eclipse™

ROOF SYSTEM

INDEX

WARNING

EXPOSED PURLINS, GIRTS AND BRACING

Wood members may break under your weight causing you to fall and be killed or seriously injured.

If you must walk on wood members, stay within 1 foot of truss or column.

Always use fall protection.

See page 6, “Erection Safety Instructions”.

WARNING

You may fall from roof and be killed or seriously injured.

Panels are slippery.

Wear slip-resistant shoes.

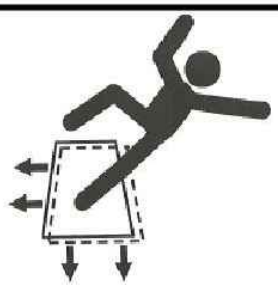
Use fall protection.

Any panel can collapse.

Do not step on loose panels.

Do not step on or NEAR edge of panels.

Do not step within 3 feet of panel end.



Loose panels may slide out from under you.

Do not step on loose panels or stacks of panels.

Always use fall protection.

See page 6, “Erection Safety Instructions.”

Erection Safety Instructions

1. Exposed purlin application

    - The purlins, girts, and bracing (also called “rails, “nailers”, etc.) used in the exposed purlin application may not support body weight.
    - The safest erection practice is to stand on scaffolding, ladders, etc., during erection and to use appropriate fall protection.
    - If during erection it becomes necessary to put some weight on a wood member, you must follow these guidelines:

        - Make sure the wood member is fully secured to the supporting member.
        - Always stay within one foot of the truss or column.
        - Distribute your weight on different wood members.
        - Never walk out onto or across a purlin, girt, or bracing member.

    - During pre-erection layout of materials, check for cracks, excessive bowing, or other features that might make a wood member unsound. Dropping one end of the wood on the ground and listening for cracking, breaking, or other sounds may also indicate the wood member is unsound. Any wood member that does not appear structurally sound should not be used.

2. Panels are slippery

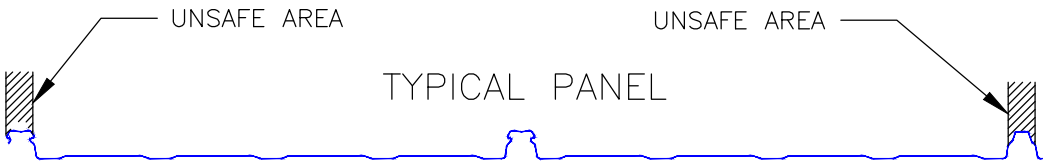
    - All roof panels, whether painted or unpainted, are slippery to walk on. Unpainted roof panels are coated with a cleat fluid to aid in manufacturing and to protect them from rust during shipping and storage. This fluid contains a small amount of oil, which can make the panels very slippery to walk on.
    - The fluid may leave a coating of oil on the soles of your work boots. This coating may cause you to slip and fall even when you are no longer working on a roof panel.
    - If a bundle of panels are stored on a slight slope, the oil may run down hill on warm days & collect on one portion of the panels. This makes the oily portion of the panels even more slippery than normal.
    - Dew, frost, or any other moisture on roof panels, whether painted or unpainted, greatly increases the slipperiness of the panels & extra care should be taken. The pitch of the roof (its slope) can also increase the hazard.

        - Because of these hazardous conditions, it is essential that fall protection be used at all times.
        - Always wear slip-resistant shoes.
    - Never step on a single roof panel or a stack of several roof panels lying unattached to substrate framing. If you step onto a single panel lying unattached, it may slip causing you to lose your balance and fall. Even a stack of several panels lying unattached may slip if you step on it.

3. Panels can collapse

- ERP roof panels can be a safe walking surface (except for the steepness of the slope and slipperiness caused by dew, frost, moisture or oil) only when they are completely fastened or seamed to other panels on each side.
- Panels not completely fastened or seamed on each side are not safe and can collapse suddenly and without warning.
- When installing roof panels, always use fall protection.
- Follow these additional safety precautions:

  - Never step, kneel, or place weight on the raised edge corrugation of any panel.



  - Use extra care when installing panels with creased or kinked corrugation or edges. Placing weight on any portion of such a panel may cause the panel to collapse.
  - Do not step within three feet of panel end.
  - When fastening a panel to an exposed purlin, stand toward the middle, away from the raised edge corrugation and directly over the purlin.
  - Never use unattached roof panels as a work platform for any purpose. This is an extremely hazardous practice and should never be done.

4. General safety instructions

- These instructions and the other warnings and instructions provided are not intended to be complete and comprehensive safety instructions and may vary from applicable laws and regulations. All local, state, and OSHA safety regulations must be followed at all times. Past methods may not comply with current laws and regulations.
- Wear gloves to prevent injury while handling any metal fabricated parts.
- Always wear adequate personal protective gear, such as hard hats and eye protection. Stay clear of loads being moved by any lifting device. Keep hands and feet clear of moving loads and never stand under a load being lifted or moved.
- Good cooperation and coordination among crewmembers is essential for safe installation. When working together, it is important that all crew members work at the same speed and in coordination with each other.
- Maintenance of good housekeeping on the job site is recognized as being important for both safety and successful job completion.

General Information

1. Notice

    - Within this product manual you will find general design and installation instructions for adequate application of the Eclipse Roof System (ERS). The installer is responsible for assuring all safety, insurance, and building code requirements are being met. Lester Buildings is not responsible for any complications which may result from improper installation or any bodily harm or damage of property that may occur while using the product.
    - Some conditions or installation situations for the ERS may not be covered in this manual. For design and installation assistance, call 1-800-826-4439 ext. 5305.

2. Material Handling & Storage

    - Check the condition of the product upon delivery and compare the shipment to the packing slip to ensure all is accounted for.
    - Call 1-800-826-4439 extension 5263 to report any shortages.

3. Packaging

    - Package is for crating and handling only.
    - Crates are non-structural and should not be re-used.

4. Unloading

    - The installer is responsible for unloading materials and providing necessary equipment for unloading in a safe and secure manner.
    - Crates are to be supported from underneath with forks positioned far enough apart that the crate is balanced and stable, avoiding sudden movements to prevent damage.
    - Bundles up to 25 feet long can be lifted by a lift truck with forks at a minimum of 5 feet apart. Bundles longer than this should be lifted with nylon slings and a spreader bar. Chains, cables, and ropes are not adequate tools for relocating bundles.

5. Handling

    - Two people spaced no more than 12 feet apart are necessary to move panels.
    - Fluid movements between handlers will help prevent permanent damage.

Handling Metal

1. Differing metals

   - The ERS should NOT come into contact with other metals such as brass or copper and any resulting corrosion is not covered by Lester Building's warranty.
   - The same preventative measures should be taken to ensure that the ERS does not come into contact with any moisture or run-off from copper materials. This will cause premature corrosion to the ERS.

2. Treated lumber

   - All metal should be kept separate from any chemically treated lumber and care taken to ensure the two do not come into direct contact.
   - Any corrosion resulting from direct contact with chemically treated lumber is not covered under Lester Building's warranty.

3. Oil-Canning

   - Oil canning is the visible waviness in the flat areas of a metal panel.
   - This is not suitable cause for rejection of the panel.
   -

4. Expansion/Contraction

   - Allow for natural expansion and contractions of panels and trim caused by fluctuations in temperature and sunlight.
   - Failure to do so can result in fastener malfunctions or "oil-canning".
   - See chart 9A.

5. Cutting and drilling

   - Use cutting tools that leave clean edges. Saws and grinders should be avoided. Damage to the steel by abrasive cutting tools will encourage rusting and is not covered through Lester Building's warranty.
   - Any loose metal debris is to be removed to avoid rust and therefore any discoloration at that location.

Thermal expansion chart		
Panel Length (ft)	Temp change Deg F	Panel Elongation (in)
10	100	0.075
15	100	0.113
20	100	0.15
25	100	0.188
30	100	0.225
35	100	0.263
40	100	0.3
45	100	0.338
50	100	0.375
55	100	0.413

Chart 9A

Eclipse Roof System Design

1. Slope

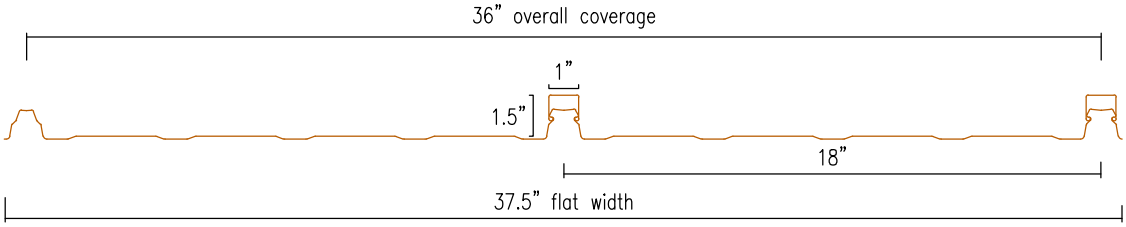
- The ERS is recommended for a 2/12 roof slope or higher and should not be used on surfaces where water is allowed to pool or is otherwise inhibited from freely flowing.
- Slopes with roof pitches .5/12 to 3/12 require lapped sealant.
- Slopes below .5/12 are not allowed.

2. Substrate & Underlayment

- A minimum of 7/16" OSB is required for 28 gauge panels.
- 26 gauge panels can be installed over open perpendicular framing with a maximum spacing of 28" o.c.
- For wind rated roof use 1/2" plywood.
- 30 lb asphalt saturated felt or an equivalent underlayment is recommended.

3. Panels

- Panel dimensions are as shown below.



Major ribs are 1" wide x 1.5" high with snap-on batten

- Panels are available in 26 gauge and 28 gauge AZ50 Galvalume with maximum recommended length of 34 feet. Panels up to 45 feet are available but are not recommended.

4. Sealant

- Sealant may be applied to perimeter edges, laps, intersections, and joints of flashings and panels. See details for applications.
- Sealant is a necessary element in preventing water from damaging the ERS.
  - Mastic tape is ideal for use between surfaces that are in compression, such as roof panels and flashings, and should not be used in instances where it is exposed to weather.
  - Moisture cured silicone sealants come in tubes and are versatile enough to use at any location requiring sealant.

Installation Instructions

1. Tools and Accessories

- Pop Rivet Tool
- Sheet metal snips, right and left
- Caulk gun
- Electric screw gun
- Electric sheet metal shears
- Hammer
- Tape measure
- Utility knife
- Drill bits
- Writing pens- do not use graphite pencils for marking
- Chalk line

2. Manufacturer's recommended panel attachment guide

- The Eclipse panel is a 36" wide, 18" O.C. major rib, rolled formed panel. It's 1.5" major rib provides outstanding strength and stiffness. The stiffness of the panel does not allow for adjustment and distortion during installation.
  - The panels must be installed on roofs that are straight and square.
  - The panels must be allowed to cover a minimum of 36" width.
  - Panels may be installed over purlins with a minimum of 1- 1/2" nominal width. See details for applications.
  - It is recommended that the panels be installed over sheathing that is a minimum of 7/16" thick with 30lbs felt paper or equivalent underlayment.
  - Wind rated assemblies require 15/32" plywood sheathing.
- Initial panel layout should take all aspects of the roof surface into consideration.
  - This includes vent pipes, valleys, annexes, and chimneys.
  - It is best practice to locate major rib of the panel in line with the ridge line of attaching roof.
  - Mark the roof layout for 36" panel coverage.
- Once the roof has been determined to be straight and square and the panel layout has been determined, the Eclipse roof system can be installed.
- The eave trim must be installed prior to the roof panel installation. This is the only trim that must be installed prior to the roof panel installation.

3. Panel Installation

- Lay the first panel on the roof and fasten it securely to the roof per detail JT040 (or JG010 for decking).
- Lay the next panel over the first panel with the overlap panel on top of the underlap panel. Make sure that the panel lap ribs are seated together.

- Fasten through the lap rib and the adjacent major rib per detail JT040 (or JG010 for decking).
- Continue installing the remainder of the panels in a similar fashion until the entire roof is covered. Field cut panel as needed for roof accessories.
- Periodically check the panel layout measurement to make sure the panels are running square and are providing the proper coverage. Failure to provide proper panel coverage and layout will result in distorted panels, and poor alignment causing a sawtooth effect.
- After all panels are installed, the roof battens may be installed. Special care must be taken to mark the location of any roof attachment brackets that are covered by the battens. Install battens per detail JT020 (or JG004 for decking). Follow the attached details for the installation of the finish trims. This will complete your Eclipse roof system.

Protecting & Repairing Roof

1. Protecting roof during installation:

   - Damage to an ERS can be caused by workers standing on panels, equipment, tools, or construction supplies and can usually be prevented.
   - To prevent damage such as paint abrasion and dents you can:
     - Remove metal shavings from panels and trim immediately that result from cutting or drilling.
     - Clean roof of debris routinely.
     - Remove debris from bottom of footwear before stepping on to roof.
     - Limit walking on installed portions of roof.

2. Protecting roof after installation:

   - To ensure peak performance, routine inspections of the roof are encouraged once installation is complete.
   - Maintenance suggestions are as follows:
     - Nearby tree branches should be trimmed back.
     - Anything penetrating ERS, such as pipes, should be checked for cracks or tears routinely.
     - Clean ERS of any debri such as leaves, sticks, or dirt which my affect the drainage of water or hold moisture.

3. Finishing details

   - Effort should be given to avoid and protect the ERS during installation from scratches, abrasions, or bending. Touch-up paint pens are available in Lester Building's steel colors upon request. Please note that paint pens do not have the same protective qualities and should be used in moderation.
   - It is encouraged that experienced metal roof system installers be used for any necessary repairs.

Wind Rated Systems

Wind Uplift Chart

Eclipse Roof System

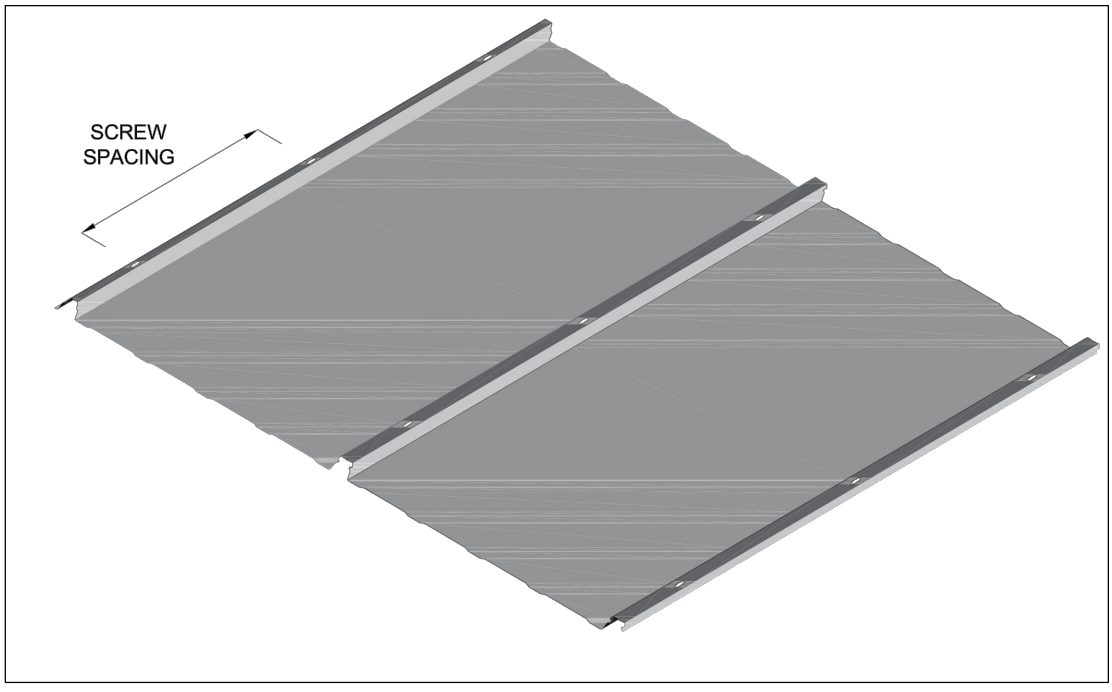
UL580/UL1897 Ultimate Uplift Capacity **

Screw Spacing (Inches)	Ultimate Capacity (psf)
24	60
19.2	110
16	144
12	185
10.7	199
9.6	210
8	227
6	247

** Minimum Assembly Requirements

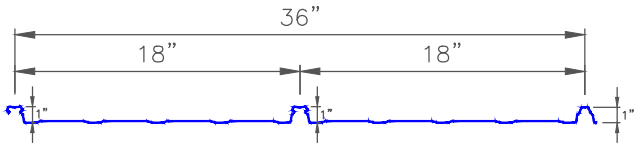
15/32" structural plywood fastened to 24" O.C. SPF Framing with 8d R.S. Nails @ 6" O.C.

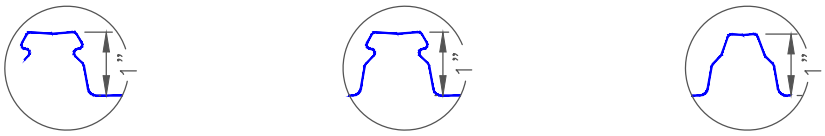
Fasten Eclipse panels to plywood with #10-12 x 2" HWHD scews w/ 0.49" seal washer



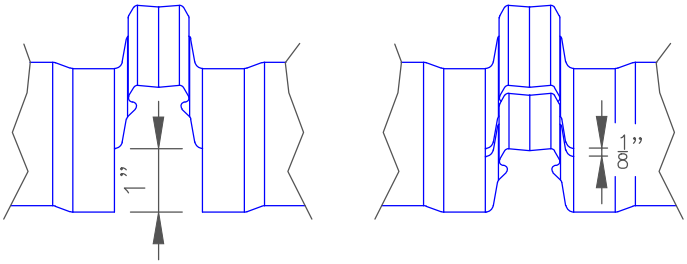
Parts Guide

ECLIPSE PRE–FORMED PANEL





LAPPING PANELS TOGETHER

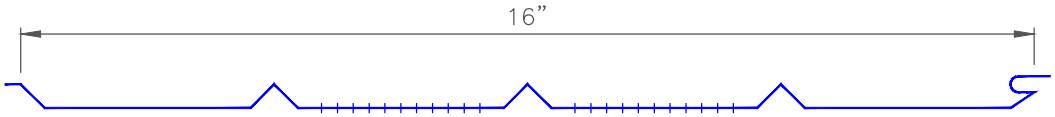


* MINIMUM LENGTH OF SLOT = 1/8”

* MINIMUM LENGTH OF PUNCH = 1”

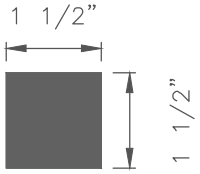
FACTORY PUNCHES LOCATED ON THE MAJOR RIBS, CAN LOCATE WHERE EVER NEEDED.

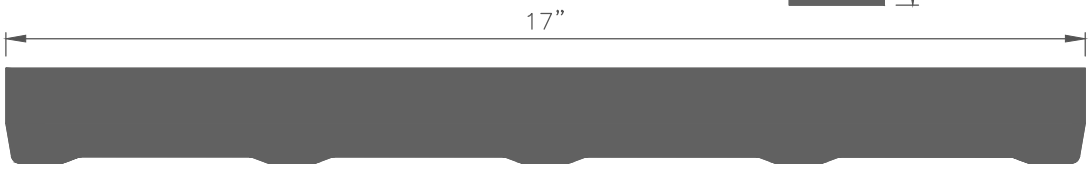
16” WIDE VENTED SOFFIT



• LENGTH: 11.75”, 23.75”, 37.75”, 47.75” & CUSTOM LENGTH UP TO 12’

ECLIPSE SOLID RUBBER CLOSURE (P/N: 068427)
(ADHESIVE ON BOTTOM)





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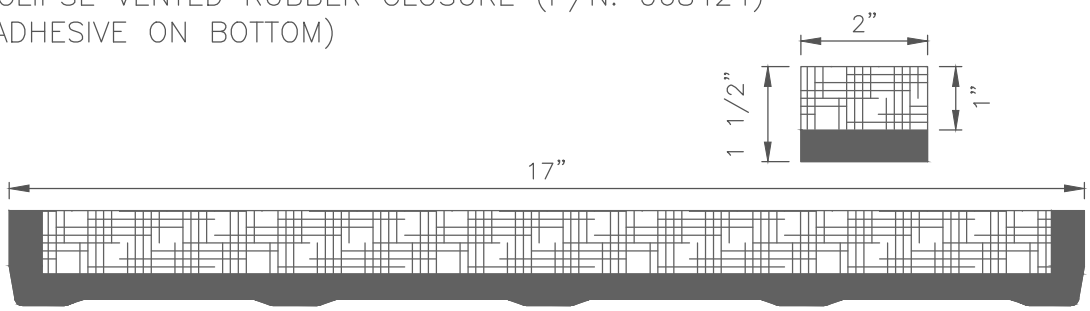
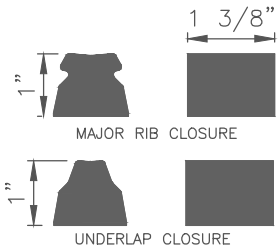
(ADHESIVE ON BOTTOM)

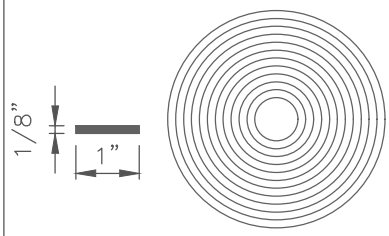


ECLIPSE SOLID RUBBER INSIDE CLOSURE (P/N: 068426)

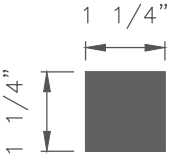


2”x15”x3/32” THICK BUTYL SEALANT TAPE (P/N: 021035)

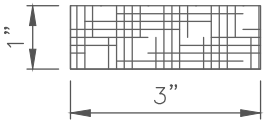
1/8”x1”x65’ PANLASTIC DOUBLE STICK TAPE ROLL (P/N: 098282)

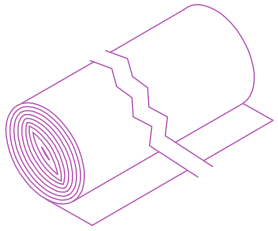
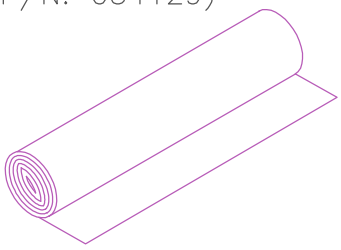
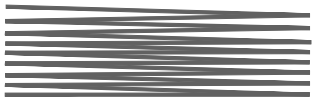
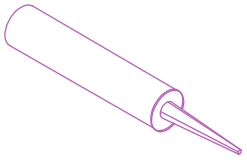
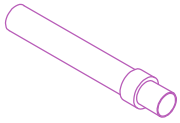
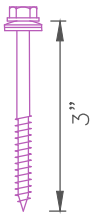
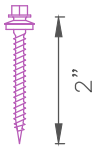
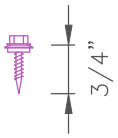
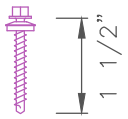
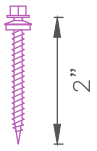
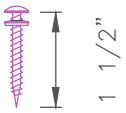
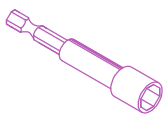


1.25”x1.25”x20’ PVC CLOSED CELL FOAM TAPE ROLL (P/N: 066074)



1”x3”x10’ FIBER FLEX-O-VENT CLOSURE ROLL (P/N: 086024)



40" WIDE DR!PSTOP FLEECE MOISTURE CONTROL APPLIED TO PANELS (P/N: 028710) 	3"x66.67' AGGREGATE FREE ICE GUARD (P/N: 034129) 	1/4"x4'x50' FANFOLD POLYSTYRENE R-1 INSULATION BOARD (P/N: 027989) 
10.3 FL OZ OF SILICON/ADHEISVE/SLNT (P/N: 098325-___)  NOTES: 19' PER TUBE AT 5/16" BEAD 15' PER TUBE AT 3/8" BEAD	COLOR TOUCH-UP PAINT PEN (P/N: 098095-___) 	SCR: 3" #14 HWH (P/N: 042004)  USE W/ OPEN PURLINS
SCR: 2" #10/12 HWH (P/N: 041073-ANY)  USE WITH DECKING	SCR: 3/4" #12 HWH (STITCH) (P/N: 042003-___)  	SCR: 1.5" #12 HWH (P/N: 041003-___) 
SCR: 2" #12 HWH (P/N: 041004-___)  	SCR: 1.5" #8 BUTTON (P/N: 042005-___)  	SCR: 5/16"x 2 9/16" LELAND MSTR DRIVE BIT (RED) (P/N: 042292) 

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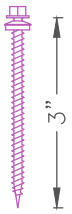

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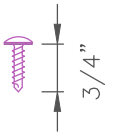
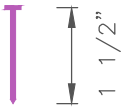
SFDR (P/N: 042278)

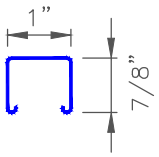


NAIL: 4D BOX
1.5"x.080" SMOOTH HDG
(P/N: 040071)

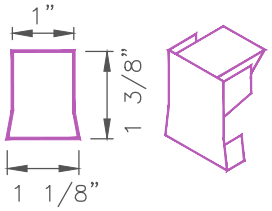


SCR: 3/16"x1/4"
S.S POP RIVET
(P/N: 042006-___)

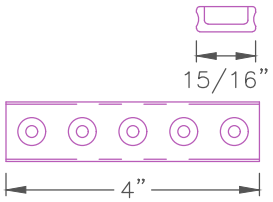
#400 ECLIPSE BATTEN



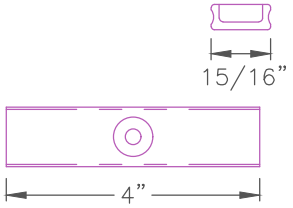
#406 ECLIPSE BATTEN
ENDCAP (P/N: 141406)



ANCHOR BLK RECEIVER
(PLYWOOD CONNECTION)
(P/N: 068406)

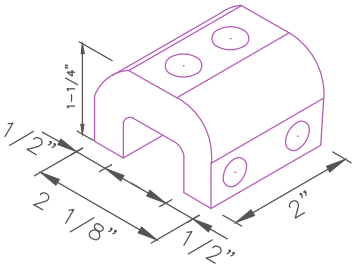


ANCHOR BLK RECEIVER
(PURLIN CONNECTION)
(P/N: 068402)

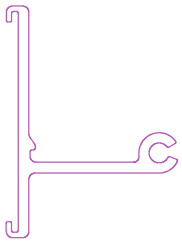


USE WITH OPEN PURLINS

ANCHOR BLOCK
(P/N: 068403)

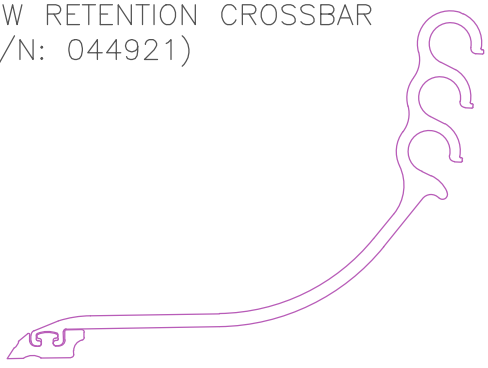


ECLIPSE SNOW
RETENTION CROSSBAR
(P/N: 044920)

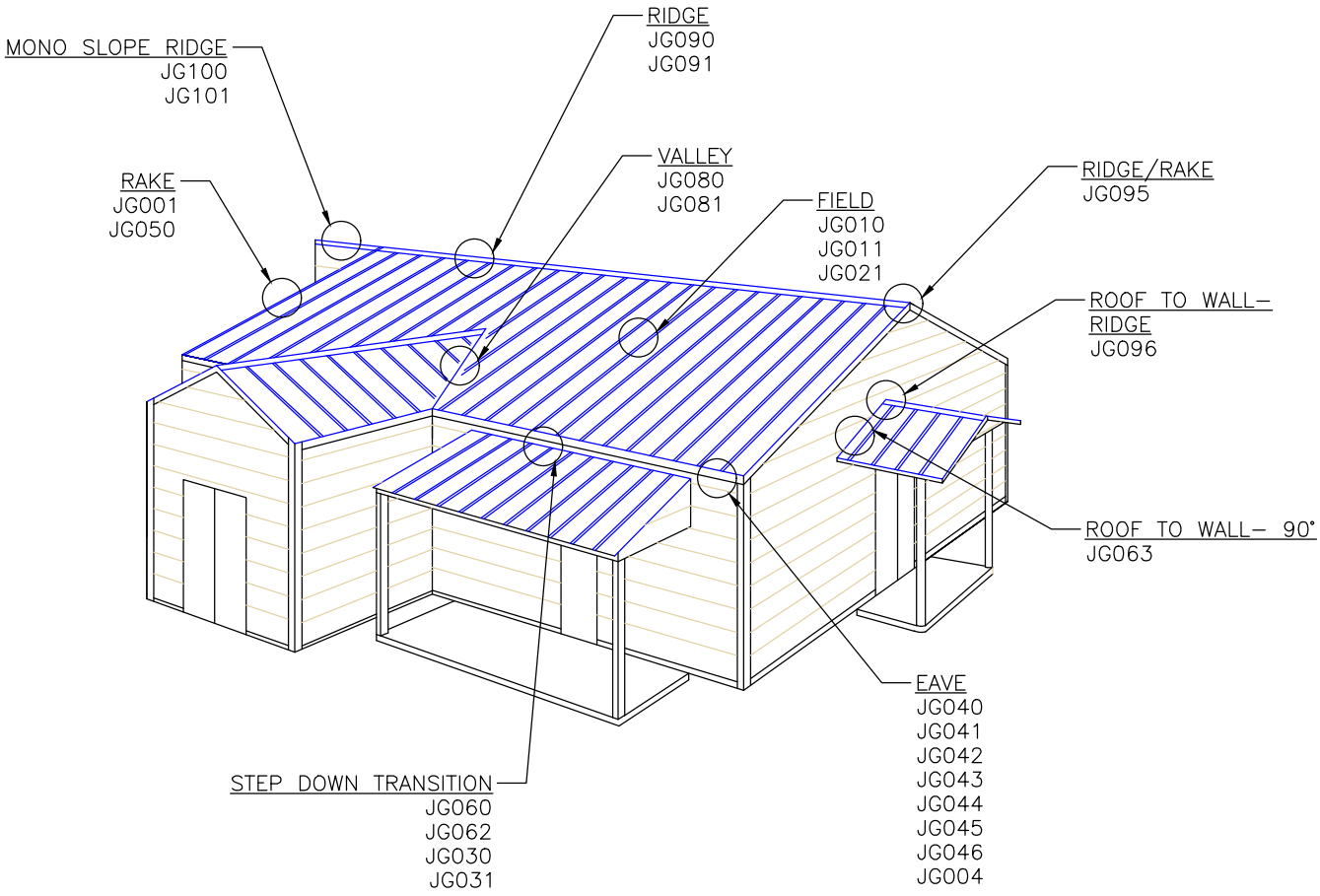


*LENGTH: 96"

ECLIPSE SNOW RETENTION CROSSBAR
ICE STOP (P/N: 044921)

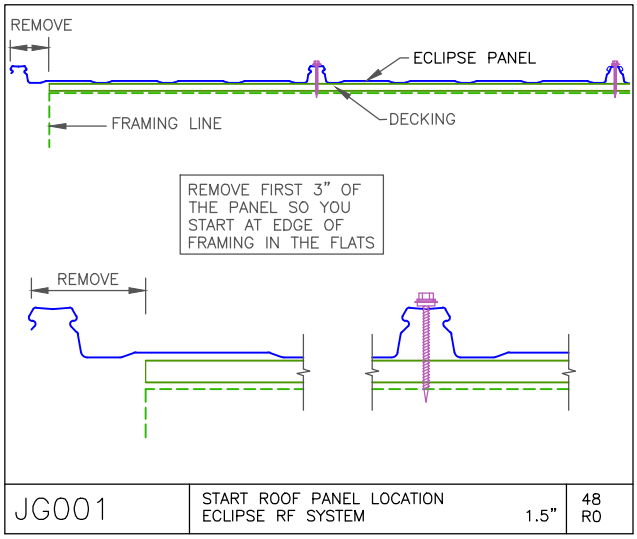


Eclipse Over Roof Deck

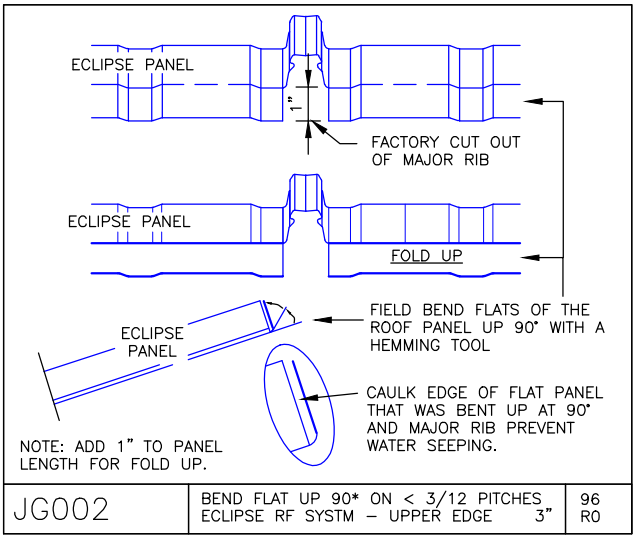


HIP DETAILS	SNOW RETENTION SYSTEM DETAILS
JG070–JG075	JG110, JG111

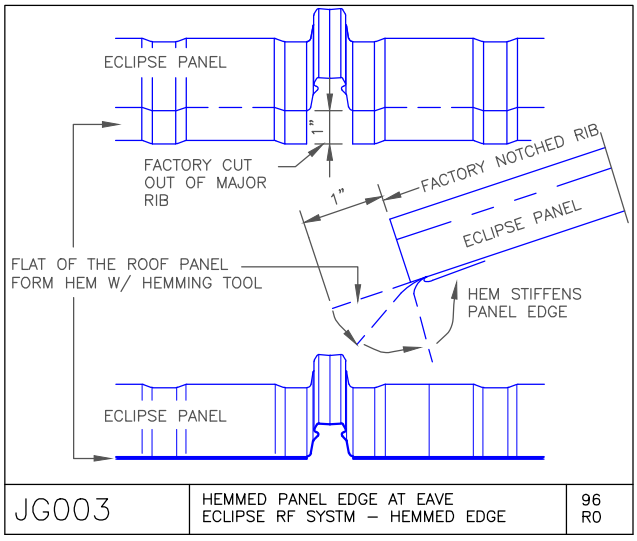
INDIVIDUAL TRIM INFORMATION IS LOCATED ON PAGES 52–59



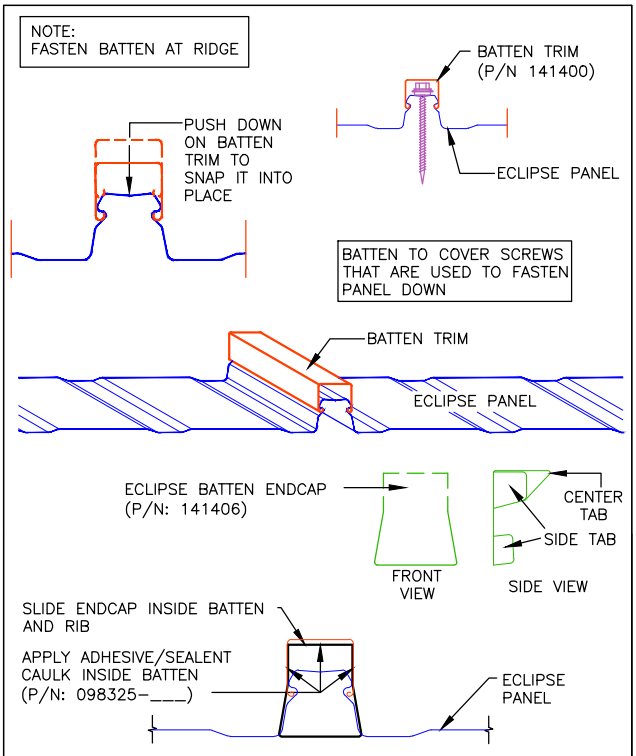
JG001	START ROOF PANEL LOCATION ECLIPSE RF SYSTEM 1.5"	48 R0



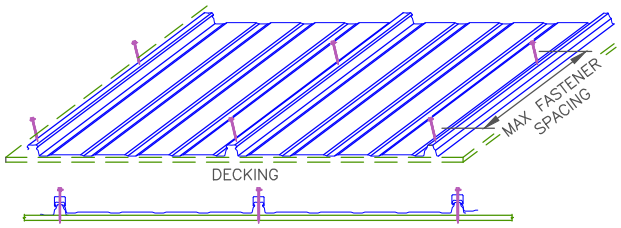
JG002	BEND FLAT UP 90* ON < 3/12 PITCHES ECLIPSE RF SYSTM – UPPER EDGE 3"	96 R0



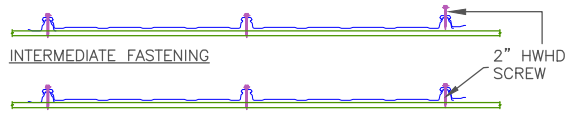
JG003	HEMMED PANEL EDGE AT EAVE ECLIPSE RF SYSTM – HEMMED EDGE	96 R0



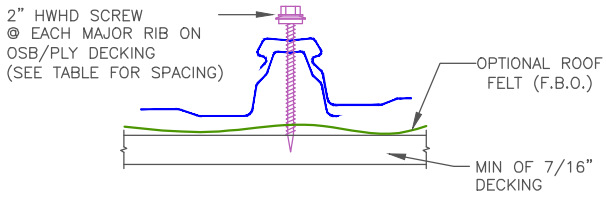
JG004	BATTEN & ENDCAP CONECTION ECLIPSE RF SYSTM 3"	96 R0



RIDGE FASTENING (INSTALL BATTENS THEN RIDGE TRIMS. FASTEN WITH 3" COLOR MATCH SCREW THRU RIDGE TRIMS AND THE BATTENS)



EAVE FASTENING (APPLY ADHESIVE/SEALANT AT EAVE PRIOR TO FASTENING PANEL DOWN)

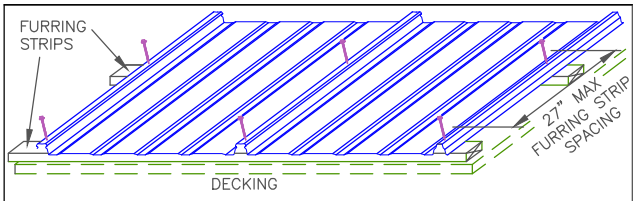


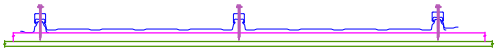
DECKING THICKNESS	MAX SPACING
15/32" PLYWOOD	20" O.C.
19/32" PLYWOOD	24" O.C.
23/32" PLYWOOD	24" O.C.

APPLICATION OF ECLIPSE PANELS TO DECKING

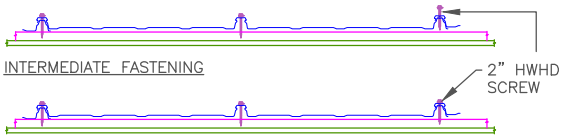
USE 2" HWH EPDM AT MAJOR "RIB" OF PANEL. (P/N: 041073–ANY) (SCREWS CAN BE ANY COLOR SINCE THEY ARE COVERED WITH THE BATTEN)

JG010	SCREW. FASTENING PATTERN TO DECK ECLIPSE RF SYSTEM 1"	32 R0





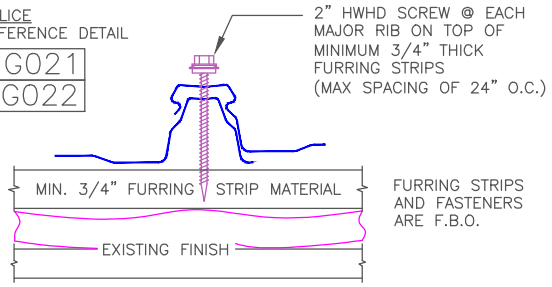
RIDGE FASTENING (INSTALL BATTENS THEN RIDGE TRIMS. FASTEN WITH 3" COLOR MATCH SCREW THRU RIDGE TRIMS AND THE BATTENS)



EAVE FASTENING (APPLY ADHESIVE/SEALANT AT EAVE PRIOR TO FASTENING PANEL DOWN)

SPLICE REFERENCE DETAIL

JG021
JG022

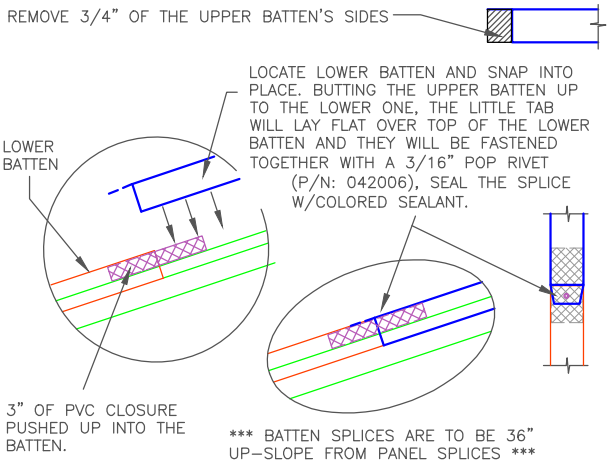


APPLICATION OF ECLIPSE PANELS FURRING STRIPS

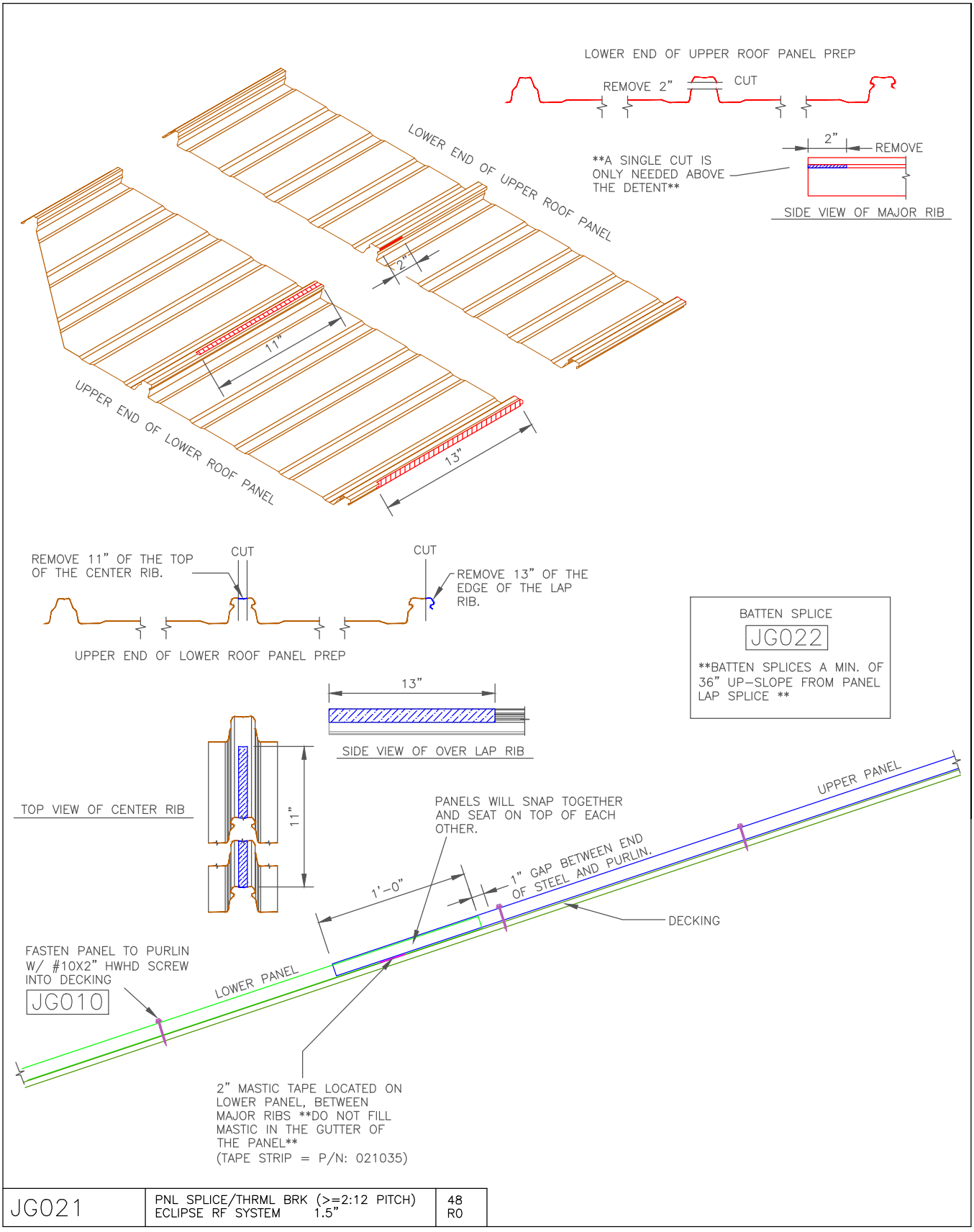
USE 2" HWH EPDM AT MAJOR "RIB" OF PANEL (P/N: 041073)

FURRING STRIPS AND FASTENERS ARE FASTENED TO NON–STRUCTURAL FINISH. FURRING STRIPS AND FASTENERS F.B.O.

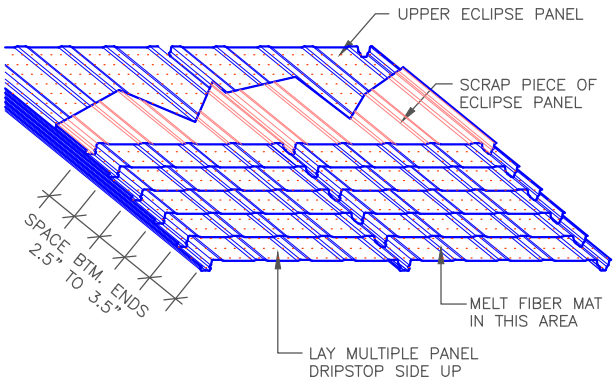
JG011	SCR. FASTNG PATTERN TO FURRNG STRIPS ECLIPSE RF SYSTM	32 R0



JG022	ECLIPSE BATTEN SPLICE CONNECTION ECLIPSE RF SYSTEM	96 R0



JG021	PNL SPLICE/THRML BRK (>=2:12 PITCH) ECLIPSE RF SYSTEM 1.5"	48 R0

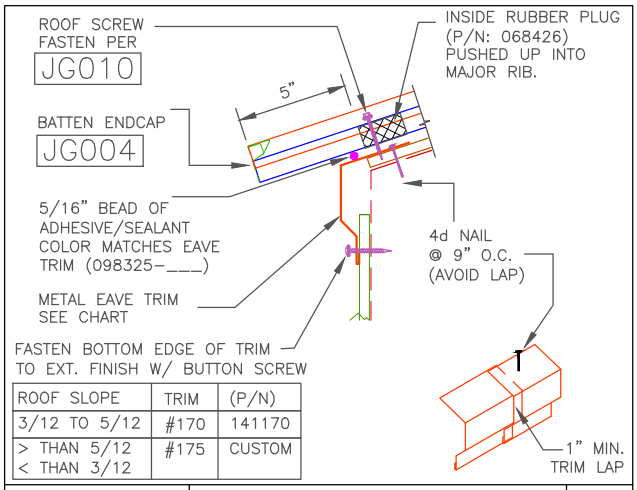


APPLICATION OF MELTING DRIPSTOP ON ECLIPSE PANELS (MELT MULTIPLE PANELS AT ONE TIME)

* PREPARE PANELS BY LAYING MULTIPLE ECLIPSE PANELS DRIPSTOP SIDE UP. REMEMBER TO LAY THEM IN A WAY TO NOT TO SCRATCH THE PAINTED SIDE.
* SPACE THE BOTTOM END OF EACH PANEL 2.5 TO 3.5 IN. APART FROM THE BOTTOM END OF THE LOWER PANEL.
* USE SCRAP PIECE OF ECP ON TOP OF THE UPPER PANEL.
* USE ELECTRICAL/GAS HEATER CCA. 650° C. AND MELT THE BOTTOM END OF ALL PANELS SUCH THAT THE FIBER MAT CONSOLIDATES AND THE PORES ARE ELIMINATED. THE FIBER MAT MELTS WITHIN SECONDS.

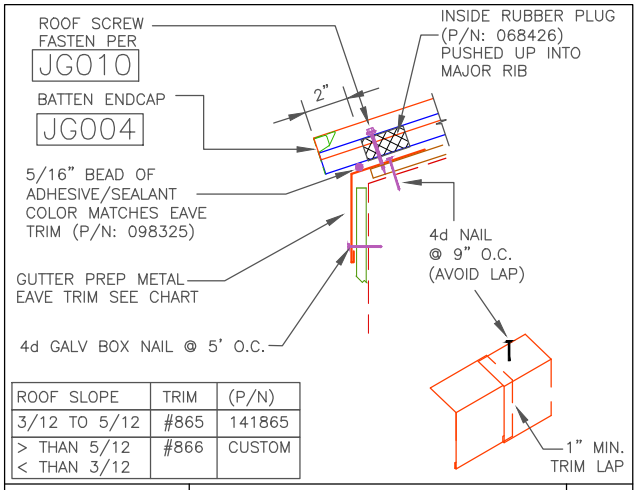
THE FIBER MAT OF DRIPSTOP CAN WICK WATER UP THE UNDERSIDE OF THE PANEL ANY TIME THE EDGE OF THE PANEL IS EXPOSED TO LIQUID WATER. THIS OCCURES AT THE EAVE AND AT THE END LAP SPLICES. MELTING THE FIBER MAT ELIMINATES THE SMALL PORES THAT ALLOW WATER TO BE PULLED INTO THE MATERIAL.

JG012	DRIPSTOP MELTING APPLICATION – ROOF ECLIPSE RF SYSTEM 1/2"	16 R0



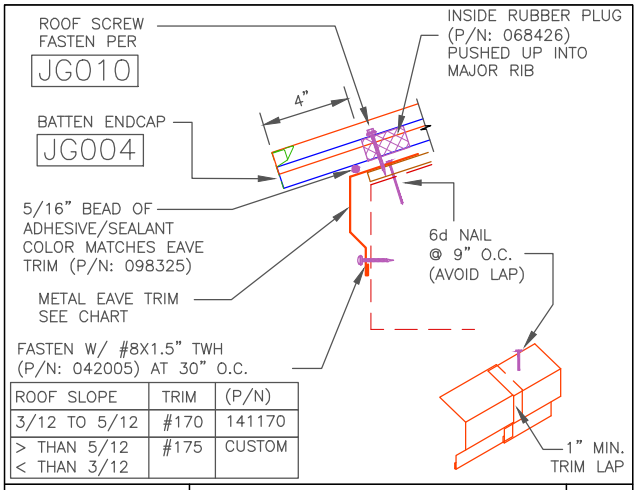
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#170	141170
> THAN 5/12 < THAN 3/12	#175	CUSTOM

JG040	NO OVERHANG – STD EAVE CONDITION ECLIPSE RF SYSTEM 3"	64 R0



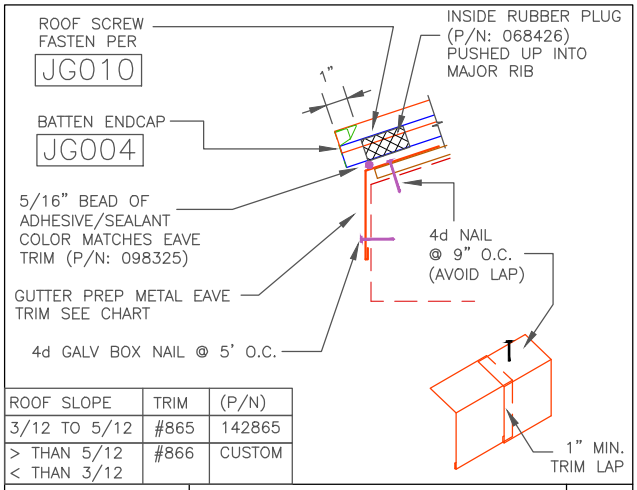
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#865	141865
> THAN 5/12 < THAN 3/12	#866	CUSTOM

JG041	NO OVERHANG – PREP FOR GUTTER COND. ECLIPSE RF SYSTEM 3"	64 R0



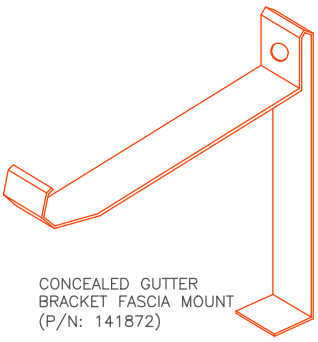
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#170	141170
> THAN 5/12 < THAN 3/12	#175	CUSTOM

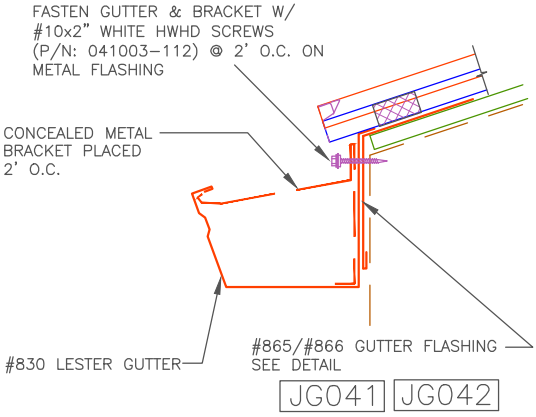
JG042	OVERHANG – STD EAVE CONDITION ECLIPSE RF SYSTEM 3"	64 R0



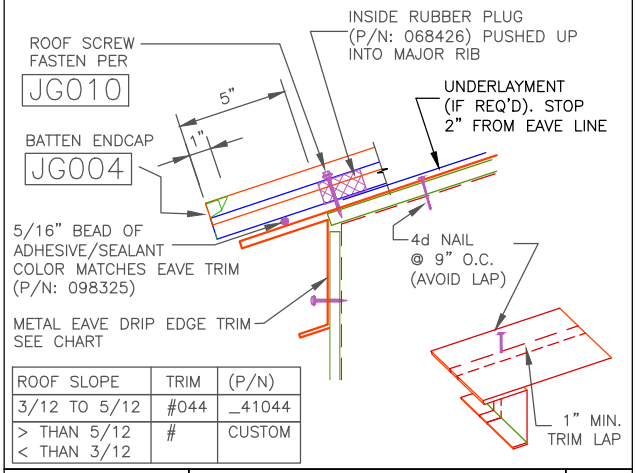
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#865	142865
> THAN 5/12 < THAN 3/12	#866	CUSTOM

JG043	OVERHANG – PREP FOR GUTTER COND. ECLIPSE RF SYSTEM 3"	64 R0



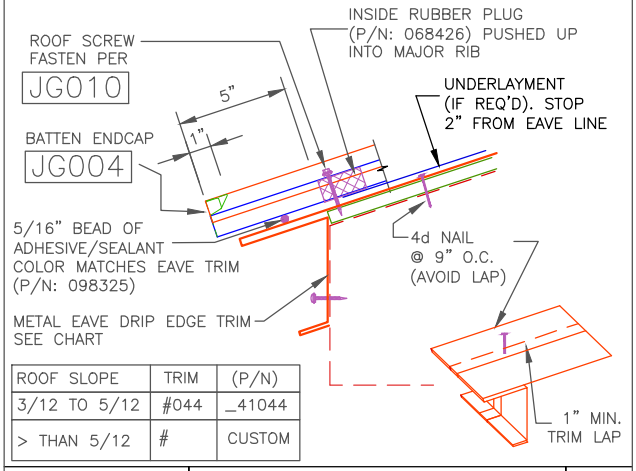


JG044	GUTTER W/ BRACKET AT EAVE ECLIPSE RF SYSTEM	96 R0



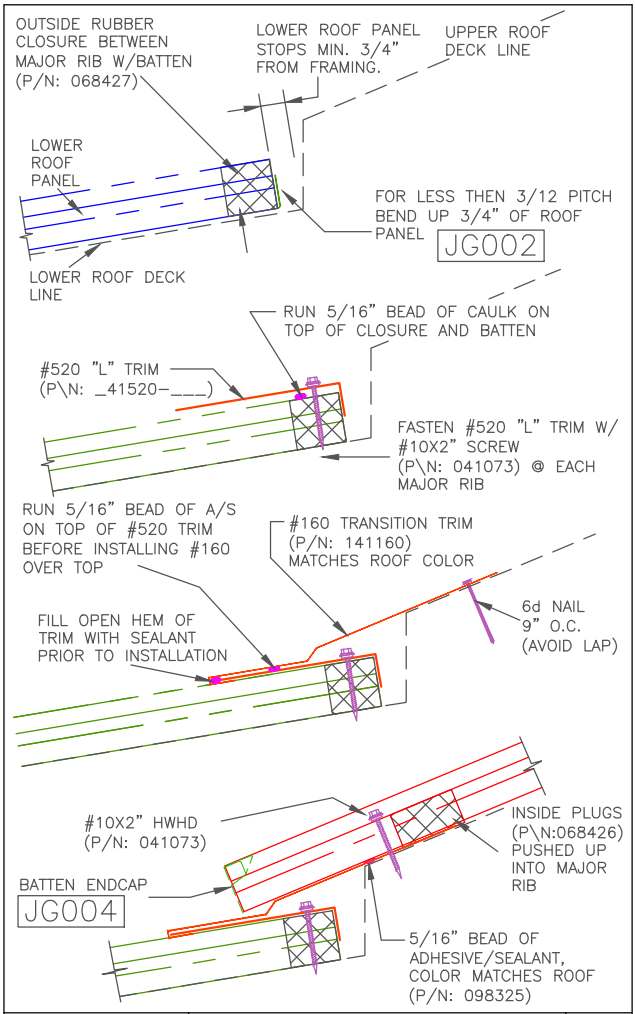
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#044	_41044
> THAN 5/12 < THAN 3/12	#	CUSTOM

JG045	NO OVERHANG – DRIP EDGE EAVE COND. ECLIPSE RF SYSTEM 3"	64 R0

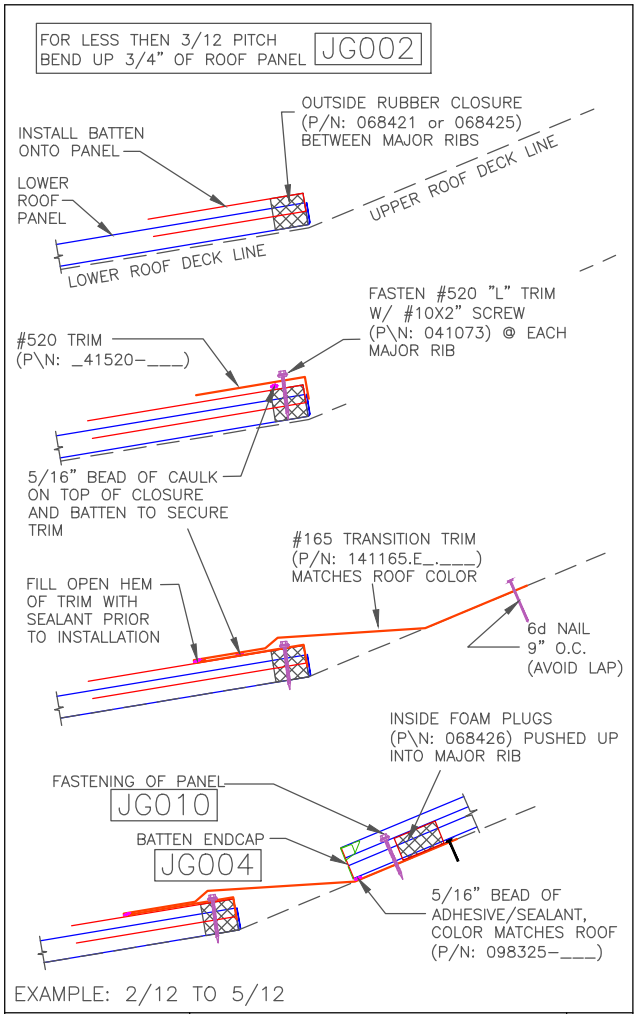


ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#044	_41044
> THAN 5/12	#	CUSTOM

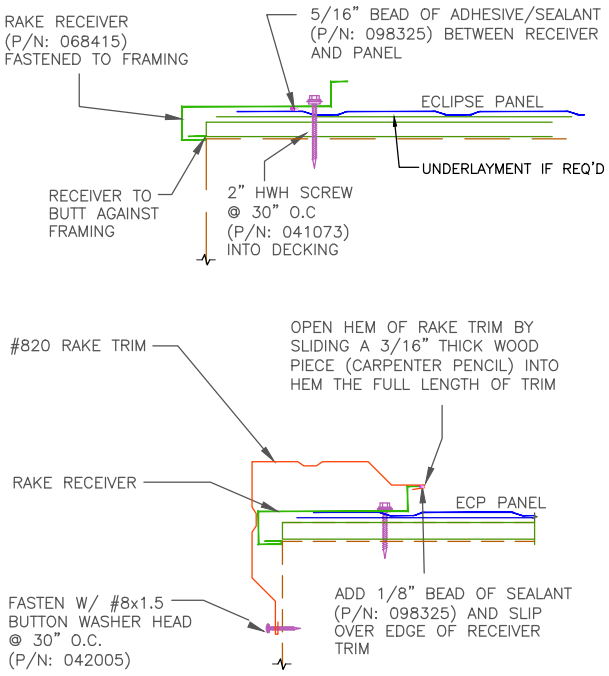
JG046	OVERHANG – DRIP EDGE EAVE COND. ECLIPSE RF SYSTEM 3"	64 R0



JG030	SLOPE TRANSITION (SMALL STEP DOWN) ECLIPES RF SYSTEM	96 R0

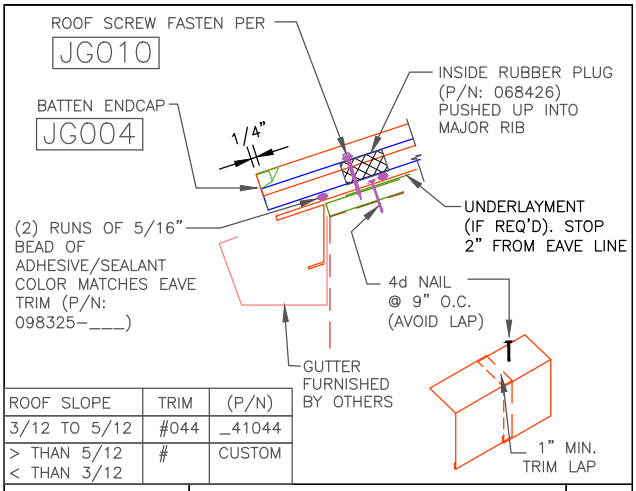


JG031	SLOPE TRANSITION – NO STEP ECLIPSE RF SYSTM (>=3/12 PTCH DFRNC)	64 R0



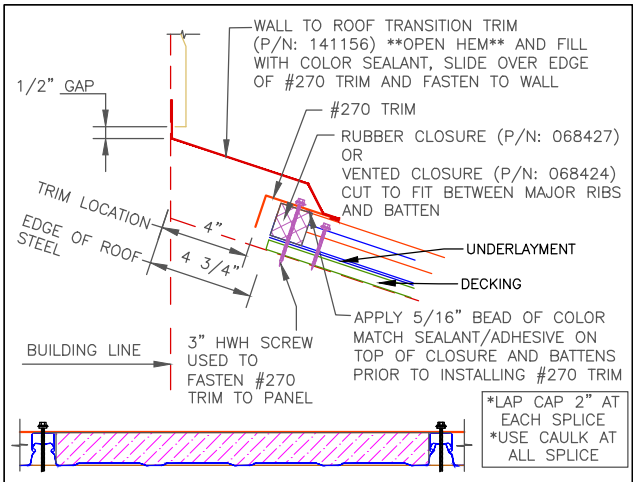
BEND TOP OF RAKE TRIM DOWN TO COVER OPEN END AT THE EAVE AND CAULK EDGES

JG050	RAKE TRIM & RECEIVER – END CONDITION ECLIPSE RF SYSTEM 3"	96 R0



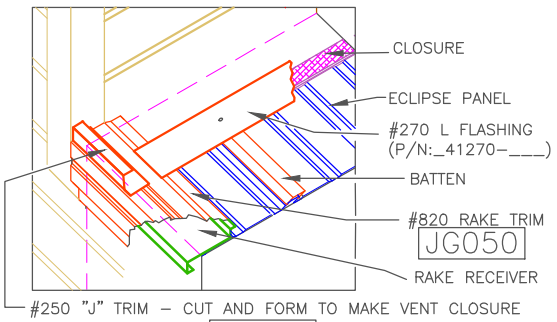
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#044	_41044
> THAN 5/12 < THAN 3/12	#	CUSTOM

JG047	EAVE – PREP FOR GUTTER F.B.O. ECLIPSE RF SYSTEM 3"	64 R0



JG060	ROOF TO WALL TRANS. TRIM (LARGE) ECLIPSE RF SYSTEM	64 R0

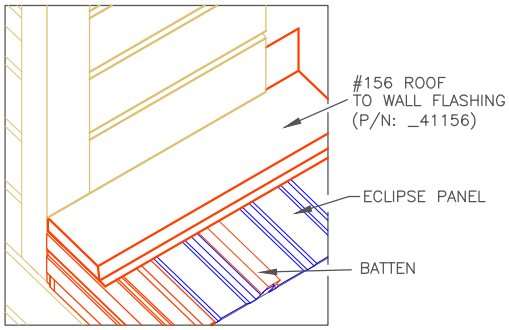
SHOWN W/OUT ROOF TO WALL TRANSITION



#250 "J" TRIM – CUT AND FORM TO MAKE VENT CLOSURE JG095

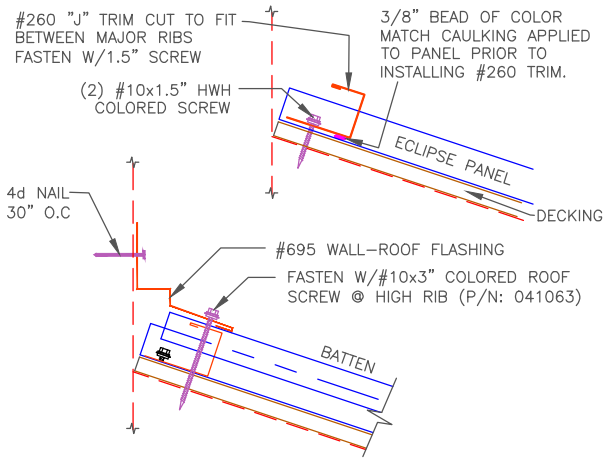
HOLD #250 TRIM BACK 1/4" FROM RAKE TRIM EDGE AND FASTEN WITH (2) 3" SCREWS THRU LONG LEG OF TRIM TO THE RAKE TRIM. PUT CAULK ON BENT BACK FLAPS.

SHOWN WITH ROOF TO WALL TRANSITION IN PLACE



LOCATE WALL TO ROOF TRANSITION TRIM PER DETAIL JG060

JG061	GABLE CLOSURE – ROOF TO WALL TRANS. ECLIPSE RF SYSTEM 1"	32 R0

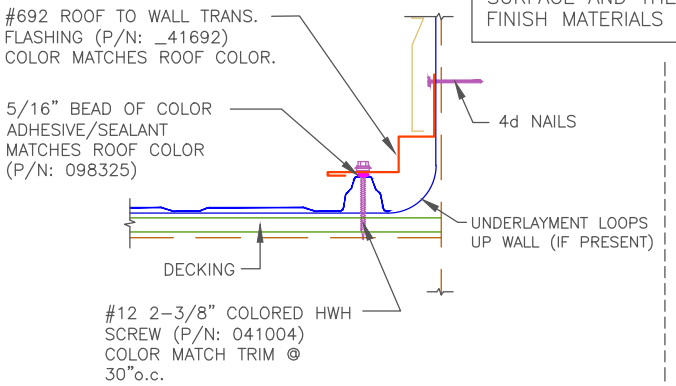


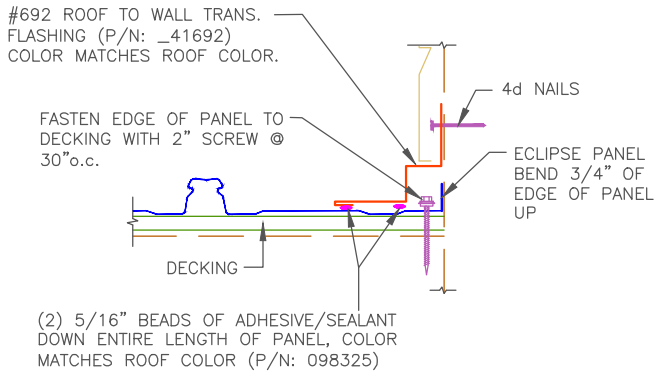
JG062	ROOF TO WALL TRANS. TRIM (SMALL) ECLIPSE RF SYSTEM 3"	96 R0

PREFERRED

NOTE:
PROVIDE A MINIMUM GAP OF 1/8" BETWEEN ANY HORIZONTAL SURFACE AND THE BOTTOM OF THE FINISH MATERIALS

ALTERNATE

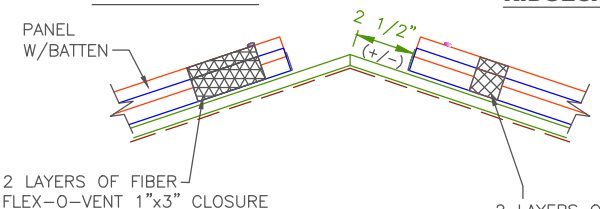




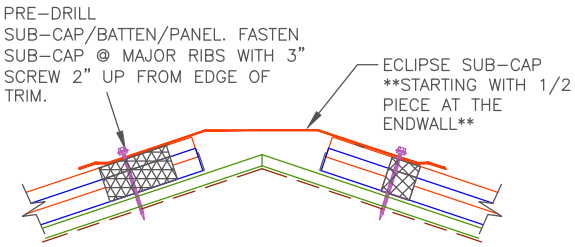
JG063	ROOF TO WALL TRANSITION (90 DEG) ECLIPSE RF SYSTEM 3"	96 R0

CONTINUOUS VENTED HIP RIDGECAP

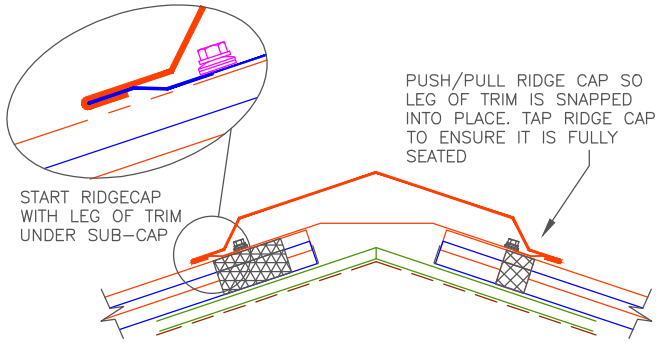
NON-VENTED HIP RIDGECAP



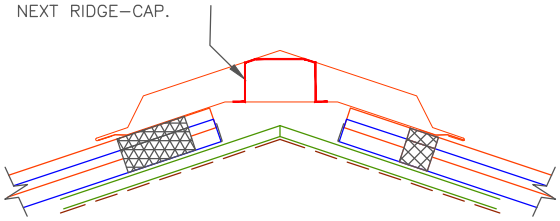
FOR LESS THEN 3/12 PITCH BEND UP 3/4" OF ROOF METAL CAULK CORNERS PRIOR TO INSTALLING RIDGECAP JG002



SPLICE SUB-CAPS AT MAJOR RIB



ONCE CAP IS FULLY SEATED ON THE SUB-CAP THEN SLIDE THE RIDGE STIFFENER INTO AREA BETWEEN RIDGE CAP AND SUB CAP-TO PREVENT THE RIDGE CAP FROM FLEXING. WILL HAVE TO INSTALL AFTER EACH RIDGE CAP AND WILL WANT TO KEEP BACK ABOUT 4-5" FROM EDGE. SO YOU CAN LAP NEXT RIDGE-CAP.



WHEN SPLICING THE RIDGE CAP YOU WILL NEED OPEN THE HEM UP ABOUT 5" BACK FROM EDGE AND MAKE A CUT. BY DOING THIS THEN YOU CAN CAPTURE THE SUB-CAP, ALREADY INSTALLED RIDGE CAP AND NEXT PIECE OF RIDGE CAP ALL IN THE SAME LOCATION THEN CRIMP THE HEM BACK SHUT SHOULD HAVE A TIGHT FIT.

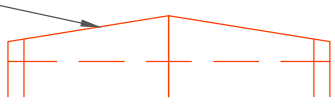
TRIM NAME	ROOF SLOPE	TRIM #	P/N	LENGTH
RIDGECAP	4/12	#031 TRIM	241031.E_.	122"
	VAR. PITCH	#032 TRIM	CUSTOM	122"
SUB-CAP	4/12	#033 TRIM	241033	122"
	VAR. PITCH	#034 TRIM	CUSTOM	122"
STIFFENER	4/12	#037 TRIM	241037-ANY	96"
	VAR. PITCH	#038 TRIM	CUSTOM	96"

USE CAULK AT ALL SPLICES (P/N: 098325-___)

ALL SPLICES TO BE 4" AND STAGGERED BETWEEN SUB-CAP AND RIDGECAP

FIELD VERIFY THAT RIDGE CAP FITS TIGHT

TRIM RIDGE CAP CORNERS @ BOTH ENDS OF BUILDING

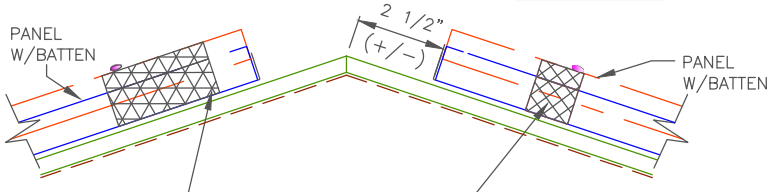


JG070	LARGE HIP-CAP COND. (CONCEALED) ECLIPSE RF SYSTEM	64 R0

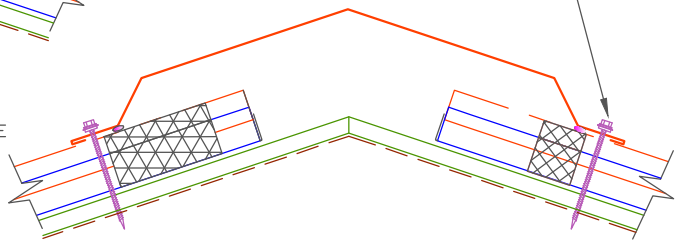
CONTINUOUS VENTED HIP RIDGECAP

NON-VENTED HIP RIDGECAP

NOTE: SEE FLOOR PLAN FOR RIDGE & CLOSURES CONDITION. HIP RIDGECAP CONDITION TO MATCH MAIN BLDG.

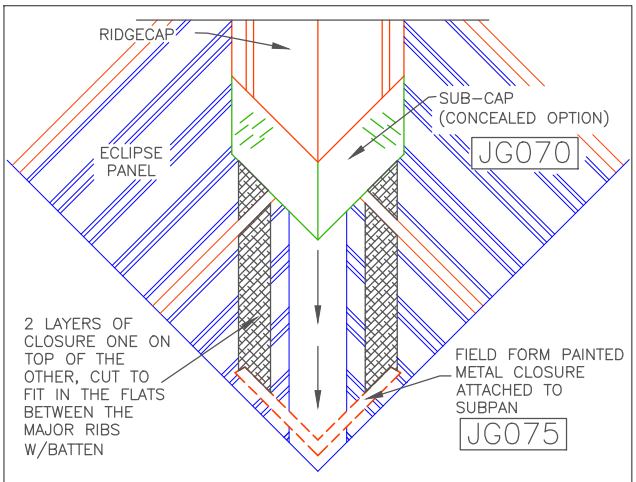


FASTEN RIDGECAP AT BATTENS WITH 3" COLOR FASTENER.

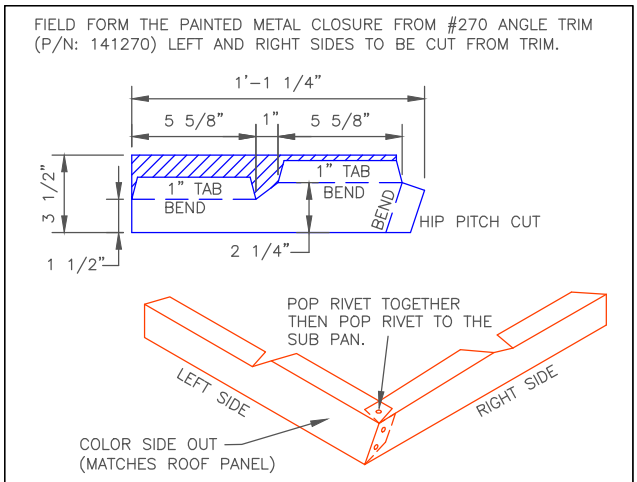


TRIM NAME	ROOF SLOPE	TRIM #	P/N
RIDGECAP	4/12	#152 TRIM	_41152
	VAR. PITCH	#153 TRIM	CUSTOM
USE CAULK AT ALL SPLICES (P/N: 098325-___)			

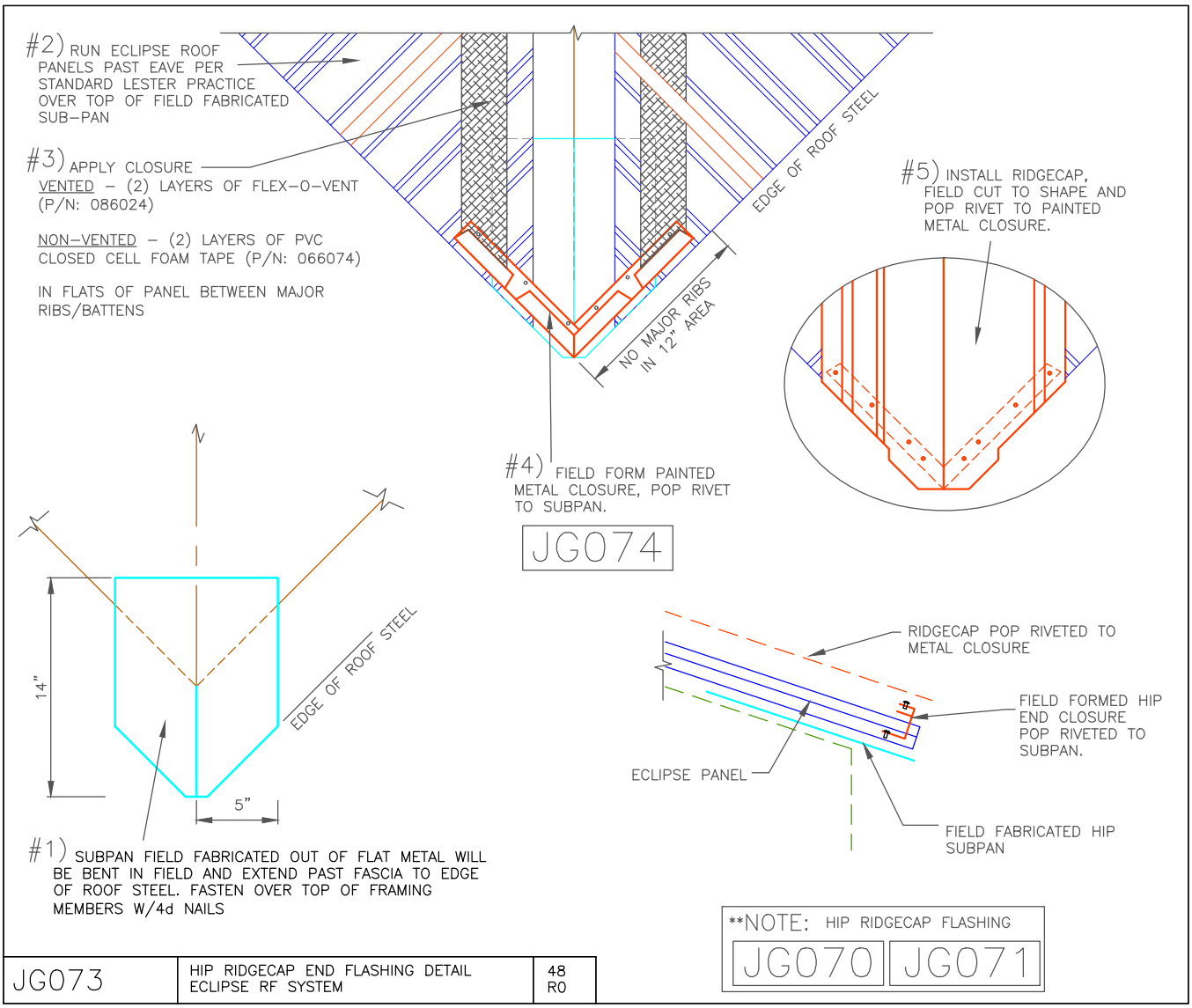
JG071	LARGE HIP-CAP COND. (EXPOSED) ECLIPSE RF SYSTEM	96 R0



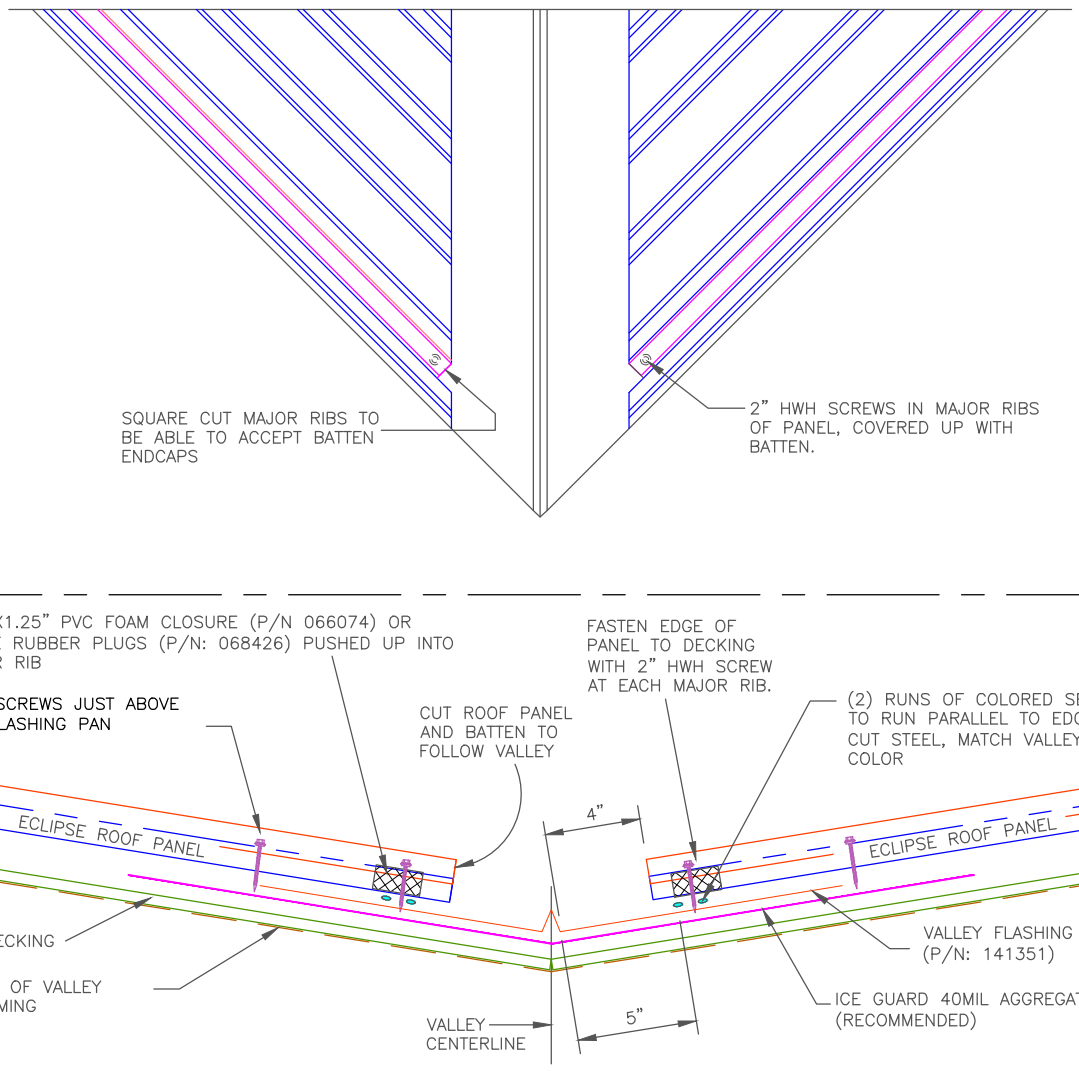
JG072	LARGE HIP-CAP W/ ENDCAP TRIM ECLIPSE RF SYSTEM	32 R0



JG074	FIELD FORMED PAINTED MTL CLOSURE ECLIPSE RF SYSTEM (END OF HIP COND.)	64 R0

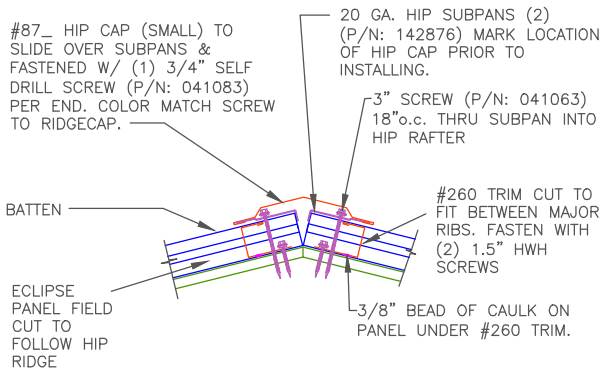


JG073	HIP RIDGECAP END FLASHING DETAIL ECLIPSE RF SYSTEM	48 R0



JG080	ECLIPSE VALLEY FLASHING ECLIPSE RF SYSTEM	64 R0

FLASHING LAYOUT



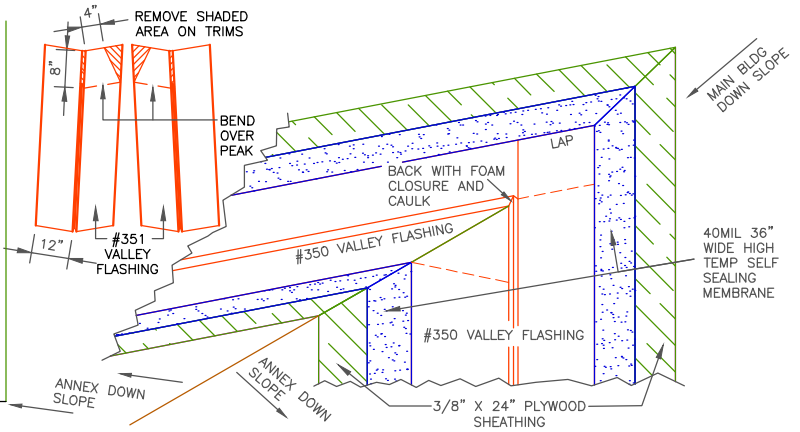
JG075	SMALL HIP CONDITION (CONCEALED) ECLIPSE RF SYSTEM 3"	64 R0

STEP 1

1. FIELD CUT FIRST PIECE OF VALLEY FLASHING TO FIT AT THE VALLEY TRANSITION. ALLOW TOP LEG OF THE FLASHING TO EXTEND PAST THE RIDGE BY 8". WRAP 8" BOTTOM LEG AROUND THE PEAK.

2. FIELD CUT THE SECOND PIECE OF VALLEY FLASHING TO FIT AT THE VALLEY TRANSITION. EXTEND THE TOP LEG OF THE FLASHING PAST THE RIDGE BY 8" ON TOP OF FIRST VALLEY TRIM. WRAP 8" BOTTOM LEG AROUND PEAK ON TOP OF FIRST VALLEY TRIM.

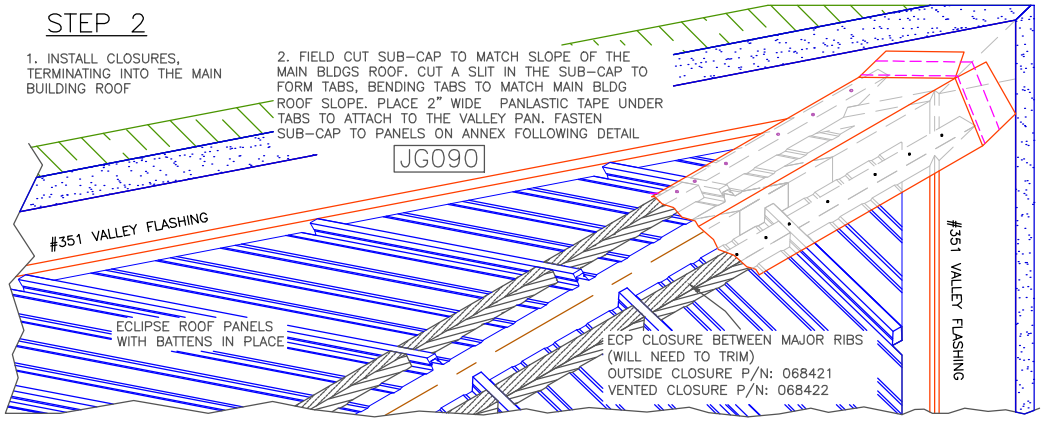
3. APPLY A 1" WIDE BEAD OF CAULK (#098270) BETWEEN THE TWO PIECES OF VALLEY FLASHING WERE THEY LAP TO SEAL THEM TOGETHER.



STEP 2

1. INSTALL CLOSURES, TERMINATING INTO THE MAIN BUILDING ROOF

2. FIELD CUT SUB-CAP TO MATCH SLOPE OF THE MAIN BLDGS ROOF. CUT A SLIT IN THE SUB-CAP TO FORM TABS, BENDING TABS TO MATCH MAIN BLDG ROOF SLOPE. PLACE 2" WIDE PANLASTIC TAPE UNDER TABS TO ATTACH TO THE VALLEY PAN. FASTEN SUB-CAP TO PANELS ON ANNEX FOLLOWING DETAIL JG090

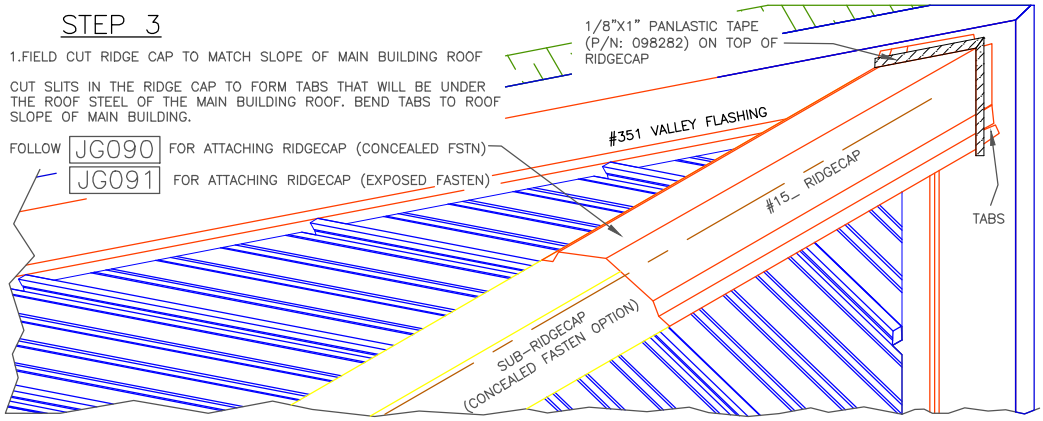


STEP 3

1.FIELD CUT RIDGE CAP TO MATCH SLOPE OF MAIN BUILDING ROOF

CUT SLITS IN THE RIDGE CAP TO FORM TABS THAT WILL BE UNDER THE ROOF STEEL OF THE MAIN BUILDING ROOF. BEND TABS TO ROOF SLOPE OF MAIN BUILDING.

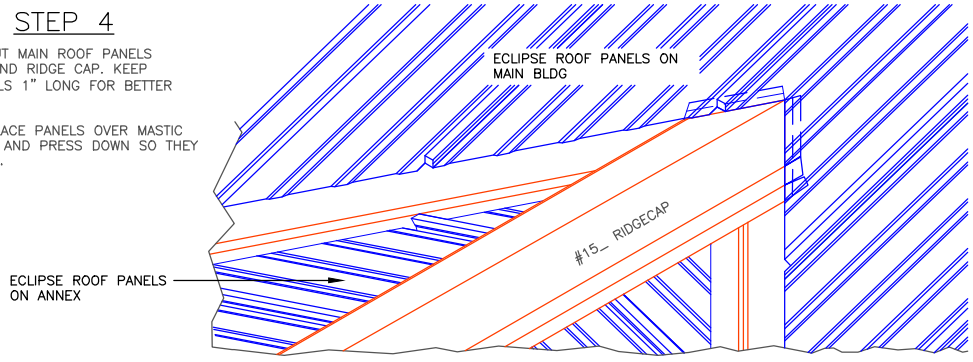
FOLLOW JG090 FOR ATTACHING RIDGECAP (CONCEALED FSTN)
JG091 FOR ATTACHING RIDGECAP (EXPOSED FASTEN)



STEP 4

1. CUT MAIN ROOF PANELS AROUND RIDGE CAP. KEEP PANELS 1" LONG FOR BETTER LAP.

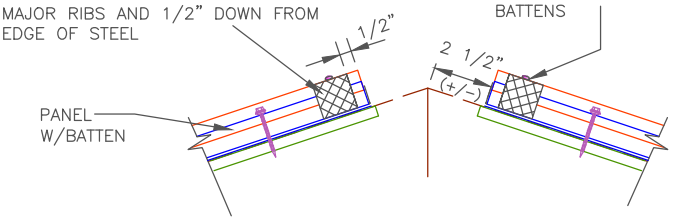
2. PLACE PANELS OVER MASTIC TAPE AND PRESS DOWN SO THEY STICK.



JG081	VALLEY FLASHING INSTALLATION W/ECLIPSE ECLIPSE RF SYSTEM 1"	32 R0

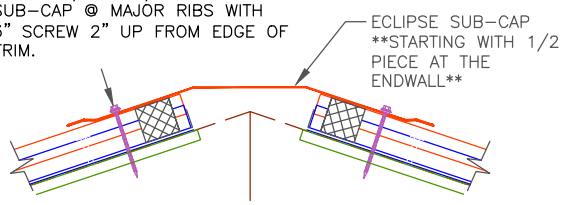
OUTSIDE RUBBER CLOSURE (P/N: 068427)
OR
VENTED CLOSURE (P/N: 068424)
LOCATE CLOSURE STRIPS BETWEEN MAJOR RIBS AND 1/2" DOWN FROM EDGE OF STEEL

APPLY A 5/16" BEAD OF COLOR MATCH SEALANT/ADHESIVE ON TOP OF CLOSURE AND BATTENS

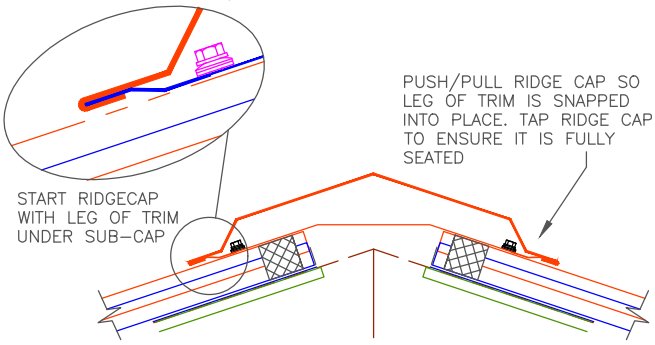


FOR LESS THEN 3/12 PITCH BEND UP 3/4" OF ROOF METAL CAULK CORNERS PRIOR TO INSTALLING RIDGECAP JG002

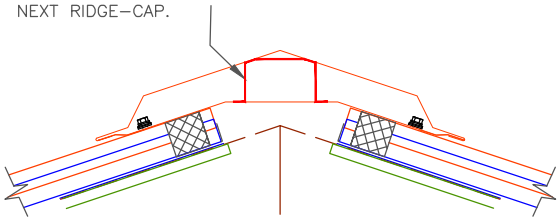
PRE-DRILL SUB-CAP/BATTEN/PANEL. FASTEN SUB-CAP @ MAJOR RIBS WITH 3" SCREW 2" UP FROM EDGE OF TRIM.



SPLICE SUB-CAPS AT MAJOR RIB



ONCE CAP IS FULLY SEATED ON THE SUB-CAP THEN SLIDE THE RIDGE STIFFENER INTO AREA BETWEEN RIDGE CAP AND SUB CAP-TO PREVENT THE RIDGE CAP FROM FLEXING. WILL HAVE TO INSTALL AFTER EACH RIDGE CAP AND WILL WANT TO KEEP BACK ABOUT 4-5" FROM EDGE. SO YOU CAN LAP NEXT RIDGE-CAP.



WHEN SPLICING THE RIDGE CAP YOU WILL NEED OPEN THE HEM UP ABOUT 5" BACK FROM EDGE AND MAKE A CUT. BY DOING THIS THEN YOU CAN CAPTURE THE SUB-CAP, ALREADY INSTALLED RIDGE CAP AND NEXT PIECE OF RIDGE CAP ALL IN THE SAME LOCATION THEN CRIMP THE HEM BACK SHUT SHOULD HAVE A TIGHT FIT.

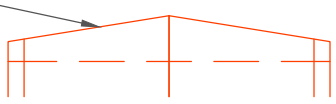
TRIM NAME	ROOF SLOPE	TRIM #	P/N	LENGTH
RIDGECAP	4/12	#031 TRIM	241031.E_.	122"
	VAR. PITCH	#032 TRIM	CUSTOM	122"
SUB-CAP	4/12	#033 TRIM	241033	122"
	VAR. PITCH	#034 TRIM	CUSTOM	122"
STIFFENER	4/12	#037 TRIM	241037-ANY	96"
	VAR. PITCH	#038 TRIM	CUSTOM	96"

USE CAULK AT ALL SPLICES (P/N: 098325-____)

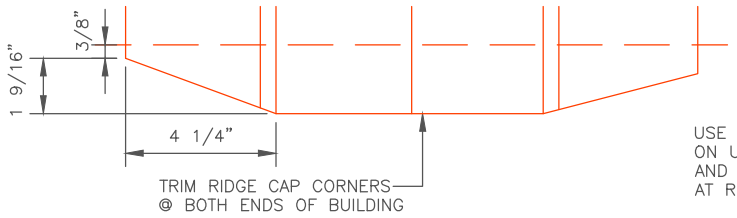
ALL SPLICES TO BE 4" AND STAGGERED BETWEEN SUB-CAP AND RIDGECAP

FIELD VERIFY THAT RIDGE CAP FITS TIGHT

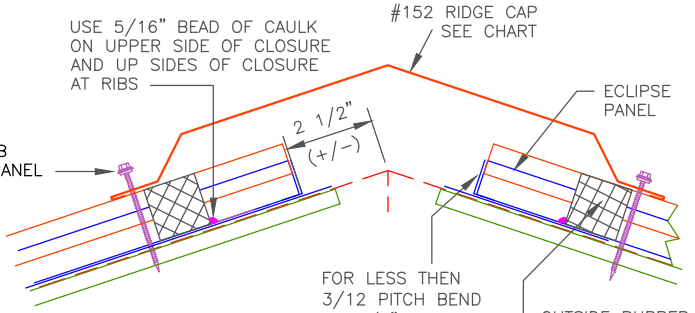
TRIM RIDGE CAP CORNERS @ BOTH ENDS OF BUILDING

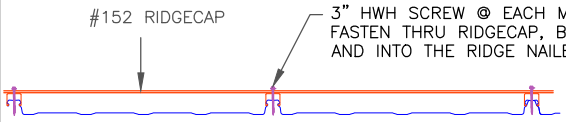


JG090	RIDGECAP & SUB-RIDGCAP CONNECTION ECLIPSE RF SYSTEM	64 R0



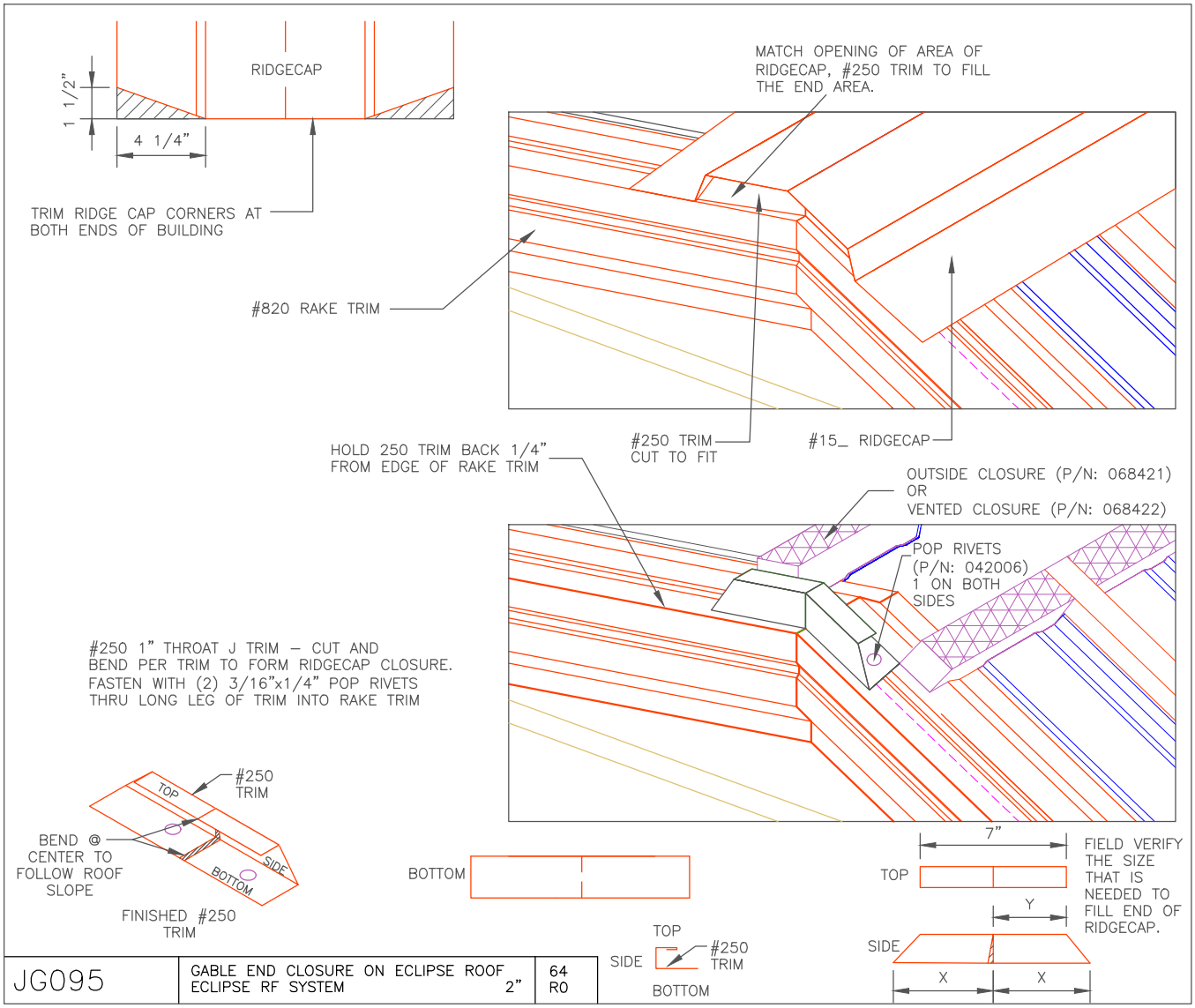
USE CAULK AT ALL SPLICES (P/N: 098320)
LAP RIDGECAP 5" AT ALL SPLICES



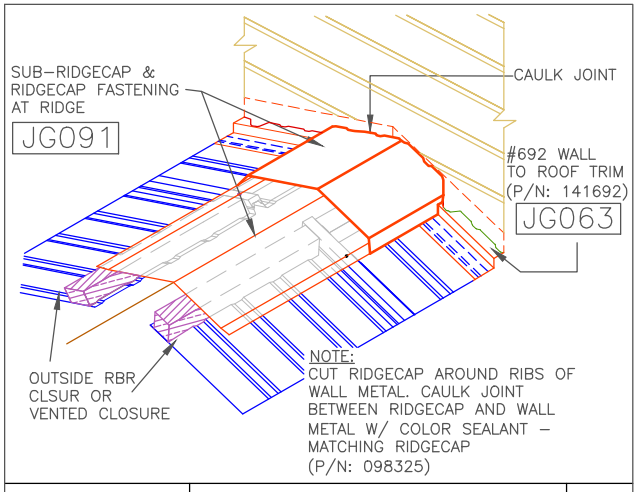


ROOF SLOPE	TRIM	P/N	LENGTH
3/12 TO 5/12	#152 TRIM	241036.E_.	112"
> THAN 5/12 < THAN 3/12	#153 TRIM	CUSTOM	112"

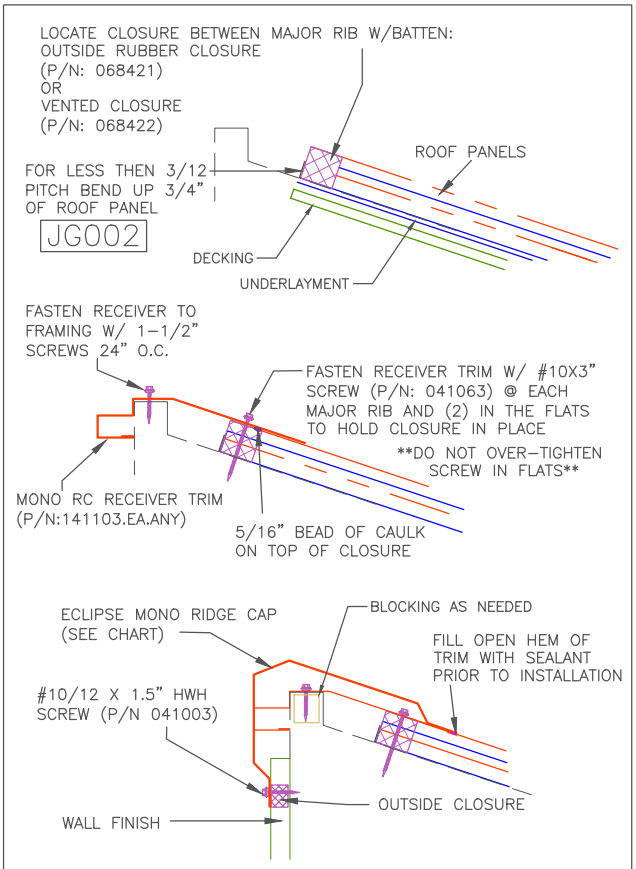
JG091	EXPOSED FASTEN RIDGECAP CONDITION ECLIPSE RF SYSTEM 3"	96 R0



JG095	GABLE END CLOSURE ON ECLIPSE ROOF ECLIPSE RF SYSTEM 2"	64 R0



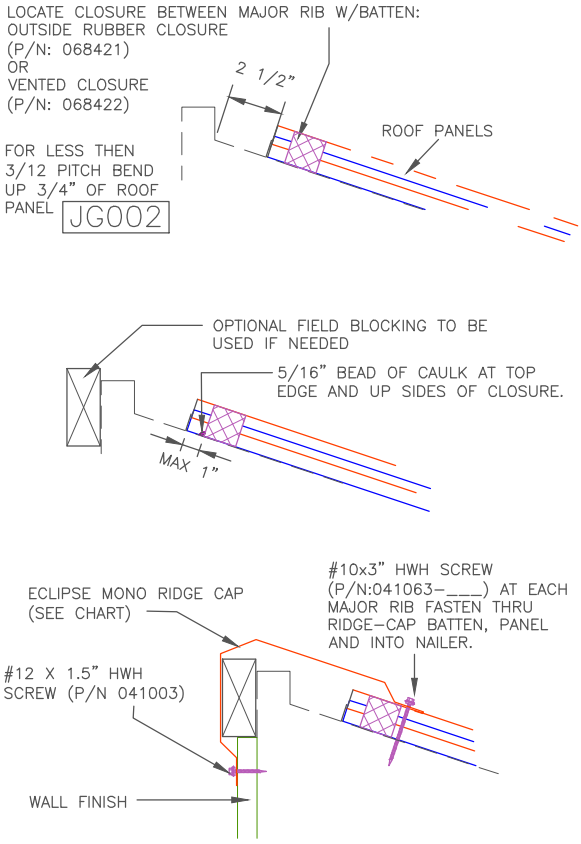
JG096	RIDGECAP TO WALL CONNECTION ECLIPSE RF SYSTEM 1"	32 R0



ROOF SLOPE	TRIM	P/N
3/12 TO 5/12	#159 TRIM	141159
< THAN 3/12 > THAN 5/12	#163 TRIM	CUSTOM

NOTES:
USE COLOR CAULK AT ALL SPLICES (P/N 098325-____)
LAP RIDGECAP 5" AT ALL SPLICES

JG100	MONO RIDGECAP INSTALLATION (CONCEALED) ECLIPSE RF SYSTEM 2"	64 R0



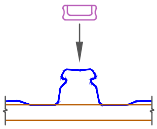
ROOF SLOPE	TRIM	P/N
3/12 TO 5/12	#159 TRIM	141159
< THAN 3/12 > THAN 5/12	#163 TRIM	CUSTOM

NOTES:
USE COLOR CAULK AT ALL SPLICES (P/N 098325-____)
LAP RIDGECAP 5" AT ALL SPLICES

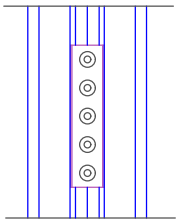
JG101	MONO RIDGECAP INSTALLATION (EXPOSED) ECLIPSE RF SYSTEM 2"	64 R0

INSTALLING ANCHOR BLOCK RECEIVER

4" ANCHOR BLOCK RECEIVER (P/N: 068406) – PLYWOOD CONNECTION

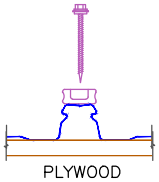


OSB/PLYWOOD DECKING



TOP VIEW OF INSERT

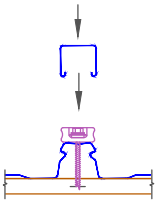
2" SCREW (P/N: 041073–ANY) – OSB/PLYWOOD CON. (FILL ALL HOLES)



PLYWOOD DECKING

*** NOTE: MARK ROOF PANELS WHERE RECEIVERS ARE LOCATED PRIOR TO APPLYING BATTEN, LOCATION WILL BE HARDER TO FIND WHEN BATTEN IS ATTACHED ***

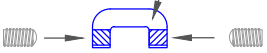
ROOF BATTEN (P/N: 141400)



PLYWOOD DECKING

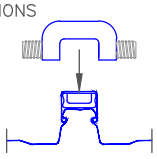
INSTALLING ANCHOR BLOCK ON BATTEN

2"X2" ALUMINUM ANCHOR BLOCK (P/N: 068403)

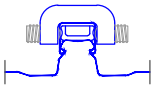


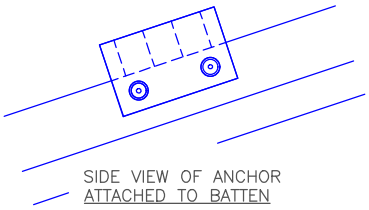
INSTALL (2) 3/8"–16 X 1/2" HEX SKT SET OVAL TIP SCREWS (P/N: 044900) ON EACH SIDE OF ANCHOR

LOCATE ANCHOR BLOCK OVER TOP OF BATTEN AT MARKED BLOCK RECEIVERS LOCATIONS



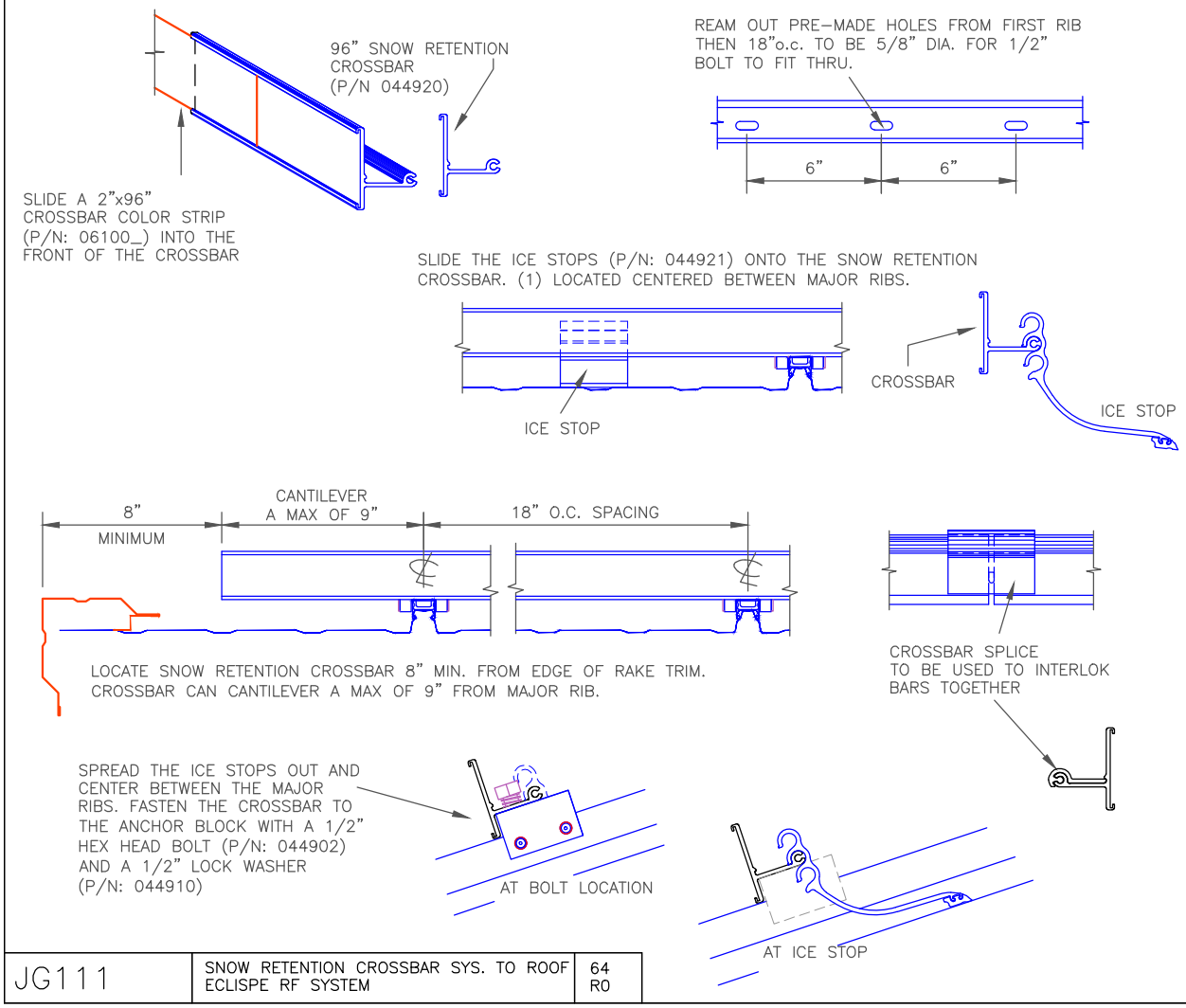
TIGHTEN THE SET SCREWS SO BLOCK IS TIGHT AGAINST TOP OF BATTEN





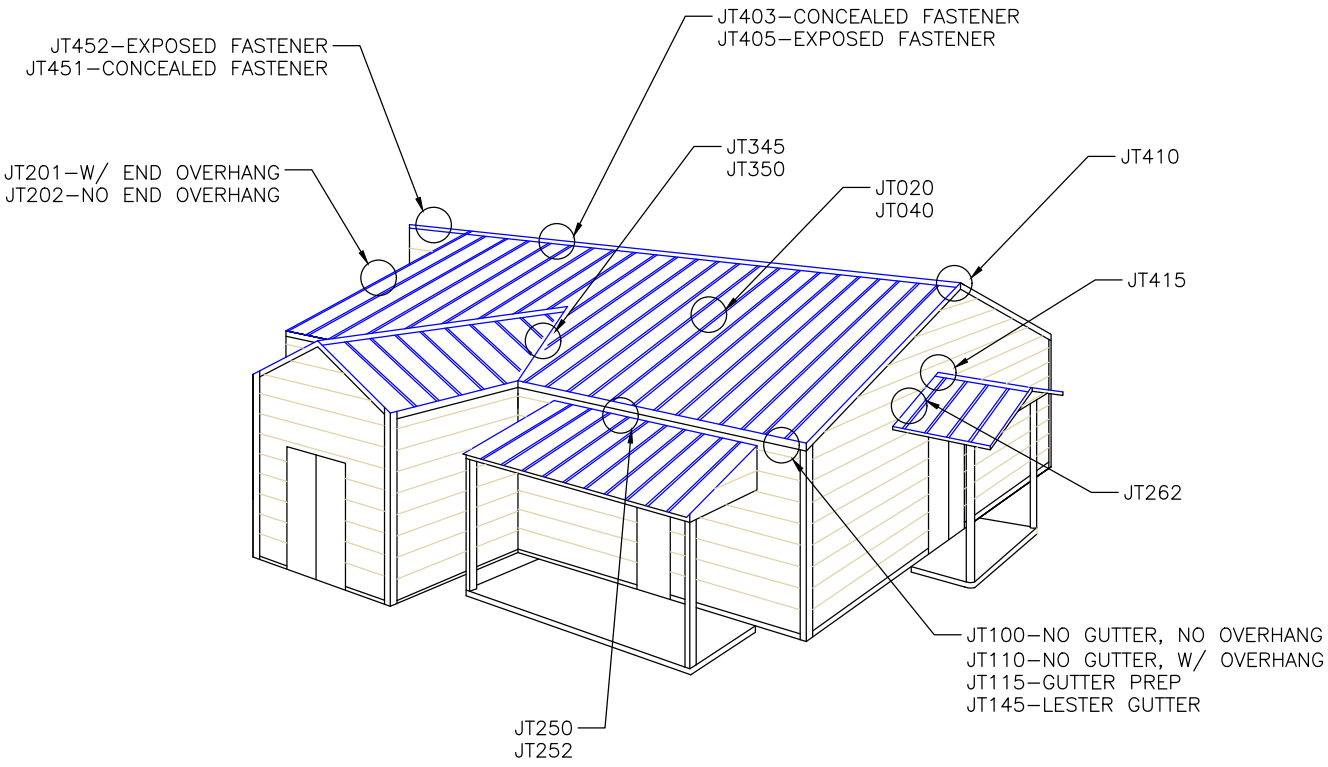
SIDE VIEW OF ANCHOR ATTACHED TO BATTEN

JG110	SNOW RETENTION RECIEVER & BLOCK ECLIPSE RF SYSTEM 3"	96 R0



JG111	SNOW RETENTION CROSSBAR SYS. TO ROOF ECLISPE RF SYSTEM	64 R0

Eclipse Over Exposed Purlins



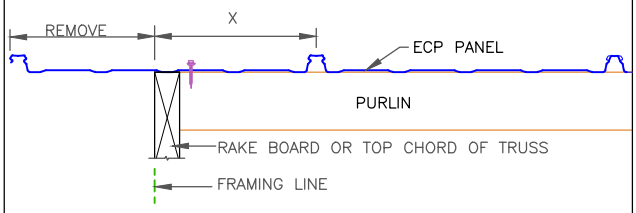
INDIVIDUAL TRIM INFORMATION IS LOCATED ON PAGES 52–59

!!!! IMPORTANT !!!!
ADJUST OFFSET TO AVOID ATTACHING TO TRUSSES/RAFTERS. SUGGESTED OFFSET FOR EVEN FOOT BAYS. ADJUST OFFSET FOR OTHER BAY SPACING.

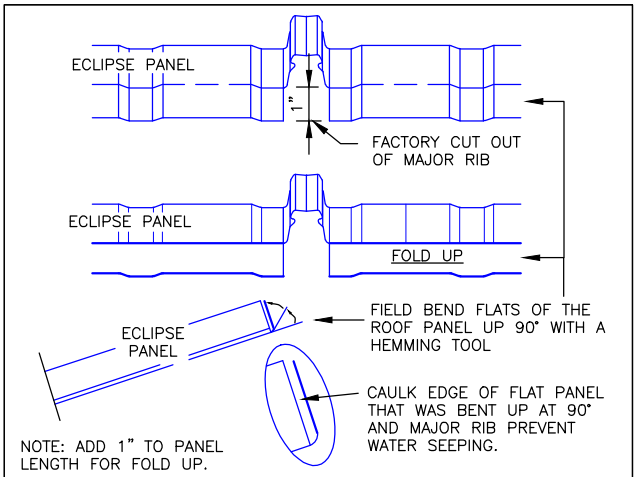
USE THIS LAYOUT WHEN NOMINAL ROOF LENGTH NOT DIVISIBLE BY 3' — X = 15.75"

OR

USE THIS LAYOUT WHEN NOMINAL ROOF LENGTH IS DIVISIBLE BY 3' — X = 9.75"

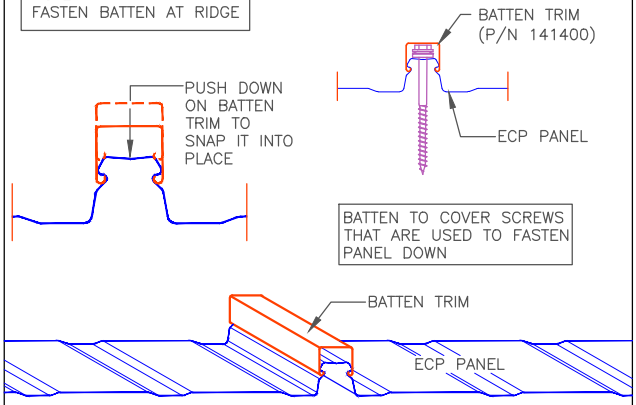


JT010	START ROOF PANEL LOCATION ECP ROOF PANEL 1.5"	48 R2

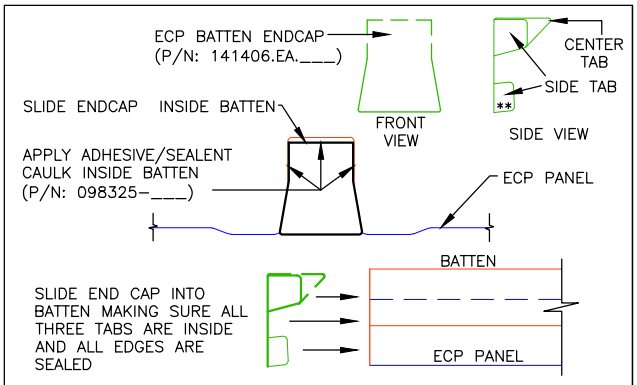


JT016	BEND FLAT UP 90* ON < 3/12 PITCHES ECP ROOF PANEL – UPPER EDGE 3"	96 R0

NOTE:
FASTEN BATTEN AT RIDGE

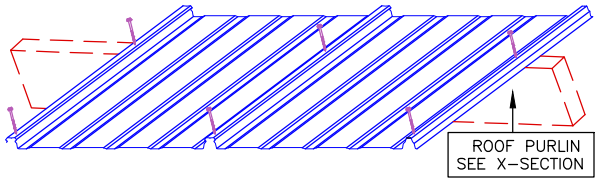


JT020	BATTEN CONNECTION TO PANEL ECP ROOF PANEL 3"	96 R0

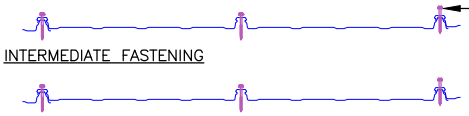


NOTE:
BATTEN ENDCAPS INSTALLED AT ALL MAJOR RIBS AT EAVE.
TRIM EDGES OF ENDCAP IF THEY EXTEND PAST EDGE OF RIB.
**NEW STYLE OF ENDCAP WILL HAVE BOTTOM SIDE TABS

JT021	ECLIPSE BATTEN ENDCAP FASTENING ECP ROOF PANEL 3"	96 R1

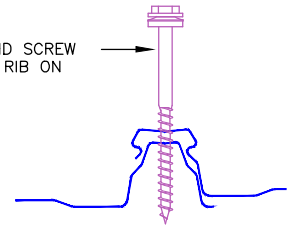


RIDGE FASTENING (INSTALL BATTENS THEN FASTEN THRU THE BATTENS)



INTERMEDIATE FASTENING

EAVE FASTENING (APPLY ADHESIVE/SEALANT AT EAVE PRIOR TO FASTENING PANEL DOWN)



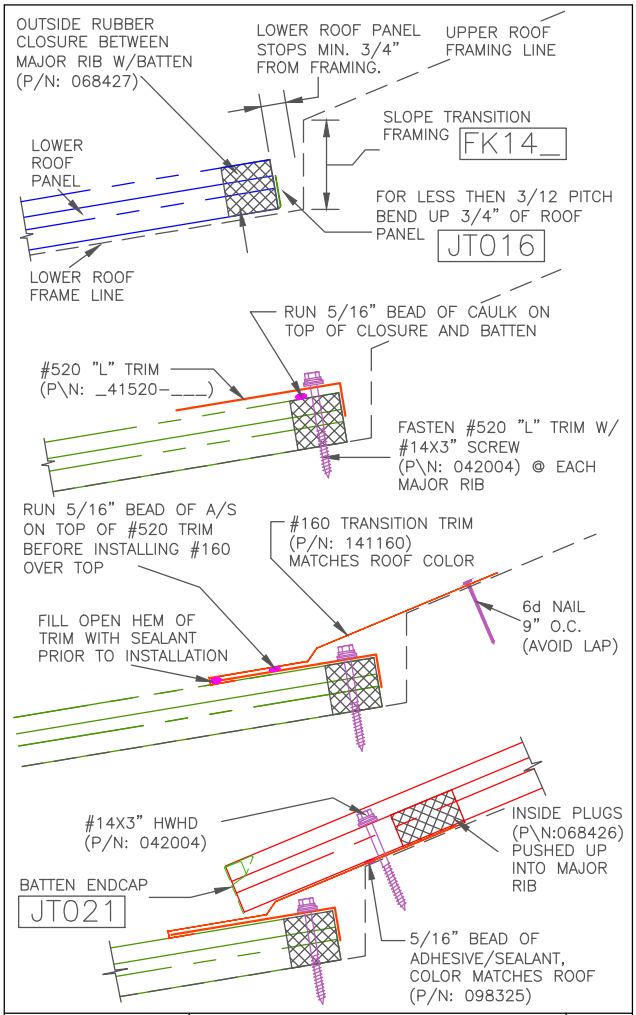
SPLICE
REFERENCE DETAIL
JT051
JT052

APPLICATION OF ECP PANELS W/ SCREWS

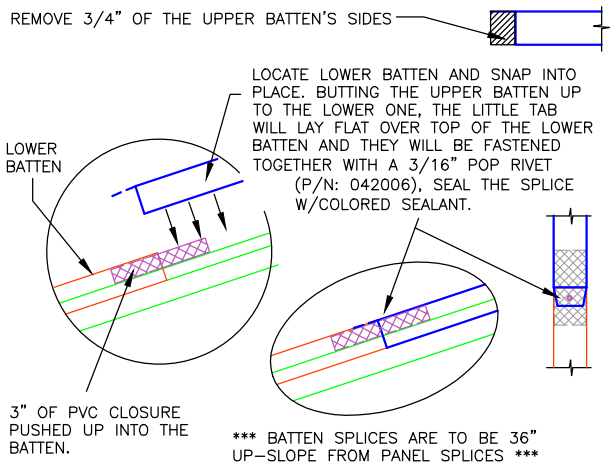
USE #14X3" HWH EPDM AT MAJOR "RIB" OF PANEL (P/N: 042004)

LAYOUT PANELS TO AVOID FASTENING TO THE TRUSS TOP CHORD. FOLLOW DETAIL JT010

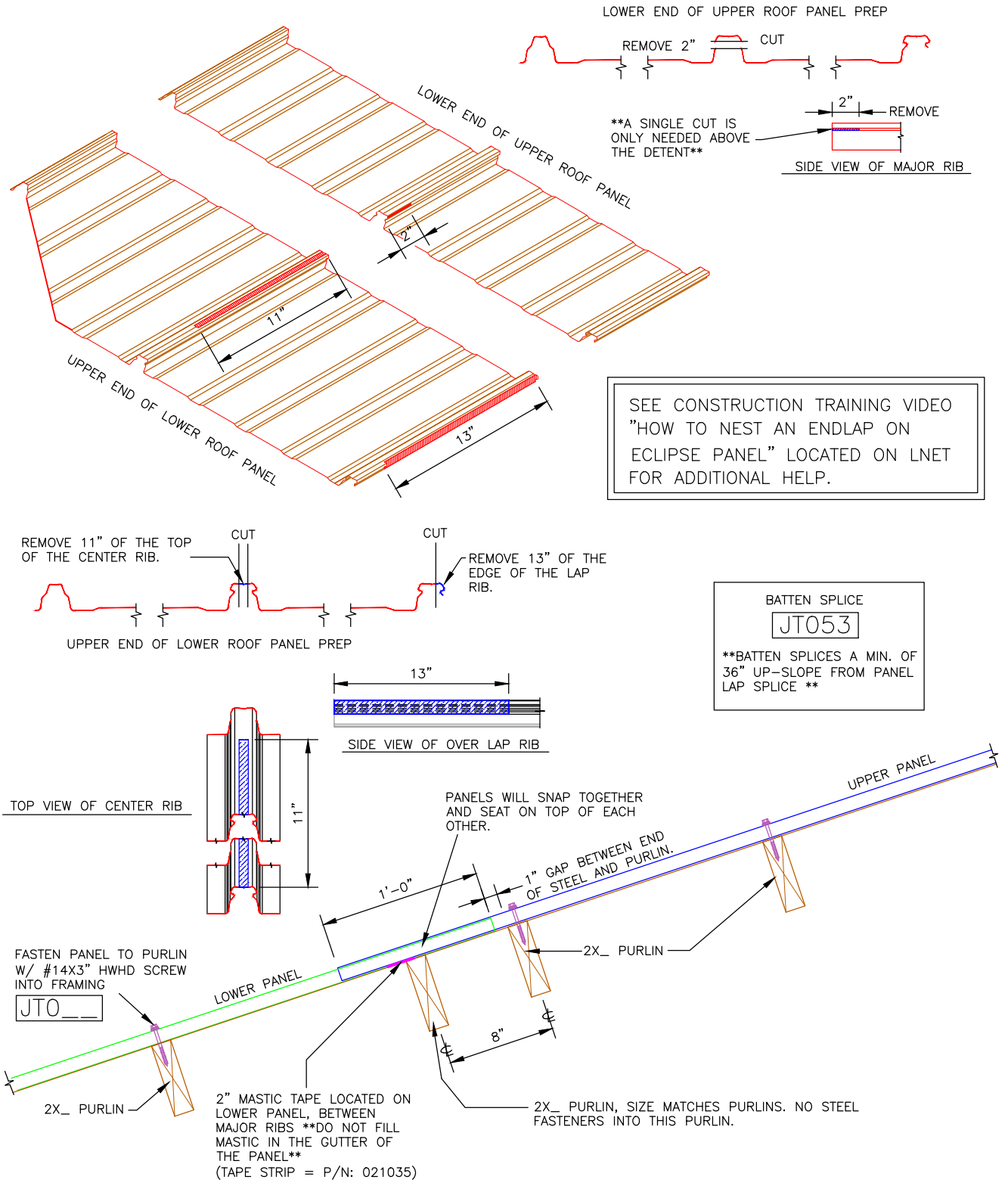
JT040	SCR. FASTENING PATTERN– ECP RF PANEL FASTEN PANEL DIRECTLY TO PURLINS 1.5"	16 R0



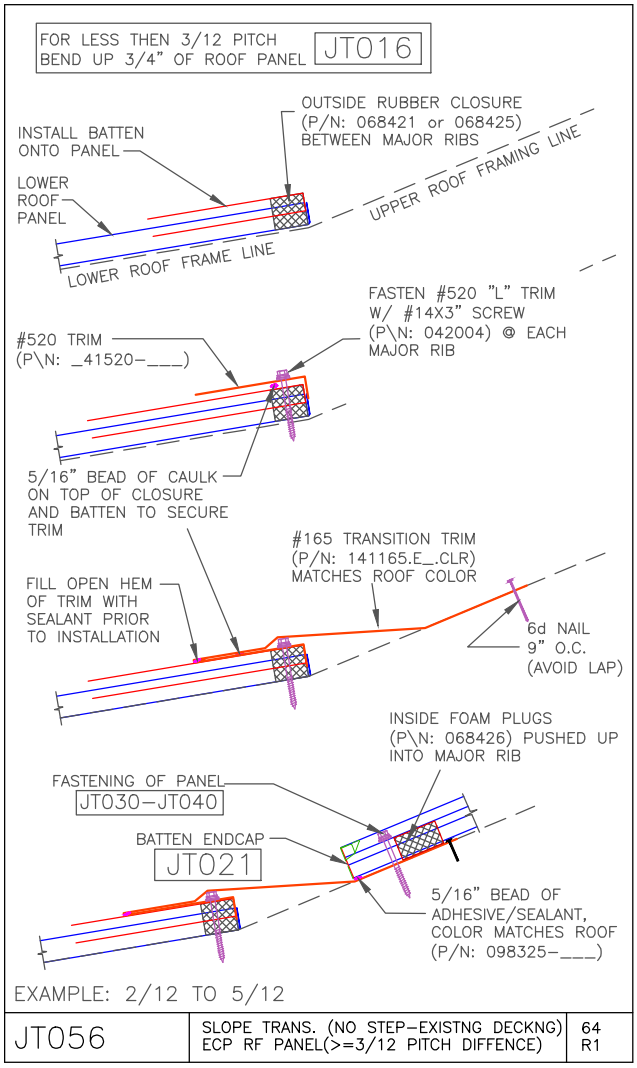
JT055	SLOPE TRANS. AT EAVE (NEW CONSTRUCTN) ECLIPSE ROOF PANEL (SMALL STEP DOWN)	96 R1



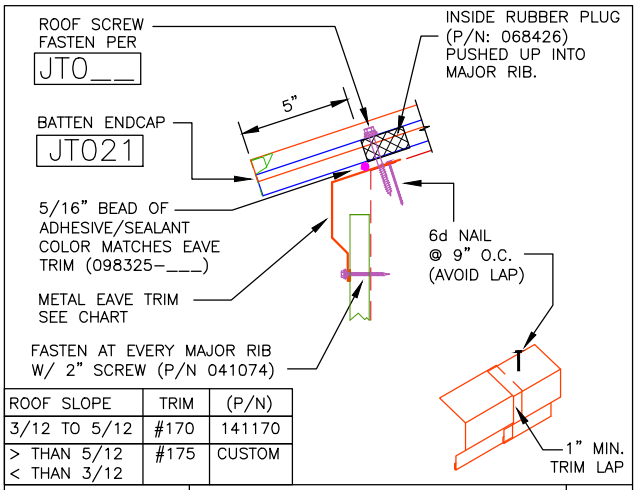
JT053	ROOF PANEL SPLICE BATTEN CONN. ECP ROOF PANEL	96 R1



JT052	ROOF PANEL SPLICE/THERMAL BREAK ECP RF PANEL (>=2:12 PITCH) 1.5"	48 R1

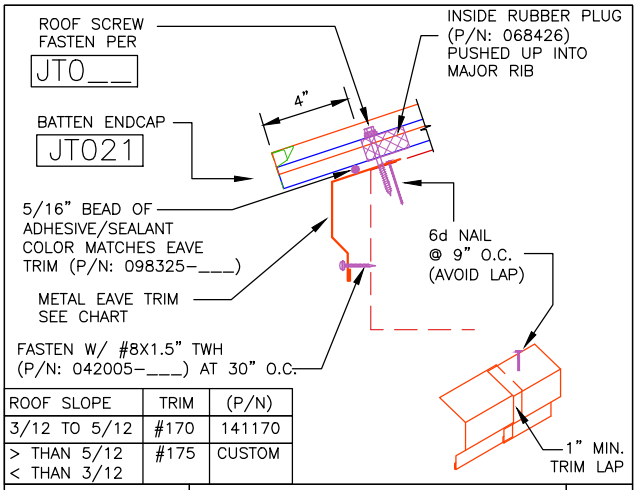


JT056	SLOPE TRANS. (NO STEP-EXISTNG DECKNG) ECP RF PANEL(>=3/12 PITCH DIFFENCE)	64 R1



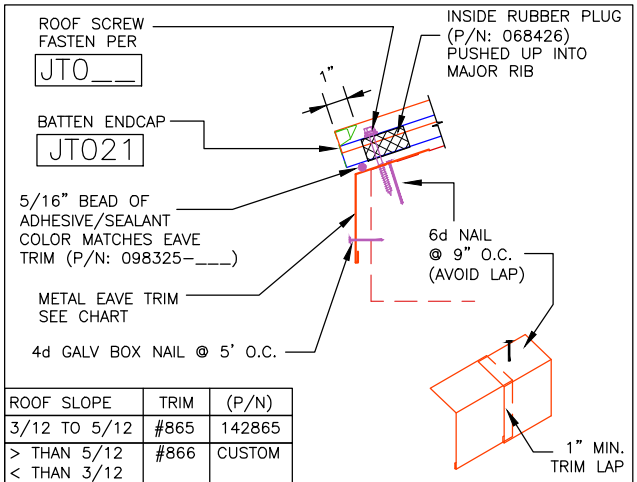
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#170	141170
> THAN 5/12 < THAN 3/12	#175	CUSTOM

JT100	0" EAVE OVERHANG FOR ECLIPSE ECP ROOF PANEL 3"	64 R2



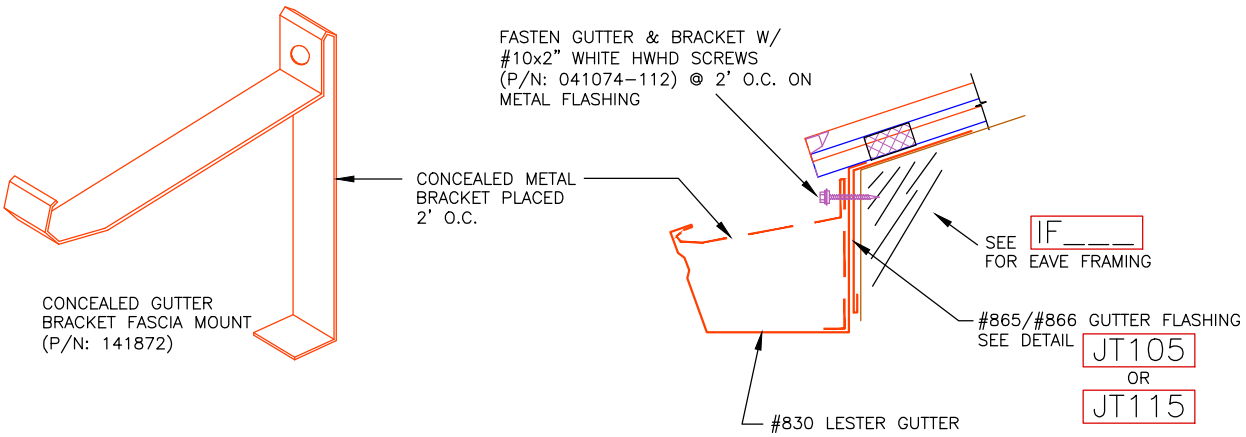
ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#170	141170
> THAN 5/12 < THAN 3/12	#175	CUSTOM

JT110	EAVE OVERHANG FOR ECLIPSE ECP ROOF PANEL 3"	64 R2

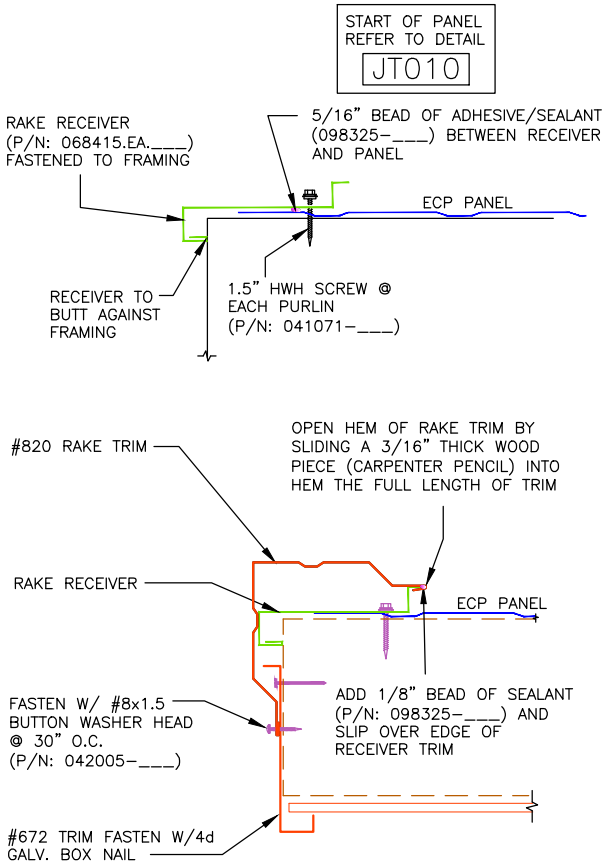


ROOF SLOPE	TRIM	(P/N)
3/12 TO 5/12	#865	142865
> THAN 5/12 < THAN 3/12	#866	CUSTOM

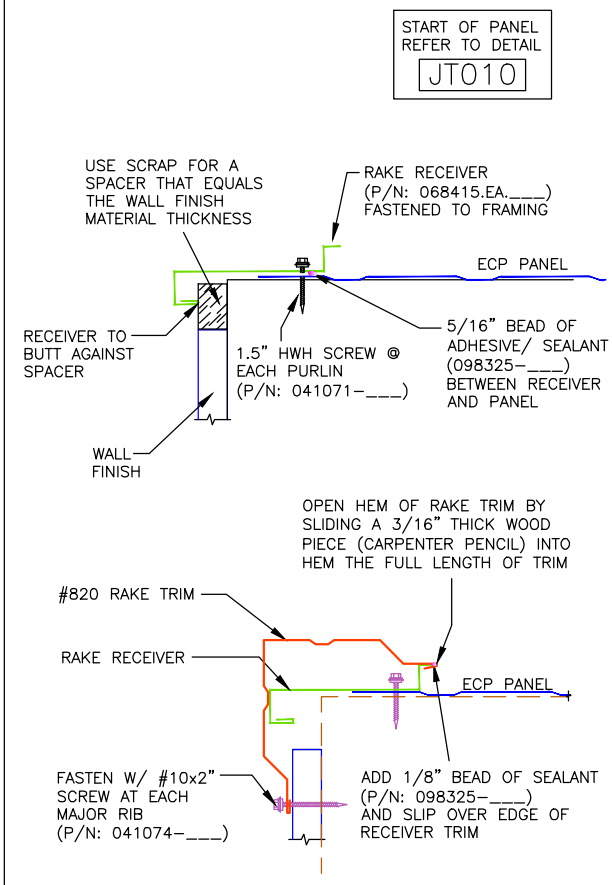
JT115	EAVE OVERHANG - PREP FOR GUTTER ECP ROOF PANEL 3"	64 R1



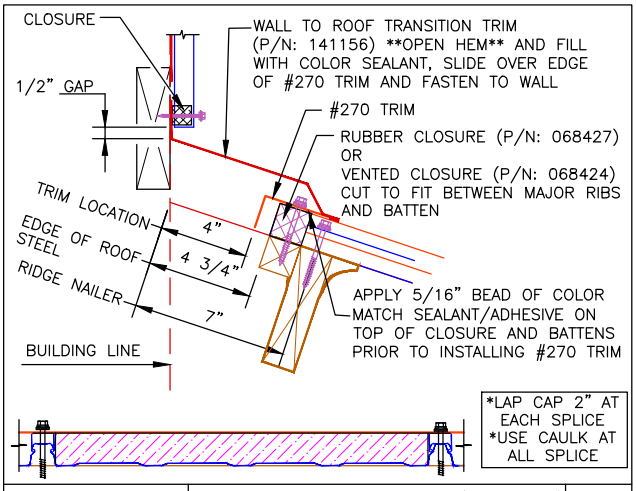
JT145	GUTTER BRACKET OVERHANG ECP ROOF PANEL	96 R0



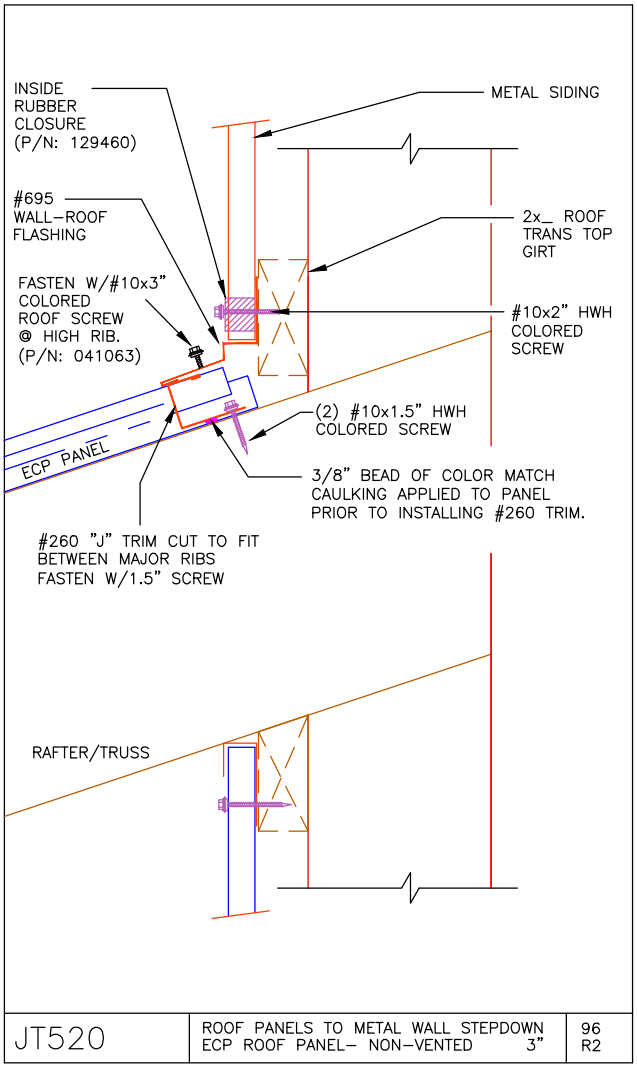
JT201	END OVERHANG - RAKE TRIM & RECEIVER ECP ROOF PANEL 3"	96 R1



JT202	0" END OVRHG - RAKE & RECEIVER CON. ECP ROOF PANEL 3"	96 R1

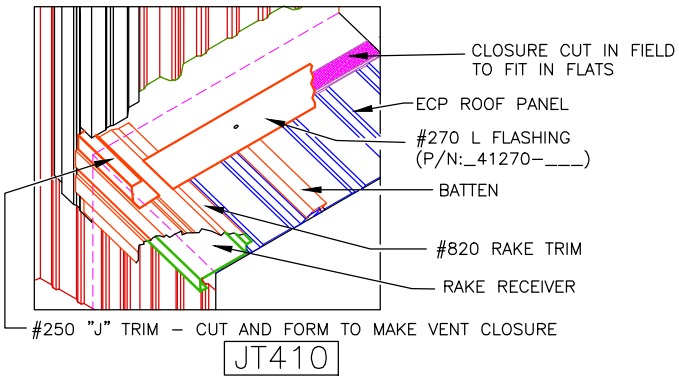


JT250	LEAN–TO TO WALL TRANSITION (CONCEALED) ECP ROOF PANEL	64 R2



JT520	ROOF PANELS TO METAL WALL STEPDOWN ECP ROOF PANEL– NON–VENTED 3"	96 R2

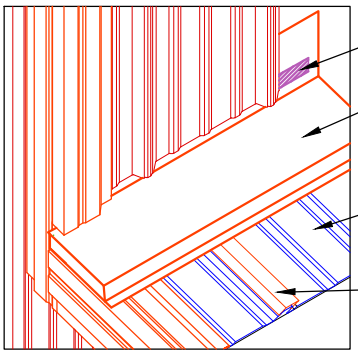
SHOWN W/OUT ROOF TO WALL TRANSITION



JT410

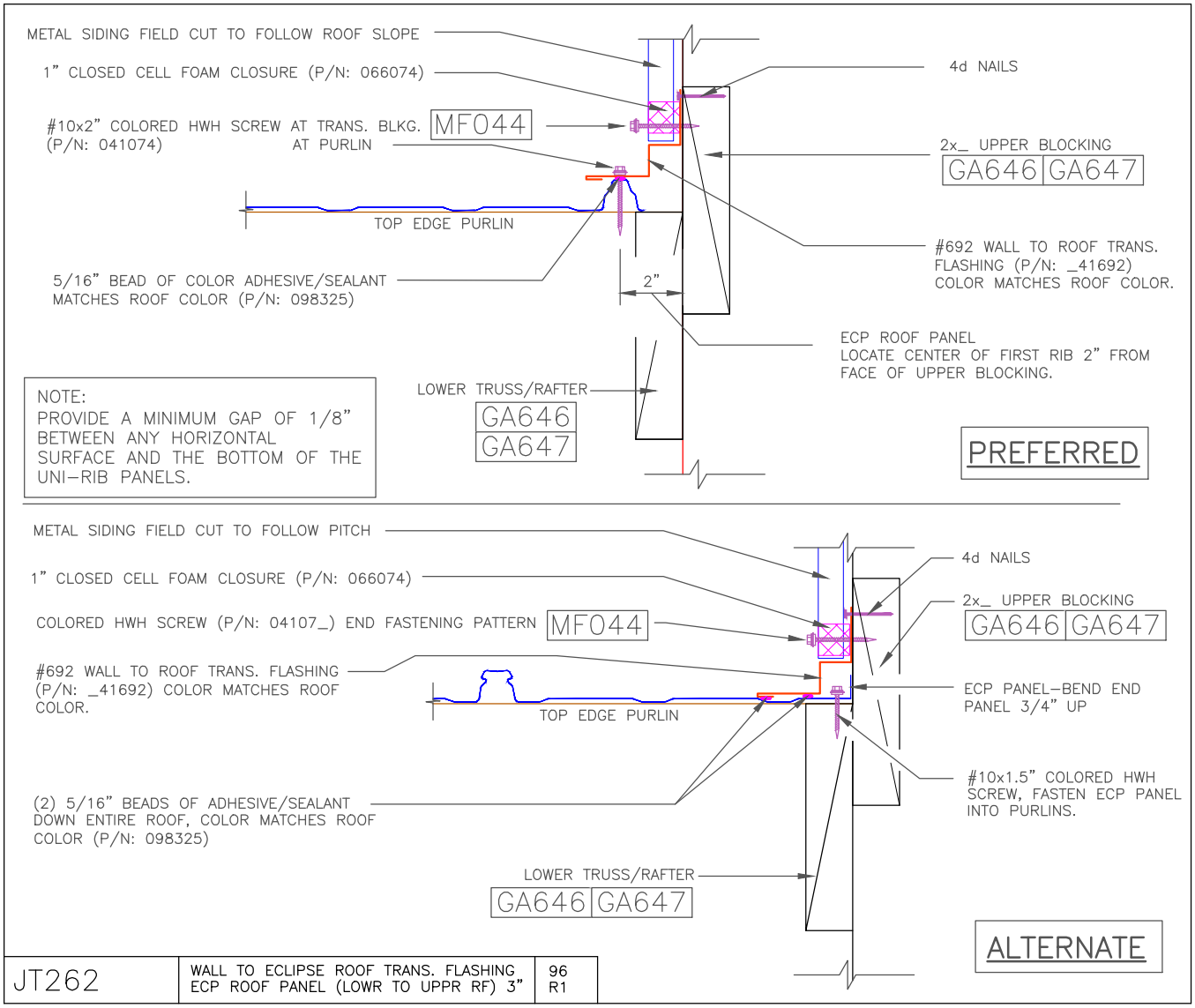
HOLD #250 TRIM BACK 1/4" FROM RAKE TRIM EDGE AND FASTEN WITH (2) 3" SCREWS THRU LONG LEG OF TRIM TO THE RAKE TRIM. PUT CAULK ON BENT BACK FLAPS.

SHOWN WITH ROOF TO WALL TRANSITION IN PLACE

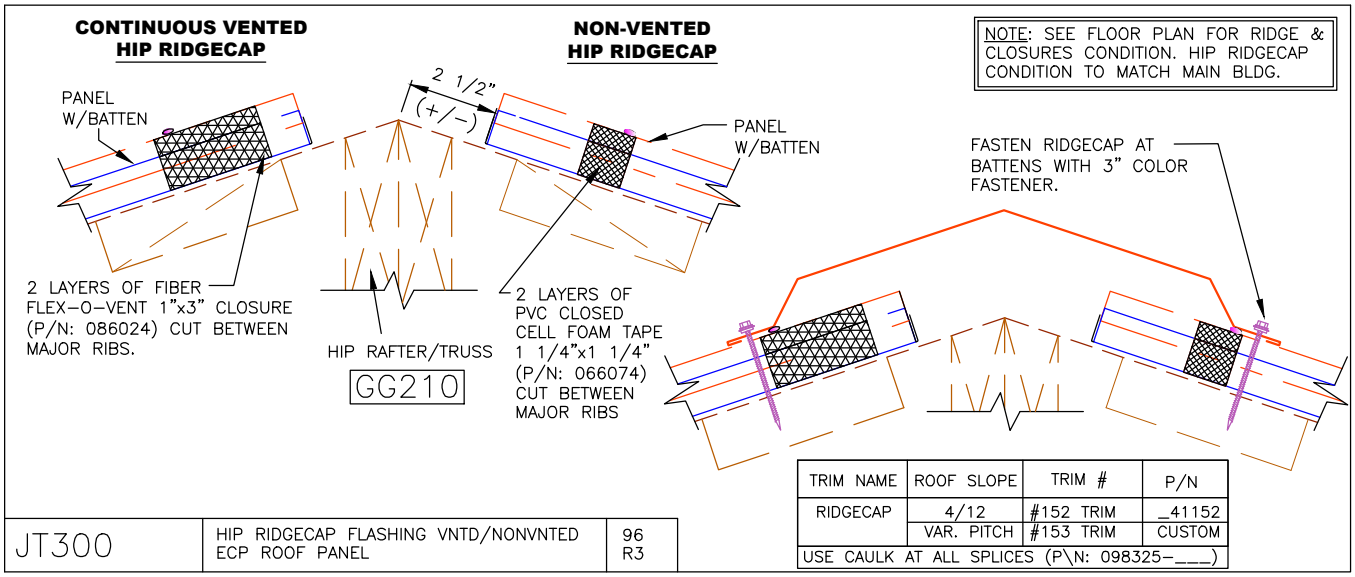


LOCATE WALL TO ROOF TRANSITION TRIM PER DETAIL JT250

JT252	GABLE CLOSURE – WALL TO ROOF TRANS ECP ROOF PANEL 1"	32 R1



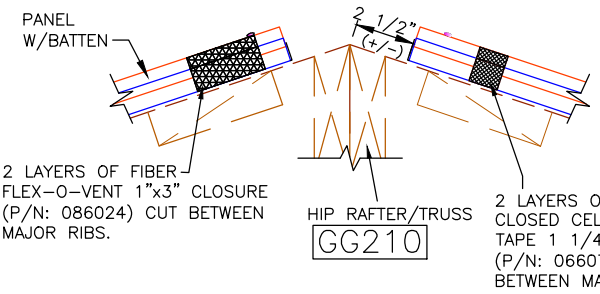
JT262	WALL TO ECLIPSE ROOF TRANS. FLASHING ECP ROOF PANEL (LOWR TO UPPR RF) 3"	96 R1



TRIM NAME	ROOF SLOPE	TRIM #	P/N
RIDGECAP	4/12	#152 TRIM	_41152
	VAR. PITCH	#153 TRIM	CUSTOM
USE CAULK AT ALL SPLICES (P\N: 098325-___)			

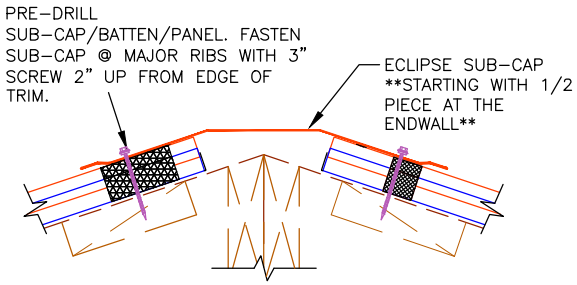
JT300	HIP RIDGECAP FLASHING VNTD/NONVNTED ECP ROOF PANEL	96 R3

CONTINUOUS VENTED HIP RIDGECAP

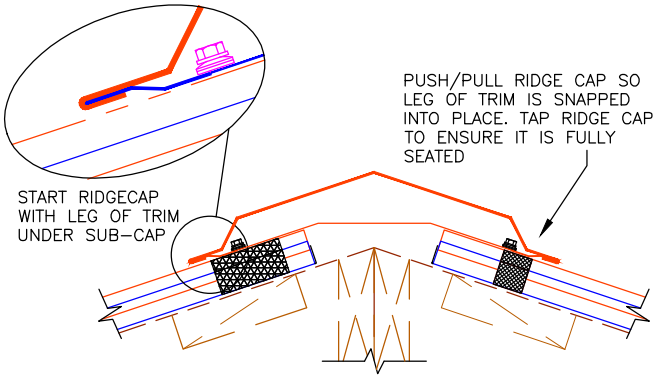


NON-VENTED HIP RIDGECAP

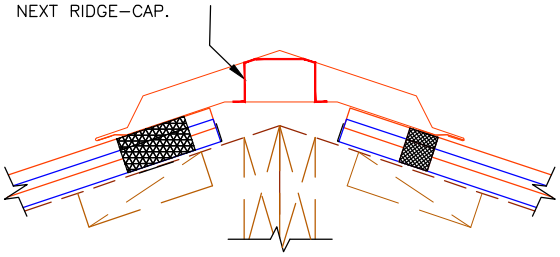
FOR LESS THEN 3/12 PITCH BEND UP 3/4" OF ROOF METAL CAULK CORNERS PRIOR TO INSTALLING RIDGECAP JT016



SPLICE SUB-CAPS AT MAJOR RIB



ONCE CAP IS FULLY SEATED ON THE SUB-CAP THEN SLIDE THE RIDGE STIFFENER INTO AREA BETWEEN RIDGE CAP AND SUB CAP-TO PREVENT THE RIDGE CAP FROM FLEXING. WILL HAVE TO INSTALL AFTER EACH RIDGE CAP AND WILL WANT TO KEEP BACK ABOUT 4-5" FROM EDGE. SO YOU CAN LAP NEXT RIDGE-CAP.



WHEN SPLICING THE RIDGE CAP YOU WILL NEED OPEN THE HEM UP ABOUT 5" BACK FROM EDGE AND MAKE A CUT. BY DOING THIS THEN YOU CAN CAPTURE THE SUB-CAP, ALREADY INSTALLED RIDGE CAP AND NEXT PIECE OF RIDGE CAP ALL IN THE SAME LOCATION THEN CRIMP THE HEM BACK SHUT SHOULD HAVE A TIGHT FIT.

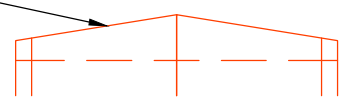
TRIM NAME	ROOF SLOPE	TRIM #	P/N	LENGTH
RIDGECAP	4/12	#031 TRIM	241031.E_.	112"
	VAR. PITCH	#032 TRIM	CUSTOM	112"
SUB-CAP	4/12	#033 TRIM	241033	112"
	VAR. PITCH	#034 TRIM	CUSTOM	112"
STIFFENER	4/12	#037 TRIM	241037-ANY	96"
	VAR. PITCH	#038 TRIM	CUSTOM	96"

USE CAULK AT ALL SPLICES (P\N: 098325-___)

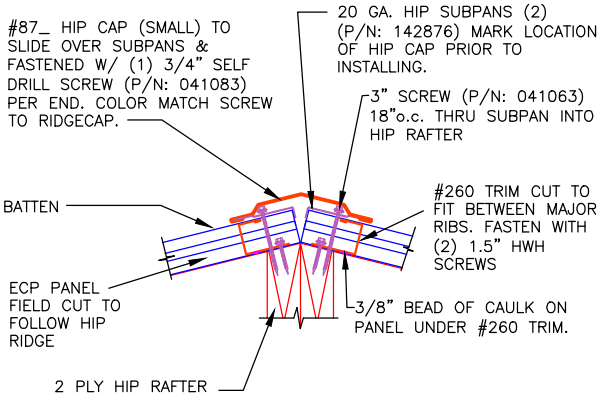
ALL SPLICES TO BE 4" AND STAGGERED BETWEEN SUB-CAP AND RIDGECAP

FIELD VERIFY THAT RIDGE CAP FITS TIGHT

TRIM RIDGE CAP CORNERS @ BOTH ENDS OF BUILDING

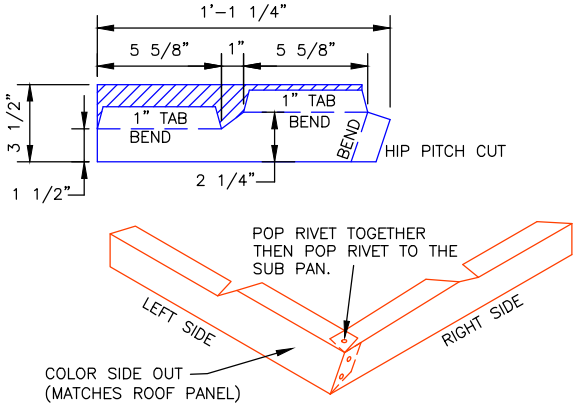


JT299	LG HIP-CAP W/ SUB-CAP (CONCEALED) ECP ROOF PANEL	64 R0

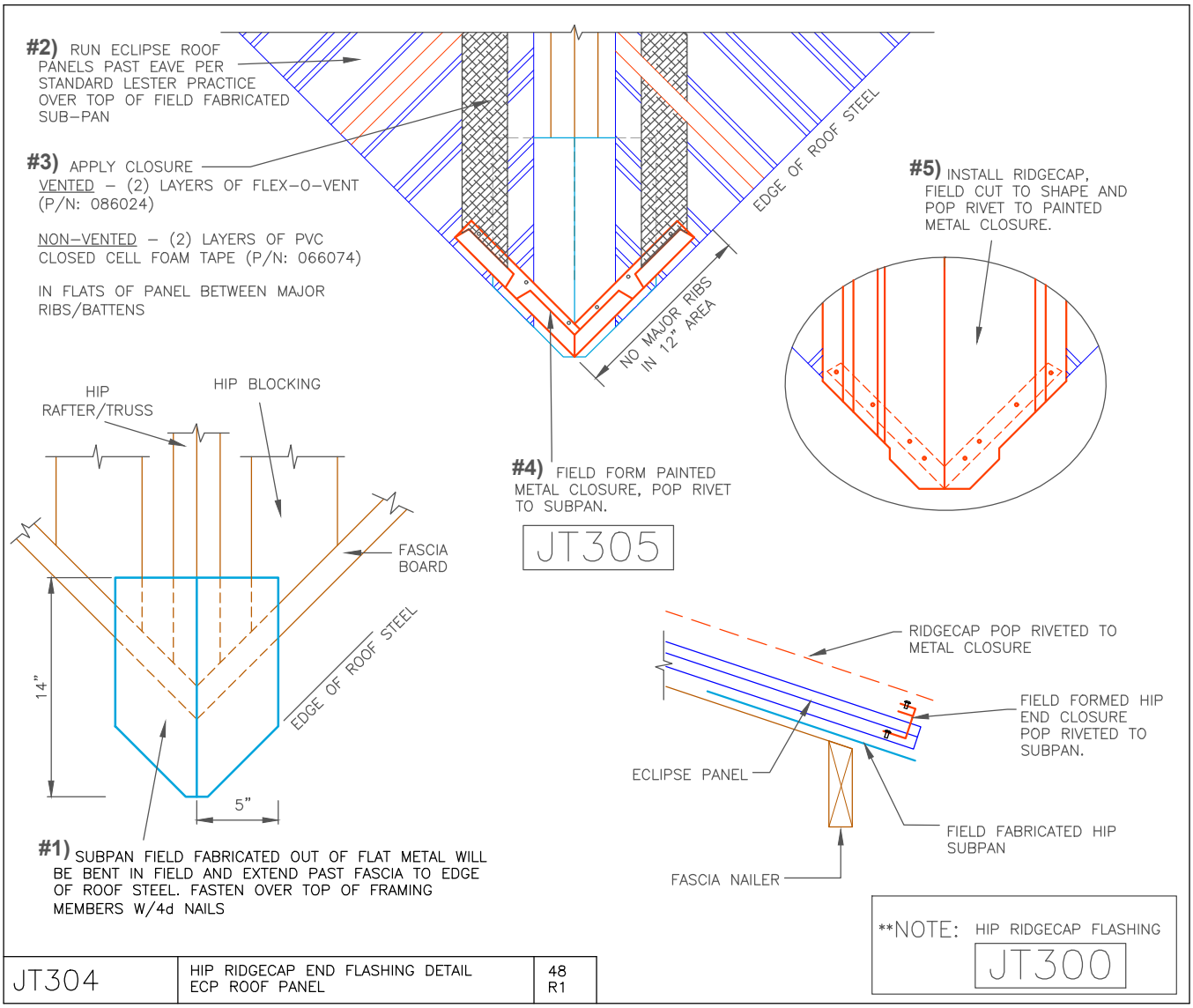


JT530	ACCESSORIE HIPCAP TO ECP RF FASTENING ECP ROOF PANEL 3"	64 R4

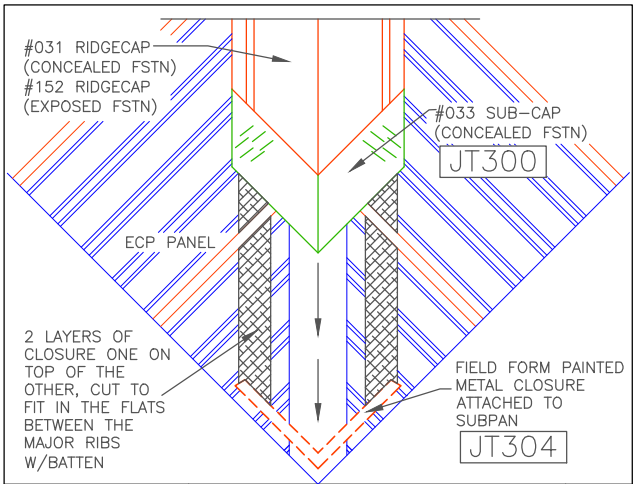
FIELD FORM THE PAINTED METAL CLOSURE FROM #270 ANGLE TRIM (P/N: 141270) LEFT AND RIGHT SIDES TO BE CUT FROM TRIM.



JT305	FIELD FORMED PAINTED MTL CLOSURE ECP ROOF PANEL (END OF HIP COND.)	64 R0



JT304	HIP RIDGECAP END FLASHING DETAIL ECP ROOF PANEL	48 R1



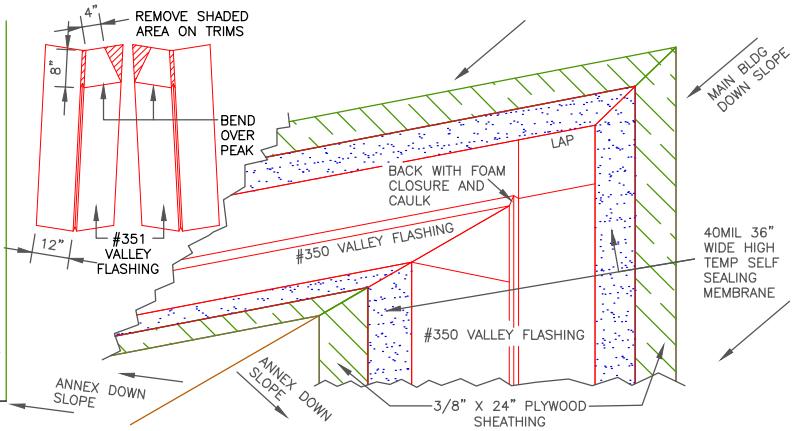
JT301	RIDGECAP ON HIP W/ END CAP TRIM ECP ROOF PANEL (VNTED & NON-VNTD) 1"	32 R2

STEP 1

1. FIELD CUT FIRST PIECE OF VALLEY FLASHING TO FIT AT THE VALLEY TRANSITION. ALLOW TOP LEG OF THE FLASHING TO EXTEND PAST THE RIDGE BY 8". WRAP 8" BOTTOM LEG AROUND THE PEAK.

2. FIELD CUT THE SECOND PIECE OF VALLEY FLASHING TO FIT AT THE VALLEY TRANSITION. EXTEND THE TOP LEG OF THE FLASHING PAST THE RIDGE BY 8" ON TOP OF FIRST VALLEY TRIM. WRAP 8" BOTTOM LEG AROUND PEAK ON TOP OF FIRST VALLEY TRIM.

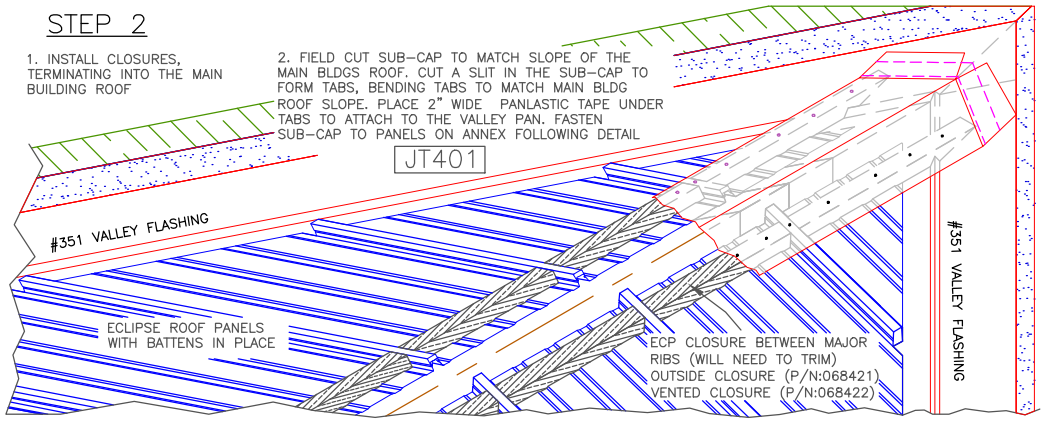
3. APPLY A 1" WIDE BEAD OF CAULK (#098270) BETWEEN THE TWO PIECES OF VALLEY FLASHING WERE THEY LAP TO SEAL THEM TOGETHER.



STEP 2

1. INSTALL CLOSURES, TERMINATING INTO THE MAIN BUILDING ROOF

2. FIELD CUT SUB-CAP TO MATCH SLOPE OF THE MAIN BLDGS ROOF. CUT A SLIT IN THE SUB-CAP TO FORM TABS, BENDING TABS TO MATCH MAIN BLDG ROOF SLOPE. PLACE 2" WIDE PANLASTIC TAPE UNDER TABS TO ATTACH TO THE VALLEY PAN. FASTEN SUB-CAP TO PANELS ON ANNEX FOLLOWING DETAIL JT401

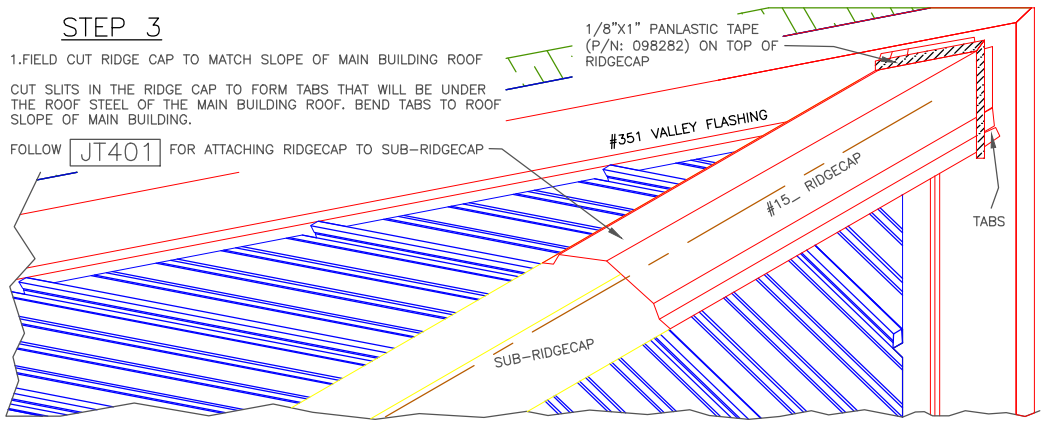


STEP 3

1.FIELD CUT RIDGE CAP TO MATCH SLOPE OF MAIN BUILDING ROOF

CUT SLITS IN THE RIDGE CAP TO FORM TABS THAT WILL BE UNDER THE ROOF STEEL OF THE MAIN BUILDING ROOF. BEND TABS TO ROOF SLOPE OF MAIN BUILDING.

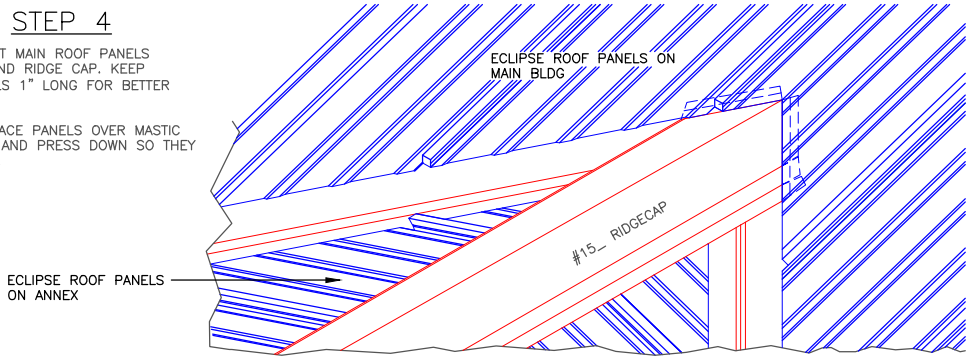
FOLLOW JT401 FOR ATTACHING RIDGECAP TO SUB-RIDGECAP



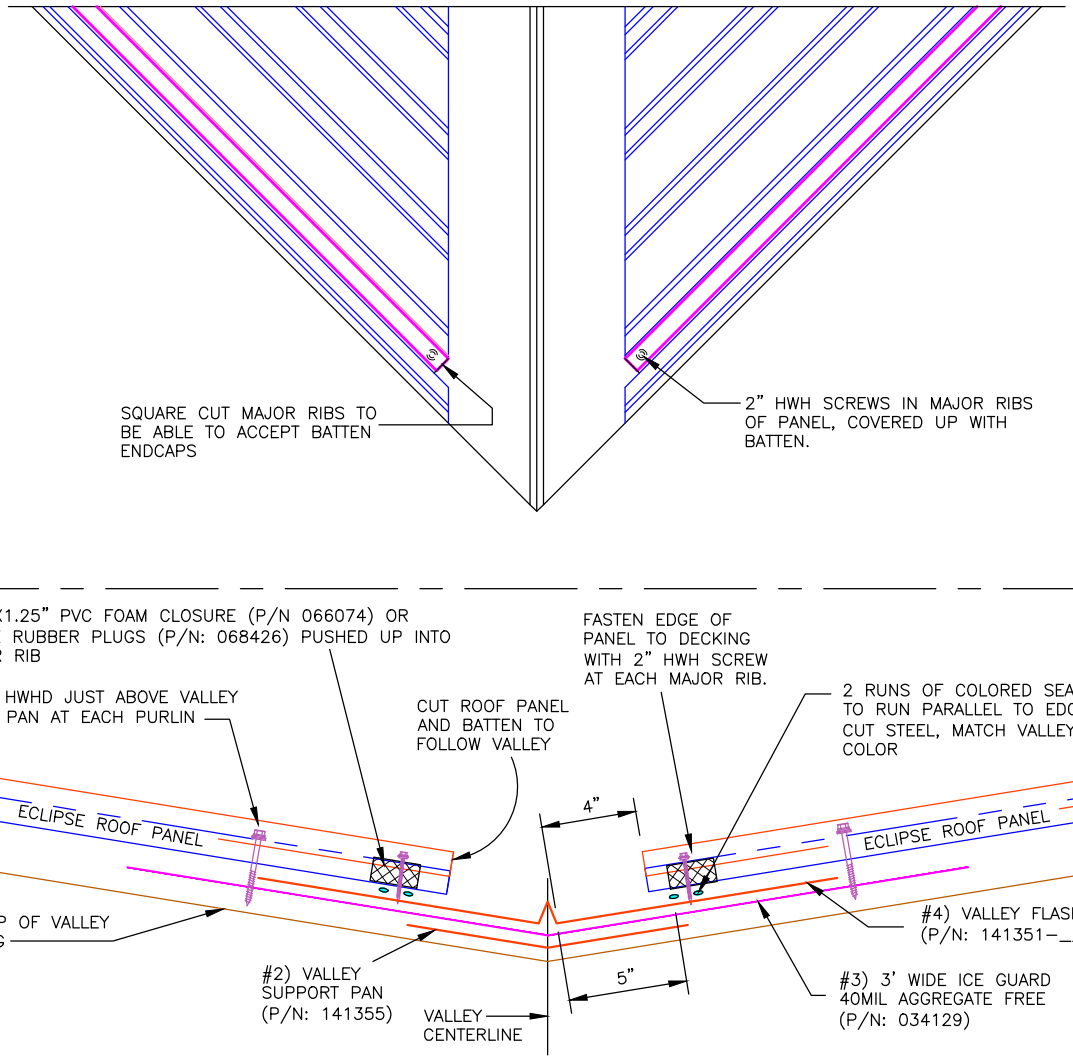
STEP 4

1. CUT MAIN ROOF PANELS AROUND RIDGE CAP. KEEP PANELS 1" LONG FOR BETTER LAP.

2. PLACE PANELS OVER MASTIC TAPE AND PRESS DOWN SO THEY STICK.

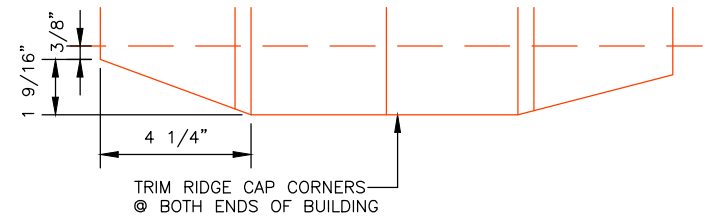


JT345	VALLEY FLASHING INSTALLATION W/ECLIPSE ECP ROOF PANEL 1"	32 R1



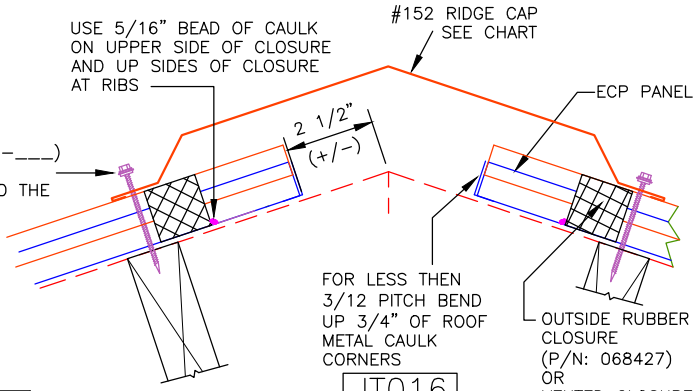
JT350	ECLIPSE VALLEY FLASHING ECP ROOF PANEL	64 R1

FLASHING LAYOUT

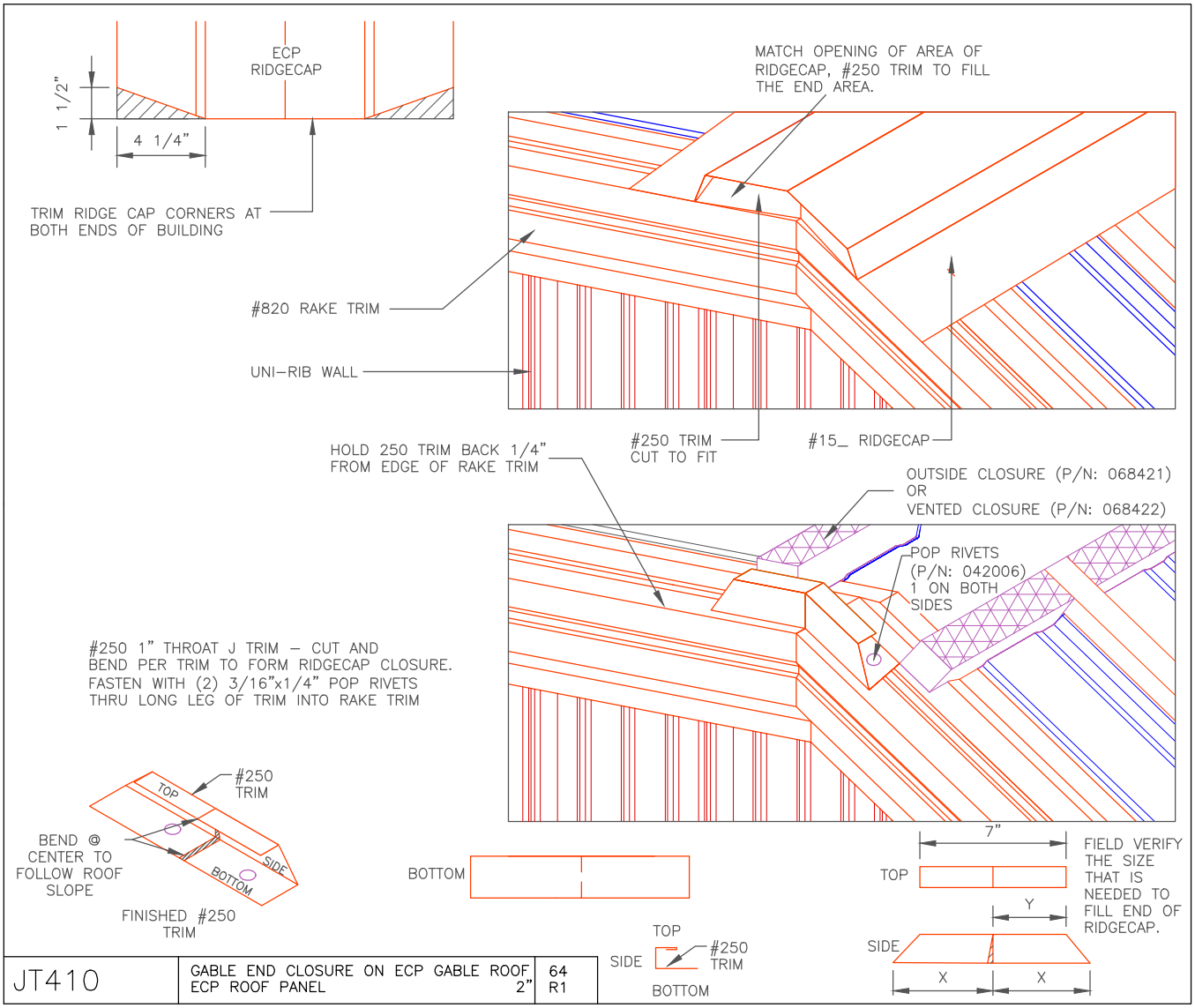


ROOF SLOPE	TRIM	P/N	LENGTH
3/12 TO 5/12	#152 TRIM	241036.E_.	112"
> THAN 5/12 < THAN 3/12	#153 TRIM	CUSTOM	112"

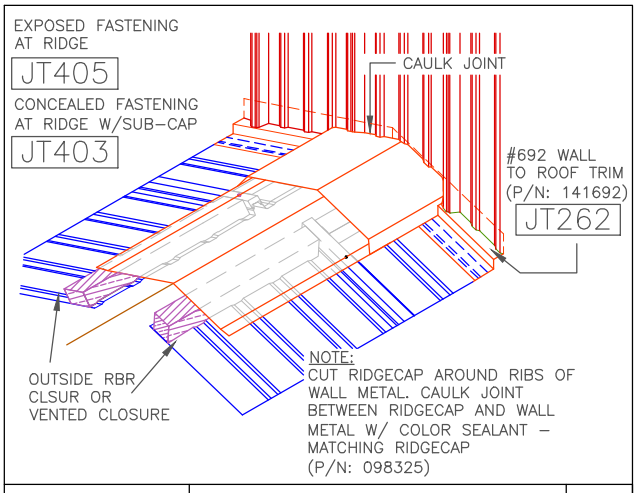
USE CAULK AT ALL SPLICES (P/N: 098320)
LAP RIDGECAP 5" AT ALL SPLICES



JT405	RIDGE CAP TO ECLIPSE ROOF FASTENING ECP ROOF PANEL – EXPOSED 3"	96 R2



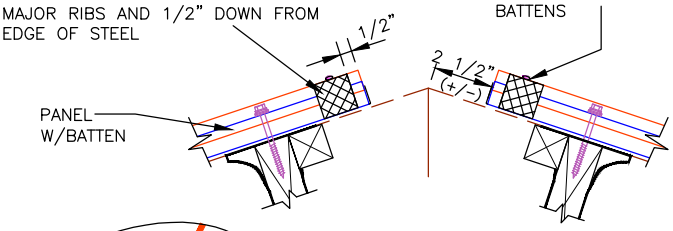
JT410	GABLE END CLOSURE ON ECP GABLE ROOF ECP ROOF PANEL 2"	64 R1	



JT415	RIDGECAP TO WALL CONNECTION ECP ROOF PANEL 1"	32 R3	

OUTSIDE RUBBER CLOSURE (P\N: 068427)
OR
VENTED CLOSURE (P\N: 068424)
LOCATE CLOSURE STRIPS BETWEEN MAJOR RIBS AND 1/2" DOWN FROM EDGE OF STEEL

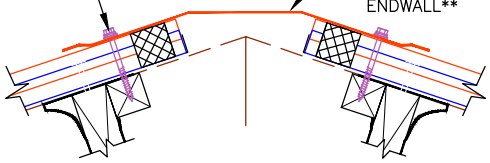
APPLY A 5/16" BEAD OF COLOR MATCH SEALANT/ADHESIVE ON TOP OF CLOSURE AND BATTENS



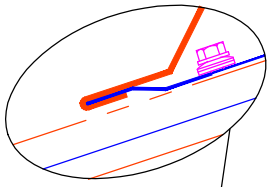
FOR LESS THEN 3/12 PITCH BEND UP 3/4" OF ROOF METAL CAULK CORNERS PRIOR TO INSTALLING RIDGECAP JT016

PRE-DRILL SUB-CAP/BATTEN/PANEL. FASTEN SUB-CAP @ MAJOR RIBS WITH #14X3" SCREW 2" UP FROM EDGE OF TRIM.

ECLIPSE SUB-CAP **STARTING WITH 1/2 PIECE AT THE ENDWALL**

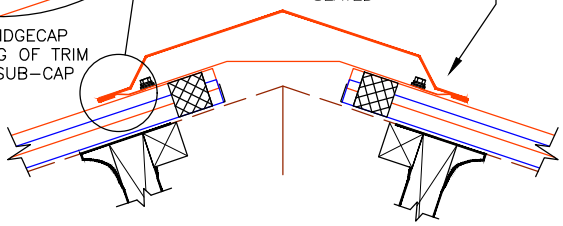


SPLICE SUB-CAPS AT MAJOR RIB

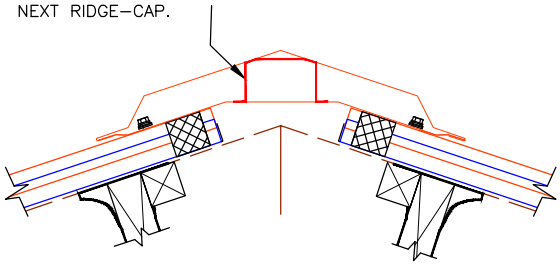


START RIDGECAP WITH LEG OF TRIM UNDER SUB-CAP

PUSH/PULL RIDGE CAP SO LEG OF TRIM IS SNAPPED INTO PLACE. TAP RIDGE CAP TO ENSURE IT IS FULLY SEATED



ONCE CAP IS FULLY SEATED ON THE SUB-CAP THEN SLIDE THE RIDGE STIFFENER INTO AREA BETWEEN RIDGE CAP AND SUB CAP-TO PREVENT THE RIDGE CAP FROM FLEXING. WILL HAVE TO INSTALL AFTER EACH RIDGE CAP AND WILL WANT TO KEEP BACK ABOUT 4-5" FROM EDGE. SO YOU CAN LAP NEXT RIDGE-CAP.



WHEN SPLICING THE RIDGE CAP YOU WILL NEED OPEN THE HEM UP ABOUT 5" BACK FROM EDGE AND MAKE A CUT. BY DOING THIS THEN YOU CAN CAPTURE THE SUB-CAP, ALREADY INSTALLED RIDGE CAP AND NEXT PIECE OF RIDGE CAP ALL IN THE SAME LOCATION THEN CRIMP THE HEM BACK SHUT SHOULD HAVE A TIGHT FIT.

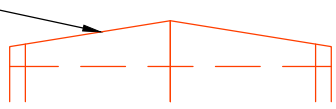
TRIM NAME	ROOF SLOPE	TRIM #	P/N	LENGTH
RIDGECAP	4/12	#031 TRIM	241031.E_.	112"
	VAR. PITCH	#032 TRIM	CUSTOM	112"
SUB-CAP	4/12	#033 TRIM	241033	112"
	VAR. PITCH	#034 TRIM	CUSTOM	112"
STIFFENER	4/12	#037 TRIM	241037-ANY	96"
	VAR. PITCH	#038 TRIM	CUSTOM	96"

USE CAULK AT ALL SPLICES (P\N: 098325-___)

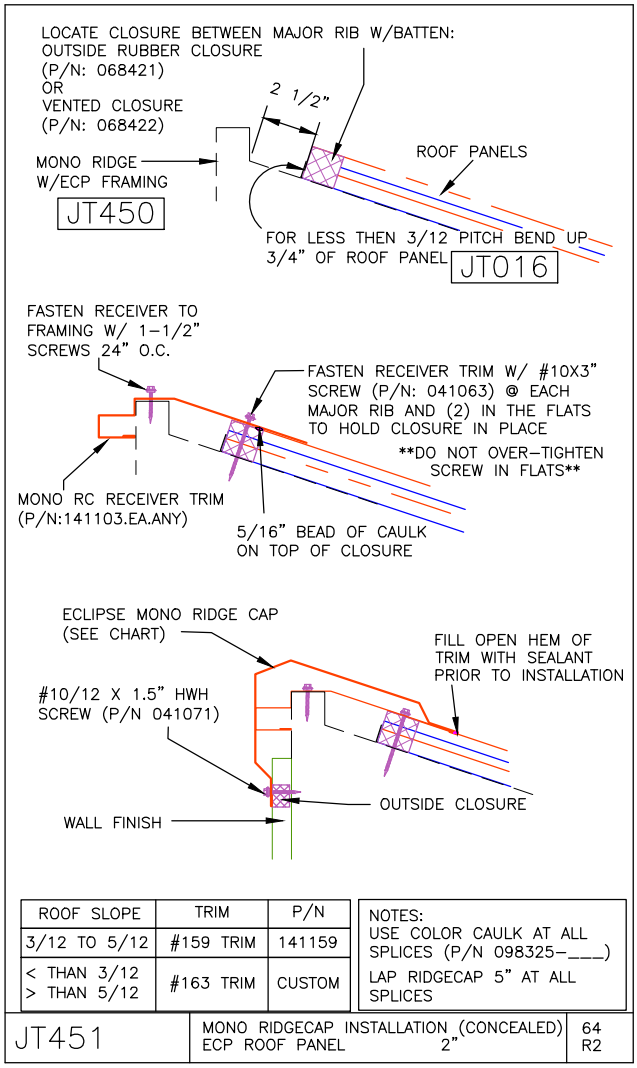
ALL SPLICES TO BE 4" AND STAGGERED BETWEEN SUB-CAP AND RIDGECAP

FIELD VERIFY THAT RIDGE CAP FITS TIGHT

TRIM RIDGE CAP CORNERS @ BOTH ENDS OF BUILDING



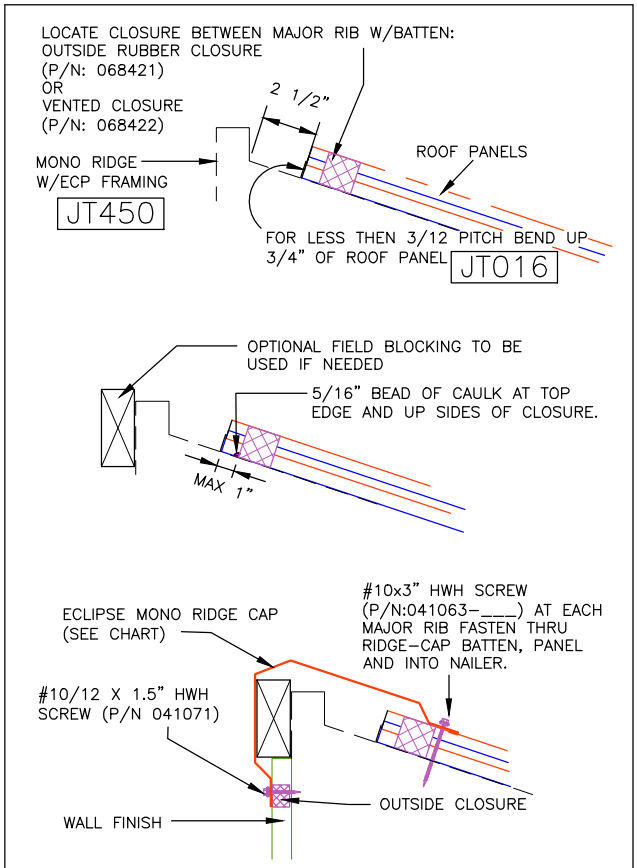
JT403	RIDGECAP & SUB-RIDGCAP CONNECTION ECP ROOF PANEL	64 R1



ROOF SLOPE	TRIM	P/N
3/12 TO 5/12	#159 TRIM	141159
< THAN 3/12 > THAN 5/12	#163 TRIM	CUSTOM

NOTES:
USE COLOR CAULK AT ALL SPLICES (P/N 098325-____)
LAP RIDGECAP 5" AT ALL SPLICES

JT451	MONO RIDGECAP INSTALLATION (CONCEALED) ECP ROOF PANEL 2"	64 R2

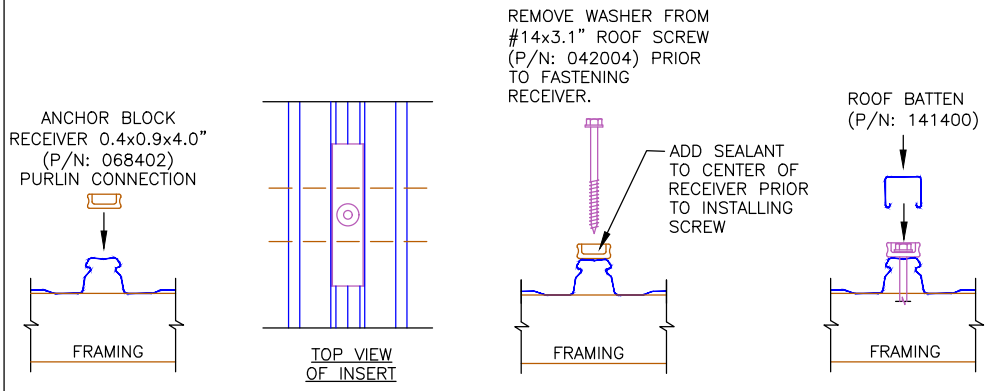


ROOF SLOPE	TRIM	P/N
3/12 TO 5/12	#159 TRIM	141159
< THAN 3/12 > THAN 5/12	#163 TRIM	CUSTOM

NOTES:
USE COLOR CAULK AT ALL SPLICES (P/N 098325-____)
LAP RIDGECAP 5" AT ALL SPLICES

JT452	MONO RIDGECAP INSTALLATION (EXPOSED) ECP ROOF PANEL 2"	64 R0

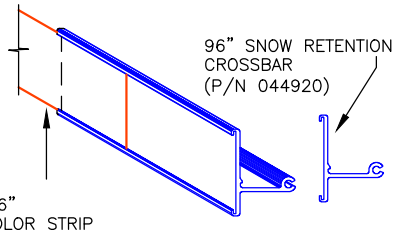
SEE CROSS SECTIONS AND ELEVATIONS FOR LOCATION OF SNOW RETENTION TRIMS



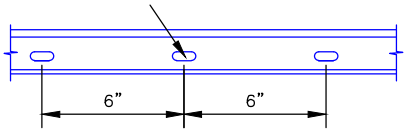
*** NOTE: MARK ROOF PANELS WHERE RECEIVERS ARE LOCATED PRIOR TO APPLYING BATTEN. LOCATION WILL BE HARD TO FIND ONCE BATTEN IS ATTACHED ***

JT495	ANCHOR BLOCK RECIEVER CONNECTION ECP RF PANEL-ATTACHING TO PURLIN 3"	96 R2

SEE CROSS SECTIONS AND ELEVATIONS FOR LOCATION OF SNOW RETENTION TRIMS

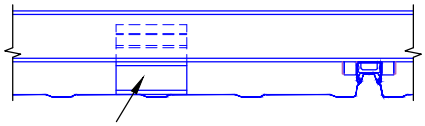


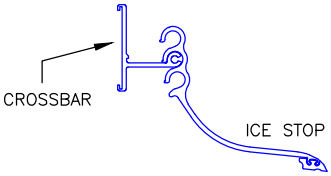
SLIDE A 2"x96"
CROSSBAR COLOR STRIP
(P/N: 06100_) INTO THE
FRONT OF THE CROSSBAR

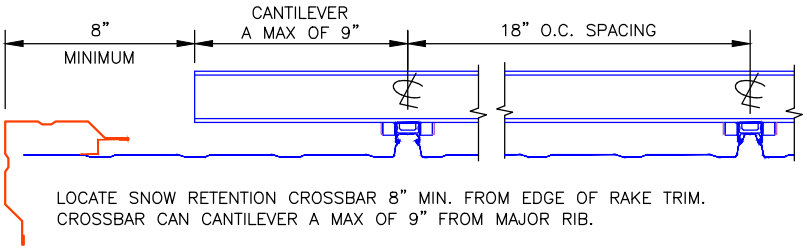


REAM OUT PRE-MADE HOLES FROM FIRST RIB
THEN 18"o.c. TO BE 5/8" DIA. FOR 1/2"
BOLT TO FIT THRU.

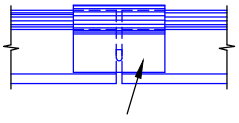
SLIDE THE ICE STOPS (P/N: 044921) ONTO THE SNOW RETENTION
CROSSBAR. (1) LOCATED CENTERED BETWEEN MAJOR RIBS.





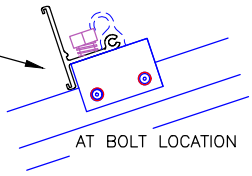


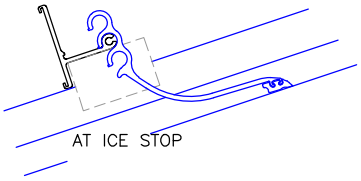
LOCATE SNOW RETENTION CROSSBAR 8" MIN. FROM EDGE OF RAKE TRIM.
CROSSBAR CAN CANTILEVER A MAX OF 9" FROM MAJOR RIB.



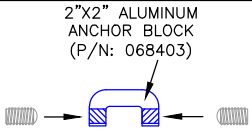
CROSSBAR SPLICE
TO BE USED TO INTERLOK
BARS TOGETHER

SPREAD THE ICE STOPS OUT AND
CENTER BETWEEN THE MAJOR
RIBS. FASTEN THE CROSSBAR TO
THE ANCHOR BLOCK WITH A 1/2"
HEX HEAD BOLT (P/N: 044902)
AND A 1/2" LOCK WASHER
(P/N: 044910)



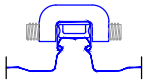


JT497	SNOW RETENTION CROSSBAR SYS. TO ROOF ECP ROOF PANEL	64 R4

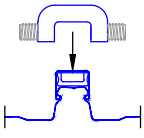


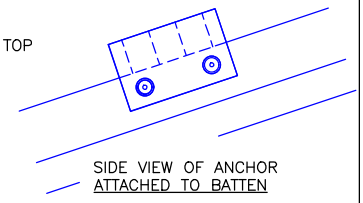
INSTALL (2) 3/8"-16 X 1/2"
HEX SKT SET OVAL TIP SCREWS
(P/N: 044900) ON EACH SIDE
OF ANCHOR

TIGHTEN THE SET SCREWS
SO BLOCK IS TIGHT
AGAINST TOP OF BATTEN



LOCATE ANCHOR BLOCK OVER TOP
OF BATTEN AT MARKED BLOCK
RECEIVERS LOCATIONS





SIDE VIEW OF ANCHOR
ATTACHED TO BATTEN

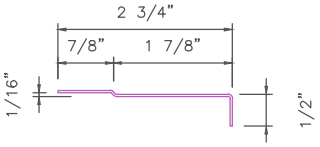
JT496	ALUMINUM ANCHOR BLOCK CONNECTION ECP ROOF PANEL	96 R0

Flashing & Trim Information

2" WIDE CROSSBAR FINISH (P/N: 061002)

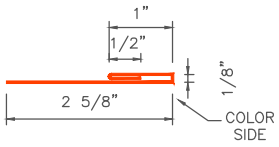
• LENGTH: 96"

20 GA. HIP SUBPAN (P/N: 142876)



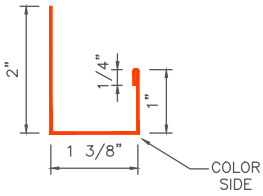
• LENGTH: 120"

#414 ECLIPSE HEMMED EDGE RECEIVER



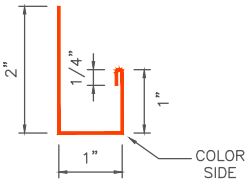
• LENGTH: 122"

#260 "J" CHANNEL



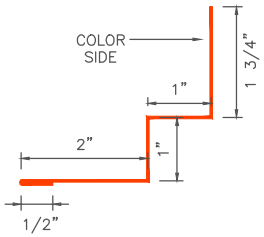
• LENGTH: 122" & 198"

#250 "J" CHANNEL



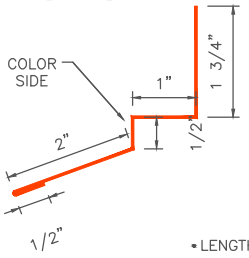
• LENGTH: 122"

#692 WALL TO ROOF 90° TRANSITION



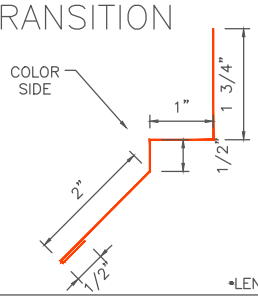
• LENGTH: 122"

#695 WALL TO 4/12 ROOF TRANSITION



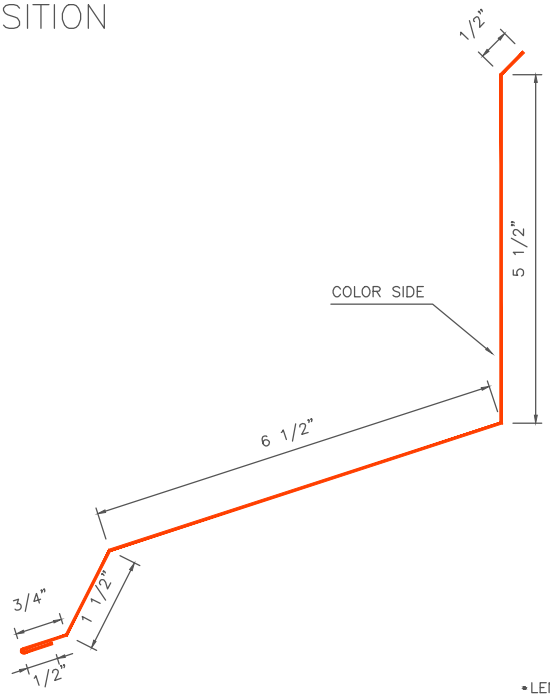
• LENGTH: 122"

#699 WALL TO 12/12 ROOF TRANSITION



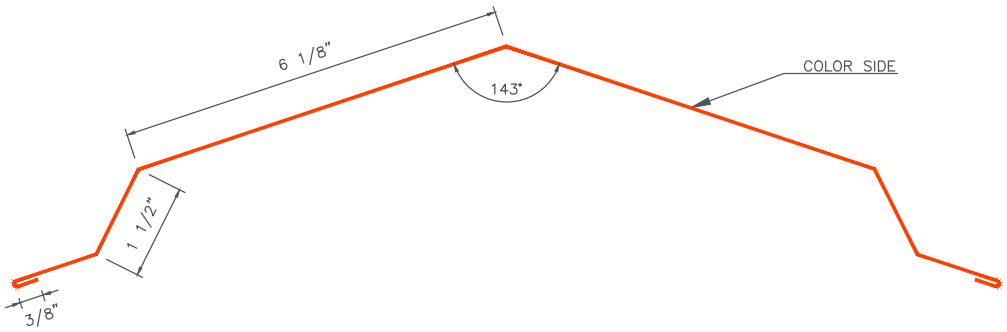
• LENGTH: 122"

#156 4/12 ROOF TO WALL TRANSITION



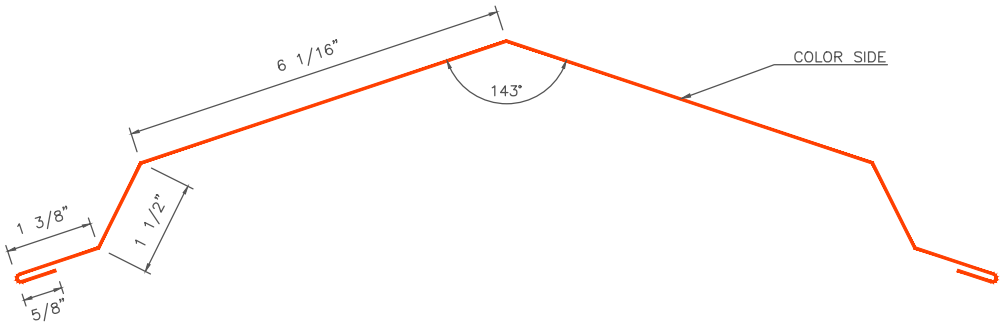
• LENGTH: 125"

#152 4/12 RIDGECAP



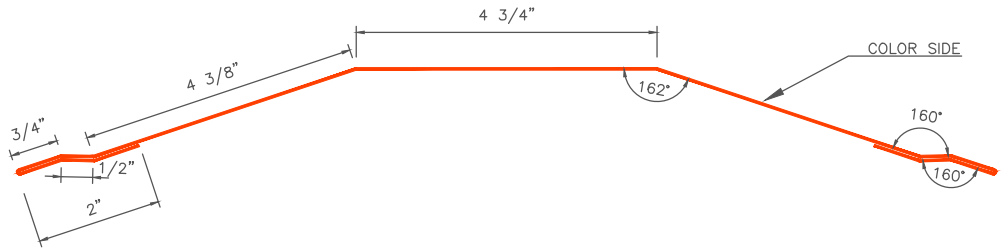
• LENGTH: 112" & 125"

#031 ECLIPSE 4/12 RIDGECAP



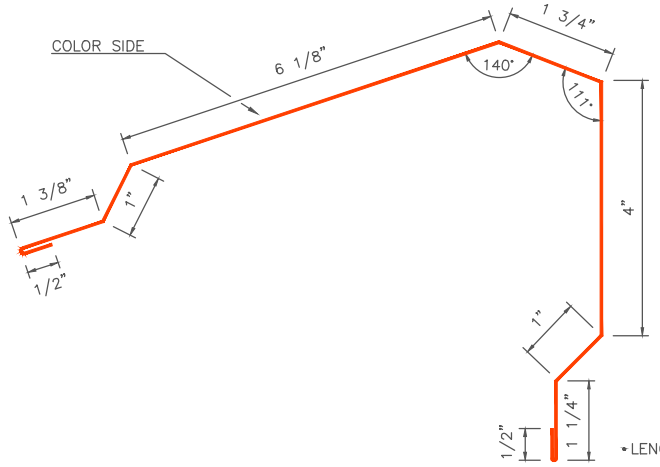
• LENGTH: 112"

#033 ECLIPSE 4/12 SUB-CAP



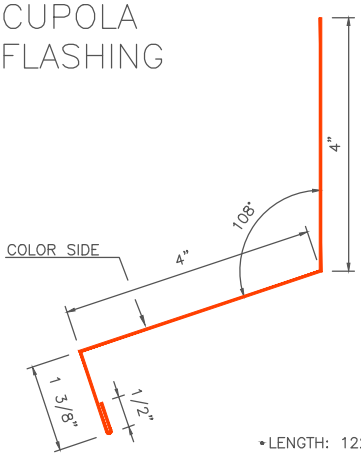
• LENGTH: 112"

#159 ECLIPSE MONO RIDGECAP



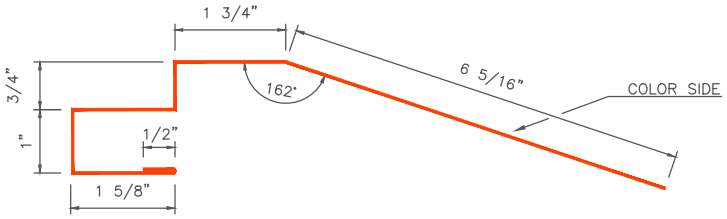
• LENGTH: 112"

#104 ECLIPSE 4/12 CUPOLA FLASHING



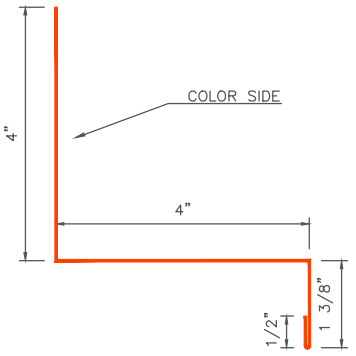
• LENGTH: 122"

#103 ECLIPSE MONO RIDGECAP RECEIVER



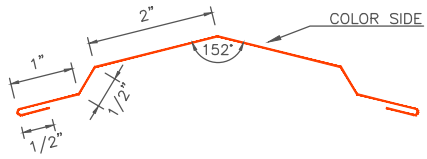
• LENGTH: 112"

#106 ECLIPSE 90° CUPOLA FLASHING



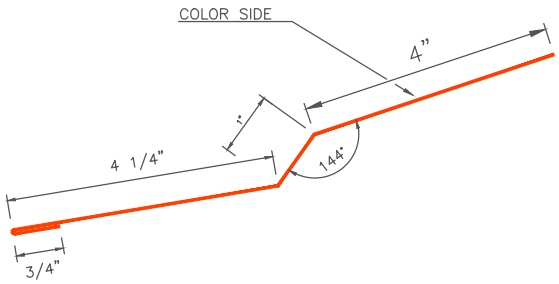
• LENGTH: 96"

#874 4/12 HIP CAP (ACCESSORY)



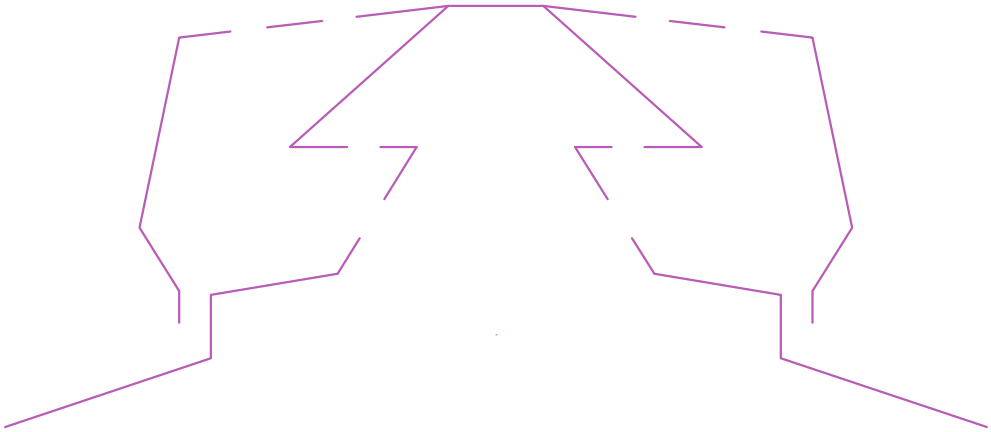
• LENGTH: 125"

#160 ECLIPSE ROOF PITCH TRANSITION (STEP DOWN IN FRAMING)



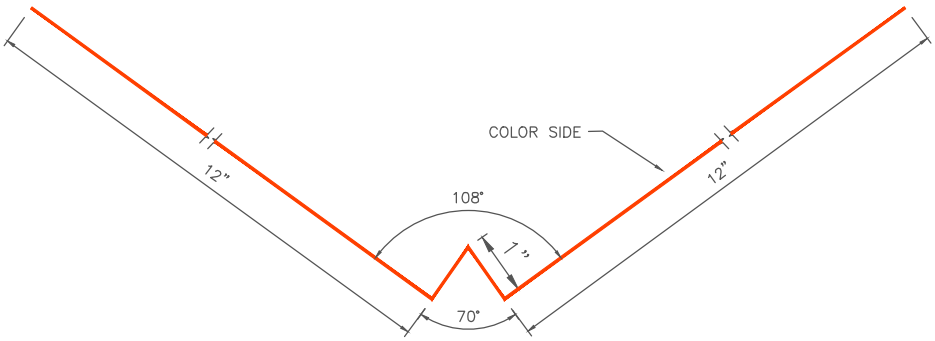
• LENGTH: 122"

LOW PROFILE RIDGEVENT



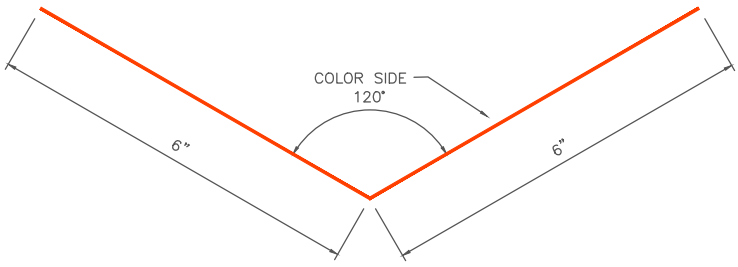
• LENGTH: 120"

#351 VALLEY FLASHING



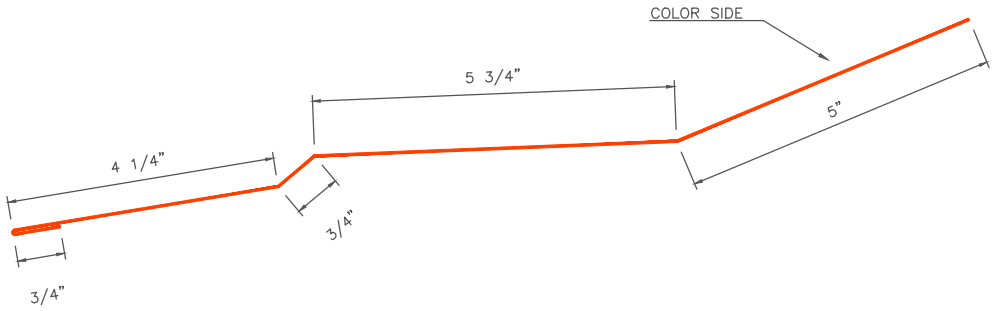
• LENGTH: 122"

#355 VALLEY SUPPORT PAN



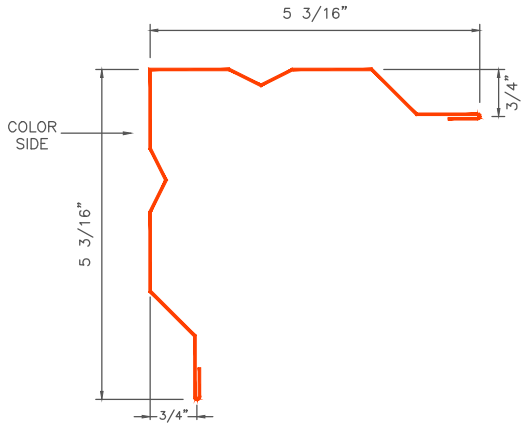
• LENGTH: 122"

#165 ECLIPSE ROOF PITCH TRANSITION (NO STEPDOWN IN FRAMING)



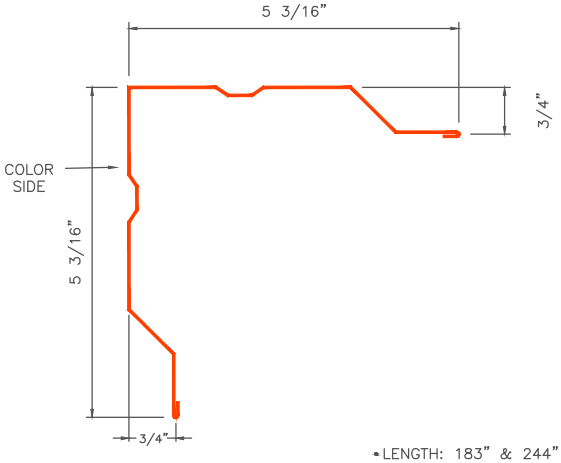
•LENGTH: 122"

#019 RAKE/CORNER (FOLDED PROFILE)



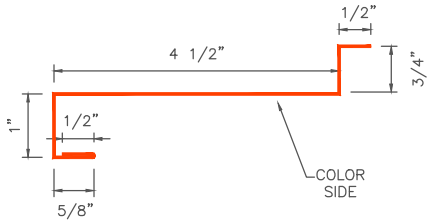
•LENGTH: 183" & 244"

#820 RAKE/CORNER (ROLL-FORMED PROFILE)



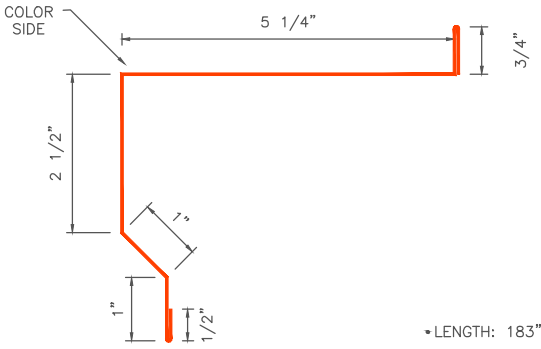
•LENGTH: 183" & 244"

#415 RAKE RECEIVER



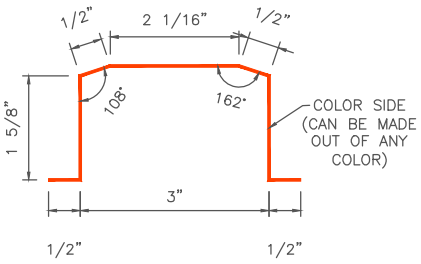
•LENGTH: 122"

#821 RAKE TRIM (ROOF TERM. PART DN BLDG)



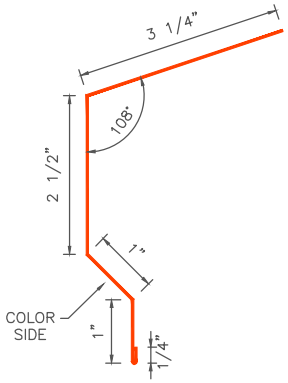
•LENGTH: 183"

#037 ECLIPSE RIDGE STIFFENER



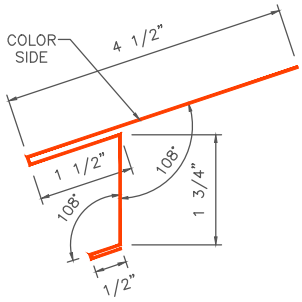
• LENGTH: 96"

#170 EAVE



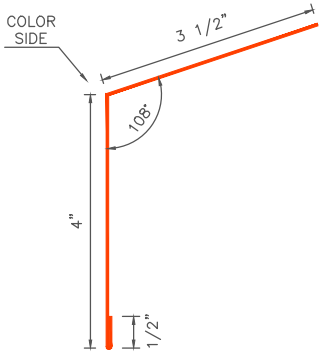
• LENGTH: 122"

#044 DRIP EDGE COVER



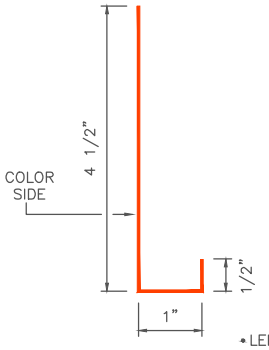
• LENGTH: 122"

#865 GUTTER PREP



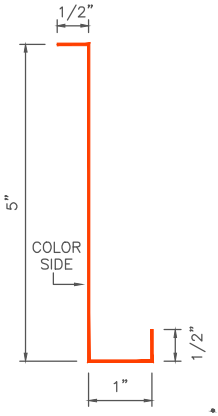
• LENGTH: 122"

#670 FASCIA



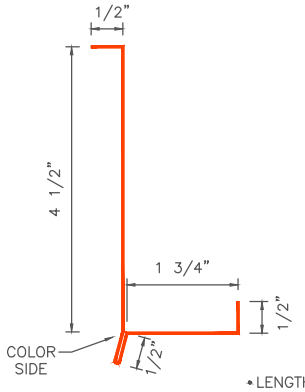
• LENGTH: 122"

#672 FASCIA W/STIFFENER



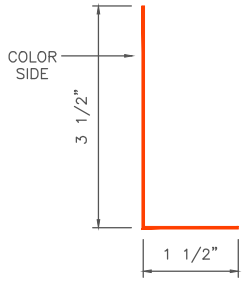
• LENGTH: 122"

#674 FASCIA W/ DRIP EDGE



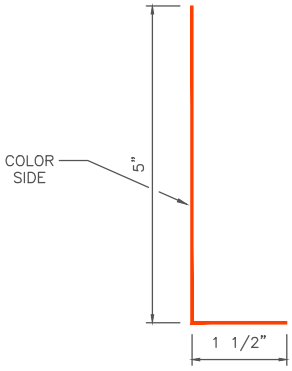
• LENGTH: 122"

#270 "L" FLASHING (3-1/2" LEG)



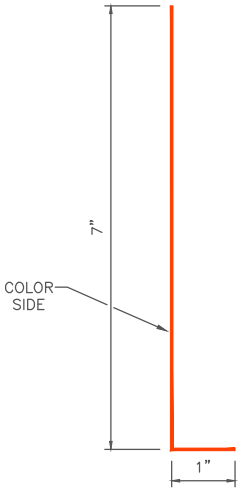
* LENGTH: 122"

#520 "L" FLASHING (5" LEG)



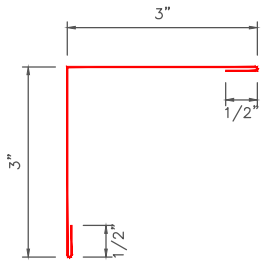
* LENGTH: 122"

#510 "L" FLASHING (7" LEG)



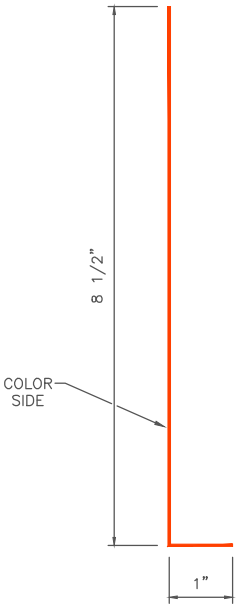
* LENGTH: 122"

#920 3X3 OUTSIDE CORNER FLASHING



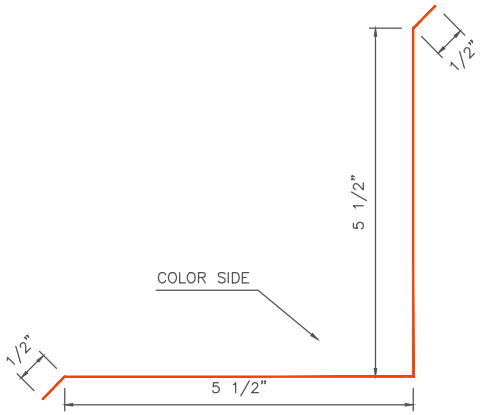
* LENGTH: 122"

#550 "L" FLASHING (8" LEG)



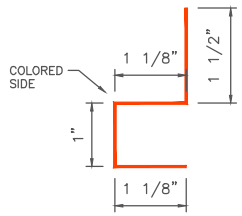
* LENGTH: 122"

#690 FLASHING TO EXISTING



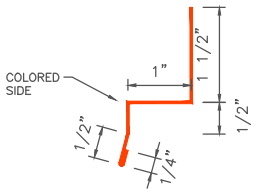
* LENGTH: 122"

#190 BOTTOM CLOSURE



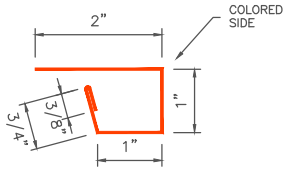
• LENGTH: 122"

#230 "Z" FLASHING



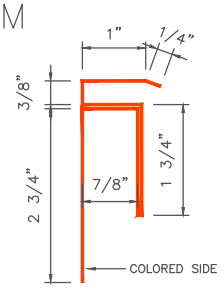
• LENGTH: 122"

#890 "C" TRIM



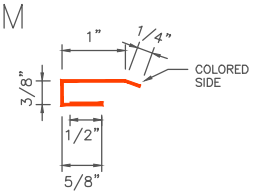
• LENGTH: 170" & 244"

#142 FJS SOFFIT TRIM



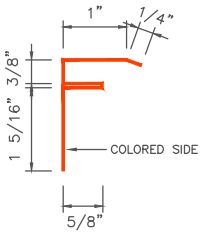
• LENGTH: 122"

#144 J38 SOFFIT TRIM



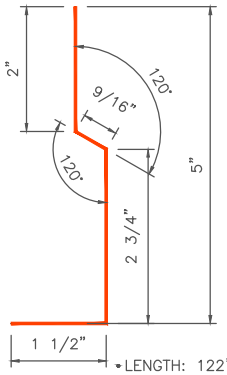
• LENGTH: 122"

#146 F38 SOFFIT TRIM



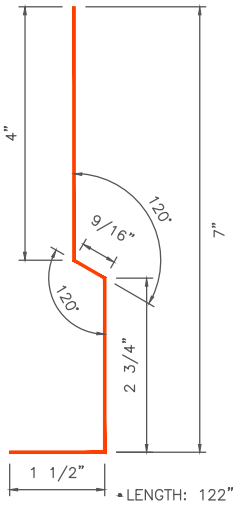
• LENGTH: 122"

#522 5" JAMB FLASHING



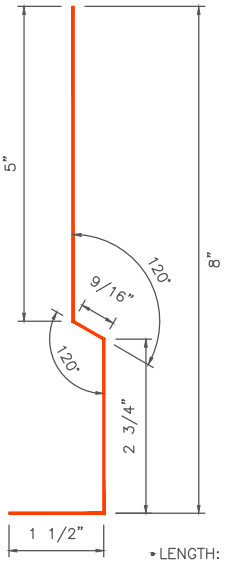
• LENGTH: 122"

#512 7" JAMB FLASHING



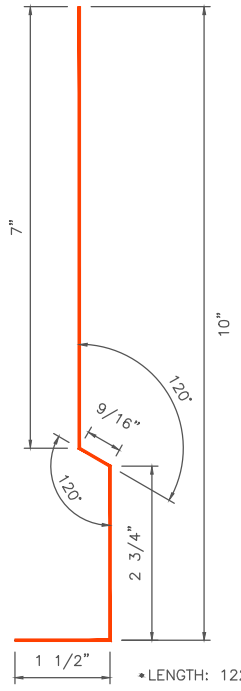
• LENGTH: 122"

#552 8" JAMB FLASHING



• LENGTH: 122"

#555 10" JAMB FLASHING



• LENGTH: 122"

Revised 11/12/20 BLH