water tightness is maintained.

That a proper uniform substructure is used to avoid panel distortion and that the substructure meets necessary code requirements.

That all supporting members have been examined and are straight, level and plumb.

McElroy Metal can provide all flashings and accessories shown in the installation drawings unless noted otherwise. Panels, flashing and trim shall be installed true and in proper alignment with any exposed fasteners equally spaced for the best appearance. Sealant shall be field applied on a clean, dry surface.

Some field cutting and fitting of panels and flashings is to be expected and to be considered a part of normal installation work. Workmanship shall be of the best industry standards and with installation performed by experienced metal craftsmen.

Oil canning of metal panels is inherent in the product and is not a cause for rejection.

Contents of this manual are subject to change without notice. To confirm this book is the most current copy, please visit McElroy Metal's website at www.mcelroymetal.com.

FASTENER PATTERNS

1/4"-14 X 7/8" LAP TEK ZAC FASTENER (@ EVERY THIRD RIB)

TRIM

MULTI-COR PANEL

M-COR PANEL
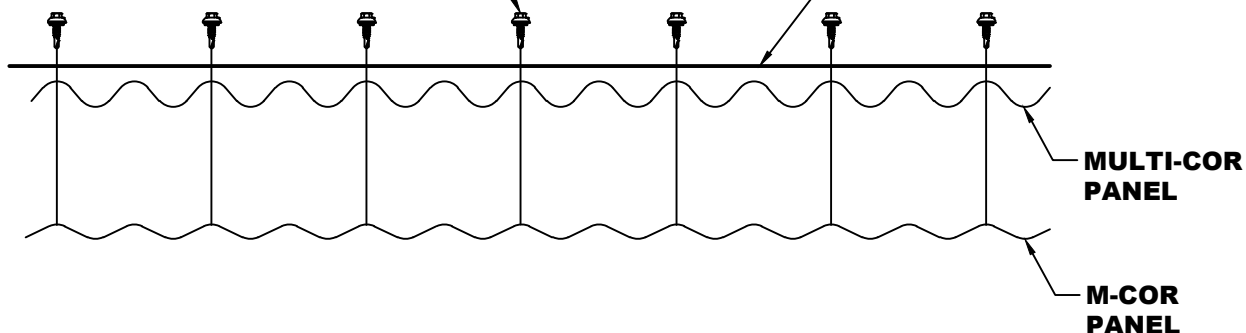
TRIM FASTENER PATTERN

FASTENER (PATTERN #1)

STITCH FASTENER (1'-8 O.C.)

MULTI-COR PANEL

TAPE SEALANT ROOF PANEL SEAMS ONLY

FASTENER (PATTERN #2)

STITCH FASTENER (1'-8 O.C.)

MULTI-COR PANEL

TAPE SEALANT ROOF PANEL SEAMS ONLY

FASTENER (PATTERN #1)

STITCH FASTENER (1'-8 O.C.)

M-COR PANEL

TAPE SEALANT ROOF PANEL SEAMS ONLY

FASTENER (PATTERN #2)

STITCH FASTENER (1'-8 O.C.)

M-COR PANEL

TAPE SEALANT ROOF PANEL SEAMS ONLY
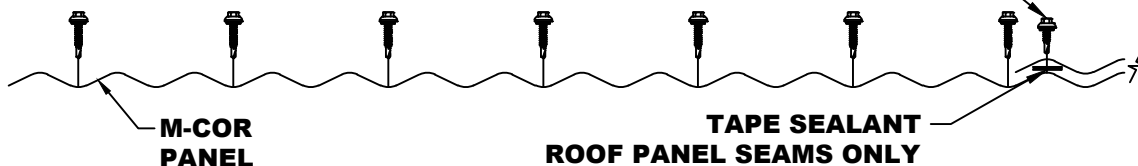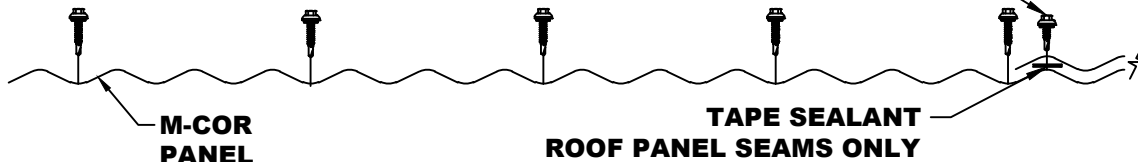
PANEL FRAMING AND STITCH FASTENER PATTERNS

McELROY METAL

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MULTI-COR / M-COR
PANEL

INSIDE CLOSURE
(RECOMMENDED)

BASE STRUCTURAL
MEMBER

WALL FASTENERS
(SEE PATTERN #1
ON PAGE B-1.)

ANCHOR BOLT
(NOT BY MCELROY)

FINISHED FLOOR
(NOT BY MCELROY)

1 1/2"

1/8"

SIMPLE BASE
TRIM

3/4"

3"

1"
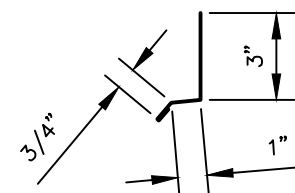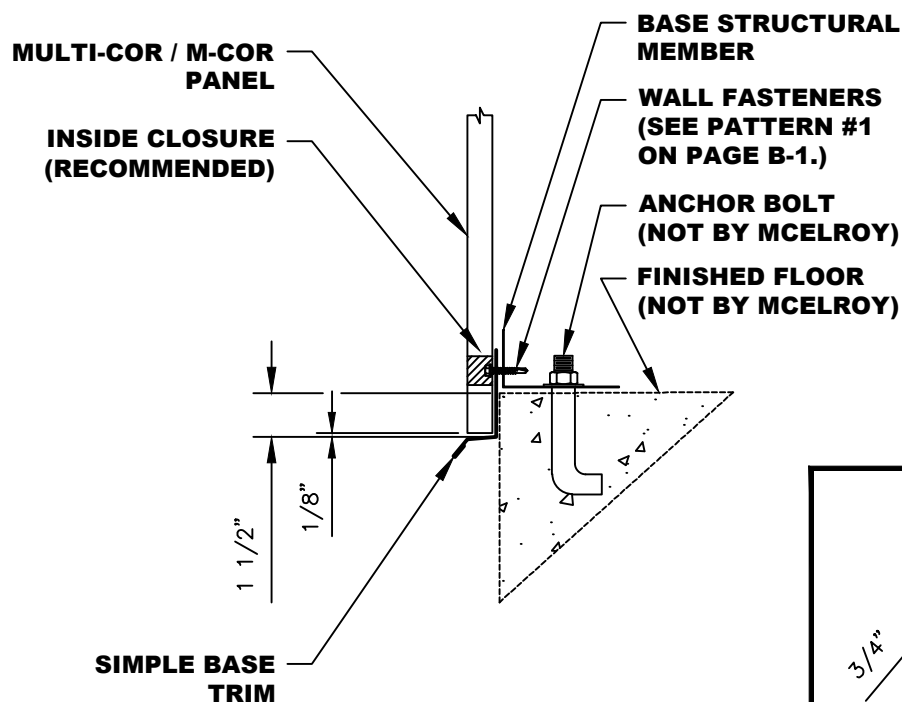
SIMPLE BASE TRIM

NOTES: 1. Base Structural Member set flush with edge of Finished Floor.
2. Set Simple Base Trim 1 1/2" down face of finished floor.
3. Set Closure in position on Simple Base Trim.
4. Set Multi-Cor / M-Cor Wall Panel into Place. Make sure to leave a 1/8" gap between trim and panel.
5. Attach panel with Wall Fasteners per Fastening Pattern (See Fastener Pattern #1 on Page B-1.)

MULTI-COR / M-COR
PANEL

INSIDE CLOSURE
(RECOMMENDED)

BASE STRUCTURAL
MEMBER

ANCHOR BOLT
(NOT BY MCELROY)

FINISHED FLOOR
(NOT BY MCELROY)

WALL FASTENERS
(SEE PATTERN #1
ON PAGE B-1.)

SIMPLE BASE
TRIM

1 1/2"
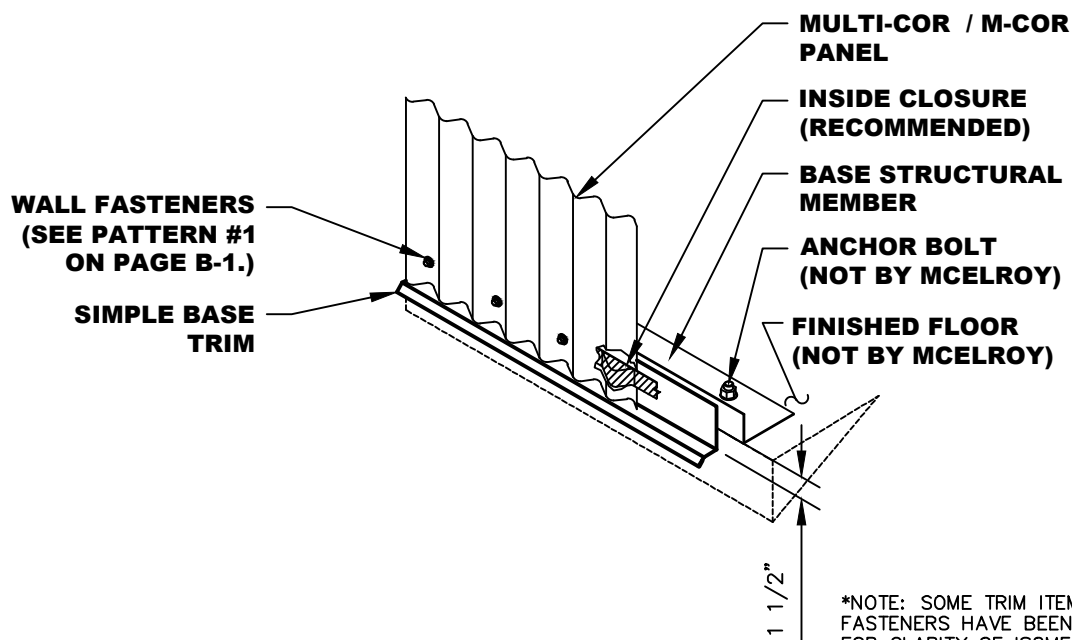
*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC
DETAIL.

BASE DETAIL

MULTI-COR / M-COR PANEL

INSIDE CLOSURE (RECOMMENDED)

BASE STRUCTURAL MEMBER

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

ANCHOR BOLT (NOT BY MCELROY)

FINISHED FLOOR (NOT BY MCELROY)

1 1/2"

1/8"

BASE TRIM

1"

3"

1"

1 1/2"
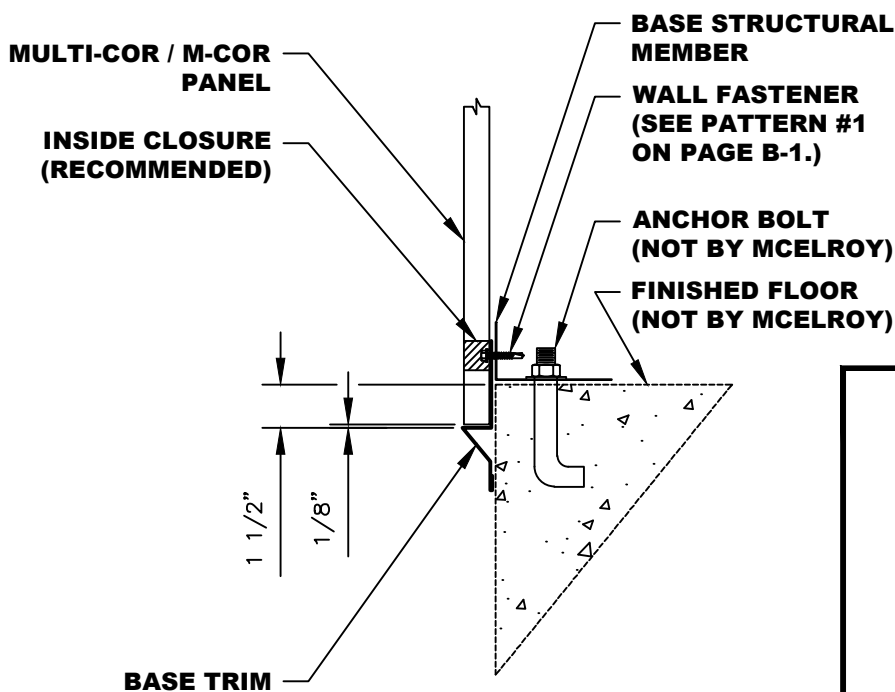
BASE TRIM

NOTES: 1. Base Structural Member set flush with edge of Finished Floor.
2. Set Base Trim 1 1/2" down face of finished floor.
3. Set Closure in position on Base Trim.
4. Set Multi-Cor / M-Cor Wall Panel into place. Make sure to leave a 1/8" gap between trim and panel.
5. Attach panel with Wall Fasteners per Fastening Pattern (See Fastener Pattern #1 on Page B-1).

MULTI-COR / M-COR PANEL

BASE STRUCTURAL MEMBER

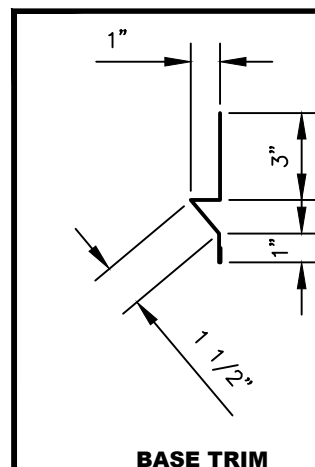INSIDE CLOSURE (RECOMMENDED)

ANCHOR BOLT (NOT BY MCELROY)

FINISHED FLOOR (NOT BY MCELROY)

WALL FASTENERS (SEE PATTERN #1 ON PAGE B-1.)

BASE TRIM

1 1/2"

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC DETAIL.

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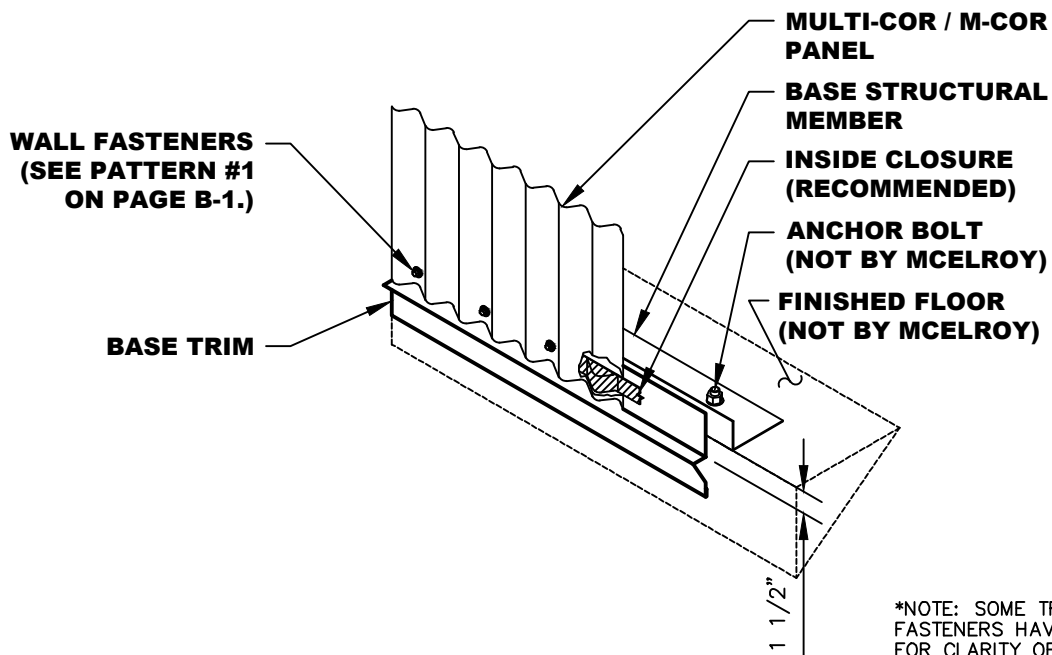
WALL PANEL TO GIRT DETAIL
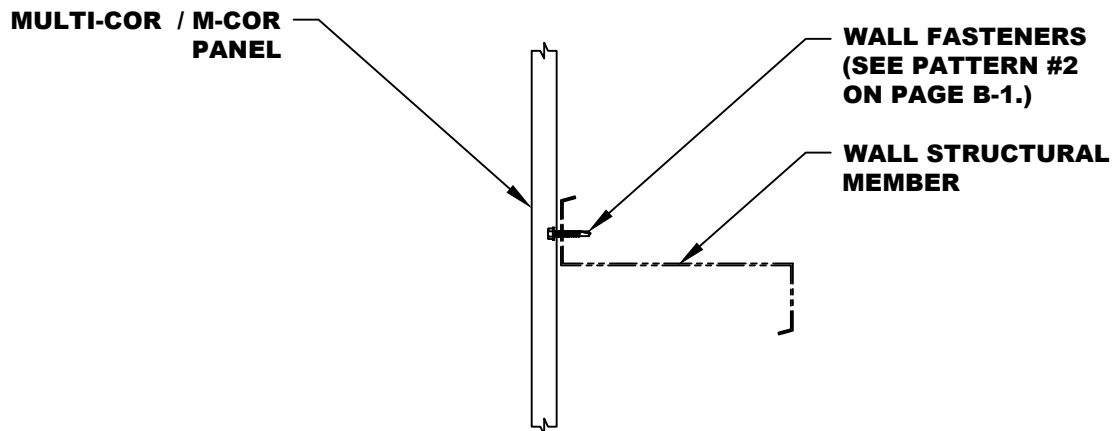
MULTI-COR / M-COR
PANEL

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

WALL STRUCTURAL
MEMBER

NOTES: 1. Attach Multi-Cor / M-Cor Wall Panel to Wall Structural Member with Wall Fasteners (see Fastener Fastener Pattern #2 On Page B-1).
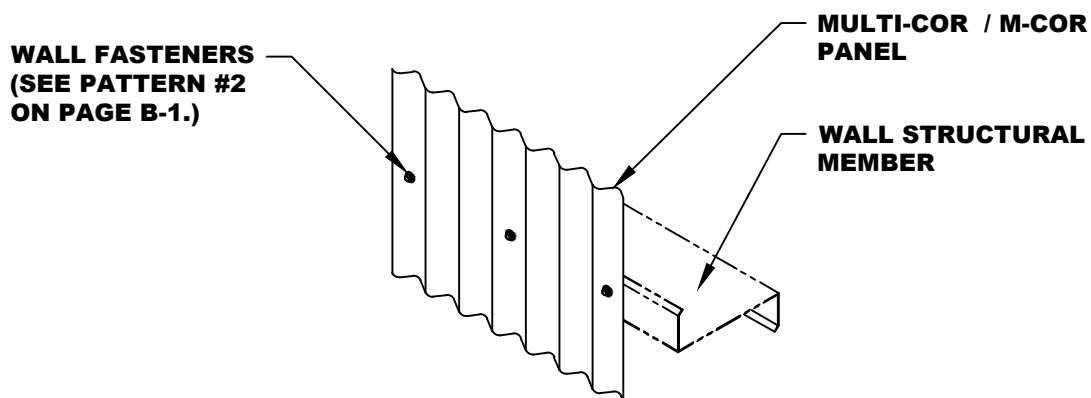
WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

MULTI-COR / M-COR
PANEL

WALL STRUCTURAL
MEMBER

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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OUTSIDE CORNER DETAIL

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

WALL STRUCTURAL
MEMBER

1/4-14 X 7/8" LAP TEK
FASTENER W/ WASHER
(@ 1'-8" O.C. MAX)

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

MULTI-COR / M-COR
PANEL

OUTSIDE CORNER
TRIM

1/4-14 X 7/8" LAP TEK
FASTENER W/ WASHER
(@ 1'-8" O.C. MAX)

1/2"

3"

1/2"

3"

OUTSIDE CORNER TRIM
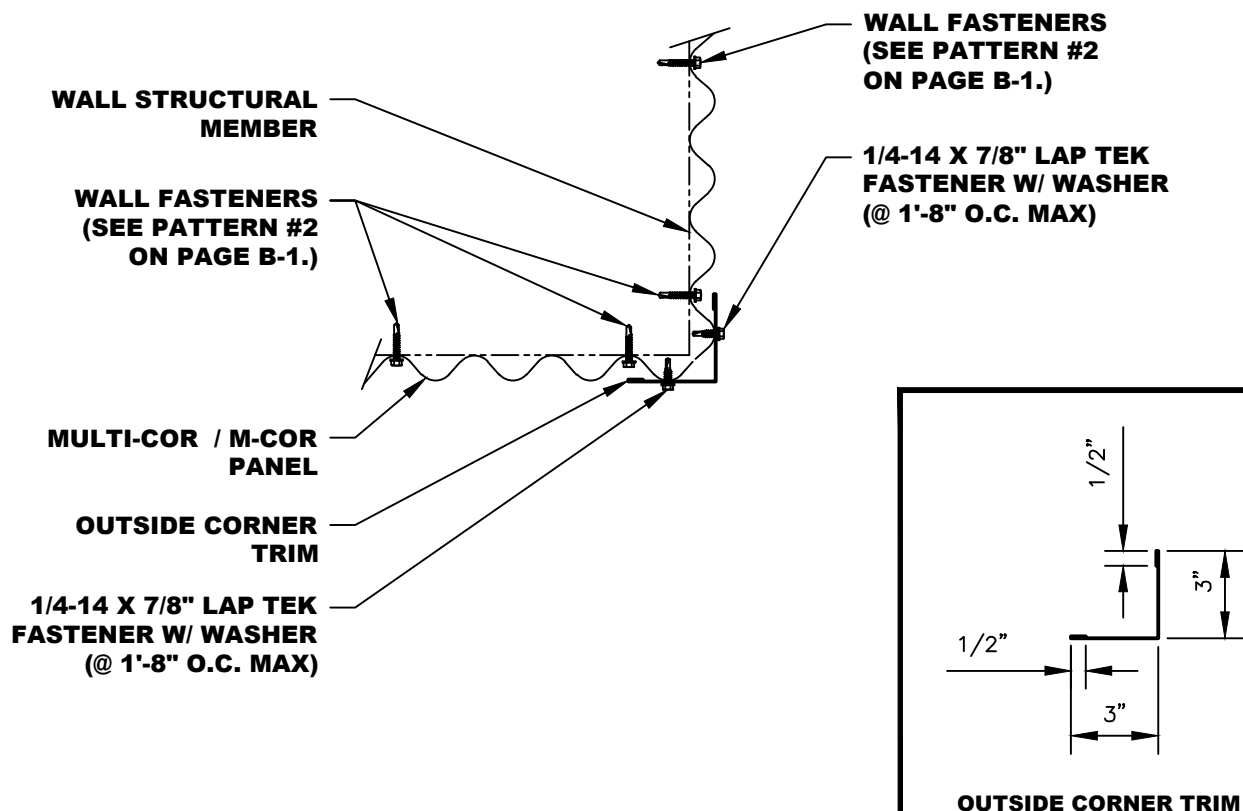
NOTES: 1. Attach Multi-Cor / M-Cor Wall Panel to Wall Structural Member with Wall Fasteners using Fastener
Pattern #2. (See Fastener Pattern #2 On Page B-1.)

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

WALL STRUCTURAL
MEMBER

1/4-14 X 7/8" LAP TEK
FASTENER W/ WASHER
(@ 1'-8" O.C. MAX.)

MULTI-COR / M-COR
PANEL

OUTSIDE CORNER
TRIM

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC
DETAIL.

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MULTI-COR / M-COR PANEL

INSIDE CLOSURE (RECOMMENDED)

HEAD TRIM (FIELD DRILL WEEP HOLES AS REQUIRED)

#10-16 X 1" TEK 2 PANCAKE HEAD FASTENER (@ 2'-0" O.C.)

WALL FASTENERS (SEE PATTERN #1 ON PAGE B-1.)

HEAD STRUCTURAL MEMBER

JAMB/HEAD COVER TRIM (OPTIONAL)

2 7/16"

8 1/8"

JAMB/HEAD COVER TRIM (OPTIONAL)

2 3/4"

1"

1"

HEAD TRIM

NOTES: 1. Attach Head Trim to Header using #10-16 x 1" TEK 2 Pancake Head Fastener every 2'-0" O.C.
2. Set Inside Closure in position on Head Trim.
3. Install Multi-Cor / M-Cor Panel to Header Structural Member with Wall Fasteners. (See Fastener Pattern #1 On Page B-1)

MULTI-COR / M-COR PANEL

WALL FASTENERS (SEE PATTERN #1 ON PAGE B-1.)

HEAD TRIM

#10-16 X 1" TEK 2 PANCAKE HEADER FASTENER (@ 2'-0" O.C.)

HEADER STRUCTURAL MEMBER

INSIDE CLOSURE (RECOMMENDED)

JAMB/HEAD COVER TRIM (OPTIONAL)

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

WALL STRUCRAL
MEMBER

JAMB STRUCTURAL
MEMBER

MULTI-COR / M-COR
PANEL

#10-16 X 1" TEK 2 PANCAKE
HEAD FASTENER (@ 2'-0" O.C.)

JAMB/HEAD COVER TRIM
(OPTIONAL)

FIELD CUT PANEL
AS REQUIRED

JAMB TRIM

2 7/16"

8 1/8"

JAMB/HEAD COVER TRIM
(OPTIONAL)

2 1/4"

7/8"

3/4"
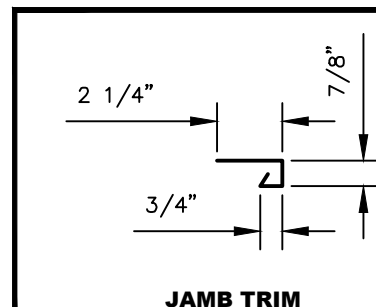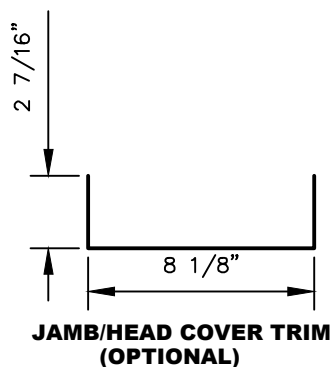
JAMB TRIM

NOTES: 1. Attach Jamb Trim to Jamb Structural Member using #10-16 x 1" TEK 2 Pancake Head Fasteners (See Fastener Pattern #2).
2. Install MULTI-COR / M-COR Panel to Wall Structural Member with Wall Fasteners. (See Fastener Pattern #2 on Page B-1).
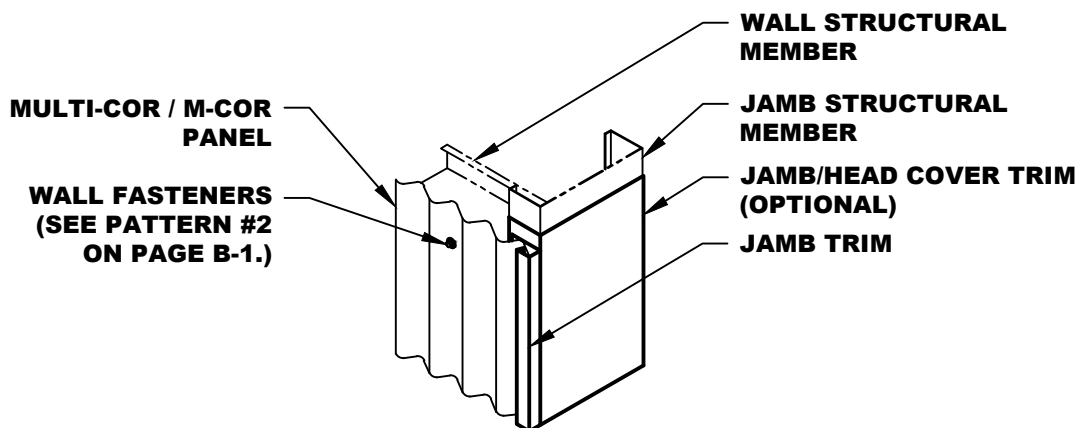
WALL STRUCTURAL
MEMBER

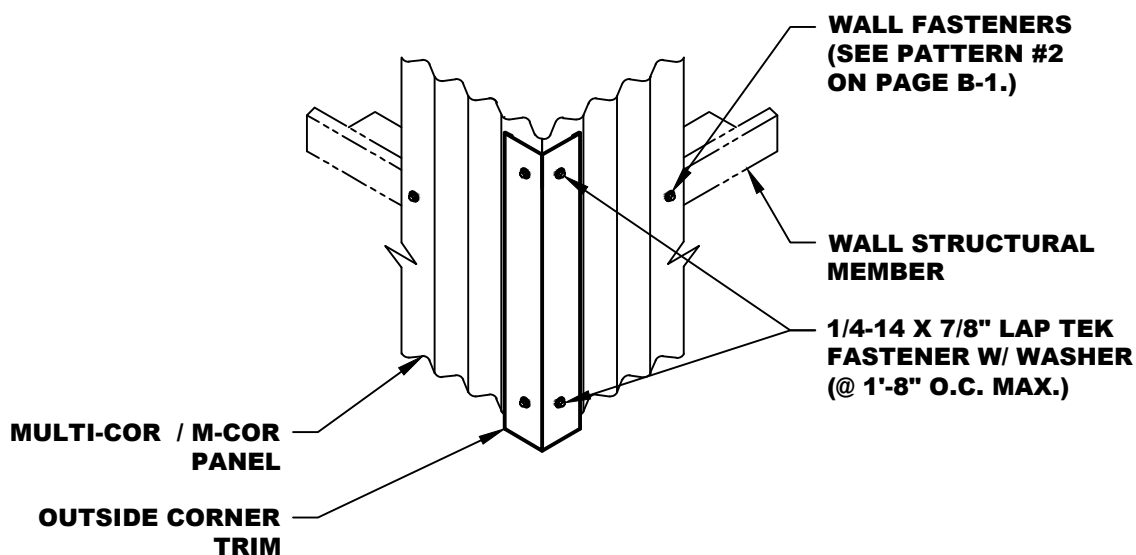MULTI-COR / M-COR
PANEL

JAMB STRUCTURAL
MEMBER

WALL FASTENERS
(SEE PATTERN #2
ON PAGE B-1.)

JAMB/HEAD COVER TRIM
(OPTIONAL)

JAMB TRIM

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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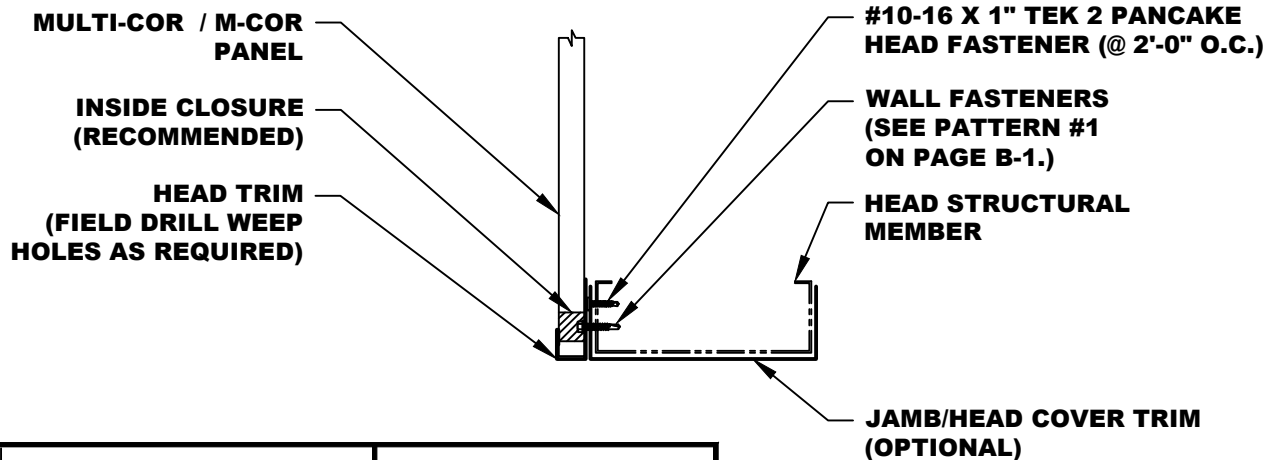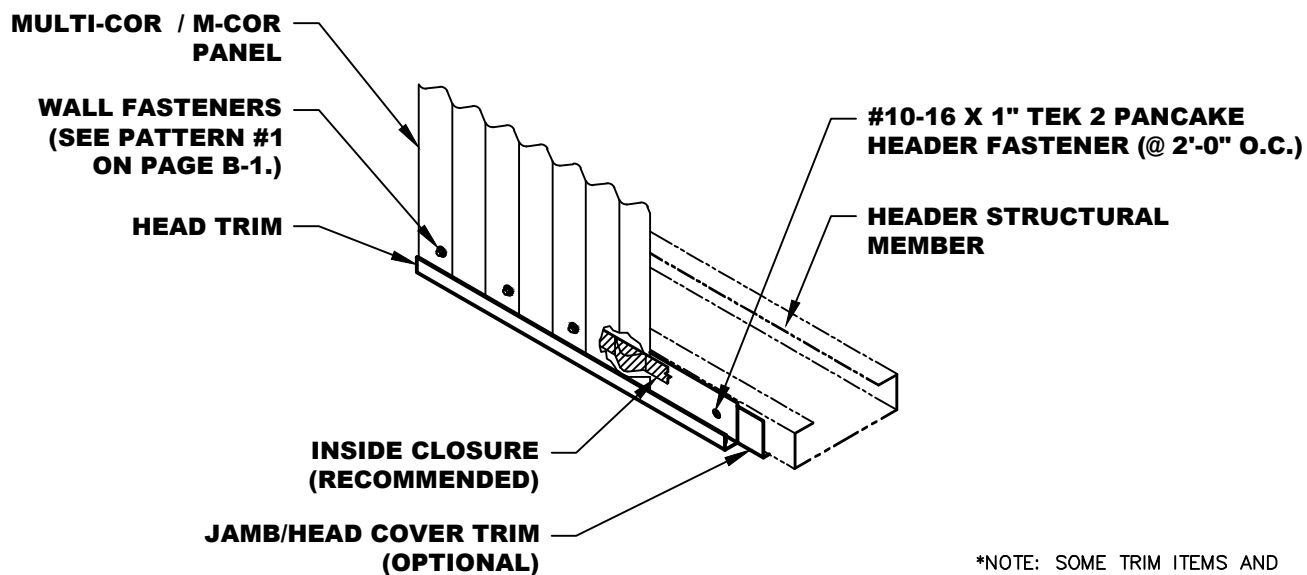1-800-950-9082

EAVE DETAIL

1 1/2"

PANEL DEPTH

MULT-COR / M-COR
ROOF PANEL

EAVE STRUCTURAL
MEMBER

1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN #1
ON PAGE B-1.)

WALL FASTNER
(SEE PATTERN #1
ON PAGE B-1.)

INSIDE CLOSURE W/
3/32" X 1" ROLL TAPE
SEALANT (TOP & BOTTOM)

EAVE TRIM

1/4-14 X 7/8" LAP TEK
FASTENER (@ EVERY
FOURTH RIB.)

MULTI-COR / M-COR
WALL PANEL

OUTSIDE CLOSURE
(RECOMMENDED)

3"

3 1/2"

1/2"
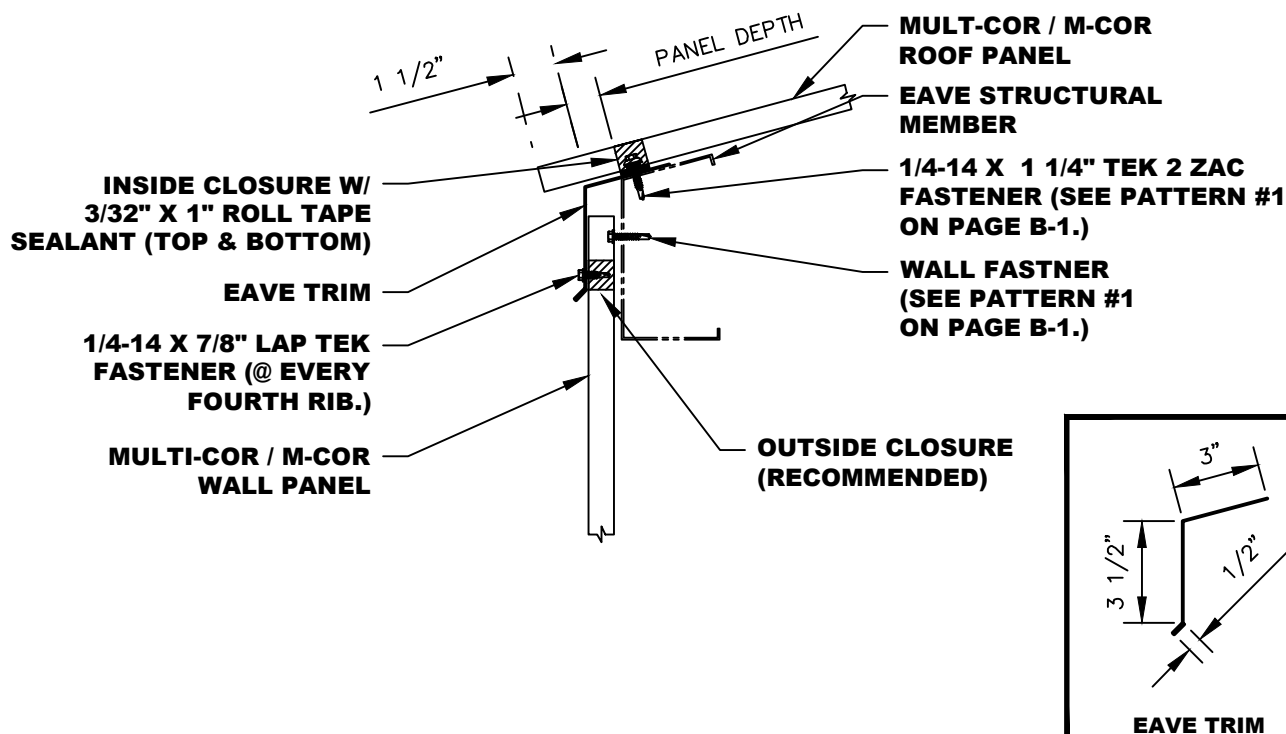
EAVE TRIM

NOTES:
1. Attach Wall Panel to Eave Structural Member with Wall Fastener per Fastener Pattern. (See Fastener Pattern #1 On Page B-1)
2. Eave Trim to run from out of wall to out of wall.
3. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape Sealant in trim laps and Pop Rivet trims as on page C-17.
4. Attach Eave Trim to Wall Panel at major ribs with 1/4-14 x 7/8" Lap TEK Fasteners.
5. Apply continuous run of 1" Butyl Tape Sealant on top of Simple Eave Trim.
6. Set Closures in tape and apply another continuous run of 1" Butyl Tape Sealant on top of closures.
7. Attach Multi-Cor / M-Cor Roof Panels in place with 1/4-14 x 1 1/4" TEK 2 ZAC with Washer. (See Pattern Fastener #1).

1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN #1
ON PAGE B-1.)

1/4-14 X 7/8" LAP TEK
FASTENER (@ EVERY
FORTH RIB.)

EAVE TRIM

MULTI-COR / M-COR
WALL PANEL

MUTI-COR / M COR
ROOF PANEL

INSIDE CLOSURE W/
3/32" X 1" ROLL TAPE
SEALANT (TOP & BOTTOM)

WALL FASTENER
(SEE PATTERN #1
ON PAGE B-1.)

OUTSIDE CLOSURE
(RECOMMENDED)

EAVE STRUCTURAL
MEMBER

*NOTE: SOME TRIM ITEMS AND
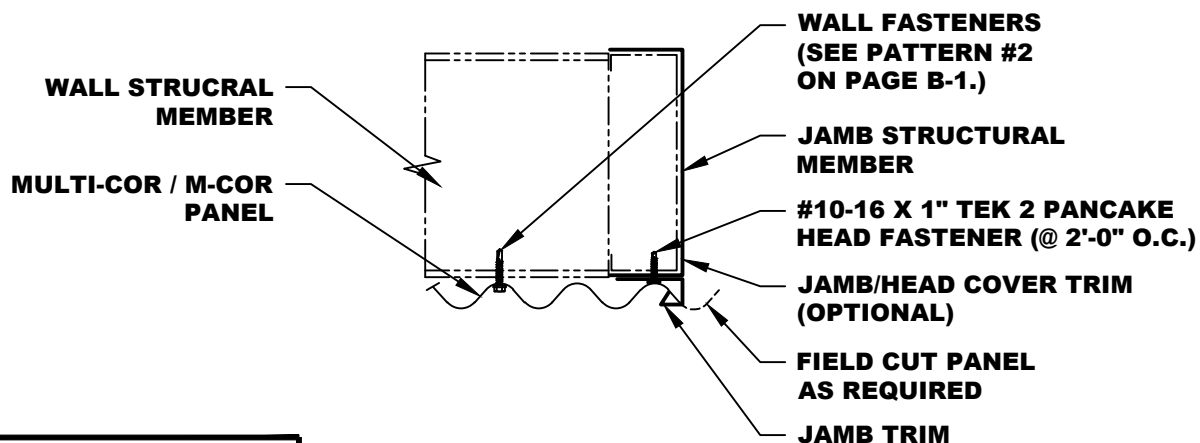FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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EAVE w/ GUTTER DETAIL

1/4-14 X 1 1/4" TEK 2 ZAC
(SEE PATTERN #1
ON PAGE B-1.)

MULTI-COR / M-COR
ROOF PANEL

2" LONG STRIP OF
3/32" X 1" ROLL TAPE
UNDER GUTTER STRAP

POP RIVET
(1 PER STRAP)

GUTTER STRAP

INSIDE CLOSURE
(RECOMMENDED)

GUTTER

WALL FASTENERS
(SEE PATTERN #1
ON PAGE B-1.)

DOWNSPOUT

MULTI-COR / M-COR
PANEL

1"
PANEL DEPTH

INSIDE CLOSURE W/
1' ROLL TAPE SEALANT
(TOP & BOTTOM)

#10-16 X 1" TEK2 PANCAKE
HEAD FASTENER
(1 PER STRAP)

#10-16 X 1" TEK2 PANCAKE
HEAD FASTENER (@5'-0" O.C.)

EAVE STRUCTURAL
MEMBER

1 1/2"
1"
4 1/4"
3 1/2"
5"
4"

10"
1"

GUTTER STRAP

GUTTER

NOTES: 1. Attach Multi-Cor / M-Cor Wall Panel to Eave Structural Member with Wall Fasteners. (See Fastener Pattern #1 On Page B-1)
2. Gutter to run from out of wall to out of wall. Attach to Eave Structural Member with #10-16 x 1" Tek2 Pancake Head Fasteners at 5'-0" O.C.
3. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and Pop Rivet trims as shown on page C-17.
4. Place a 2" long piece of 3/32" x 1" Roll Tape on gutter flange where Gutter Straps will fall. Attach Gutter Strap to Gutter with (1) 43D Pop Rivet and attach to Eave Structural Member with (1) #10-16 x 1" Tek2 Pancake Head Fastener at 5'-0" O.C.
5. Apply a continuous run of 1" Roll Tape Sealant on top of gutter flange.
6. Set Inside Closures in tape and apply another continuous run of 1" Roll Tape Sealant on top of closures.
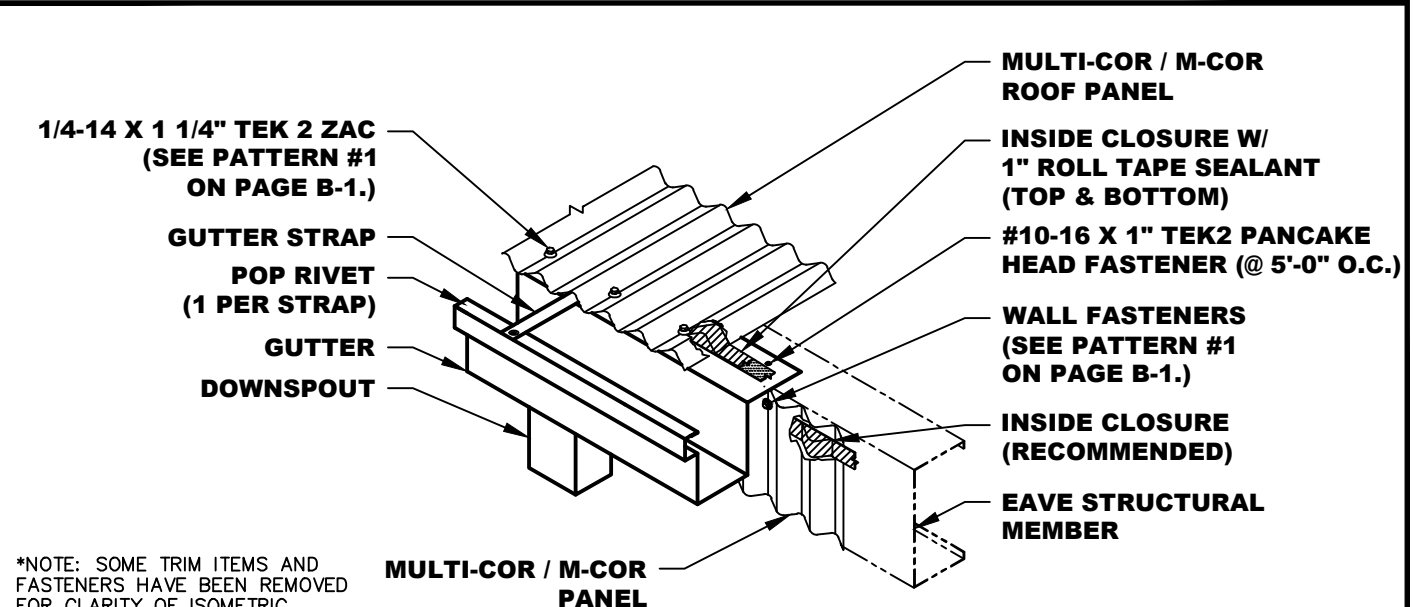7. Attach Multi-Cor / M-Cor Roof Panels with 1/4-14 x 1 1/4" TEK 2 ZAC. (See Fastener Pattern #1 on page B-1).

1/4-14 X 1 1/4" TEK 2 ZAC
(SEE PATTERN #1
ON PAGE B-1.)

GUTTER STRAP

POP RIVET
(1 PER STRAP)

GUTTER

DOWNSPOUT

MULTI-COR / M-COR
PANEL

MULTI-COR / M-COR
ROOF PANEL

INSIDE CLOSURE W/
1" ROLL TAPE SEALANT
(TOP & BOTTOM)

#10-16 X 1" TEK2 PANCAKE
HEAD FASTENER (@ 5'-0" O.C.)

WALL FASTENERS
(SEE PATTERN #1
ON PAGE B-1.)

INSIDE CLOSURE
(RECOMMENDED)

EAVE STRUCTURAL
MEMBER

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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END LAP DETAIL

1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN #1
ON PAGE B-1.)

6"(MIN)
LAP

1" ROLL TAPE SEALANT
(CONT. ALONG LAP)

MULTI-COR / M-COR
PANEL

ROOF STRUCTURAL
MEMBER

NOTES:
1. Extend lower Multi-Cor / M-Cor Roof Panel 6" past web of Roof Structural Member.
2. Apply continuous run of 1" Roll Tape Sealant on top of lower Multi-Cor / M-Cor panel 5 3/4" down from end of panel.
3. Install upper Multi-Cor / M-Cor panel and fasten with 1/4-14 x 1 1/4" TEK 2 ZAC Fasteners with Washer. (See Fastener Pattern #1 On Page B-1).
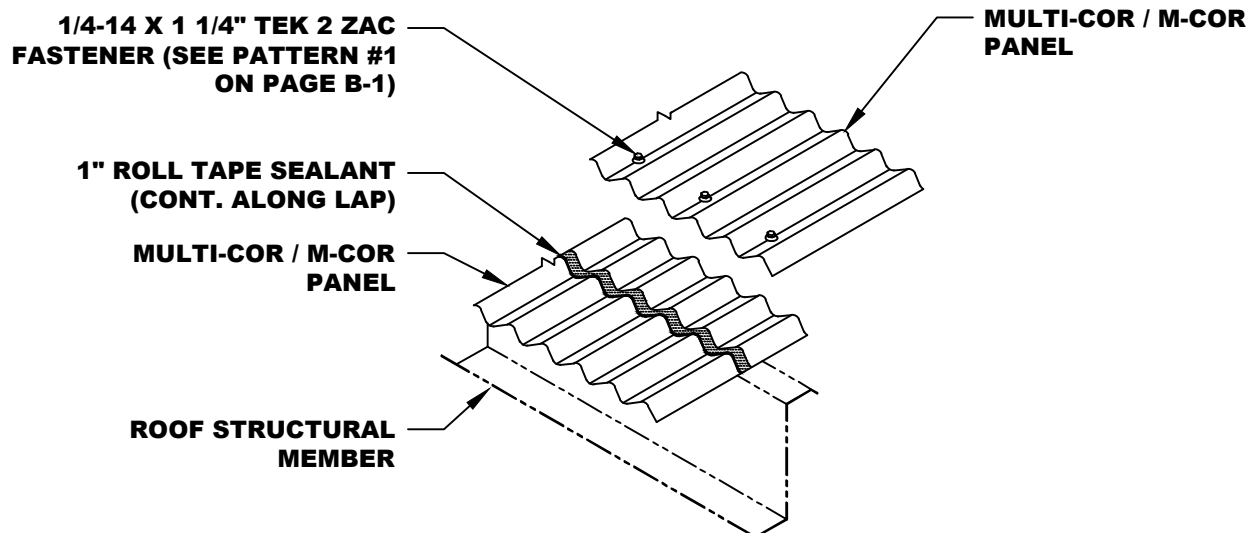
1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN #1
ON PAGE B-1)

MULTI-COR / M-COR
PANEL

1" ROLL TAPE SEALANT
(CONT. ALONG LAP)

MULTI-COR / M-COR
PANEL

ROOF STRUCTURAL
MEMBER

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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M-COR / MULTI-COR

INTERMEDIATE PURLIN DETAIL

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)

MULTI-COR / M-COR ROOF PANEL

ROOF STRUCTURAL MEMBER

NOTES: 1. Attach Multi-Cor / M-Cor Roof Panels with 1/4-14 x 1 1/4" TEK 2 ZAC Fasteners with Washer. (See Fastener Pattern #2 On Page B-1).

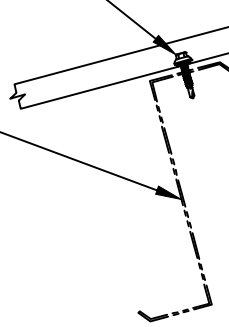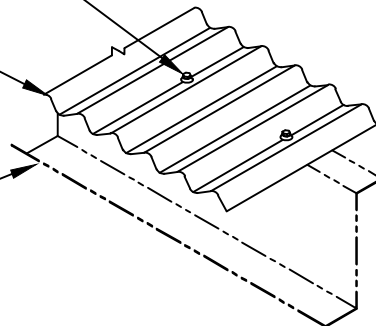**1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)**

MULTI-COR / M-COR PANEL

ROOF STRUCTURAL MEMBER

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

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RIDGE DETAIL

RIDGE TRIM

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ EVERY SECOND RIBS)

OUTSIDE CLOSURE W/ 1" ROLL TAPE SEALANT (TOP & BOTTOM)

1'-0" PEAK PURLIN

6" (MIN.)

℄ RIDGE

MULTI-COR / M-COR ROOF PANEL

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #1 ON PAGE B-1.)

ROOF STRUCTURAL MEMBER

11 1/2"   11 1/2"

RIDGE TRIM
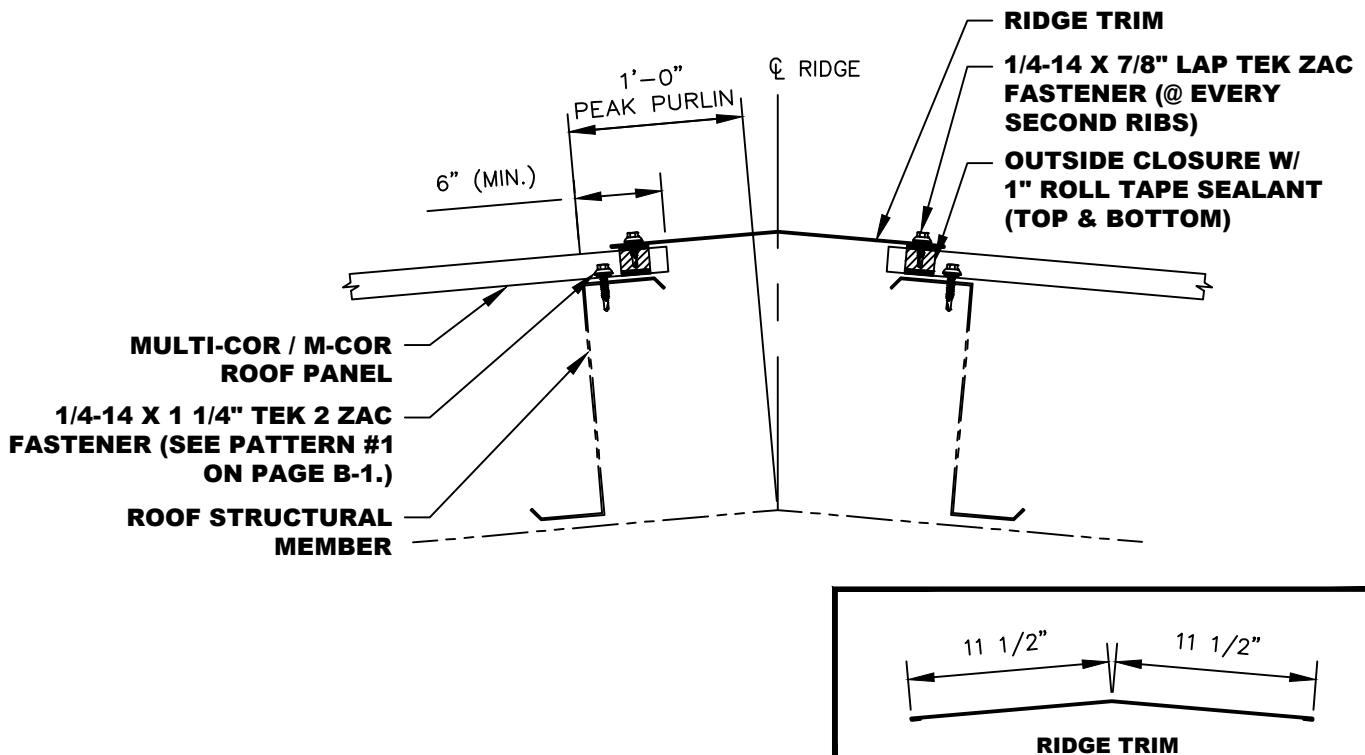
NOTES:
1. Attach Multi-Cor / M-Cor Roof Panels with #12-14 x 1 1/4" Lap TEK 2 Fastener with Washer (See Fastener Pattern #1 On Page B-1).
2. Install a continuous line of 1" Butyl Tape Sealant above fasteners. Seat Outside Closures in tape sealant. Install another continuous line of 1" Tape Sealant on top of closures.
3. Attach Ridge Trim to roof panels with #12-14 x 7/8" Lap TEK ZAC Fastener with Washer at major ribs. Make sure fastener penetrates sealant.
4. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and secure trim joint with #12-14 x 7/8" Lap TEK ZAC Fastener with Washer at every second rib.

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ EVERY SECOND RIB.)

OUTSIDE CLOSURE W/ 1" ROLL TAPE SEALANT (TOP & BOTTOM)

RIDGE TRIM

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #1 ON PAGE B-1.)

MULTI-COR / M-COR ROOF PANEL

ROOF STRUCTURAL MEMBER

6" (MIN.)

1'-0" PEAK PURLIN

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

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RAKE DETAIL

1" ROLL TAPE SEALANT (CON.ALONG RAKE)

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ 1'-0" O.C.)

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)

RAKE ANGLE

MULTI-COR / M-COR PANEL

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

ROOF STRUCTURAL MEMBER

1/4-14 X 7/8" LAP TEK FASTENER (@ EVERY FORTH RIB.)

RAKE TRIM

OUTSIDE CLOSURE (RECOMMENDED)

MULTI-COR / M-COR PANEL

5"

4 3/8"

5/8"

RAKE TRIM

NOTES:
1. Attach Multi-Cor / M-Cor Panel to Rake Angle with Wall Fasteners using Fastener Pattern #1 on page B-1.
2. Attach Multi-Cor / M-Cor Panel Roof Panels in place with 1/4"-14 x 1 1/4" TEK 2 ZAC Fastener with washer (See Fastener pattern #2 On Page B-1).
3. Install a continuous line of 1" Butyl Tape Sealant were Rake Trim rest on roof panel.
4. Attach Rake Trim to roof panels with 1/4-14 x 7/8" Lap TEK ZAC Fasteners with Washers @ 1'-0" O.C.
5. Attach Rake Trim to Multi-Cor / M-Cor Panels with 1/4-14 x 7/8" Lap TEK Fasteners with Washer (See Fastener pattern #2 On Page B-1).
6. Trim lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and secure trim joint with 1/4-14 x 7/8" Lap TEK with washer at every forth rib.

MULTI-COR / M-COR PANEL

1" ROLL TAPE SEALANT (CONT.ALONG RAKE)

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ 1'-0".)

RAKE TRIM

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)

1/4-14 X 7/8" LAP TEK FASTENER (@ EVERY FORTH RIB.)

MULTI-COR / M-COR PANEL

ROOF STRUCTURAL MEMBER

RAKE ANGLE

OUTSIDE CLOSURE (RECOMMENDED)

WALL FASTENER (SEE PATTERN # 1 ON PAGE B-1.)

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

RAKE TIE-IN DETAIL

MULTI-COR / M-COR PANEL

RAKE TIE-IN TRIM

RAKE ANGLE

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)

BUILDING LINE

ROOF STRUCTURAL MEMBER
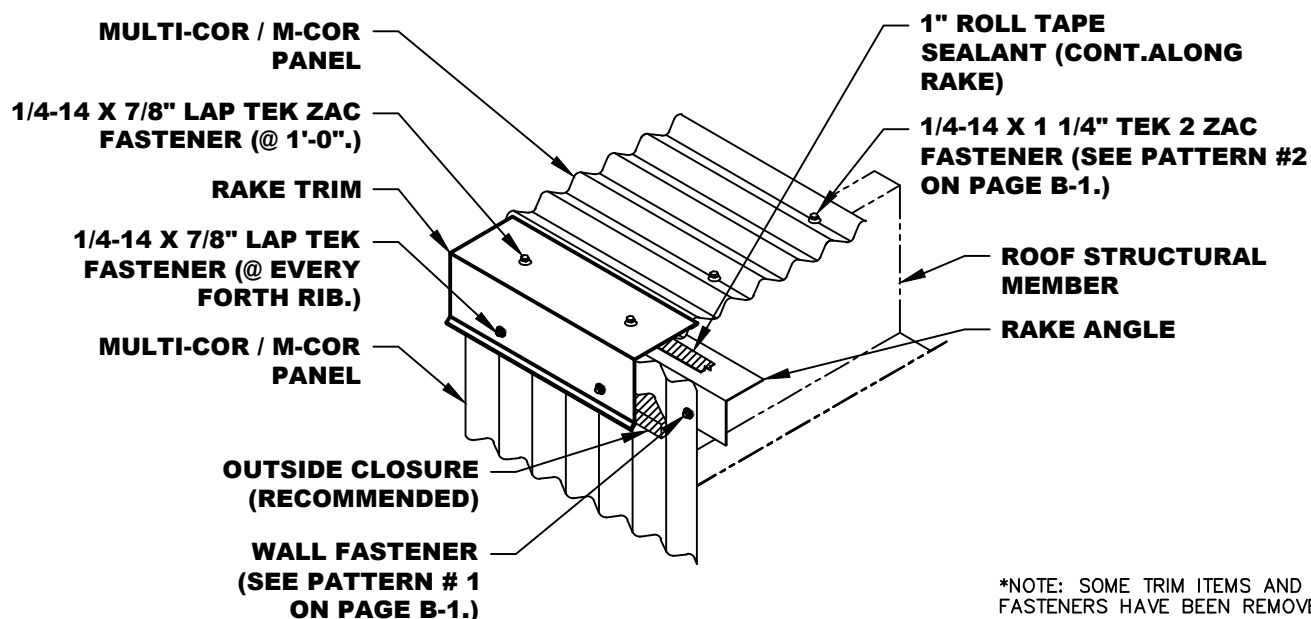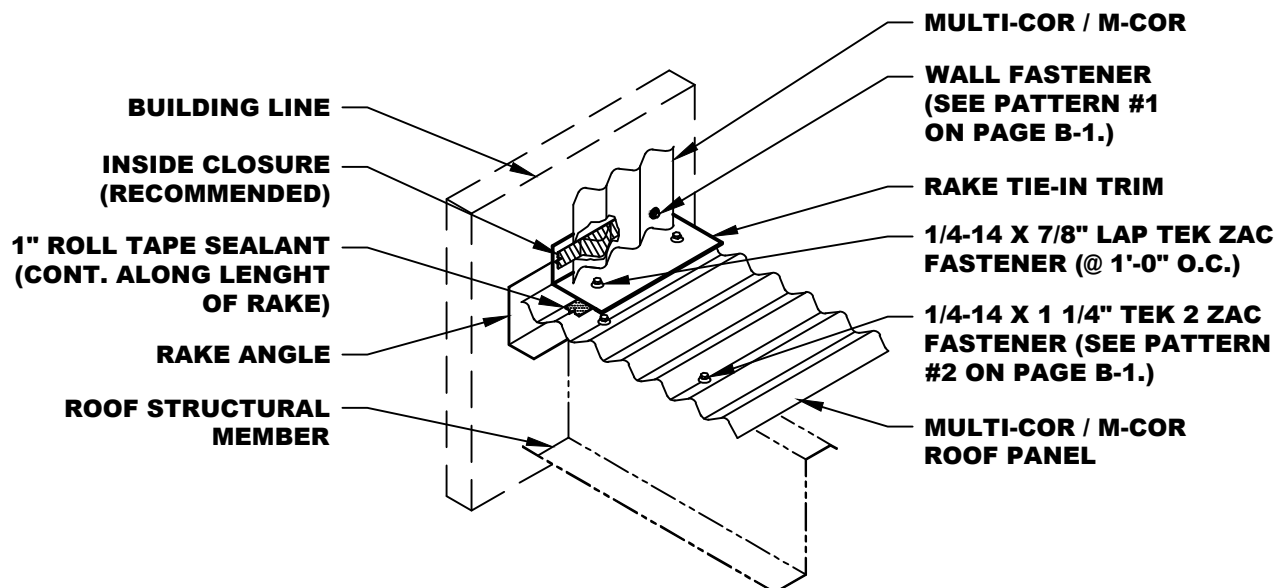
INSIDE CLOSURE (RECOMMENDED)

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ 1'-0" O.C.)

1" ROLL TAPE SEALANT (CONT. ALONG LENGTH OF RAKE)

MULTI-COR / M-COR PANEL

3 7/8"

2 5/8"
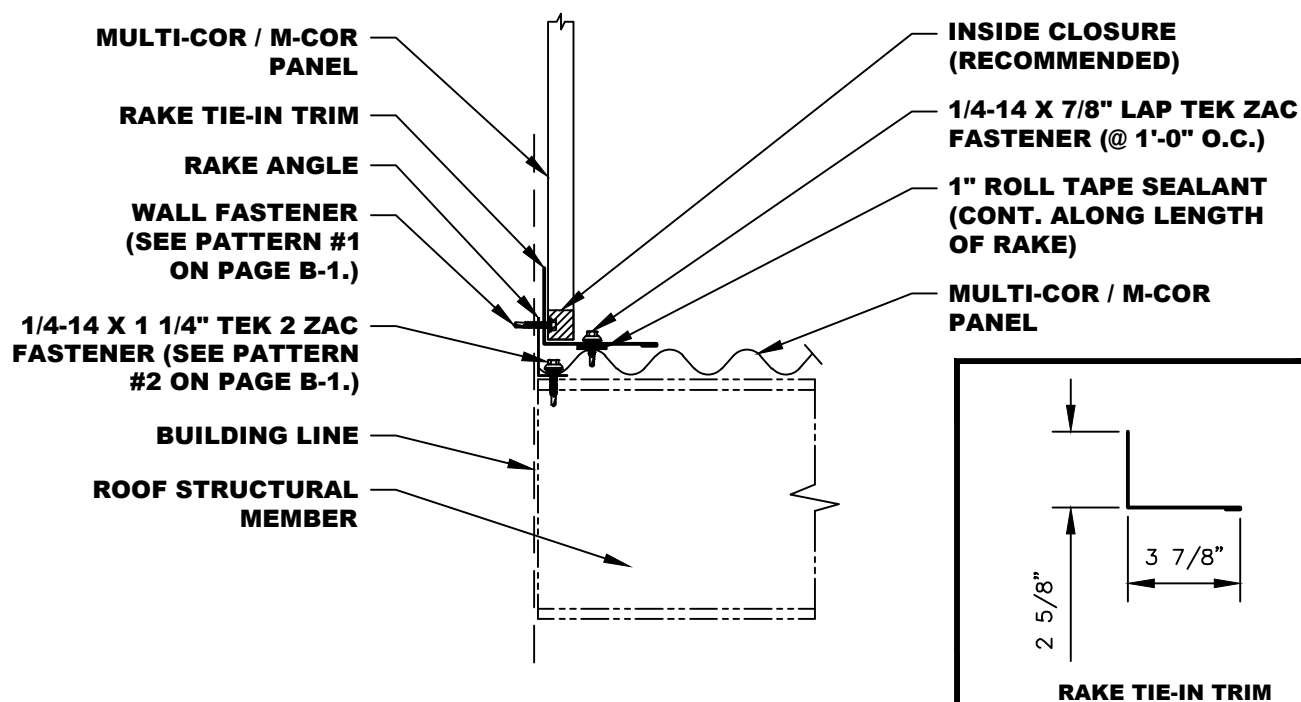
RAKE TIE-IN TRIM

NOTES: 1. Attach Multi-Cor / M-Cor Panels with Wall Fastener. (See Fastener Pattern #2 on page B-1)
2. Install a continuous line of 1" Butyl Tape Sealant were Rake Tie-In Trim rest on roof panel.
3. Attach Rake Trim to roof panels with #1/4"-14 x 7/8" Lap TEK ZAC Fastener at 1' O.C.
4. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and secure trim joint with 1/4-14 x 7/8" Lap TEK ZAC.

BUILDING LINE

INSIDE CLOSURE (RECOMMENDED)

1" ROLL TAPE SEALANT (CONT. ALONG LENGHT OF RAKE)

RAKE ANGLE

ROOF STRUCTURAL MEMBER

MULTI-COR / M-COR

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

RAKE TIE-IN TRIM

1/4-14 X 7/8" LAP TEK ZAC FASTENER (@ 1'-0" O.C.)

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #2 ON PAGE B-1.)

MULTI-COR / M-COR ROOF PANEL

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

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HIGH SIDE EAVE DETAIL

OUTSIDE CLOSURE W/
1" ROLL TAPE SEALANT
(TOP & BOTTOM)

MULTI-COR / M-COR
PANEL

EAVE STRUTURAL
MEMBER

1/4-14 x 7/8" LAP TEK ZAC
FASTENER (@ EVERY
SECOND RIB.)

1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN
#1 ON PAGE B-1.)

HIGH SIDE
EAVE TRIM

WALL FASTENER
(SEE PATTERN #1
ON PAGE B-1.)

1/4-14 X 7/8" LAP TEK
FASTENER (@ EVERY
FORTH RIB.)

OUTSIDE CLOSURE
(RECOMMENDED)

MULTI-COR / M-COR
PANEL

4 5/8"

4 3/4"

HIGH SIDE EAVE TRIM
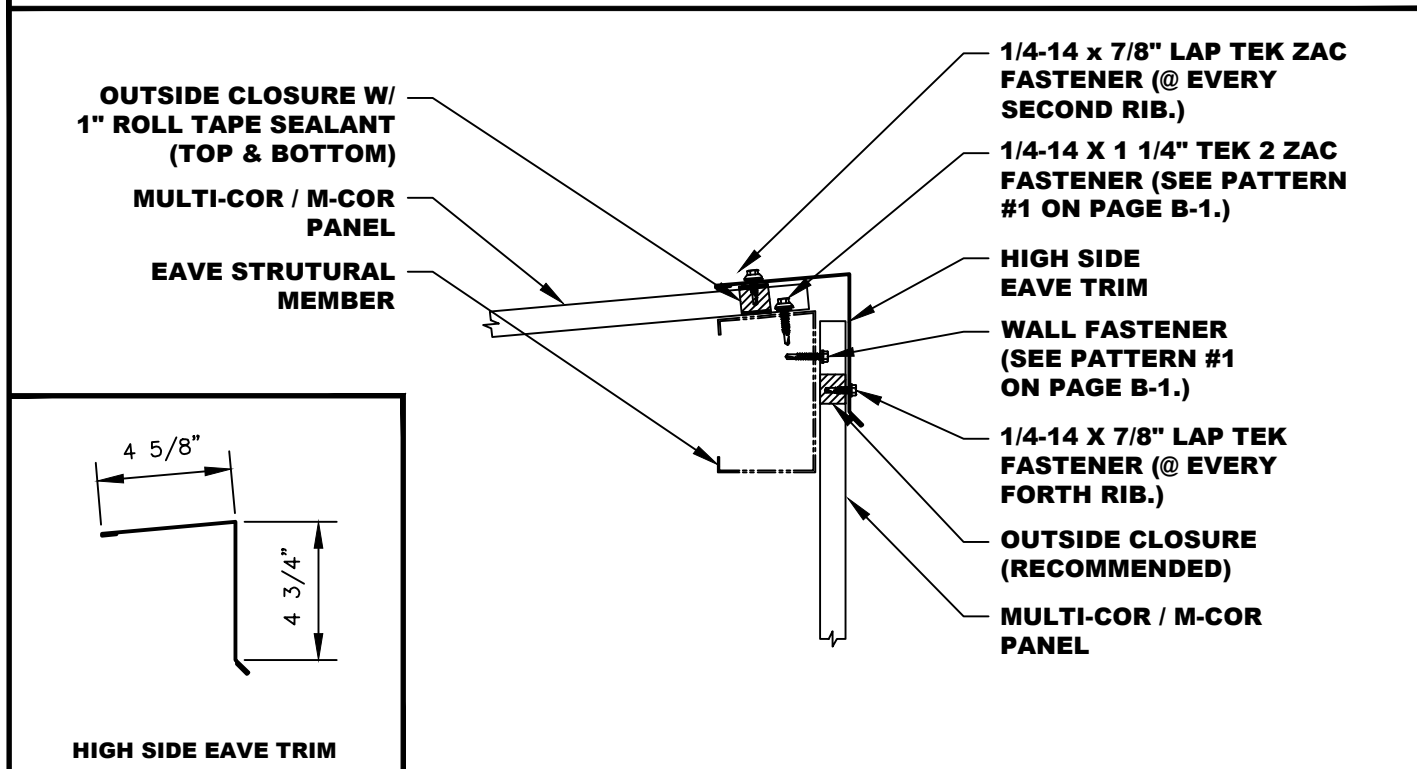
NOTES: 1. Attach Wall Panel to Eave Structural Member with Wall Fasteners. (See Fastener Pattern #1 on Page B-1).
2. Attach Multi-Cor / M-Cor Roof Panels with 1/4-14 x 1 1/4" Tek2 ZAC Fastener. (See Fastener Pattern #1 On Page B-1).
3. Install a continuous line of 1" Butyl Tape Sealant below fasteners. Seat Outside Closures in tape sealant. Install another continuous line of 1" Tape Sealant on top of closures.
4. Attach High Side Eave Trim to roof panels with 1/4-14 x 7/8" Lap TEK ZAC with washer at major ribs. Make sure fastener penetrates sealant.
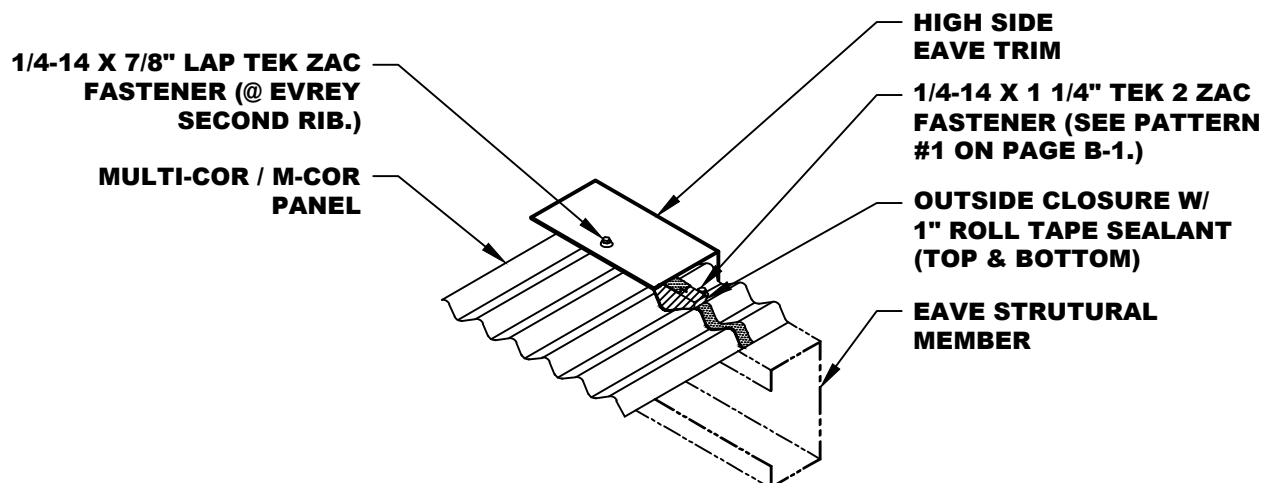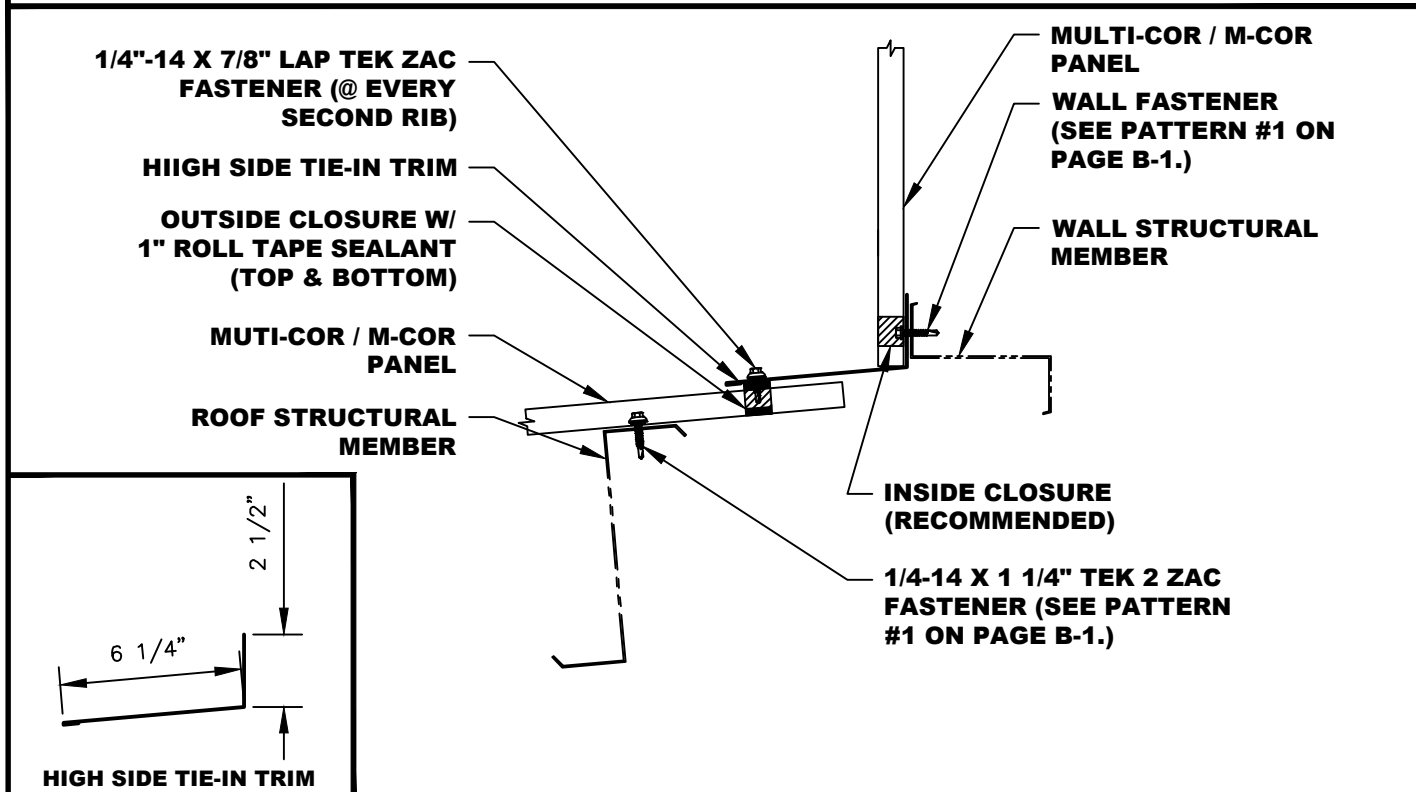5. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and secure trim joint with 1/4-14 x 7/8" Lap TEK ZAC with Washer at major ribs.

1/4-14 X 7/8" LAP TEK ZAC
FASTENER (@ EVREY
SECOND RIB.)

MULTI-COR / M-COR
PANEL

HIGH SIDE
EAVE TRIM

1/4-14 X 1 1/4" TEK 2 ZAC
FASTENER (SEE PATTERN
#1 ON PAGE B-1.)

OUTSIDE CLOSURE W/
1" ROLL TAPE SEALANT
(TOP & BOTTOM)

EAVE STRUTURAL
MEMBER

*NOTE: SOME TRIM ITEMS AND
FASTENERS HAVE BEEN REMOVED
FOR CLARITY OF ISOMETRIC

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1/4"-14 X 7/8" LAP TEK ZAC FASTENER (@ EVERY SECOND RIB)

HIIGH SIDE TIE-IN TRIM

OUTSIDE CLOSURE W/ 1" ROLL TAPE SEALANT (TOP & BOTTOM)

MUTI-COR / M-COR PANEL

ROOF STRUCTURAL MEMBER

MULTI-COR / M-COR PANEL

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

WALL STRUCTURAL MEMBER

INSIDE CLOSURE (RECOMMENDED)

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #1 ON PAGE B-1.)

2 1/2"

6 1/4"

HIGH SIDE TIE-IN TRIM

NOTES: 1. Attach Multi-Cor / M-Cor Panels with Wall Fasteners using Fastener Pattern #1. (See Fastener Patterns On Page B-1).
2. Install a continuous line of 1" Butyl Tape Sealant. Seat Outside Closures in tape sealant. Install another continuous line of 1" Butyl Tape Sealant on top of closures.
3. Attach High Side Tie-In Trim to roof panels with 1/4-14 x 7/8" Lap TEK ZAC with washer at major ribs. make sure fastener penetrates sealant.
4. Trim pieces lap 2". Apply 3/32" x 3/8" Butyl Tape or Butyl Tube Sealant at trim laps and secure trim joint with 1/4-14 x 7/8" Lap TEK ZAC at major ribs.
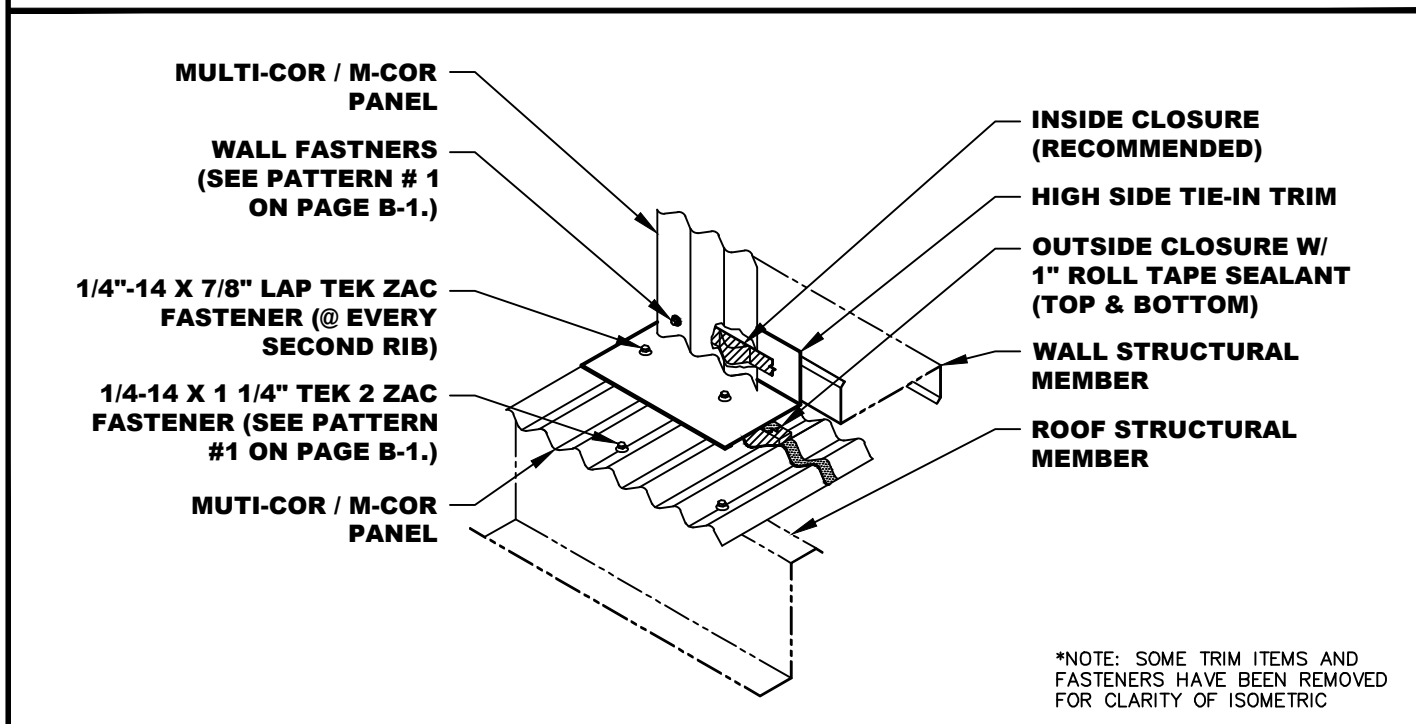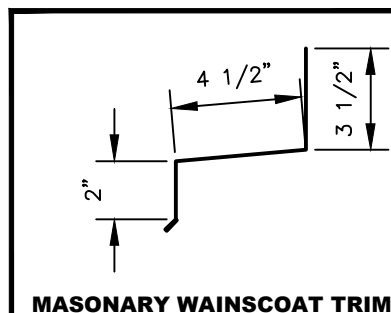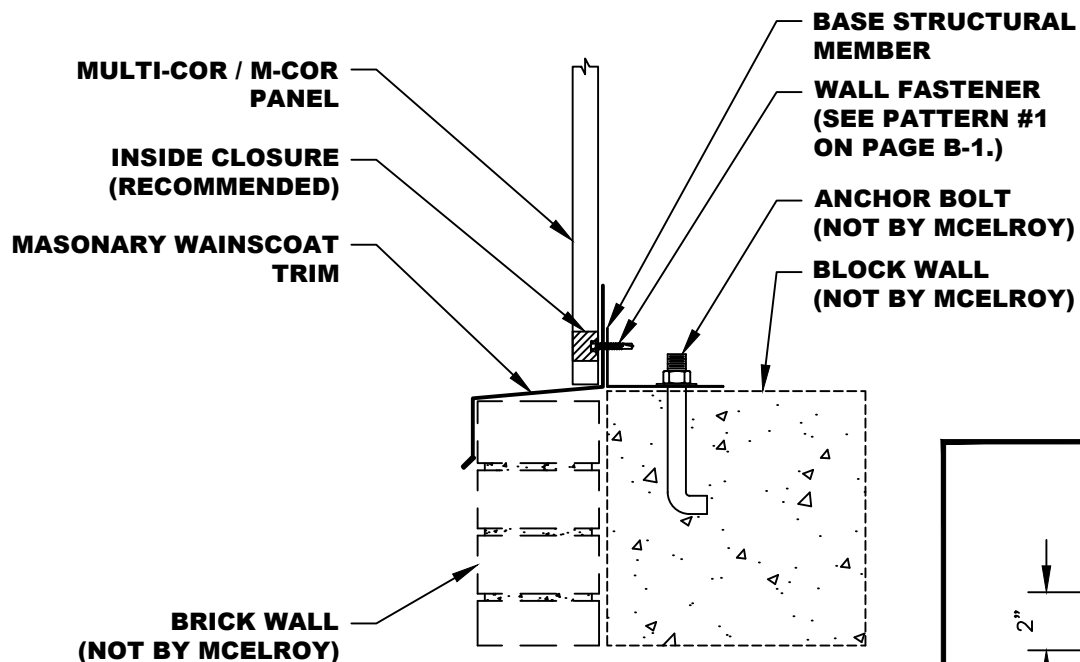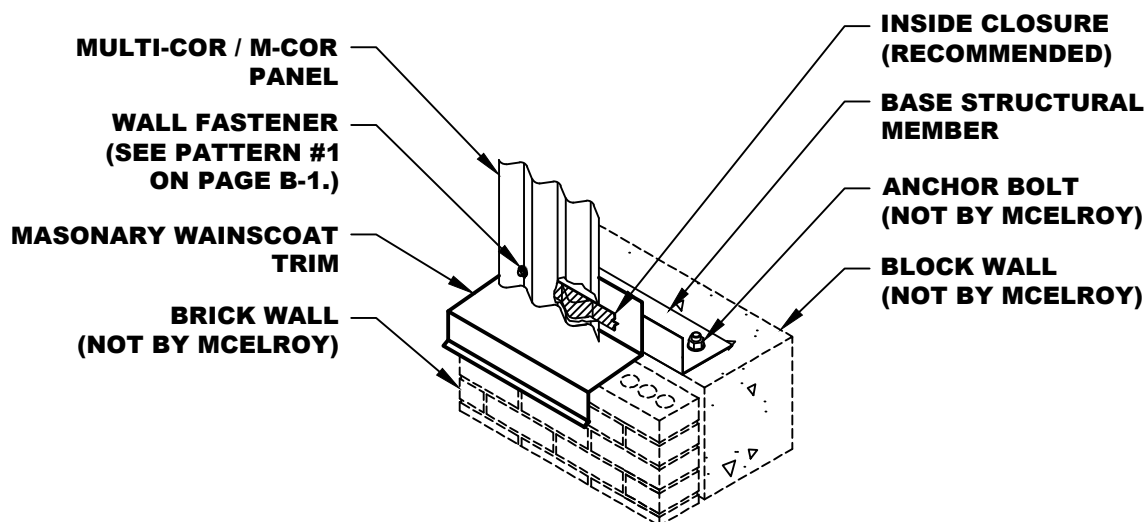
MULTI-COR / M-COR PANEL

WALL FASTNERS (SEE PATTERN # 1 ON PAGE B-1.)

1/4"-14 X 7/8" LAP TEK ZAC FASTENER (@ EVERY SECOND RIB)

1/4-14 X 1 1/4" TEK 2 ZAC FASTENER (SEE PATTERN #1 ON PAGE B-1.)

MUTI-COR / M-COR PANEL

INSIDE CLOSURE (RECOMMENDED)

HIGH SIDE TIE-IN TRIM

OUTSIDE CLOSURE W/ 1" ROLL TAPE SEALANT (TOP & BOTTOM)

WALL STRUCTURAL MEMBER

ROOF STRUCTURAL MEMBER

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

MULTI-COR / M-COR PANEL

INSIDE CLOSURE (RECOMMENDED)

MASONARY WAINSCOAT TRIM

BASE STRUCTURAL MEMBER

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

ANCHOR BOLT (NOT BY MCELROY)

BLOCK WALL (NOT BY MCELROY)

BRICK WALL (NOT BY MCELROY)
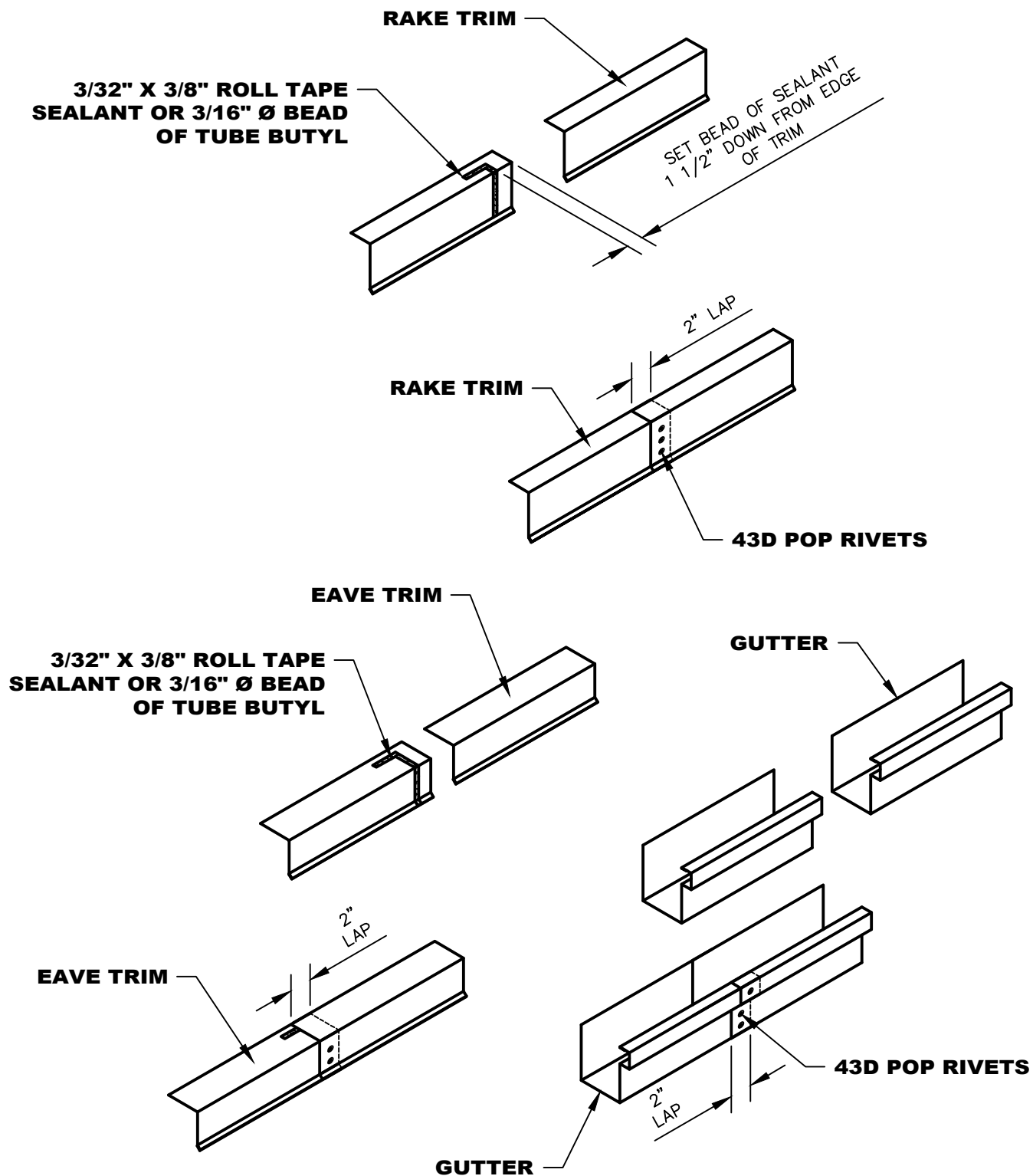
4 1/2"
3 1/2"
2"

MASONARY WAINSCOAT TRIM

NOTES: 1. Attach Masonry Waincoat Trim to Base Structural Member with Temporary Framing Fasteners.
2. Set Inside Closure in place.
3. Attach Multi-Cor / M-Cor Wall Panels with Wall Fasteners using Fastener Pattern #1. (See Fastener Patterns on Page B-1).

MULTI-COR / M-COR PANEL

WALL FASTENER (SEE PATTERN #1 ON PAGE B-1.)

MASONARY WAINSCOAT TRIM

BRICK WALL (NOT BY MCELROY)

INSIDE CLOSURE (RECOMMENDED)

BASE STRUCTURAL MEMBER

ANCHOR BOLT (NOT BY MCELROY)

BLOCK WALL (NOT BY MCELROY)

*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC

TYPICAL TRIM LAP DETAIL

RAKE TRIM

3/32" X 3/8" ROLL TAPE SEALANT OR 3/16" Ø BEAD OF TUBE BUTYL

SET BEAD OF SEALANT 1 1/2" DOWN FROM EDGE OF TRIM

2" LAP

RAKE TRIM

43D POP RIVETS

EAVE TRIM

GUTTER

3/32" X 3/8" ROLL TAPE SEALANT OR 3/16" Ø BEAD OF TUBE BUTYL

2" LAP

EAVE TRIM

43D POP RIVETS

2" LAP

2" LAP

GUTTER

NOTES: 1. Apply 3/32 x 3/8" Roll Tape Sealant or a 3/16" bead of Tube Butyl 1 1/2" back from the edge of the trim. Also, apply a piece of tape sealant or bead of Tube Butyl as a Pigtail to completely seal joint.
2. Notch the hems on the upper trim piece 2" so that the trim will fit flat in the lap joint.
3. Secure trim laps with Pop Rivets as shown above.

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Indianapolis, IN 46236

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9435 US Hwy. 60 W.
Lewisport, KY 42351

2701 Cahill Street
Lockhart, TX 78644

1020 Veterans Street
Mauston, WI 53948

5123 Terminal Dr.
McFarland, WI 53558

514 Cave Road
Nashville, TN 37210

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8511 Industrial Drive
Pearland, TX 77584

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Pendergrass, GA 30567

7450 Tower Street
Richland Hills, TX 76118

8200 Berry Ave. Suite 100
Sacramento, CA 95828

1365 Dean Forest Rd.
Savannah, GA 31405

7355 Oakley Industrial Blvd.
Union City, GA 30291

1144 Silstar Rd.
West Columbia, SC 29170

325 McGhee Rd.
Winchester, VA 22603