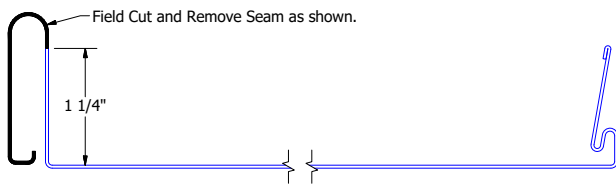


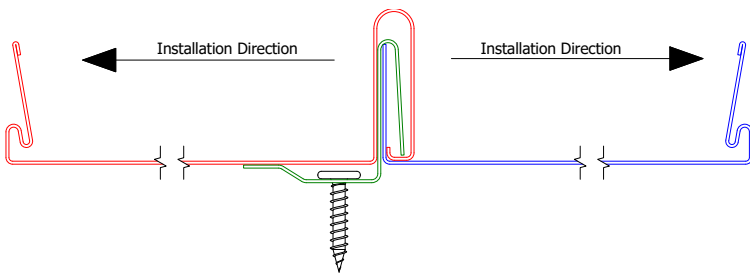


## Exhibit 1:



Field cut and remove standing seam at approx. 1-1/4" up from the "pan" area of the panel.

## Exhibit 2:



Bi-Directional Dutch Seam Clip

## DUTCH SEAM<sup>®</sup> INSTALLATION DETAIL

To obtain a symmetrical appearance on a hip or pyramid style roof or to simply have two crews working simultaneously on the same roof plane, it may be advantageous to begin the installation of a roof panel system from the center of the roof surface and work in both a left to right and right to left installation sequence. Since ATAS' Dutch Seam (MRD) standing seam panel series is a directional panel system (panel installation proceeds in either a left-to-right or right-to-left manner), a modified panel needs to be created to allow for bi-directional installation.

The field modified Dutch Seam panel is normally placed in the center of the roof plane. Installation of regular, factory fabricated panels then proceeds in both directions from the modified panel.

The exhibits illustrate how the modifications of the Dutch Seam panel is accomplished using a custom modified clip design. First, the exposed portion of the seam is cut-off at approximately 1-1/4 inch up from the "pan" area of the panel. The special modified clip is then attached to the panel and the adjacent panel that is installed next. The opposite side of the modified panel will maintain its factory interlock for normal installation.

If a metallic (anodized or natural metal material) is chosen or panels are stucco embossed, directionality of panel installation will cause a shade variation in the visual appearance of the installed system and therefore this detail should not be utilized with these finishes/materials.