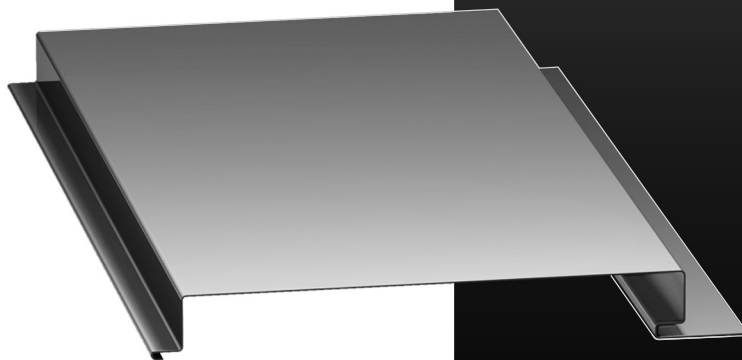


**FW SERIES**

**INSTALLATION**



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# GENERAL NOTES

The details shown on the following pages are suggestions or guidelines on how to install FW Series Panel. The information shown is accurate and the installation details shown are proven methods of construction, but it is not intended to cover all instances, building requirements, designs or codes. The details may require changes or revisions due to individual project conditions. The installer should follow these recommended details using proper workmanship procedures.

It is the responsibility of the designer/installer to ensure the details meet particular building requirements and to assure adequate water-tightness. It must be noted that water-tightness is a function of the installer. McElroy Metal will be held harmless from any and all claims arising from a lack of water-tightness.

A proper uniform substructure should be used to avoid any panel distortion. All substructures should be designed to meet all necessary code requirements.

The installer should thoroughly familiarize himself/herself with all installation instructions. Before beginning installation of the panels, the installer should examine the substrate to ensure that all supporting members are straight, level and plumb.

NOTE: If Engineering Services are required by McElroy Metal, additional fasteners or material maybe required. Please contact the McElroy Metal Engineering Department for information.

The panels should be installed plumb, straight and accurately to the adjacent work. No penetrations shall be placed in the panel system by fasteners except as shown on the installation drawings.

McElroy Metal can provide all flashings and accessories shown in the installation drawings unless noted otherwise. Installation procedures shall be in accordance with the manufacture's printed instructions, detail or approved shop drawings. Flashing and trim shall be installed true and in proper alignment, with any exposed fasteners equally spaced for the best appearance.

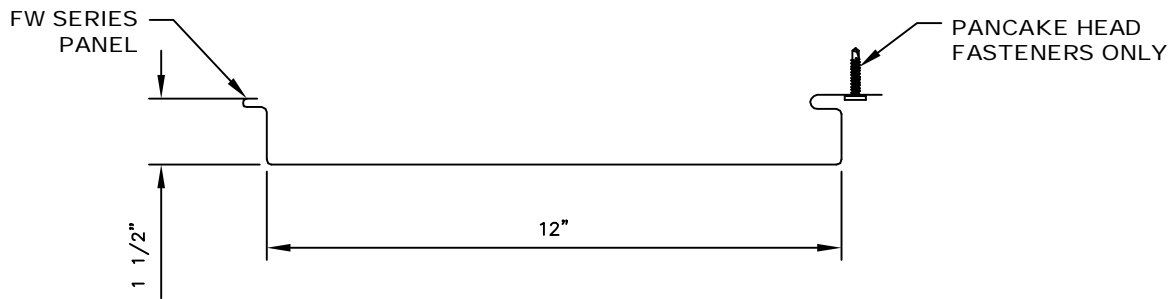
Some field cutting and fitting of panels and flashings is to be expected by the installer and minor field corrections are a part of normal installation work. Workmanship shall be of the best industry standards and with installation performed by experienced metal craftsman.

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. Because this manual is revised from time to time, users are advised to check the revision date to be sure they have the most current copy in print. To confirm this book is the most current copy, please visit McElroy Metal's web site at <http://www.mcelroymetal.com>.

# GENERAL INFORMATION

## FASTENER PATTERN



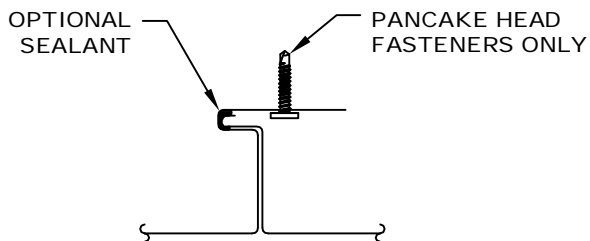
FW SERIES PANEL



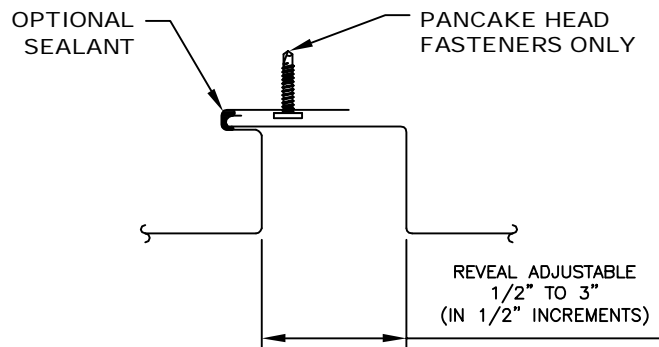
FW SERIES TYPICAL SEAM ENGAGEMENT



FW SERIES CUSTOM REVEAL SEAM ENGAGEMENT



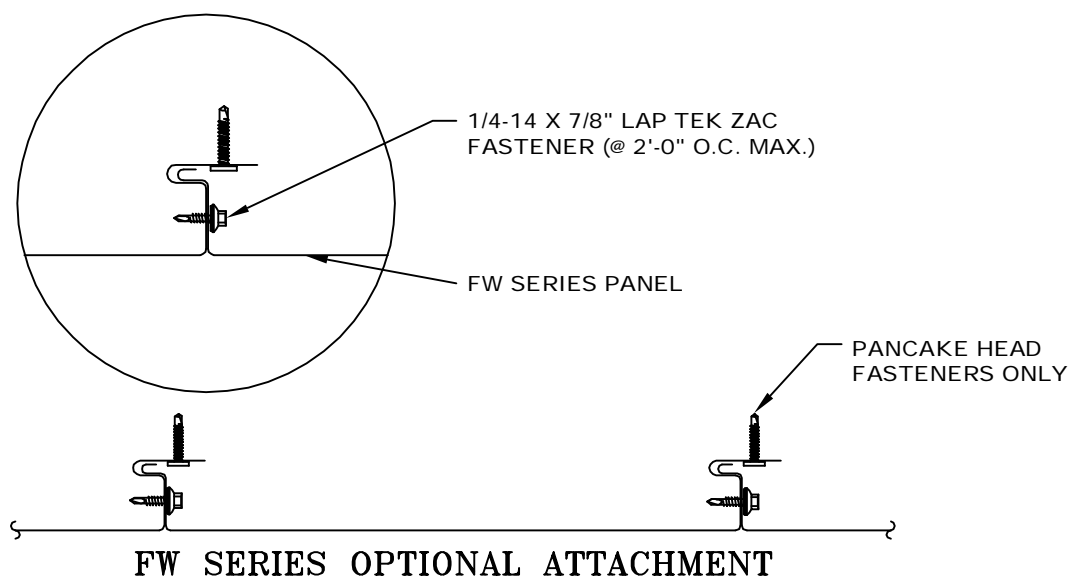
FW SERIES PANEL  
INTERLOCK

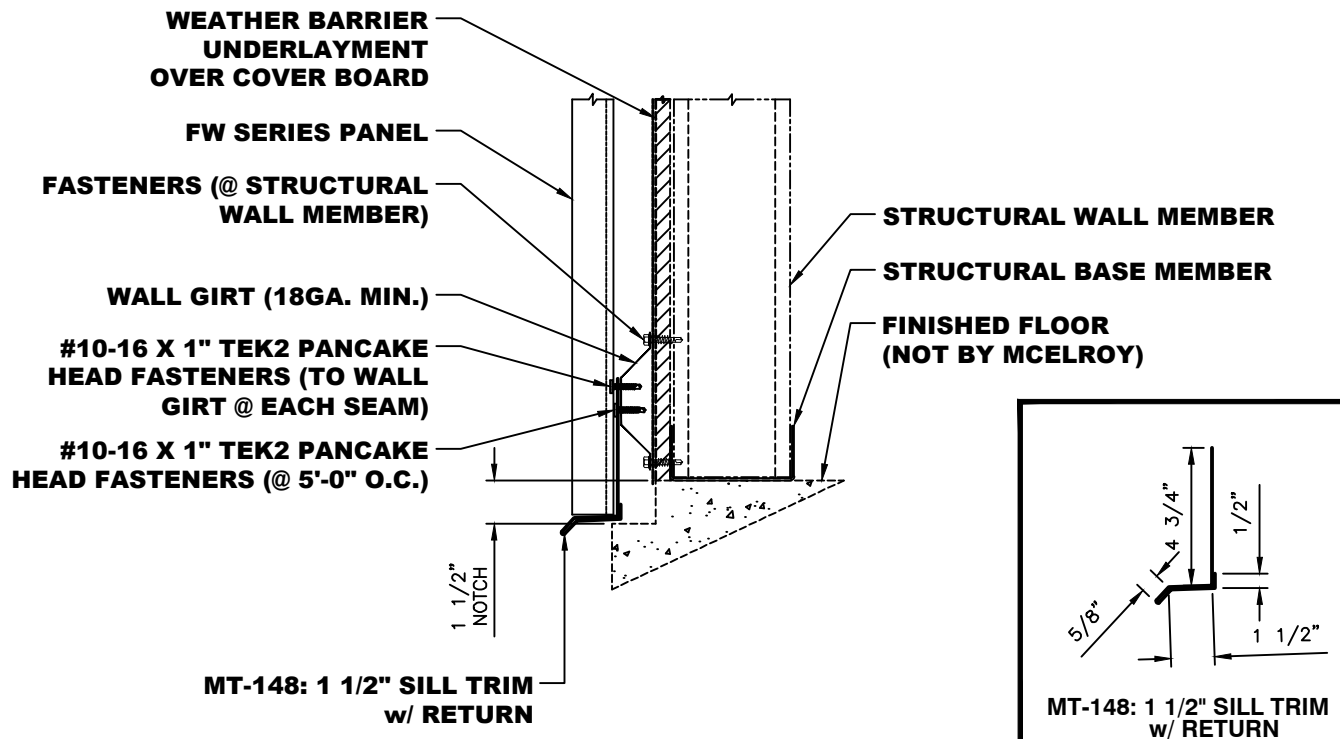


FW SERIES PANEL  
REVEAL INTERLOCK

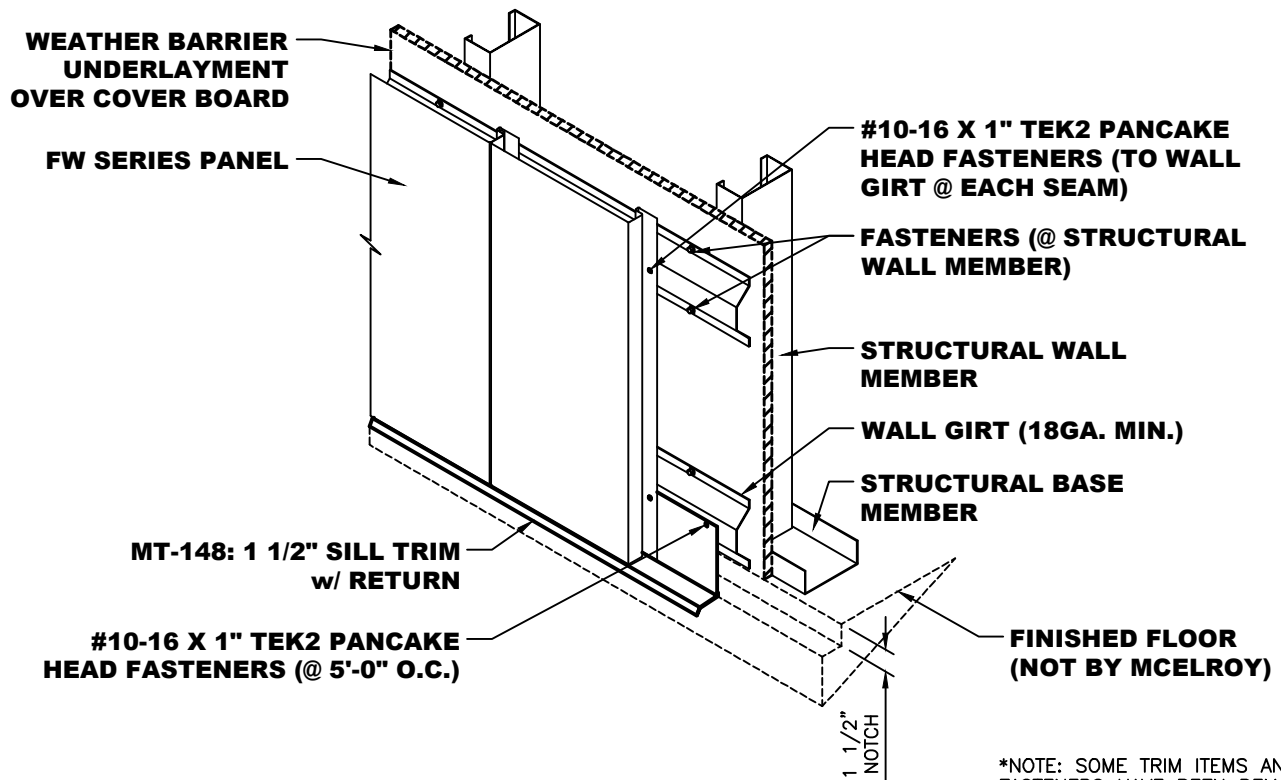
# GENERAL INFORMATION

## OPTIONAL FASTENER PATTERN

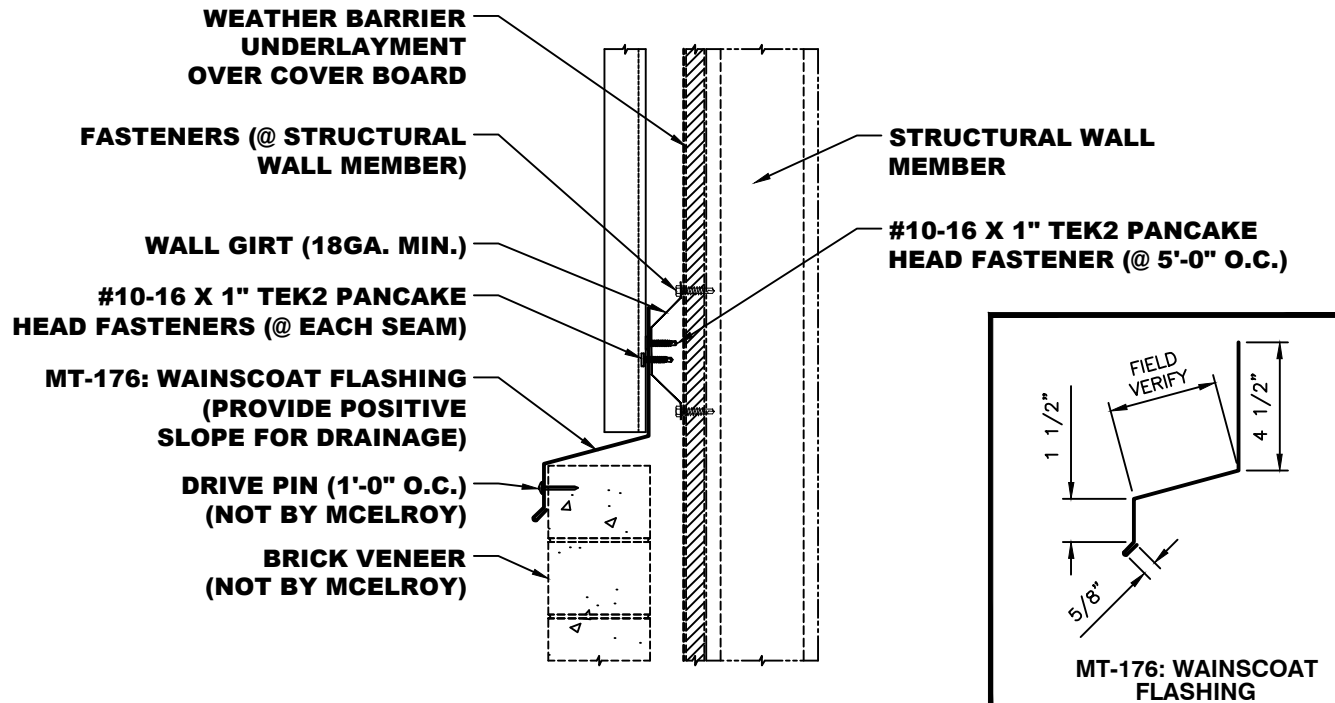




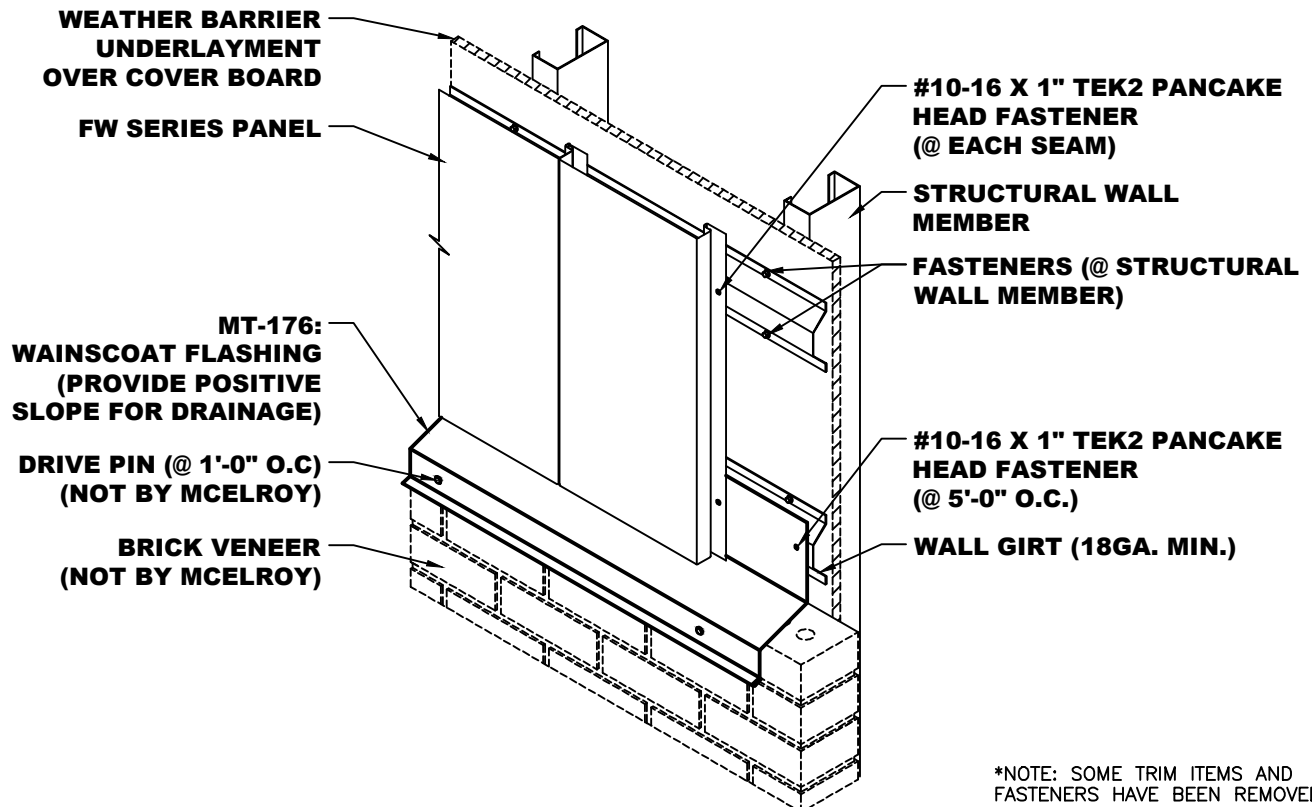
- NOTES:** 1. Attach MT-148 (1 1/2" Sill Trim w/ Return) to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fasteners at 5'-0" O.C.
2. Set FW Panel on 1 1/2" Sill Trim w/ Return. Then attach FW Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at each seam.
3. Attach FW Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Fastener at each Wall Girt.



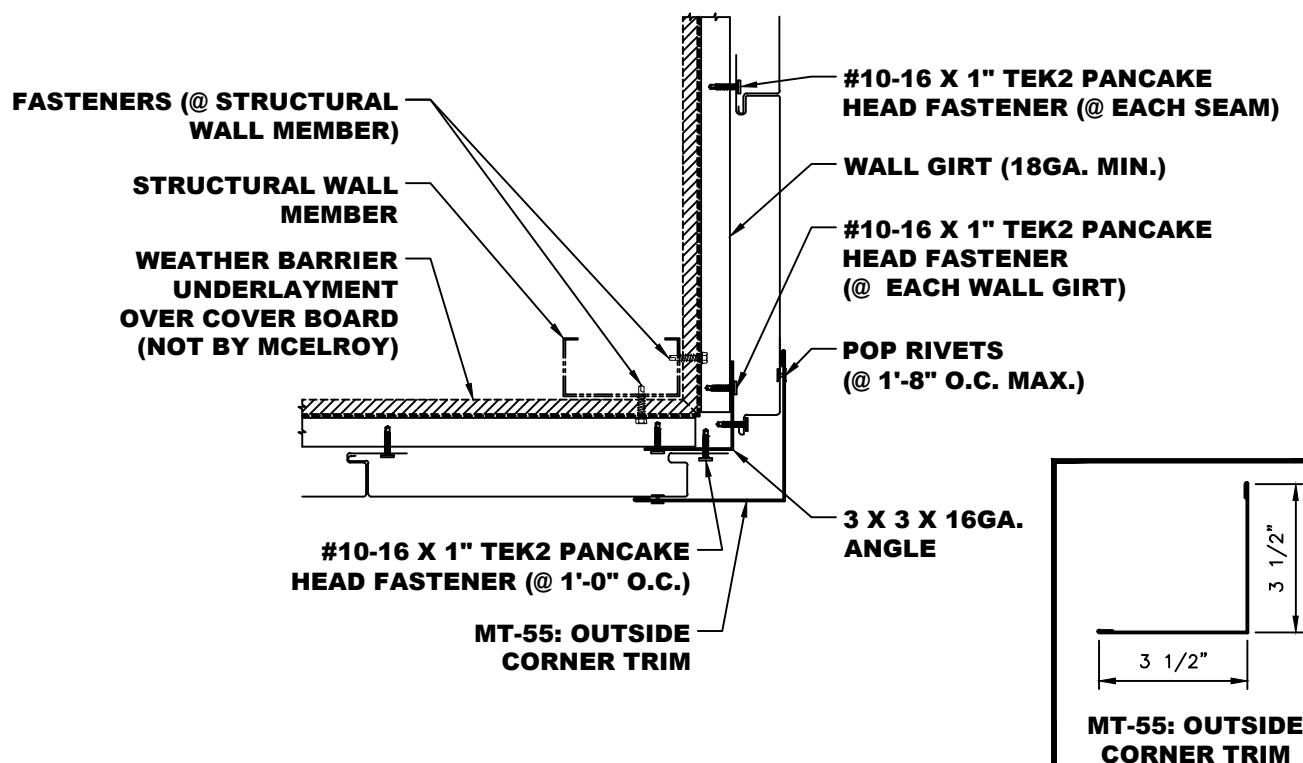
\*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC DETAIL.



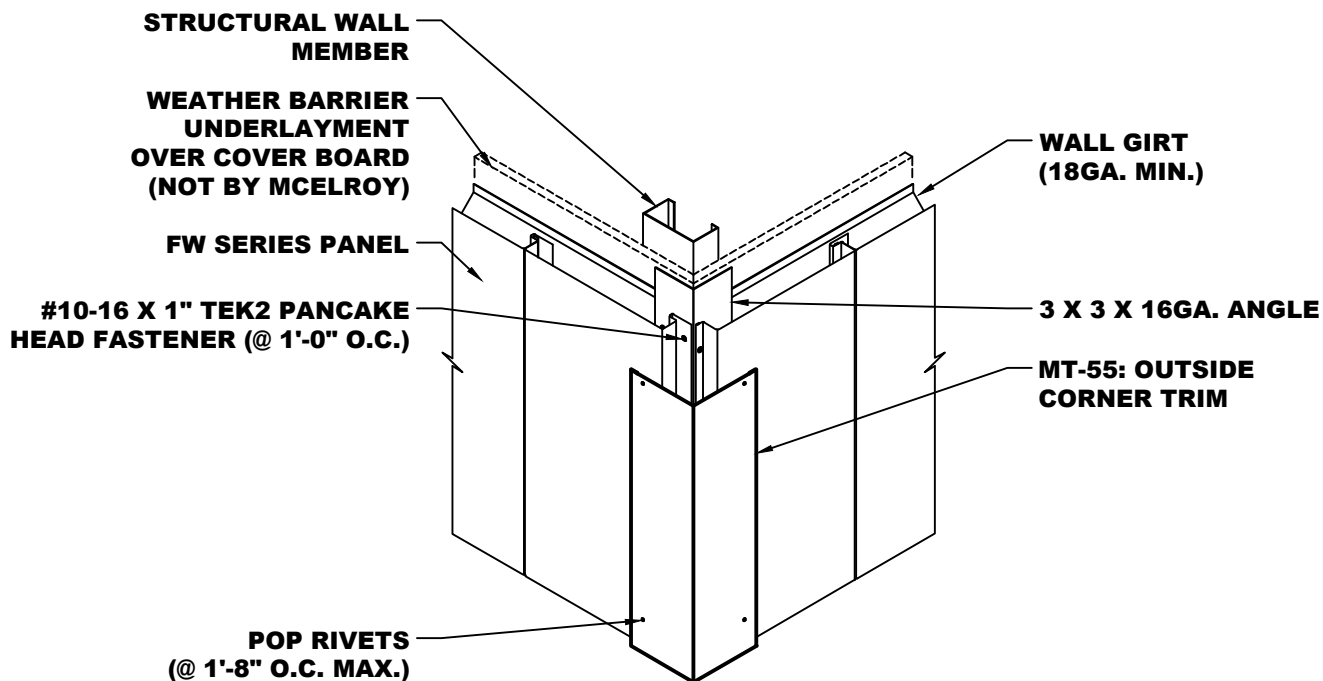
- NOTES:** 1. Attach MT-176 (Wainscoat Flashing) to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fasteners at 5'-0" O.C. Then attach MT-176 (Wainscoat Flashing) to Brick Veneer with a Drive Pin at 1'-0" O.C.
2. Set FW Panel on MT-176 (Wainscoat Flashing) then attach FW Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at each seam.



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



- NOTES:** 1. Attach FW Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at each Wall Girt.  
 2. Install FW Series Panels to Wall Girts with #10-16 x 1" Pancake Head Fasteners at each seam.  
 3. Attach MT-55 (Outside Corner Trim) to FW Series Panels with Pop Rivets at 1'-8" O.C. (MAX.)



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



# FW PANEL OUTSIDE CORNER (OFF MODULE) DETAIL

**FASTENERS (@ STRUCTURAL WALL MEMBER)**

**STRUCTURAL WALL MEMBER**

**WEATHER BARRIER UNDERLAYMENT OVER COVER BOARD (NOT BY MCELROY)**

**#10-16 X 1" TEK2 PANCAKE HEAD FASTENER (@ EACH SEAM)**

**WALL GIRT (18GA. MIN.)**

**#10-16 X 1" TEK2 PANCAKE HEAD FASTENER (@ EACH WALL GIRT)**

**MT-178: ZEE CLOSURE**

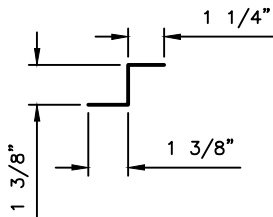
**POP RIVETS (@ 1'-8" O.C. MAX.)**

**POP RIVETS (@ 1'-0" O.C.)**

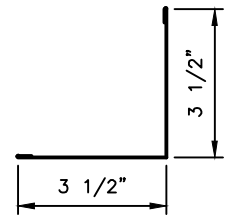
**#10-16 X 1" TEK2 PANCAKE HEAD FASTENER (@ 1'-8" O.C.)**

**MT-55: OUTSIDE CORNER TRIM**

**3 X 3 X 16GA. ANGLE**



**MT-178: ZEE CLOSURE**



**MT-55: OUTSIDE CORNER TRIM**

- NOTES:**
1. Attach MT-178 (Zee Closure) to 3 x 3 Angle with #10-16 x 1" Tek2 Pancake Head Fasteners at each Wall Girt.
  2. Install FW Series Panels to Wall Girts with #10-16 x 1" Pancake Head Fasteners at each seam.
  3. Attach FW Series Panels to MT-178 (Zee Closure) with Pop Rivets at 1'-0" O.C.
  4. Attach MT-55 (Outside Corner Trim) to MT-178 (Zee Closure) with Pop Rivets at 1'-8" O.C. (MAX.)

**STRUCTURAL WALL MEMBER**

**WEATHER BARRIER UNDERLAYMENT OVER COVER BOARD (NOT BY MCELROY)**

**FW SERIES PANEL**

**MT-178: ZEE CLOSURE**

**POP RIVETS (@ 1'-0" O.C.)**

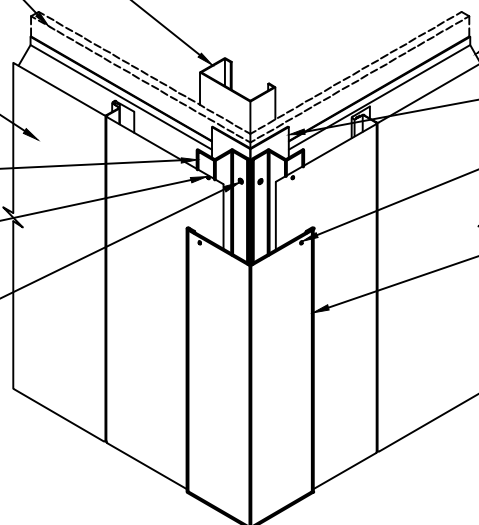
**#10-16 X 1" TEK2 PANCAKE HEAD FASTENER (@ 1'-8" O.C.)**

**WALL GIRT (18GA. MIN.)**

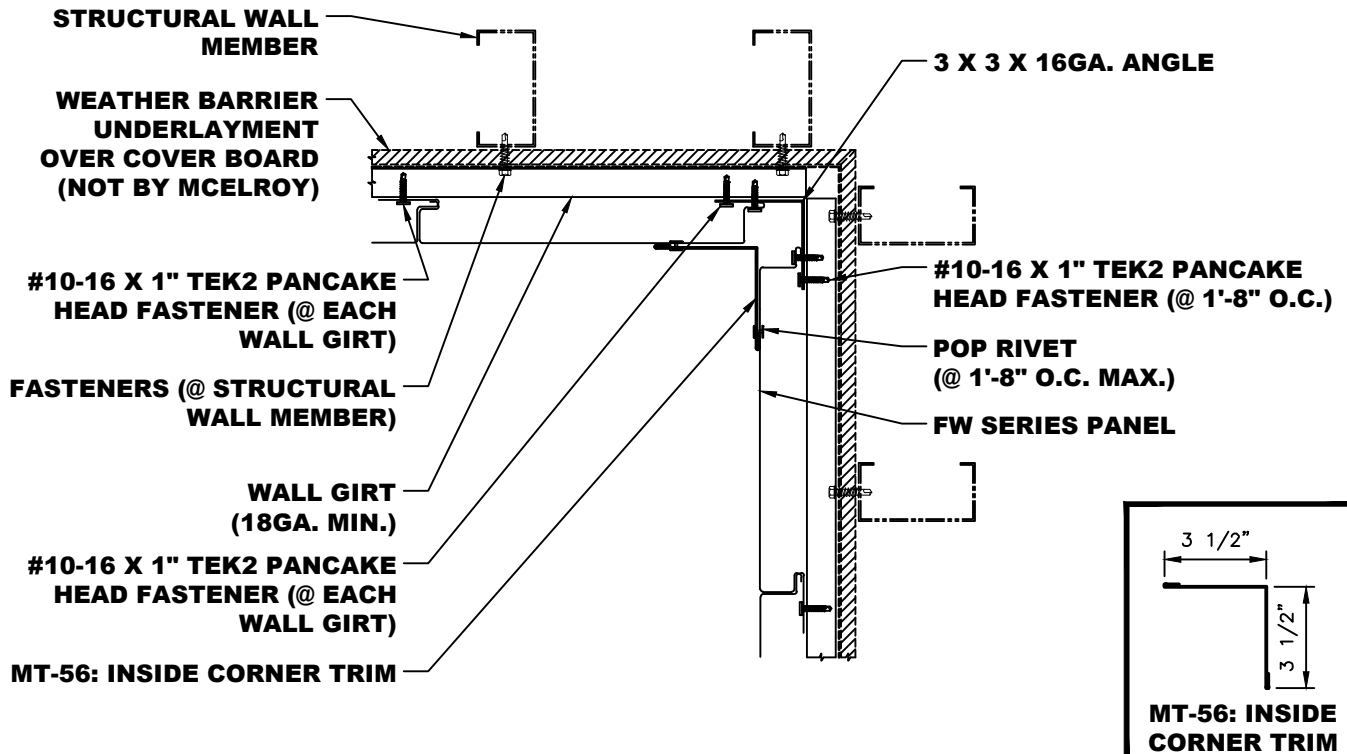
**3 X 3 X 16GA. ANGLE**

**POP RIVET (@ 1'-0" O.C.)**

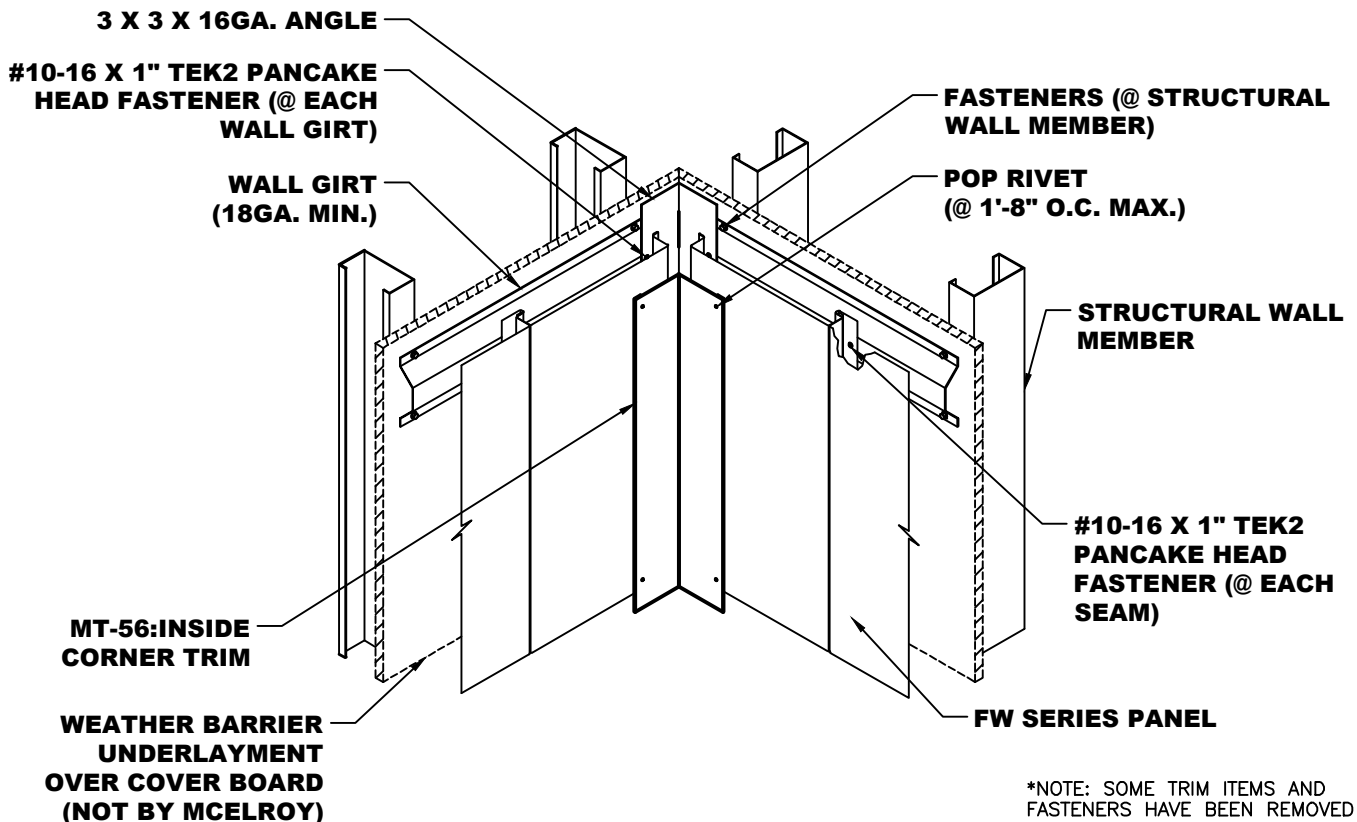
**MT-55: OUTSIDE CORNER TRIM**



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



- NOTES:** 1. Attach FW Series Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at each seam.  
2. Attach MT-56 (Inside Corner Trim) to FW Series Panel with Pop Rivets at 1'-8" O.C. (Max.)



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

WEATHER BARRIER  
UNDERLAYMENT  
OVER COVER BOARD  
(NOT BY MCELROY)

#10-16 X 1" TEK2  
PANCAKE HEAD  
FASTENER (@ EACH  
WALL GIRT)

WALL GIRT  
(18GA. MIN.)

FW SERIES PANEL

STRUCTURAL WALL  
MEMBER

FASTENERS (@ STRUCTURAL  
WALL MEMBER)

MT-179: JAMB TRIM

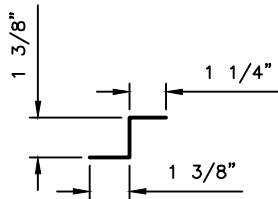
2 X 4 X 16GA. ANGLE

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

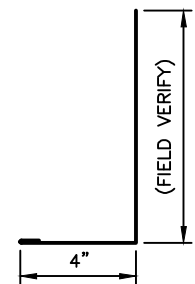
MT-178: FW SERIES  
ZEE CLOSURE

#10-16 X 1" TEK2  
PANCAKE HEAD  
FASTENER (@  
EACH WALL  
GIRT)

POP RIVET  
(@ 1'-8" O.C. MAX.)



MT-178: ZEE CLOSURE



MT-179: JAMB TRIM

- NOTES:** 1. Attach FW Series Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at each Wall Girt.  
2. Attach MT-178 (Zee Closure) to 2 x 4 Angle with #10-16 x 1" Tek2 Pancake Head Fasteners at 1'-0" O.C.  
3. Attach MT-179 (Jamb Trim) flush with Structural Member and MT-178 (Zee Closure). Then attach MT-179 (Jamb Trim) to MT-178 (Zee Closure) with Pop Rivets at 1'-8" O.C. (Max.)

WEATHER BARRIER  
UNDERLAYMENT  
OVER COVER BOARD  
(NOT BY MCELROY)

WALL GIRT  
(18GA. MIN.)

#10-16 X 1" TEK2 PANCAKE  
HEAD FASTENER (@ EACH  
SEAM)

FW SERIES PANEL

POP RIVET  
(@ 1'-8" O.C. MAX.)

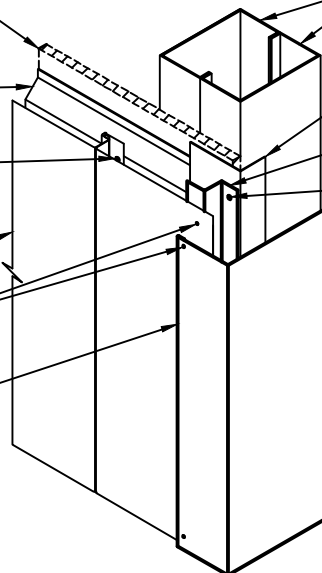
MT-179: JAMB TRIM

STRUCTURAL WALL  
MEMBER

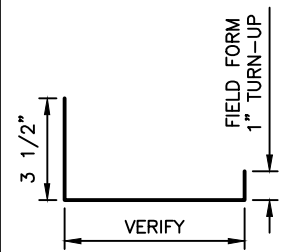
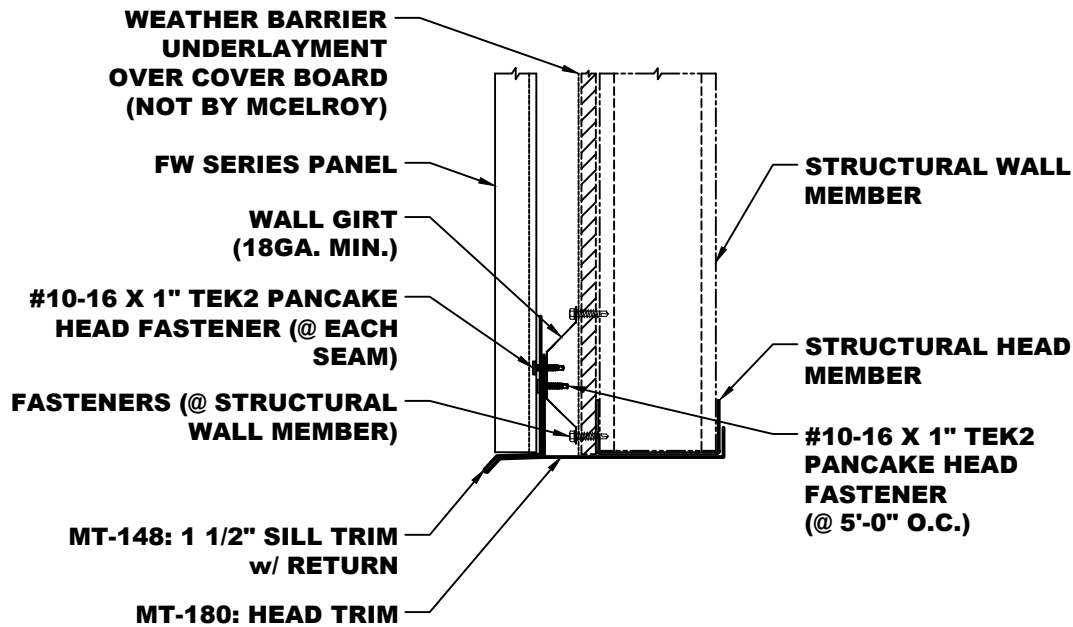
2 X 4 X 16GA. ANGLE

MT-178: ZEE CLOSURE

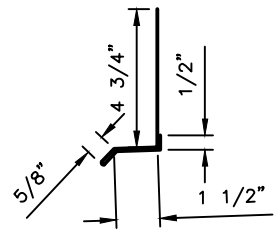
#10-16 X 1" TEK2 PANCAKE  
HEAD FASTENER (@ 1'-0" O.C.)



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

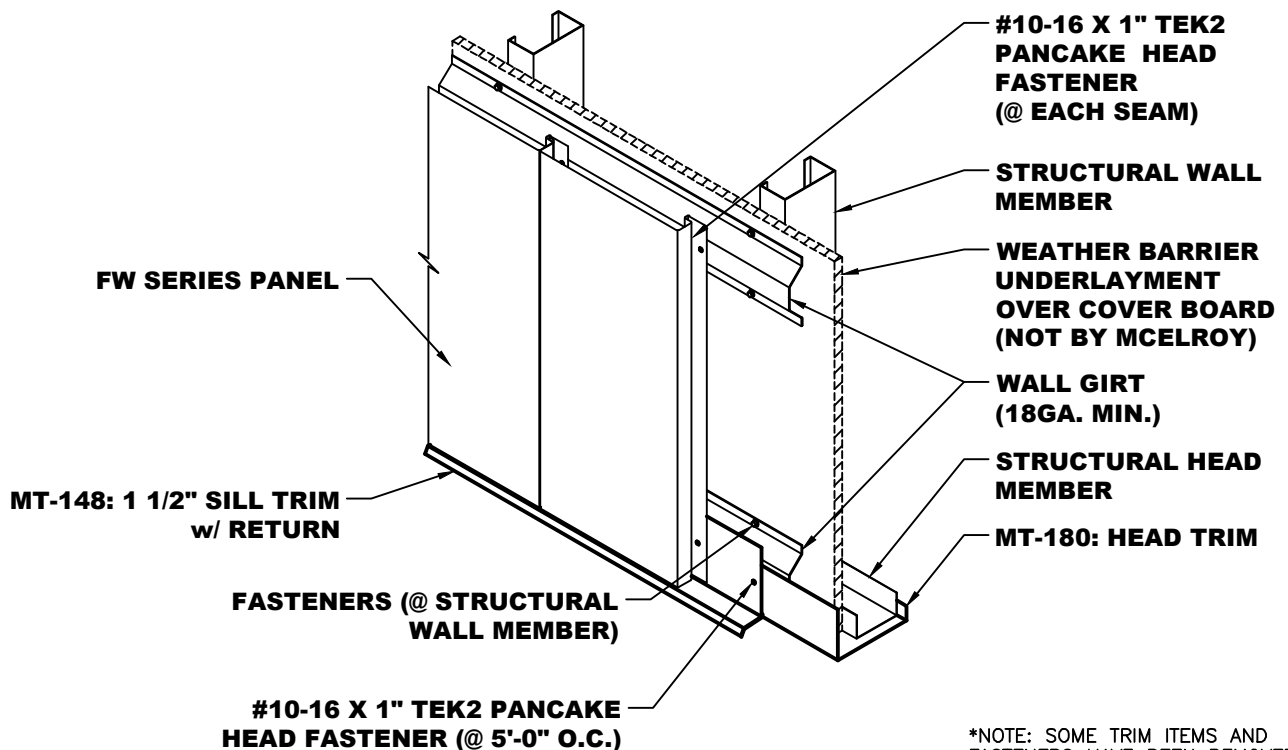


MT-180: HEAD TRIM



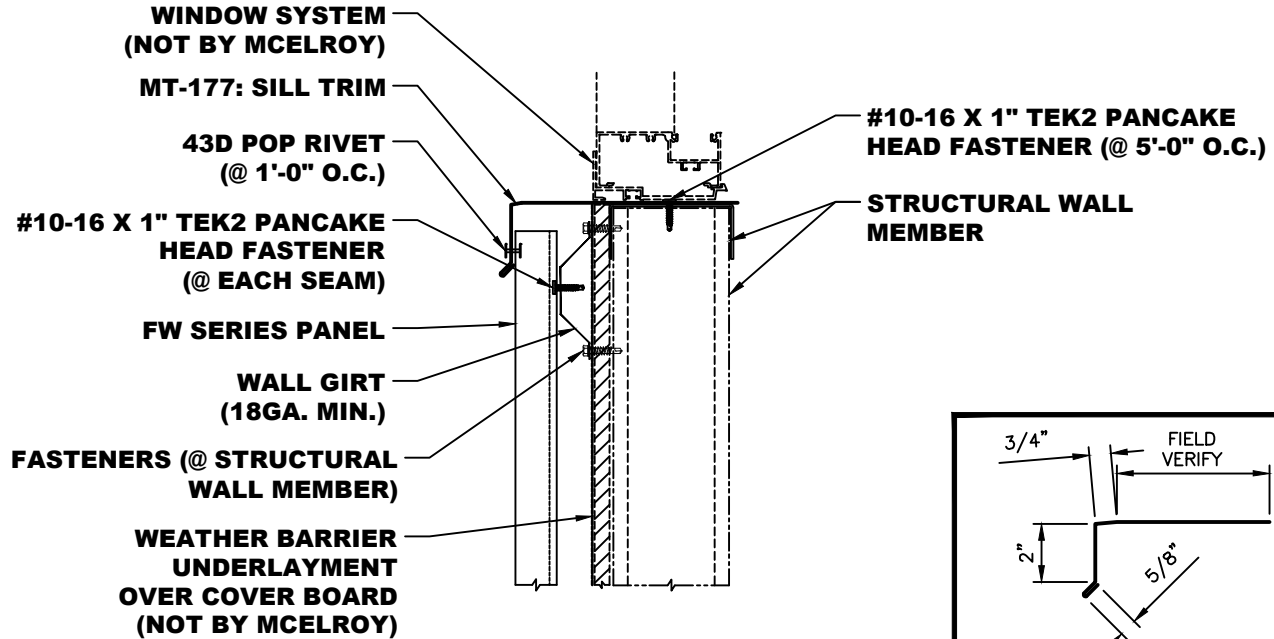
MT-148: 1 1/2" SILL TRIM w/ RETURN

- NOTES:** 1. Set MT-148 (1 1/2" Sill Trim w/ Return) flush with MT-180 (Head Trim). Then attach MT-148 (1 1/2" Sill Trim) to Wall Girt with #10-16 x 1" Tek2 Pancake Fastener at 1'-0" O.C.
2. Attach FW Panel with #10-16 x 1" Tek2 Pancake Fastener to Wall Girts at each seam.



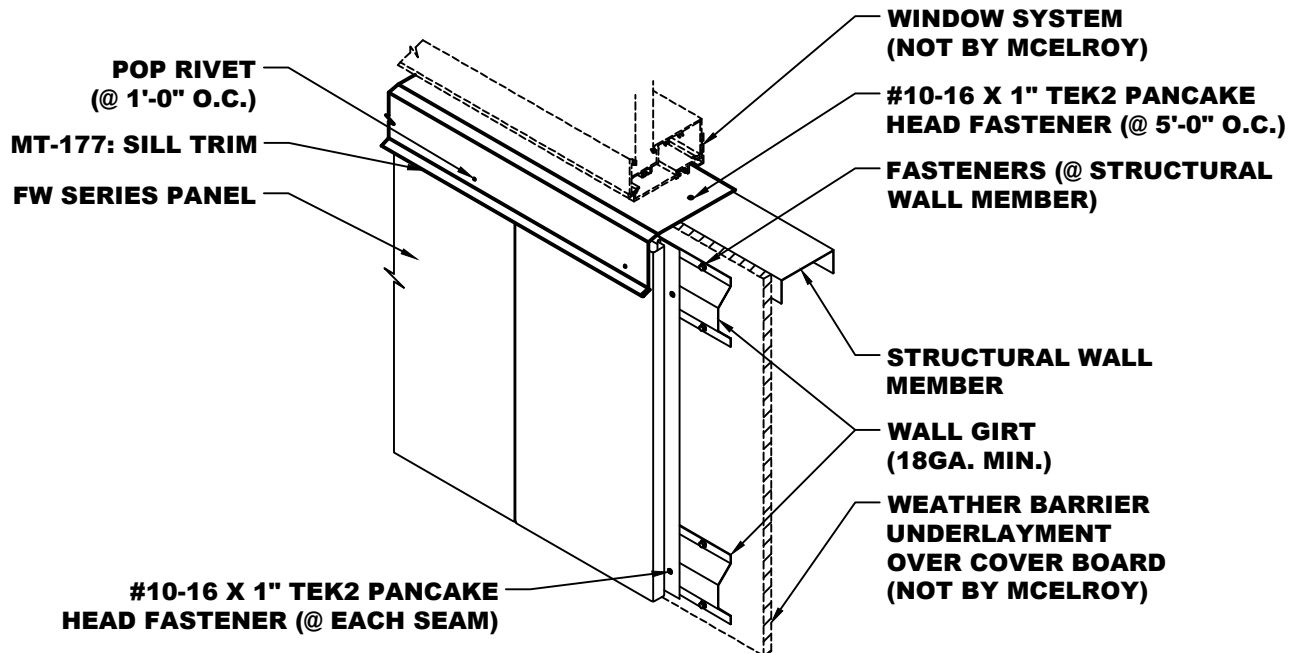
\*NOTE: SOME TRIM ITEMS AND FASTENERS HAVE BEEN REMOVED FOR CLARITY OF ISOMETRIC DETAIL.





MT-177: SILL TRIM

- NOTES:** 1. Attach FW Series Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fasteners at each seam.  
 2. Attach MT-177 (Sill Trim) to Structural Base Member with #10-16 x 1" Tek2 Pancake Head Fastener at 5'-0" O.C. Then attach MT-177 (Sill Trim) to FW Series Panel With Pop Rivets at 1'-0" O.C.



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

#10-16 X 1" TEK2 PANCAKE  
HEAD FASTENER (@ EACH SEAM)

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

MT-181: ZEE SILL TRIM

POP RIVET  
(@ 1'-0" O.C.)

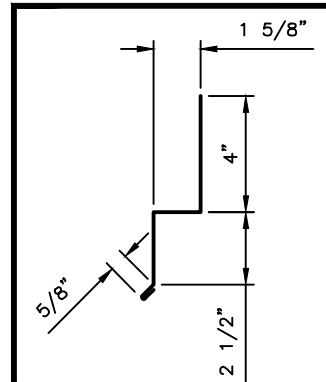
FASTENERS (@ STRUCTURAL  
WALL MEMBER)

WEATHER BARRIER  
UNDERLAYMENT  
OVER COVER BOARD  
(NOT BY MCELROY)

FW SERIES PANEL

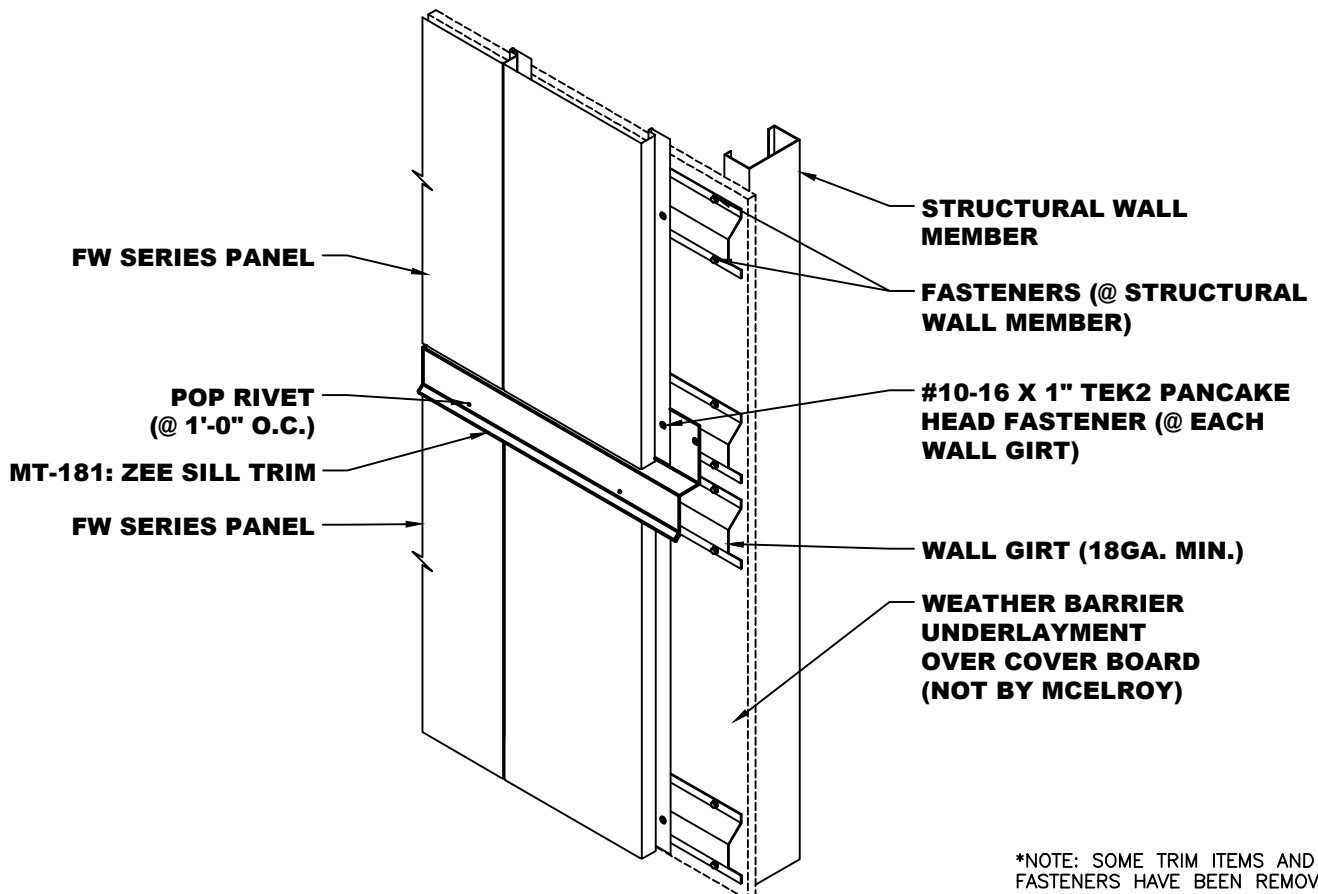
STRUCTURAL WALL  
MEMBER

WALL GIRT  
(18GA. MIN.)



MT-181: ZEE SILL TRIM

- NOTES:** 1. Attach lower FW Series Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Fastener at each seam.  
2. Place MT-181 (Sill Trim) on lower FW Series Panel attach MT-181 (Sill Trim) to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fastener at 5'-0" O.C. Then attach MT-181 (Sill Trim) to lower FW Series Panel with Pop Rivets at 1'-0" O.C.  
3. Attach upper FW Series Panel to Wall Girt with #10-16 x 1" Tek2 Pancake Head Fasteners at each seam.



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





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409 Lovejoy Road Ft. Walton Beach, FL 32548	3014 Lincoln Court Garland, TX 75041	1440 Aldine Bender Road Houston, TX 77032	221 Benelli Drive Hutto, TX 78634
10504 E. 59th Street Indianapolis, IN 46236	32 Industrial Circle Lancaster, PA 17601	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	8304 Hwy. 70 E. North Little Rock, AR 72117
613 North Bierdeman Rd. Pearl, MS 39208	8511 Industrial Drive Pearland, TX 77584	2755 Hwy 60 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			

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