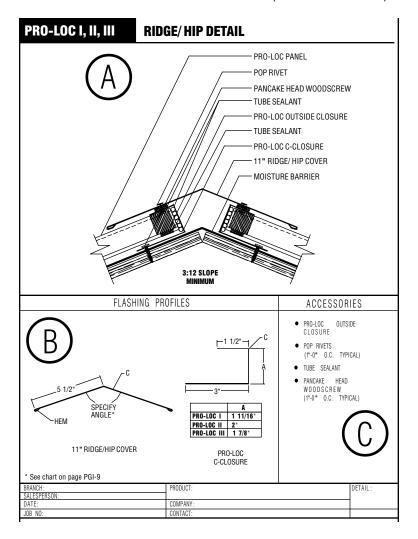
PRO-LOC I,II,III CONDITION SUBMITTAL PAGE EXPLANATION

The following pages depict Metal Sales suggested Pro-Loc details and are for illustration purposes only. These details may not be applicable to all conditions or designs.

These details are designed to be used for submittals and are available on 3.5" diskettes or can be downloaded off the internet at our web site address (www.mtlsales.com).



The condition submittal pages contain a clear illustration of the various flashing details, illustrations of all necessary manufactured components, and a listing of the remaining components necessary to assemble the flashing condition.



Refers to Metal Sales' suggested flashing condition detail. This illustration shows the correct component placement for each detail.



Refers to Metal Sales' standard manufactured flashing profiles required to assemble the flashing condition. These components are fully illustrated and discussed.

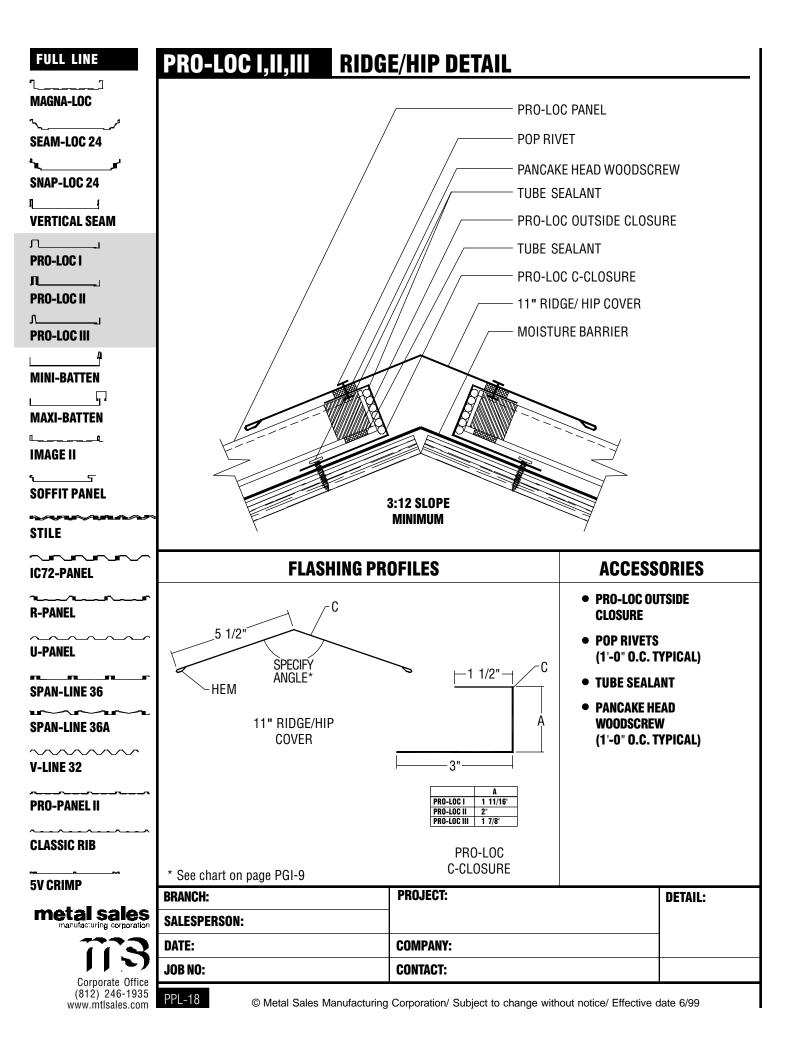


Refers to Metal Sales' accessories required to assemble the flashing condition.

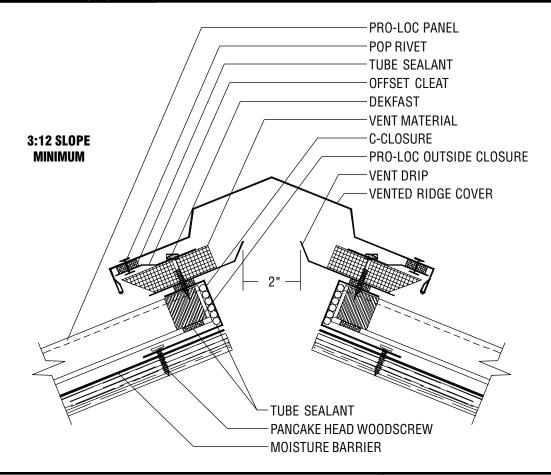




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PRO-LOC I,II,III VENTED RIDGE DETAIL



See chart on page PGI-9

ACCESSORIES

- PRO-LOC OUTSIDE CLOSURE
- TUBE SEALANT
- POP RIVETS (1'-0" O.C. TYPICAL)
- DEKFAST SCREW (1'-0" O.C. TYPICAL)
- PANCAKE HEAD WOODSCREW (1'-0" O.C. TYPICAL)
- VENT MATERIAL

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PRO-LOC C-CLOSURE

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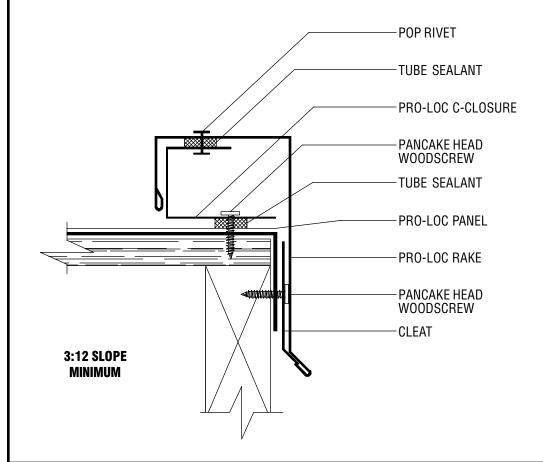


PRO-LOC I,II,III PEAK DETAIL **FULL LINE MAGNA-LOC** - PRO-LOC PANEL PANCAKE HEAD WOODSCREW **SEAM-LOC 24** POP RIVET **SNAP-LOC 24** TUBE SEALANT PRO-LOC OUTSIDE CLOSURE **VERTICAL SEAM** TUBE SEALANT PRO-LOC I PRO-LOC C-CLOSURE **PRO-LOC II** PEAK MOISTURE BARRIER PRO-LOC III MINI-BATTEN · CLEAT PANCAKE HEAD WOODSCREW **MAXI-BATTEN** IMAGE II 3:12 SLOPE **SOFFIT PANEL** MINIMUM STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL** PRO-LOC OUTSIDE -1 1/2"-**R-PANEL** CLOSURE C TUBE SEALANT **U-PANEL** POP RIVETS **SPECIFY** HEM _____ (1'-0" O.C. TYPICAL) 'ANGLE* **SPAN-LINE 36** -3"-5/8" PANCAKE HEAD **OPEN HEM** C-WOODSCREW PRO-LOC I 1 11/16" **SPAN-LINE 36A** <>3/8" (1'-0" O.C. TYPICAL) PRO-LOC II 2" PRO-LOC III 1 7/8" $\wedge \wedge \wedge \wedge \wedge \wedge$ **PEAK** 2 1/2" V-LINE 32 PRO-LOC **C-CLOSURE PRO-PANEL II CLASSIC RIB CLEAT** * See chart on page PGI-9 **5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:**

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PRO-LOC I,II,III RAKE DETAIL



FLASHING PROFILES ACCESSORIES TUBE SEALANT C-POP RIVETS (1'-0" O.C. TYPICAL) 2 1/2" PANCAKE HEAD WOODSCREW -1 1/2"-(1'-0" O.C. TYPICAL) 3 1/8"-1 5/8" **CLEAT** HEM 3" PRO-LOC I 1 11/1 PRO-LOC II 2" PRO-LOC III 1 7/8" 1 11/16" **OPEN HEM** 5/8"~ PRO-LOC C-CLOSURE PRO-LOC RAKE **BRANCH:** PROJECT:

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PPL-21



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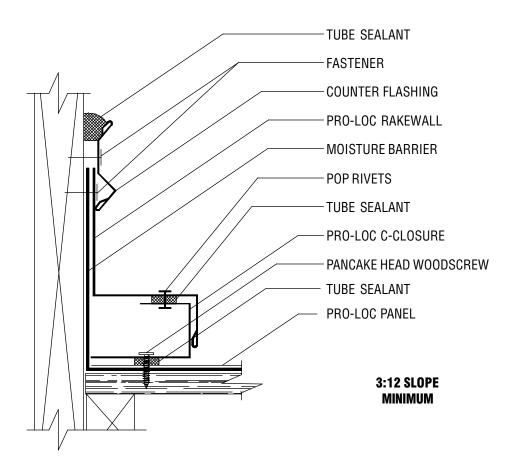
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PRO-LOC I,II,III RAKE PARAPET REGLET DETAIL **FULL LINE MAGNA-LOC** TUBE SEALANT REGLET FLASHING **SEAM-LOC 24** PANCAKE HEAD WOODSCREW **SNAP-LOC 24** PRO-LOC RAKEWALL **VERTICAL SEAM** MOISTURE BARRIER POP RIVET PRO-LOC I TUBE SEALANT **PRO-LOC II** PRO-LOC C-CLOSURE PRO-LOC III PANCAKE HEAD WOODSCREW TUBE SEALANT MINI-BATTEN PRO-LOC PANEL **MAXI-BATTEN IMAGE II** 3:12 SLOPE MINIMUM **SOFFIT PANEL** STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL** TUBE SEALANT R-PANEL POP RIVETS (1'-0" O.C. TYPICAL) **U-PANEL** PANCAKE HEAD HEM-_____ **WOODSCREW** -1 1/2"-**SPAN-LINE 36** (1'-0" O.C. TYPICAL) u~~~ **SPAN-LINE 36A** REGLET 3 7/8" ^^^^^ **FLASHING** V-LINE 32 3"-3 1/8" -**PRO-PANEL II** 1 1/2" PRO-LOC I 1 11/16" HEM PRO-LOC II 2" PRO-LOC III 1 7/8" **CLASSIC RIB** PRO-LOC RAKEWALL PRO-LOC C-CLOSURE **5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office

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PRO-LOC I,II,III RAKE PARAPET COUNTER DETAIL



FLASHING PROFILES ACCESSORIES HEM, TUBE SEALANT POP RIVETS (1'-0" O.C. TYPICAL) PANCAKE HEAD -1 1/2"-**WOODSCREW** HEM, (1'-0" O.C. TYPICAL) **COUNTER** 3 7/8" **FLASHING** 3" 3 1/8" -PRO-LOC I 1 11/16" PRO-LOC II 2" PRO-LOC III 1 7/8" HEM. PRO-LOC PRO-LOC RAKEWALL **C-CLOSURE BRANCH:** PROJECT: **DETAIL:**

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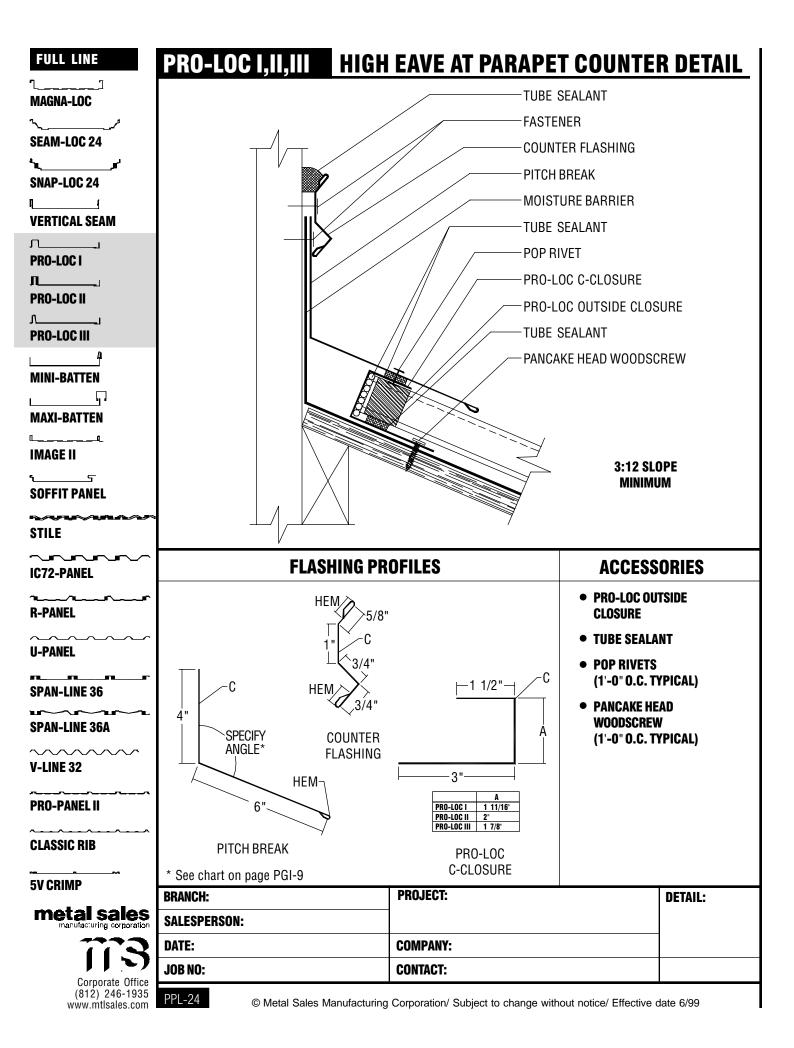
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TUBE SEALANT PANCAKE HEAD WOODSCREW REGLET FLASHING PITCH BREAK MOISTURE BARRIER TUBE SEALANT POP RIVET PRO-LOC C-CLOSURE PRO-LOC OUTSIDE CLOSURE TUBE SEALANT PANCAKE HEAD WOODSCREW

FLASHING PROFILES ACCESSORIES PRO-LOC OUTSIDE **CLOSURE** TUBE SEALANT POP RIVETS HEM-(1'-0" O.C. TYPICAL) -1 1/2" PANCAKE HEAD 4" WOODSCREW SPECIFY (1'-0" O.C. TYPICAL) REGLET ANGLE* **FLASHING** 3" HEM-PRO-LOC I 1 11/16" 6" PRO-LOC II 2" PRO-LOC III 1 7/8" PITCH BREAK PRO-LOC **C-CLOSURE** * See chart on page PGI-9 **BRANCH:** PROJECT: **DETAIL:**

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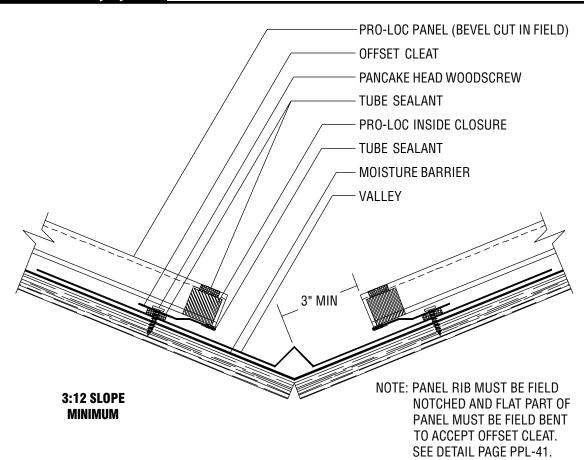
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PRO-LOC I,II,III VALLEY WITH STARTER DETAIL **FULL LINE MAGNA-LOC** CAUTION In climates where **SEAM-LOC 24** extreme cold conditions may occur, the Starter PRO-LOC PANEL(BEVEL CUT IN FIELD) installation method may **SNAP-LOC 24** STARTER not be suitable for use due to ice damming. PANCAKE HEAD WOODSCREW **VERTICAL SEAM** TUBE SEALANT -PRO-LOC INSIDE CLOSURE PRO-LOC I TUBE SEALANT **PRO-LOC II** MOISTURE BARRIER VALLEY PRO-LOC III MINI-BATTEN **MAXI-BATTEN** 3" MIN IMAGE II **SOFFIT PANEL** 3:12 SLOPE MINIMUM STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL** PRO-LOC INSIDE **R-PANEL CLOSURE SPECIFY** TUBE SEALANT **U-PANEL** ANGLE? **PANCAKE HEAD WOODSCREW** 9 1/2" **SPAN-LINE 36** (1'-0" O.C. TYPICAL) ·~~ **SPAN-LINE 36A VALLEY** ~~~~~ V-LINE 32 **PRO-PANEL II** -2 1/2"-STARTER **CLASSIC RIB** * See chart on page PGI-9 **5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office (812) 246-1935 www.mtlsales.com PPL-26 © Metal Sales Manufacturing Corporation/ Subject to change without notice/ Effective date 6/99

PRO-LOC I,II,III VALLEY WITH OFFSET DETAIL



FLASHING PROFILES ACCESSORIES PRO-LOC INSIDE **CLOSURE SPECIFY** TUBE SEALANT ANGLE* PANCAKE HEAD **WOODSCREW** 9 1/2" (1'-0" O.C. TYPICAL) **VALLEY** OFFSET CLEAT * See chart on page PGI-9 **BRANCH:** PROJECT:

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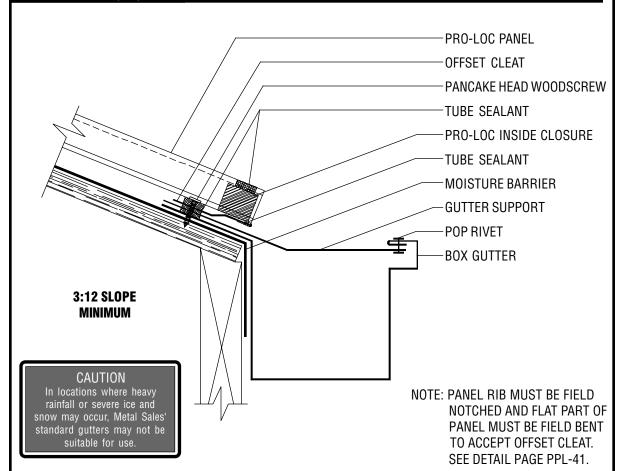
PRO-LOC I,II,III SLOPE CHANGE DETAIL **FULL LINE** MAGNA-LOC PRO-LOC PANEL OFFSET CLEAT SEAM-LOC 24 PANCAKE HEAD WOODSCREW PRO-LOC INSIDE CLOSURE **SNAP-LOC 24** TUBE SEALANT **VERTICAL SEAM** MOISTURE BARRIER PITCH BREAK PRO-LOC I TUBE SEALANT **PRO-LOC II** POP RIVET - PRO-LOC OUTSIDE CLOSURE **PRO-LOC III** PRO-LOC C-CLOSURE PANCAKE HEAD WOODSCREW MINI-BATTEN **MAXI-BATTEN** IMAGE II 3:12 SLOPE NOTE: PANEL RIB MUST BE FIELD MINIMUM NOTCHED AND FLAT PART OF **SOFFIT PANEL** PANEL MUST BE FIELD BENT TO ACCEPT OFFSET CLEAT. STILE SEE DETAIL PAGE PPL-41. **FLASHING PROFILES ACCESSORIES IC72-PANEL** PRO-LOC OUTSIDE R-PANEL **CLOSURE** PRO-LOC INSIDE **U-PANEL CLOSURE** —1 1/2"*-*OFFSET CLEAT _____ TUBE SEALANT **SPAN-LINE 36** 4" POP RIVETS **SPECIFY** (1'-0" O.C. TYPICAL) **SPAN-LINE 36A** ANGLE* PANCAKE HEAD $\wedge \wedge \wedge \wedge \wedge \wedge$ 3" WOODSCREW V-LINE 32 HEM-(1'-0" O.C. TYPICAL) PRO-LOC I 1 11/16" PRO-LOC II 2" PRO-LOC III 1 7/8" **PRO-PANEL II** PITCH BREAK PRO-LOC **CLASSIC RIB** C-CLOSURE * See chart on page PGI-9 **5V CRIMP** PROJECT: **BRANCH: DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office

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PRO-LOC I,II,III EAVE WITH GUTTER OFFSET DETAIL



PRO-LOC INSIDE HEM **CLOSURE** TUBE SEALANT POP RIVETS 3 1/2" (1 PER GUTTER SUPPORT) OPEN HEM- PANCAKE HEAD 1/2" 1" **SPECIFY WOODSCREW** UNIVERSAL GUTTER/ ANGLE* (1'-0" O.C. TYPICAL) DOWNSPOUT STRAP 5" 5" **BOX GUTTER**

FLASHING PROFILES

* See chart on page PGI-9 BRANCH: SALESPERSON: DATE: JOB NO: CONTACT: OFFSET CLEAT DETAIL: COMPANY: CONTACT:

ACCESSORIES

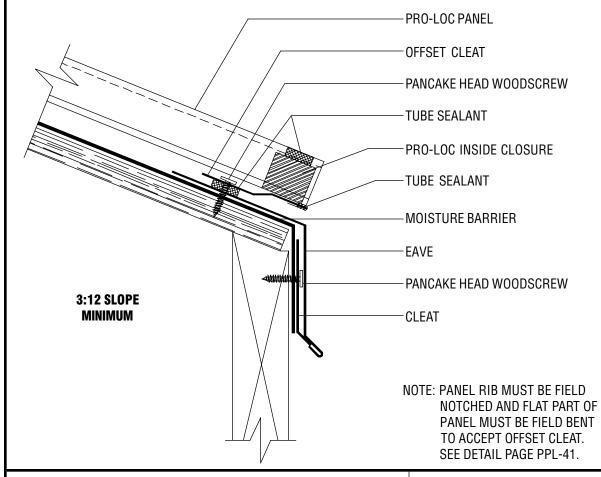
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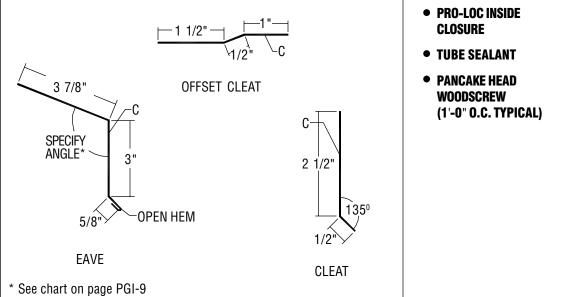
PRO-LOC I,II,III EAVE WITH GUTTER STARTER DETAIL **FULL LINE** PRO-LOC PANEL MAGNA-LOC STARTER SEAM-LOC 24 PANCAKE HEAD WOODSCREW TUBE SEALANT **SNAP-LOC 24** PRO-LOC INSIDE CLOSURE TUBE SEALANT **VERTICAL SEAM** MOISTURE BARRIER PRO-LOC I **GUTTER SUPPORT** POP RIVET **PRO-LOC II BOX GUTTER PRO-LOC III** MINI-BATTEN 3:12 **SLOPE** MINIMUM **MAXI-BATTEN** IMAGE II CAUTION CAUTION In locations where heavy rainfall or severe ice and snow may occur, Metal Sales' standard gutters may In climates where extreme cold **SOFFIT PANEL** conditions may occur, the Starter installation method may not be suitable for use due to ice damming. not be suitable for use. STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL HEM** PRO-LOC INSIDE R-PANEL **CLOSURE** TUBE SEALANT **U-PANEL** POP RIVETS 3 1/2" (1 PER GUTTER SUPPORT) OPEN HEM-**SPAN-LINE 36** PANCAKE HEAD **SPECIFY** WOODSCREW UNIVERSAL GUTTER/ **SPAN-LINE 36A** ANGLE* (1'-0" O.C. TYPICAL) DOWNSPOUT STRAP 5" $\wedge \wedge \wedge \wedge \wedge \wedge$ V-LINE 32 **PRO-PANEL II** 5"-2 1/2" -**BOX GUTTER CLASSIC RIB** STARTER * See chart on page PGI-9 **5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office (812) 246-1935 www.mtlsales.com PPL-30

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PRO-LOC I,II,III EAVE OFFSET DETAIL



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PRO-LOC I,II,III EXTENDED EAVE DETAIL **FULL LINE** MAGNA-LOC SEAM-LOC 24 - PRO-LOC PANEL **SNAP-LOC 24** PANCAKE HEAD WOODSCREW TUBE SEALANT **VERTICAL SEAM** PRO-LOC INSIDE CLOSURE PRO-LOC I **PRO-LOC II** TUBE SEALANT MOISTURE BARRIER PRO-LOC III PANCAKE HEAD WOODSCREW MINI-BATTEN 3:12 SLOPE CLEAT MINIMUM EXTENDED EAVE **MAXI-BATTEN** IMAGE II NOTE: PANEL RIB MUST BE FIELD NOTCHED AND FLAT PART OF PANEL MUST BE FIELD **SOFFIT PANEL** BENT AROUND EXTENDED EAVE FLASHING. SEE PAGE STILE PPL-41. **FLASHING PROFILES ACCESSORIES IC72-PANEL** PRO-LOC INSIDE **R-PANEL CLOSURE** TUBE SEALANT **U-PANEL** PANCAKE HEAD WOODSCREW **SPAN-LINE 36** 2 1/2" (1'-0" O.C. TYPICAL) **SPECIFY** ANGLE³ **SPAN-LINE 36A** 1350 $\wedge \wedge \wedge \wedge \wedge \wedge$ OPEN HEM -V-LINE 32 3/8" **CLEAT PRO-PANEL II EXTENDED EAVE CLASSIC RIB** * See chart on page PGI-9 **5V CRIMP** PROJECT: **BRANCH:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:**

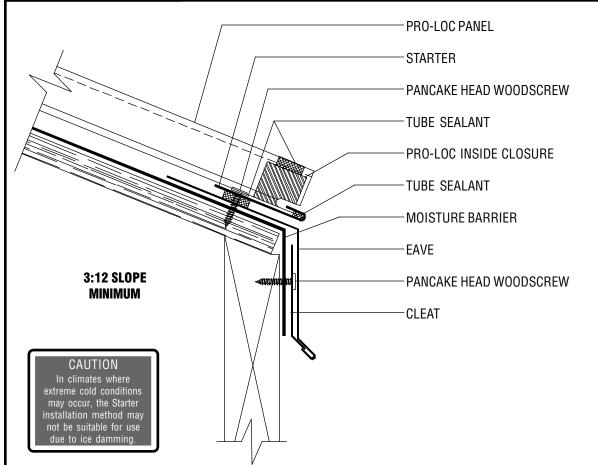
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PRO-LOC I,II,III EAVE STARTER DETAIL



FLASHING PROFILES ACCESSORIES PRO-LOC INSIDE **CLOSURE** TUBE SEALANT 2 1/2" PANCAKE HEAD 3 7/8" **STARTER** WOODSCREW (1'-0" O.C. TYPICAL) **SPECIFY** ANGLE* 2 1/2" **OPEN HEM** 5/8" **EAVE CLEAT** * See chart on page PGI-9 PROJECT:

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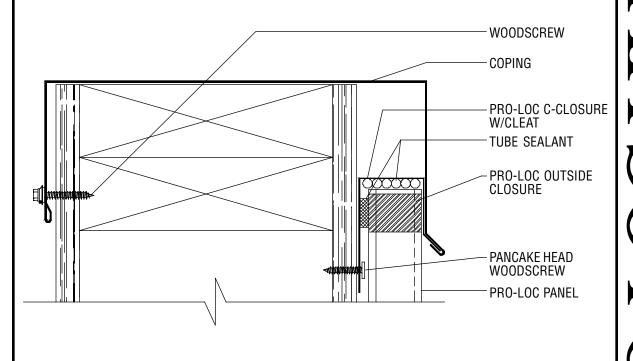
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PRO-LOC I,II,III TRANSITION DETAIL **FULL LINE** Note: The CCS Pro-Loc Panel System must be used on **MAGNA-LOC** applications with slope to fascia transitions. SEAM-LOC 24 POP RIVET **SNAP-LOC 24** PRO-LOC RIB COVER **VERTICAL SEAM** PRO-LOC I PRO-LOC II PRO-LOC III MINI-BATTEN PRO-LOC PANEL **MAXI-BATTEN** FIELD NOTCH AND BEND PANEL TUBE SEALANT **IMAGE II** 3:12 SLOPE **MINIMUM SOFFIT PANEL** STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL** TUBE SEALANT **R-PANEL** POP RIVETS **U-PANEL** _____ **SPAN-LINE 36 SPAN-LINE 36A** ^^^^^ **V-LINE 32** PRO-LOC RIB **PRO-PANEL II COVER CLASSIC RIB 5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office (812) 246-1935 www.mtlsales.com PPL-34 © Metal Sales Manufacturing Corporation/ Subject to change without notice/ Effective date 6/99

PRO-LOC I,II,III COPING DETAIL



FLASHING PROFILES ACCESSORIES PRO-LOC OUTSIDE 10" **CLOSURE** TUBE SEALANT 3 5/8" **PANCAKE HEAD** HEM **WOODSCREWS** OPEN HEM-(1'-0" O.C. TYPICAL) 5/8" 1/2"/ WOODSCREW **COPING** (1'-0" O.C. TYPICAL) 3"-PRO-LOC II 1 11/16" PRO-LOC III 2" PRO-LOC III 1 7/8" PRO-LOC C-CLOSURE W/CLEAT **BRANCH:** PROJECT: **DETAIL:**

PRO-LOC I, III, III SONDITION SUBMITTAL DETAIL

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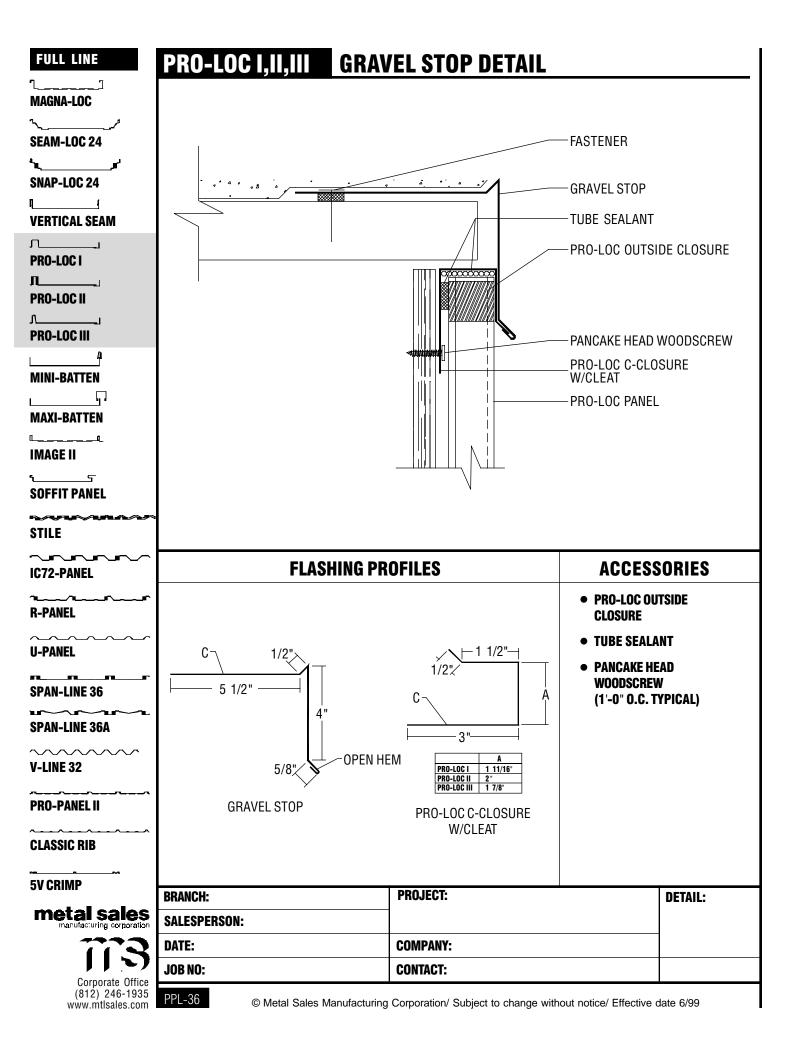


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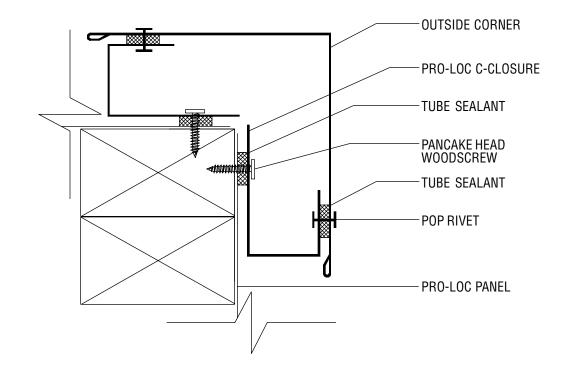
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PRO-LOC I,II,III OUTSIDE CORNER DETAIL



FLASHING PROFILES ACCESSORIES TUBE SEALANT POP RIVETS -1 1/2"· (1'-0" O.C. TYPICAL) 5 1/2" PANCAKE HEAD **WOODSCREWS** (1'-0" O.C. TYPICAL) 5 1/2" 3" HEM-PRO-LOC I 1 11/16" PRO-LOC II 2" PRO-LOC III 1 7/8" **OUTSIDE CORNER** PRO-LOC **C-CLOSURE BRANCH:** PROJECT: **DETAIL:**

PRO-LOC I, II, II CONDITION SUBMITTAL DETAIL

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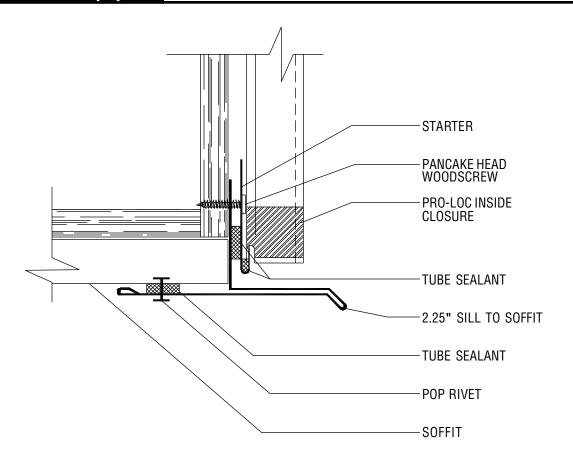
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PRO-LOC I,II,III INSIDE CORNER DETAIL **FULL LINE MAGNA-LOC SEAM-LOC 24** - INSIDE CORNER **SNAP-LOC 24** PRO-LOC C-CLOSURE TUBE SEALANT **VERTICAL SEAM** PANCAKE HEAD WOODSCREW PRO-LOC I POP RIVET **PRO-LOC II** TUBE SEALANT PRO-LOC III PRO-LOC PANEL MINI-BATTEN **MAXI-BATTEN IMAGE II SOFFIT PANEL** STILE **FLASHING PROFILES ACCESSORIES IC72-PANEL** TUBE SEALANT **R-PANEL** POP RIVETS (1'-0" O.C. TYPICAL) -1 1/2"-**U-PANEL** PANCAKE HEAD _____ **WOODSCREWS SPAN-LINE 36** (1'-0" O.C. TYPICAL) 5 1/2" _____ **SPAN-LINE 36A** -HEM 3"-^^^^^ PRO-LOC I 1 11/16" **V-LINE 32** - 5 1/2" PRO-LOC II 2 PRO-LOC III 1 7/8" **PRO-PANEL II INSIDE CORNER** PRO-LOC **C-CLOSURE CLASSIC RIB 5V CRIMP BRANCH:** PROJECT: **DETAIL:** metal sales **SALESPERSON:** DATE: **COMPANY:** JOB NO: **CONTACT:** Corporate Office (812) 246-1935 www.mtlsales.com PPL-38 © Metal Sales Manufacturing Corporation/ Subject to change without notice/ Effective date 6/99

PRO-LOC I,II,III SILL TO SOFFIT DETAIL



FLASHING PROFILES ACCESSORIES PRO-LOC INSIDE **CLOSURE** TUBE SEALANT 2 1/2" POP RIVETS HEM-(1'-0" O.C. TYPICAL) 4 3/4" PANCAKE HEAD **WOODSCREW** 2.25" SILL TO SOFFIT (1'-0" O.C. TYPICAL) 2 1/2" -**STARTER BRANCH:** PROJECT:

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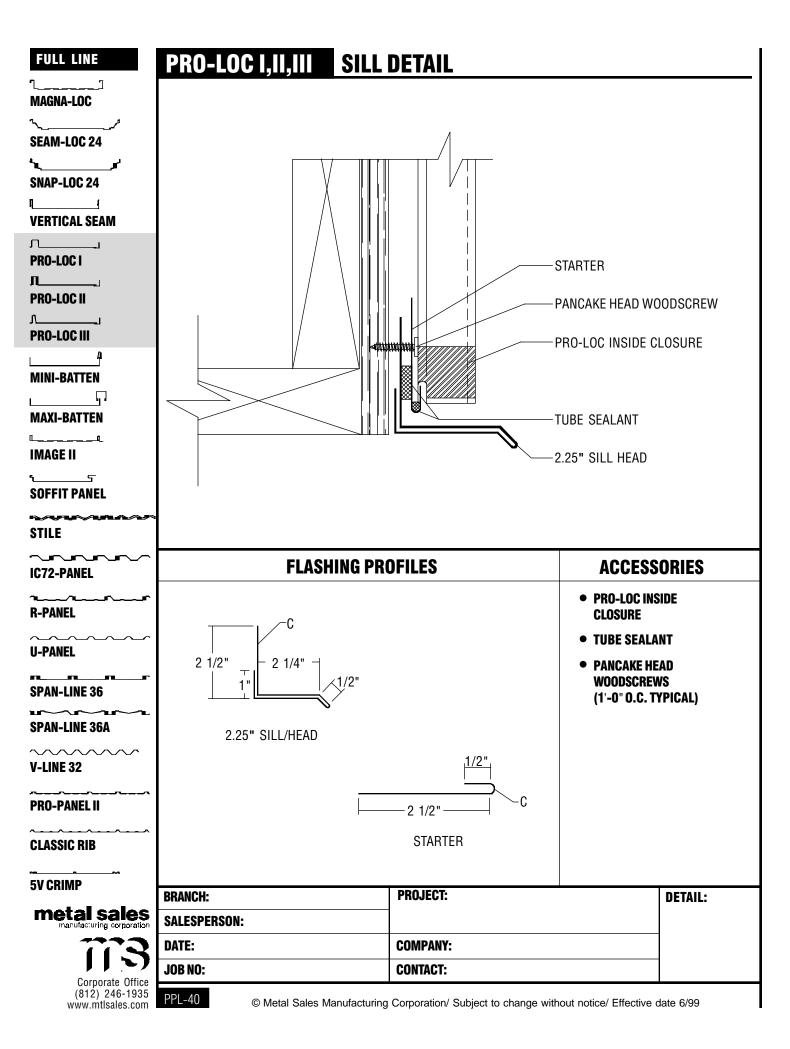
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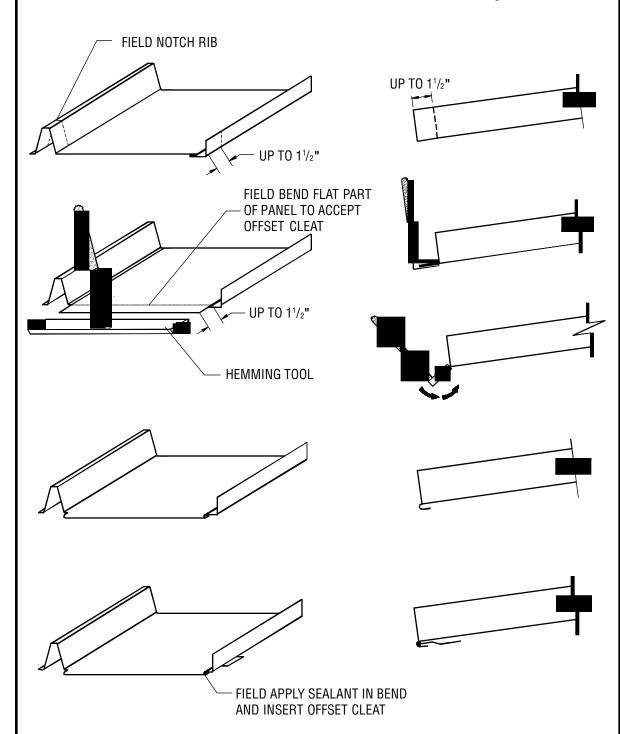
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PRO-LOC I,II,III OFFSET CLEAT DETAIL

FIELD HEMMING - Panels must be field notched and hemmed when using an Offset Cleat.



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