138T



INSTALLATION

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DETAIL DESCRIPTION

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GENERAL NOTES

The details shown on the following pages are suggestions or guidelines for installing the 138T 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. In addition, other details may be perfectly acceptable for use. Please contact McElroy Metal for assistance in determining if a detail is acceptable.

Installation procedures shall be in accordance with the manufacturer's printed instructions, details or approved shop drawings. Installers should thoroughly familiarize 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.

Awareness of and allowance for expansion/contraction of the roof panels.

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.

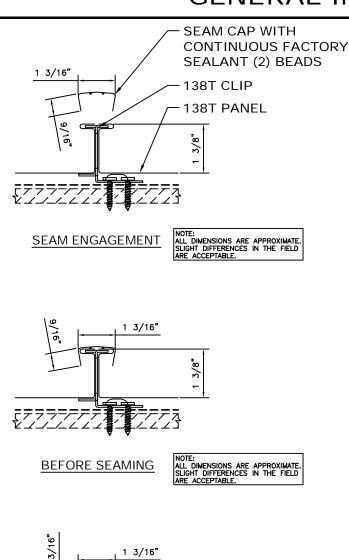
Oil canning of metal panels is inherent in the product and is not a cause for rejection. Plank and Pencil Rib panels are recommended as to reduce the appearance of oil canning.

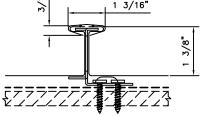
Contents of this manual are subject to change without notice. To confirm this book is the most current copy, please visit McElroy Metal's website at www.mcelroymetal.com.

Optional details can also be found on our website.



GENERAL INFORMATION





AFTER SEAMING



NOTE:

Mechanical seamers and hand seamers are available for rental through McElroy's approved seamer supplier at the following website. Go to: http://www.mcelroyseamers.com

!!!ATTENTION!!!

If a panel or seam becomes damaged, the installer can rent a "de-seamer" through the same website listed above.

ATTENTION

READ THE SEAMER INFORMATION THOROUGHLY BEFORE STARTING THE SEAMING OPERATION. FAILURE TO ADHERE TO THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY AND DAMAGE TO THE SEAMER AND/OR PANELS. THE ERECTOR WILL BE HELD LIABLE FOR ANY COSTS INCURRED FOR REPLACEMENT OR REPAIR.

PRE-SEAMING INFORMATION

- 1. Locate seamer box. Check to make sure you received an electric seamer, parts box, return shipping label and an information booklet. If not, please call our Technical Services Department. (Hand Seamers must be rented.)
- 2. Locate power source and check against power requirements in the information booklet.
- 3. Check seams for proper engagement.
- Clean dirt, debris and excess sealant from seams and panel surfaces to avoid interfering with the seaming operation.

HAND SEAMING OPERATION

!!!ATTENTION!!!

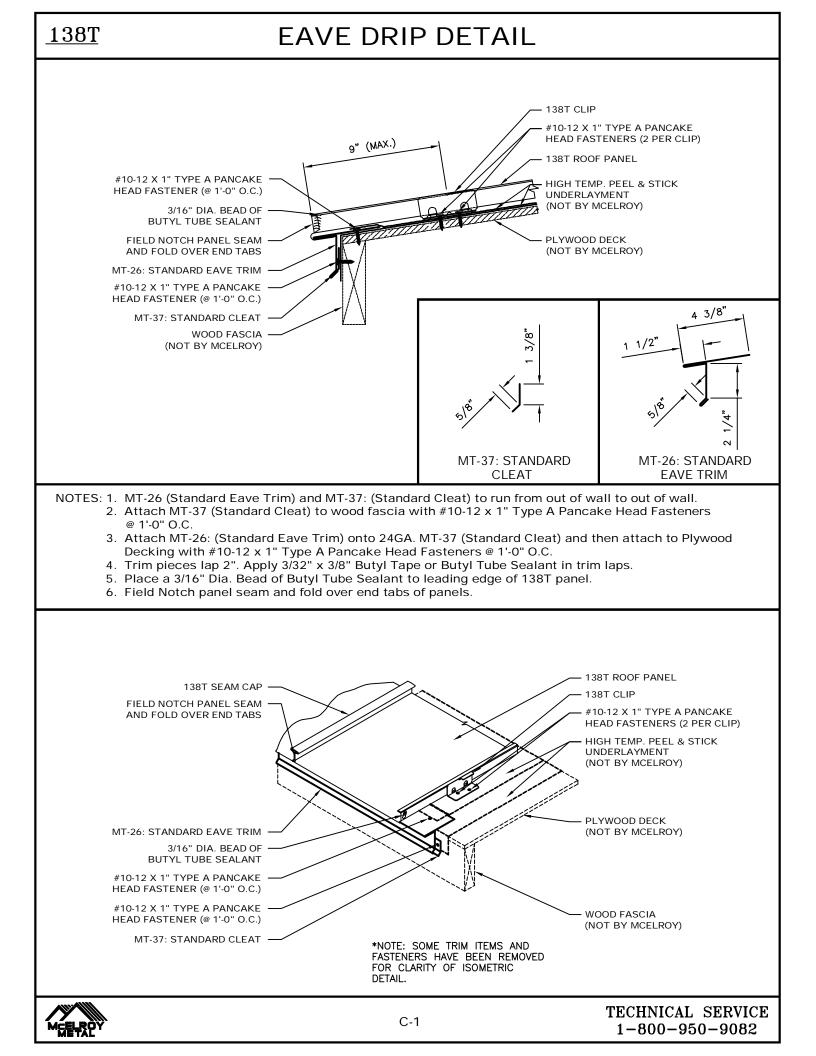
It is critical that the panel seams are crimped and folded before using the electric seamer. Failure to follow these guidelines will result in damaged seams.

To begin seaming, set the hand seamer on the seam. Align the edge of the hand seamer about one to two inches pass the edge of the panel. Crimp the panel 3 to 4 times along the seam for a total of 12" at the eave and 5 or 6 times along the seam for a total of 18" at the ridge and then at every clip.



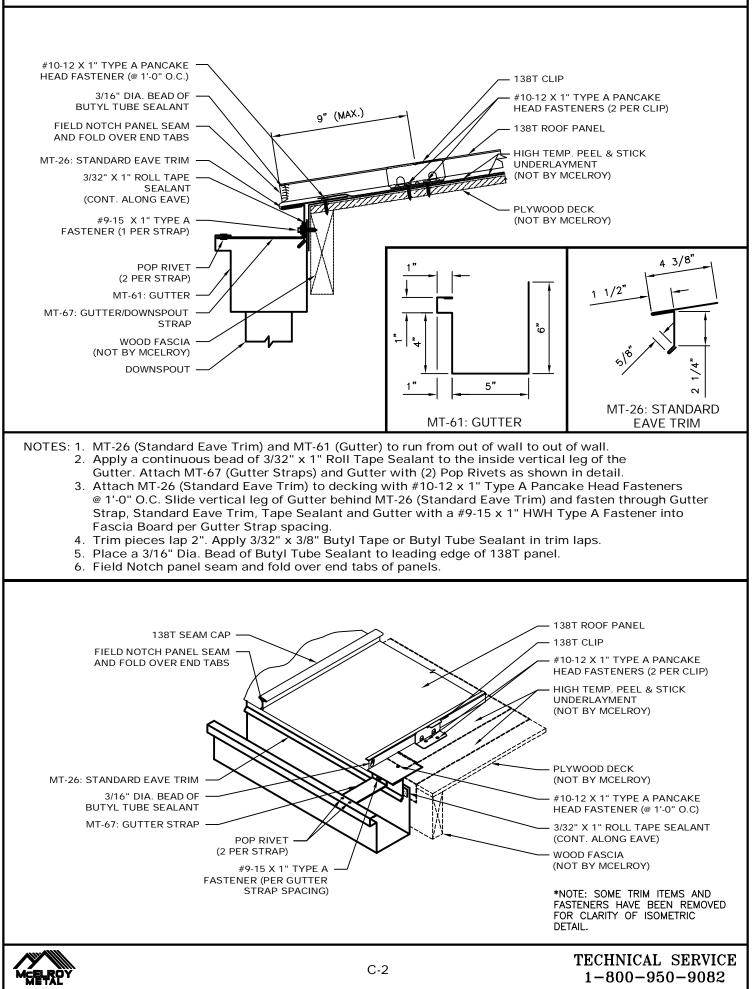
CAUTION: The use of any seaming machine or tools other than that recommended by the manufacturer, may damage the panels, void all warranties and will void all engineering data.

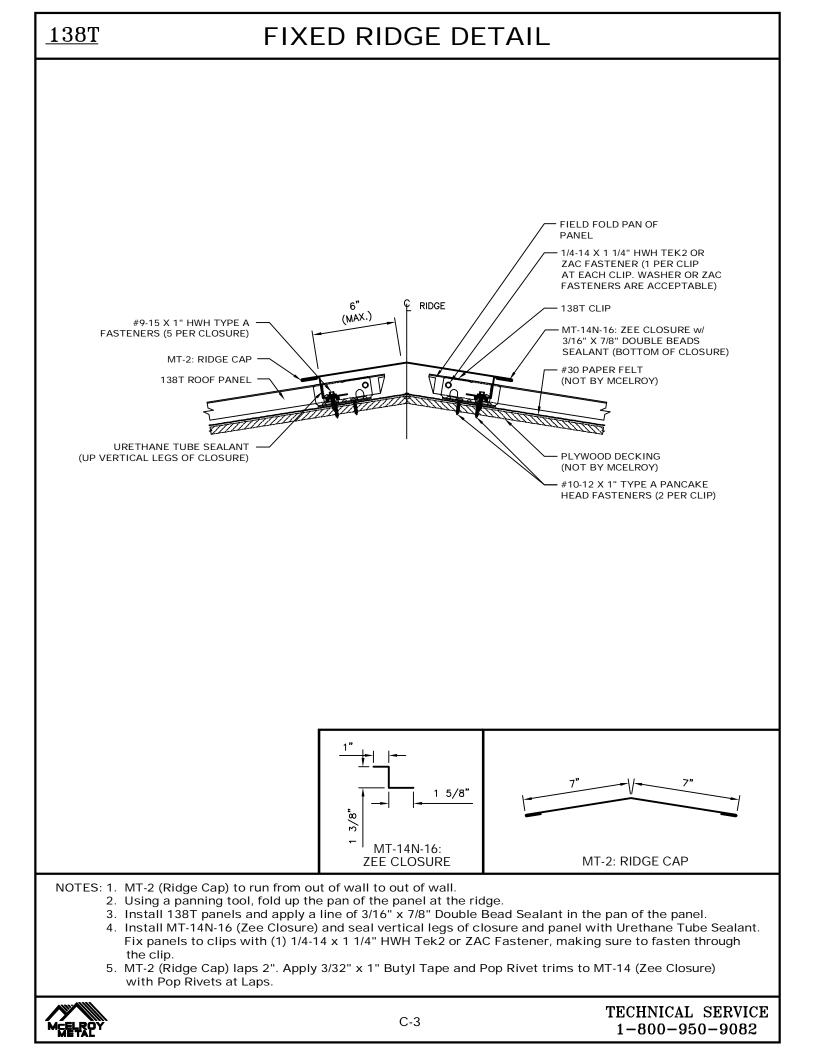


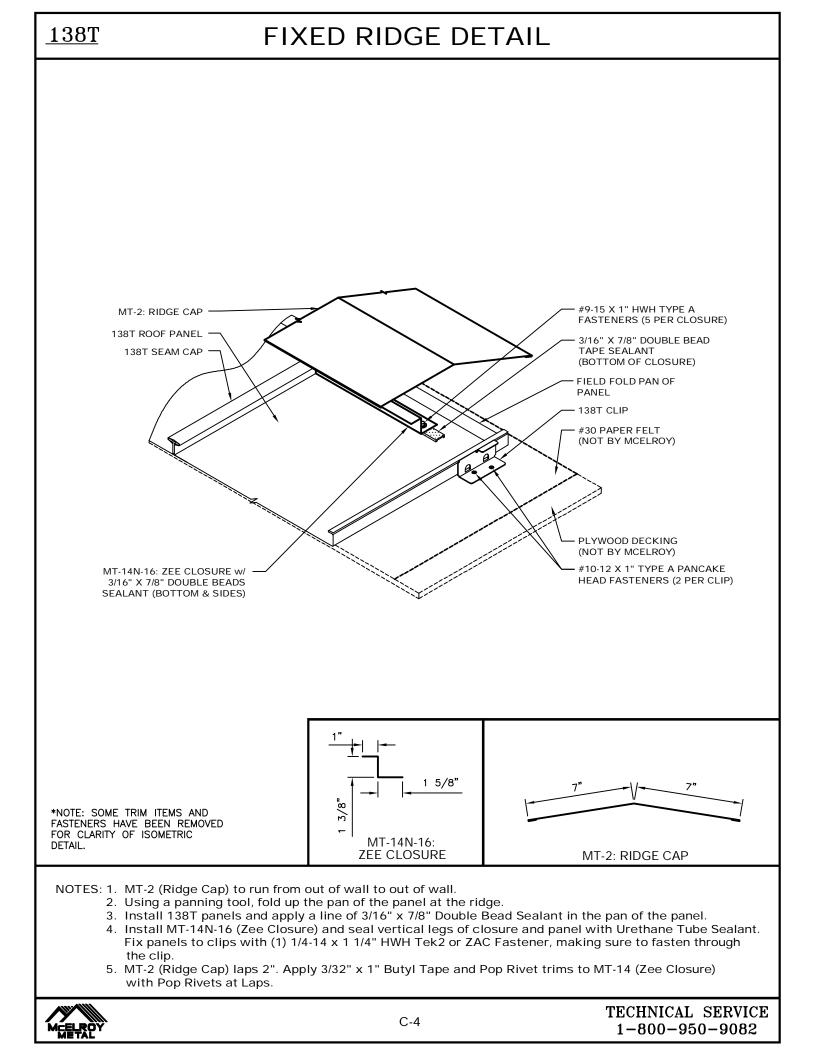


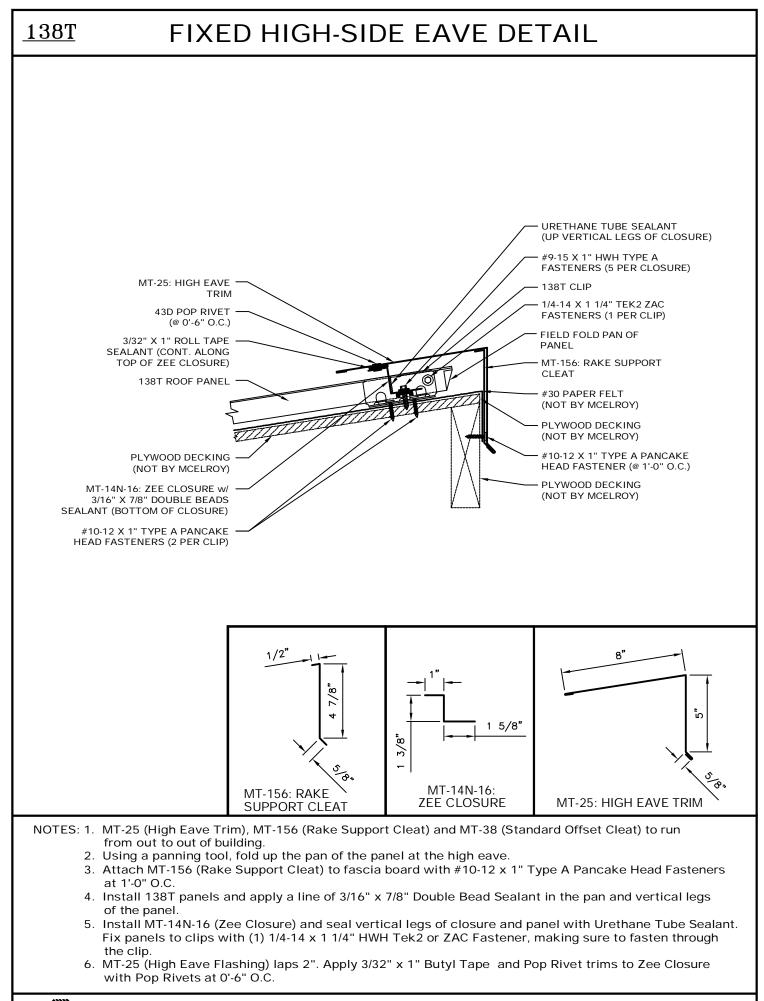
138T

EAVE DRIP w/ GUTTER DETAIL





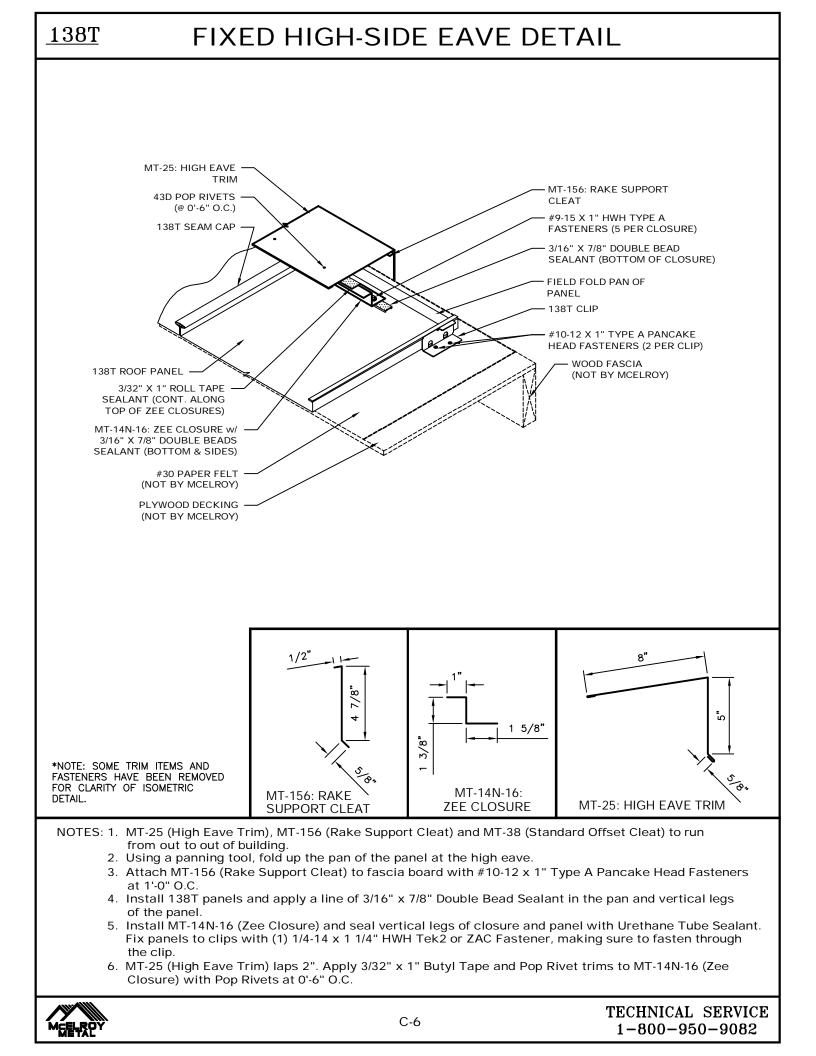


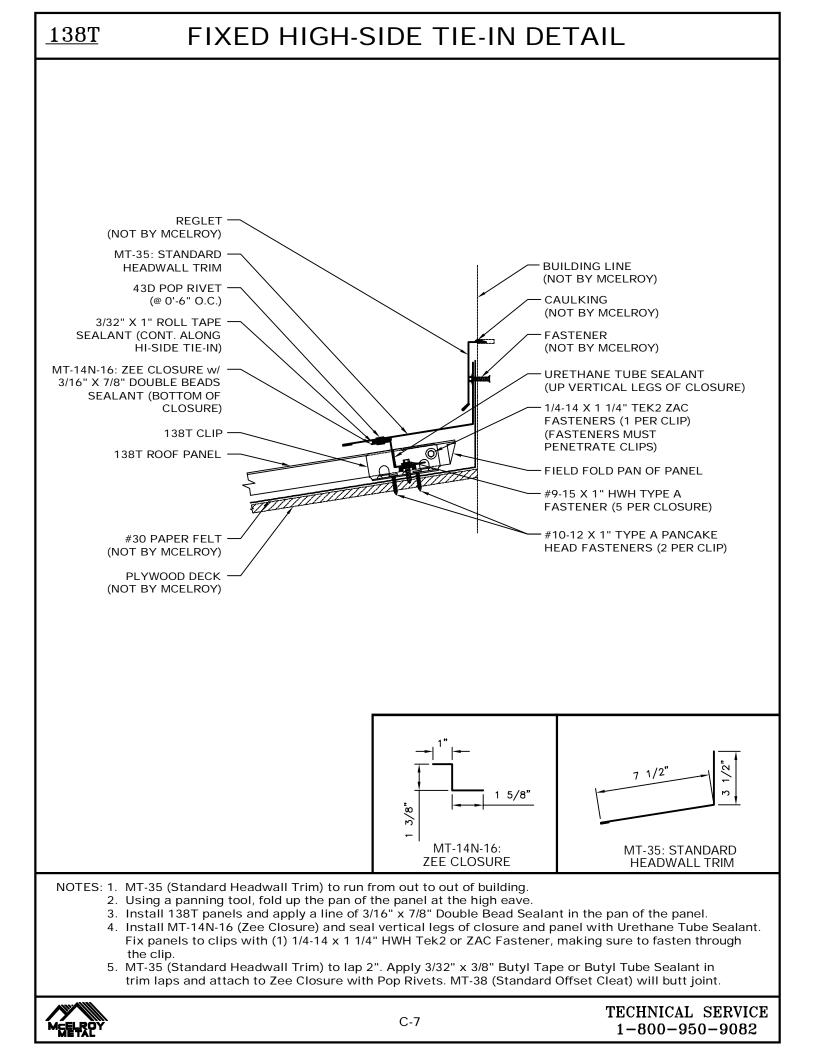


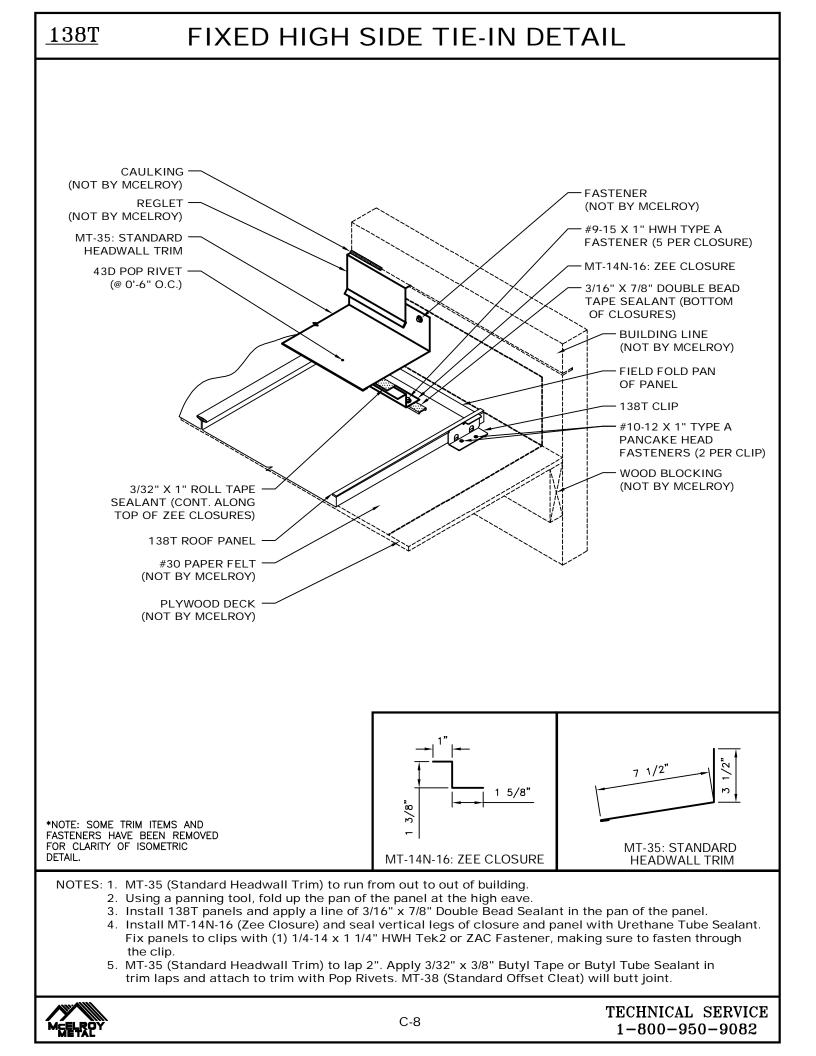


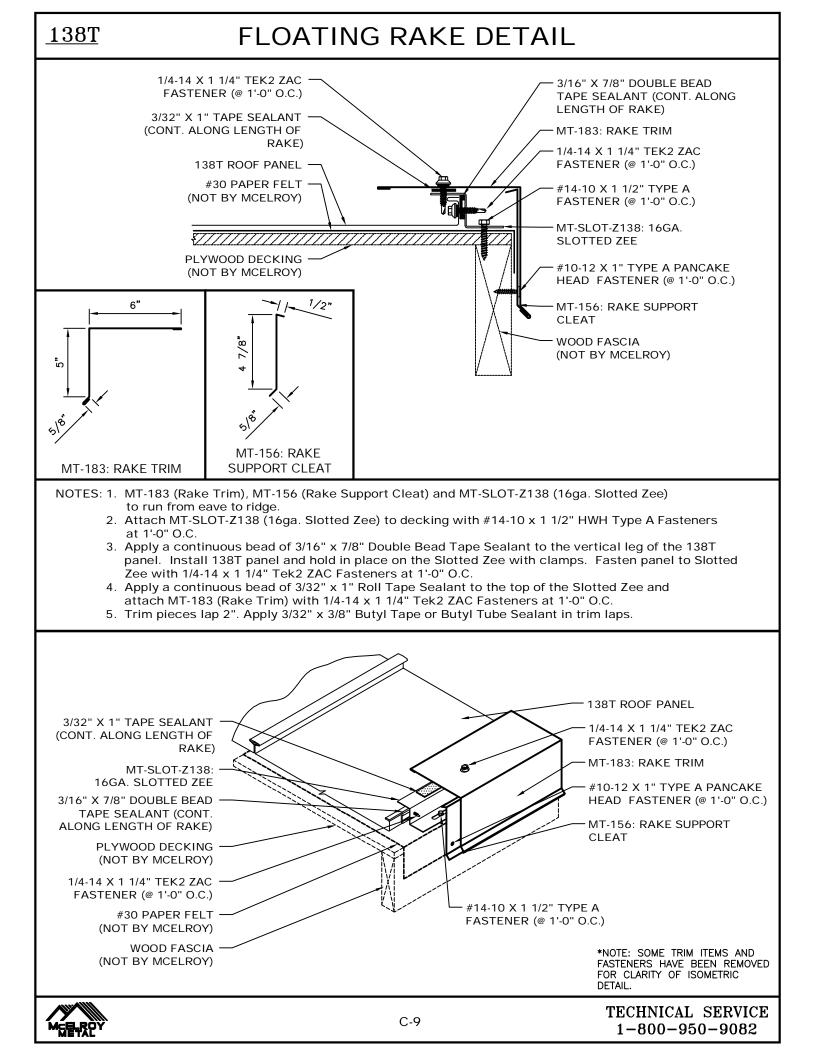
TECHNICAL SERVICE

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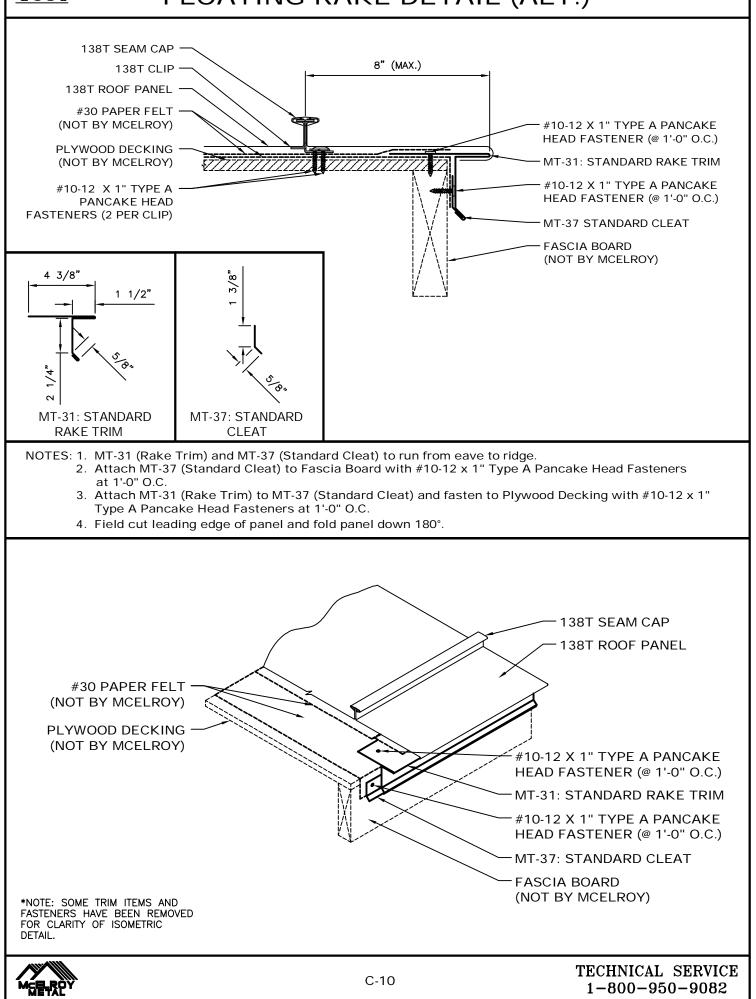


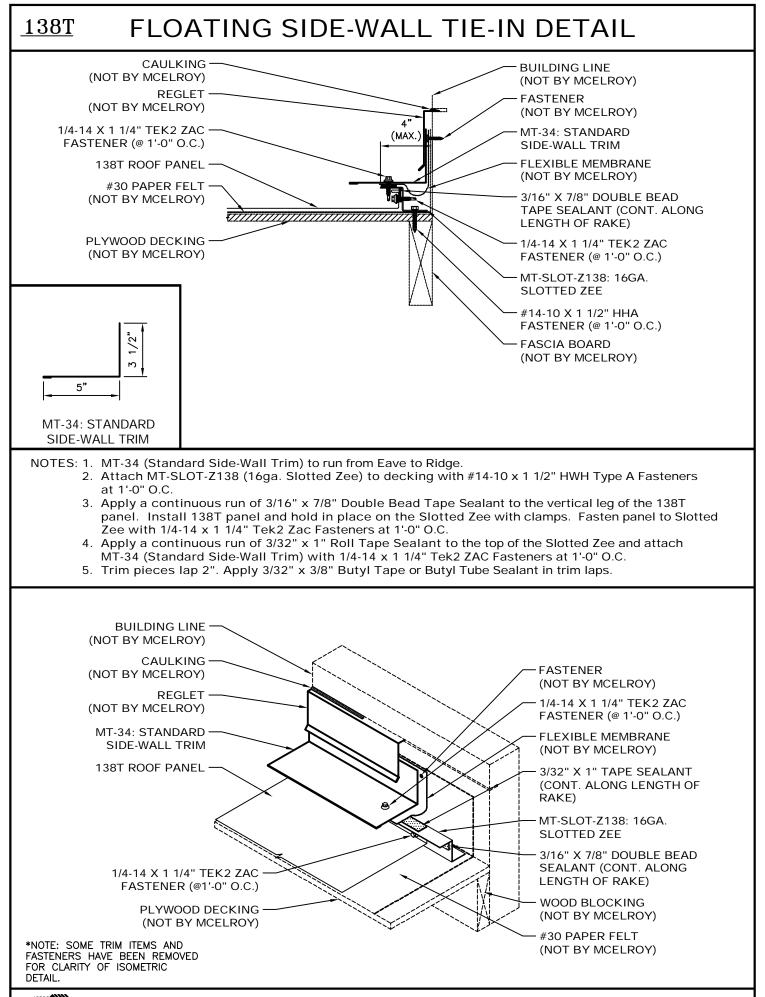




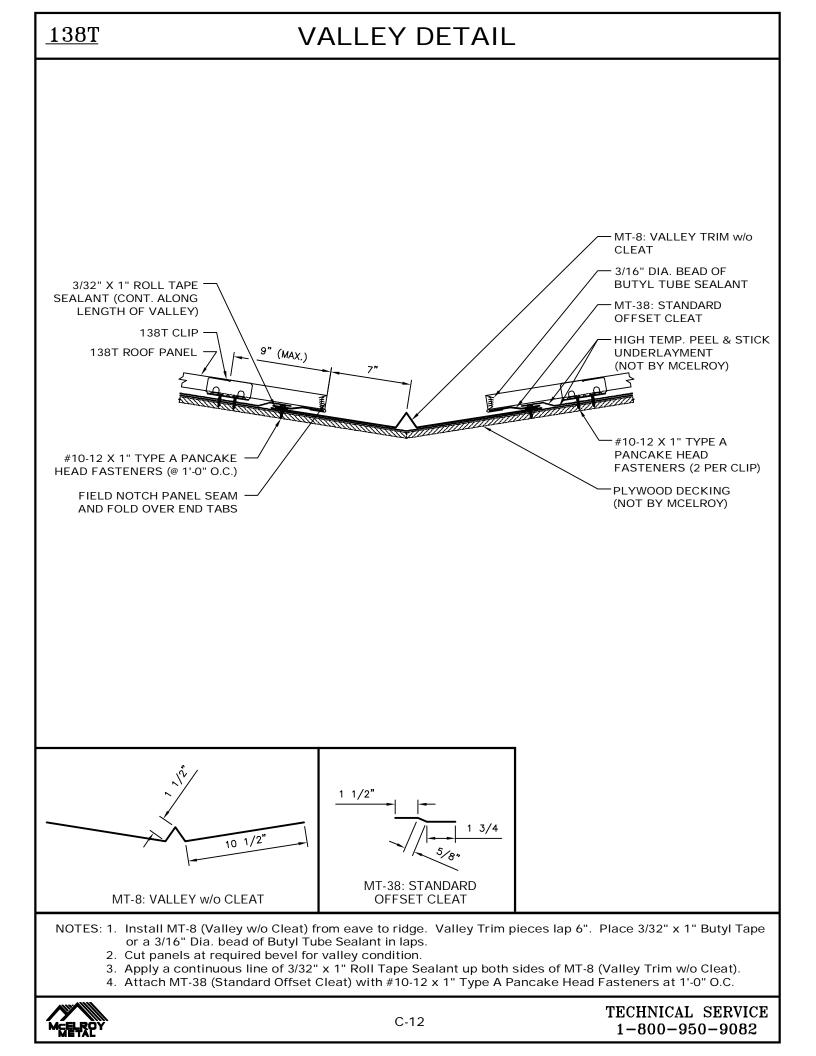


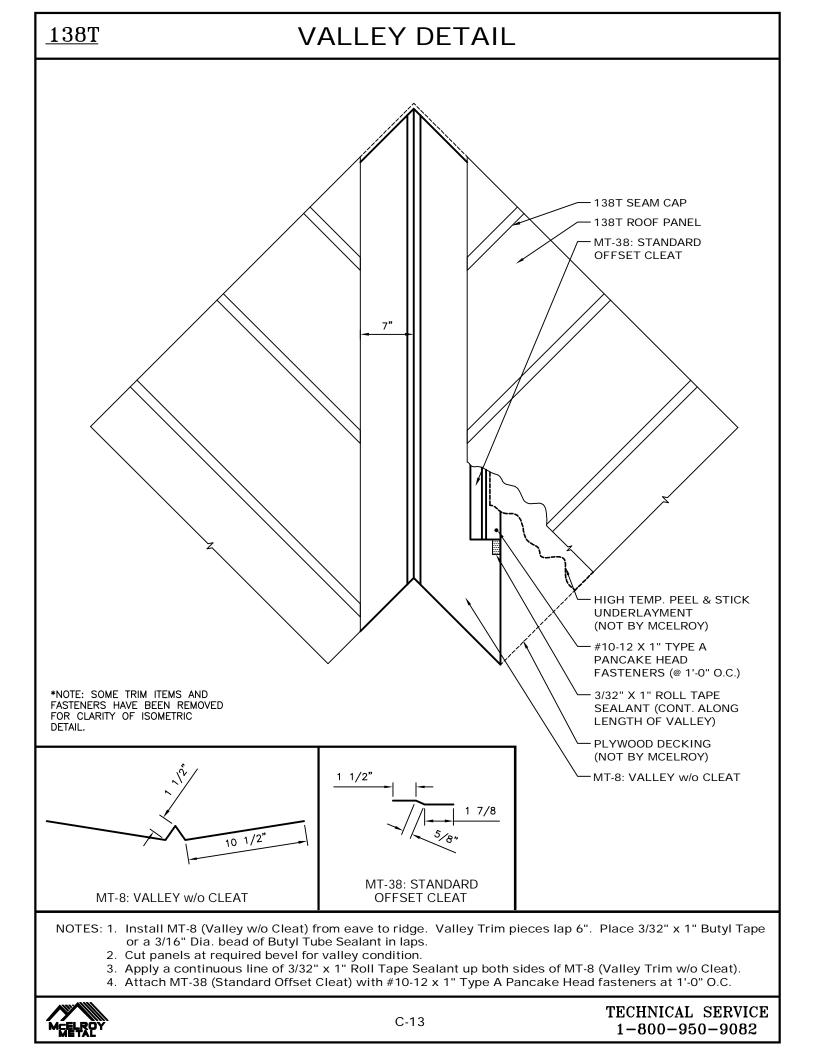
FLOATING RAKE DETAIL (ALT.)

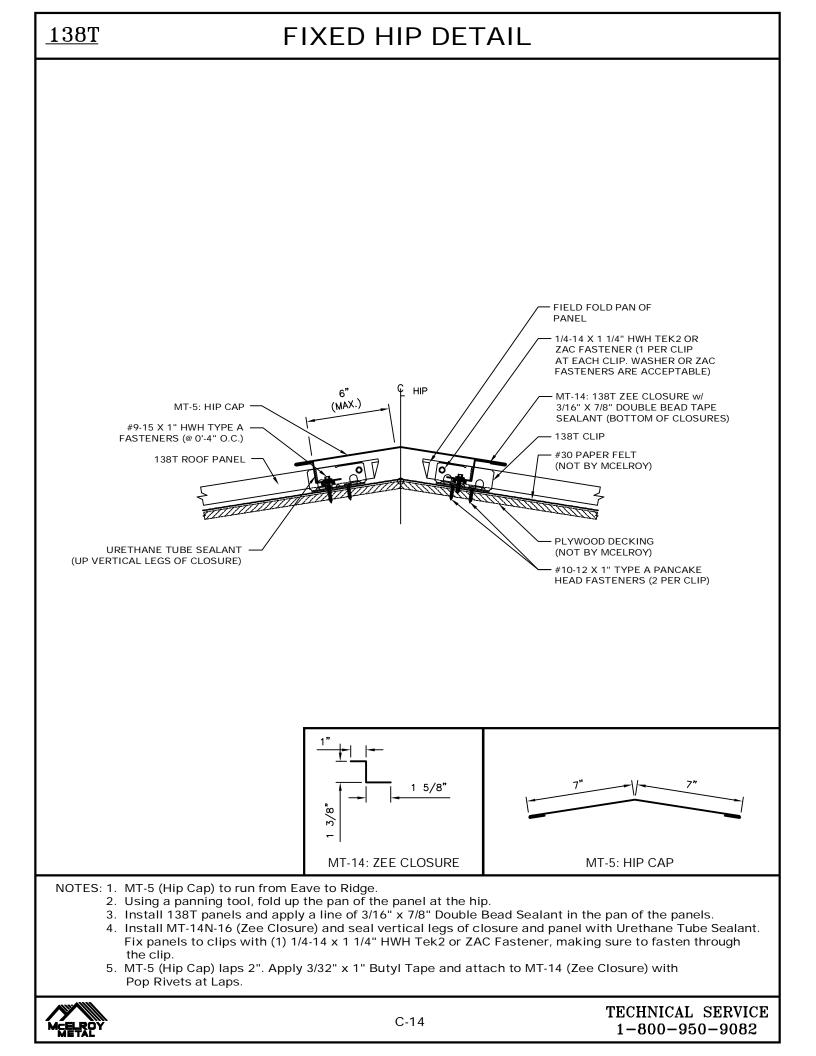


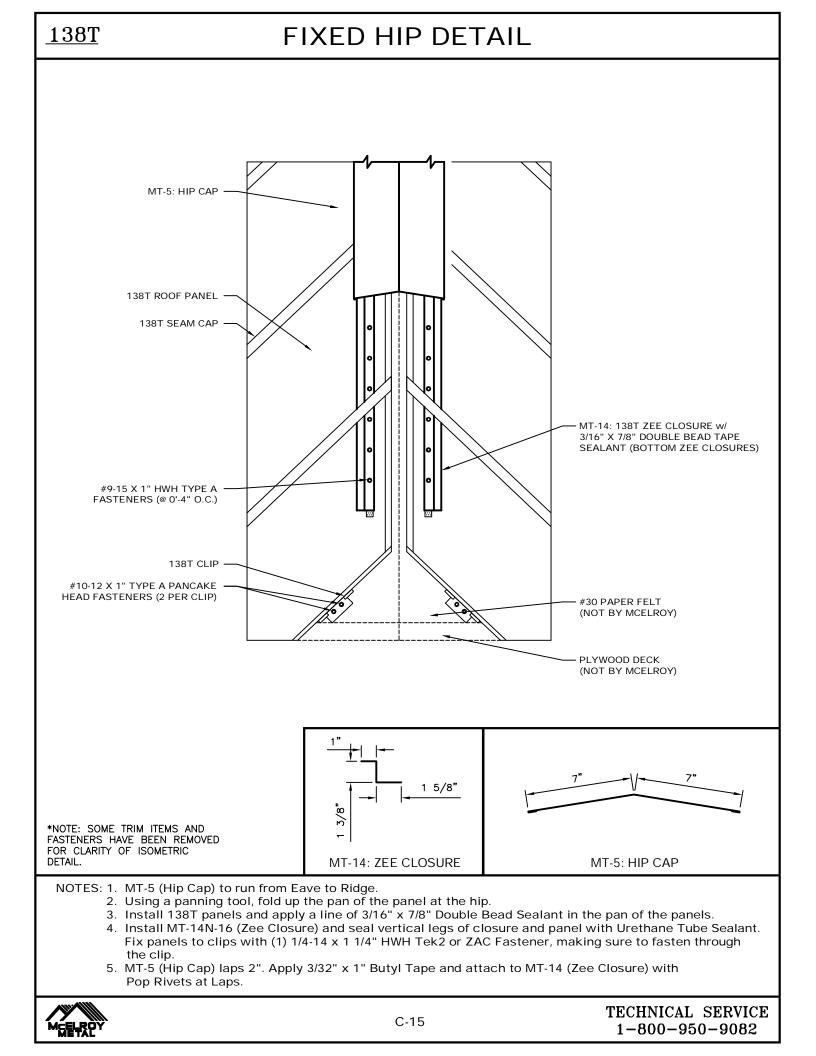


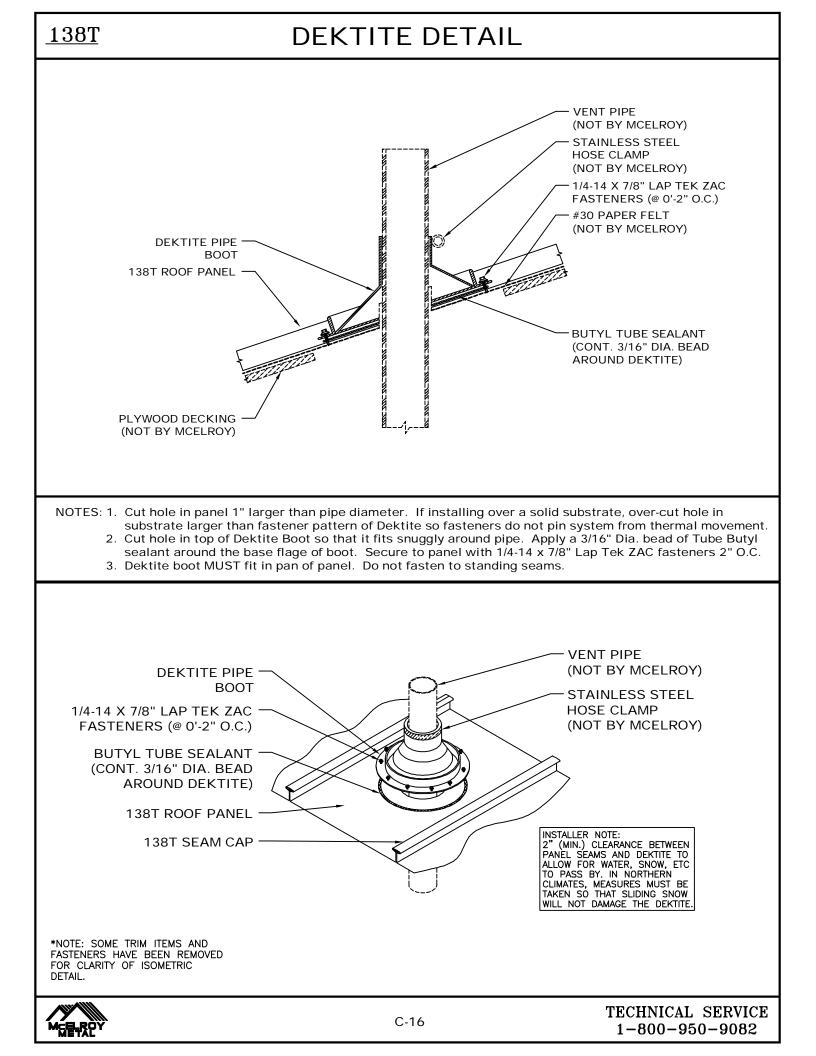


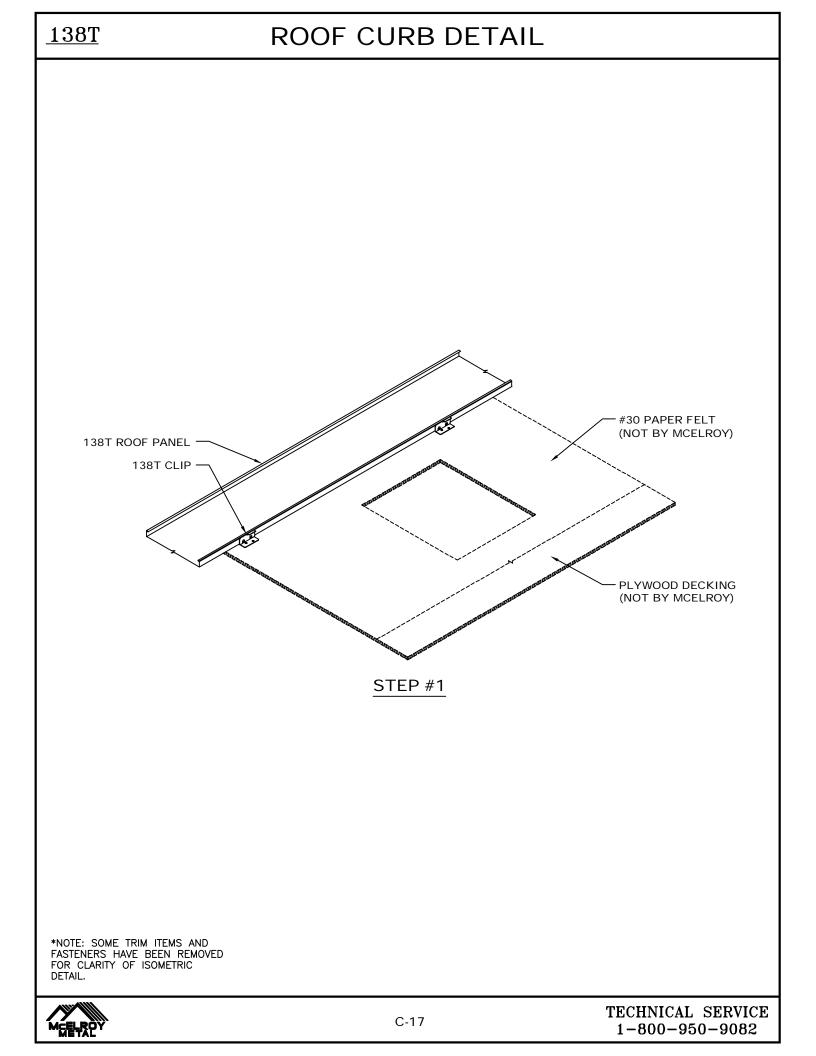


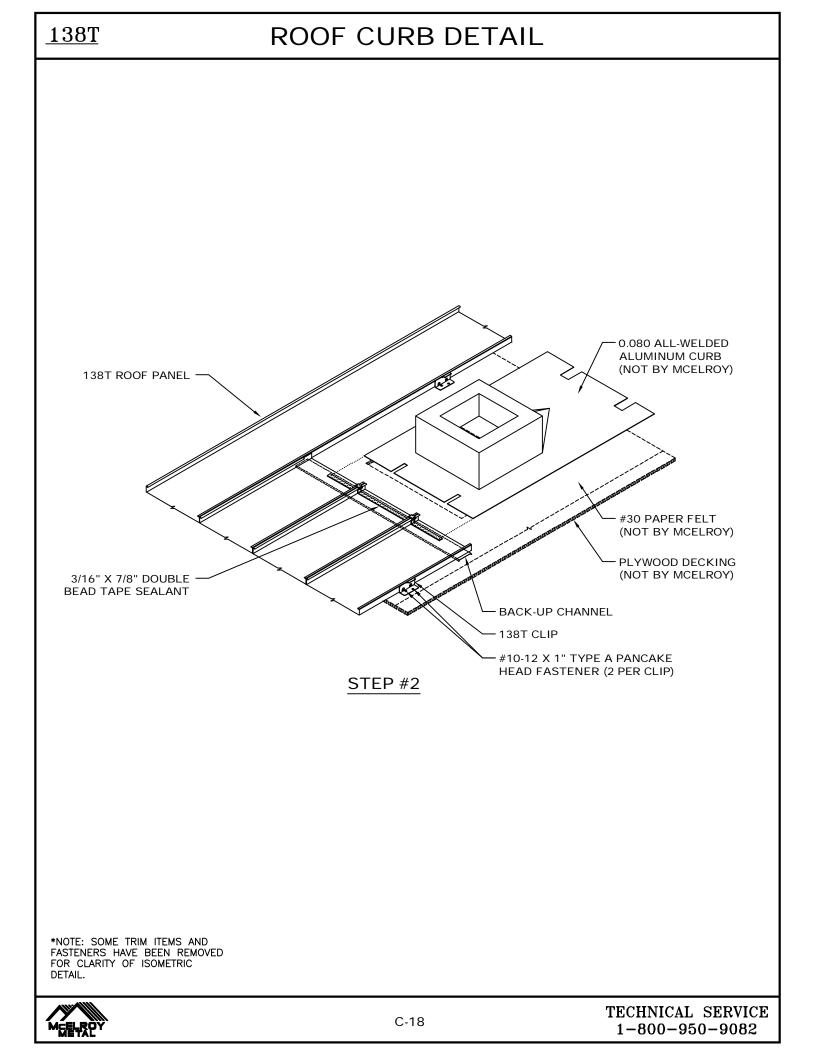


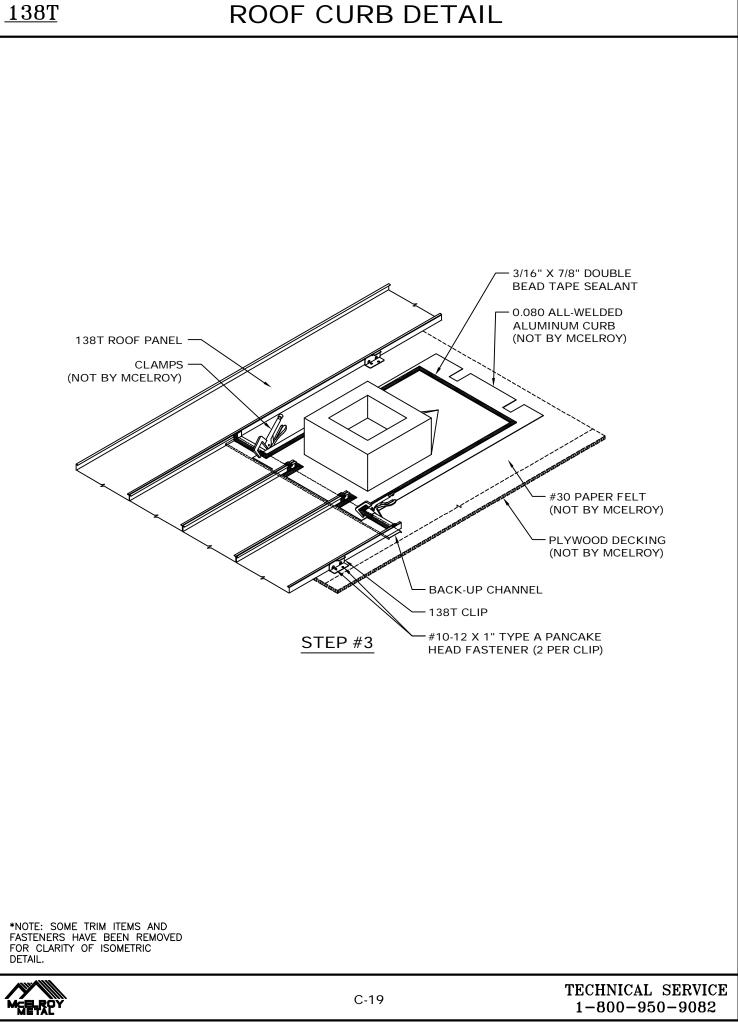




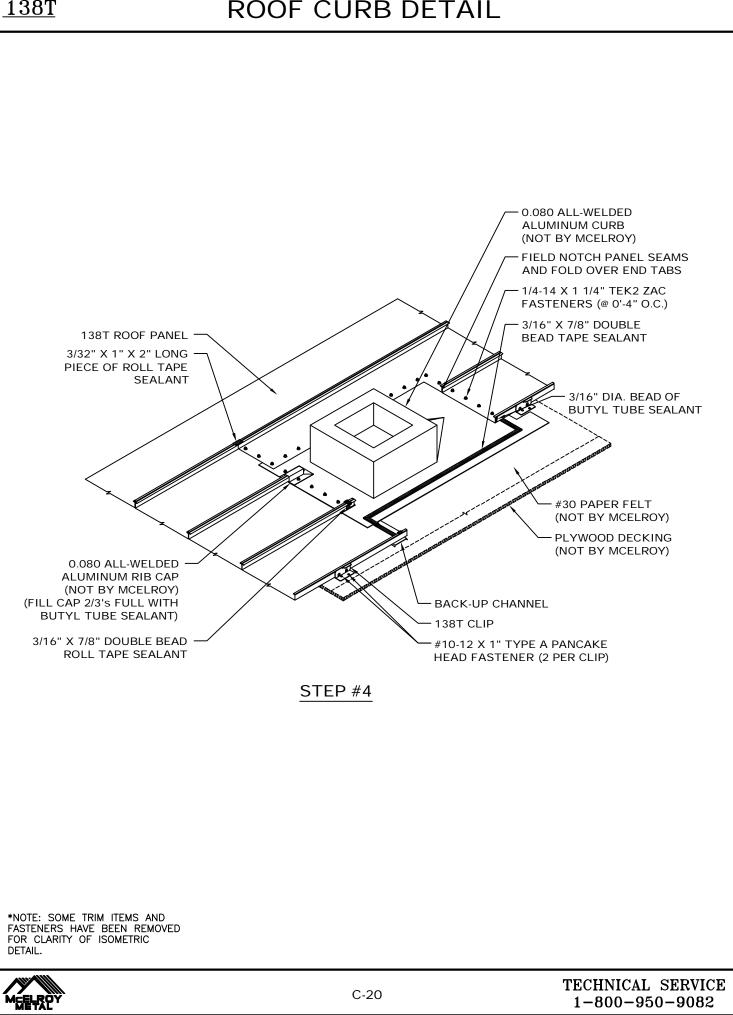


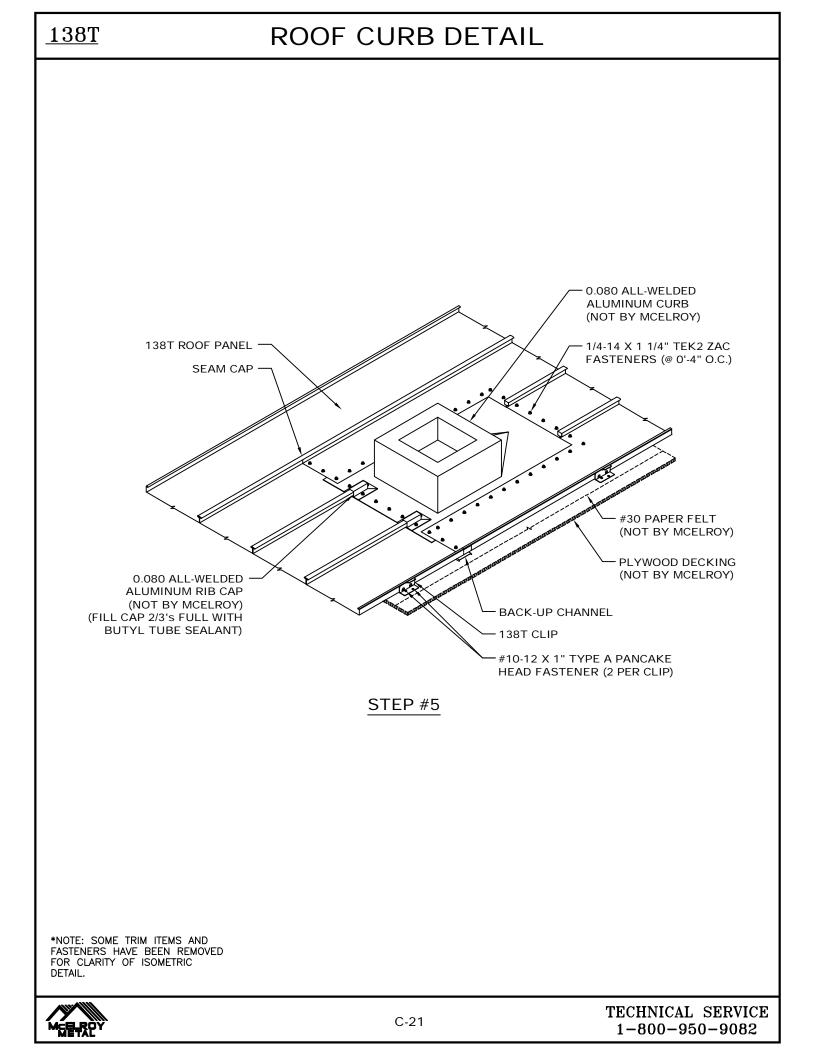




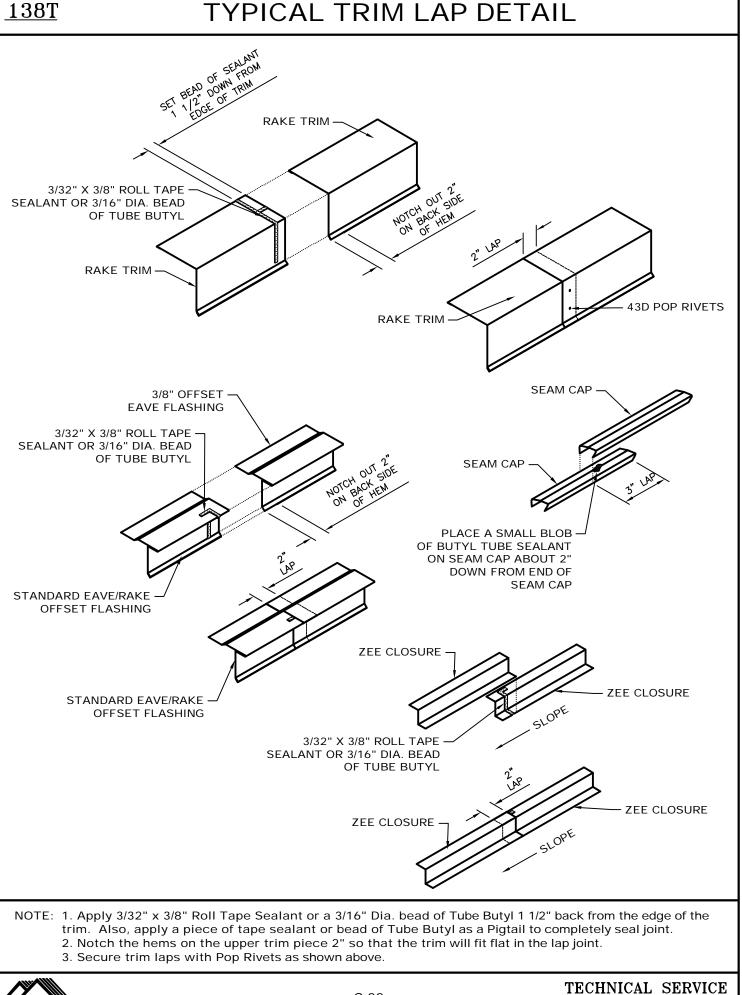


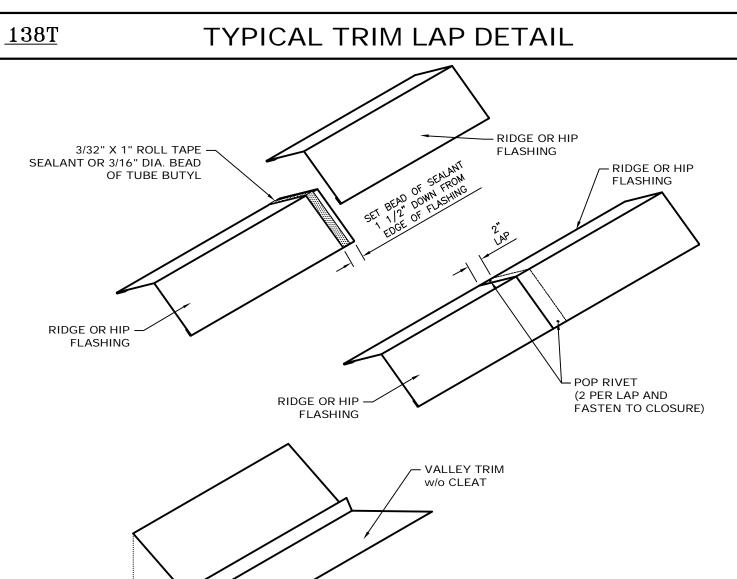
ROOF CURB DETAIL

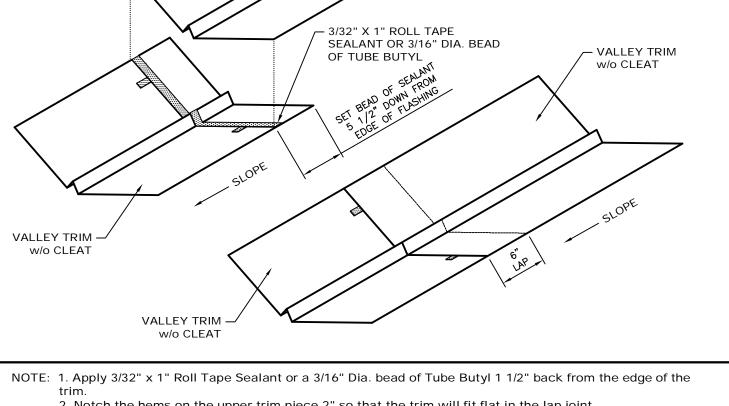












2. Notch the hems on the upper trim piece 2" so that the trim will fit flat in the lap joint.

3. Secure trim laps with Pop Rivets as shown above.





☆ MANUFACTURING LOCATIONS ● SERVICE CENTERS ★ MANUFACTURING AND SERVICE CENTER



MANUFACTURING LOCATIONS

ADELANTO, CA	ASHBURN, GA	BOSSIER CITY, LA	CLINTON, IL
HOUSTON, TX	LEWISPORT, KY	MARSHALL, MI	MAUSTON, WI
MERKEL, TX	PEACHTREE CITY, GA	SUNNYVALE, TX	WINCHESTER, VA

MCELROY METAL N E E

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5215 Leo St. Alexandria, LA 71301

9476 Meadowbrook Rd. Clinton, IL 61727

3014 Lincoln Court Garland, TX 75041

5123 Terminal Dr. McFarland, WI 53558 1007 Wilso Dr, Baltimore, MD 21223

3215 Highway 59 Diamond, MO 64840

1440 Aldine Bender Road Houston, TX 77032

514 Cave Road Nashville, TN 37210

7450 Tower Street Richland Hills, TX 76118

7355 Oakley Industrial Blvd. Union City, GA 30291

1500 Hamilton Rd. Bossier City, LA 71111

390 N. Valley Dell Dr. Fenton, MO 63026

10504 E. 59th Street Indianapolis, IN 46236

8304 Hwy. 70 E. North Little Rock, AR 72117

5300 83rd Street Sacramento, CA 95826

1144 Silstar Rd. West Columbia, SC 29170 3052 Yadkin Road Chesapeake, VA 23323

409 Lovejoy Road Ft. Walton Beach, FL 32548

9435 US Hwy. 60 W. Lewisport, KY 42351

613 North Bierdeman Rd. Pearl, MS 39208

1365 Dean Forest Rd. Savannah, GA 31405

325 McGhee Rd. Winchester, VA 22603

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