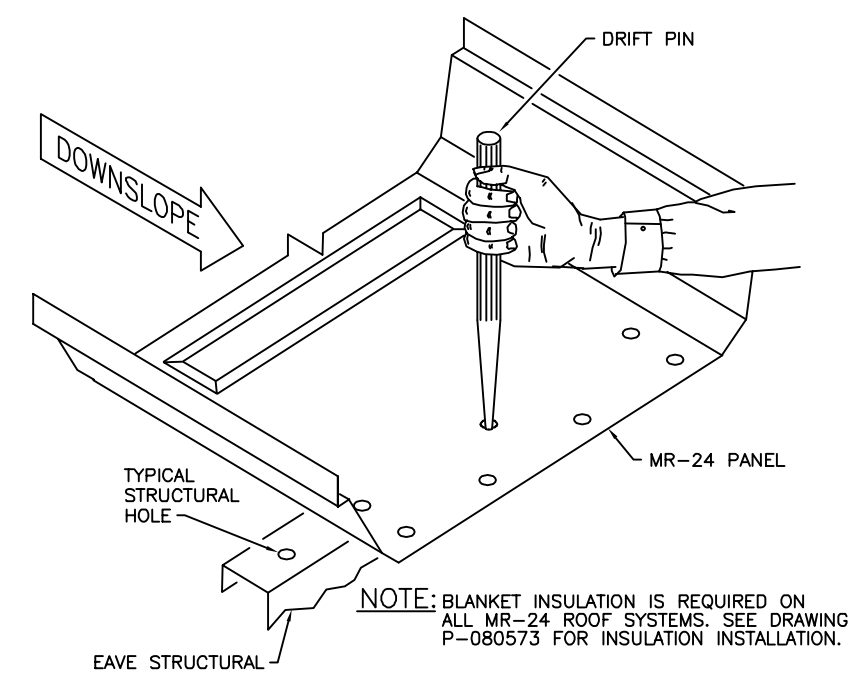


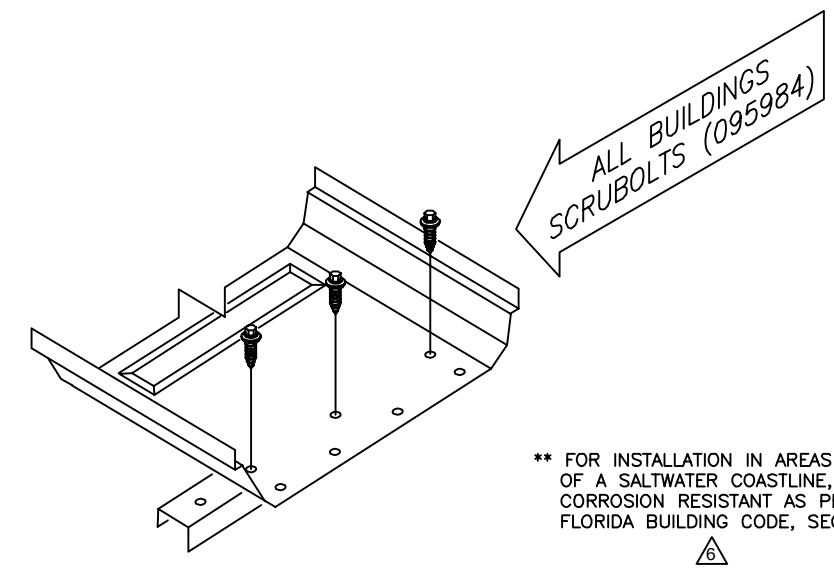
REVISION NUMBER 5				REVISION NUMBER 4				REVISION NUMBER 3				REVISION NUMBER 2				REVISION NUMBER 6			
ADD FLORIDA APPROVAL LOGO				ADD PRODUCT APPROVAL NOTE				REVISED TO ADD SEALANT APPLICATION NOTE TO STEP 4. SPECIFIC TO HIGH SIDE SINGLE SLOPE BUILDINGS.				REVISED TO ADD IMPORTANT NOTE TO CALLOUT TO ALWAYS MAKE SURE THE QUICK RELEASE PINS ARE IN PLACE BEFORE ATTEMPTING TO PLACE ROOF RUNNER ON STARTING PLATFORM.				ADDED THE FBC CORROSION NOTE.			
DATE 09/02/20				DATE 05/23/19				DATE 10/23/18				DATE 09/20/16				DATE 09/16/26			
DWBY CHKD RLB				DWBY CHKD RLB				DWBY CHKD RLB				DWBY CHKD RLB				DWBY CHKD RLB			
BSN				BSN				RHE				RHE				NF			



STEP 1 – LOCATE STRUCTURAL HOLE

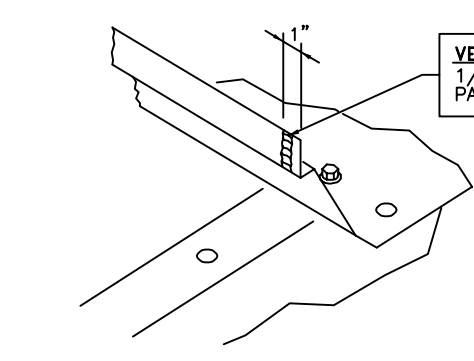
- REFER TO ROOF PANEL LAYOUT DRAWING PROVIDED WITH EACH ORDER FOR PANEL PLACEMENT.
- PANEL CLIPS ARE NOT INSTALLED AT EAVE STRUCTURAL.

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



STEP 2 – INSTALL FASTENERS

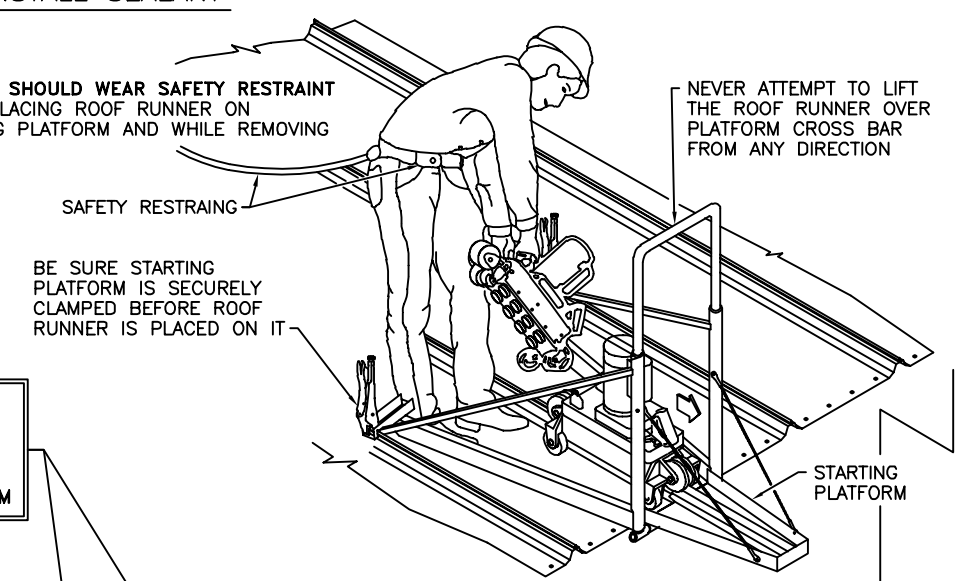
- INSTALL APPROPRIATE FASTENERS BEFORE PANEL CORRUGATIONS ARE LOCK SEAMED.



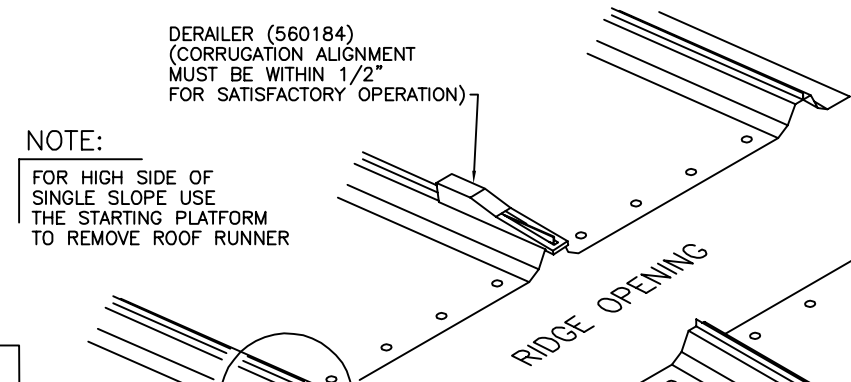
STEP 3 – INSTALL SEALANT

- WORKER SHOULD WEAR SAFETY RESTRAINT WHILE PLACING ROOF RUNNER ON STARTING PLATFORM AND WHILE REMOVING

NOTE:
TO HELP PREVENT WALL STAINING CAUSED BY ROOF RUN-OFF, INSTALL EAVE EDGE OF ROOF TRIM OR GUTTER PARTS IMMEDIATELY AFTER ROOF PANELS ARE INSTALLED.

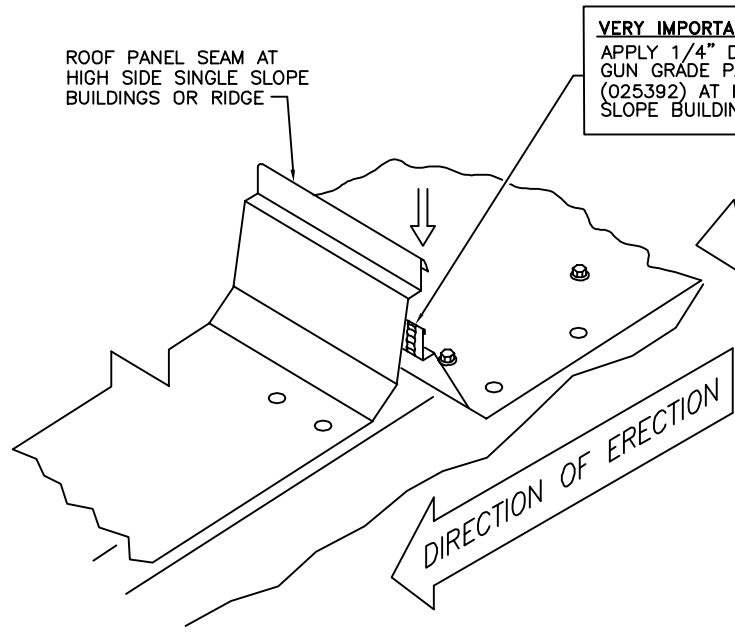


IMPORTANT:
QUICK RELEASE PINS MUST ALWAYS BE IN PLACE BEFORE ATTEMPTING TO PLACE ROOF RUNNER ON STARTING PLATFORM



STEP 5 – CRIMP PANEL

- BEFORE STARTING SEAMING OPERATION CRIMP THE START OF SEAM FOR EASE OF ROOF RUNNER ENGAGEMENT.



STEP 4 – NEXT PANEL

- DO NOT LAY PANELS TOO FAR AHEAD OF THE SEAMING OPERATION.

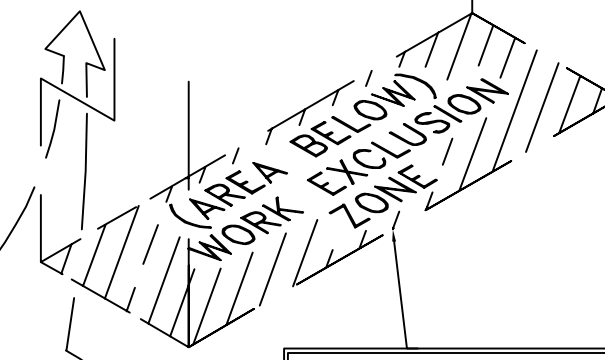
IMPORTANT:
DO NOT USE C-CLAMP STYLE LOCKING PLIERS WHEN SECURING THE STARTING PLATFORM AT MR-24 CORRUGATION SEAM LOCATIONS. ONLY CURVED JAW TYPE, (9" MIN.), MAY BE USED.

STEP 6 – SEAMING OPERATION

- BE SURE PANELS ARE PROPERLY NESTED TOGETHER PRIOR TO SEAMING.
- PANELS CAN BE TEMPORARILY HELD IN PLACE WITH VICE GRIPS BEFORE SEAMING.

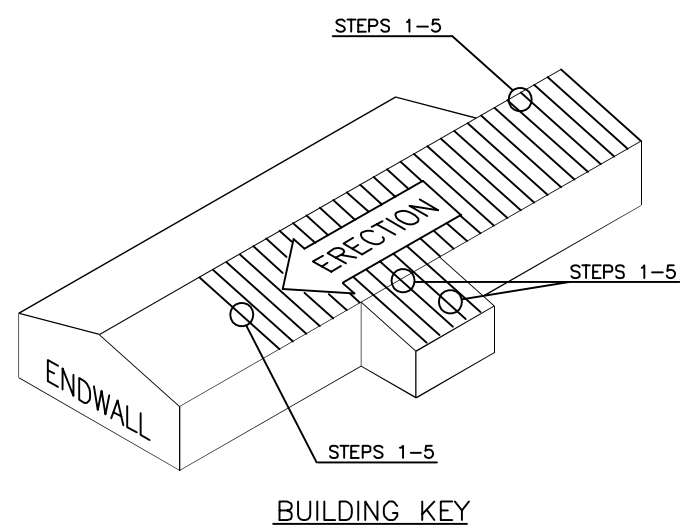


THIS DRAWING IS INCLUDED IN A PRODUCT APPROVAL PACKAGE
REVISIONS MUST BE APPROVED BY THE MANAGER OF PRODUCT EXCELLENCE

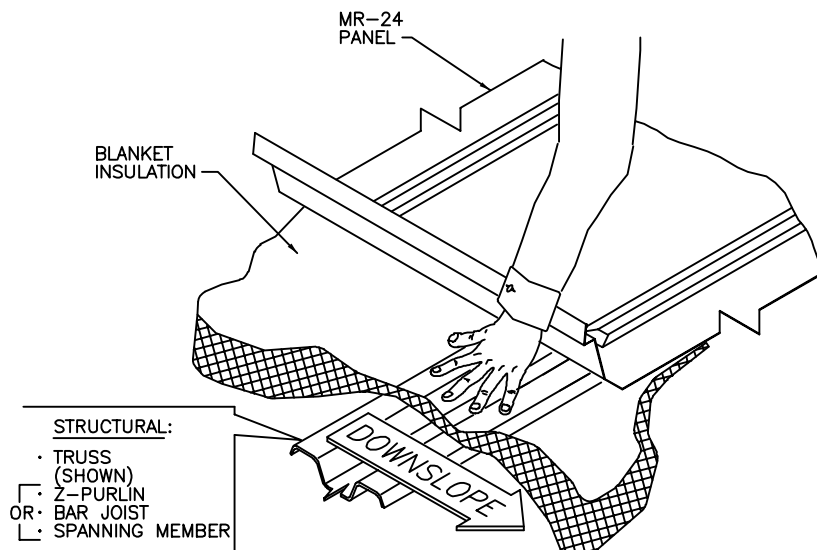


MR-24 PANEL INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-030-01	
RKH	ACM		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/16/26		
B		P-080575	06

REVISION NUMBER 5		ADD PRODUCT APPROVAL NOTE	
DATE	05/23/19	DWBY	CHKO RLB
REVISION NUMBER 4		REVISED THE IMPORTANT NOTE, ADDED THE SECOND LINE.	
DATE	04/13/16	DWBY	CHKO RLR
REVISION NUMBER 8		ADDED THE FBC CORROSION NOTE.	
DATE	09/16/26	DWBY	CHKO RLB
REVISION NUMBER 7		REVISED TO CHANGE THE DIMENSION FOR EXTRA TALL PANEL CLIP INSULATION TO 6" TO 9 1/4", WAS 6" TO 9".	
DATE	11/09/21	DWBY	CHKO RHE
REVISION NUMBER 6		ADD FLORIDA APPROVAL LOGO	
DATE	09/02/20	DWBY	CHKO RLB

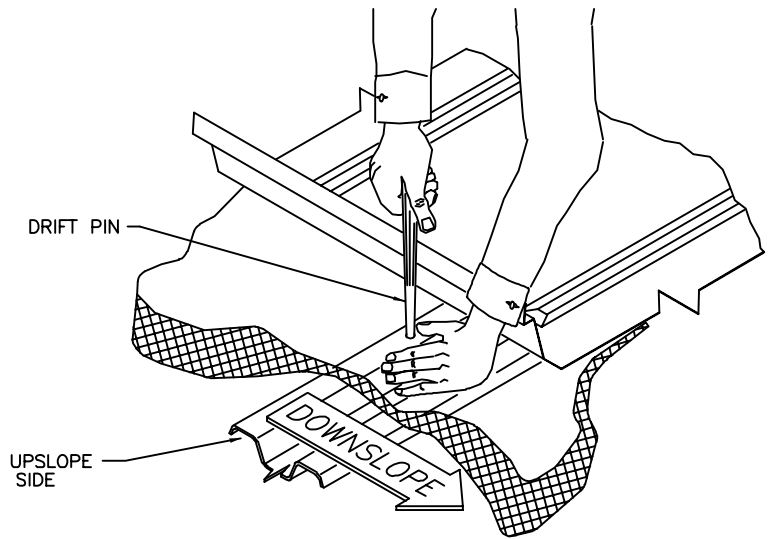


BUILDING KEY



STEP 1 LOCATE STRUCTURAL

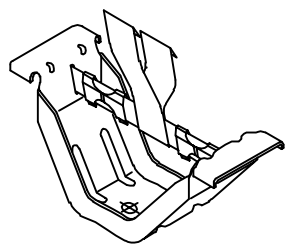
FROM THE ADJACENT MR-24 PANEL, LOCATE THE STRUCTURAL UNDER THE BLANKET INSULATION.



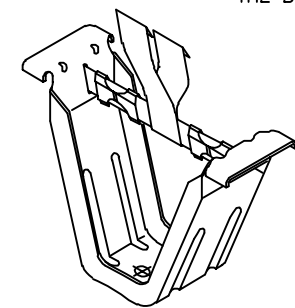
STEP 2 LOCATE HOLE IN STRUCTURAL WITH DRIFT PIN

IMPORTANT NOTE: ALWAYS LOCATE PANEL CLIPS ON THE UPSLOPE SIDE OF TRUSS OR DELTA JOIST. (FOR DELTA JOIST SYSTEM, AT THE HIGH SIDE OF SINGLE SLOPE MOUNT CLIP ON ROOF SUPPORT ANGLE.)

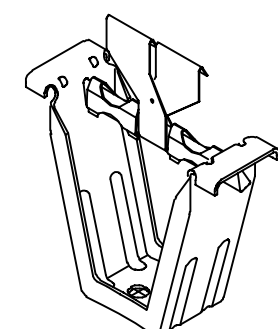
*NOTE:
MR-24 CLIP 560743, 560744 OR 560745 MAY BE SUPPLIED WHEN FACTORY MUTUAL CLASSIFICATION IS SPECIFIED.



SHORT PANEL CLIP (560440 OR *560743)
(WITHOUT THERMAL SPACER BLOCK)



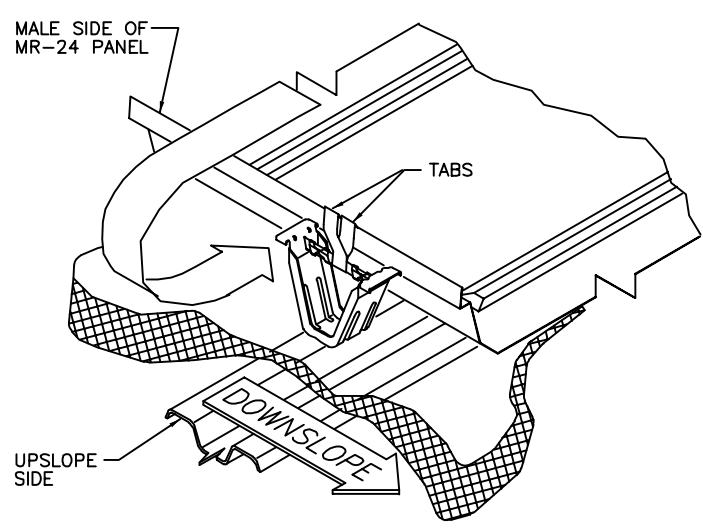
TALL PANEL CLIP (560441 OR *560744)
(WITH THERMAL SPACER BLOCK)



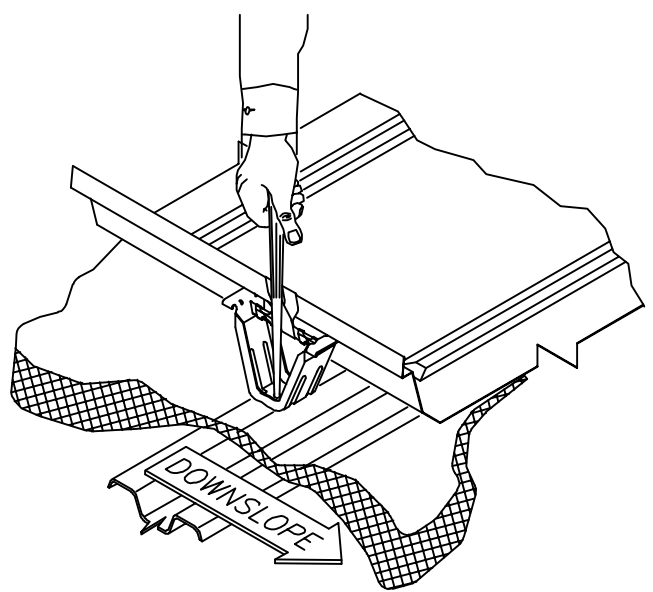
EXTRA TALL PANEL CLIP (*560745)
(WITH THERMAL SPACER BLOCK FOR >6" TO 9 1/4" INSULATION)

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

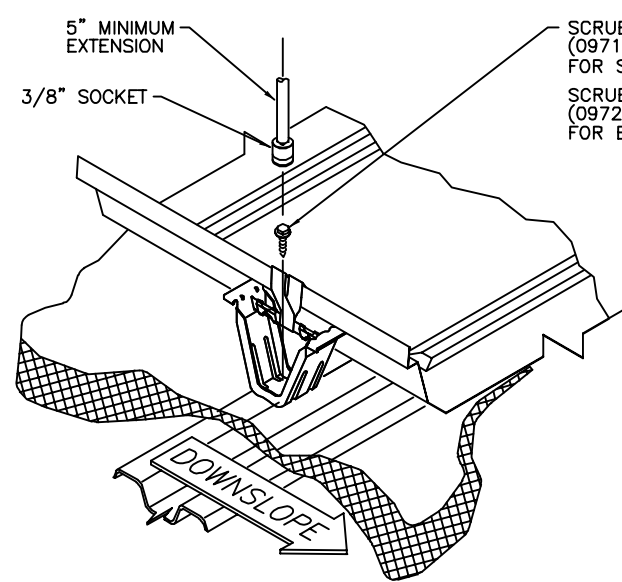
** FOR INSTALLATION IN AREAS WITHIN 3000 FEET OF A SALTWATER COASTLINE, FASTENERS ARE CORROSION RESISTANT AS PER THE FLORIDA BUILDING CODE, SECTION 1711.



STEP 3 HOOK PANEL CLIP TABS OVER PANEL AND ROTATE CLIP INTO POSITION



STEP 4 TEMPORARILY SECURE THE PANEL CLIP WITH A DRIFT PIN



STEP 5 INSTALL SCRUBOLT FASTENER
INSTALLATION OF SCRUBOLT REQUIRES A 3/8" SOCKET AND A 5" (MINIMUM) EXTENSION.

IMPORTANT NOTE

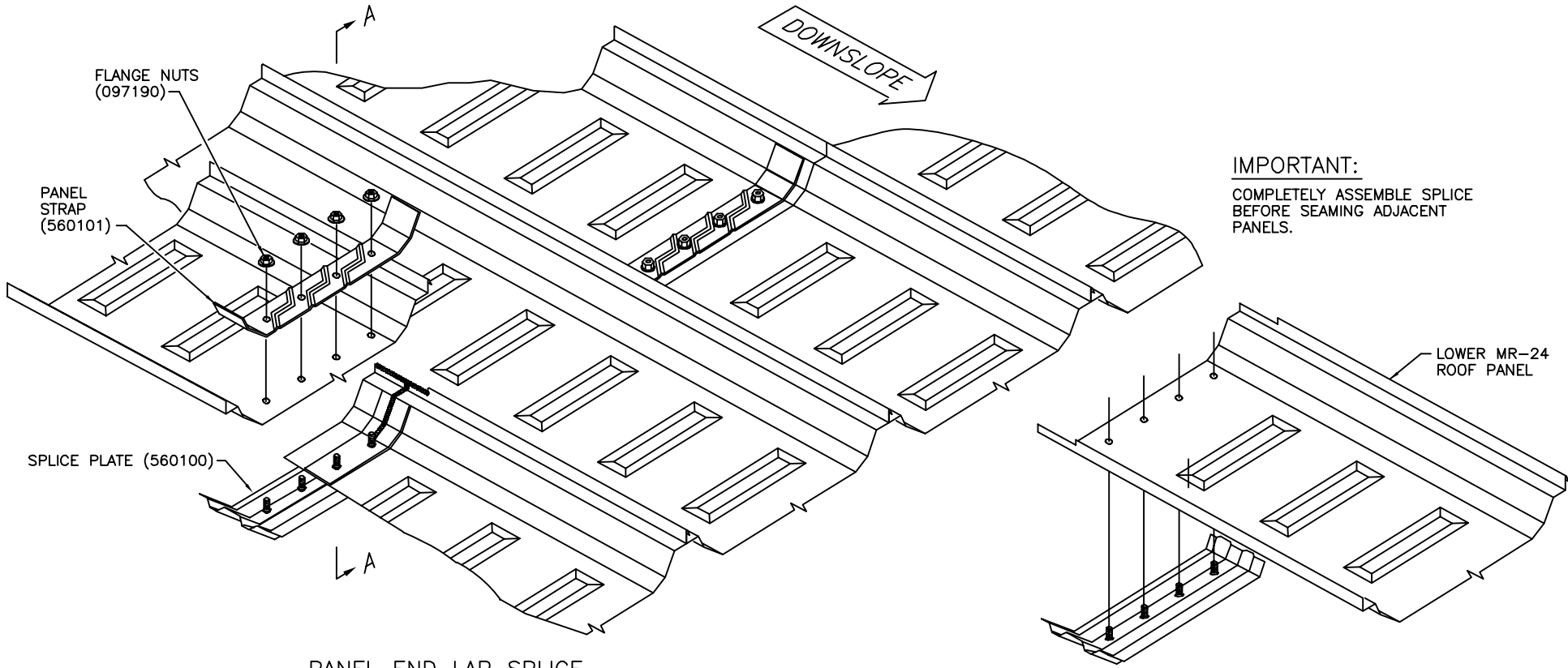
1. ALWAYS MAKE SURE TABS ARE CENTERED IN THE MR-24 CLIP AFTER THE CLIP IS INSTALLED.
2. PANEL CLIPS MUST BE ATTACHED TO ALL ROOF SECONDARY SUPPORT MEMBERS INCLUDING ALL INTERMEDIATE MEMBERS, SUB-PURLINS, ETC.

THIS DRAWING IS INCLUDED IN A PRODUCT APPROVAL PACKAGE
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MR-24 PANEL CLIP INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-030-01	
RKH	RMS		
FIRST RELEASE DATE	REVISION DATE	B	P-080576 08
01/21/10	09/16/26		

REVISION NUMBER 5	ADD PRODUCT APPROVAL NOTE		DATE	DWBY	CHKD	RLB
			05/23/19	DWBY	CHKD	RLB
REVISION NUMBER 4	REVISED TO ADD TORQUE LIMITER SOCKET DETAIL AND DIRECTIONS FOR USE.		DATE	DWBY	CHKD	RLB
			08/06/18	DWBY	CHKD	RLB
REVISION NUMBER 3	REVISED TO ADD TORQUE LIMITER SOCKET DETAIL AND DIRECTIONS FOR USE.		DATE	DWBY	CHKD	RLB
			08/06/18	DWBY	CHKD	RLB
REVISION NUMBER 2	REVISED TO ADD TORQUE LIMITER SOCKET DETAIL AND DIRECTIONS FOR USE.		DATE	DWBY	CHKD	RLB
			08/06/18	DWBY	CHKD	RLB
REVISION NUMBER 1	REVISED TO ADD TORQUE LIMITER SOCKET DETAIL AND DIRECTIONS FOR USE.		DATE	DWBY	CHKD	RLB
			08/06/18	DWBY	CHKD	RLB
REVISION NUMBER 6	ADD FLORIDA APPROVAL LOGO		DATE	DWBY	CHKD	RLB
			09/02/20	DWBY	CHKD	RLB
REVISION NUMBER 7	REVISED TO ADD BAR JOIST PROFILE PER USER STORY #142173.		DATE	DWBY	CHKD	RLB
			06/16/23	DWBY	CHKD	RLB
REVISION NUMBER 8	ADDED THE FBC CORROSION NOTE.		DATE	DWBY	CHKD	RLB
			09/16/26	DWBY	CHKD	RLB

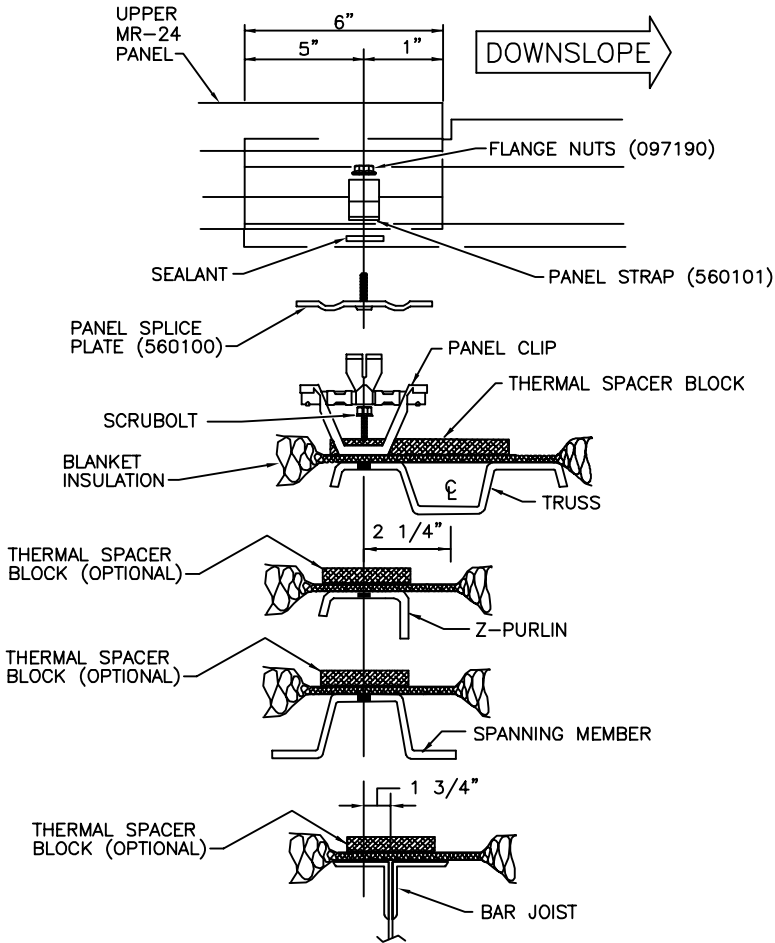


PANEL END LAP SPICE

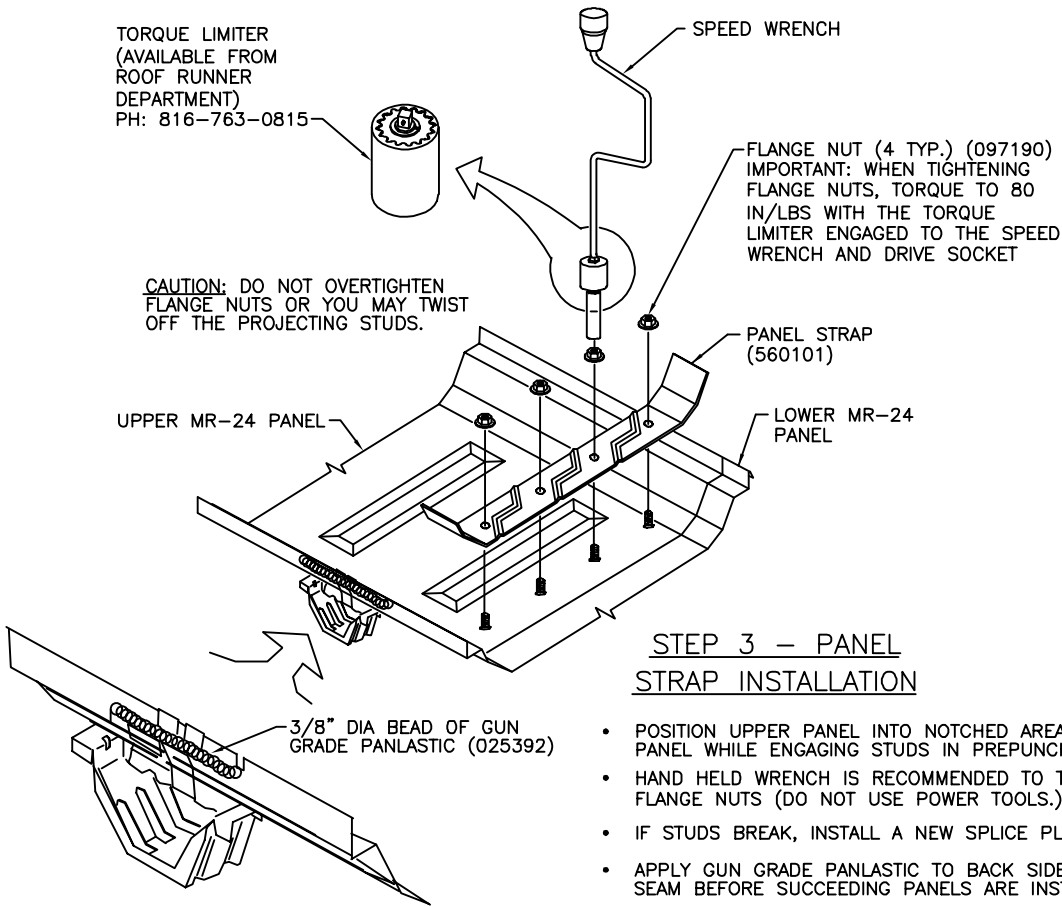
- PUNCHED AND NOTCHED PANELS ARE FURNISHED WITH LENGTHS CALCULATED FOR END LAP SPICES TO OCCUR OVER SECONDARY STRUCTURALS.
- REFER TO ROOF PANEL LAYOUT DRAWINGS PROVIDED WITH EACH ORDER FOR PROPER PLACEMENT OF STAGGERED END LAP SPICE LOCATIONS.

STEP 1 – SPLICE PLATE INSTALLATION

- ATTACH PANEL AT EAVE TO STRUCTURAL MEMBER.
- FOR EASE OF INSTALLATION, SPLICE PLATE (560100) CAN BE TEMPORARILY ATTACHED TO PANEL WITH (2) FLANGE NUTS BEFORE POSITIONING PANEL.

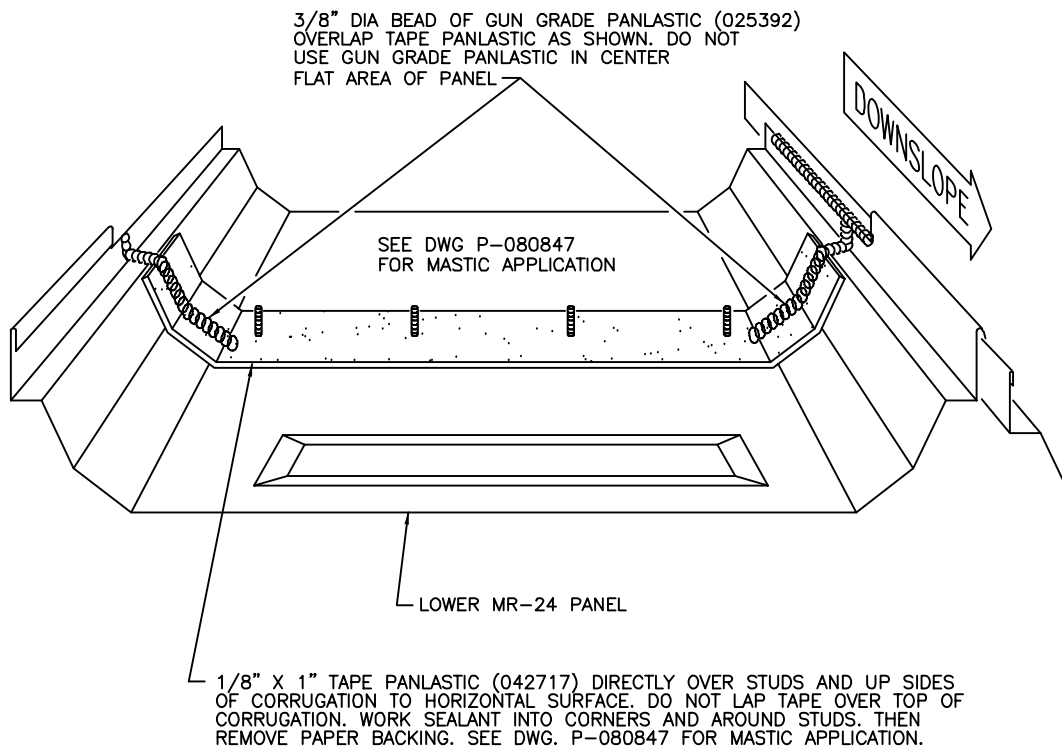


SECTION A-A

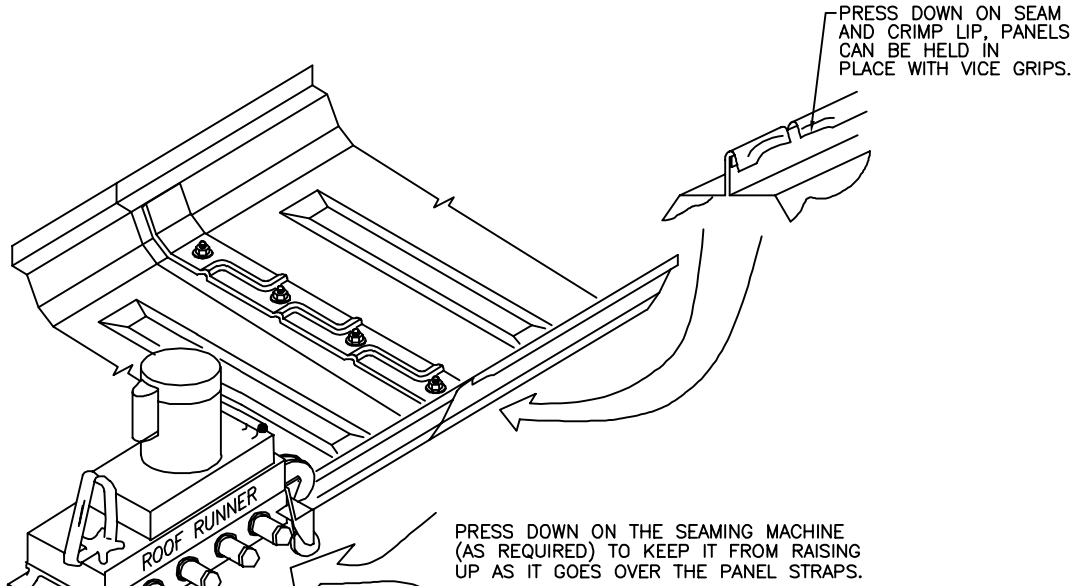


STEP 3 – PANEL STRAP INSTALLATION

- POSITION UPPER PANEL INTO NOTCHED AREA ON LOWER PANEL WHILE ENGAGING STUDS IN PREPUNCHED HOLES.
- HAND HELD WRENCH IS RECOMMENDED TO TIGHTEN FLANGE NUTS (DO NOT USE POWER TOOLS.)
- IF STUDS BREAK, INSTALL A NEW SPLICE PLATE.
- APPLY GUN GRADE PANLASTIC TO BACK SIDE OF SEAM BEFORE SUCCEEDING PANELS ARE INSTALLED.



STEP 2 – SEALANT APPLICATION



STEP 4 – SEAMING OPERATION

- INSPECT EACH END LAP SPICE FOR PROPER FIT AND WEATHER TIGHTNESS.
- IF REPAIR OF A STUD IS REQUIRED AFTER PANELS HAVE BEEN SEAMED, DRILL STUD OUT WITH 5/16" DIA BIT, APPLY GUN GRADE PANLASTIC BETWEEN PANEL AND PANEL STRAP THEN INSTALL GREEN WASHER LOCKRIVET (096306) (DO NOT ANCHOR TO SECONDARY STRUCTURAL).

NOTE:

- SEE DRAWING P-090005 FOR 12" VARIABLE WIDTH PANEL INFORMATION.

** FOR INSTALLATION IN AREAS WITHIN 3000 FEET OF A SALTWATER COASTLINE, FASTENERS ARE CORROSION RESISTANT AS PER THE FLORIDA BUILDING CODE, SECTION 1711.

THIS DRAWING IS INCLUDED IN A PRODUCT APPROVAL PACKAGE
REVISIONS MUST BE APPROVED BY THE MANAGER OF PRODUCT EXCELLENCE



MR-24 END LAP SPICE			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-030-01	
ACM	RKH		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/16/26		

B

P-080577

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