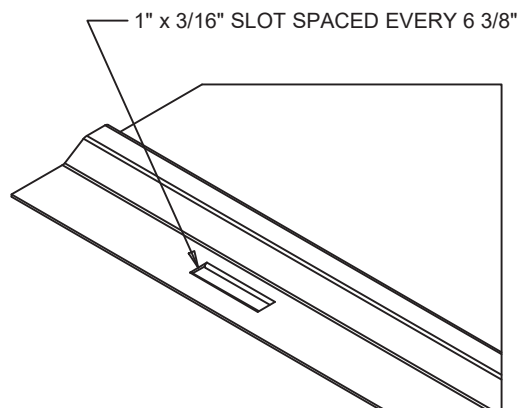
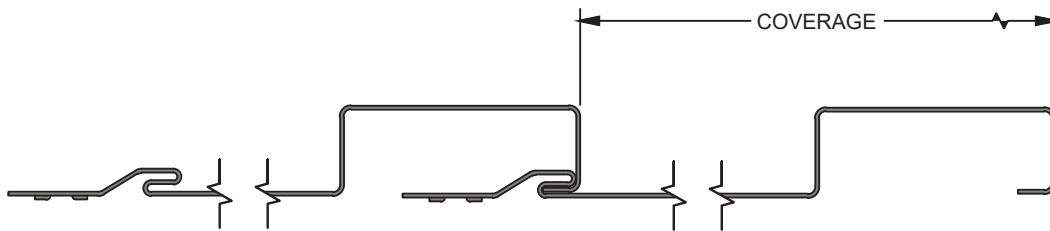
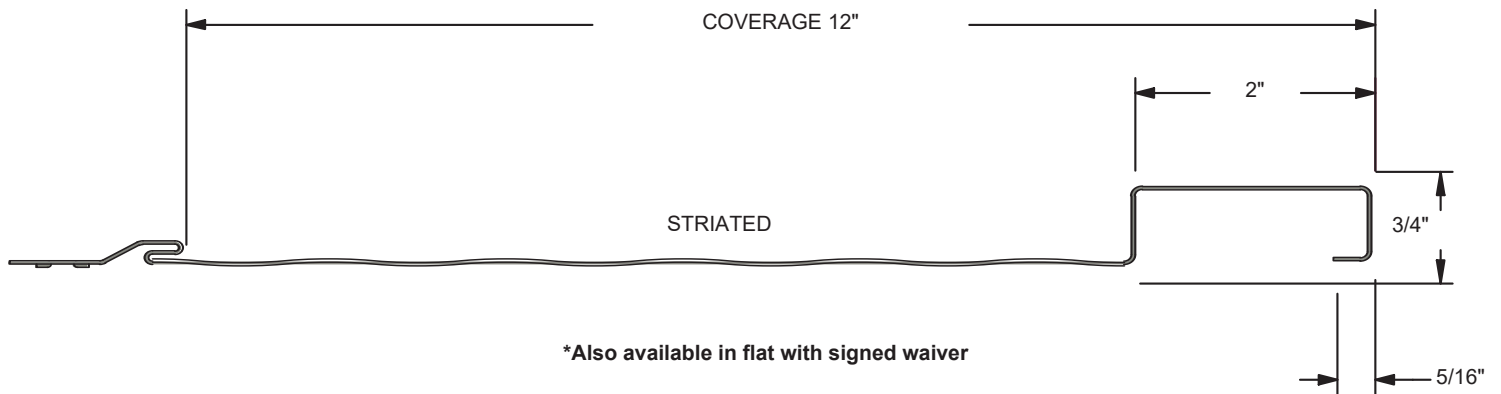


BOARD & BATTEN PROFILE INSTALLATION GUIDE



*1" pancake screws used every 12" OC

IMPORTANT NOTICE

The application and detail drawings in this manual are strictly for illustration purposes and may not be applicable to all building designs or product installations. All projects should conform to applicable building codes for that particular area. It is recommended to follow all building codes and standard industry practices.

Jensen Bridge & Supply Company is not responsible for the performance of the board and batten system if it is not installed in accordance with the suggested instructions referenced in this installation manual, or in the product overview. If there is a conflict between this manual and the actual erection drawings, the erection drawings are to take precedence. Water tightness is on the responsibility of the installer. Jensen Bridge will not be responsible for any claims resulting in lack of water tightness.

Prior to ordering and installing materials, all dimensions should be verified by field measurements.

Jensen Bridge reserves the right to modify, without notice, any details, recommendations or suggestions. Any questions you may have regarding proper installation of the board and batten system should be directed to your Jensen Bridge representative.

Consult Jensen Bridge for any additional information not outlined in this manual.

This manual is designed to be utilized as a guide when installing the board and batten system. It is the responsibility of the erector to ensure the safe installation of this product system.



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GENERAL SPECIFICATIONS

Handling & Storage

On job sites, care should be taken when handling painted surfaces during installation and storage to protect the finish. It is important that panels are kept dry. **MOISTURE TRAPPED BETWEEN THE SHEETS MAY CAUSE SUPERFICIAL STAINING OR LIFTING OF THE FINISH.** When material cannot be stored inside, place material on a slight incline and cover with a properly draped canvas or tarp that will allow airflow. Never use plastic, as it may cause condensation to accumulate. When lifting panels, always lift from panel edge, as panels will bow when lifted while flat. Panels may be shipped with protective film. **IN THIS CASE FILM MUST BE REMOVED BEFORE INSTALLATION.**

Safety Precautions

Protective heavy-duty gloves should be worn when handling metal panels and trim. Safety goggles and hearing protection should be worn while cutting or drilling panels.

Installation

Sub-structures should be checked for uniformity and should be in good condition. 1/2" or thicker OSB or plywood is required, 5/8" is recommended. Substrate should be covered with a barrier according to local standards. Extra care should be given to the installation of the first sheet making sure it is completely square.

Sealants

Silicone sealants are not recommended for painted panel applications. Urethane or polymer sealant are recommended. Tape sealant should be used at any joints to assure weather tightness.

Cutting

Panels are best cut with power shears, nibblers, or tin snips. **ALTHOUGH NOT RECOMMENDED, WHEN USING A POWER SAW PANELS MUST BE CUT FROM THE BACK SIDE.** Hot filings should never come in contact with the painted surface of the panel being cut, or any panels nearby. Filings that become embedded in the paint may cause a rusting effect. They may be removed with car wax and a cloth. Fitting of panels and field cutting should be expected and part of normal installation.

Oil Canning

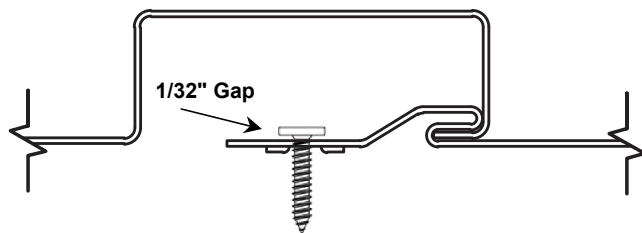
Flat surface areas in metal panels are subject to stress called oil canning. Uneven substrates, over tightened or under-driven fasteners, ripples or laps in vapor barriers, or debris under panels all can cause oil canning. **Oil canning is not a cause for rejection of panels. Striated panels are always recommended.**

FASTENING PANELS

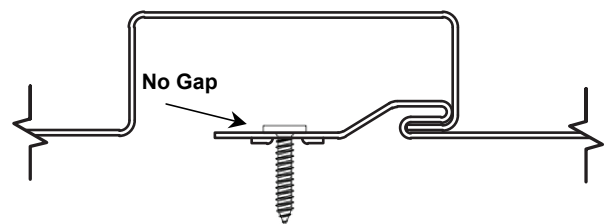
Installing Panels

During board and batten panel installation, it is crucial to not over tighten the fasteners. $\frac{1}{32}$ " of a gap should be present between the fastener head and the nail strip of the panel. If the panel is over tightened or on an angle, oil canning may occur as a result. It is also crucial to ensure any sort of underlayment or wrap lay perfectly flat to decrease the chance of oil canning in the metal panel. Oil canning is **NOT** a cause for rejection.

Correct

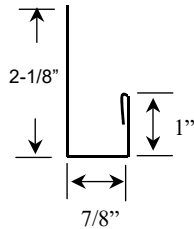


Incorrect

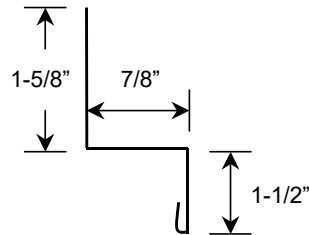


BOARD & BATTEN TRIM PROFILES

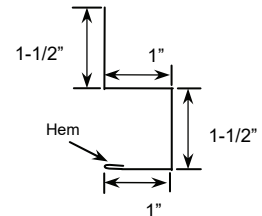
J Channel



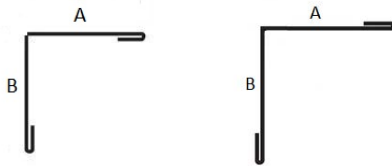
Zee Trim



1" Box Base Trim

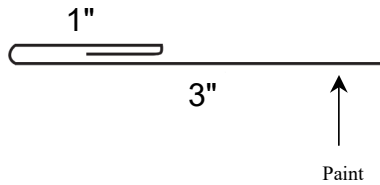


Outside/Inside Angle

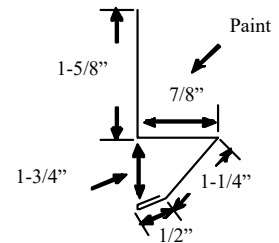


A x B
2" x 2"
3" x 3"
4" x 4"

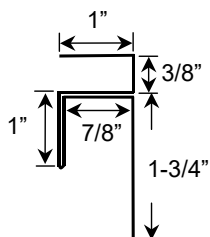
Utility Trim



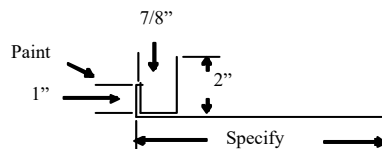
Rat Guard



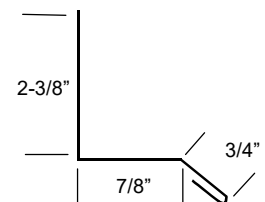
F & J



Overhead Door Trim



Drip Cap

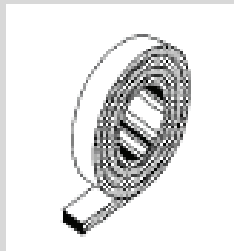


ACCESSORIES

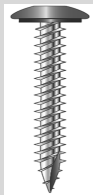
METAL ROOF SEALANT



DOUBLE-SIDED SEALANT TAPE



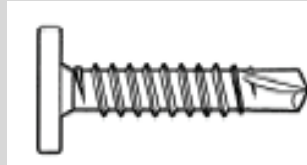
ECLIPSE M/W SCREW



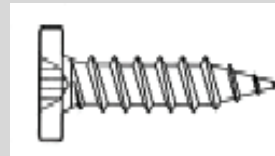
1/2" BACKER ROD



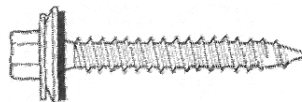
1" PANCAKE SELF - DRILLER



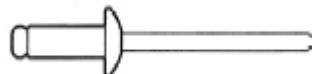
1" PANCAKE SCREW



1-1/2" METAL TO WOOD SCREW

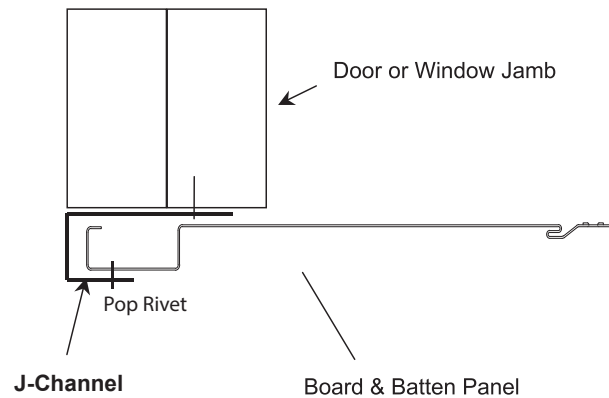
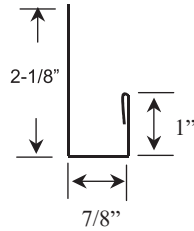


POP RIVET

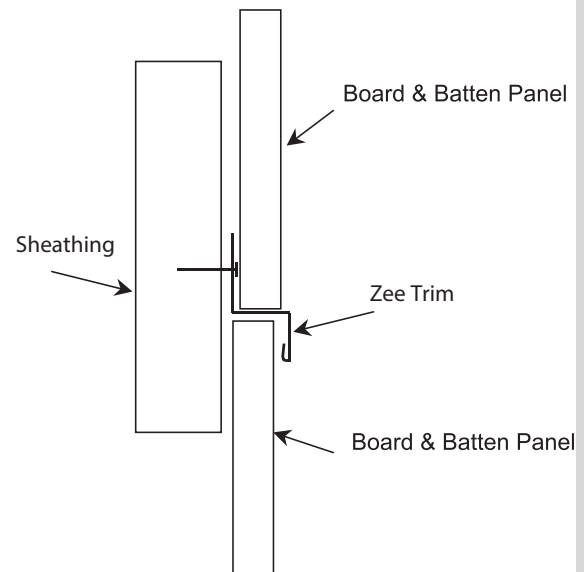
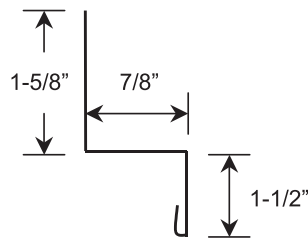


J CHANNEL / ZEE TRIM

J CHANNEL

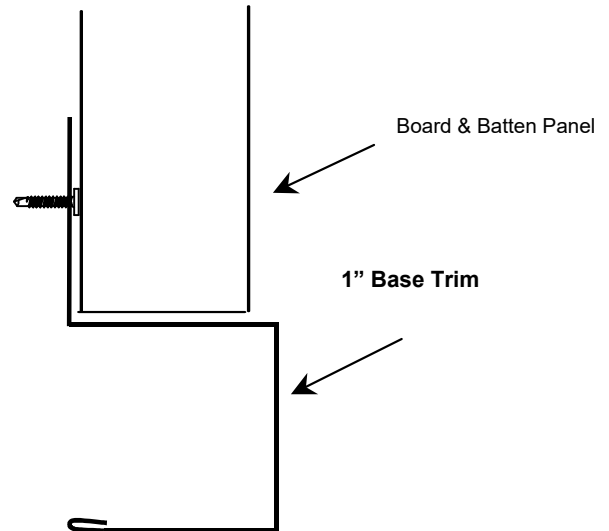
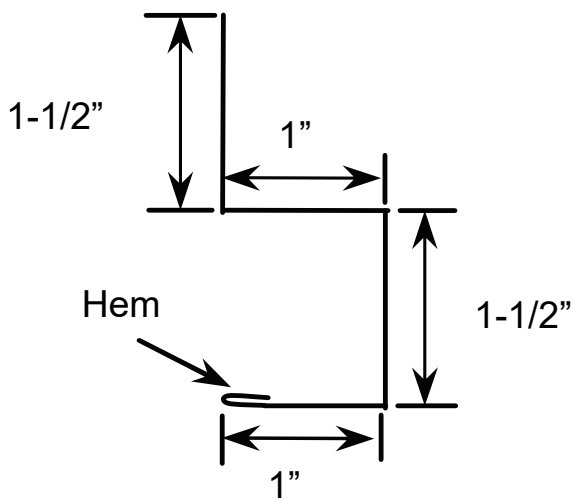


ZEE TRIM

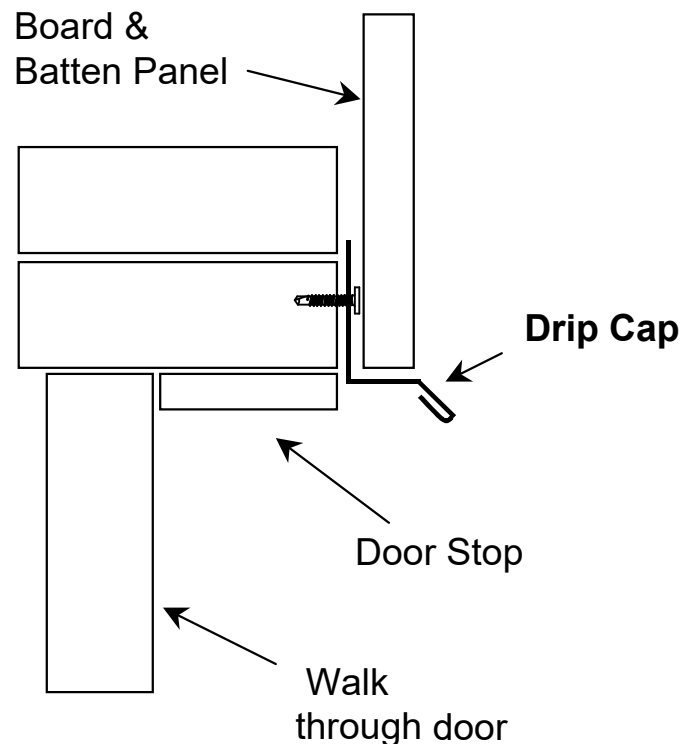
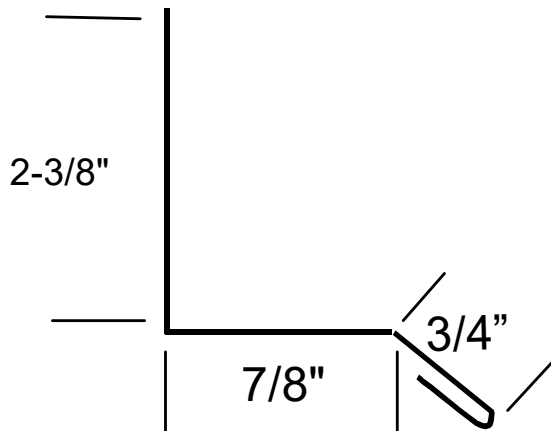


1" BOX BASE / DRIP CAP

1" BOX BASE

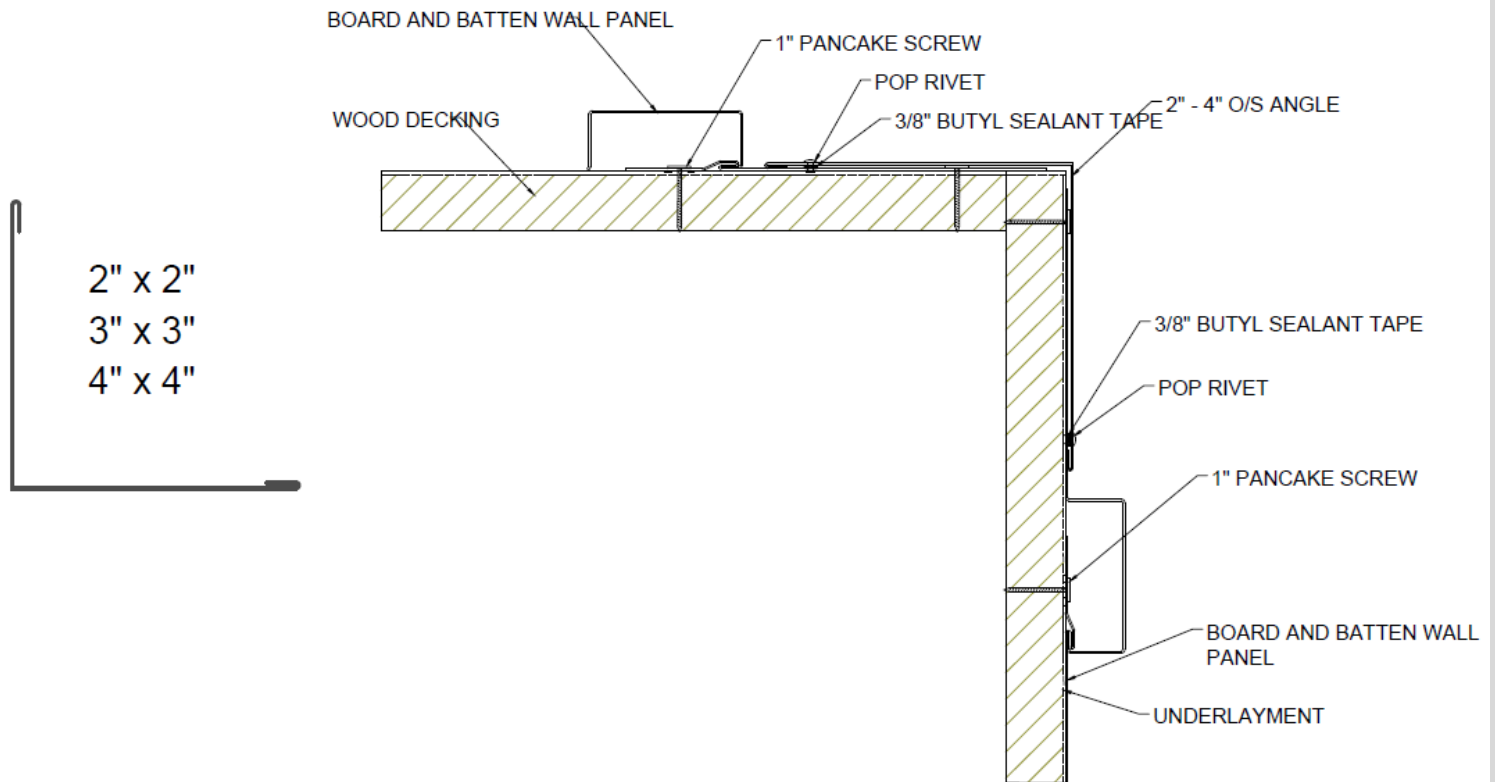


DRIP CAP



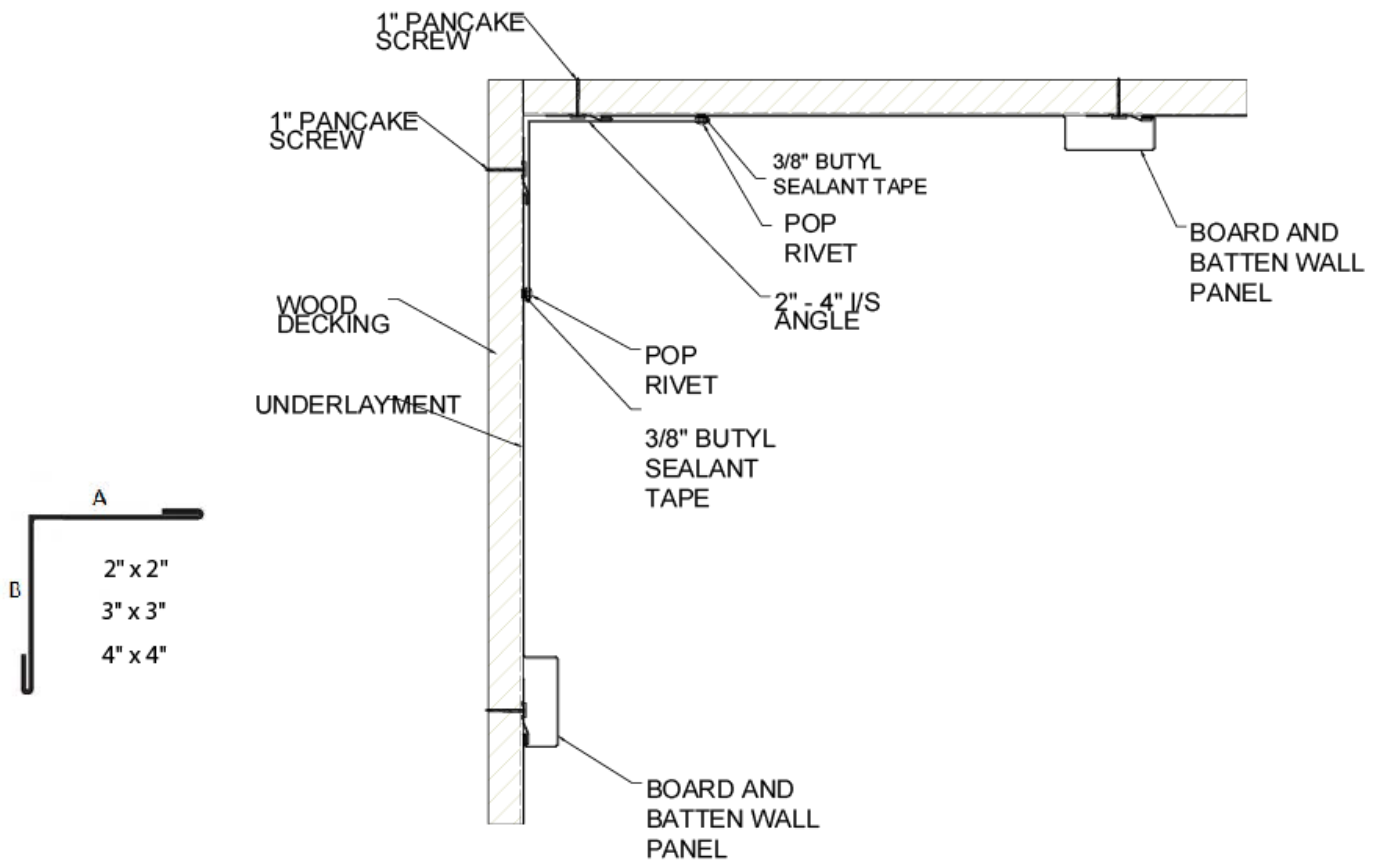
OUTSIDE ANGLE

OUTSIDE ANGLE



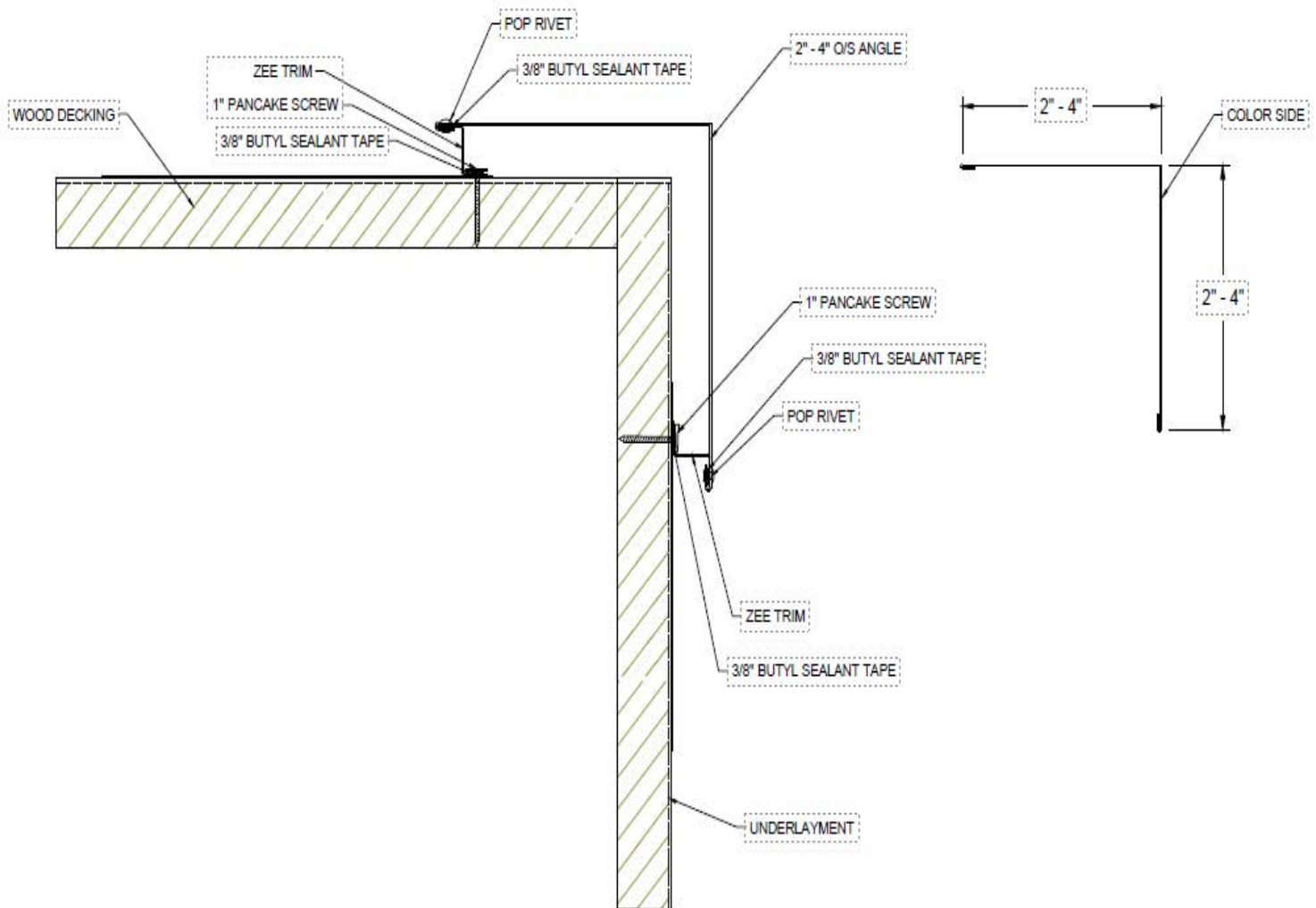
INSIDE ANGLE

INSIDE ANGLE

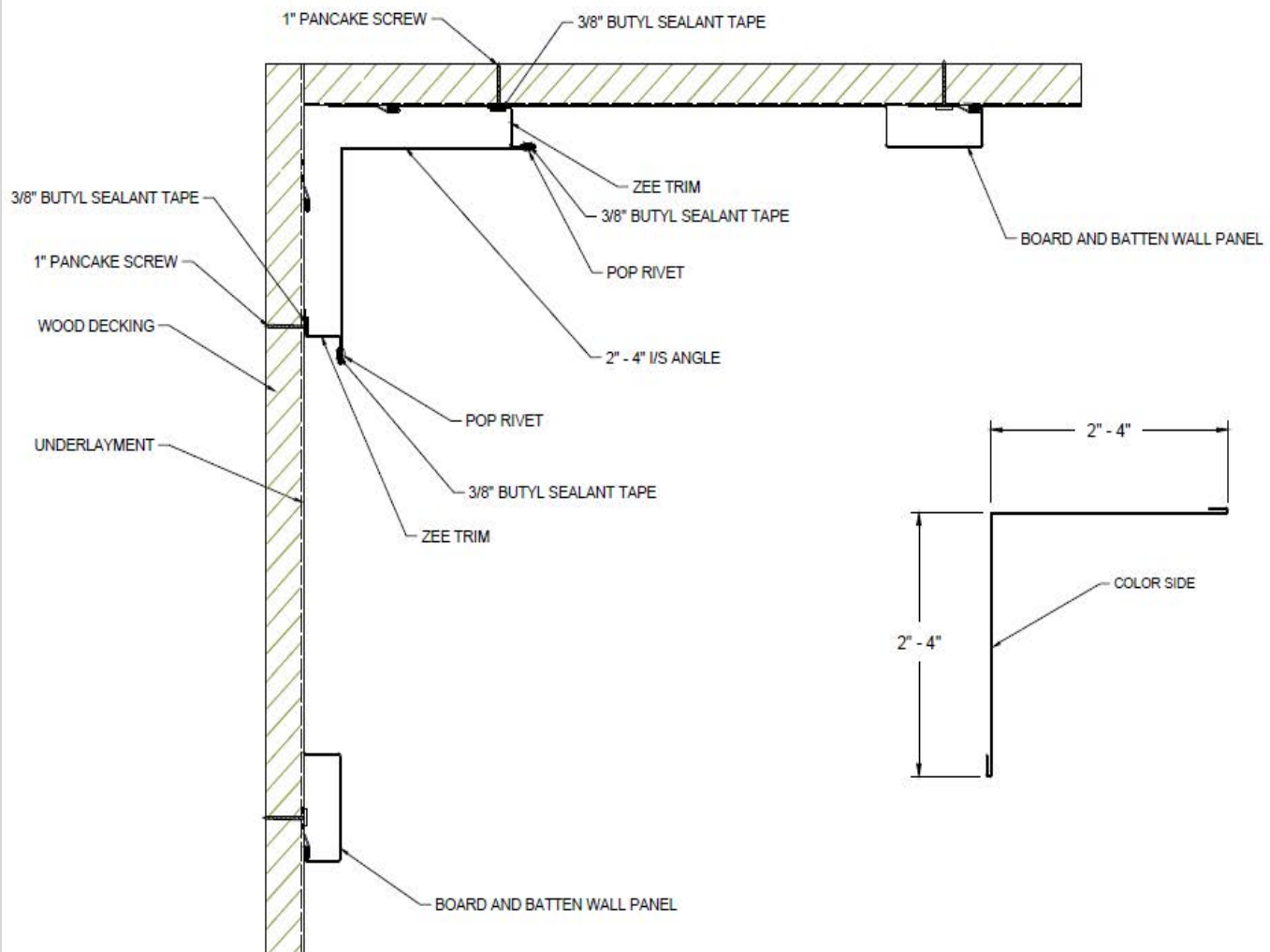


OUTSIDE ANGLE

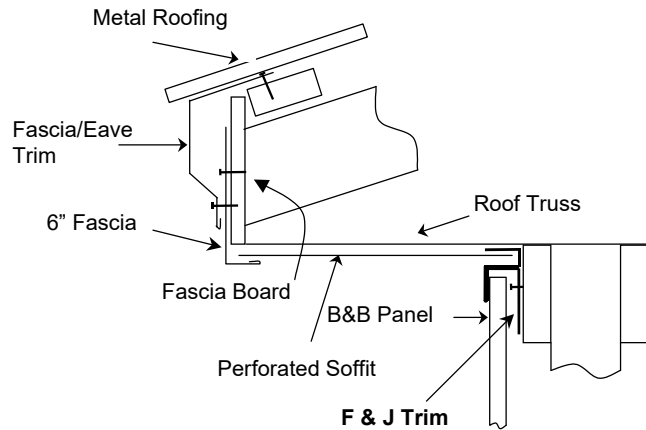
OUTSIDE ANGLE WITH ZEE



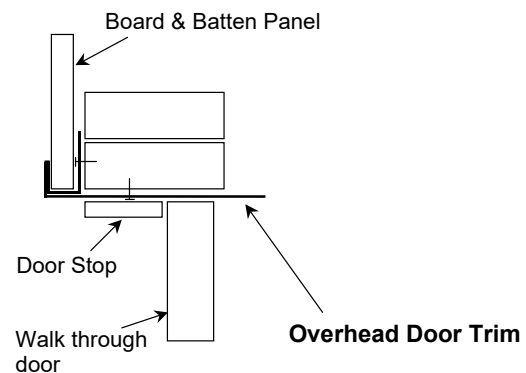
INSIDE ANGLE WITH ZEE



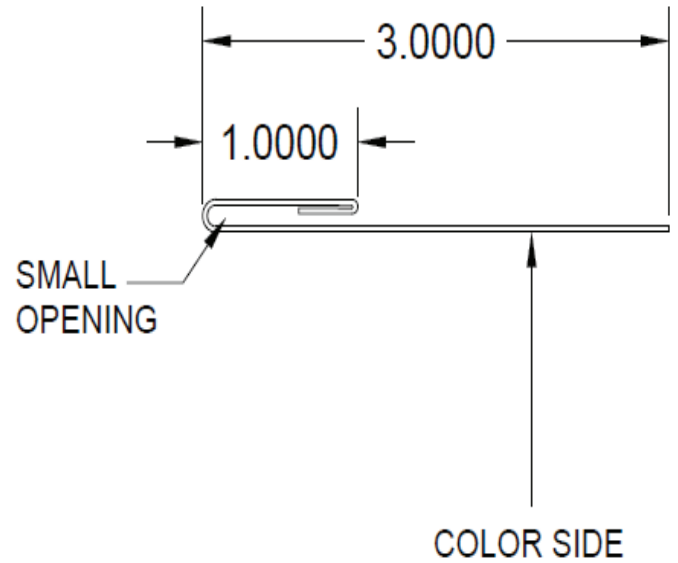
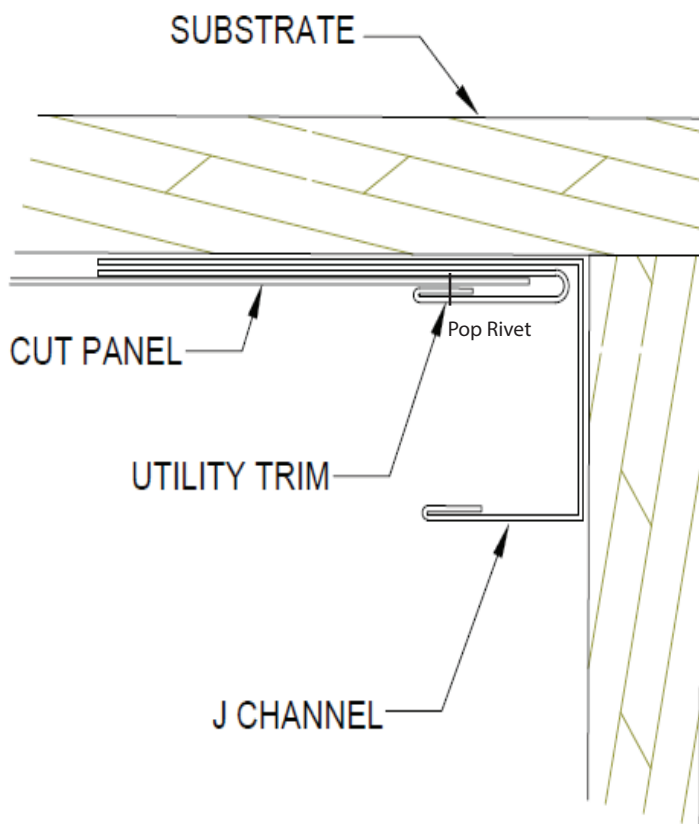
F & J



OVERHEAD DOOR



UTILITY TRIM



CARE & MAINTENANCE

Cleaning & Maintenance of Painted Surfaces

While factory-applied finishes for metal building panels are so durable that they will last many years longer than ordinary paints, it is desirable to clean them thoroughly on a routine basis. Apparent discoloration of the paint may occur when it has been exposed in dirt-laden atmospheres for long periods of time. Slight chalking may also cause some change in appearance in areas of strong sunlight.

A good cleaning will generally restore the appearance of these coatings and render repainting unnecessary. An occasional light cleaning will also help maintain an aesthetically pleasing appearance.

To maintain the original finish of the metal building panels, the only regular maintenance necessary is that of annual washing. Mild solutions of biodegradable cleaner or household ammonia will aid in the removal of most dirt, and the following are recommended levels:

1.) One cup of Simple Green®, or other non-toxic biodegradable cleaner, which contain less than 0.5% phosphate, dissolved into two gallons of warm water. **NOTE: The use of detergents containing greater than 0.5% phosphate is not recommended for use in general cleaning of building panels. NEVER BLEND CLEANSERS OR DETERGENTS WITH BLEACH.**

2.) One cup of household ammonia dissolved into five gallons of water (room temperature).

Working from the bottom to the top of the metal building panels, the panels may be washed with either solution. The use of a well soaked cloth, sponge, brush (with very soft bristles), or a low pressure spray washer is advised.

We do not recommend the use of scouring powders or industrial solvents, since these agents may damage the film. Solvent-containing cleaners such as Fantastic®, however, are very effective and can be used without concern.

If mildew or other fungal growth is a problem and cannot be removed as outlined above, household bleach, mixed at a concentration of one cup of bleach to five gallons of water, along with one cup of a mild soap (e.g., Ivory) to aid wetting, is recommended.

Once the building panel is washed, thorough rinsing with clear water is necessary to eliminate the possibility of residue. Failure to remove all residues from these cleaning steps may damage the film.



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