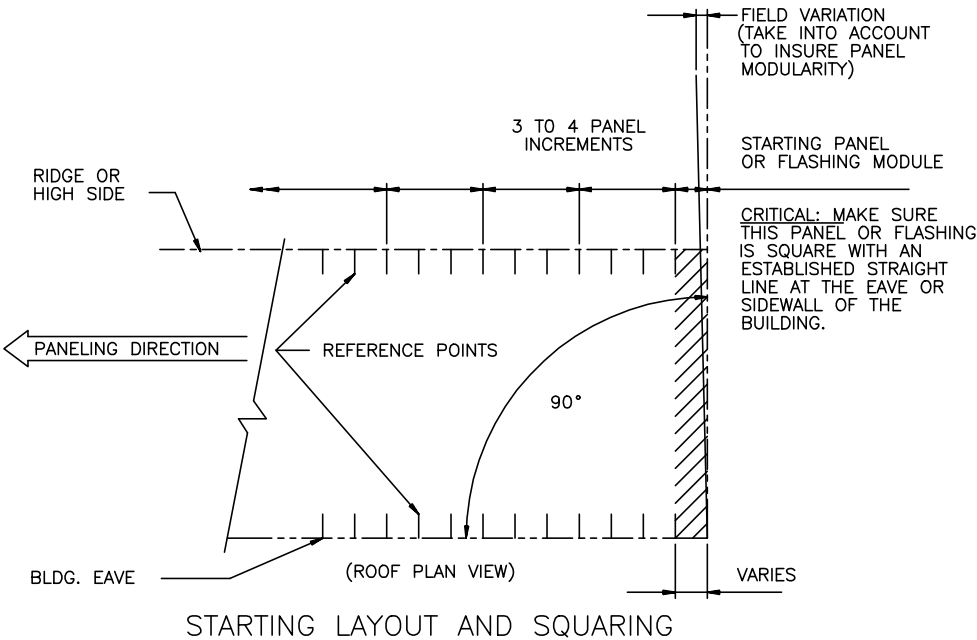
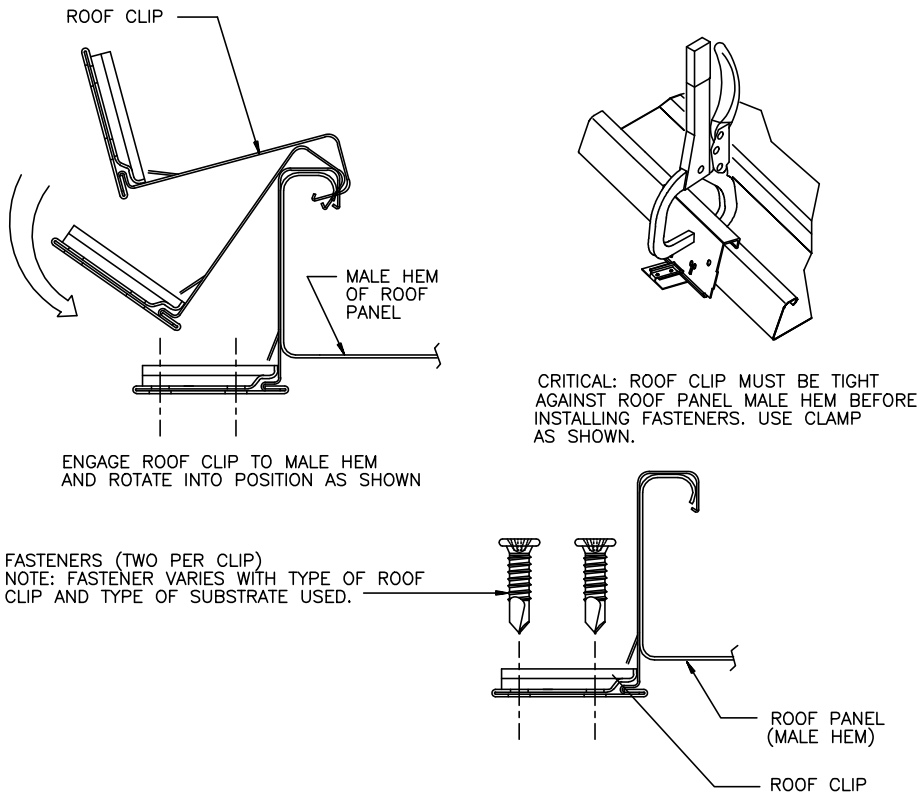


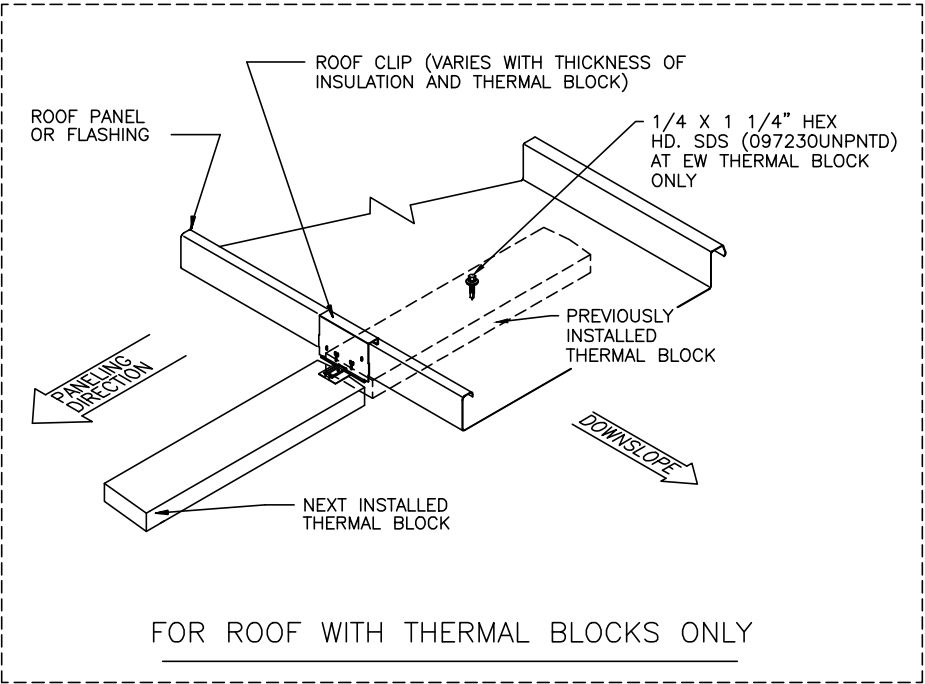
REVISION NUMBER 1				REVISION NUMBER 2				REVISION NUMBER 3				REVISION NUMBER 4			
GENERAL REVISION.				REVISED CRITICAL MASTIC APPLICATION AT EAVE ATTACHMENT. REMOVE THE ADDITIONAL TAPE PANLASTIC SO IT IS THE SAME AS THE LOW EAVE END.				ADD 097230 FOR THERMAL BLOCK ATTACHMENT AT EW ONLY.				REVISED TO ADD METRIC CALLOUTS AND LAYOUT TABS. ENH #24556.			
DATE	02/10/10			DATE	02/16/11			DATE	03/05/12			DATE	12/04/18		
DWBY	CHKD	RHE		DWBY	CHKD	RHE		DWBY	CHKD	BSN		DWBY	CHKD	BSN	
BJF				BJF				BJF				RHE			



IT IS IMPORTANT TO CONSIDER OVERALL BUILDING DIMENSIONS AND ACTUAL VARIATIONS TO ESTABLISH THE STARTING PANEL MODULE LINE. ALWAYS CALCULATE STARTING AND ENDING PANEL MODULE DIMENSIONS AS WELL AS RIDGE/HIP AND SIDEWALL OVERHANG PANEL DIMENSIONS BEFORE INSTALLING THE FIRST PANEL. MAKE SURE STARTING ENDWALL PANEL OR FLASHING IS AT A RIGHT ANGLE TO THE SIDEWALL (EAVE OF BLDG.). ONCE STARTING MODULE LINES ARE ESTABLISHED, ADDITIONAL REFERENCE POINTS EVERY 3 TO 4 PANELS ON BOTH ENDS ARE REQUIRED TO MAINTAIN PANEL MODULE.

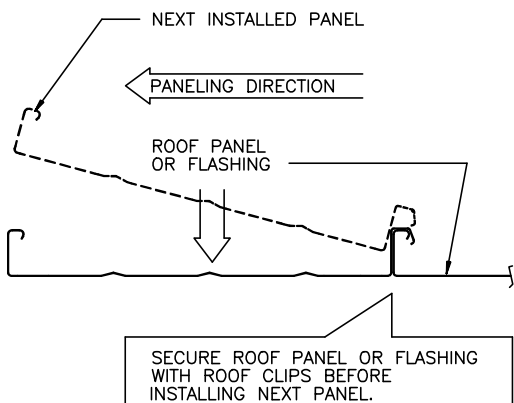


PANEL CLIP INSTALLATION



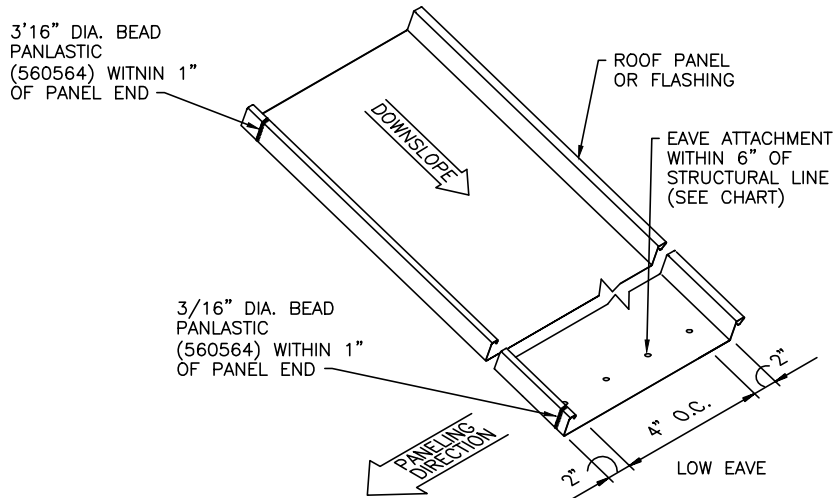
FOR ROOF WITH THERMAL BLOCKS ONLY

WARNING
YOU MAY FALL FROM ROOF AND BE KILLED OR SERIOUSLY INJURED.
-ANY PANEL CAN COLLAPSE.
DO NOT STEP ON PANELS W/CREASED EDGES.
DO NOT STEP ON OR NEAR EDGE OF PANEL.
DO NOT STEP WITHIN 5' OF PANEL END.
-PANELS CAN BE SLIPPERY DUE TO OIL OR MOISTURE.
USE FALL PROTECTION.
-LOOSE PANELS MAY SLIDE OUT FROM UNDER YOU.
DO NOT STEP ON LOOSE PANELS OR STACKS OF PANELS.
ALWAYS USE FALL PROTECTION AND WALKBOARDS WHEN INSTALLING PANELS.
GET AND READ "ROOFING SAFETY INSTRUCTIONS" FROM SUPERVISOR.



NEXT PANEL PLACEMENT

TO INSTALL THE NEXT PANEL ENGAGE THE FEMALE HEM TO THE ADJACENT MALE HEM AND ROTATE INTO PLACE.

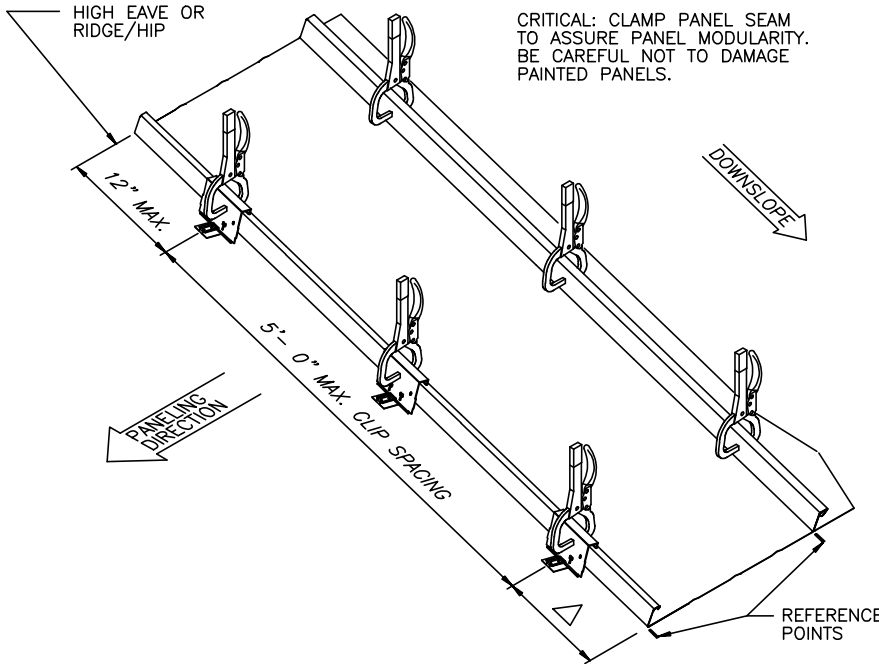


CRITICAL MASTIC APPLICATION AND EAVE ATTACHMENT

ALWAYS APPLY THE CORRECT SEALANT APPLICATION AT THE LOW EAVE, HIGH EAVE OR RIDGE/HIP AS SHOWN, BEFORE INSTALLING SUCCEEDING PANELS.

EAVE FASTENER CHART		
PART NO. *	DESCRIPTION	STRUCTURE
097357	1/4 X 7/8" HEX HD. SDS W/MINI. PT.	≤ .035" THK.
097230	1/4 X 1 1/4" HEX HD. SDS W/STD. PT.	> .035" THK.

* COLOR SUFFIX REQUIRED TO MATCH ROOF COLOR.



CLIP SPACING AND MAINTAINING PANEL MODULARITY

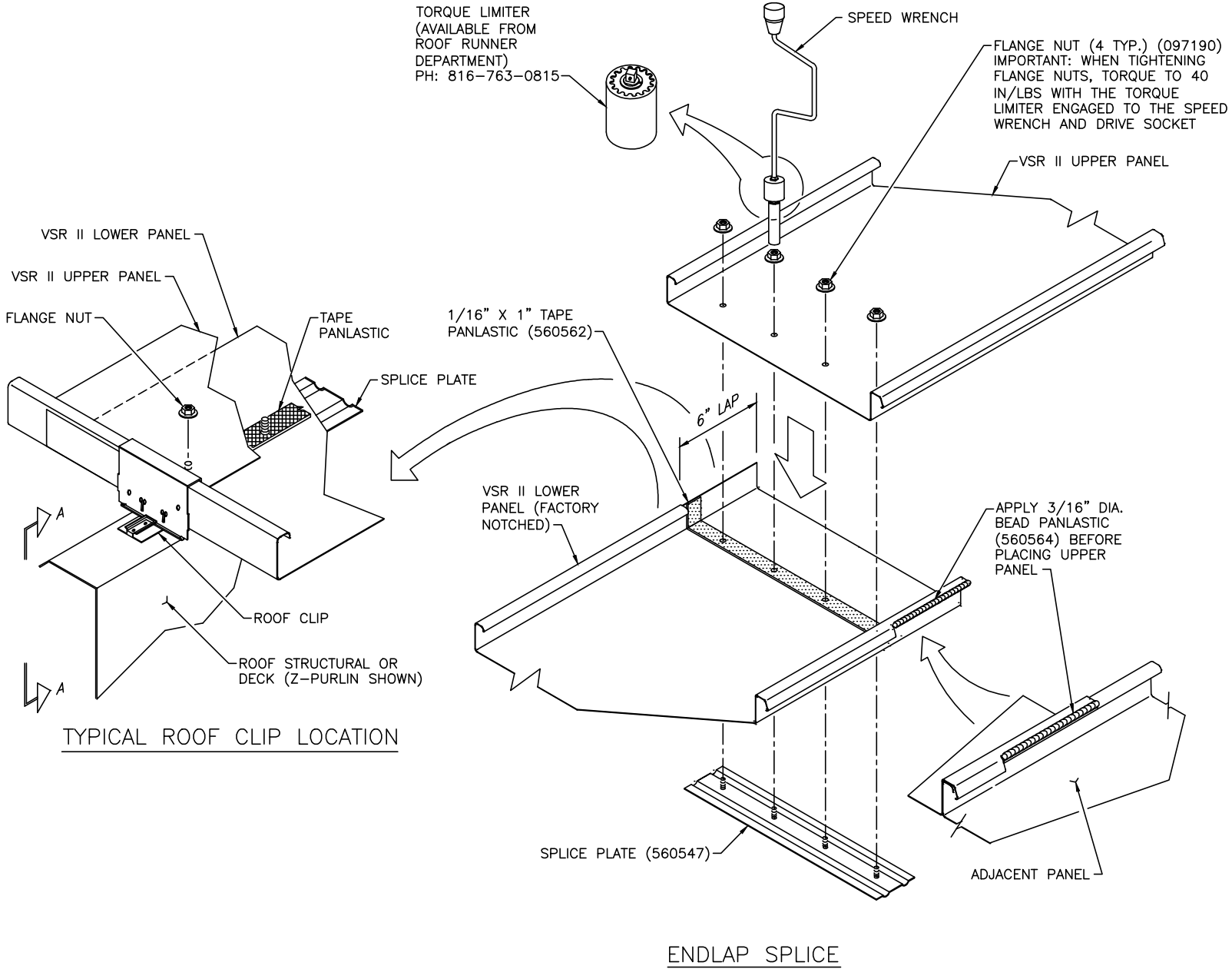
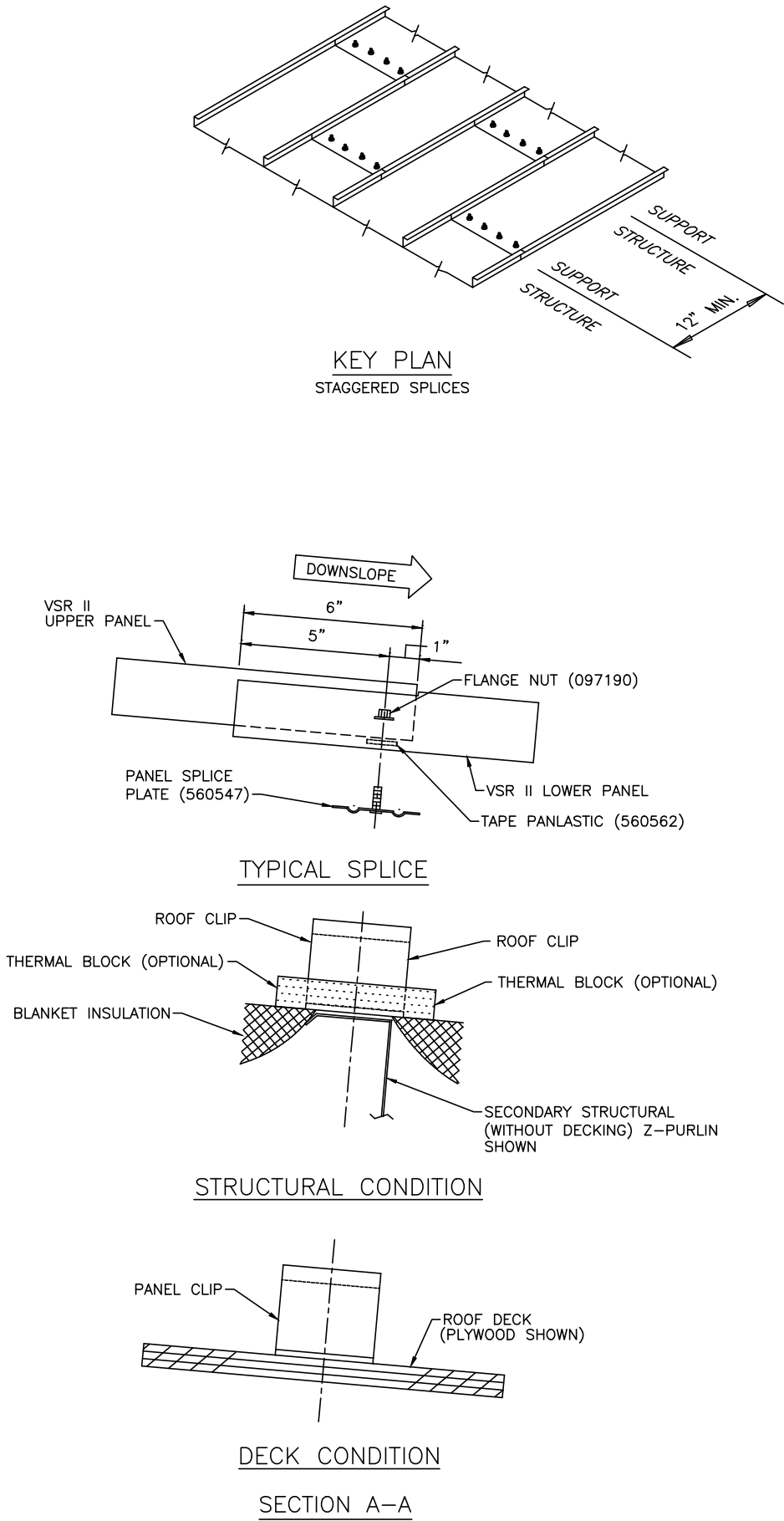
MAKE SURE PANEL MODULE FALLS ON MARKED REFERENCE POINTS. MAKE CERTAIN THAT PREVIOUS SEAM IS TIGHT AND ADJACENT ROOF CLIPS ARE TIGHT AGAINST MALE HEM BEFORE SECURING WITH FASTENERS. USE CLAMP AS SHOWN.

△ AT EAVE OF BLDG. THE FIRST ROOF CLIP MUST BE LOCATED WITHIN 5'- 0" FROM THE EAVE ATTACHMENT FASTENERS.



VSR II ROOF PANEL AND CLIP INSTALLATION			
DRAWN BY	ACM	CHECKED BY	RMC
FIRST RELEASE DATE	01/21/10	REVISION DATE	12/04/18
GROUP NUMBER: 05-030-01		B	P-080858 04

REVISION NUMBER 1		REVISION NUMBER 2		REVISION NUMBER 3	
GENERAL REVISION.		REVISED TO ADD TORQUE LIMITER SOCKET AND DIRECTIONS FOR USE.		ADD FLORIDA APPROVAL LOGO	
DATE	02/12/10	DATE	08/06/18	DATE	06/28/19
DWY	CHKD	DWY	CHKD	DWY	CHKD
BJF	RHE	RHE	ARB	BSN	RLB



WARNING

YOU MAY FALL FROM ROOF AND BE KILLED OR SERIOUSLY INJURED.

- ANY PANEL CAN COLLAPSE.
- DO NOT STEP ON PANELS WITH CREASED EDGES.
- DO NOT STEP ON OR NEAR EDGE OF PANEL.
- DO NOT STEP WITHIN 5' OF PANEL END.
- PANELS CAN BE SLIPPERY DUE TO OIL OR MOISTURE.
- USE FALL PROTECTION.
- LOOSE PANELS MAY SLIDE OUT FROM UNDER YOU.
- DO NOT STEP ON LOOSE PANELS OR STACKS OF PANELS.

ALWAYS USE FALL PROTECTION AND WALKBOARDS WHEN INSTALLING PANELS. GET AND READ "ROOFING SAFETY INSTRUCTIONS" FROM SUPERVISOR.

- ERECTION STEPS:**
1. ALWAYS LOCATE SPLICE OVER STRUCTURAL SUPPORT (PURLIN).
 2. LOCATE SPLICE PLATE THRU FACTORY HOLES IN LOWER PANEL.
 3. APPLY TAPE PANLASTIC OVER HOLES AND STUDS ON LOWER PANEL.
 4. NEST UPPER PANEL INTO PLACE OVER STUDS AND INSTALL FLANGE NUTS.
 5. APPLY 3/16" DIA. BEAD PANLASTIC ALONG NOTCHED AREA ON ADJACENT PANEL.



VSR II STAGGERED PANEL SPLICE INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 05-030-01	
ACM	RRM		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	06/28/19		

B P-080964 03