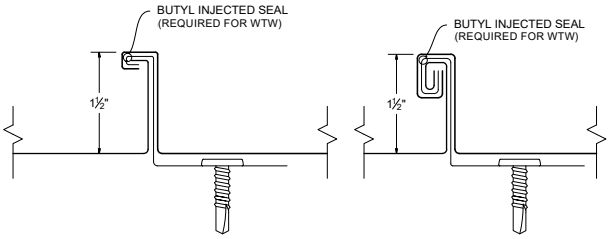
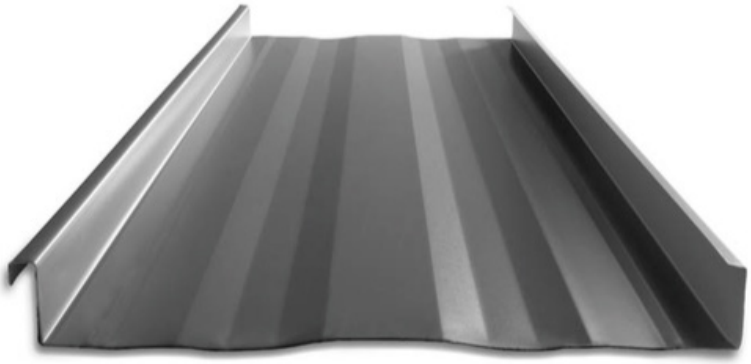
TAYLOR METAL PRODUCTS

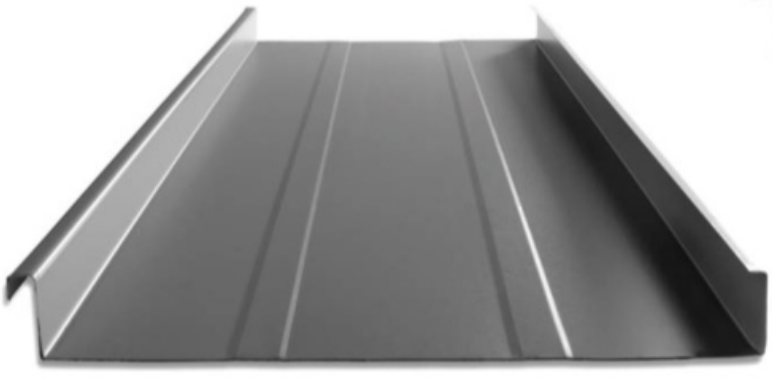
MS-100™ & MS-150™
Installation Guide - WeatherTight Warranty Details

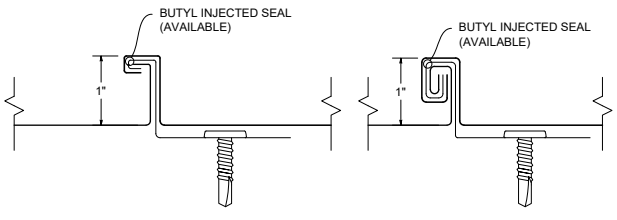
(*Note: MS-100™ does not qualify for WeatherTight Warranties)







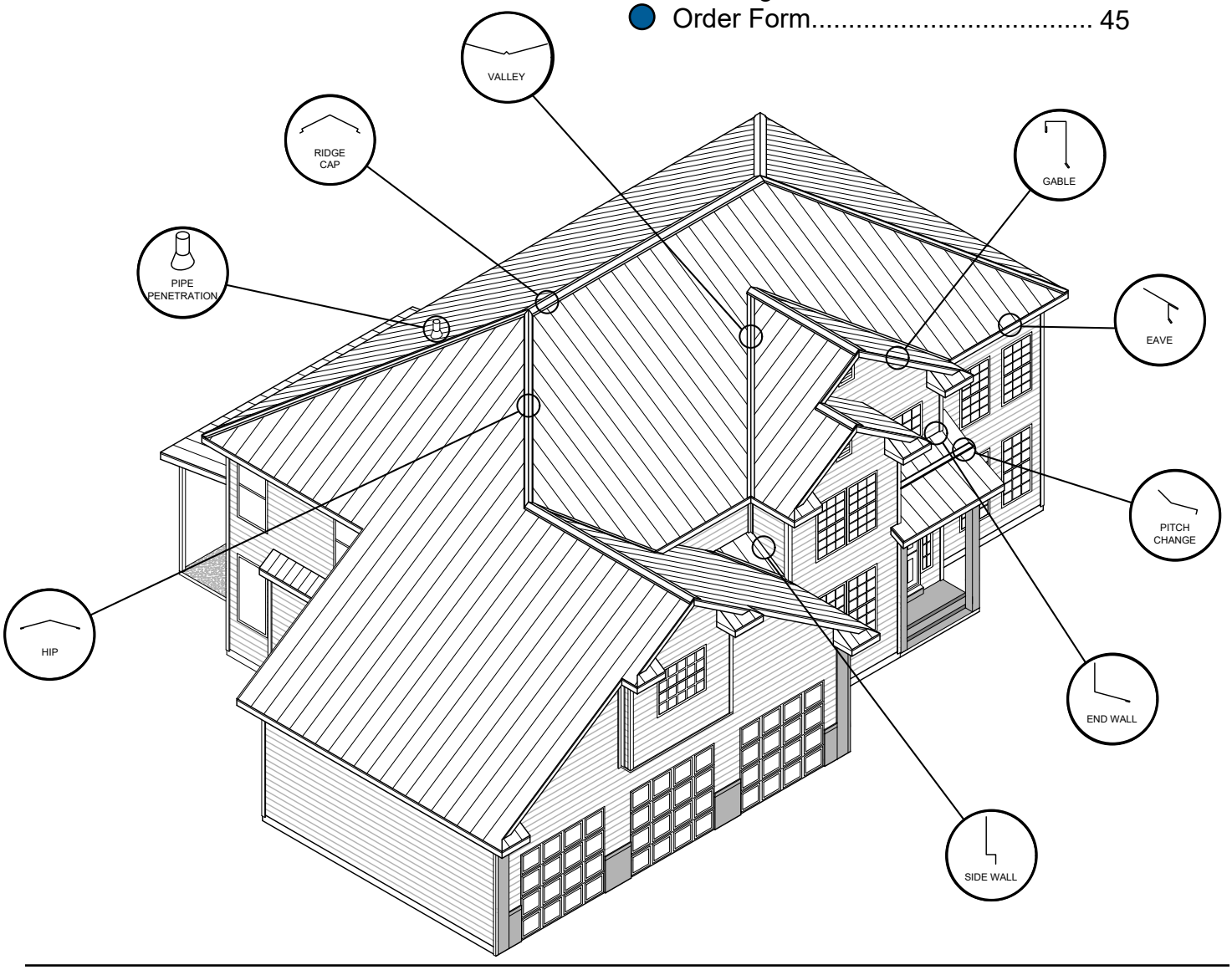




TAYLOR METAL PRODUCTS

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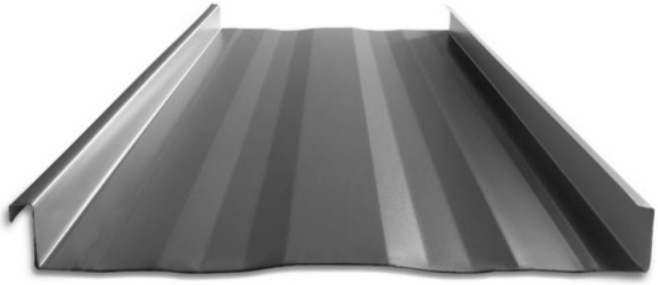
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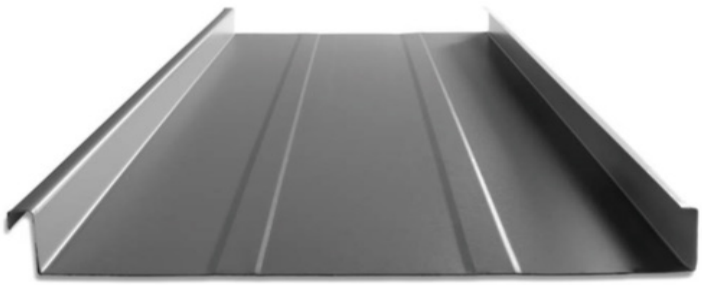
TAYLOR METAL PRODUCTS

MS-100™
MECHANICALLY SEAMED

13", 17" & 21" coverage options
(other widths inquire)

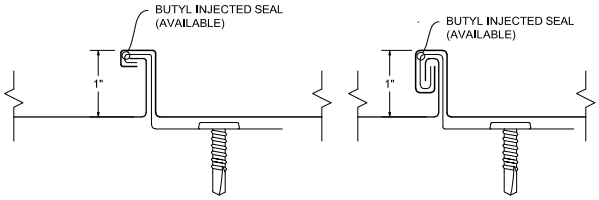


STRIATIONS
BEST CHOICE TO HELP MITIGATE OIL CANNING



ACCENT RIBS
2 Accent ribs for 13" panels
3 Accent ribs for 17" & 21" panels (Salem & Riverside)
2 Accent ribs for all panels (Sacramento)

90º SEAM DETAIL



180 º SEAM DETAIL

KEY FEATURES

- 13", 17" & 21" coverage options *(other widths inquire)*
- 24 & 22 Tru-Gauge™ and .032" Aluminum
- 16 & 20 oz. Copper
  (Please inquire)
- Zinc Coil *(inquire for thicknesses)*
- Floating clip system: allows for expansion/contraction of panels in longer lengths
- 1" vertical rib
- Factory injected Butyl sealant
- Clip Relief is not standard, available upon request
- Concealed fasteners: fasteners cannot leak
- 1:12 minimum pitch recommended
  (*For lower pitches, please inquire)*
- Standard panel lengths 3' to 60' - notched
  Standard panel lengths 1' to 60' - not notched
  (*For longer panels, please inquire)*
- Onsite roll forming available
- Panel options: Striations, Accent Ribs, and Flat Pan
- Manufactured in Salem OR, Riverside CA & Sacramento CA

TESTING

- ICC EVALUATION SERVICE® ICC #5046 with CBC-CRC Supplement
- UL Code compliance UL Evaluation Report
  UL ER #25913-01
- UL Construction No. 575 & 602
- UL 580 Class 90 - Wind Uplift
- UL 790 Class A (ASTM E108) - Fire rated
- UL 2218 Class 4 - Impact (hail) rated
- ASTM A653/A924 - G90 Galvanized
- ASTM A792 - Zincalume/Galvalume AZ-50/55
- ASTM B209 - Aluminum Substrate
- ASTM E2886 - Ember Resistant ridge/endwall/peak flashings available



The MS-100™ is a mechanically seamed roof that is perfect for high wind areas and snow country. The butyl injected seam prevents water from entering the system, giving you a worry free roof for a lifetime.

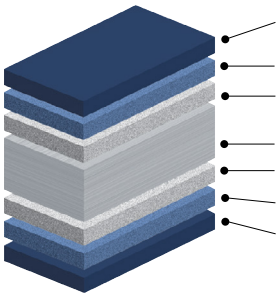
TAYLOR METAL PRODUCTS

MATERIAL SPECIFICATIONS

- 24 Tru-Gauge™ Kynar 500® Painted Steel
- ▲22 Tru-Gauge™ Kynar 500® Painted Steel
- ✦.032" Kynar 500® Painted Aluminum
- 24 Tru-Gauge™ G-90 Galvanized or AZ-50
- 24 and 22 Tru-Gauge™ bare Zincalume® Plus AZ-55 *(No finish warranty – 25 yr. perforation warranty)*
- G-90 Galvanized or AZ-50
- .040" Kynar 500® Painted Aluminum (please inquire)
- 24 Tru-Gauge™ Bonderized
- 22 gauge Rusteel Plus™ (A606)
- Custom 20 & 18 Tru-Gauge™ and .050" and .063" Aluminum (please inquire)
- 16 OZ & 20 OZ Real Copper (please inquire)
- Kynar 500® and substrate testing data available (See website)
- PVDF is a fluoropolymer that is manufactured under the trademarked names Kynar 500® and Duranar®(PPG). Paint finishes containing a minimum 70% PVDF resin meet the high-performance weathering criteria established by the American Architectural Manufacturing Association and are allowed to carry the Kynar500® trademarked name. Zincalume & Zincalume® Plus are registered trademarks of Bluescope Ltd. Galvalume® is a registered trademark of BIEC International, Inc. Vintage® is a registered trademark of Steelscape, Inc. Kynar® and Kynar 500® is a registered trademarks of Arkema, Inc.

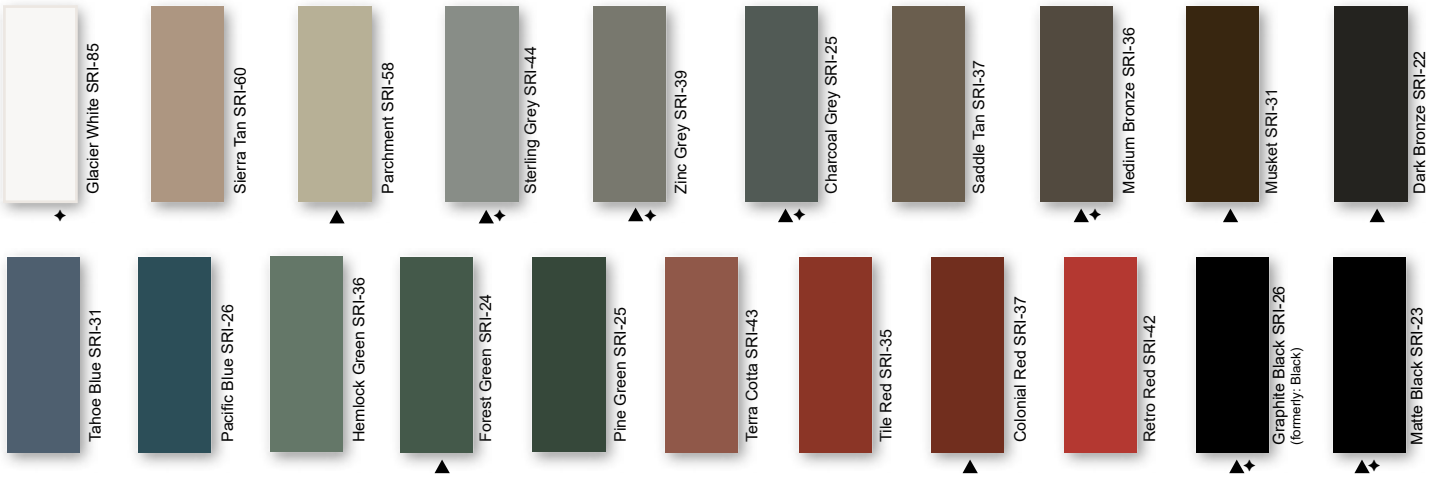
FINISHES

- 21 Standard Colors, 5 Metallic Colors and 4 Specialized Colors
- Kynar 500® Paint System - the ultimate in exterior durability and color retention
- "Cool" color pigments are specially designed to reflect infrared light, reducing heat gain to dwelling, and conform with ENERGY STAR® criteria
- Superior quality, two coat, 70% resin finish, applied at a 1 mil. thickness
- 40 year residential paint warranty
- 20 and 30 year commercial paint warranty: Contact TMP for warranty specifications
- "Oil Canning" is an inherent characteristic of roof and wall products, and not a defect, which is not a cause for panel rejection

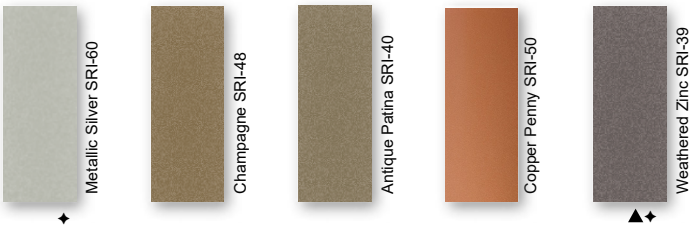


STANDARD COOL KYNAR 500® COLORS

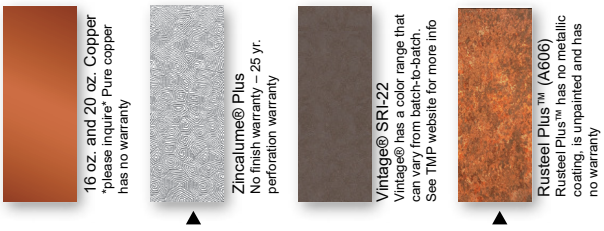
▲22 Tru-Gauge™ ✦.032 Aluminum



PREMIUM METALLIC COOL KYNAR® COLORS



SPECIALIZED MATERIAL



These printed chips provide a close representation of the colors.

Metal samples are available upon request. Coatings are low gloss 10-15% sheen.

*SRI = Solar Reflective Index. SRI values listed above are in accordance with ASTM E 1980 and are based on actual testing.***Oil canning is not a cause for material rejection****

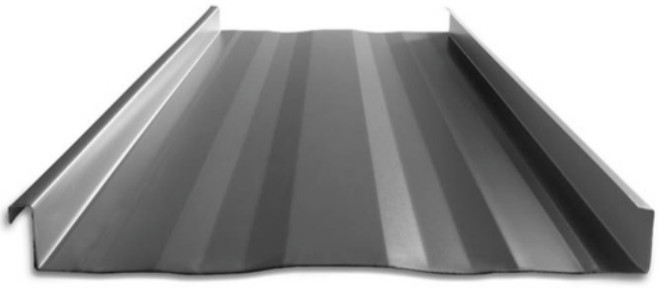
steelscape PPG ENERGY STAR CRRC MEMBER

TAYLOR METAL PRODUCTS

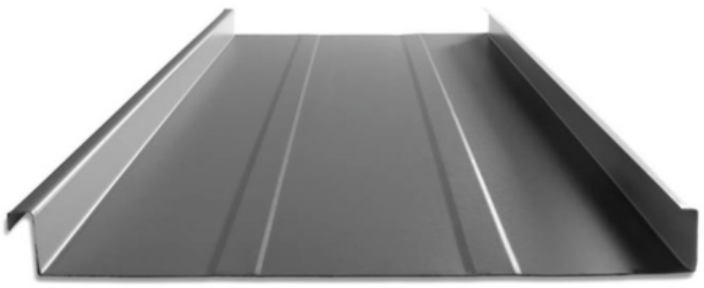
MS-150™ WTW
MECHANICALLY SEAMED

ICC EVALUATION SERVICE® **ICC-ES EVALUATION REPORT #5046 with CBC-CRC Supplement**

12", 16" & 20" coverage options
(other widths inquire)



STRIATIONS



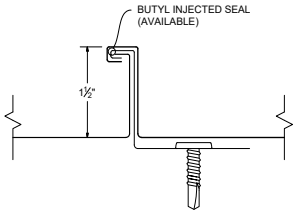
ACCENT RIBS

2 Accent ribs for 12" & panels
3 Accent ribs for 16" & 20" panels (Salem & Riverside)

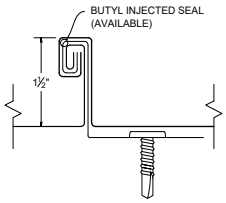
2 Accent ribs for all panels (Sacramento)



The MS-150™ is a mechanically seamed roof that is perfect for high wind areas and snow country. The butyl injected seam prevents water from entering the system, giving you a worry free roof for a lifetime.



90º SEAM DETAIL



180º SEAM DETAIL

KEY FEATURES

- 12", 16" & 20" coverage options *(other widths inquire)*
- 24 & 22 Tru-Gauge™ and .032" Aluminum
- 16 & 20 oz. Copper *(Please inquire)*
- Zinc Coil *(inquire for thicknesses)*
- Floating clip system: allows for expansion/contraction of panels in longer lengths
- 1-1/2" vertical rib
- Factory injected Butyl sealant
- Clip Relief is not standard, available upon request
- Concealed fasteners: fasteners cannot leak
- 1:12 minimum pitch recommended *(For lower pitches, please inquire)*
- Standard panel lengths 3' to 60' - notched
  Standard panel lengths 1' to 60' - not notched
  (For longer panels, please inquire)
- Onsite roll forming available
- Panel options: Striations, Accent Ribs, and Flat Pan
- OverEZee retro-fit systems available
- Weather tightness warranty available: *(Contact TMP representative for details)*
- Manufactured in Salem OR, Riverside CA & Sacramento CA

TESTING

- ICC EVALUATION SERVICE® ICC #5046 with CBC-CRC Supplement
- UL Code compliance UL Evaluation Report UL ER #25913-01
- UL Construction No. 554, 588, 603, 604, 605
- UL 580 Class 90 - Wind Uplift
- UL 790 Class A (ASTM E108) - Fire rated
- UL 2218 Class 4 - Impact (hail) rated
- ASTM E1680 - Air Infiltration (roof)
- ASTM E283 - Air Infiltration(wall)
- ASTM E1646 - Water Infiltration (roof)
- ASTM E331 - Water Infiltration(wall)
- ASTM E1514 - Standard for Structural Standing steel roof panels systems.
- ASTM A653/A924 - G90 Galvanized
- ASTM A792 - Zincalume/Galvalume AZ-50/55
- ASTM B209 - Aluminum Substrate
- ASTM E2140 Standard Test Method for Water Penetration (full immersion)
- ASTM E2886 - Ember Resistant ridge/endwall/peak flashing available

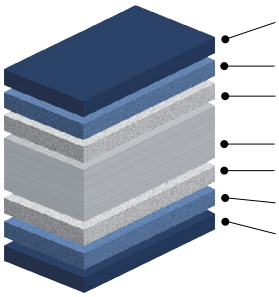
TAYLOR METAL PRODUCTS

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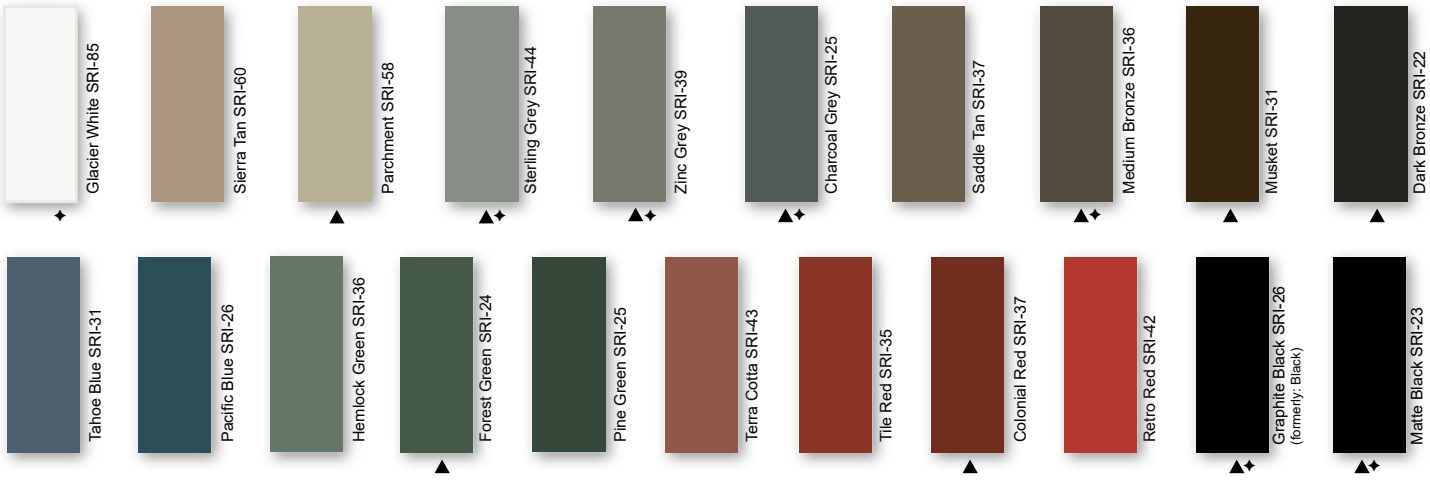
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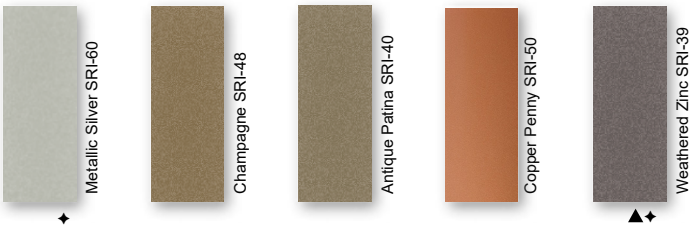


STANDARD COOL KYNAR 500® COLORS

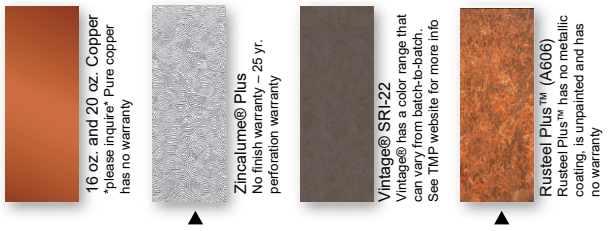
▲22 Tru-Gauge™ ✦.032 Aluminum



PREMIUM METALLIC COOL KYNAR® COLORS



SPECIALIZED MATERIAL



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steelscape PPG ENERGY STAR CRRC MEMBER

Taylor Delivery Fleet

Delivery Fleet

Taylor Metal Products prides itself with quick lead times delivered with our fleet of semi trucks. Our fleet of trucks are owned and operated by TMP. All of our drivers are Taylor Metal Products employees, so when your truck rolls in to deliver, you are dealing with Taylor Metal Products.

Expect consistant and exceptional service with short lead times. The inhouse fleet allows for efficient and cost-effective delivery.





Mounted on the rear of our semitrailer, the truck-mounted "piggy-back" forklift will accompany you right to your place of use, opening up unprecedented possibilities in terms of transportation. It can travel sideways, carrying panels up to 40' long, allowing delivery in locations that would typically be considered impossible to reach.

Save time and effort while avoiding potential loading and transport issues; have experienced TMP personnel deliver and unload your order.



Delivery & Will Call/Loading

Delivery

We will make every attempt to deliver material to the desired location. We may be unable to gain access on tight corners or steep terrain. If the site is deemed inaccessible by our driver, the customer may choose an alternate delivery site within a reasonable proximity. If we are unable to make the alternate delivery, additional charges may be assessed.

The customer is responsible for:

- Determining adequate access for delivery ahead of time.
- Meeting the delivery at the agreed upon time.
- Providing adequate resources (1-4 people as needed) for off loading materials.
- A charge of $100 per hour may be added for deliveries that go beyond their allotted time
- Check the shipment at the time of delivery.
- Verify material quantities against the shipping/packing list.
- Note any damage or discrepancies upon the paper work at the time of delivery and notify Taylor Metal Products within 48 hours of delivery.

Delivery times are usually scheduled one day in advance. Taylor Metal Products will make every effort to make the delivery at the scheduled time. Please be aware that there may be conditions beyond our control such as traffic, mechanical failures, road closures, etc. which may affect our schedule.

Will Call/Loading

Flatbed trailers and trucks are best suited to transport metal roofing materials. These can be loaded from the side with a forklift and tied down in a safe and secure manner.

We are not able to load materials onto vehicles and/or trailers which are not suitable or may be hazardous to load. Please be aware that if we find a vehicle to be inappropriate, we reserve the right to refuse to load your order.

> Unacceptable examples include: boat trailers, vans, buses, motor homes, campers and box trailers. Pickup racks which do not have sufficient supports for the weight or are not long enough to support bundles are also unacceptable.

Taylor Metal Products is not responsible to tie down loads nor do we provide any tie down materials. Please bring tie downs to secure your load (string or twine are **not** acceptable for this purpose).

Consider having your order delivered on one of our trucks with a piggy back forklift.



Notes to Designer/Installer

Taylor Metal Products is providing the following details as an aid in design. The details in this guide are not inclusive to all design situations. The designer/installer is responsible for modifications and should take into consideration all aspects of the project including climate conditions, such as, snow and wind, as well as, building code requirements, building design, building usage and maintenance requirements.

Installation should be performed only by qualified installers familiar with metal roofing systems and industry standards. For details not shown in this guide, refer to the Sheet Metal and Air Conditioning Contractors National Association (SMACNA) architectural sheet metal manual for proper design. For manufacturer's weather tightness warranties – all details must be preapproved by Taylor Metal Products technical representative.

The Standard gauge for all products in this guide is 24 gauge and the standard finish is Kynar 500®. We recommend specifying all flashings be the same gauge, color, and finish as the panels to ensure long-term durability and color match.

Substrates

Details in the manual are all shown over solid substrate. **MS-100™/MS-150™** can be used over spaced purlins. For solid substrate, **Taylor Metal Products** recommends 15/32" plywood or 22 ga. metal decking. Contact a TMP representative with questions about panel attachment to varying substrates.

Underlayment

For roofs with pitches below 3:12, High Temp Ice and Water shield underlayment must be installed across the entire surface (projects with manufacturer's weathertightness warranties require the TMP private label product). For pitches steeper than (or equal to) 3:12, High Temp Ice and Water is necessary at all perimeter locations, eave, ridge, valley, hips, sidewall, endwall, prow and penetrations. The remaining of the roof's field areas can then be covered with approved synthetic felt. If local codes or specifications require a Class A fire rated assembly, Polystick XFR or Titanium FR (both products are distributed by TMP) must be installed over the entire roof with combustible decks.

Follow manufactures instructions carefully for all underlayment installation.

Drag Load Requirements

All panels must be pinned at one end to resist the drag load caused by snow loads, live loads, and the weight of the panel. Drag load is a function of roof slope, actual load and length of panels. Contact **Taylor Metal Products** for specific drag load requirements.

Notes to Designer / Installer

Ventilation/Insulation

It is the responsibility of the designer to determine the material types needed to control condensation and to insulate and ventilate the roof system. Applications over rigid insulation may require blocking for solid attachment and framing the perimeter for installation of perimeter flashings.

Oil Canning

Flat metal surfaces will display waviness commonly referred to as “oil canning.” Oil canning is caused by a variety of conditions. Steel mill tolerances, variations in or uneven substrates and roofing underlayments. Oil canning is a characteristic of metal roofing, not a defect and is not a cause for rejection. **Taylor Metal Products** offers **MS100™/MS150™** with striations or accent ribs to help minimize oil canning.

Thermal Movement

The Panels and the flashings must be allowed to expand and contract, especially with longer length panels. The panel may need to have a slight gap where the panel hooks the offset cleat to allow for thermal movement of the panels.

Snow Design

The following details do not address all conditions for snow environments. Consult with the designers, engineers, and others for acceptable details to accommodate your project and climate conditions. When possible gutters, valleys, pitch changes or other penetrations should be minimized in snow areas.

All roof penetrations should be located as close to the ridge or “pin point” top of roof. Snow country requires special designs for valleys to accommodate accumulation of snow and ice from uphill panels. Roof design should be considered in snow areas. Roof design should help resist the melting and freezing of snow and ice.

A fit for purpose roof design has the greatest impact on maintaining a damage free roof system in snow areas. Please contact a **Taylor Metal Products** representative for assistance in detail designs and appropriate panel selection for specific climate and building conditions.

Flashings

Flashing weight calculations are based on 24-gauge material.

Handling and Storage

Handling / Storage & Safety

Handle materials with care when off-loading or moving materials to avoid damage to panels or flashings. Long panels may require two or more pick-up points, properly spaced to avoid damaging panels. Plan ahead; contact **Taylor Metal Products** for recommendations on handling/hoisting long panels.

Store the panels, flashings and accessories in a dry, well ventilated area, off the ground. If covering, allow ventilation around panels. Elevate one end of bundle to allow drainage of wet materials.

Wear clean, soft-soled shoes when walking on roofing panels to avoid damage to the painted finish.

Take care that sand, gravel, dirt, etc. sticking to your shoes is not carried onto the roof, scratching or otherwise damaging the finish on the roofing material. Walking on asphalt impregnated felt paper, especially on a hot day, can cause the asphalt to stick to your shoes and be tracked on to the roofing material.

Take care when painting to avoid getting over spray on the roofing material. Remember that wind can carry paint particles some distance. Over spray can cause the finish of the roofing material to look dull and may void your warranty.

Secure materials, especially when leaving the site, on the ground or roof to prevent winds from moving the materials. Wind-blown materials may cause damage to the material, property or persons.

Always use proper safety equipment and attire to minimize risk of cuts or other injuries.

Do not walk on panels that have not been completely installed.

Do not walk on major ribs of panels.

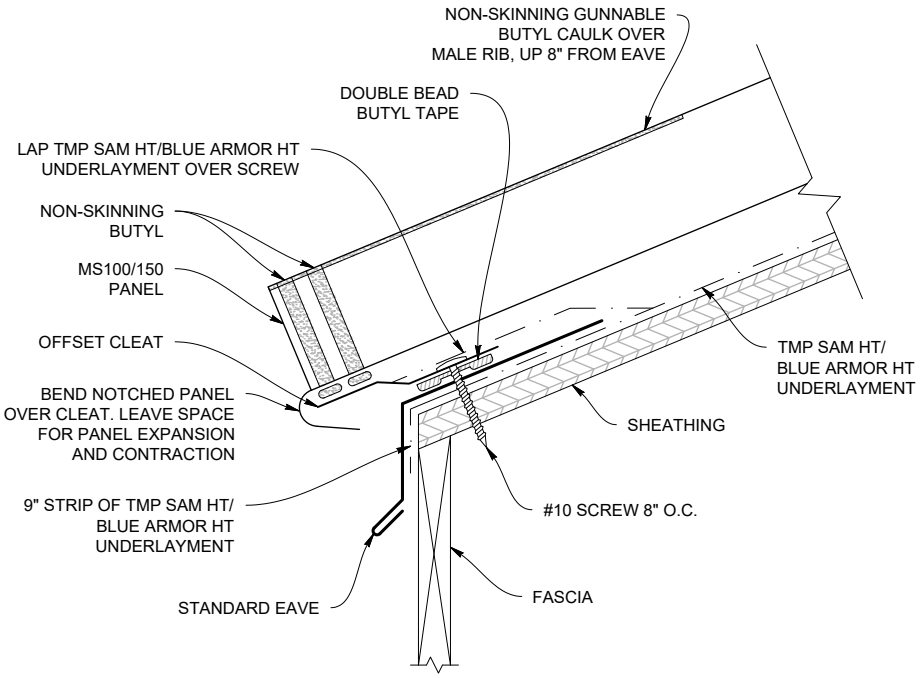
Metal roofs that are wet or dusty can be extremely slippery. Wear soft soled shoes and a safety harness to minimize risk of falling.

Avoid installing metal panels in windy conditions.

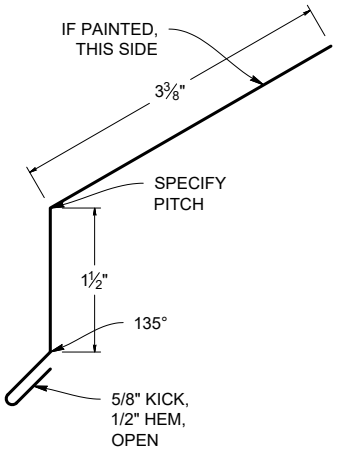
Safety considerations are the responsibility of the installer and his crew. Be sure to **use common sense** and generally accepted safety practices when installing roofing materials.

Standard Eave

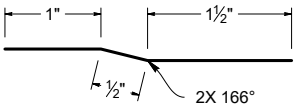
STANDARD EAVE DETAIL

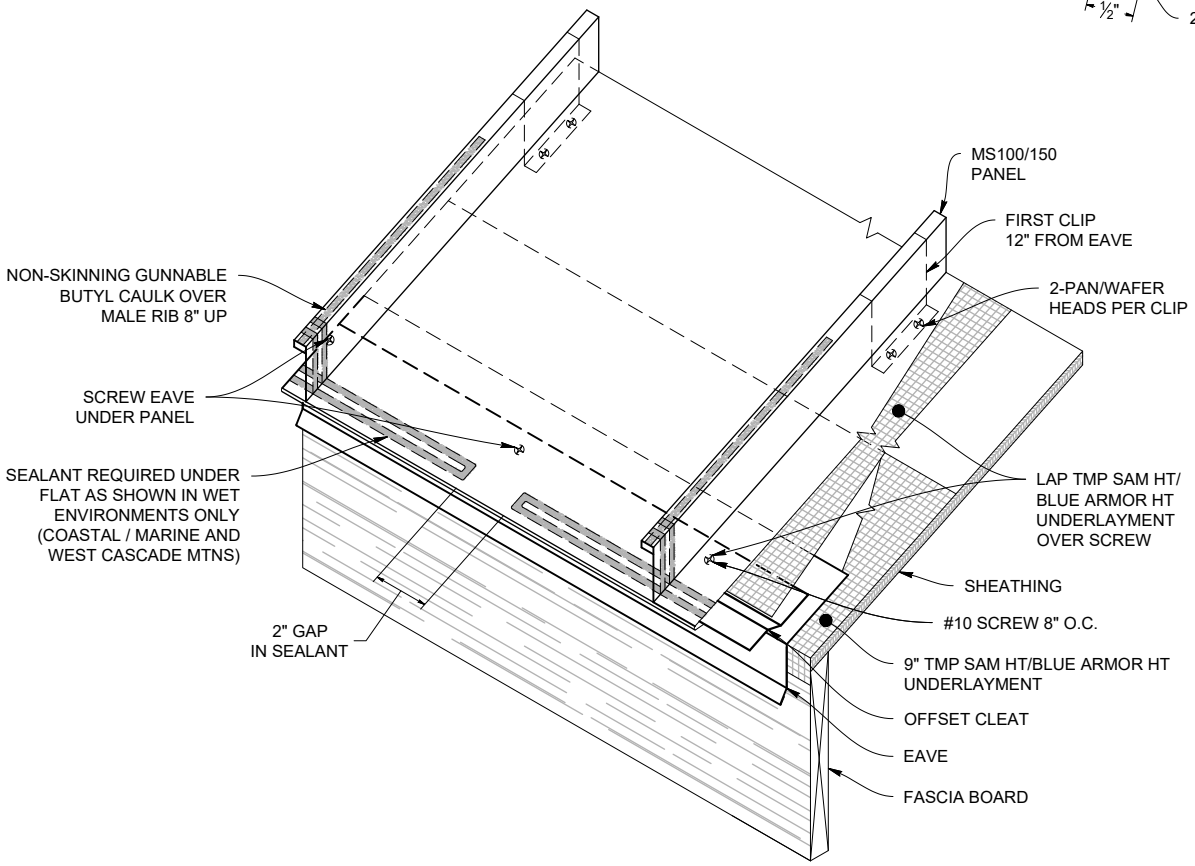


STANDARD EAVE (MS100ES / MS150ES)



OFFSET CLEAT (MS100OC / MS150OC)

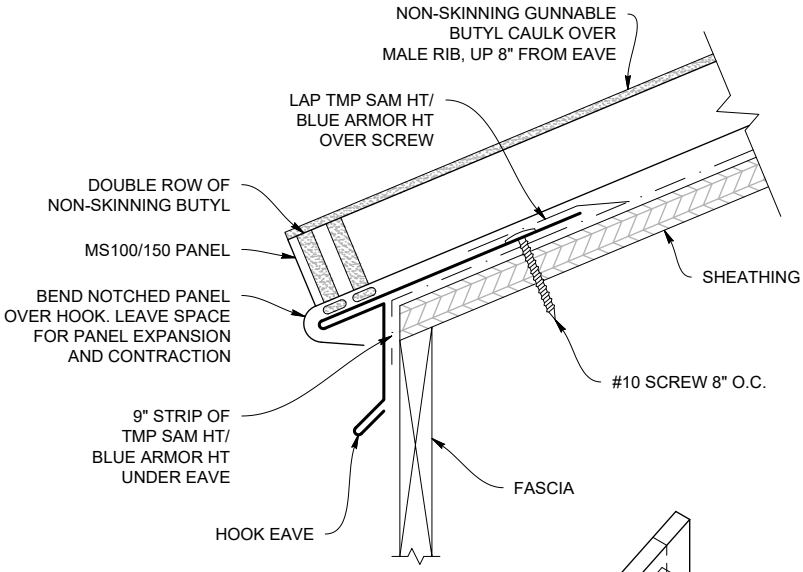




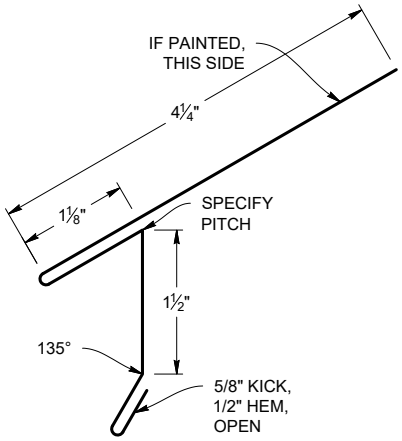
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

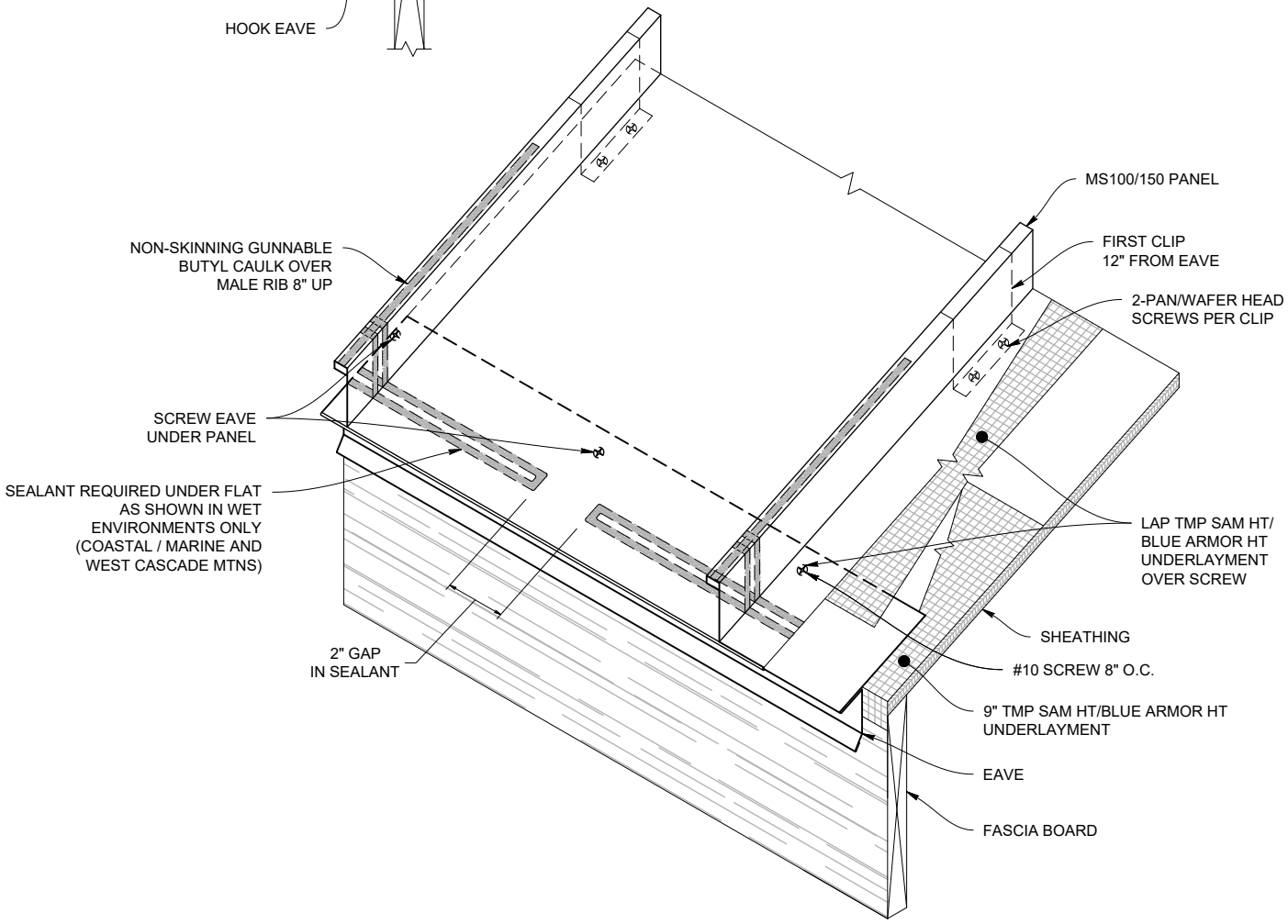
Hook Eave

HOOK EAVE DETAIL



HOOK EAVE (MS100EH / MS150EH)

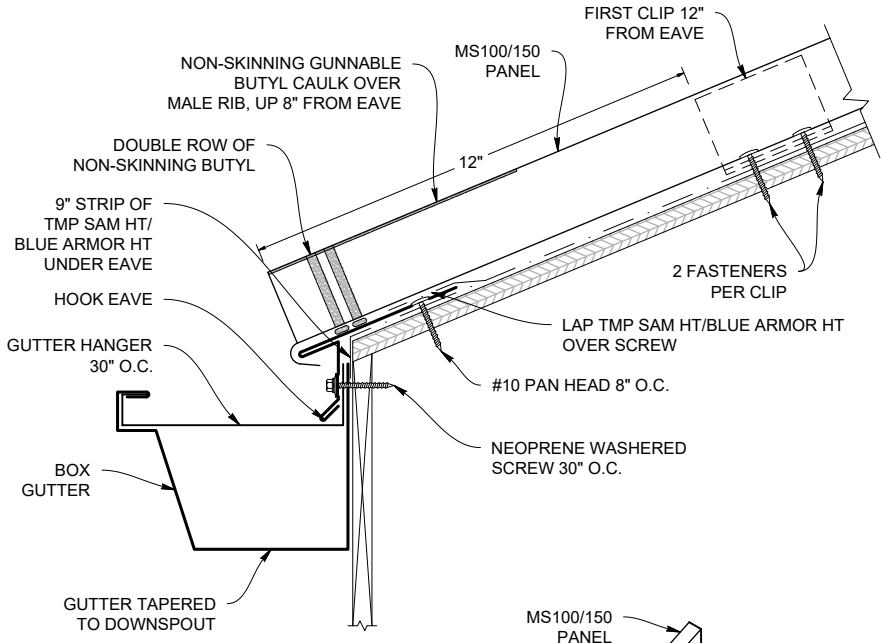




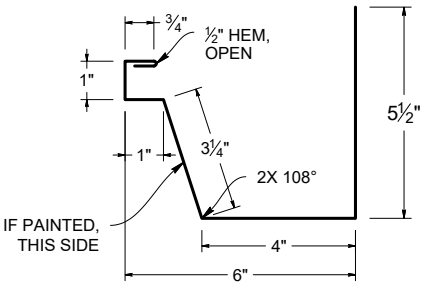
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Hook Eave with Gutter

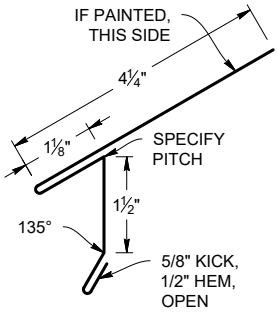
HOOK EAVE WITH GUTTER DETAIL



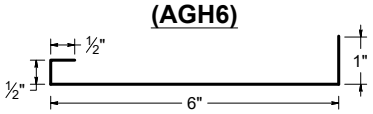
BOX GUTTER (MS10065BG / MS15065BG)



HOOK EAVE (MS100EH / MS150EH)



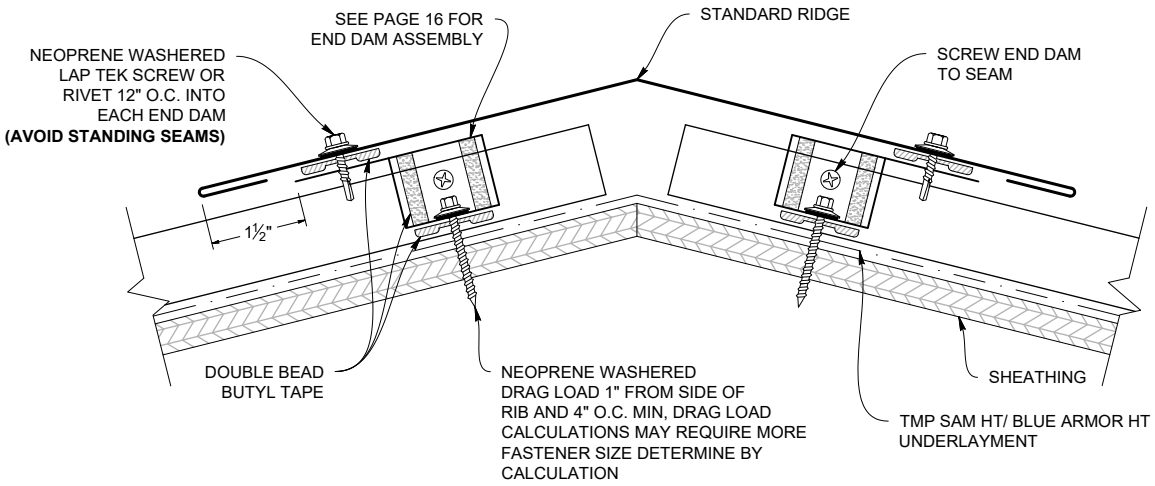
BOX GUTTER HANGER (AGH6)



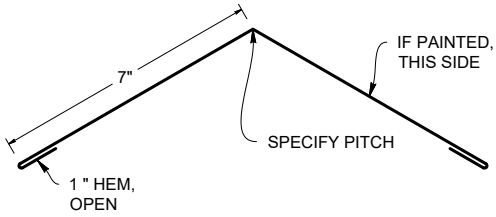
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Standard Ridge

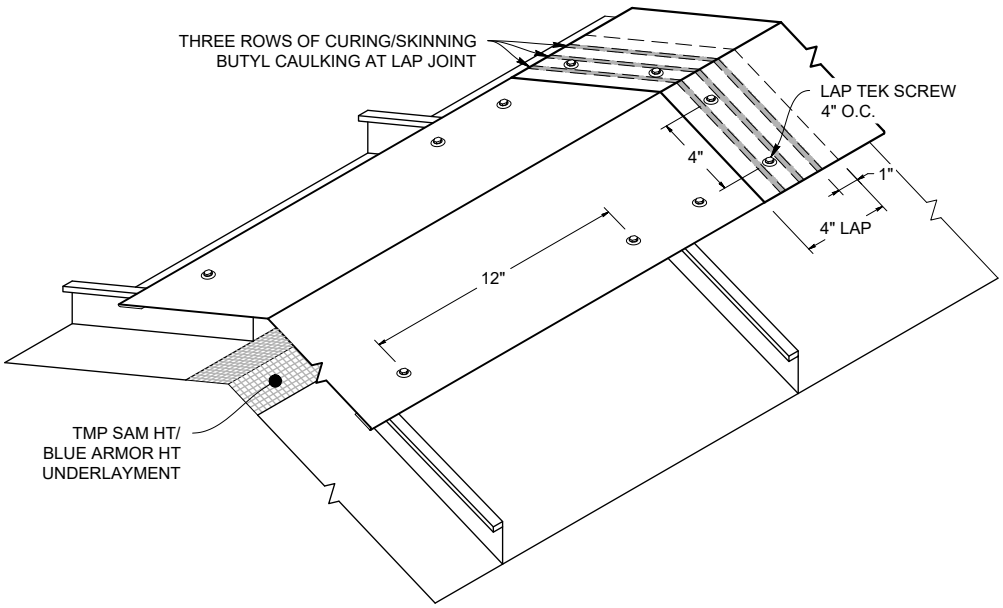
STANDARD RIDGE DETAIL



STANDARD RIDGE
(MS100RS / MS150RS)



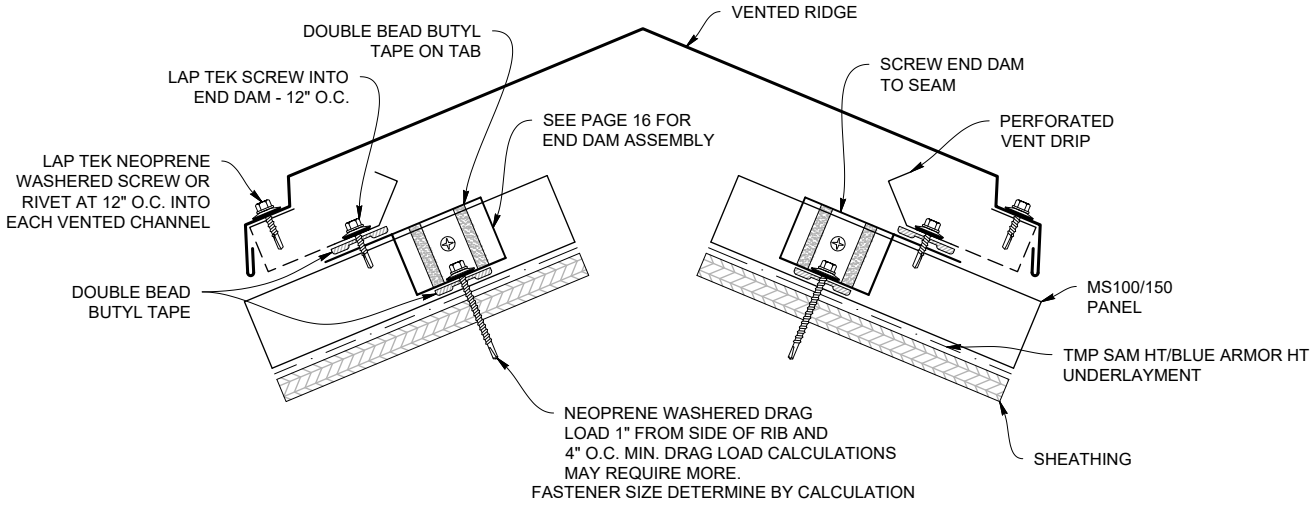
STANDARD RIDGE LAP



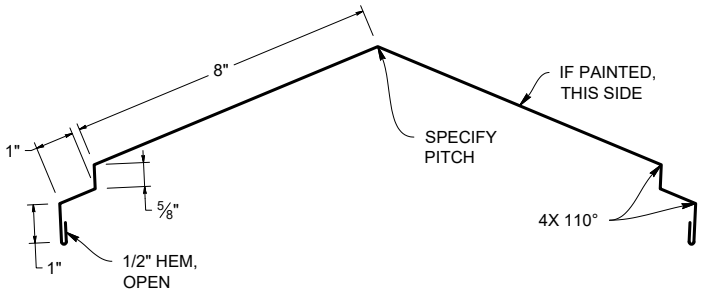
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Vented Ridge

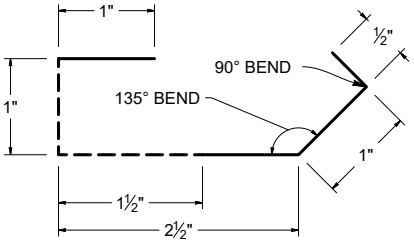
WT VENTED RIDGE DETAIL



WT RIDGE VENTED (MS100WTRFV / MS150WTRFV)

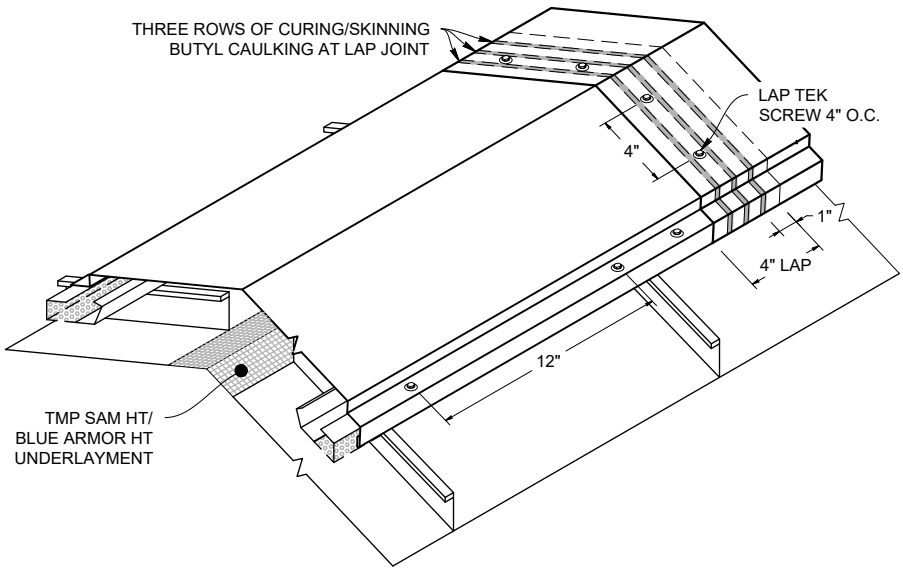


PERFORATED VENT DRIP: E2886 EMBER RESISTANT (MS100PVD / MS150PVD)



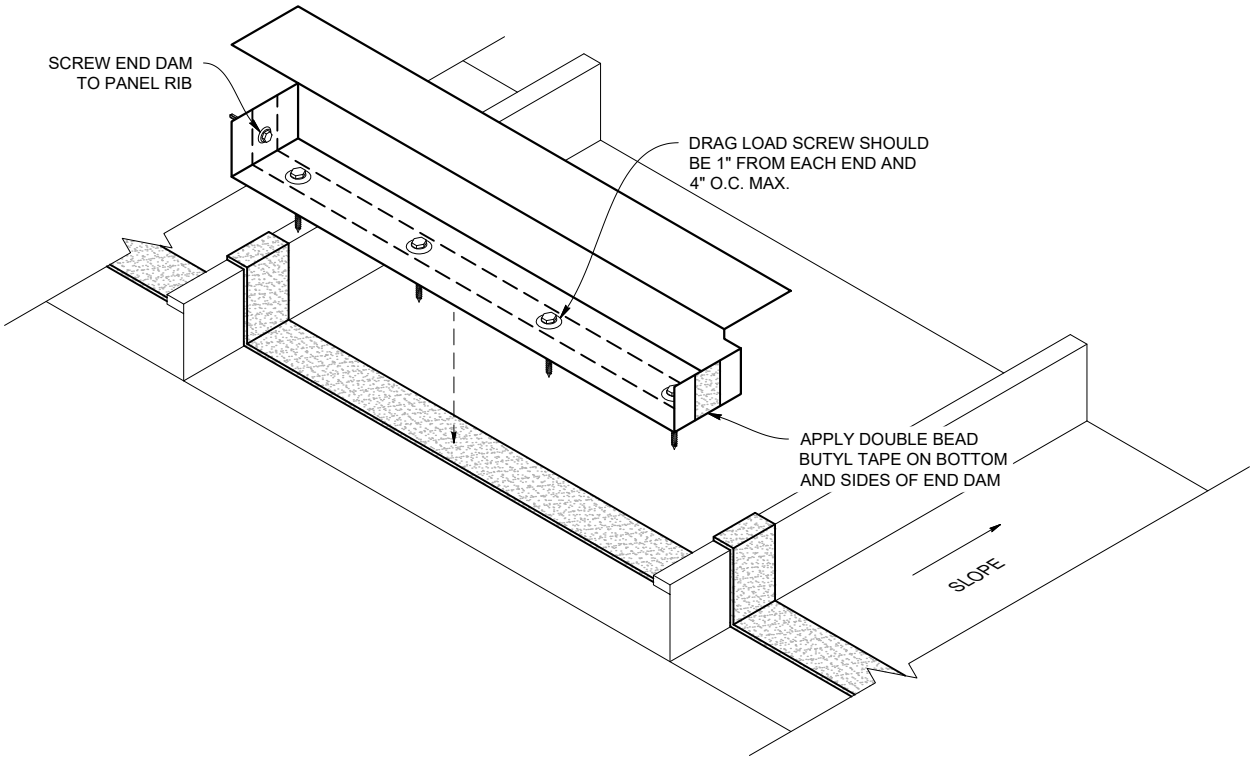
NOTE: PERFORATED VENT DRIP IS COMPATIBLE WITH WT VENTED FLASHINGS ONLY
14.5" Free air per LFT for Ridge

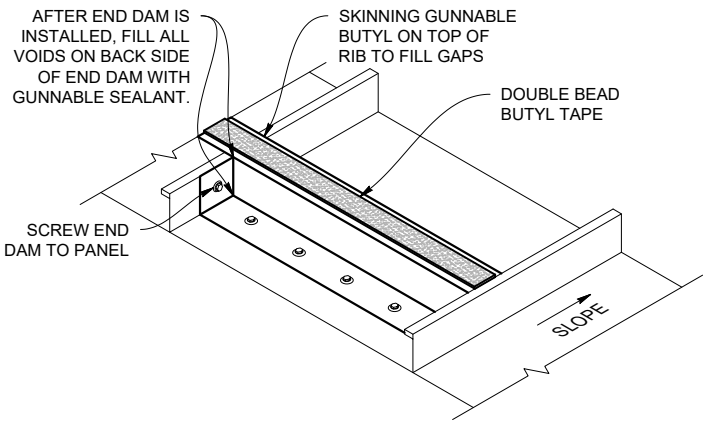
VENTED RIDGE LAP

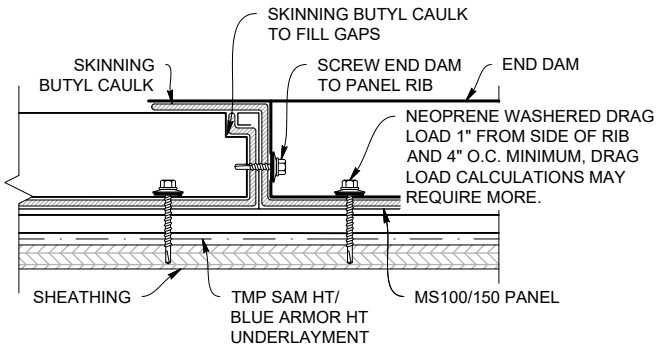


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

End Dam



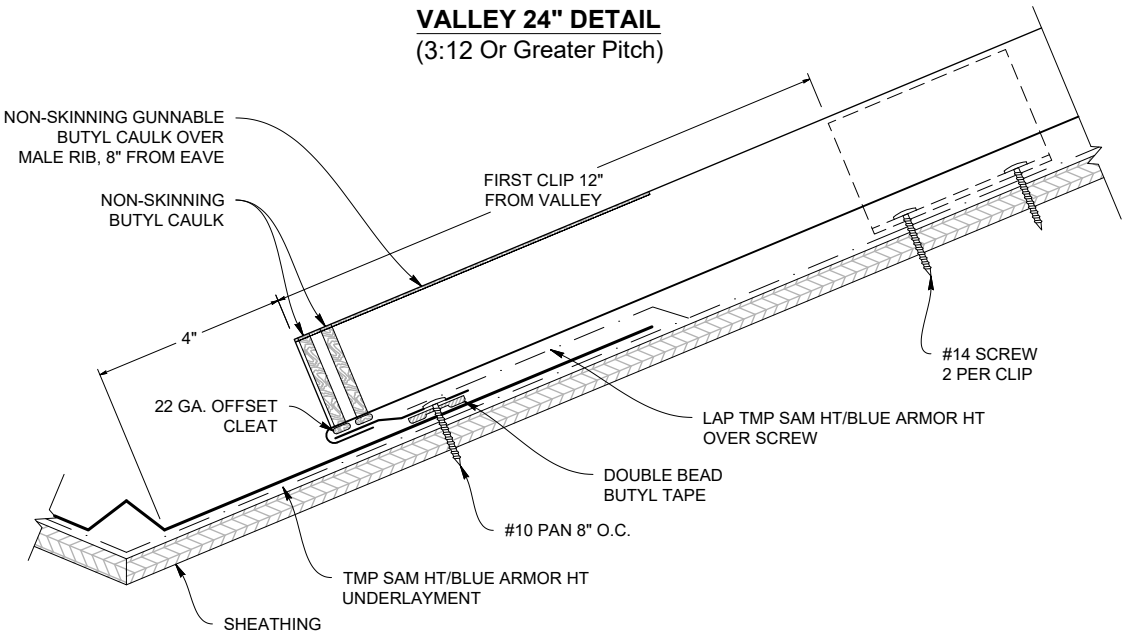




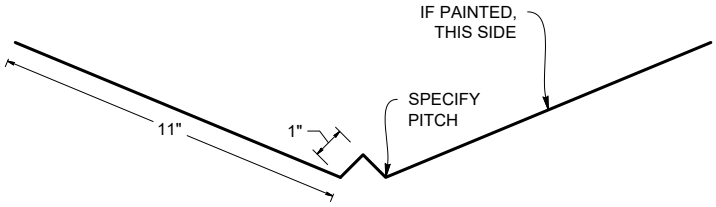
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Valley Flashing
Slope 3:12 or Greater

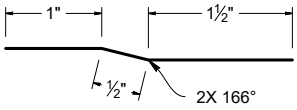
VALLEY 24" DETAIL
(3:12 Or Greater Pitch)



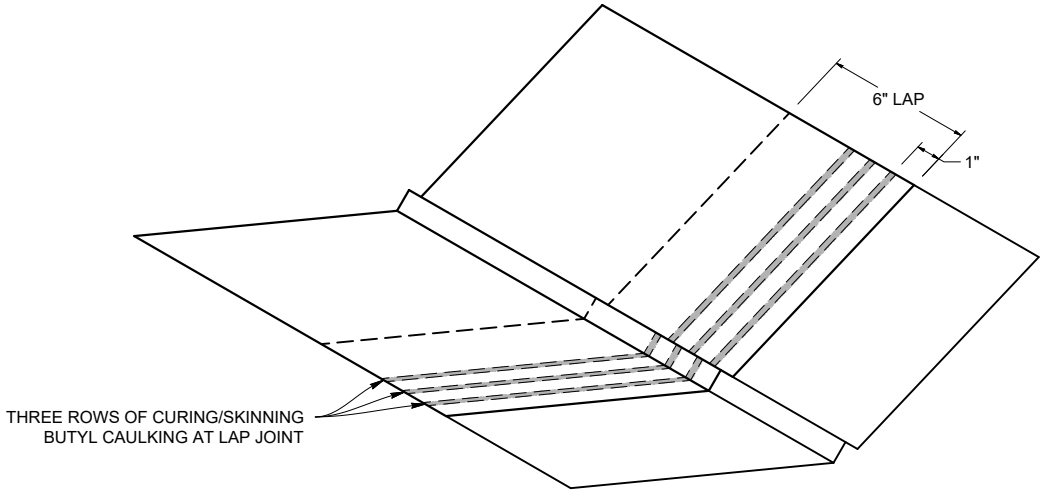
VALLEY 24" FLASHING
(MS100VF / MS150VF)



OFFSET CLEAT
(MS100OC / MS150OC)



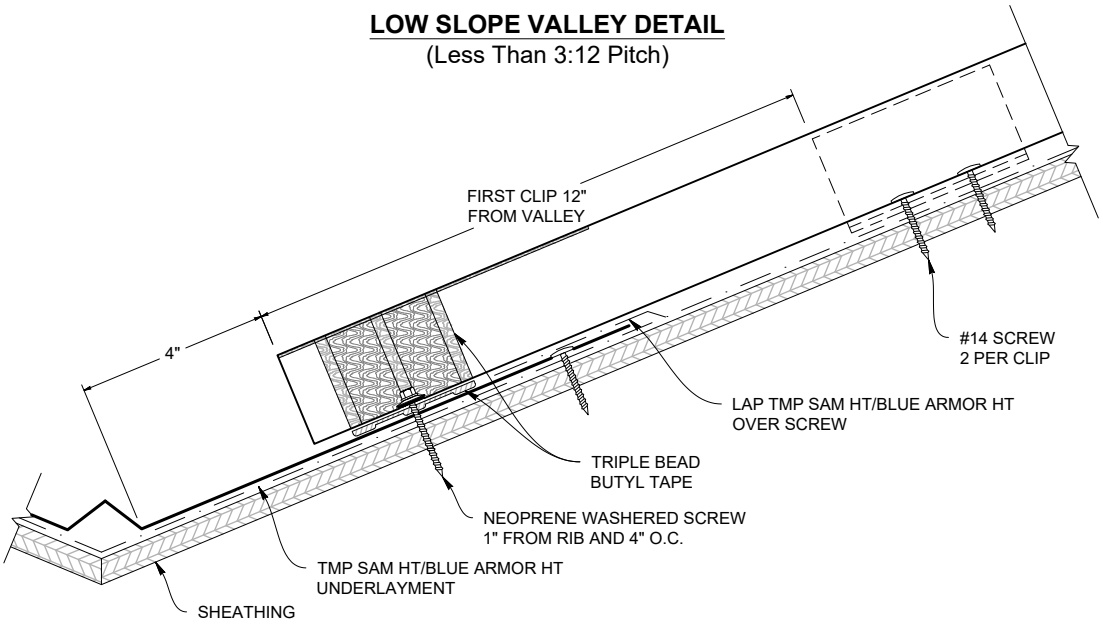
VALLEY LAP
(3:12 Or Greater Pitch)



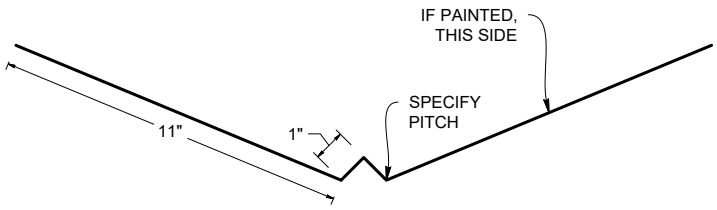
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Valley Flashing - Low Slope
Slope Less than 3:12

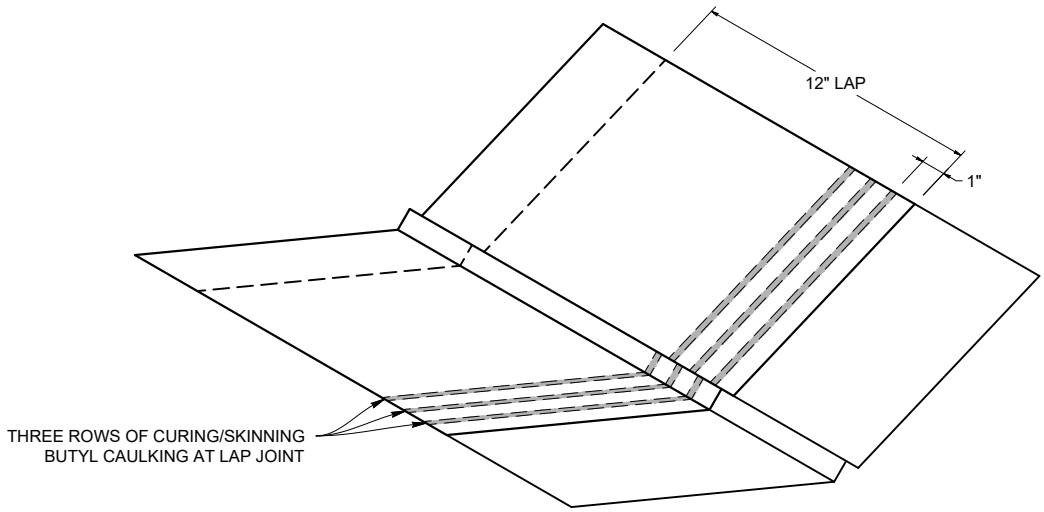
LOW SLOPE VALLEY DETAIL
(Less Than 3:12 Pitch)



VALLEY FLASHING
(MS100VF / MS150VF)



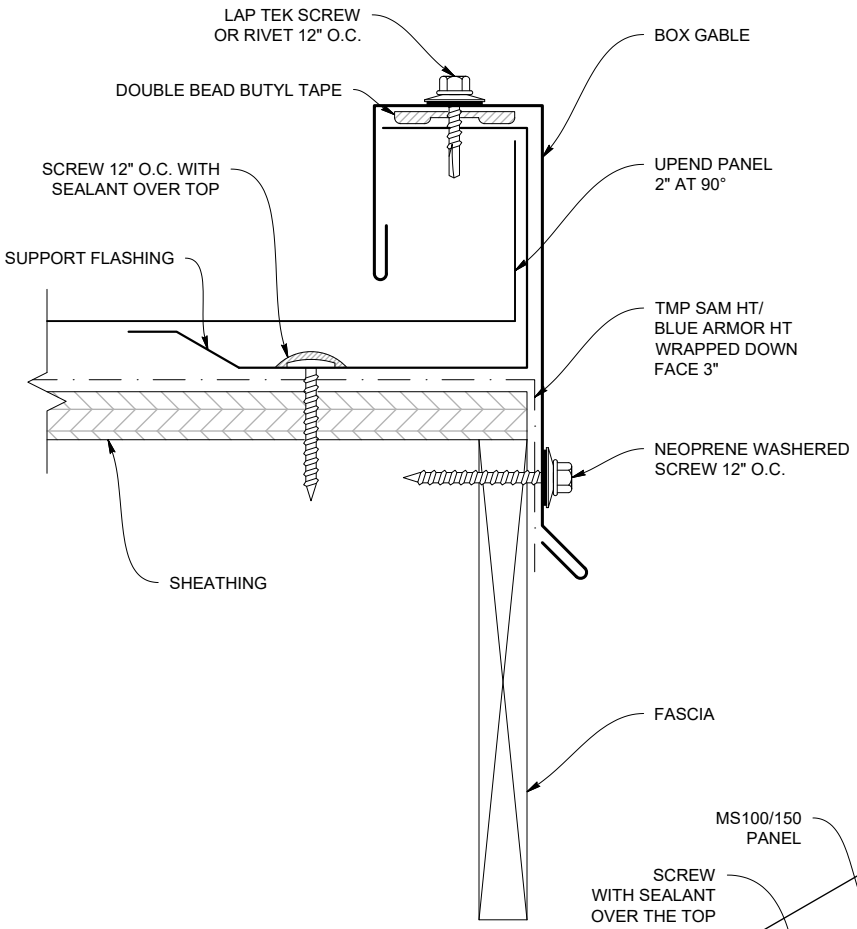
LOW SLOPE VALLEY LAP
(Less Than 3:12 Pitch)



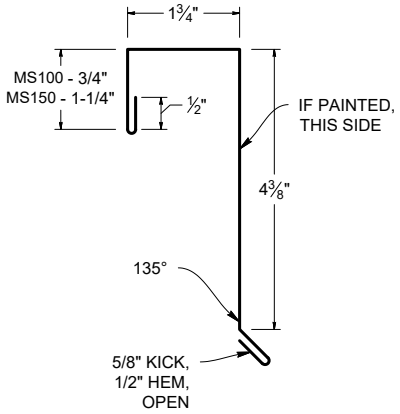
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Box Gable

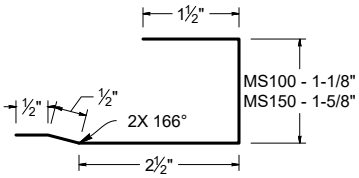
BOX GABLE DETAIL

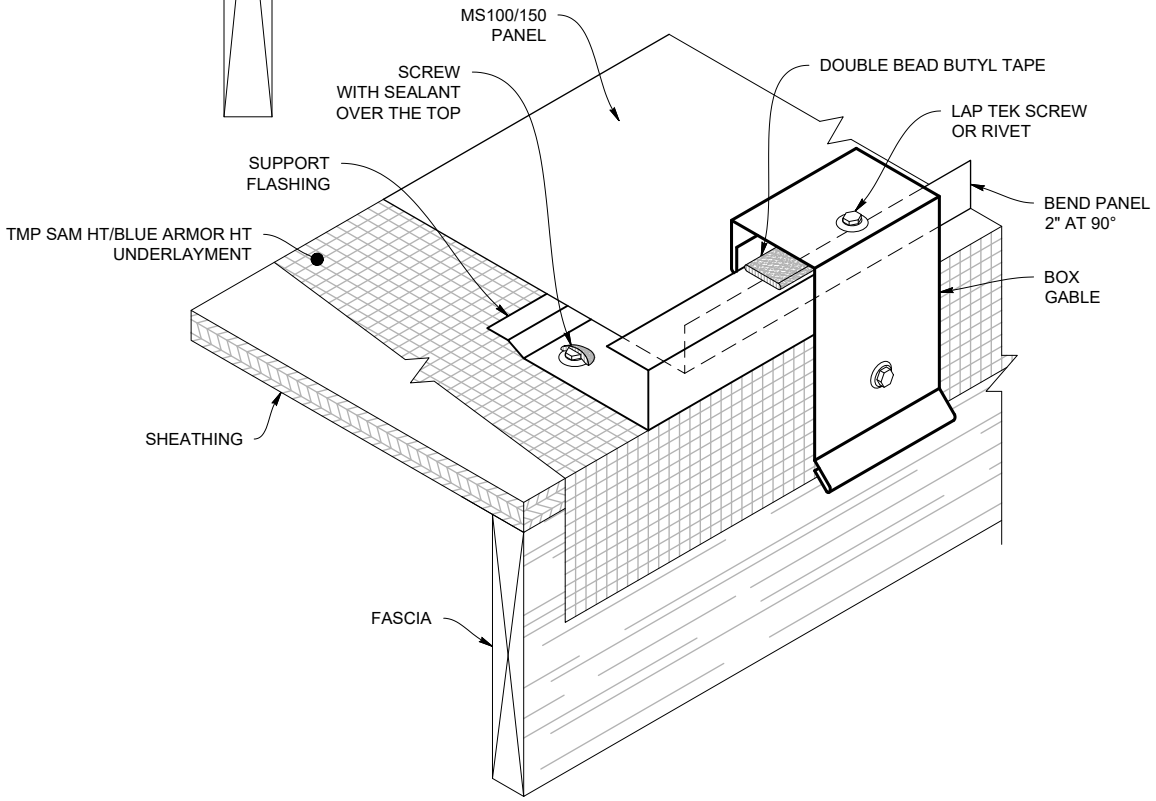


BOX GABLE (MS100GB / MS150GB)



SUPPORT FLASHING (MS100SF / MS150SF)

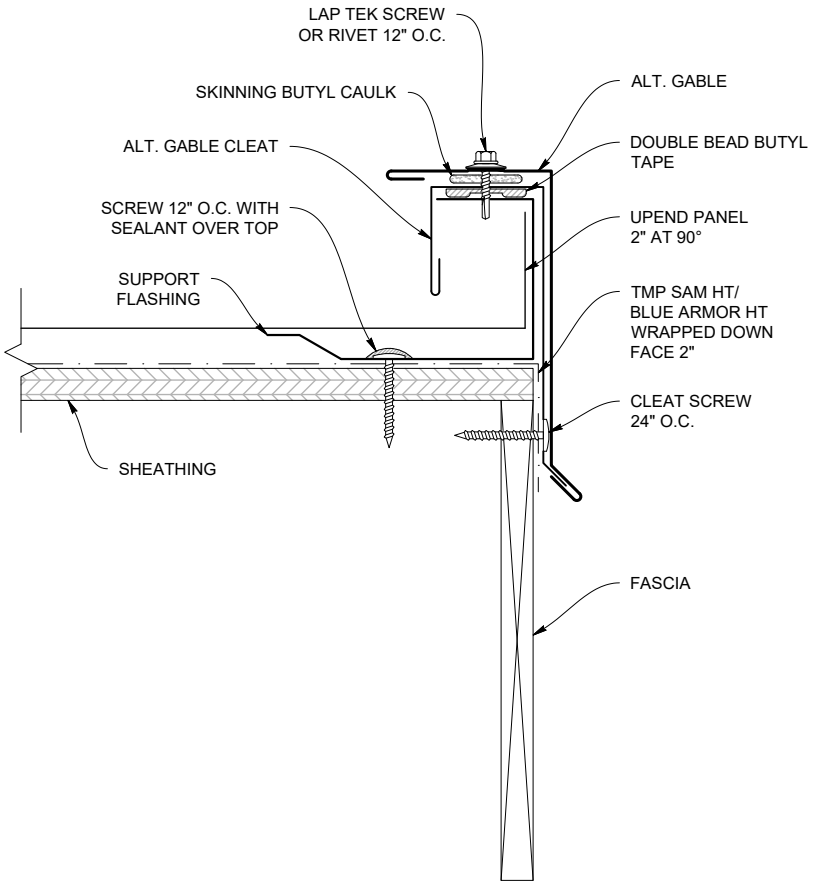




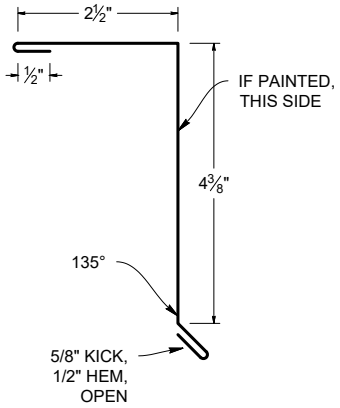
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Alternate Gable

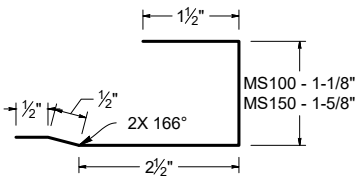
ALTERNATE GABLE DETAIL



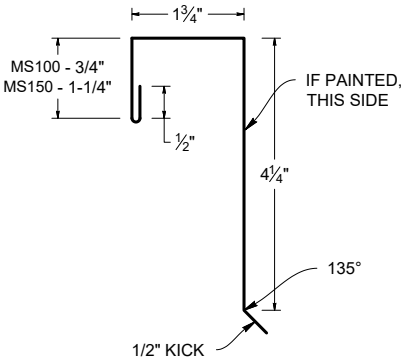
ALTERNATE GABLE (MS100AT / MS150AT)



SUPPORT FLASHING (MS100SF / MS150SF)

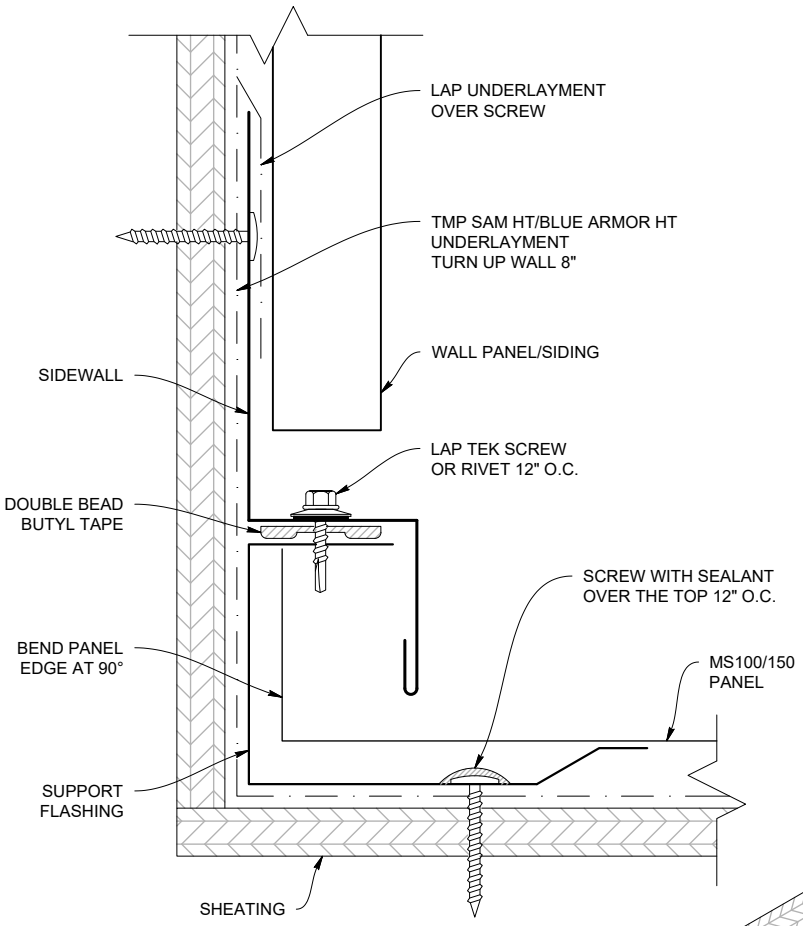


ALTERNATE GABLE CLEAT (MS100AGC / MS150AGC)

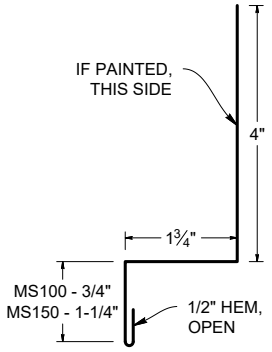


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

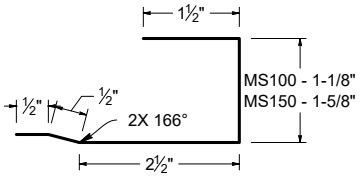
SIDEWALL DETAIL

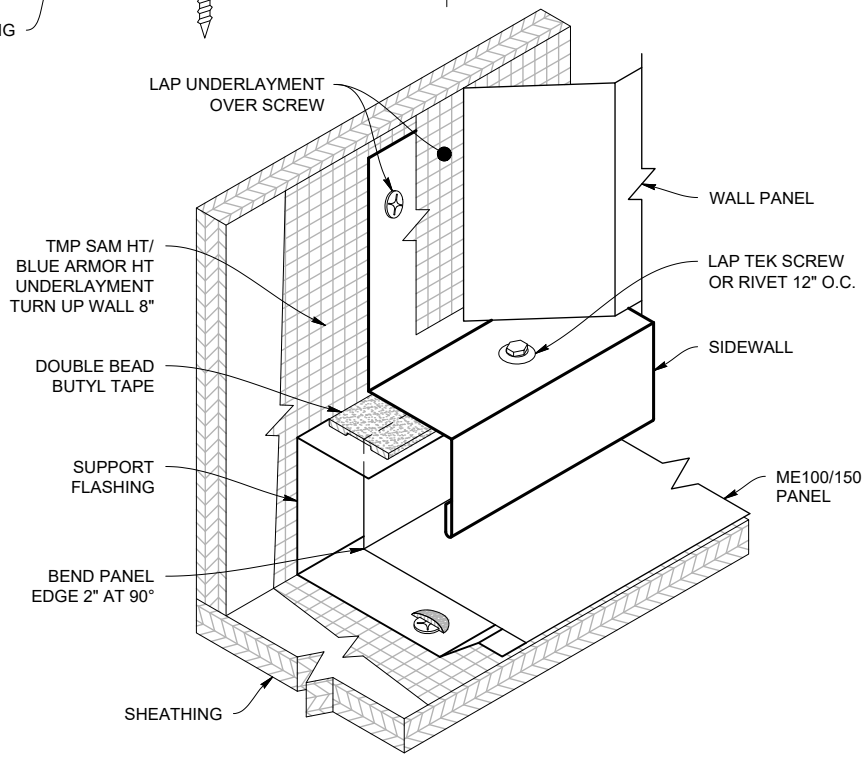


SIDEWALL (MS100SW / MS150SW)



SUPPORT FLASHING (MS100SF / MS150SF)



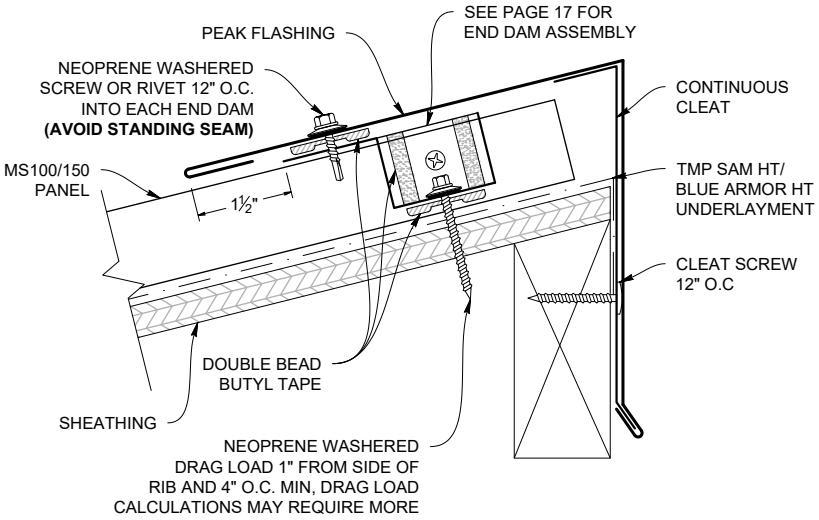


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

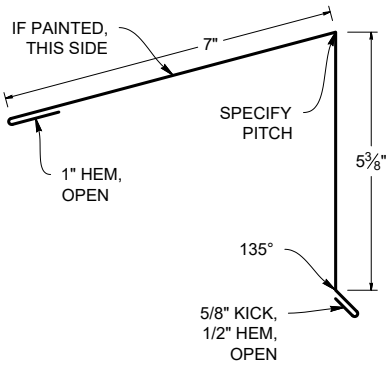
Peak Flashing
(Ridge End Cap)

TAYLOR METAL PRODUCTS

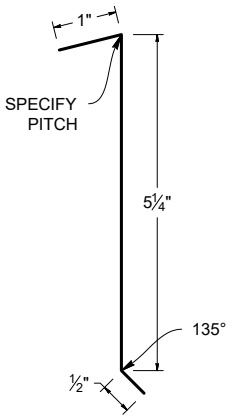
PEAK FLASHING DETAIL (RIDGE END CAP)



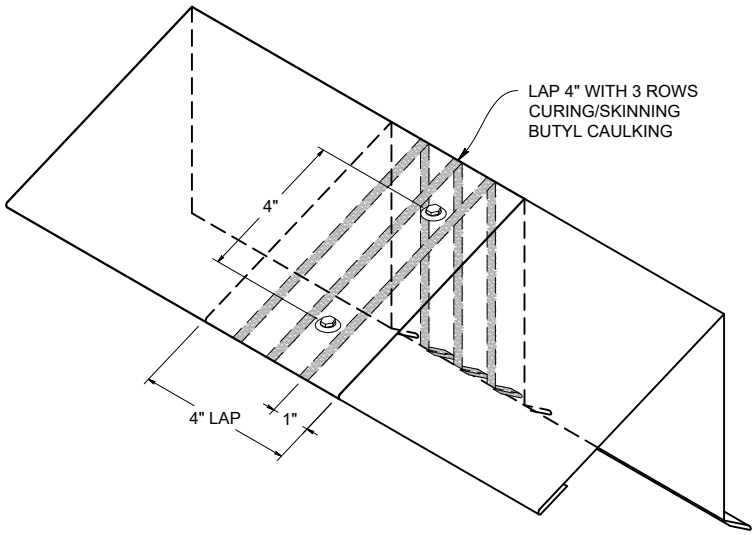
PEAK FLASHING (MS100REC / MS150REC)



PEAK CLEAT (MS100RECC / MS150RECC)



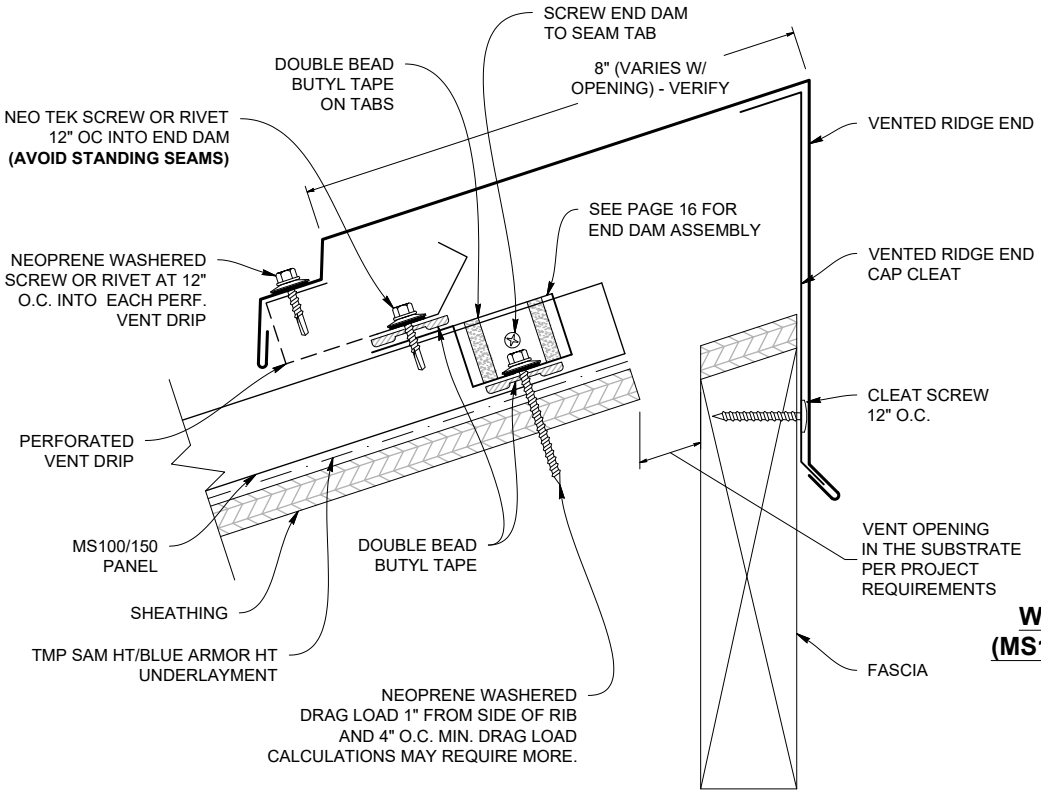
PEAK FLASHING LAP



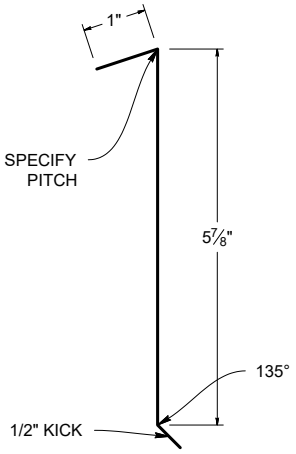
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Vented Peak Flashing
(Vented Ridge End Cap)

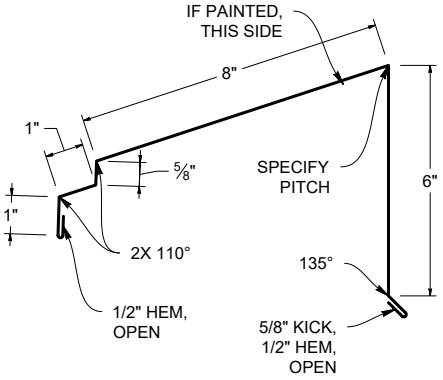
WT VENTED PEAK FLASHING DETAIL (Vented Ridge End Cap)



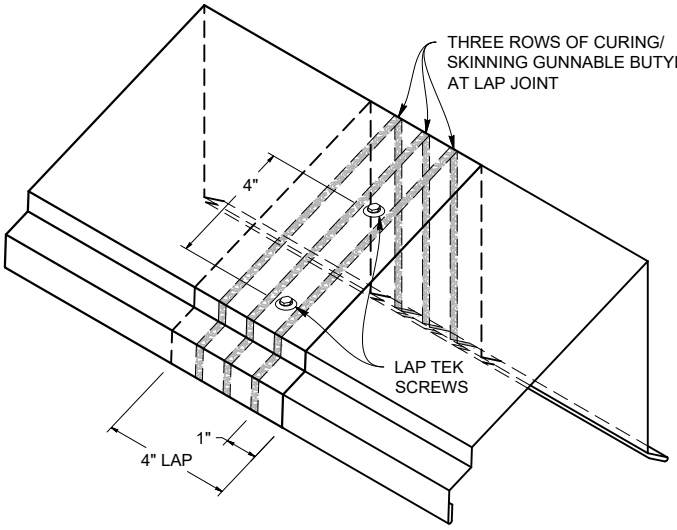
VENTED PEAK CLEAT (MS100VRECC / MS150VRECC)



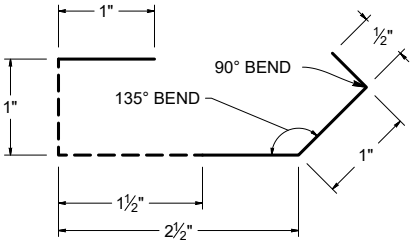
WT VENTED PEAK FLASHING (MS100WTRECV / MS150WTRECV)



VENTED PEAK FLASHING LAP



PERFORATED VENT DRIP: E2886 EMBER RESISTANT (MS100PVD / MS150PVD)

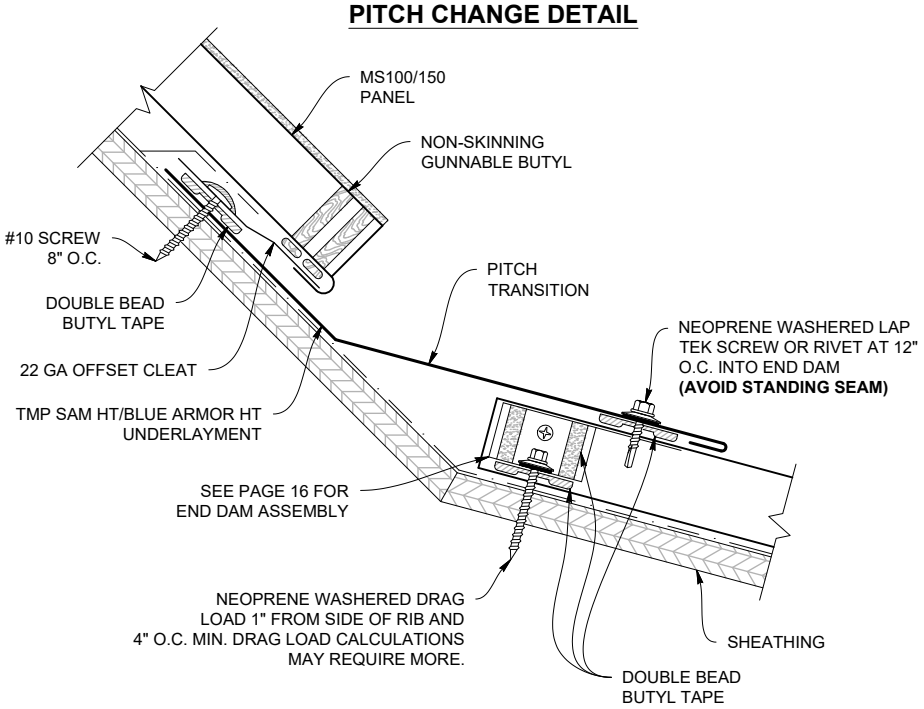


NOTE: PERFORATED VENT DRIP IS COMPATIBLE WITH WT VENTED FLASHINGS ONLY
14.5" Free air per LFT for Peak Flashing

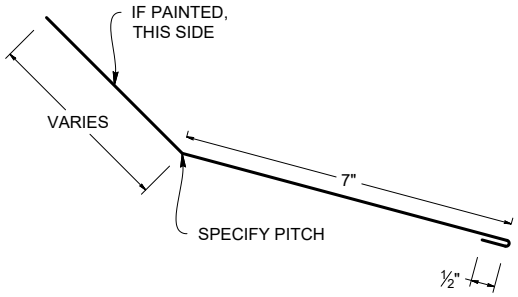
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Pitch Change

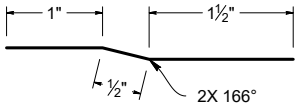
PITCH CHANGE DETAIL



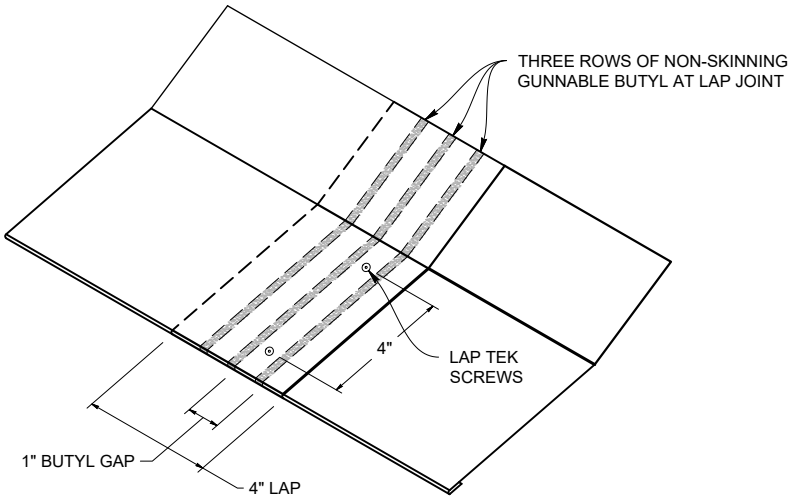
INSIDE PITCH CHANGE FLASHING



OFFSET CLEAT (MS100OC / MS150OC)

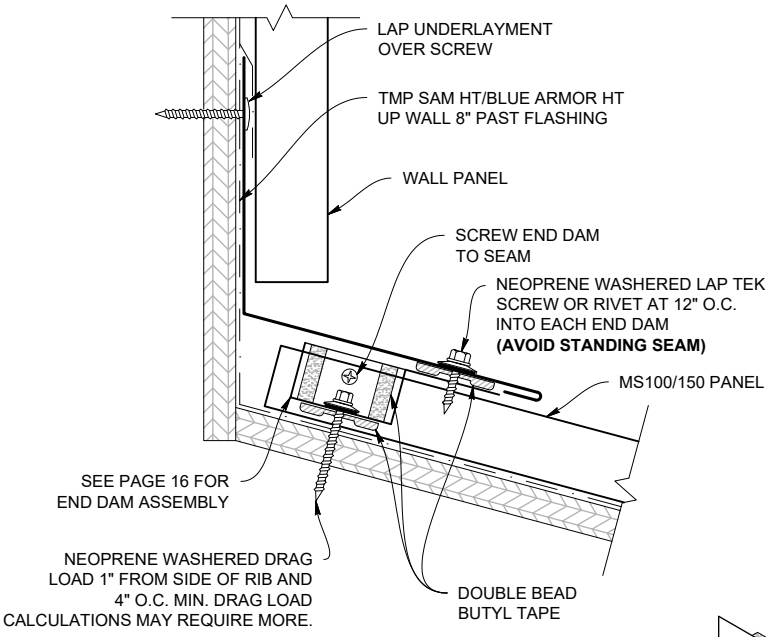


PITCH CHANGE LAP

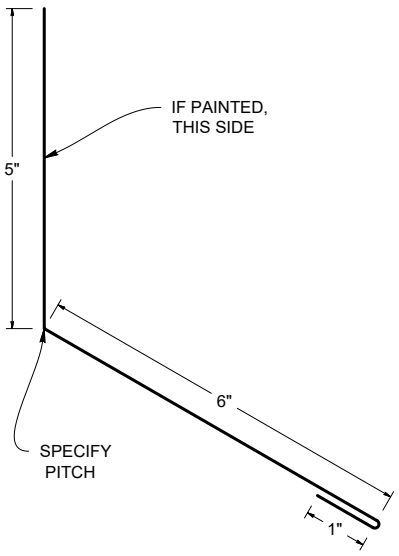


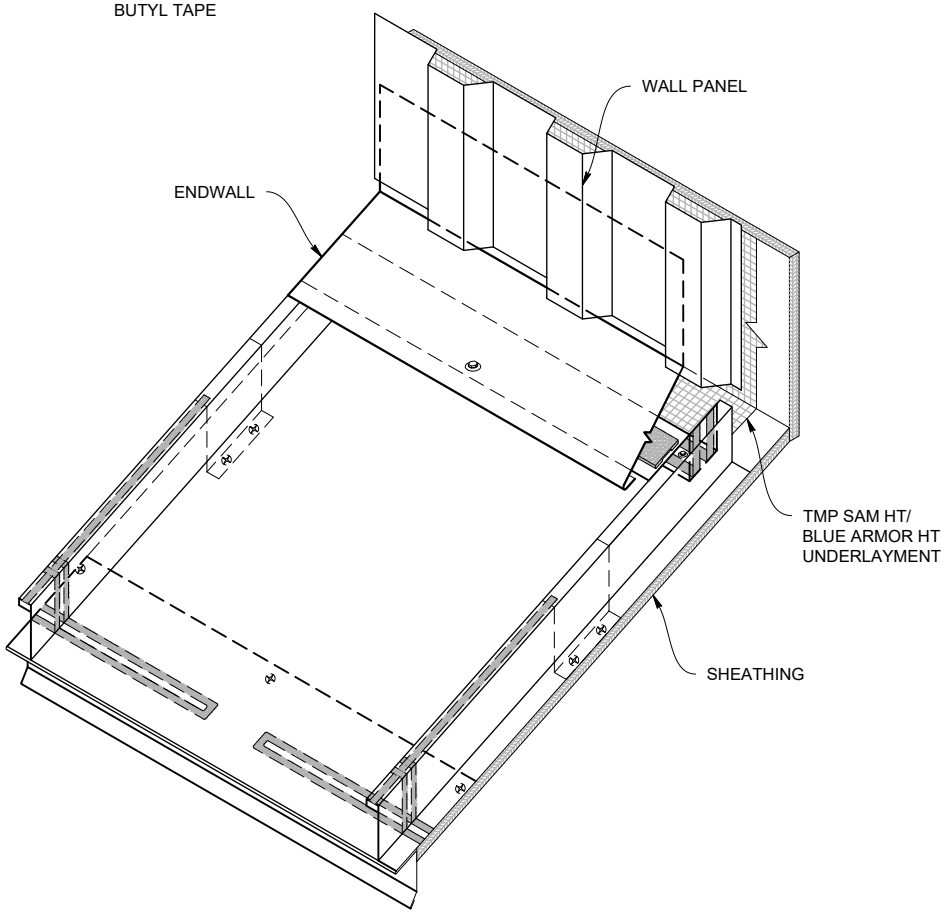
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

ENDWALL DETAIL



ENDWALL FLASHING (MS100EW / MS150EW)

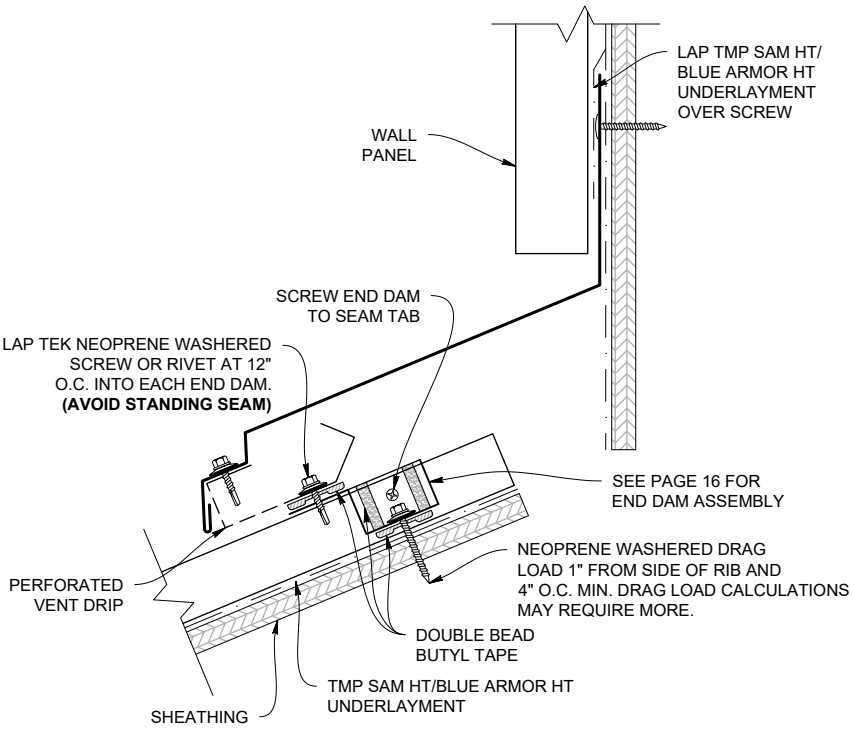




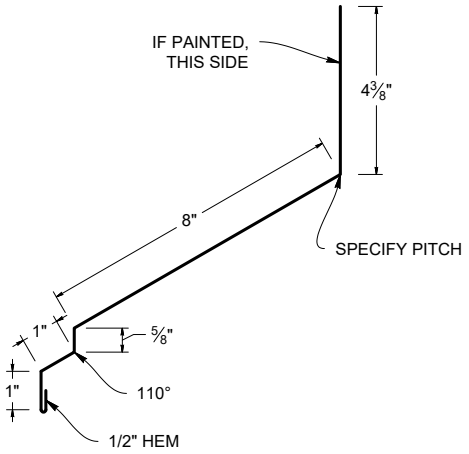
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Vented Endwall

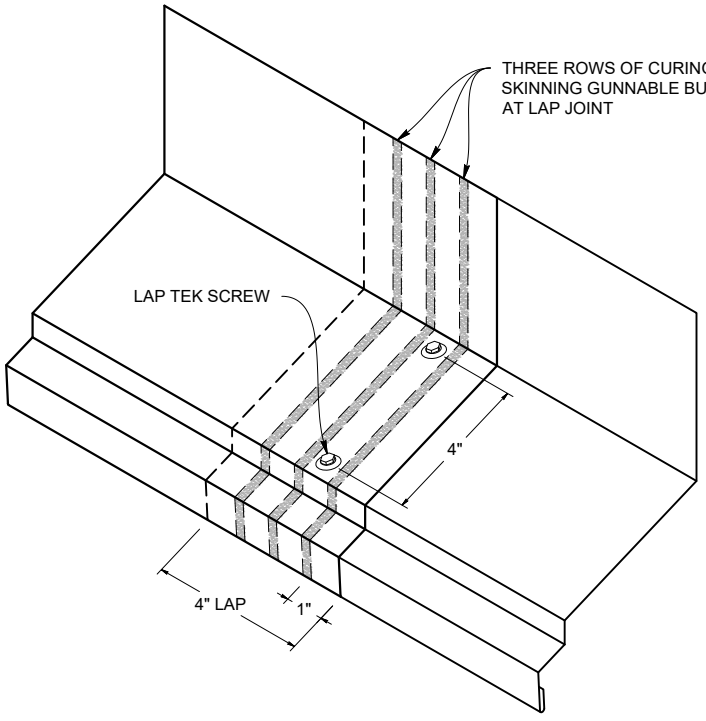
WT VENTED ENDWALL DETAIL



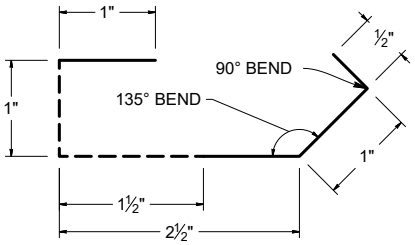
WT VENTED ENDWALL FLASHING (MS100WTEWV / MS150WTEWV)



VENTED ENDWALL LAP



PERFORATED VENT DRIP: E2886 EMBER RESISTANT (MS100PVD / MS150PVD)

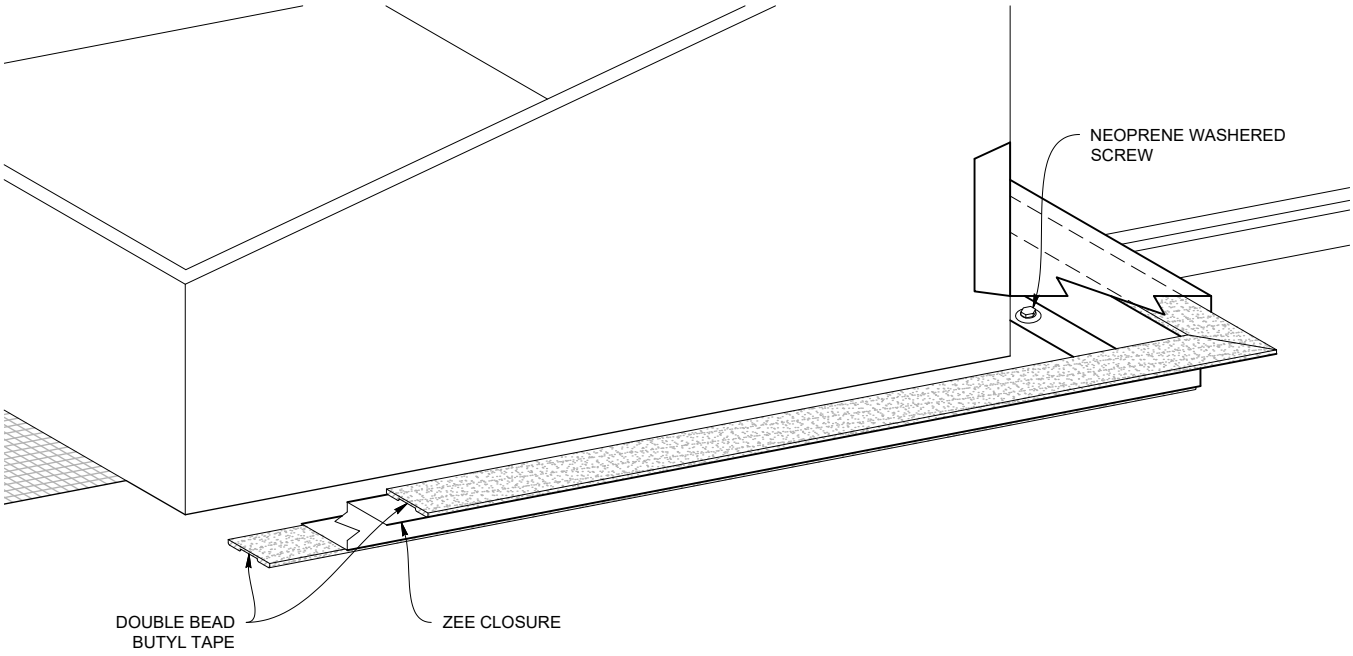


NOTE: PERFORATED VENT DRIP IS COMPATIBLE WITH WT VENTED FLASHINGS ONLY
14.5" Free air per LFT for Endwall

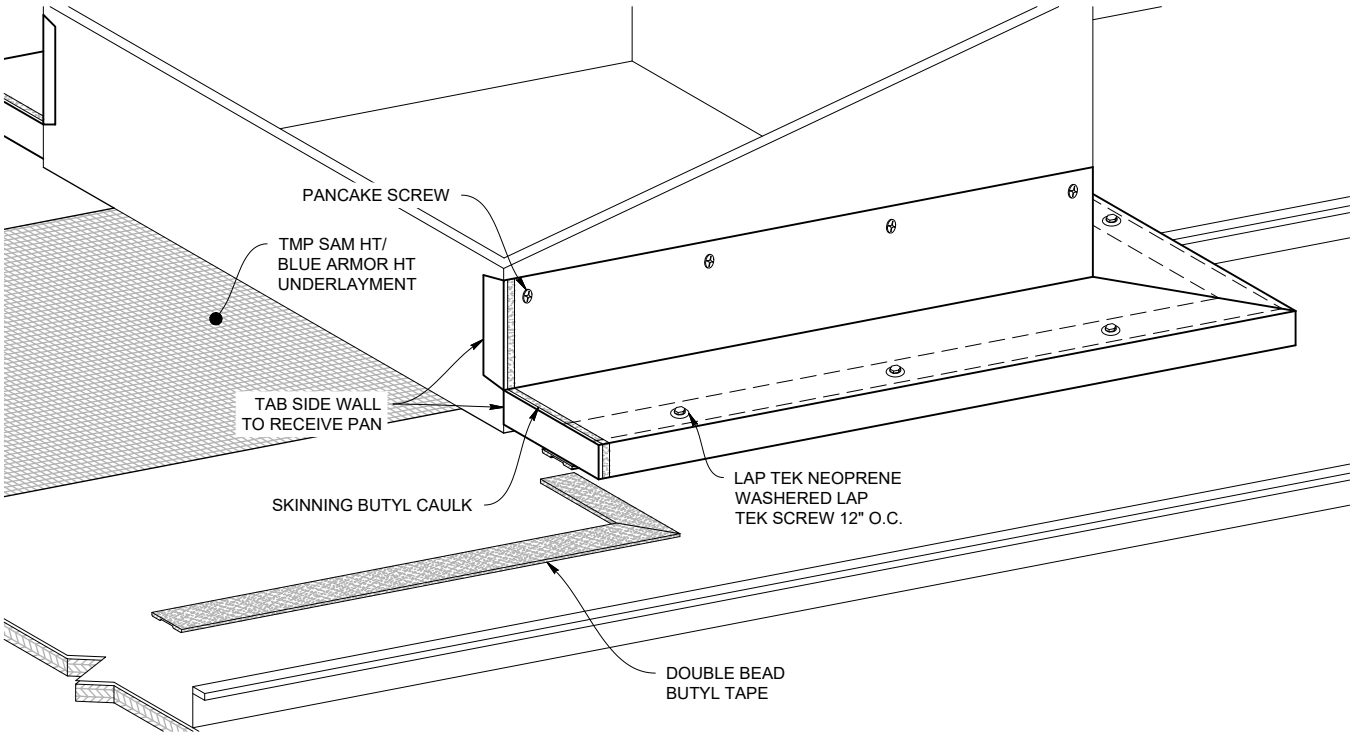
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Curb Back Pan/Cricket

STEP 1



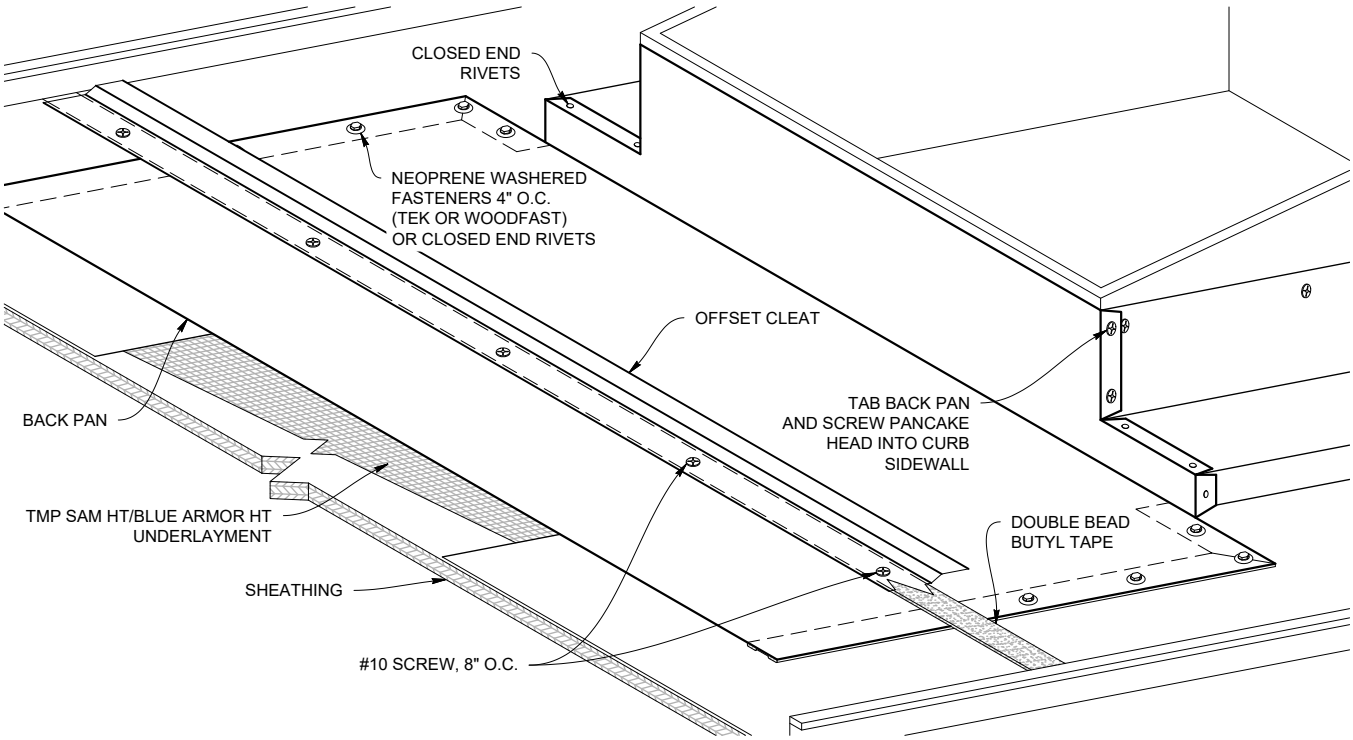
STEP 2



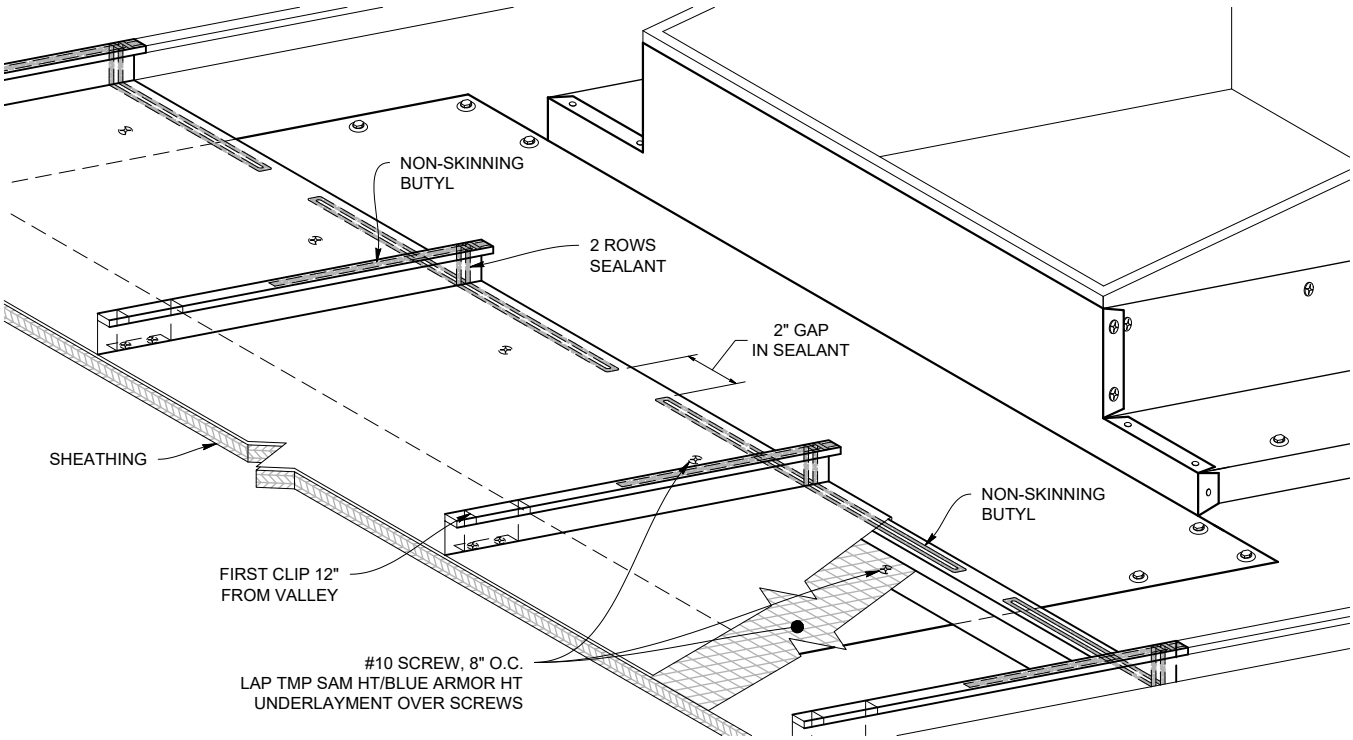
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.
Soldered or welded Stainless Steel crickets are allowed - except in corrosive environments

Curb Back Pan/Cricket

STEP 3



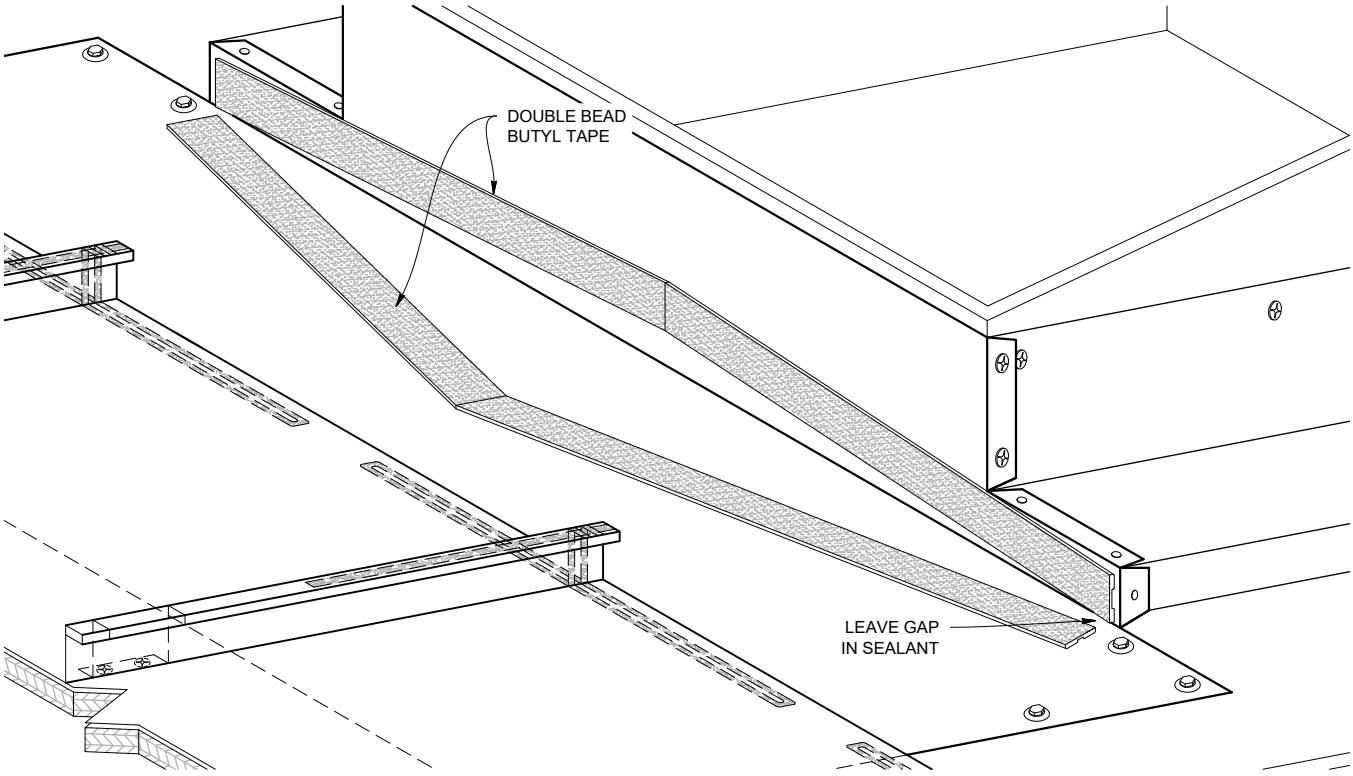
STEP 4



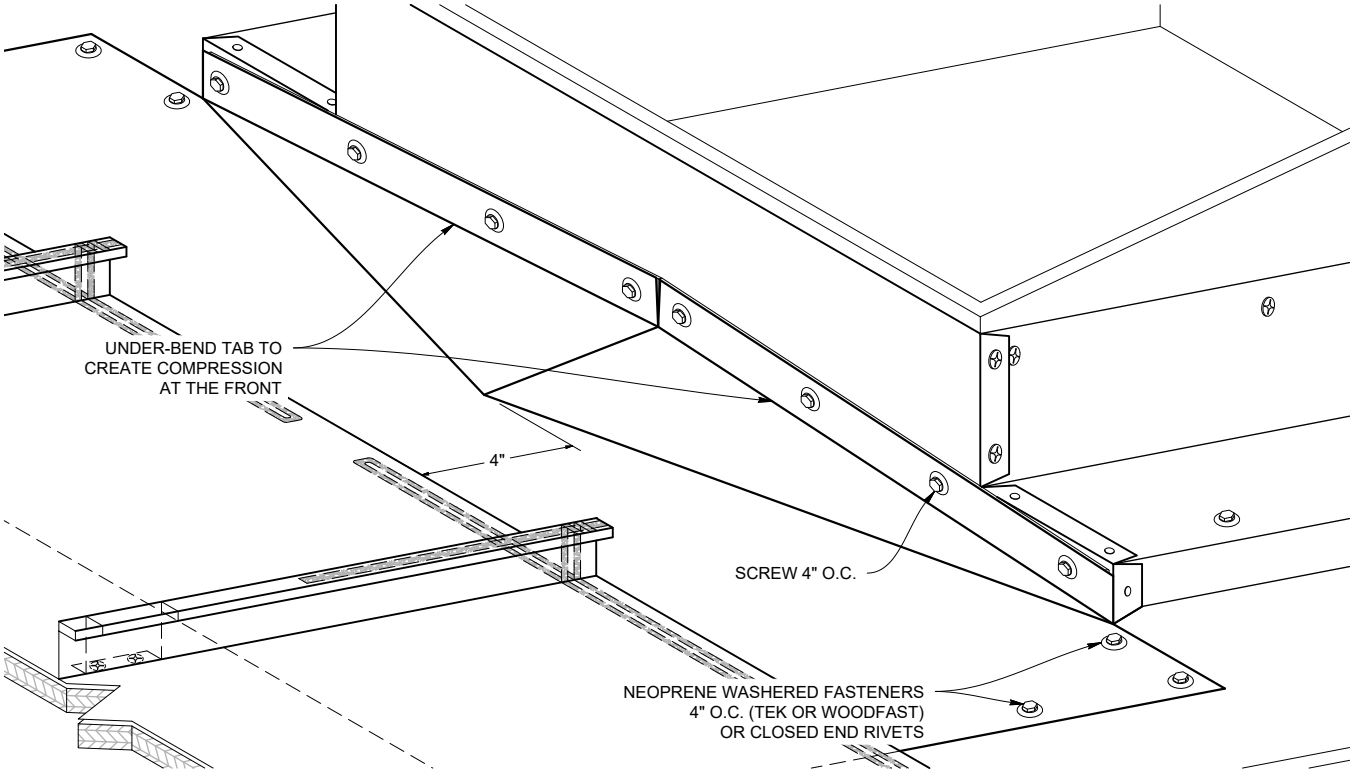
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.
Soldered or welded Stainless Steel crickets are allowed - except in corrosive environments

Curb Back Pan/Cricket

STEP 5



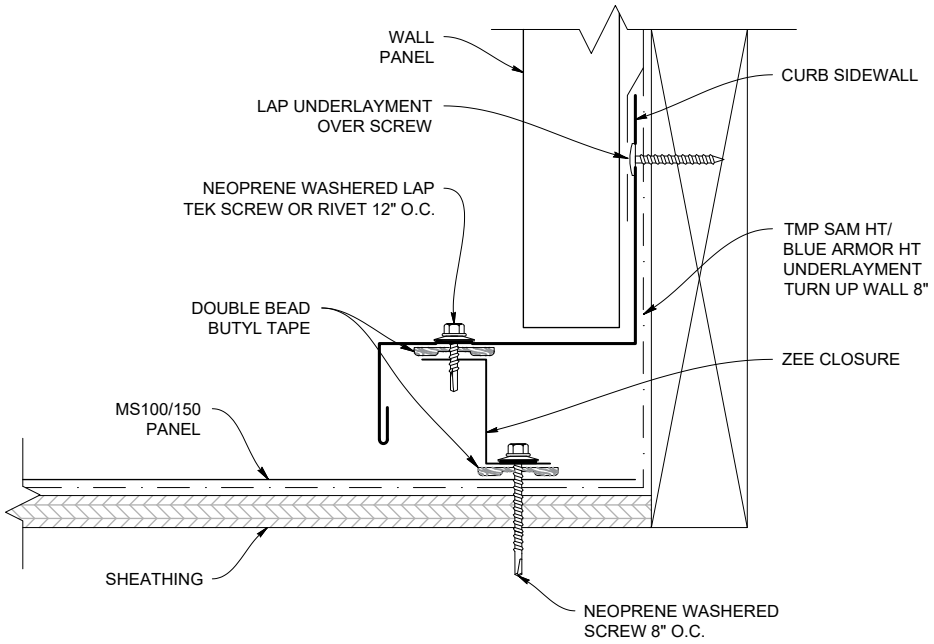
STEP 6



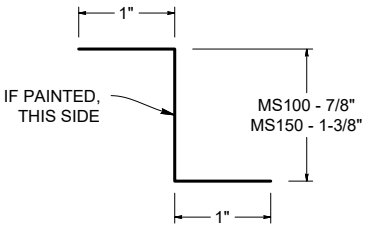
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.
Soldered or welded Stainless Steel crickets are allowed - except in corrosive environments

Curb Sidewall

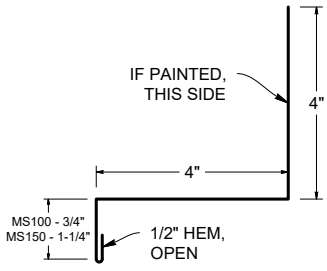
CURB SIDEWALL DETAIL



ZEE CLOSURE (MS100ZC / MS150ZC)



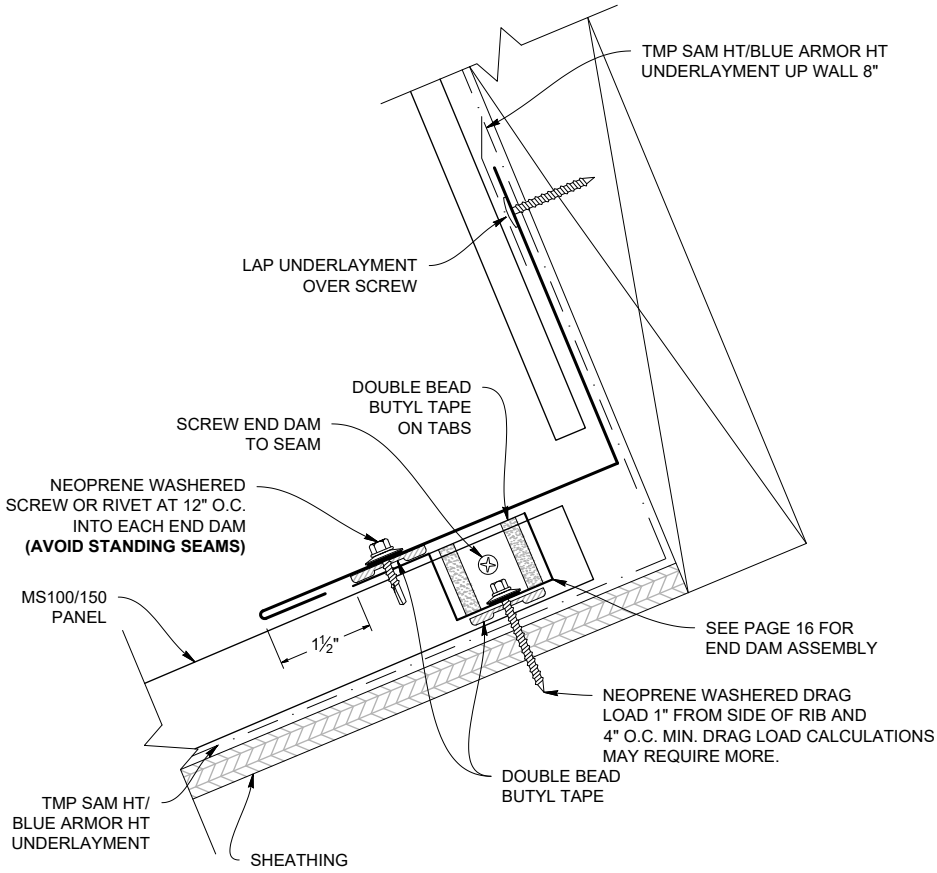
CURB SIDEWALL (MS100CSW / MS150CSW)



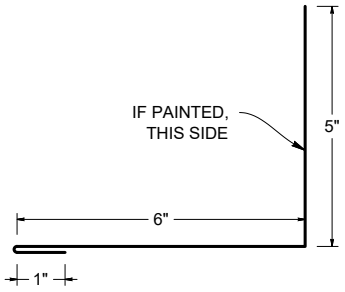
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Curb Endwall

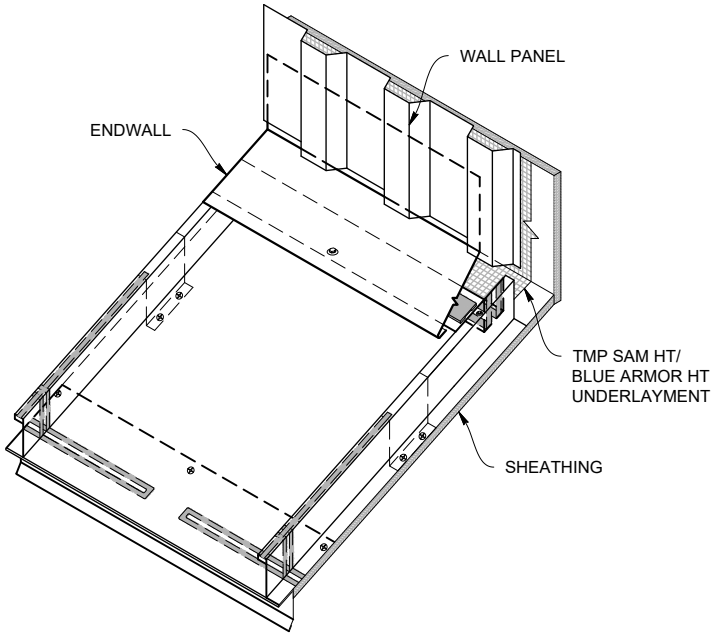
CURB ENDWALL DETAIL



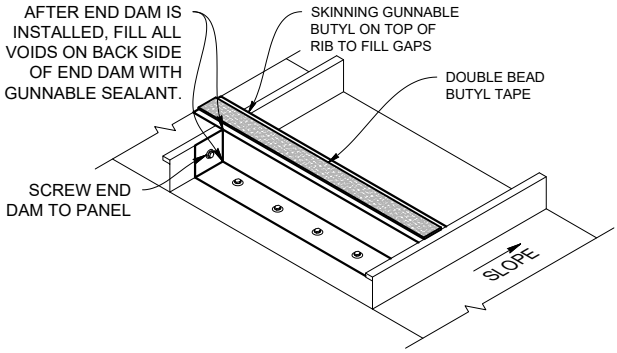
CURB ENDWALL FLASHING
(MS100CH / MS150CH)



ENDWALL DETAIL



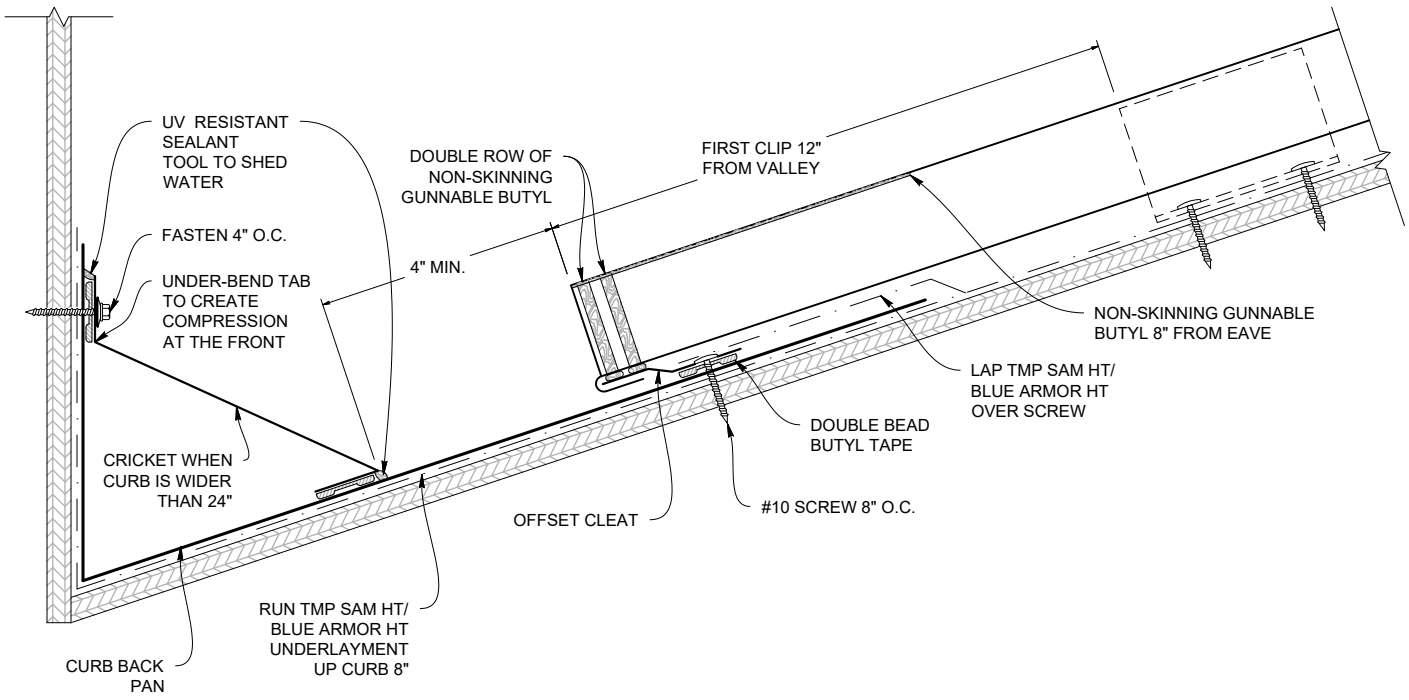
END DAM DETAIL



Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

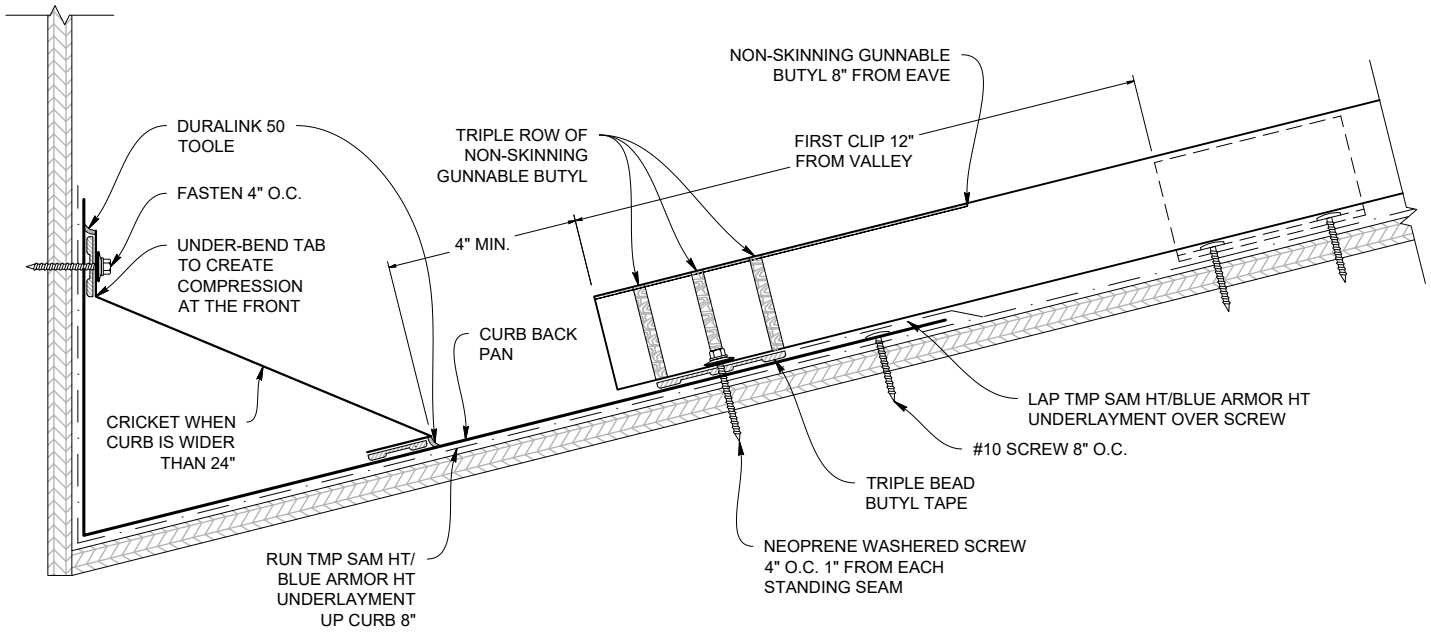
Curb Back Pan/Cricket

CURB BACK PAN / CRICKET DETAIL
(3:12 Pitch or Greater)



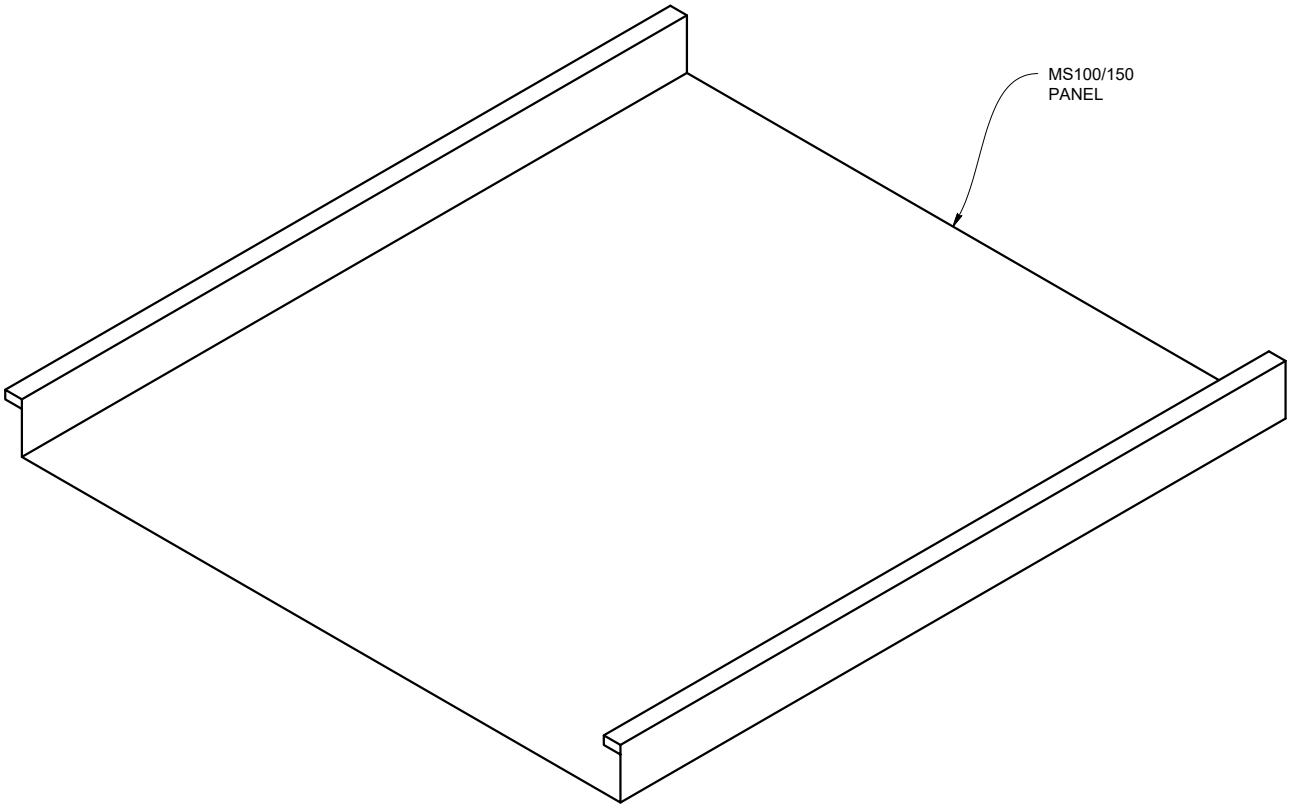
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

CURB BACK PAN / CRICKET DETAIL
(Less Than 3:12 Pitch)

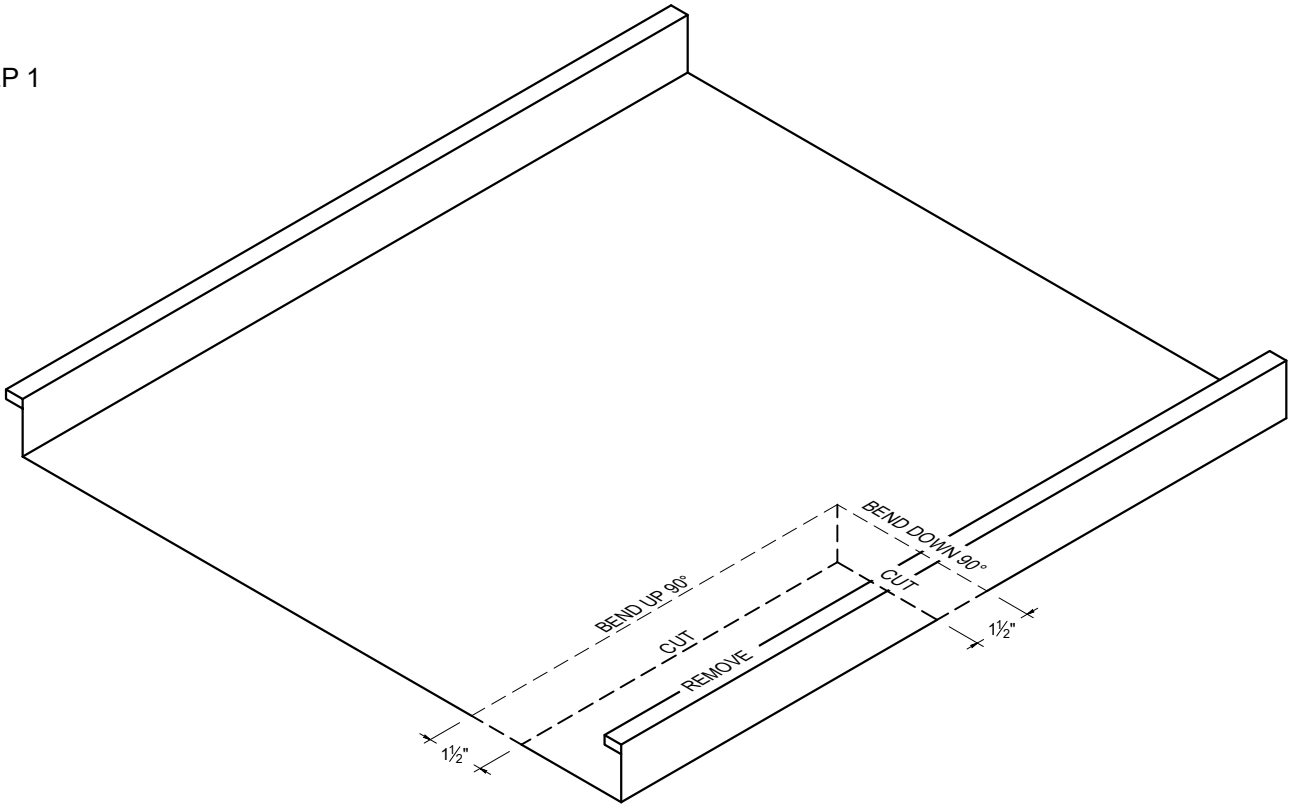


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Eave to Gable Transition

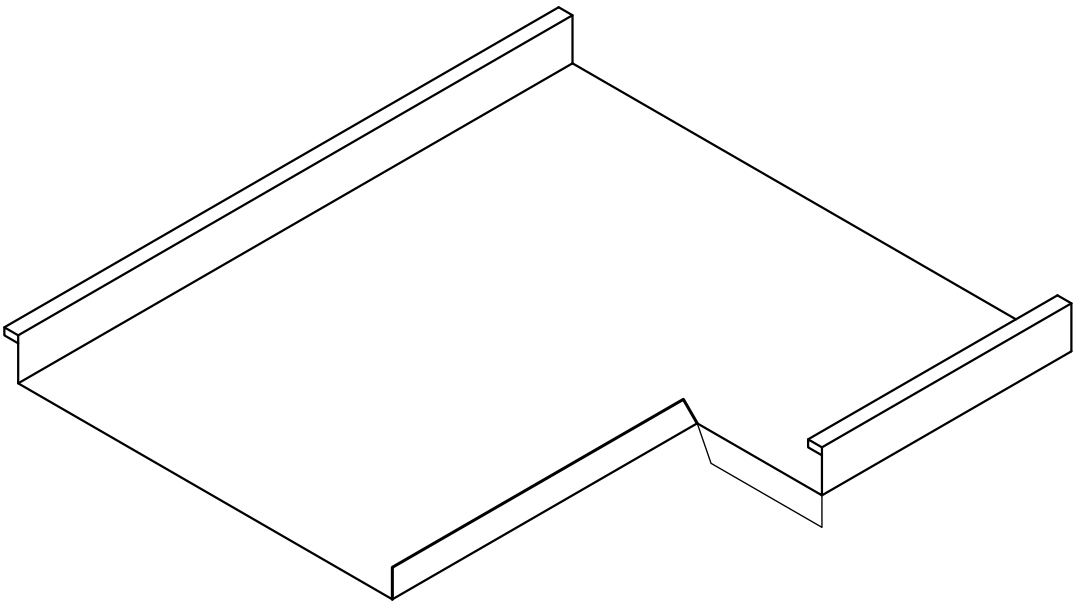


STEP 1

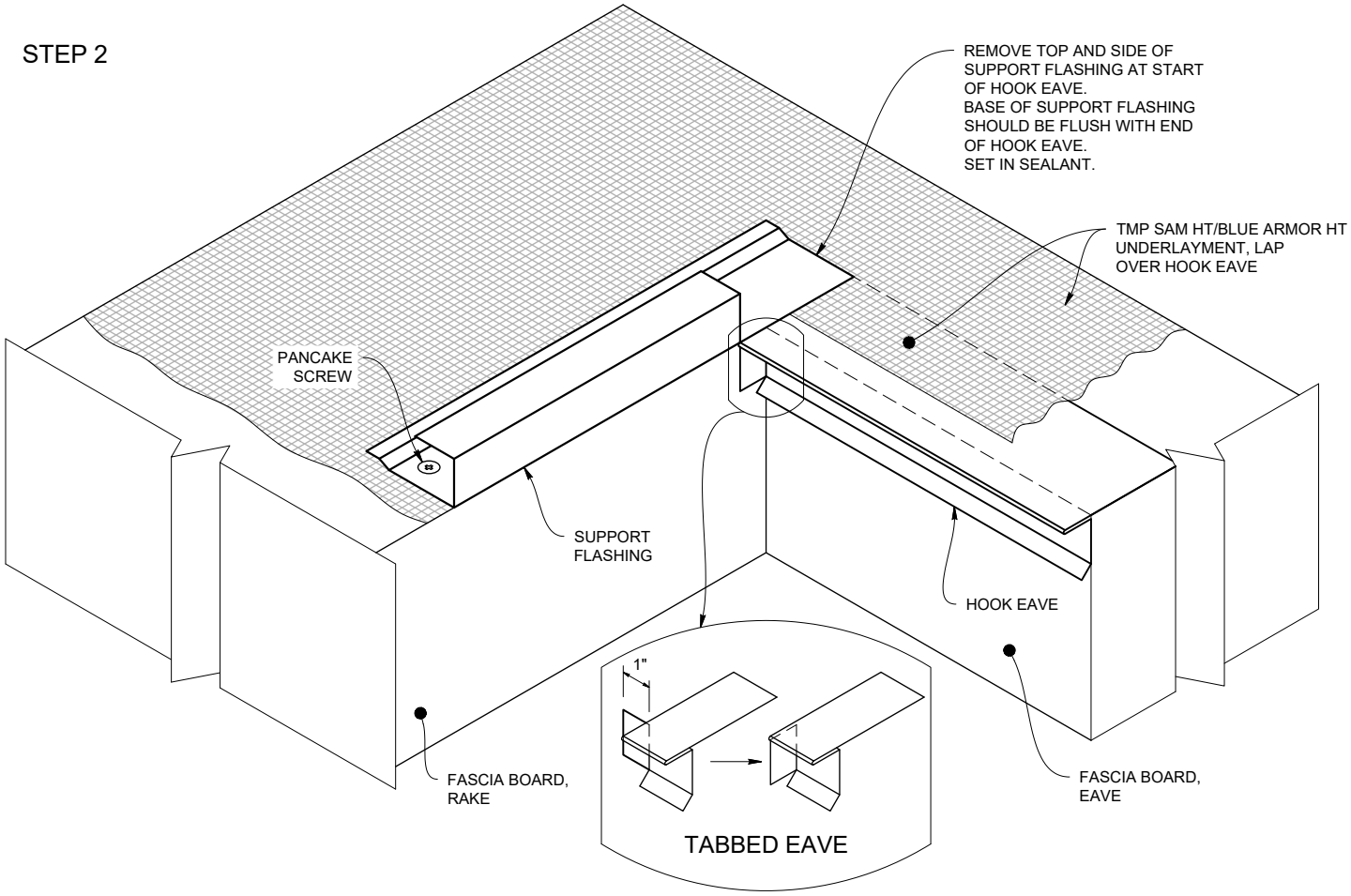


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Eave to Gable Transition



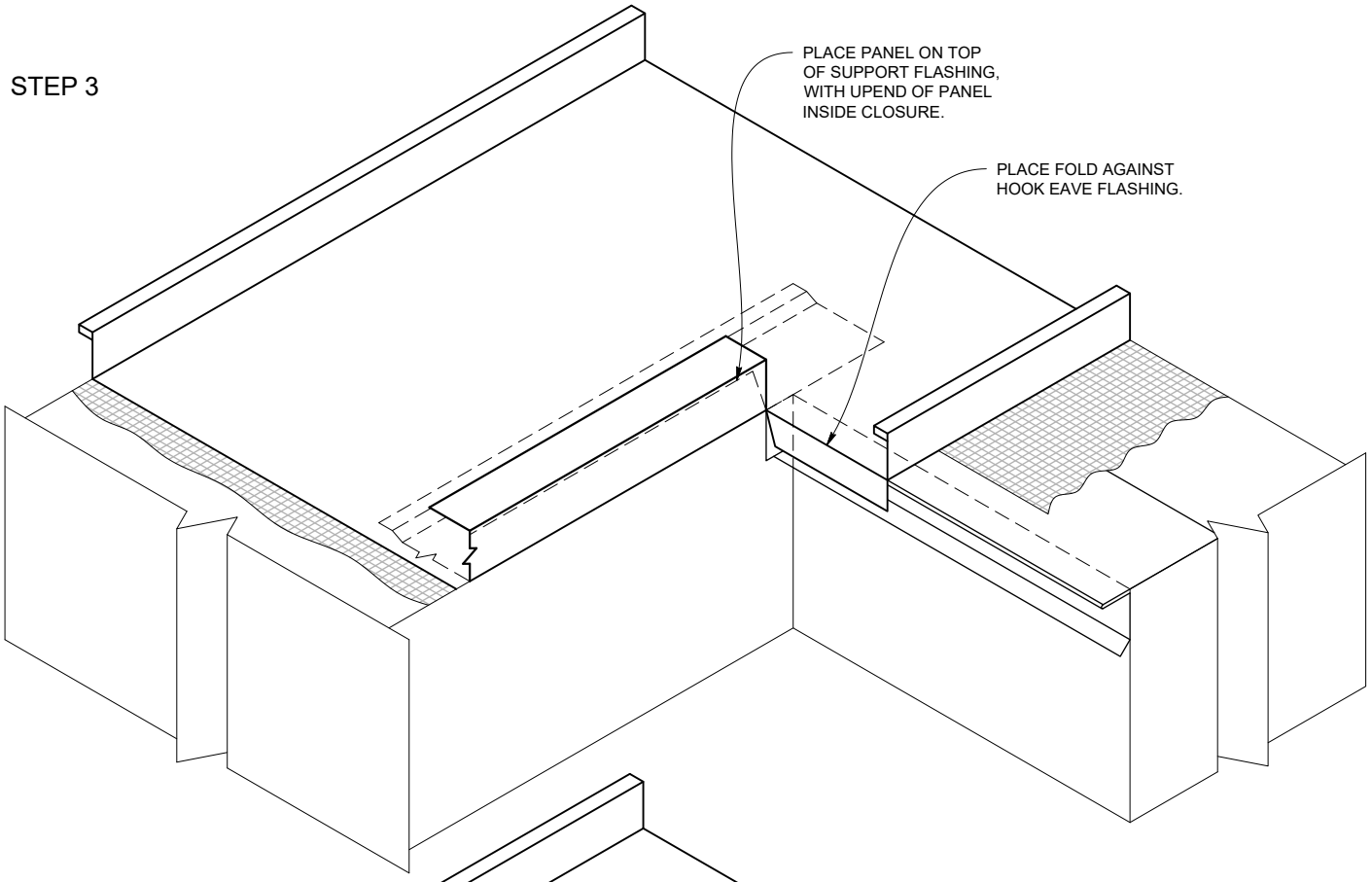
STEP 2



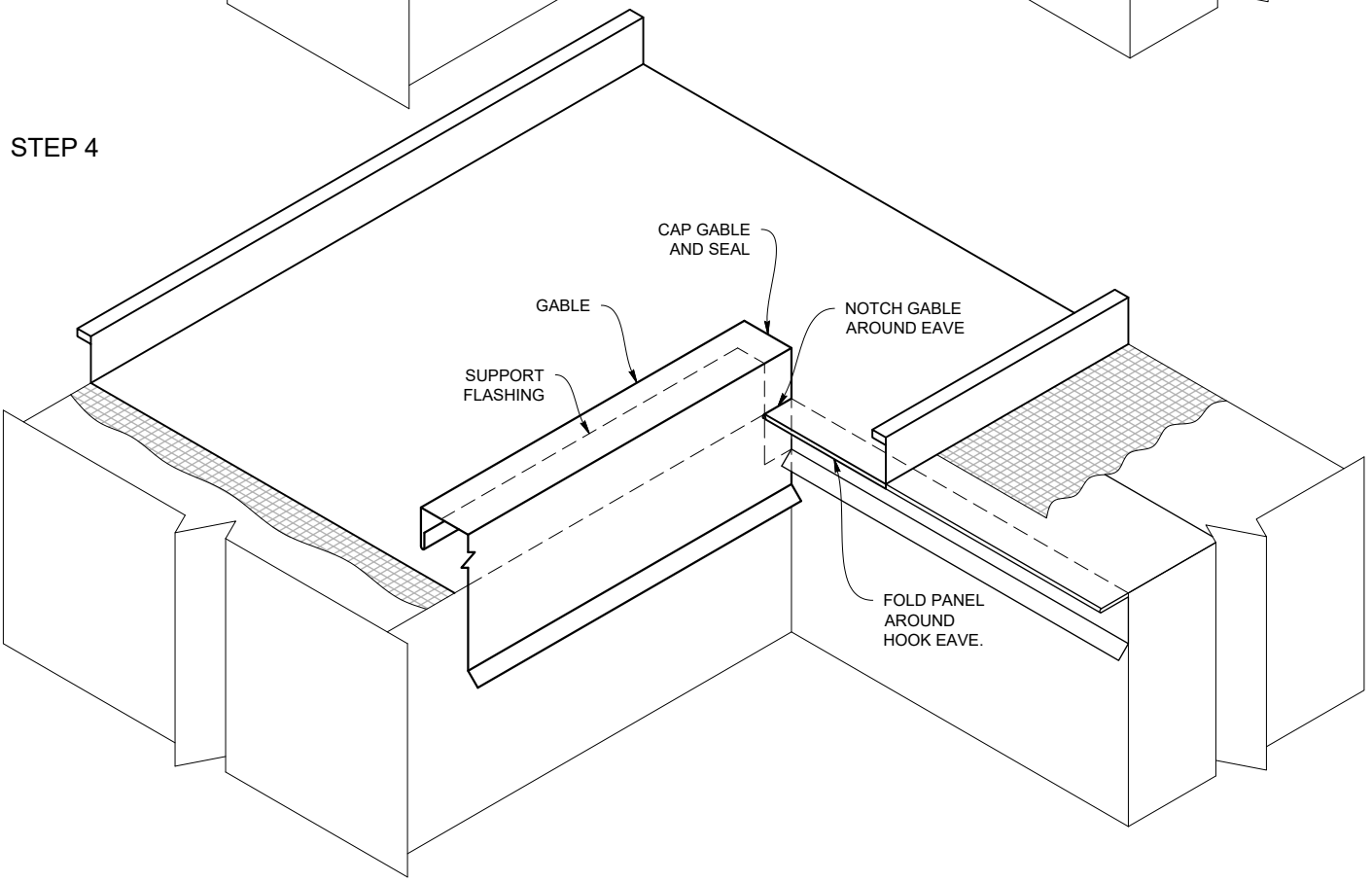
Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

Eave to Gable Transition

STEP 3



STEP 4

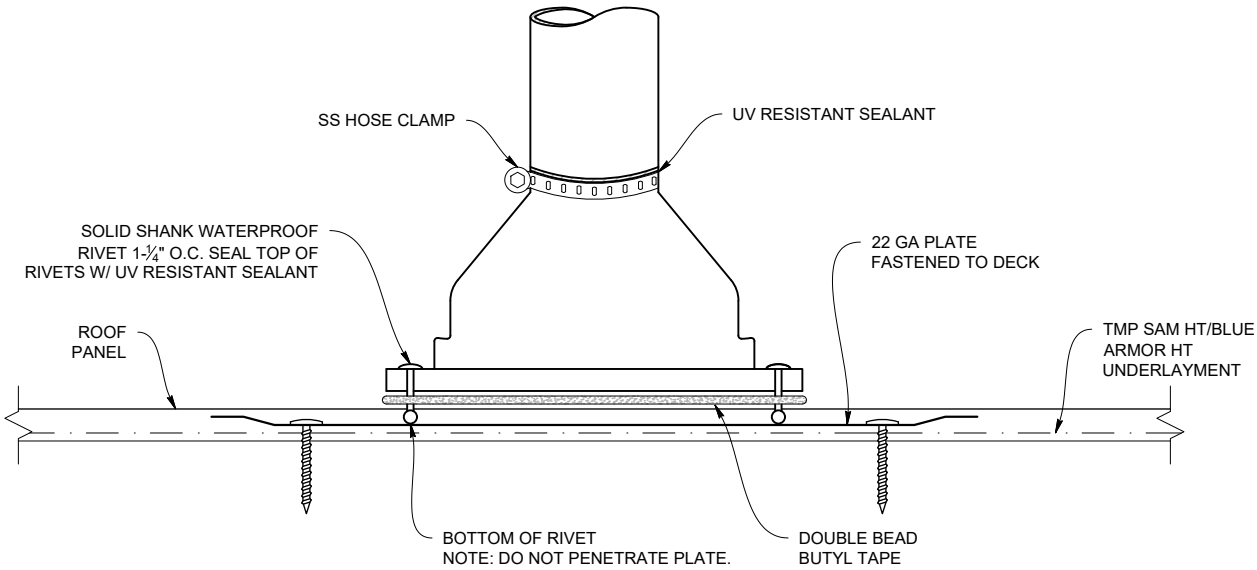


Note: All screws must be fastened into solid substrate.
Flashing must be lapped 4" with 3 rows of gunnable butyl caulk.

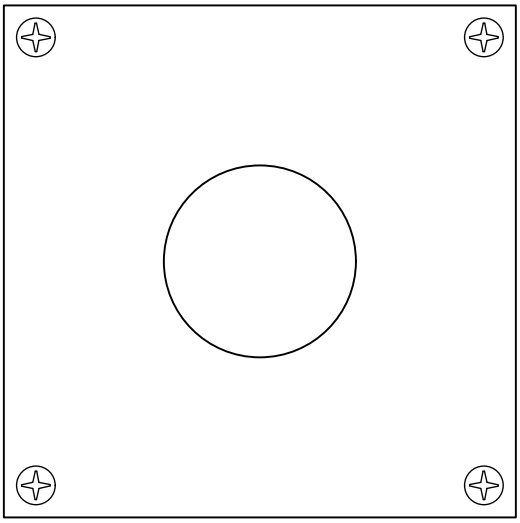
Pipe Penetration - on Plate

FOR PIPES LOCATED GREATER THAN 20' FROM PIN POINT

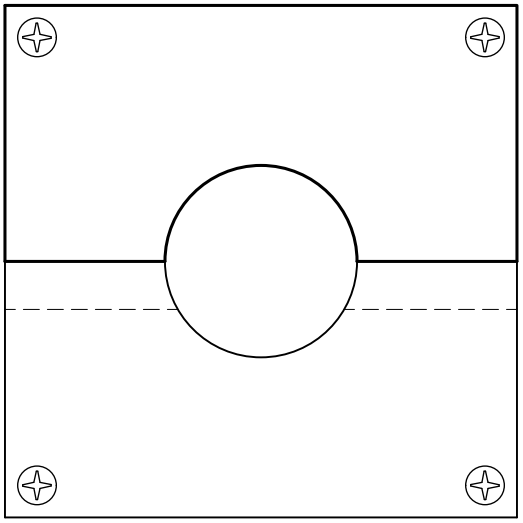
(Allows panel and pipe flashing to move with temperature change)



TWO TYPES OF PLATES CAN BE USED:



SINGLE 22 GAUGE PLATE



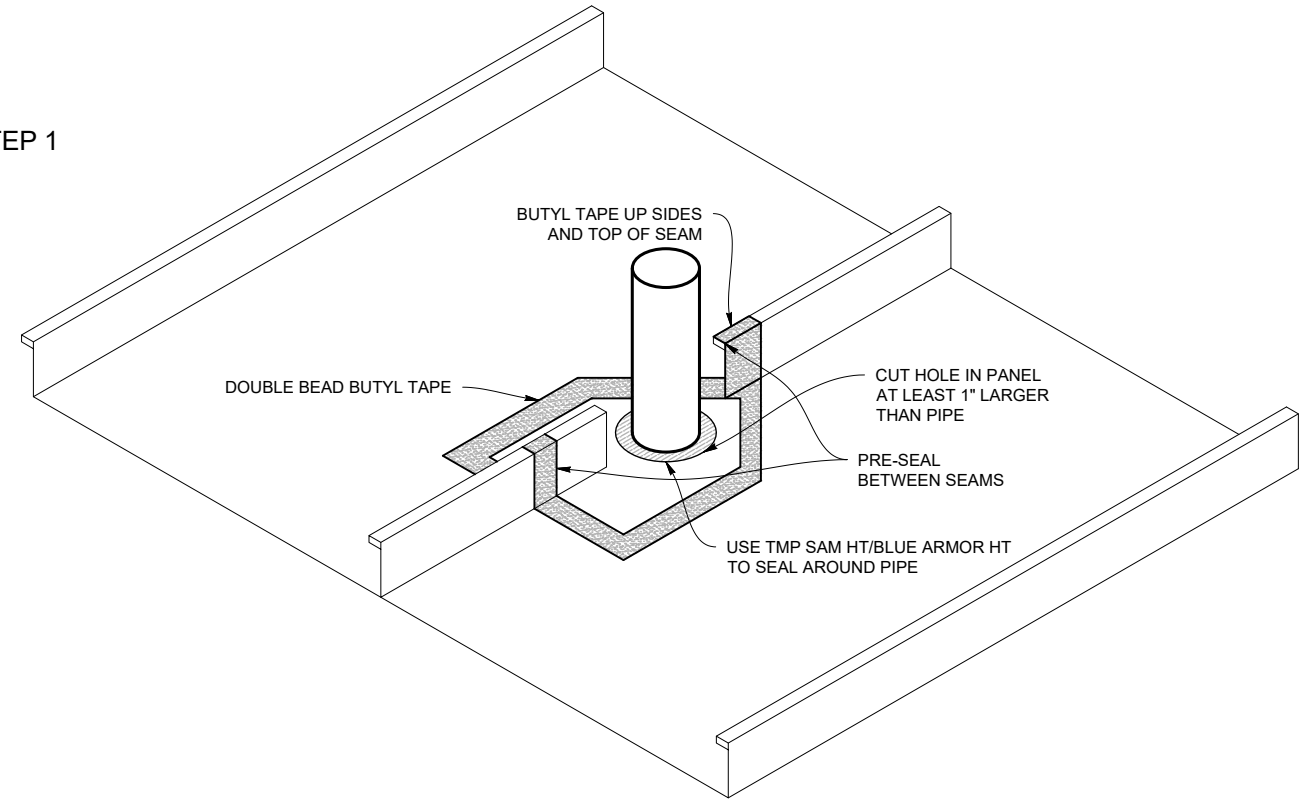
TWO OVERLAPPING 22 GAUGE PLATES

Note: If pipe penetration is over 20 ft. from PIN point, the Z closures shall be riveted to the panel the under layment covered by 22 ga. skid plate to protect the underlayment from rivets and thermal movement.

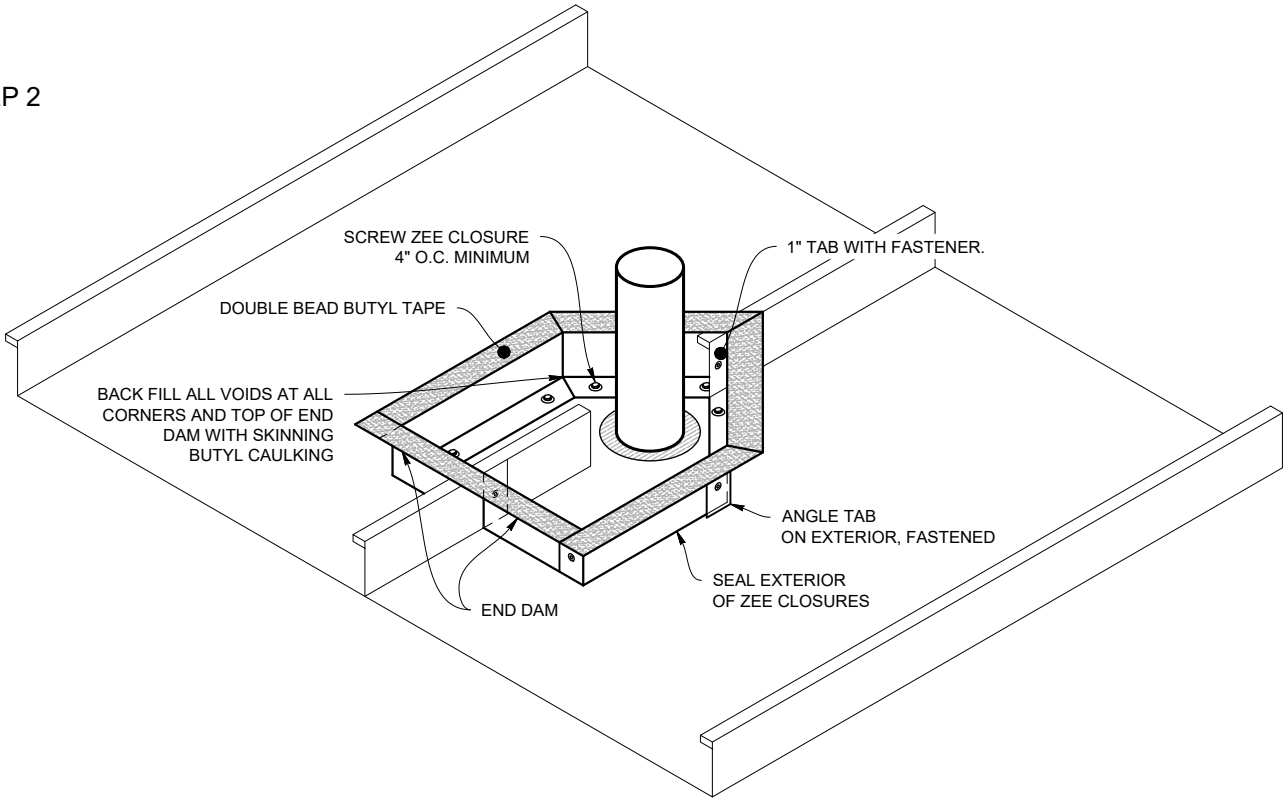
Pipe Penetration - on Rib

Home Plate Option

STEP 1



STEP 2



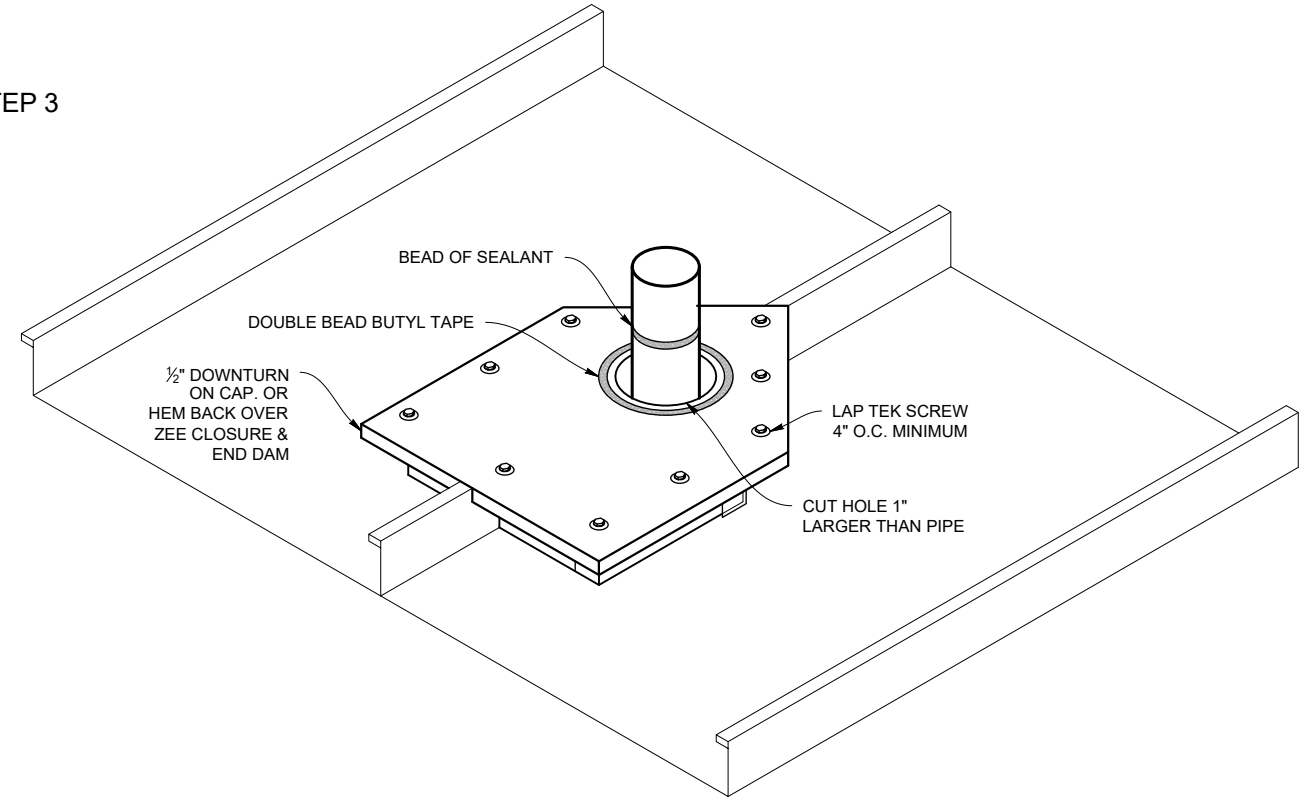
*Use #63 closed end (solid shank) rivets and skid plate when penetration is greater than 20' from fixed pin point when installations are over a solid deck.

Note: All screws must be fastened into solid substrate. Flashing must be lapped 4" with 3 rows of gunnable sealant.

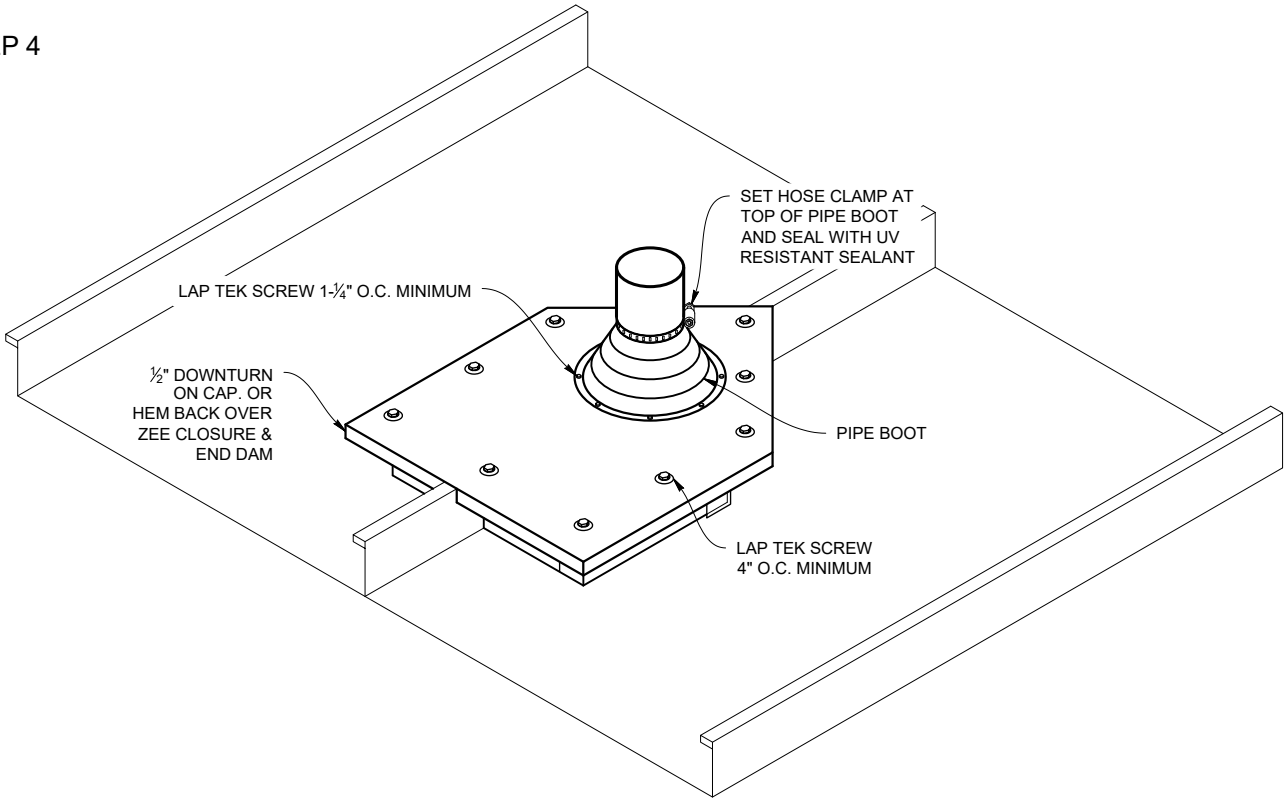
Pipe Penetration - on Rib

Home Plate Option

STEP 3

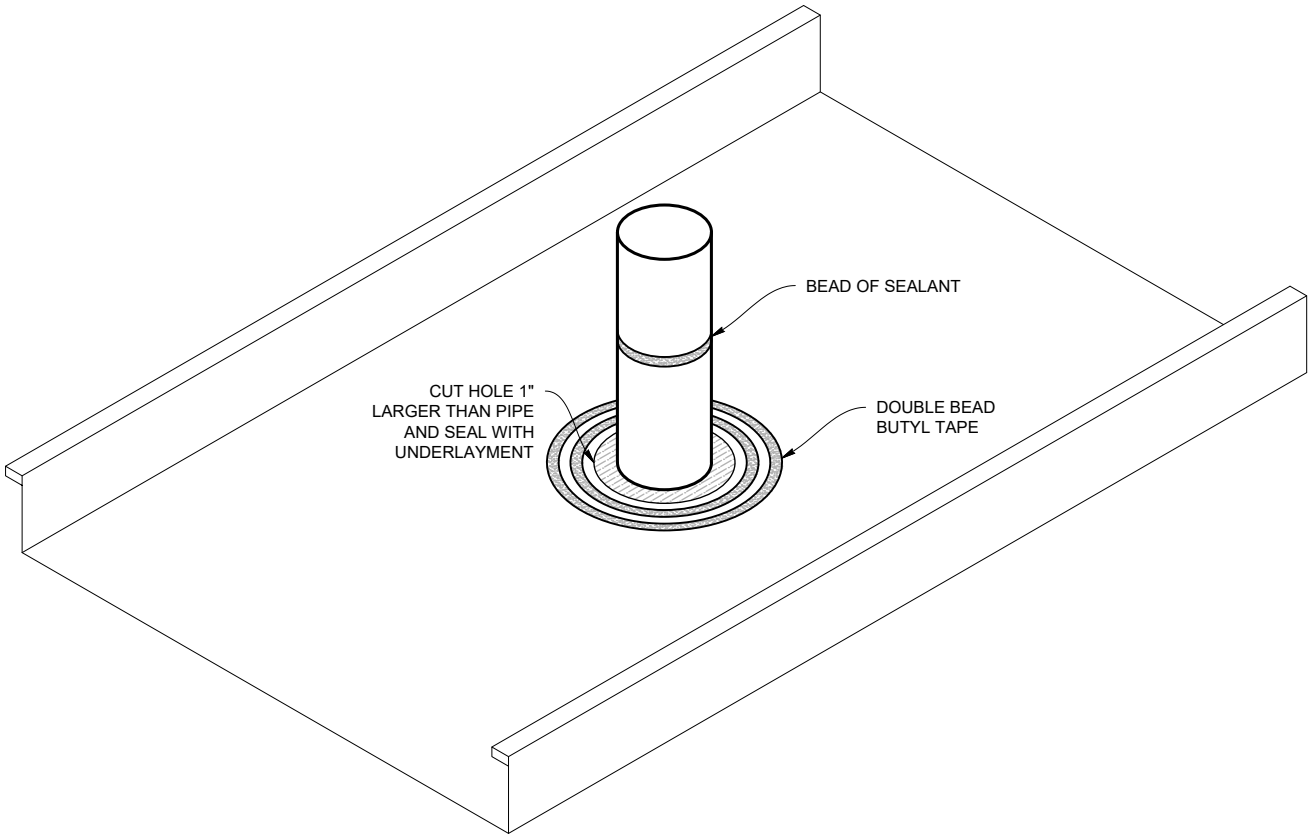


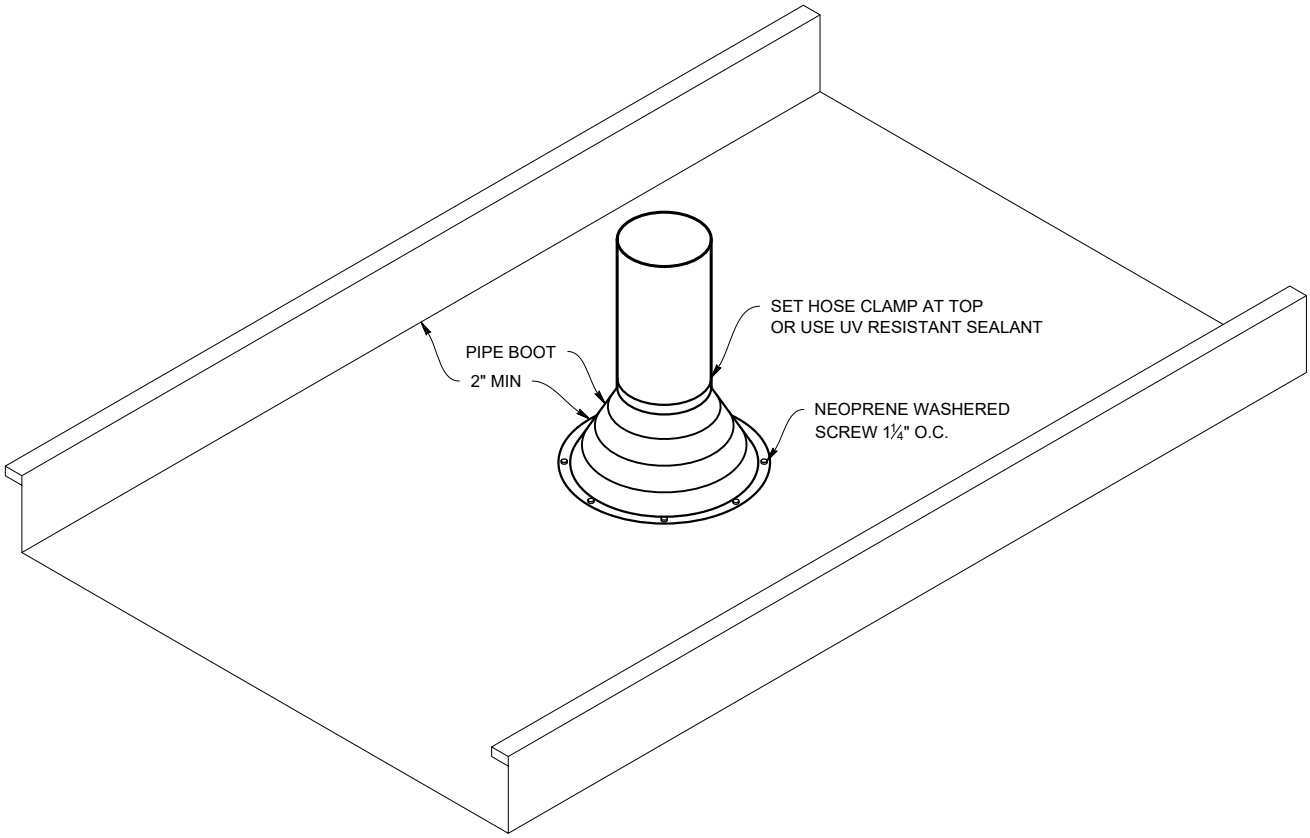
STEP 4



Note: All screws must be fastened into solid substrate. Flashing must be lapped 4" with 3 rows of gunnable sealant.

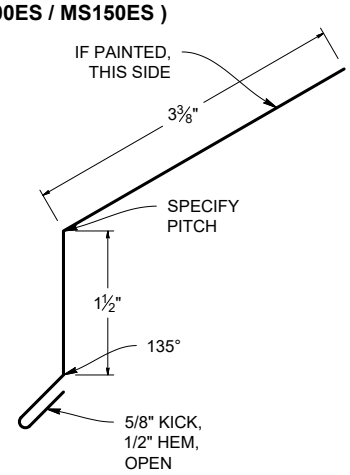
Pipe Penetration - on Pan





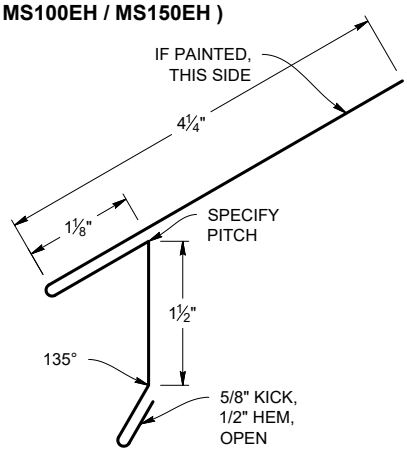
Note: If pipe penetration is over 20 ft. from PIN point, the pipe flashing shall be riveted to the panel the under layment covered by 22 ga. skid plate to protect the underlayment from rivets and thermal movement.

STANDARD EAVE
(MS100ES / MS150ES)



SCALE 1:2 **S.O. 6"** **WEIGHT: 4.9 LBS.**

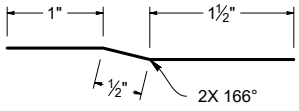
HOOK EAVE
(MS100EH / MS150EH)



SCALE 1:2 **S.O. 8"** **WEIGHT: 6.5 LBS.**

OFFSET CLEAT
(MS100OC / MS150OC)

NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED



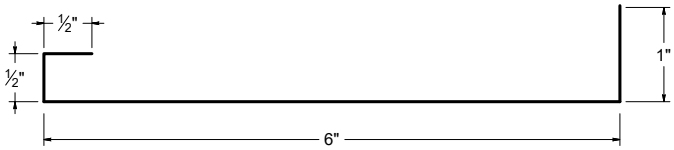
SCALE 1:2 **S.O. 3"** **WEIGHT: 2.5 LBS.**

GUTTER HANGER
(AGH6)

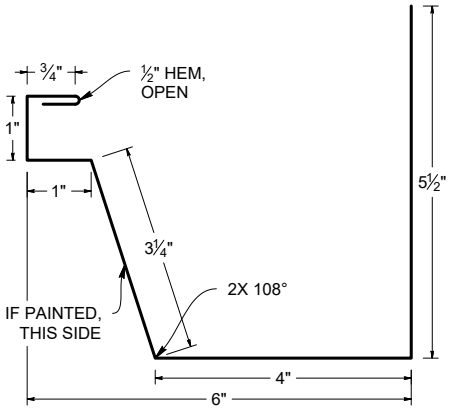
S.O. 8"

WEIGHT: 6.5 LBS.

SCALE 1:2

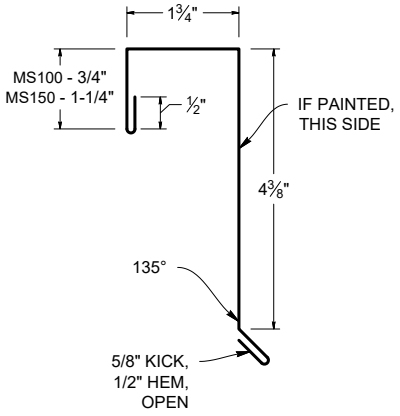


BOX GUTTER
(MS10065BG / MS15065BG)



SCALE 1:3 **S.O. 16"** **WEIGHT: 13.3 LBS.**

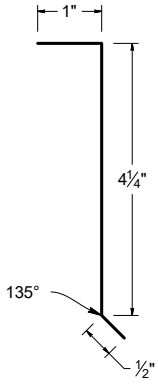
BOX GABLE
(MS100GB / MS150GB)



SCALE 1:3 **S.O. 8.5"/9"** **WEIGHT: 7.6 LBS.**

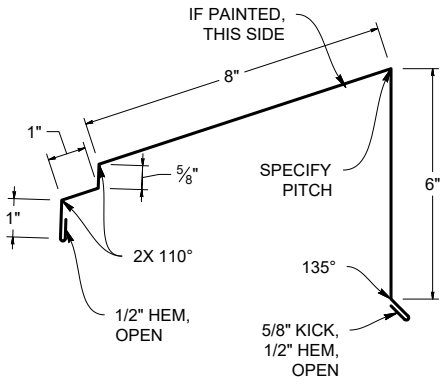
GABLE CLEAT
(MS100GC / MS150GC)

NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED



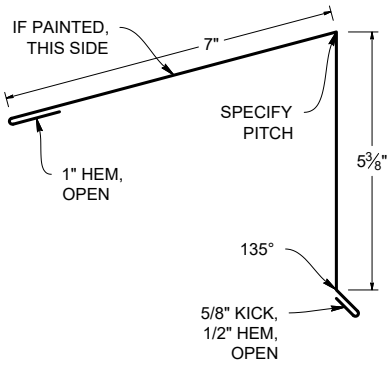
SCALE 1:3 **S.O. 5.75"** **WEIGHT: 4.7 LBS.**

WT VENTED PEAK FLASHING
(MS100WTRECV / MS150WTRECV)



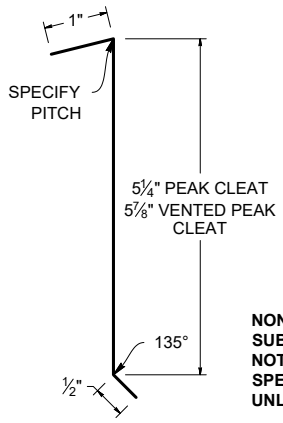
SCALE 1:5 **S.O. 18.25"** **WEIGHT: 14.85 LBS.**

PEAK FLASHING
(MS100REC / MS150REC)



SCALE 1:4 **S.O. 14.5"** **WEIGHT: 11.9 LBS.**

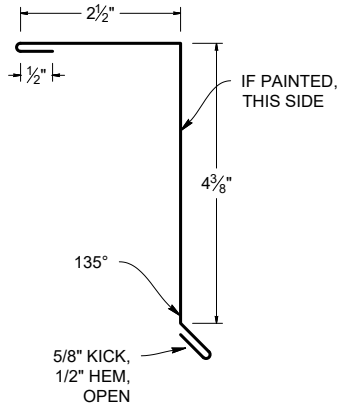
PEAK CLEAT / VENTED PEAK CLEAT
(MS100RECC / MS150RECC)
(MS100VRECC / MS150VRECC)



NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED

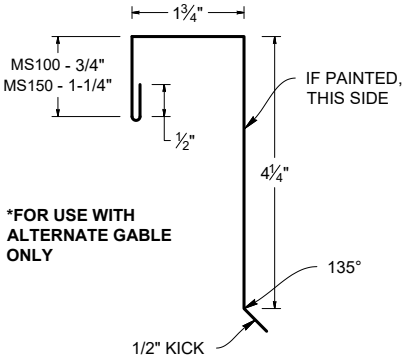
SCALE 1:3 **S.O. 6.75"/7.375" WEIGHT: 5.49 LBS.**

ALTERNATE GABLE
(MS100AT / MS150AT)



SCALE 1:3 **S.O. 8.5"** **WEIGHT: 7 LBS.**

ALTERNATE GABLE CLEAT
(MS100AGC / MS150AGC)

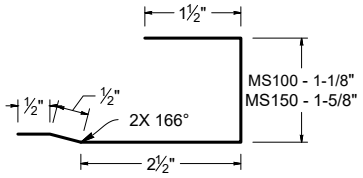


***FOR USE WITH ALTERNATE GABLE ONLY**

SCALE 1:3 **S.O. 7.75" / 8.25"** **WEIGHT: 4.7 LBS.**

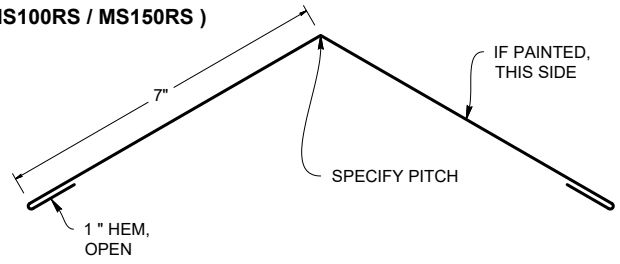
SUPPORT FLASHING
(MS100SF / MS150SF)

NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED



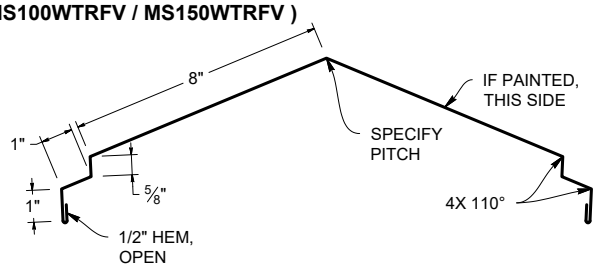
SCALE 1:3 **S.O. 6.125"/6.625"** **WEIGHT: 6 LBS.**

STANDARD RIDGE
(MS100RS / MS150RS)



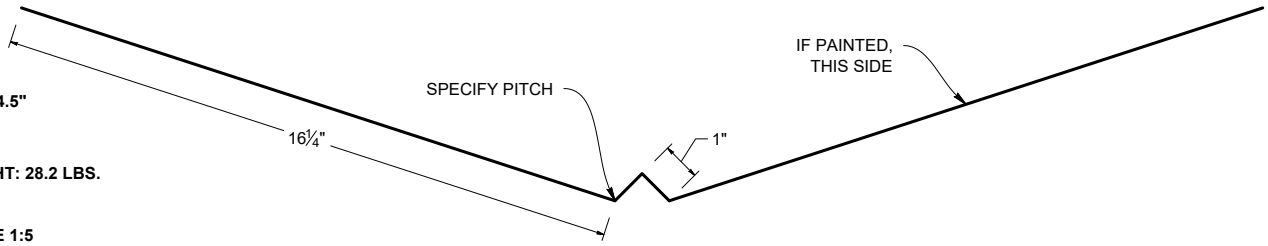
SCALE 1:4 **S.O. 16"** **WEIGHT: 13.1 LBS.**

WT RIDGE FULL VENTED
(MS100WTRFV / MS150WTRFV)



SCALE 1:6 **S.O. 22.25"** **WEIGHT: 18.1 LBS.**

VALLEY WIDE FLASHING
(MS100VFW / MS150VFW)

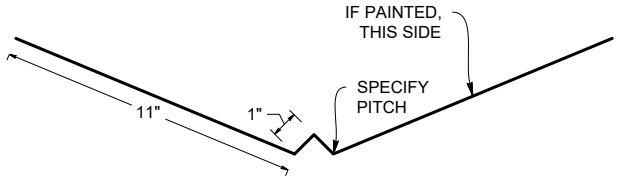


S.O. 34.5"

WEIGHT: 28.2 LBS.

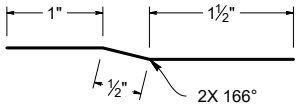
SCALE 1:5

VALLEY FLASHING
(MS100VF / MS150VF)



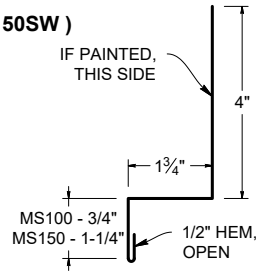
SCALE 1:7 **S.O. 24"** **WEIGHT: 19.7 LBS.**

OFFSET CLEAT
(MS100OC / MS150OC)



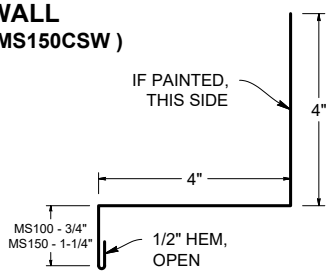
SCALE 1:2 **S.O. 3"** **WEIGHT: 2.5 LBS.**

SIDEWALL
(MS100SW / MS150SW)



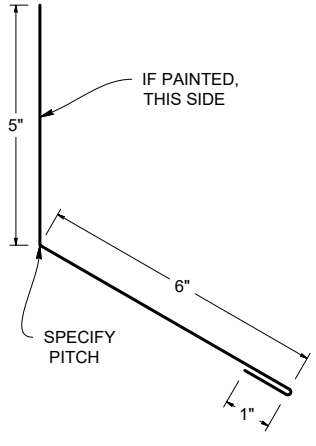
SCALE 1:4 **S.O. 7.25" / 7.75"** **WEIGHT: 6.6 LBS.**

CURB SIDEWALL
(MS100CSW / MS150CSW)



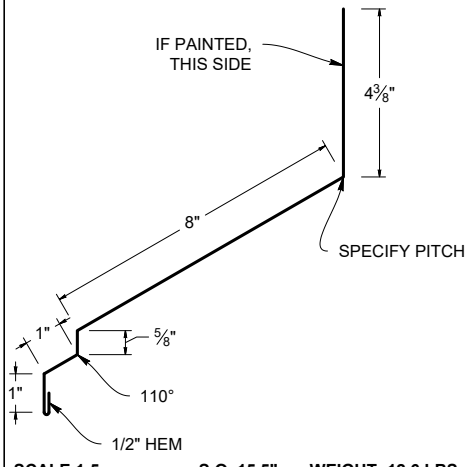
SCALE 1:4 **S.O. 9.25" / 9.75"** **WEIGHT: 8.2 LBS.**

ENDWALL
(MS100EW / MS150EW)



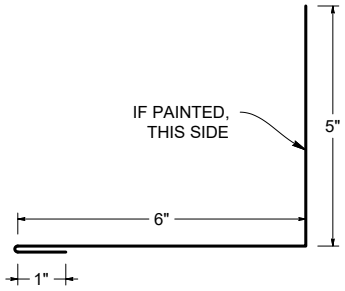
SCALE 1:4 **S.O. 11.5"** **WEIGHT: 9.8 LBS.**

WT VENTED ENDWALL
(MS100WTEWV / MS150WTEWV)



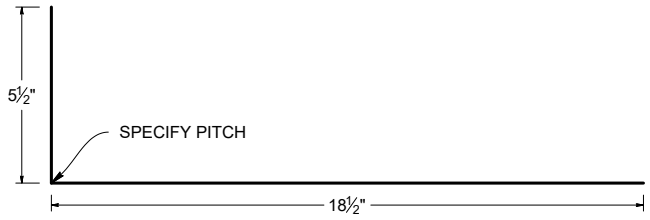
SCALE 1:5 **S.O. 15.5"** **WEIGHT: 12.6 LBS.**

CURB ENDWALL
(MS100CH / MS150CH)



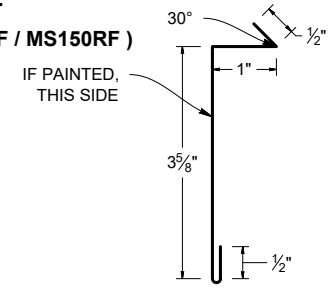
SCALE 1:4 **S.O. 11.5"** **WEIGHT: 9.8 LBS.**

BACK PAN
(MS100PAN / MS150PAN)



SCALE 1:6 **S.O. 24"** **WEIGHT: 21.3 LBS.**

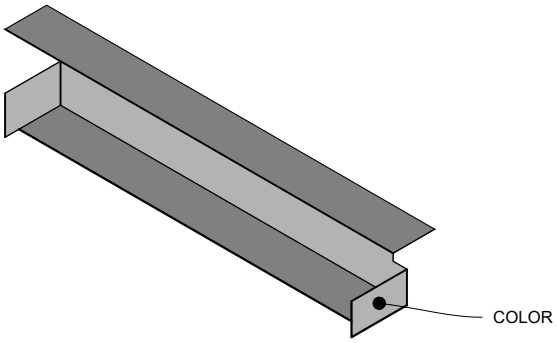
REGLET
(MS100RF / MS150RF)



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SCALE 1:3 **S.O. 5.625"** **WEIGHT: 4.6 LBS.**

END DAM

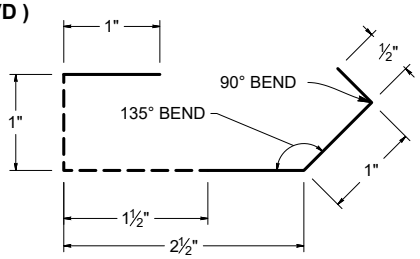


S.O. VARIES

WEIGHT: VARIES

PERFORATED VENT DRIP: E2886 EMBER RESISTANT
(MS100PVD / MS150PVD)

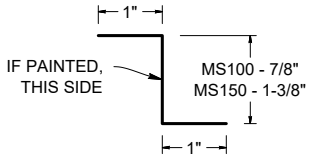
NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED



SCALE 1:2 **S.O. 6"** **WEIGHT: 4.88 LBS.**

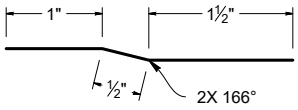
ZEE CLOSURE
(MS100ZC / MS150ZC)

NON-VISIBLE / SUB-FLASHINGS ARE NOT PROVIDED IN SPECIFIC COLORS UNLESS SPECIFIED



SCALE 1:3 **S.O. 2.875"/3.375"** **WEIGHT: 3 LBS.**

OFFSET CLEAT
(MS100OC / MS150OC)



SCALE 1:2 **S.O. 3"** **WEIGHT: 2.5 LBS.**

TAYLOR METAL PRODUCTS

Order Form

Inside Sale: _____

☐ New Order ☐ Add-on Order ☐ Quote

PO #: _____ Date: _____

Sold To: _____

Job Name: _____

Ship To: _____

Order Contact: _____

Phone #: _____

Fax #: _____

☐ **Will Call** ☐ **Delivery**

Day: _____ **Delivery Date:** _____

☐ **Agricultural** ☐ **Residential** ☐ **Commerical** **Route:** _____

Standard Panels are in Bold font.

- ☐ **PBR**
- ☐ **Marion "R" Panel**
- ☐ **Max Corr**
- ☐ **2-1/2" Corrugated**
- ☐ **Classic 7/8" Corrugated**
- ☐ **GR-7**
- ☐ **HR-34**
- ☐ **T-3**
- ☐ **Tuff-Rib**

Panels with * need Pattern Choice:

☐ Ribs ☐ Striations ☐ Flat (Flat not available on StreamLine)

Notched? Y / N Clip Relief? Y / N Sealant? Y / N

Notched AND Tabbed? Y / N (REQUIRED together for EasyLock & StreamLine)

Screw Concealer? Y / N (Standard for Ribs and Striations)

- ☐ **12" Easy-Lock***
- ☐ **16" Easy-Lock***
- ☐ **16" StreamLine***
- ☐ ShadowLine** *(circle): 1", or 1-1/2"*
  1/2" to 3" Reveal: _____
- ☐ **1"x12" SmoothWall****
- ☐ **1"x12" Lifetime Soffit****

Panels with ** need Pattern Choice:

☐ Striations ☐ Flat ☐ 1 V-Groove ☐ 2 V-Grooves

Perforated? **(Available on Lifetime Soffit Only)**

- ☐ **15 5/8" Slim-Lock***
- ☐ 12" MS-200*
- ☐ **14" MS-200***
- ☐ 16" MS-200*
- ☐ **18" MS-200***
- ☐ **12" MS-150***
- ☐ **16" MS-150***
- ☐ **20" MS-150***
- ☐ **13" MS-100***
- ☐ **17" MS-100***
- ☐ Other Panel: _____

Color: _____

Pitch: _____

Gauge: _____

Dmatch: _____

Pallet: 10' 20' 30'

- ☐ 12" Versa-Span*
- ☐ **14" Versa-Span***
- ☐ 16" Versa-Span*
- ☐ **18" Versa-Span***
- ☐ **14 5/8" T-Panel***

Panel & Flashing Items

*All Kynar Slim-Lock, Easy-Lock, Lifetime Soffit, SmoothWall, ShadowLine, T-Panel, Versa-Span, MS-100, MS-150, & MS-200 flashings are 10'

*All ArmorTech StreamLine, T-3, Tuff Rib, GR7, PBR, HR-32, Marion "R", & Corrugated flashings are 12'6"

Quantity	Length	Item Description	Part #	Quantity	Length	Item Description	Part #

Forgetting Anything?

Underlayment? Screws? Clips? Caulking? Closures?

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Custom Trim Order

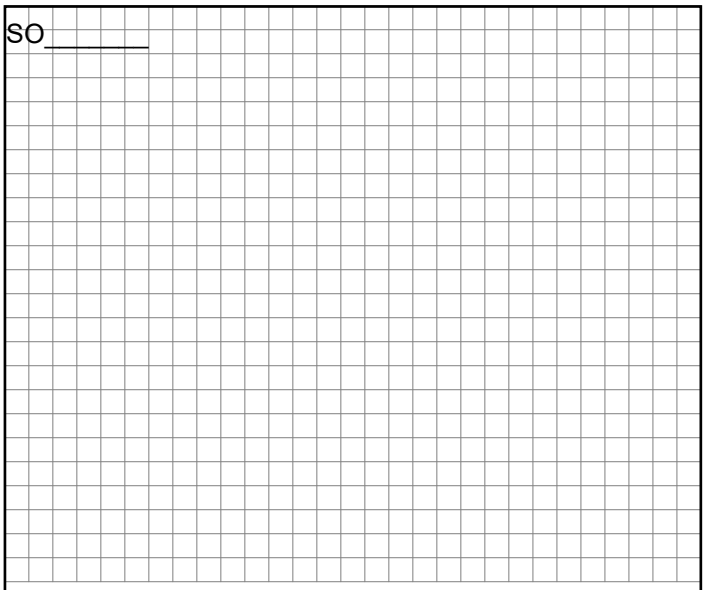
TAYLOR METAL PRODUCTS

Customer Name: _____ Job Name: _____

Gauge: _____ Color: _____ Status: ☐ Original ☐ New

Specify: ☐ Angles ☐ Color Side ☐ Dimensions ☐ Stretchout

SO_____

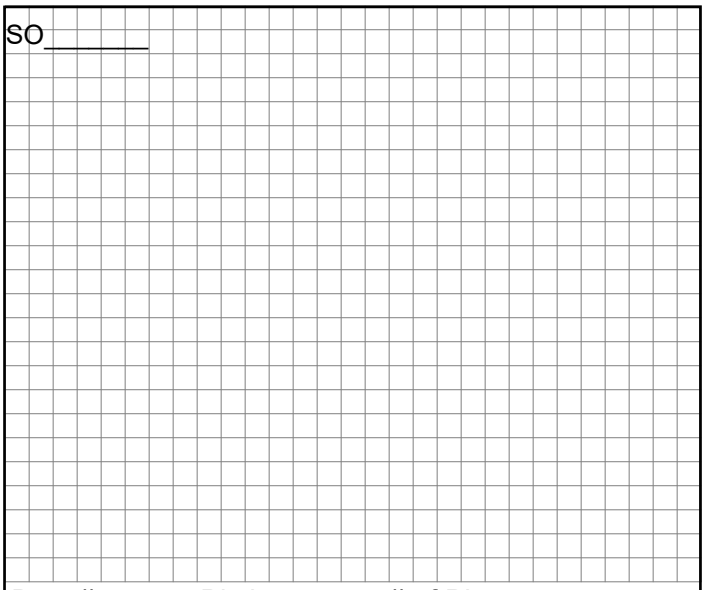


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____

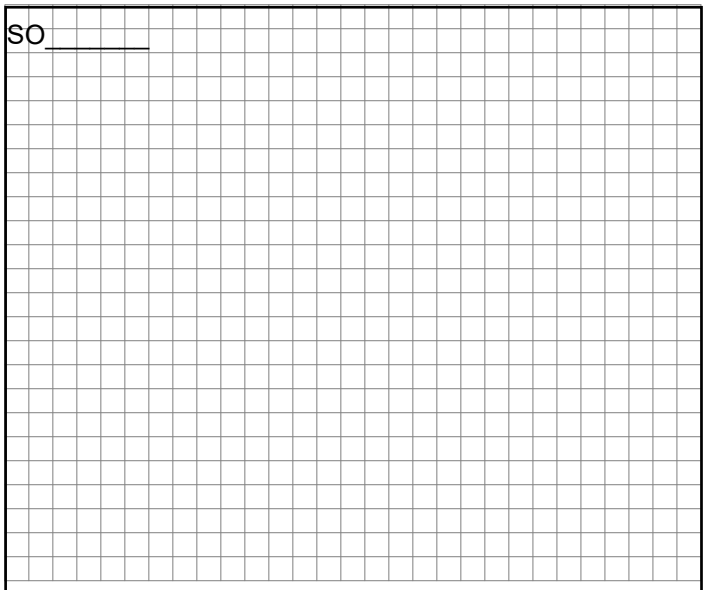


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____

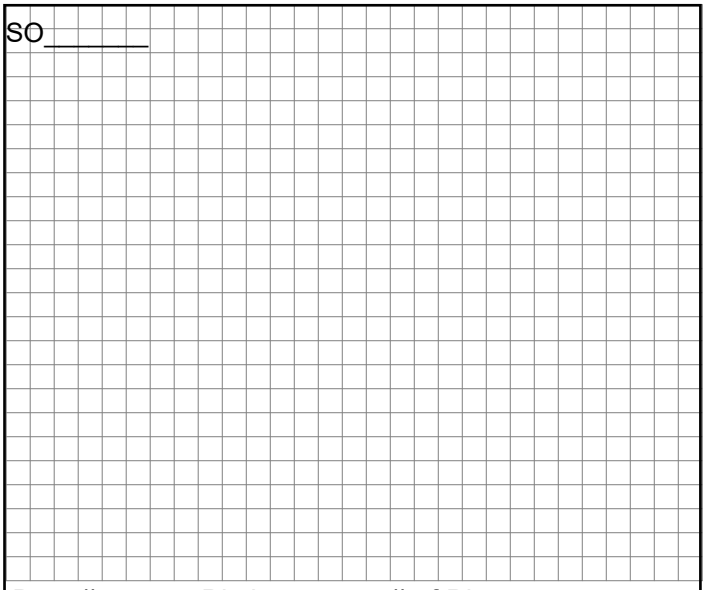


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____



Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

Please provide a drawing for each flashing with precise measurements and angles
Fax to: 503-581-6877

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Custom Trim Order

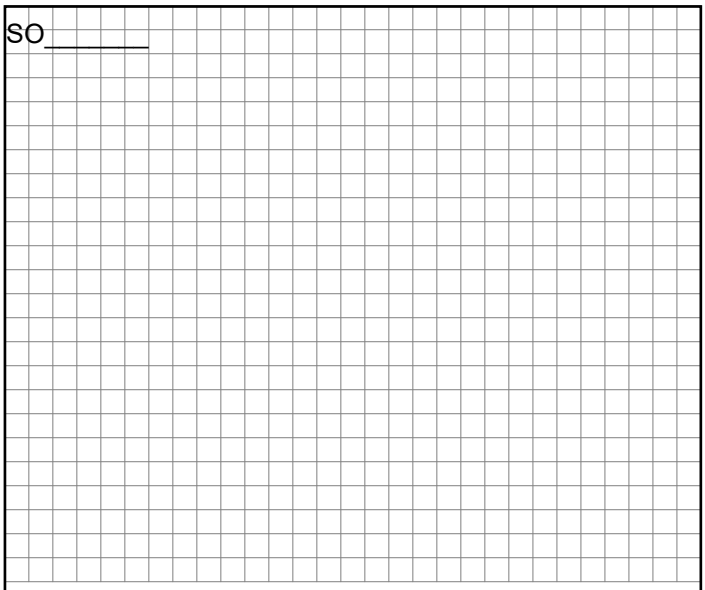
TAYLOR METAL PRODUCTS

Customer Name: _____ Job Name: _____

Gauge: _____ Color: _____ Status: ☐ Original ☐ New

Specify: ☐ Angles ☐ Color Side ☐ Dimensions ☐ Stretchout

SO_____

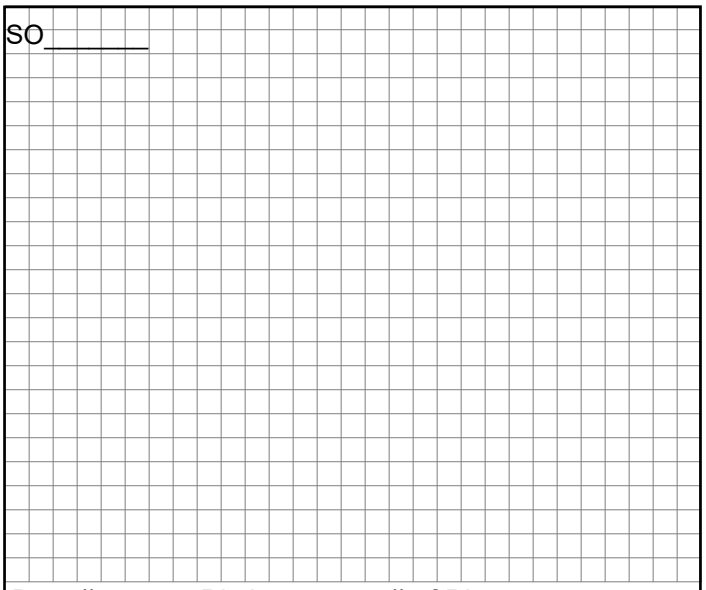


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____

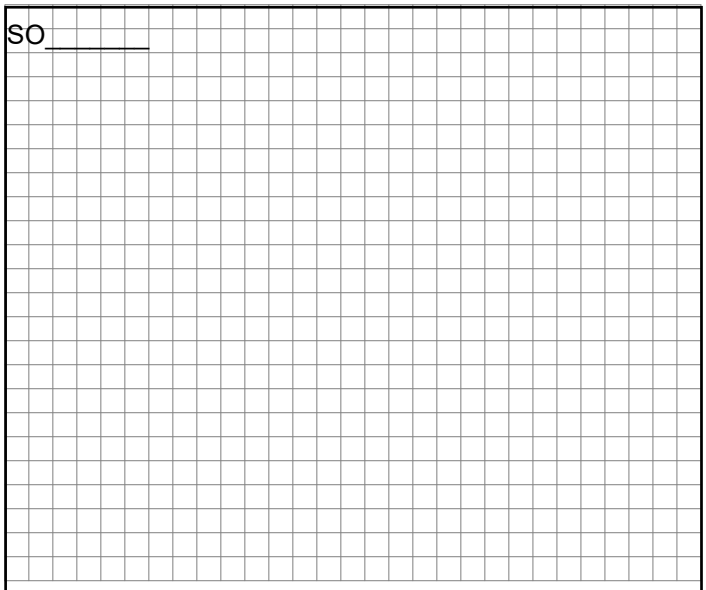


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____

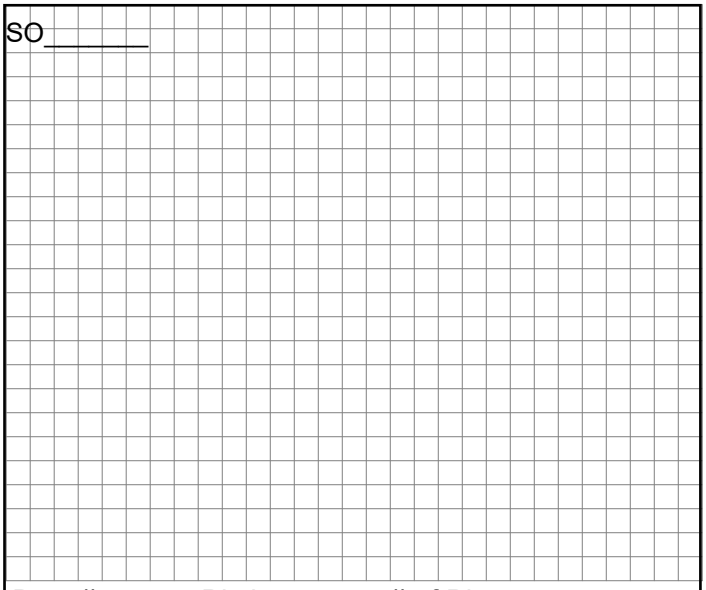


Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

SO_____



Dwg #:_____ Pitch:_____ # of Pieces:_____

Description: _____

Hems: ☐ Open ☐ Closed ☐ Slightly Open

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EXCEPTIONAL SERVICE

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Salem, OR 97301

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Toll Free: 1-800-574-1388
Fax: 503-581-6877

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3443 Airport Rd,
Sacramento, CA 95834

Office: 916-318-8844
Toll Free: 1-800-574-1388
Fax: 916-993-4123

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1010 N Nelson St.,
Spokane, WA 99202
www.go-rsp.com

Office: 509-535-8667
Toll Free: 800-238-4057
Fax: 509-535-8682

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Auburn, WA 98001

Office: 206-900-9923
Toll Free: 1-800-574-1388
Fax: 253-804-3545

RIVERSIDE BRANCH
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Riverside, CA 92509

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Toll Free: 1-877-504-1594