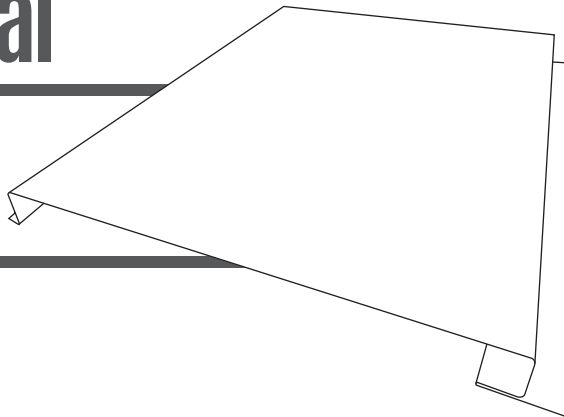




CONCEALED
FASTENER
ROOF AND WALL
SYSTEMS

Installation Manual

FLUSH PANEL



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IMPORTANT NOTICE

THIS MANUAL PROVIDES RECOMMENDATIONS AND GUIDELINES FOR THE INSTALLATION OF THE QUALITY METALS FLUSH PANEL SYSTEM AND RELATED TRIM DETAILS. THE INFORMATION CONTAINED HEREIN REFLECTS THE STANDARDS IN EFFECT AT THE TIME OF ITS ORIGINAL PUBLICATION. QUALITY METALS RESERVES THE RIGHT TO UPDATE OR MODIFY SPECIFICATIONS AND DESIGNS WITHOUT NOTICE, IN ORDER TO MEET EVOLVING CODE REQUIREMENTS. FOR THE MOST CURRENT INFORMATION, PLEASE VISIT OUR WEBSITE OR CONTACT US DIRECTLY.

THE APPLICATION AND DESIGN DETAILS INCLUDED ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING CONDITIONS OR ENVIRONMENTS. EACH PROJECT SHOULD BE ENGINEERED AND INSTALLED IN COMPLIANCE WITH APPLICABLE BUILDING CODES, REGULATIONS, AND ACCEPTED INDUSTRY PRACTICES.

BEFORE BEGINNING INSTALLATION OF THE QUALITY METALS FLUSH PANEL SYSTEM, CAREFULLY REVIEW THIS MANUAL IN ITS ENTIRETY. INSPECT ALL PANELS AND ACCESSORIES PRIOR TO INSTALLATION. DO NOT INSTALL ANY QUALITY METALS PRODUCT THAT IS DAMAGED OR DOES NOT MEET SPECIFICATIONS. REPORT ANY ISSUES IMMEDIATELY TO QUALITY METALS FOR RESOLUTION.

IMPORTANT INFORMATION

The application and detail drawings contained in this manual are provided for illustrative purposes only and may not be suitable for all building designs or installation conditions. Each project must be engineered and installed in strict compliance with the applicable local building codes, regulations, and standard industry practices.

Before ordering or installing any materials, it is essential to verify all dimensions with field measurements.

Oil Canning Notice:

Oil canning—visible waviness in the flat areas of metal panels—is not grounds for rejection. This characteristic is inherent to light-gauge, cold-formed metal products, especially those with broad flat surfaces. Contributing factors may include, but are not limited to:

- Misalignment of the support system
- Overdriving of panel fasteners
- Induced or inherent stresses in the panel
- Thermal expansion and contraction
- Material handling practices
- Panel width, gauge, and length
- Color selection
- Installation techniques

These factors are often beyond the control of the manufacturing plant.

For information not specifically addressed in this manual, please contact your **Quality Metals** representative. This manual is intended as a comprehensive guide for the installation of **QM Flush and soffit panel systems**; however, ultimate responsibility lies with the erector to ensure proper and safe installation.

SAFETY

The installation of the **QM Flush Panel System** must be performed by trained personnel. Job-site conditions vary, and the erector is responsible for interpreting these guidelines and ensuring safe practices.

- If any step creates a safety risk, stop immediately and correct the issue before proceeding.
- Fall protection and all **OSHA**-required safety measures must be in place at all times.

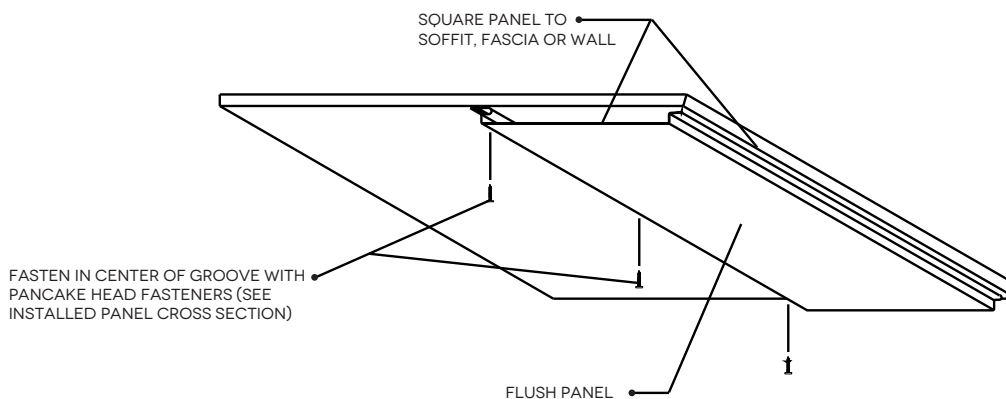
INSTALLING FIRST PANEL

Please Note:

Moisture barriers and jamb flashings must be installed prior to commencing panel installation. Soffit panels are typically installed either from left to right or right to left.

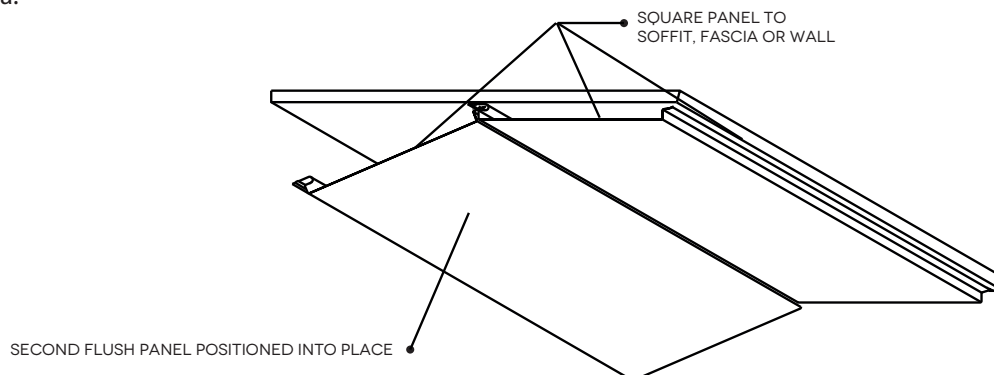
Begin by installing the first panel, ensuring it is square to the soffit, fascia, or wall. The initial panel's alignment is crucial as it dictates the alignment of subsequent panels. Fasten the panel using pancake-head woodscrews, typically spaced 12 inches on center, in the center of the fastening groove, taking care not to overtighten the screws.

In areas prone to high winds, closer fastener spacing may be necessary to ensure structural integrity.

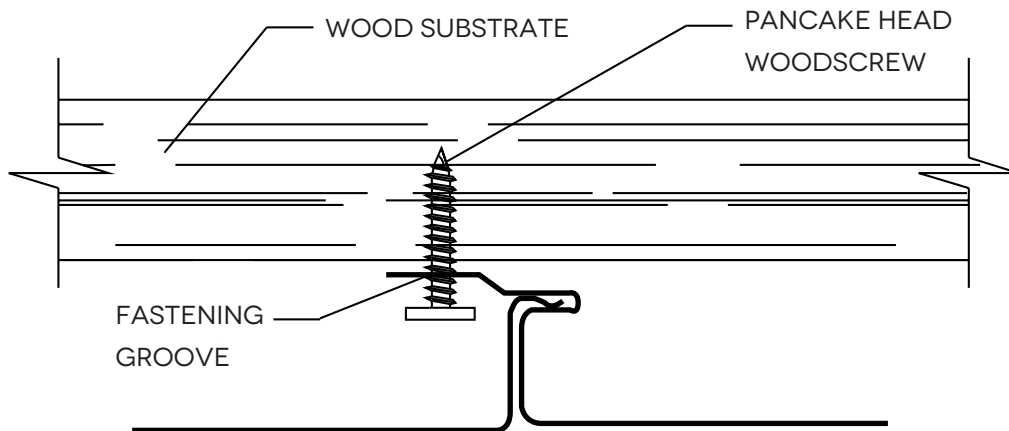


INSTALLING SECOND PANEL

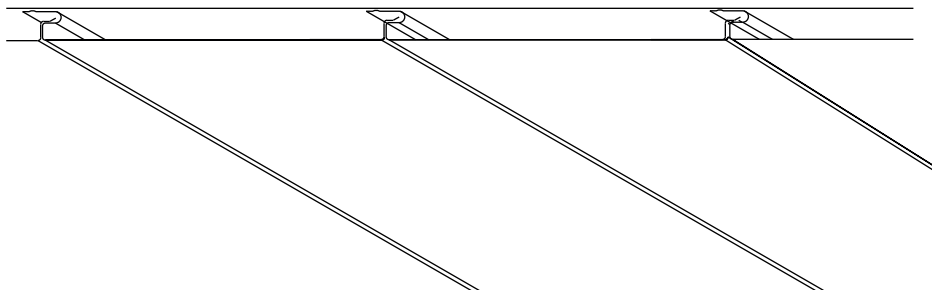
Align the tongue of the second panel with the groove of the first, ensuring that panel ends are properly aligned. Proceed with the preceding steps until the installation is finished. Verify that all panels are correctly installed and remove any debris from the panels before moving on to the next area.



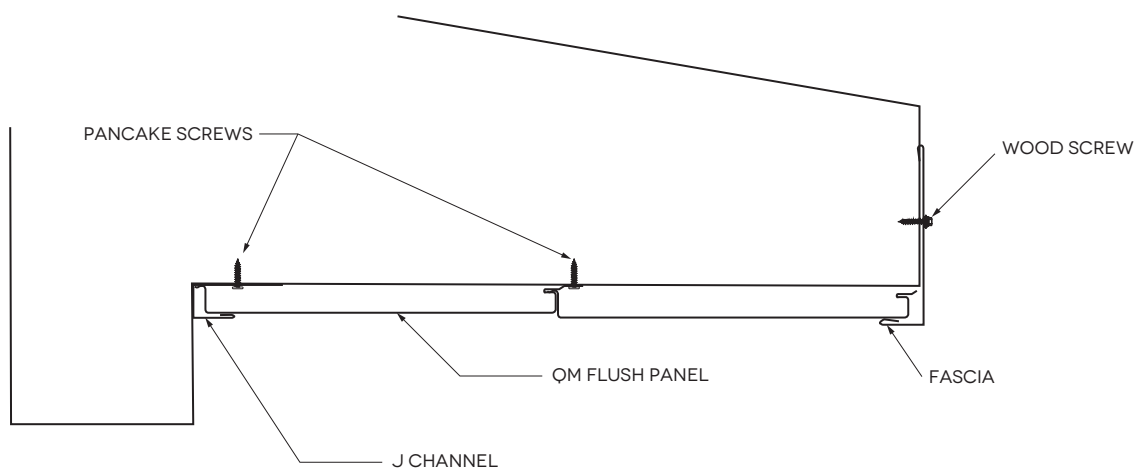
INSTALLED PANEL CROSS SECTION



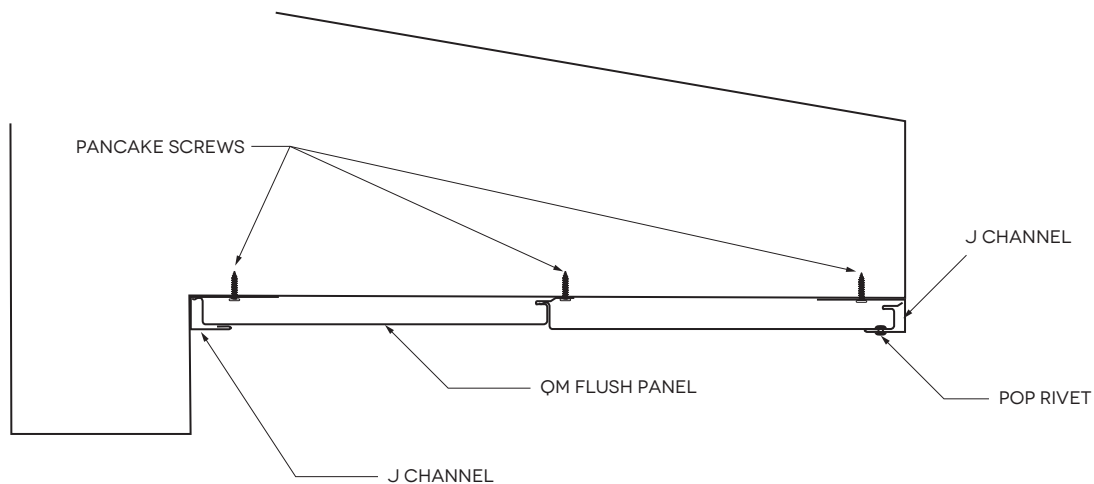
FLUSH PANEL CAN BE INSTALLED
IN EITHER DIRECTION.



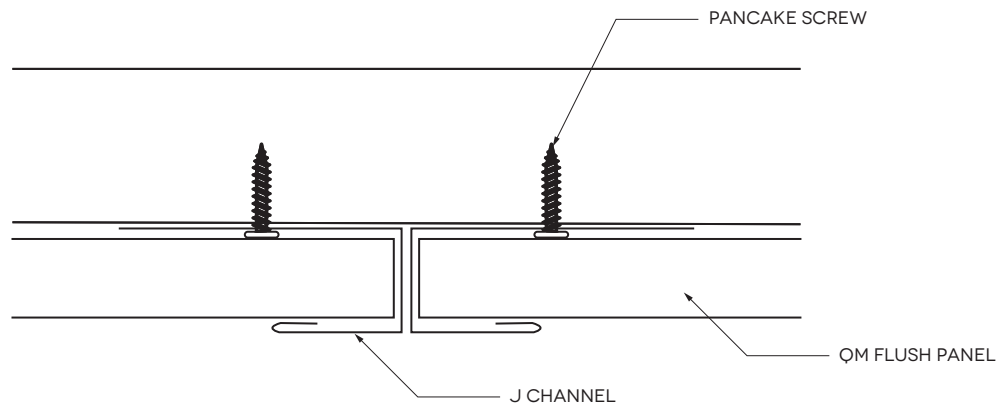
1. Install J-Channel using Pancake Screws.
2. Install Soffit Panels, either horizontally or vertically, tucking them inside the J-Channel.
3. Install Fascia Trim over end, capping the end of the shingles and going up the fascia, and fastening with Wood Screws.



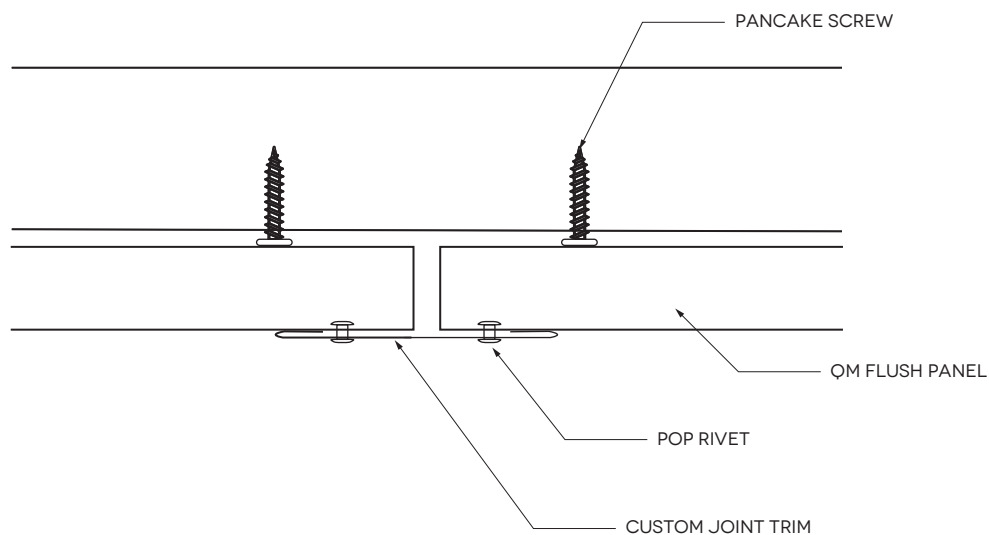
1. Install J-Channel on both sides using Pancake Screws.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the J-Channel. On the fascia side, pop rivet may be used to hold them tight to the j-channel if needed.



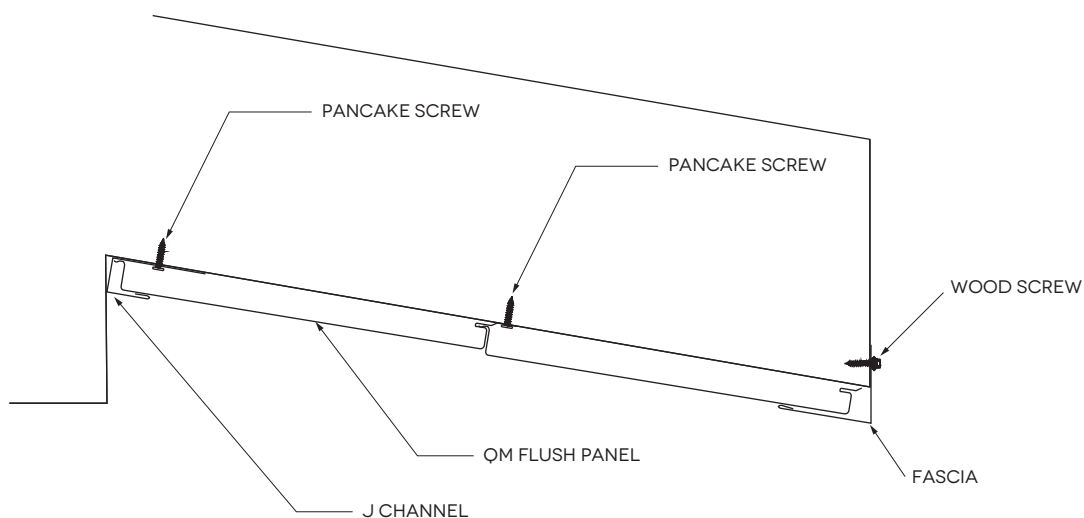
1. Install J-Channel, butted together, and fastened using Pancake Screws.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the J-Channel. Pop rivets may be used to hold them tight to the j-channel if needed.



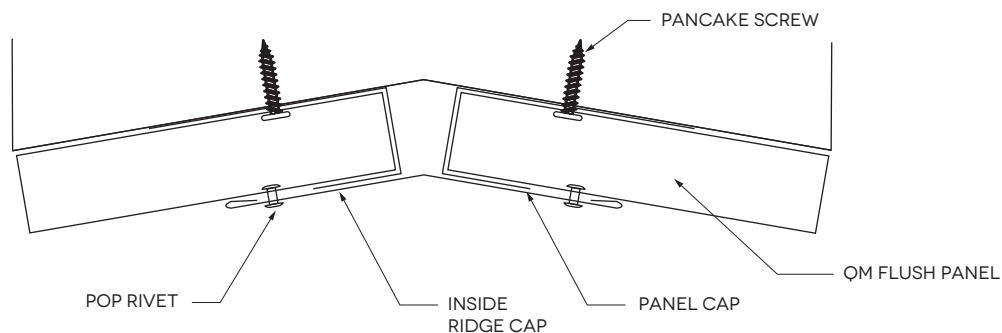
1. Install Soffit Panels, either horizontally or vertically.
2. Install Custom Joint Trim, fastening with Pop Rivets.



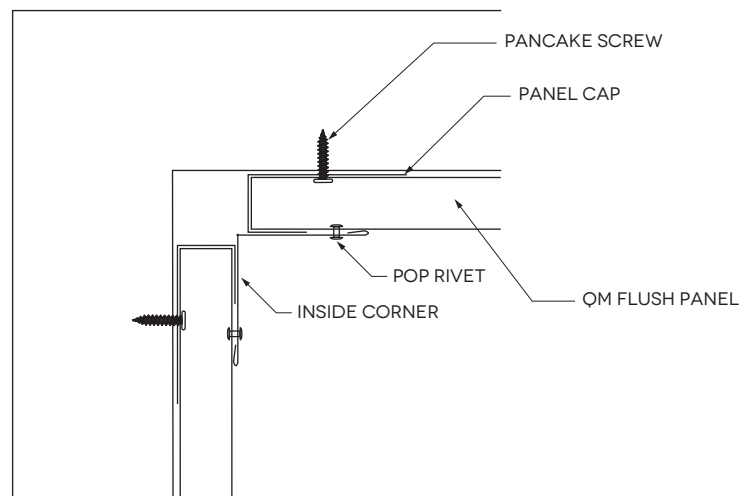
1. Install J-Channel using Pancake Screws.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the J-Channel, and fastening them with Pancake Screws.
3. Install Flush Narrow Angle over end, capping the end of the shingles and going up the fascia, and fastening with Wood Screws.



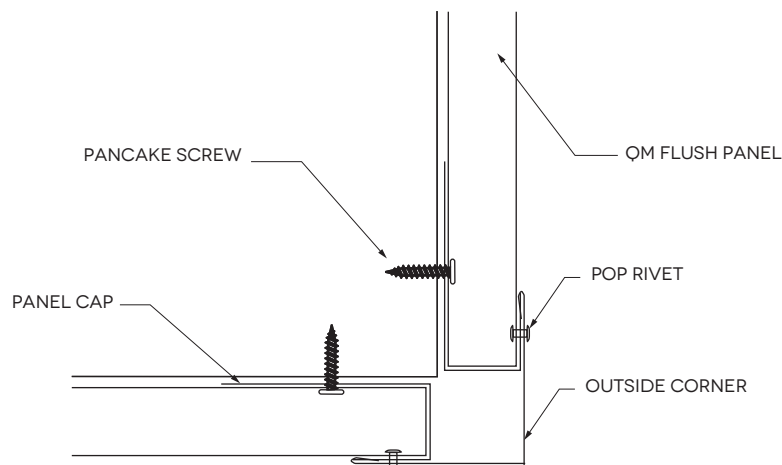
1. Optionally install Panel Caps on each side of inside ridge using Pancake Screws.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the Panel Caps (if used), and fastening them with Pancake Screws.
3. Install Inside Ridge Cap over panels and fasten with pop rivets.



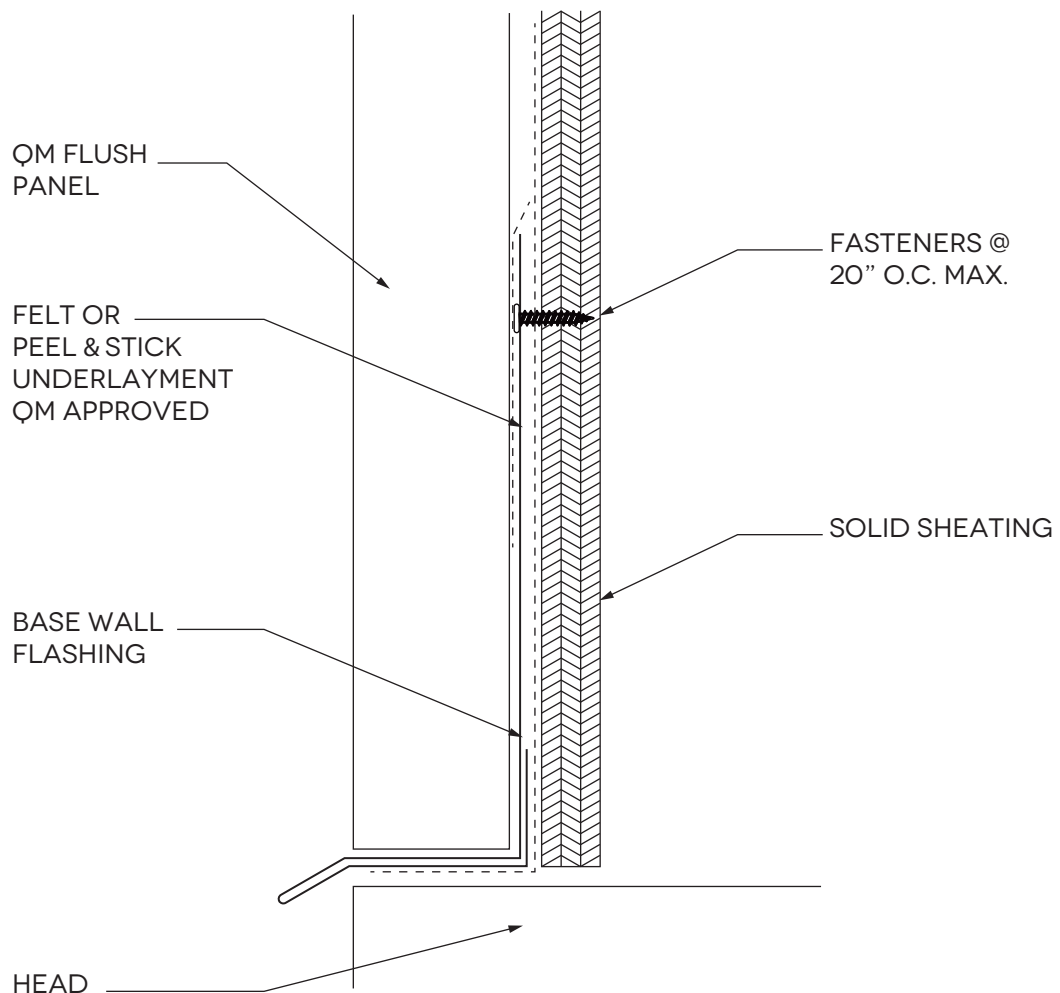
1. Optionally install Panel Caps on each side of inside corner using Pancake Screws.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the Panel Caps (if used), and fastening them with Pancake Screws.
3. Install Inside Corner over panels and fasten with pop rivets.



1. Optionally install Panel Caps on each side of outside corner.
2. Install Flush Panels, either horizontally or vertically, tucking them inside the Panel Caps (if used), and fastening them with Pancake Screws.
3. Install Outside Corner over panels and fasten with pop rivets.



WALL APPLICATIONS
BASE FLASHING



HEAD J FLASHING

