

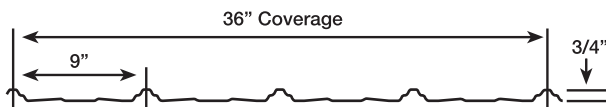
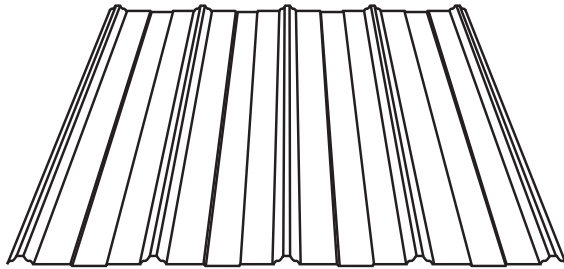
# Good Design Practices



McElroy Metal, Inc.



## Panel



## Special Features

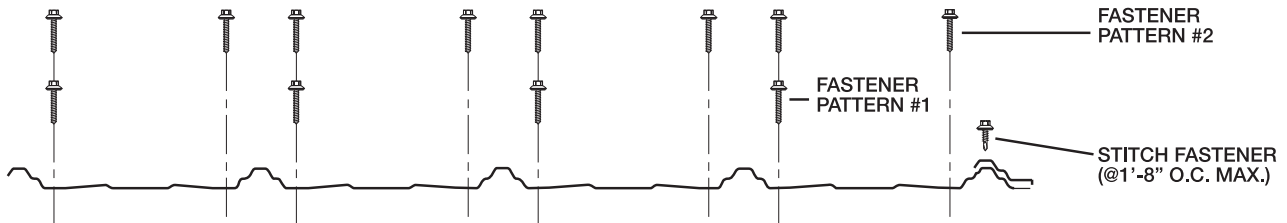
McElroy's Mesa panel was designed with aesthetics in mind and to make our customer's post frame buildings look better than their competitor's buildings. To achieve this outcome, Mesa's lap was designed to hide the panel's edge, leaving a monolithic appearance. Another special feature are the angles of the panel's flat areas. They slope towards the ribs, making the panel less prone to purlin tracking. The flat area adjacent to the major rib is designed to hold the screw fastener.

### Please Note:

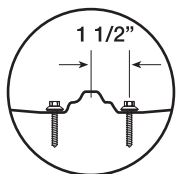
**Mesa is designed to be installed with screw fasteners rather than nails. Nails may leave a small dent in the side of the major rib, resulting in an objectionable appearance.**

## Fasteners

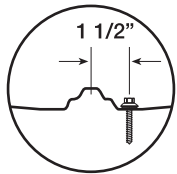
### Fastener Recommendations



### Locations:



**FASTENER PATTERN #2:**  
At base, eave, ridge & lap:  
1 1/2" on each side of major ribs.



**FASTENER PATTERN #1:**  
At intermediate supports:  
1 1/2" on one side of major ribs.

- Standard spacing: 24" o.c.
- Maximum spacing information: Please contact your McElroy Representative or visit our website.
- Stitch screw recommended every 20" maximum.

## Sealant Information



**CORRECT**  
Sealing material slightly visible at edge of metal washer. Assembly is weathertight.



**TOO LOOSE**  
Sealing material not visible. Not enough compression to seal properly.



**TOO TIGHT**  
Sealing material extruded beyond edge of washer.

\*Oil canning is a natural occurrence in metal panels and is not a cause for panel rejections.

## CORPORATE OFFICE

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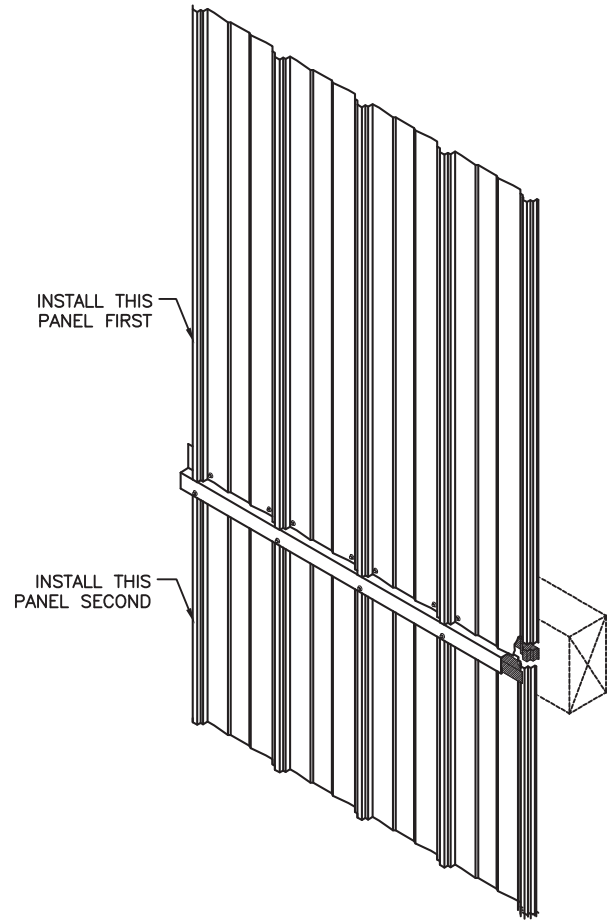
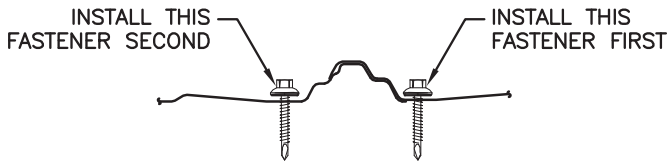


# Wainscot design

One of the exceptional characteristics of MESA is the panel's ability to stay on module without the need for manual adjustments by the installer. For wainscot applications, installers should erect upper panels first. By installing the lower panels last, installers can better align the upper and lower panels. If some manual adjustment is needed, it is better accomplished with shorter panels and installer's feet on the ground.

## Lapping of Mesa

In order to obtain maximum advantage of MESA's superior lap, installers should place fastener at overlap rib first, underlap second, and intermediate ribs last.



## End lap design (Roof Condition)

For end lap conditions, install lower roof panel first, install upper panel second. This will allow under-lap legs to lap correctly.

