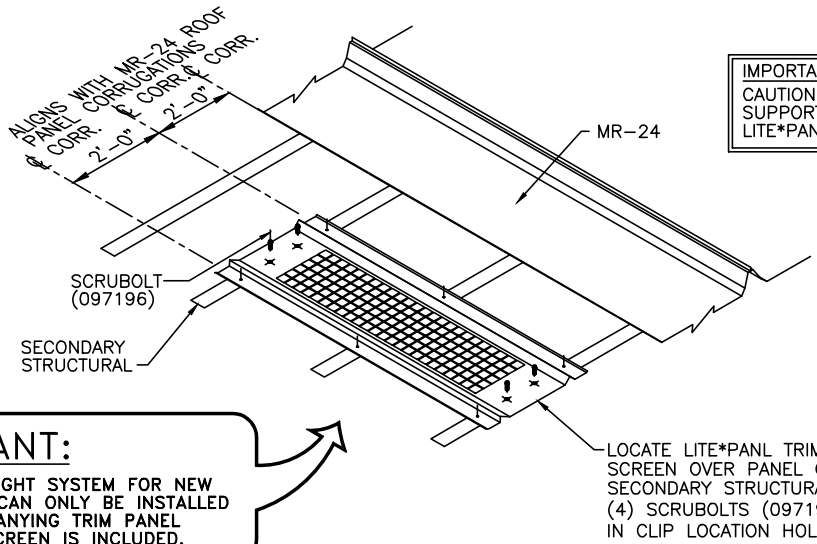
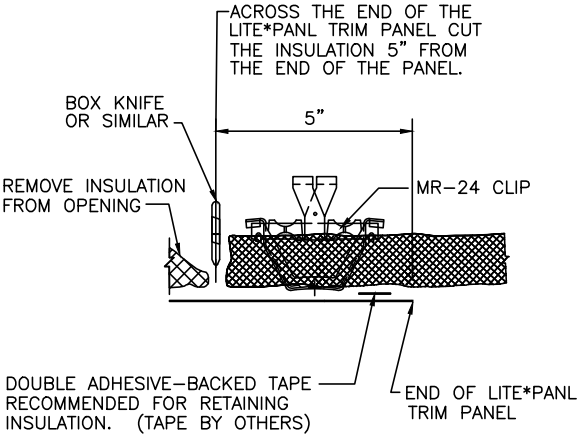
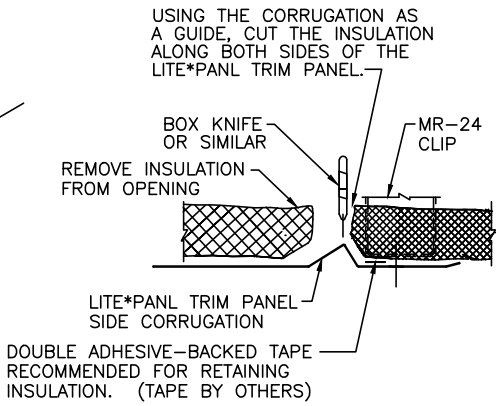
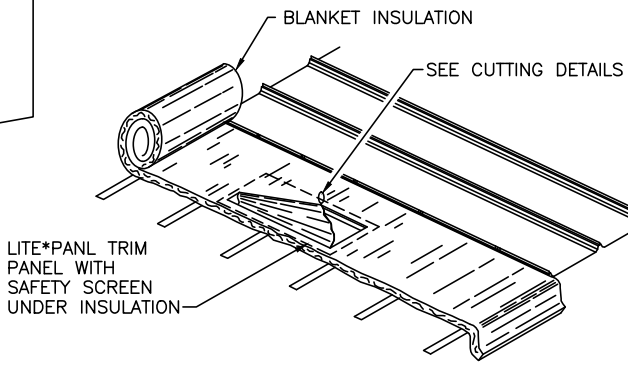
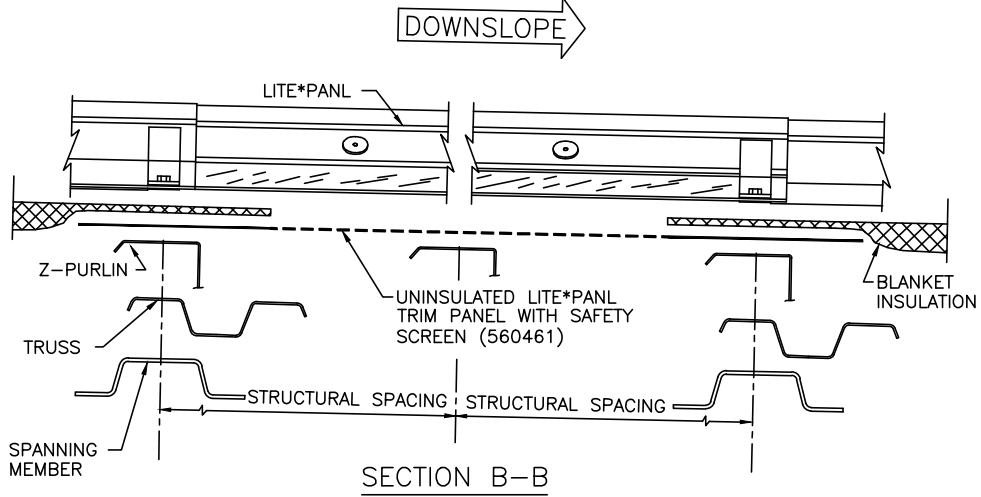
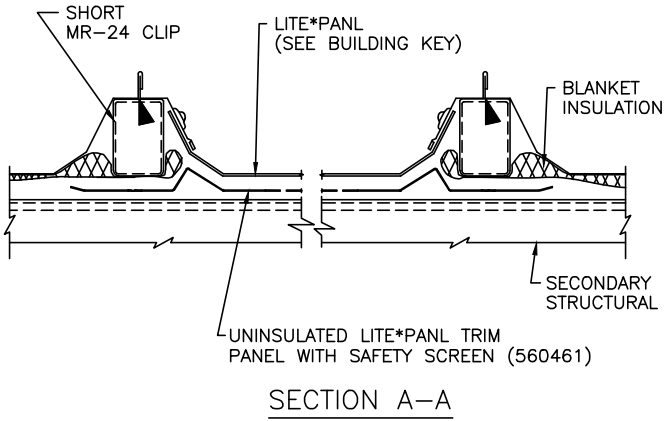
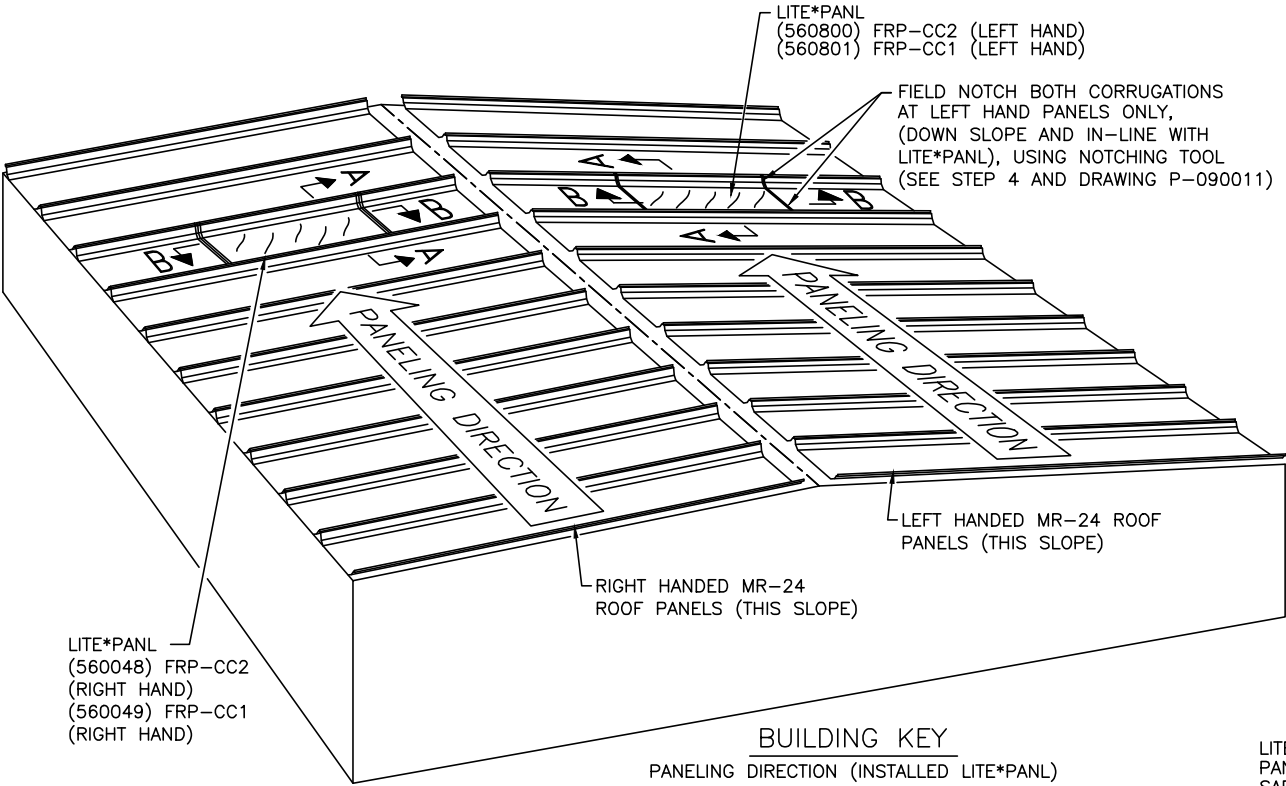
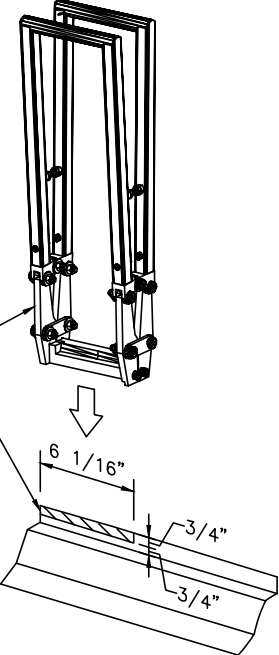


REVISION NUMBER 6				REVISION NUMBER 2				REVISION NUMBER 3				REVISION NUMBER 4				REVISION NUMBER 5			
DATE		ADD FLORIDA APPROVAL LOGO		DATE		REVISE TO SHOW 5'-0" PURLIN SPACES		DATE		GENERAL REVISION		DATE		REVISED TO ADD LEFT HAND PANELS		DATE		REVISE REFERENCE DWG. NO. FROM	
09/02/20		24519		07/12/10		FOR REMOVED CHART DUE TO ROOF SLOPES		02/06/14				11/10/15		TO SUPPORT MR-24 SEAMED RIDGE		10/12/16		P-081XXX TO P-090077.	
DWBY		CHKD		DWBY		CHKD		DWBY		CHKD		DWBY		CHKD		DWBY		CHKD	
BSN		RLB		BSN		BJF		BSN		RJR		RHE		XXX		BSN		RLB	
				NOT IN EFFECT. REMOVED NOTES: 4 & 5.								CONDITION.				#21619			

REVISION NUMBER 6			REVISION NUMBER 2			REVISION NUMBER 3			REVISION NUMBER 4			REVISION NUMBER 5														
DATE 09/03/20			ADD FLORIDA APPROVAL LOGO 24519			DATE 11/10/15			ADDED NOTCH DETAIL FOR SEALED RIDGE LEFT HAND, PANEL AND LEFT HAND PANEL PART NUMBERS.			DATE 10/12/16			CHANGE PLANO REFERENCE FROM P-081XXX TO P-090011.			DATE 11/06/18			REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LIFE+PAUL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.					
DWBY CHKD			DWBY CHKD			DWBY CHKD			DWBY CHKD			DWBY CHKD			DWBY CHKD			DWBY CHKD			RHE BSN			RHE BSN		
BSN RLB			RHE XXX						BSN RKP			BSN RLB														



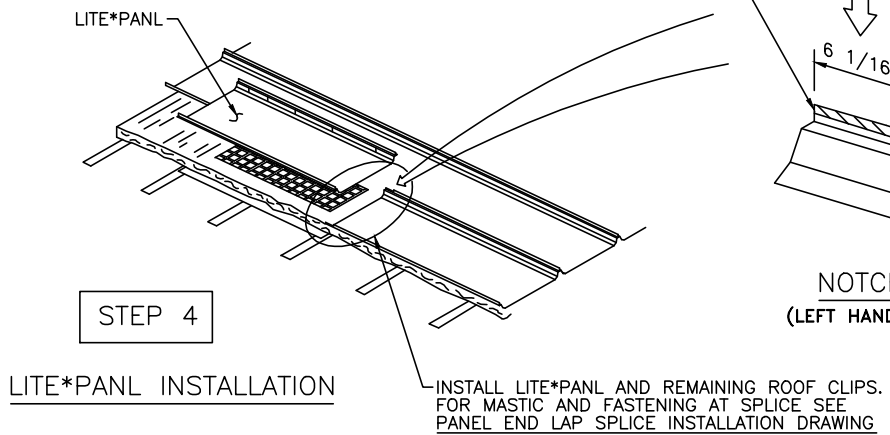
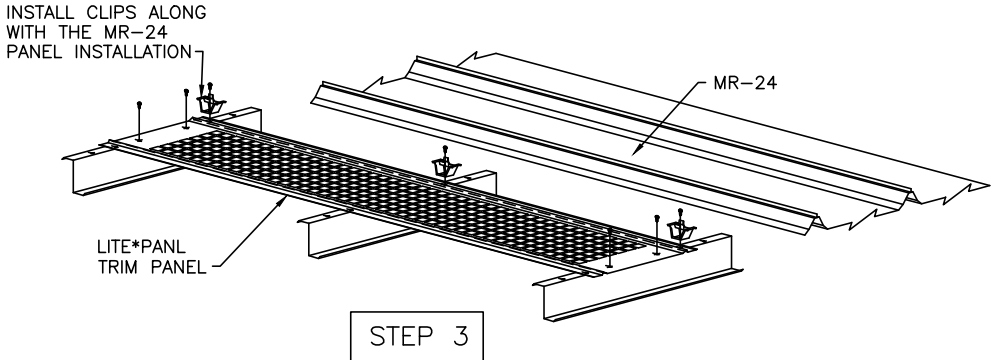
WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



NOTE:
PANEL SPlice HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

ERECTION SEQUENCE

- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL.
- STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPlice PANEL SHOWN ON PANEL END LAP SPlice INSTALLATION DRAWING P-080577.

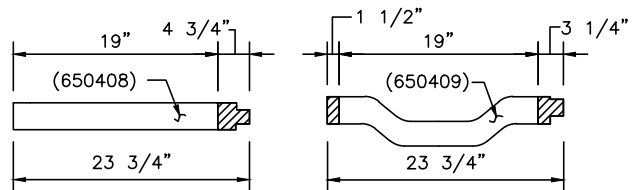
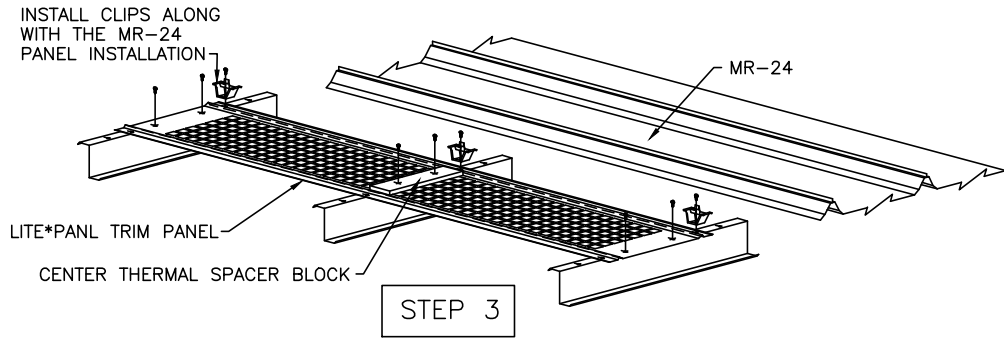
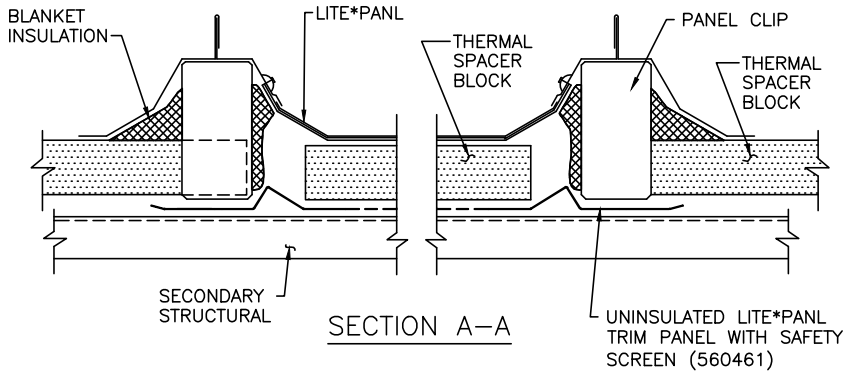
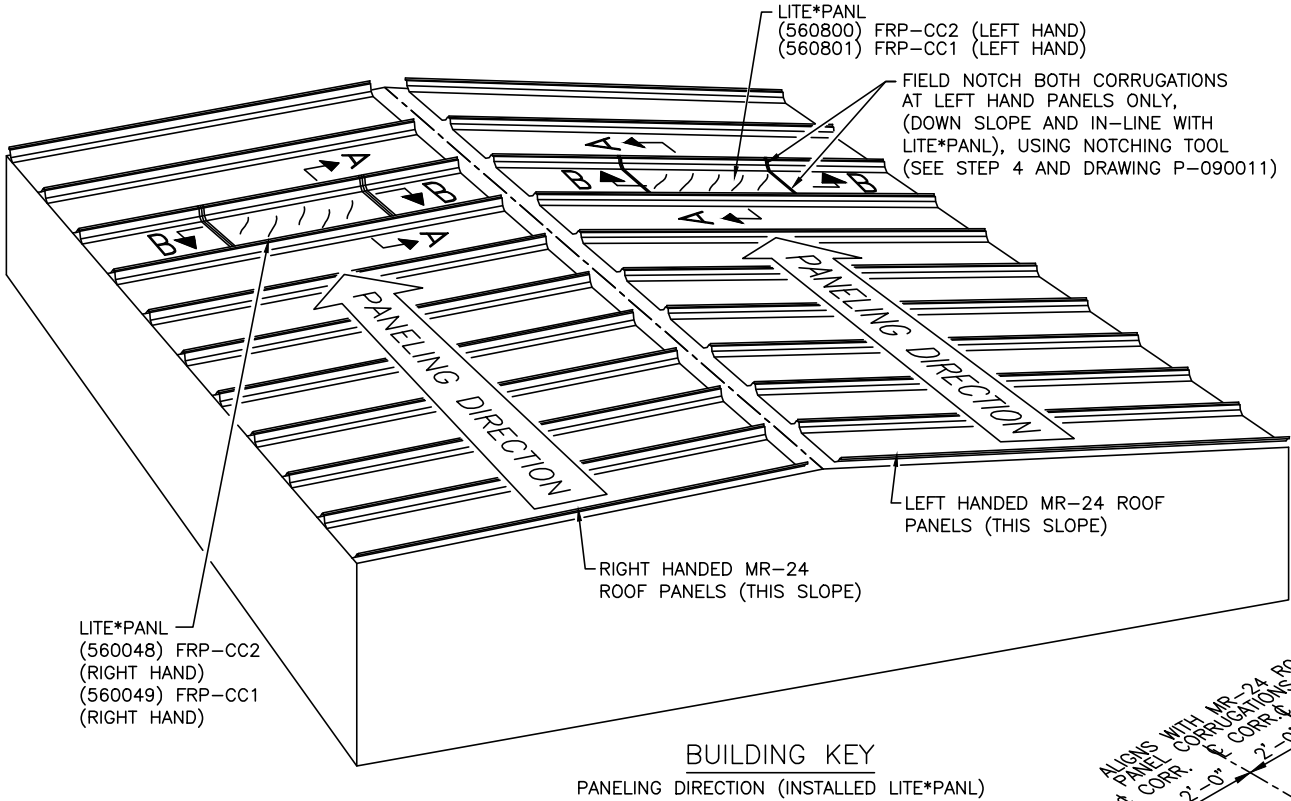


MR-24 UNINSULATED LITE*PANL UNINSULATED PURLIN			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-011-01	
PDW	RMC		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

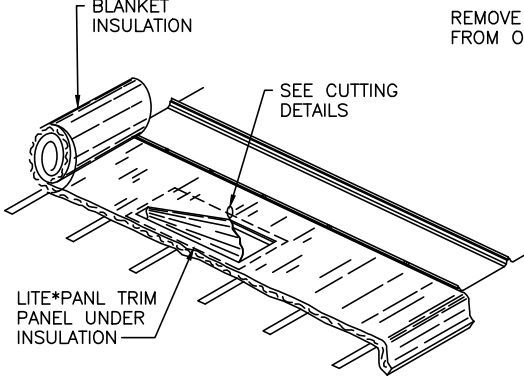
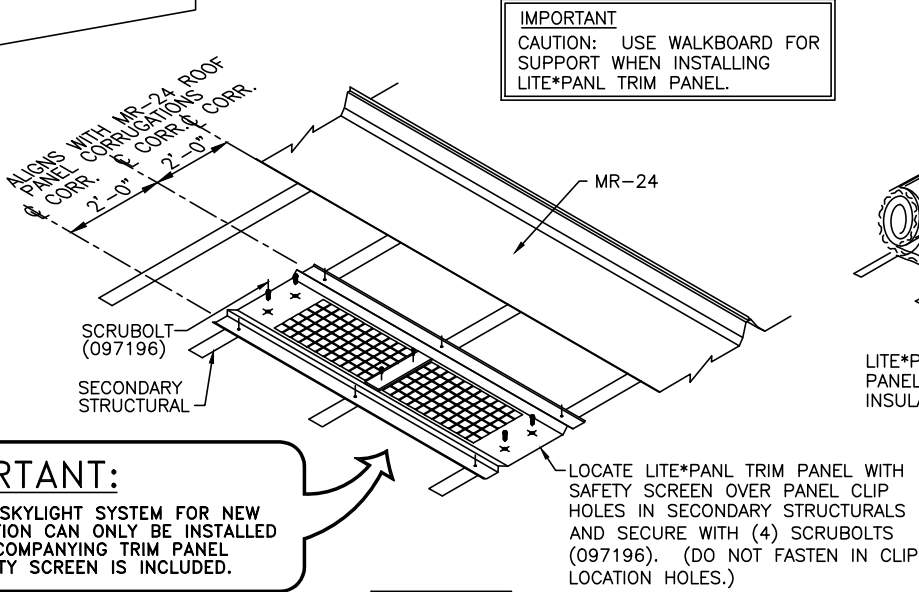
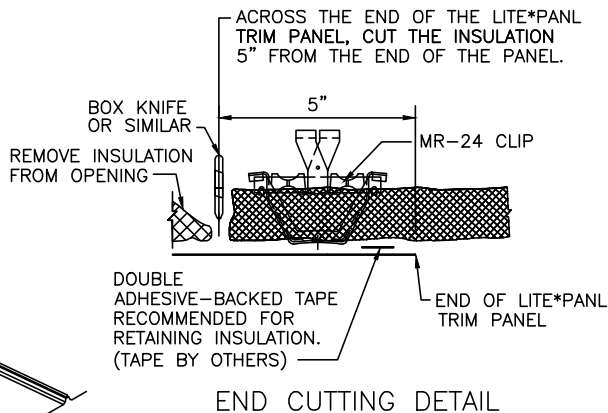
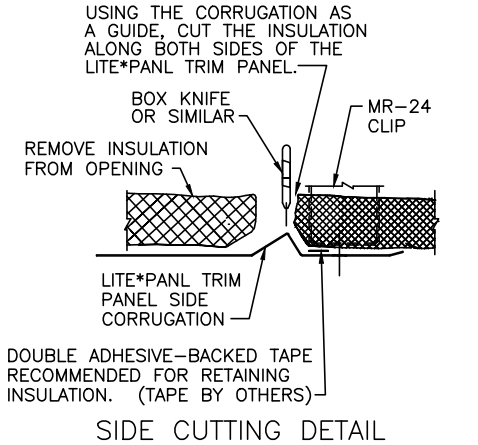
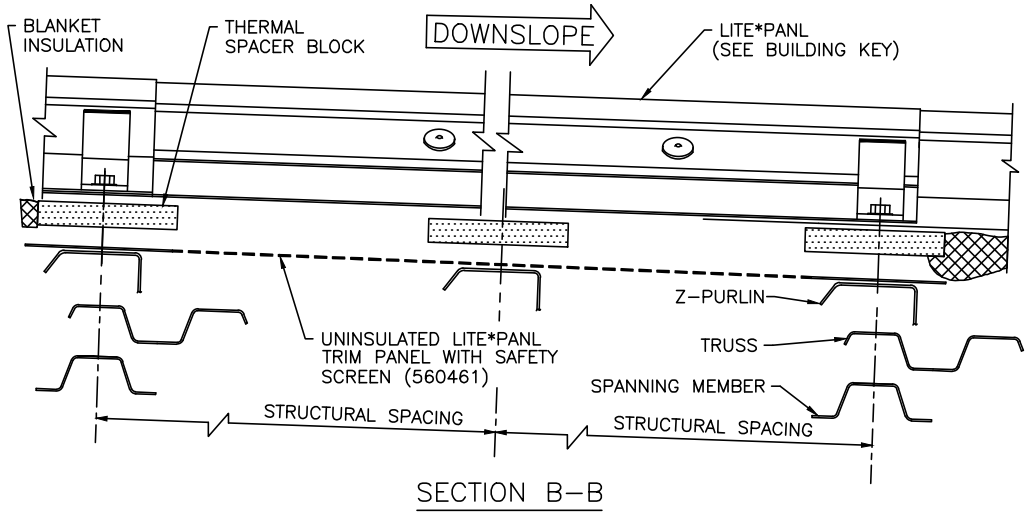
B P-081660 06

REVISION NUMBER 6						REVISION NUMBER 2						REVISION NUMBER 3						REVISION NUMBER 4						REVISION NUMBER 5					
DATE		ADD FLORIDA APPROVAL LOGO				DATE		ADDED NOTCH DETAIL FOR SEAMED RIDGE				DATE		GENERAL REVISION				DATE		CHANGE REFERENCE PLANO FROM				DATE		REVISED TO ADD A DISCLAIMER FOR			
09/03/20		24519				11/10/15		LEFT HAND PANEL AND LEFT HAND				05/06/16						10/12/16		P-081XXX TO P-090011.				11/06/18		NEW CONSTRUCTION THAT LITER-PANEL			
DWBY		CHKO				DWBY		CHKO				DWBY		CHKO				DWBY		CHKO				DWBY		CHKO			
BSN		RLB				RHE		XXX				BSN		RKP				BSN		RLB				RHE		BSN			

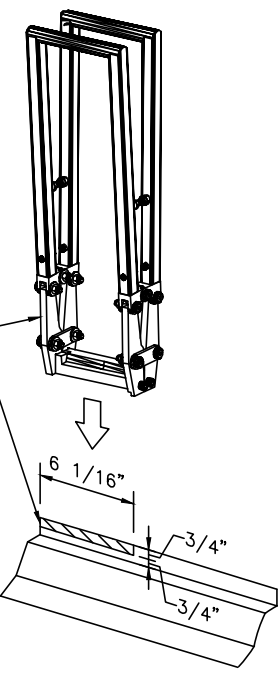
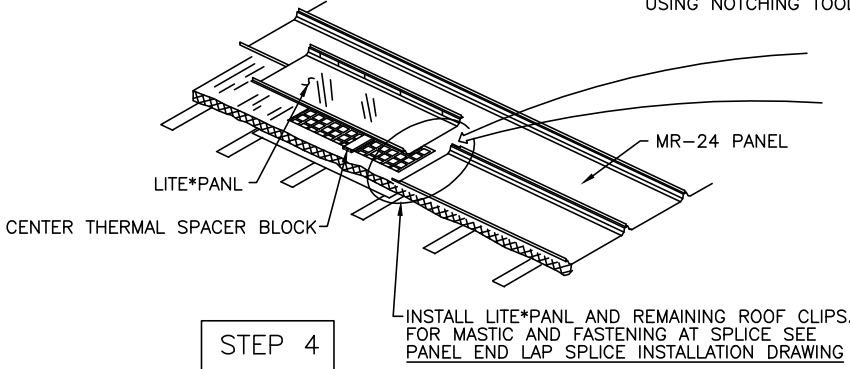
REVISION NUMBER 5				REVISION NUMBER 4				REVISION NUMBER 3				REVISION NUMBER 2				REVISION NUMBER 1			
CHANGE REFERENCE PLANO FROM P-080011 TO P-081662				GENERAL REVISION				ADDED NOTCH DETAIL FOR SEALED RIDGE				ADD FLORIDA APPROVAL LOGO				REVISED TO ADD A DISCLAIMER FOR MR-24 PANELS THAT CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.			
DATE	10/12/16	DWBY	CHKO	DATE	05/06/16	DWBY	CHKO	DATE	11/10/15	DWBY	CHKO	DATE	09/03/20	DWBY	CHKO	DATE	11/06/18	DWBY	CHKO
BSN	RLB	BSN	RLB	BSN	RKP	BSN	RKP	RHE	XXX	RHE	XXX	BSN	RLB	BSN	RLB	BSN	RLB	BSN	RLB



FIELD CUT THERMAL SPACER BLOCK AS SHOWN. ATTACH WITH (2) SCRUBOLTS (097222). COUNTERSINK THE HEADS IN THE THERMAL SPACER BLOCK TO AVOID CONTACT WITH LITE*PANL.



WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



NOTE:
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

ERECTION SEQUENCE

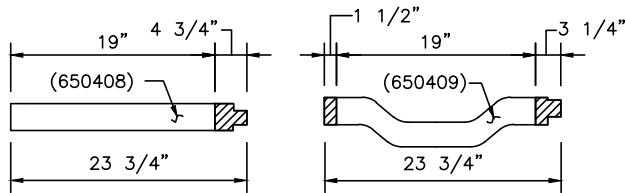
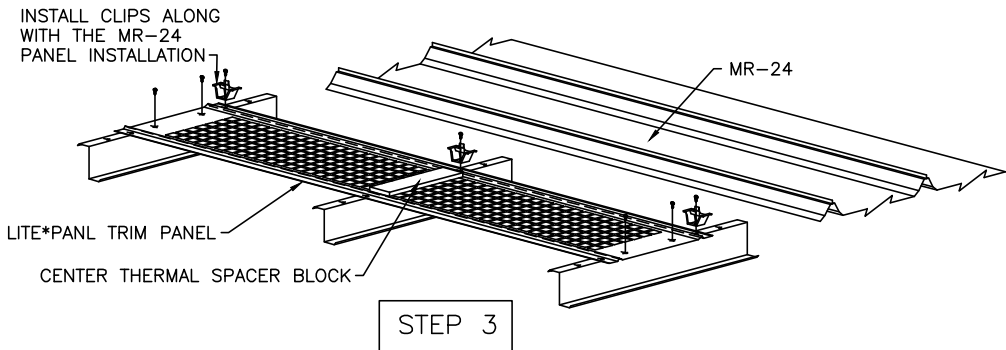
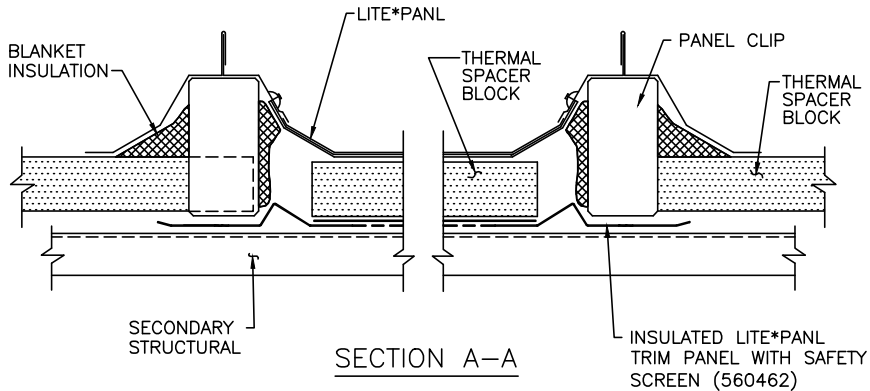
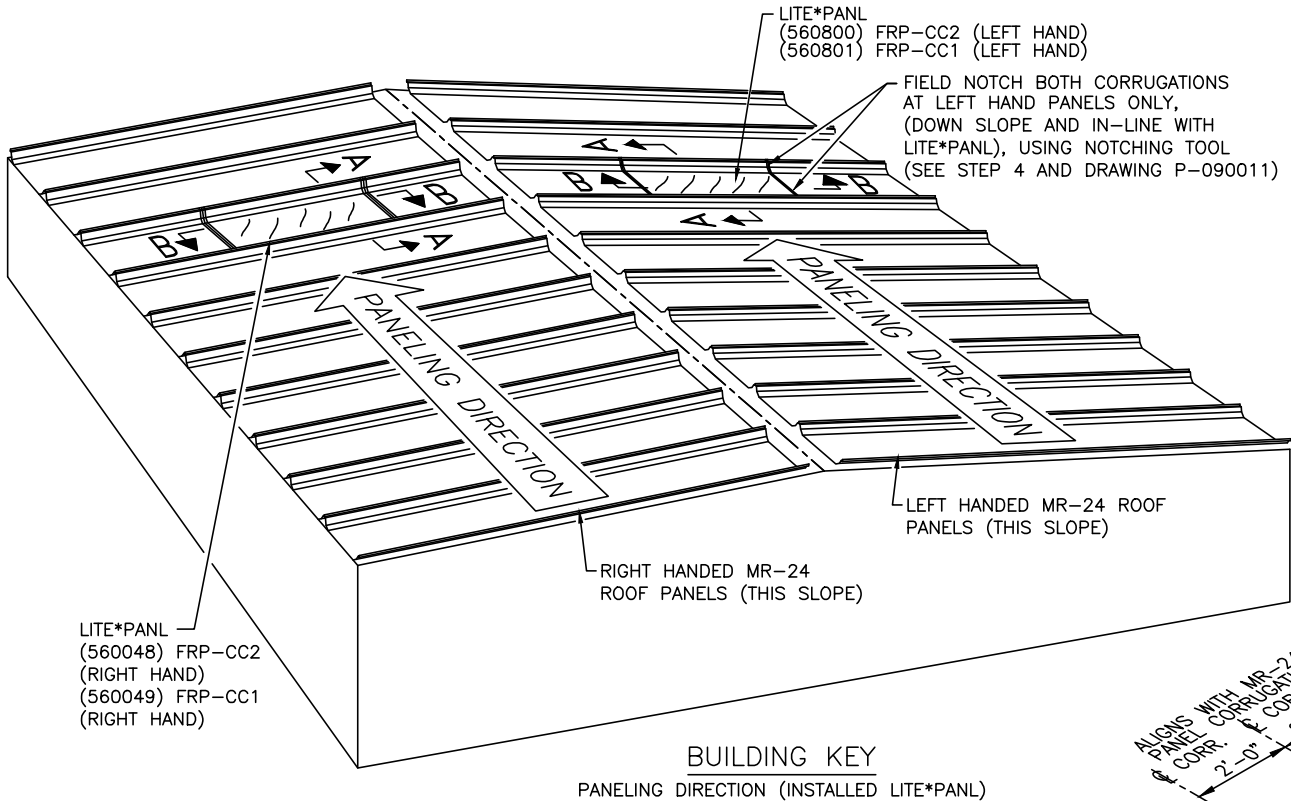
- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL. INSTALL CENTER THERMAL SPACER BLOCK AS SHOWN.
- STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPLICE PANEL SHOWN ON PANEL END LAP SPLICE INSTALLATION DRAWING P-080577.



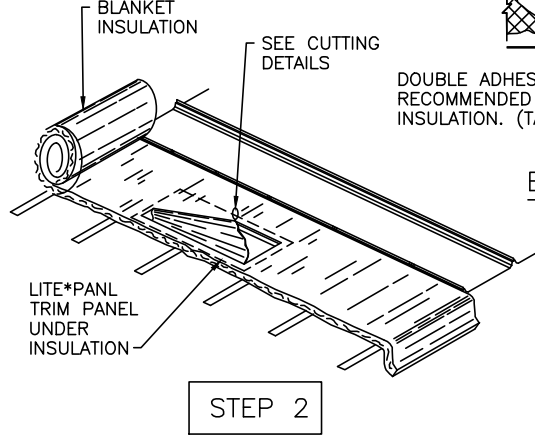
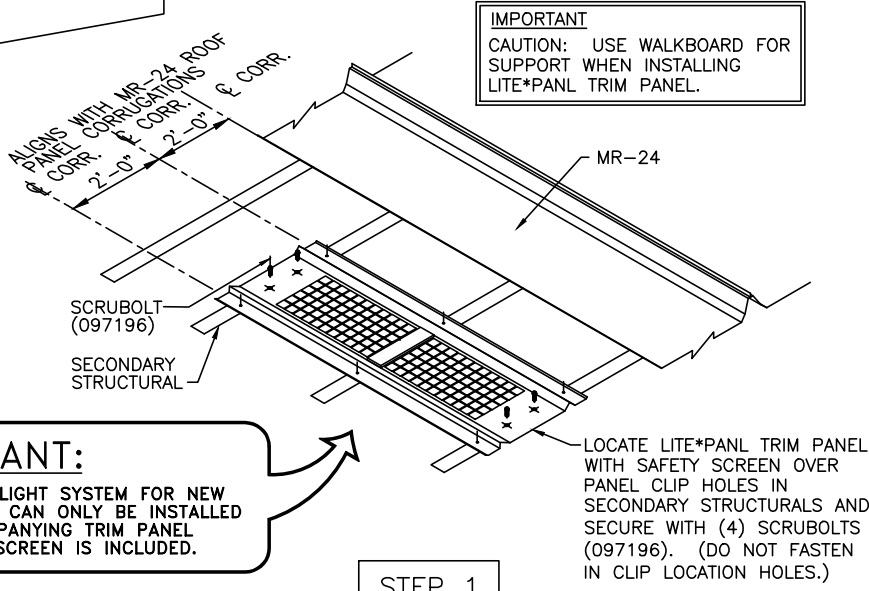
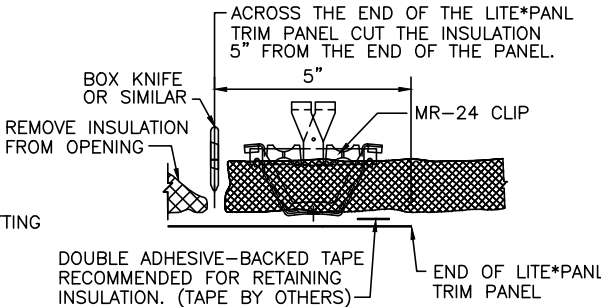
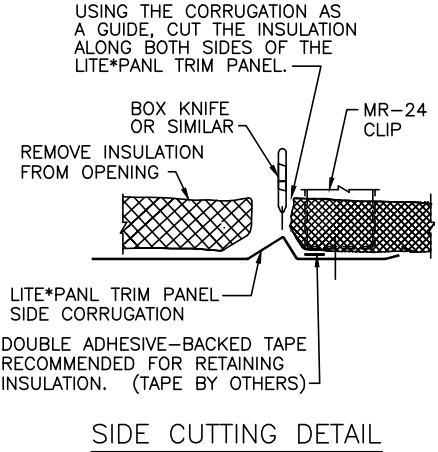
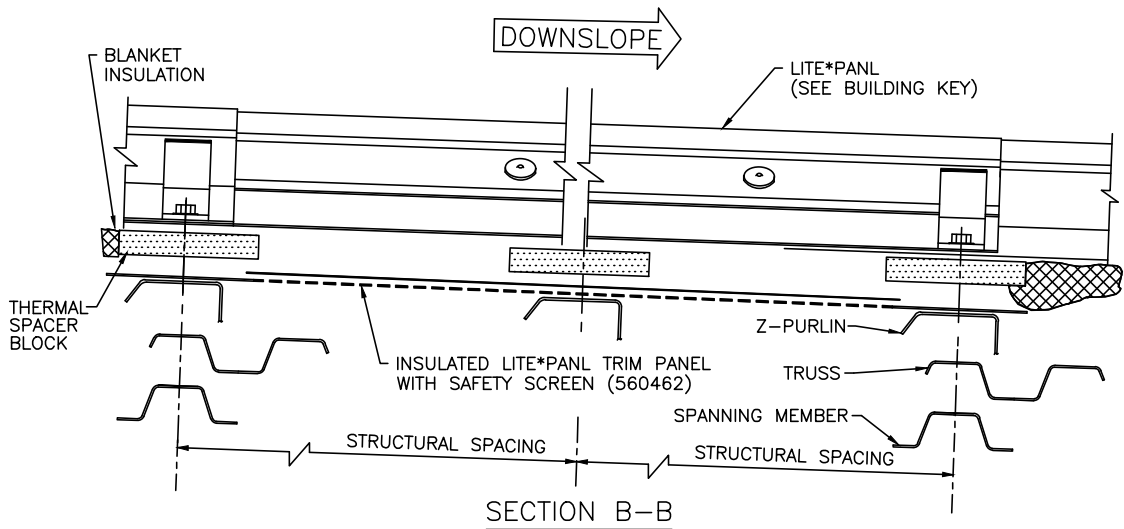
MR-24 UNINSULATED LITE*PANL INSULATED PURLIN			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-011-01	
PDW	RMC		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

B P-081662 07

REVISION NUMBER 5				REVISION NUMBER 4				REVISION NUMBER 3				REVISION NUMBER 2				REVISION NUMBER 1			
DATE				DATE				DATE				DATE				DATE			
10/13/16				05/06/16				11/16/15				09/03/20				11/06/18			
DWBY CHKD RLB				DWBY CHKD RKP				DWBY CHKD RHE				DWBY CHKD RLB				DWBY CHKD BSN			
CHANGE REFERENCE PLANO FROM P-080011.				GENERAL REVISION				ADDED NOTCH DETAIL FOR SEAMED RIDGE LEFT HAND PANEL AND LEFT HAND PANEL PART NUMBERS.				ADD FLORIDA APPROVAL LOGO				REVISED TO ADD A DISCLAIMER FOR MR-24 PANELS. IF THE TRIM PANEL IS NOT INSTALLED, THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.			
#21619								XXX				24319							

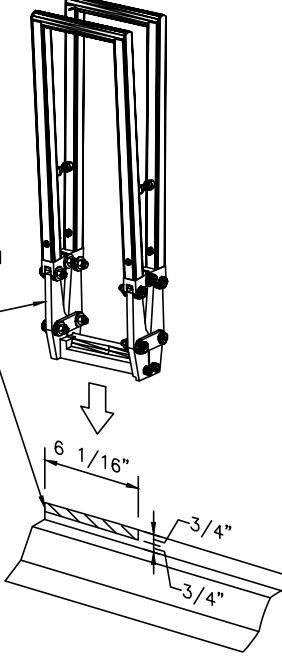
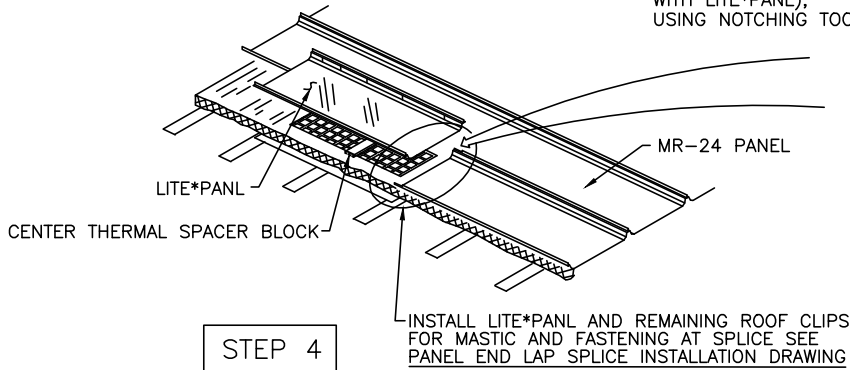


CENTER THERMAL SPACER BLOCK CUTTING DETAIL
FIELD CUT THERMAL SPACER BLOCK AS SHOWN. ATTACH WITH DOUBLE ASHESIVE-BACKED TAPE (BY OTHERS) TO THE CLEAR ACRYLIC ON THE LITE*PANL TRIM PANEL.



LITE*PANL TRIM PANEL INSTALLATION

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



NOTE:
PANEL SPICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

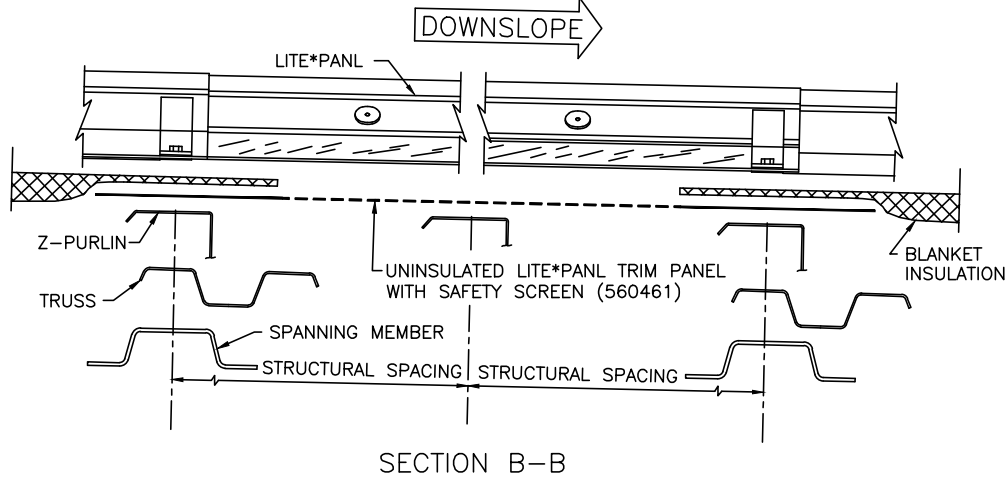
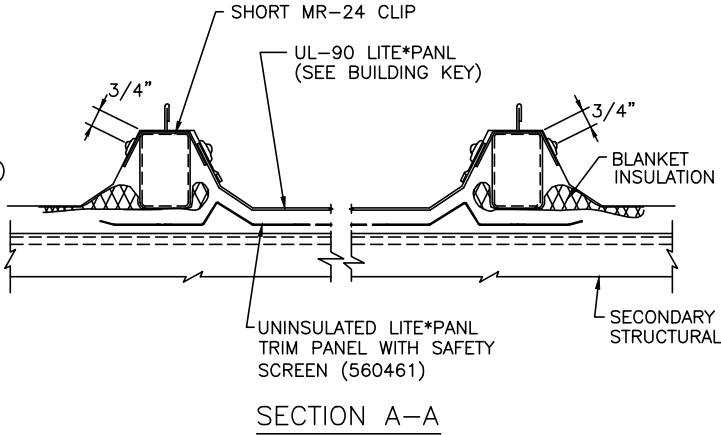
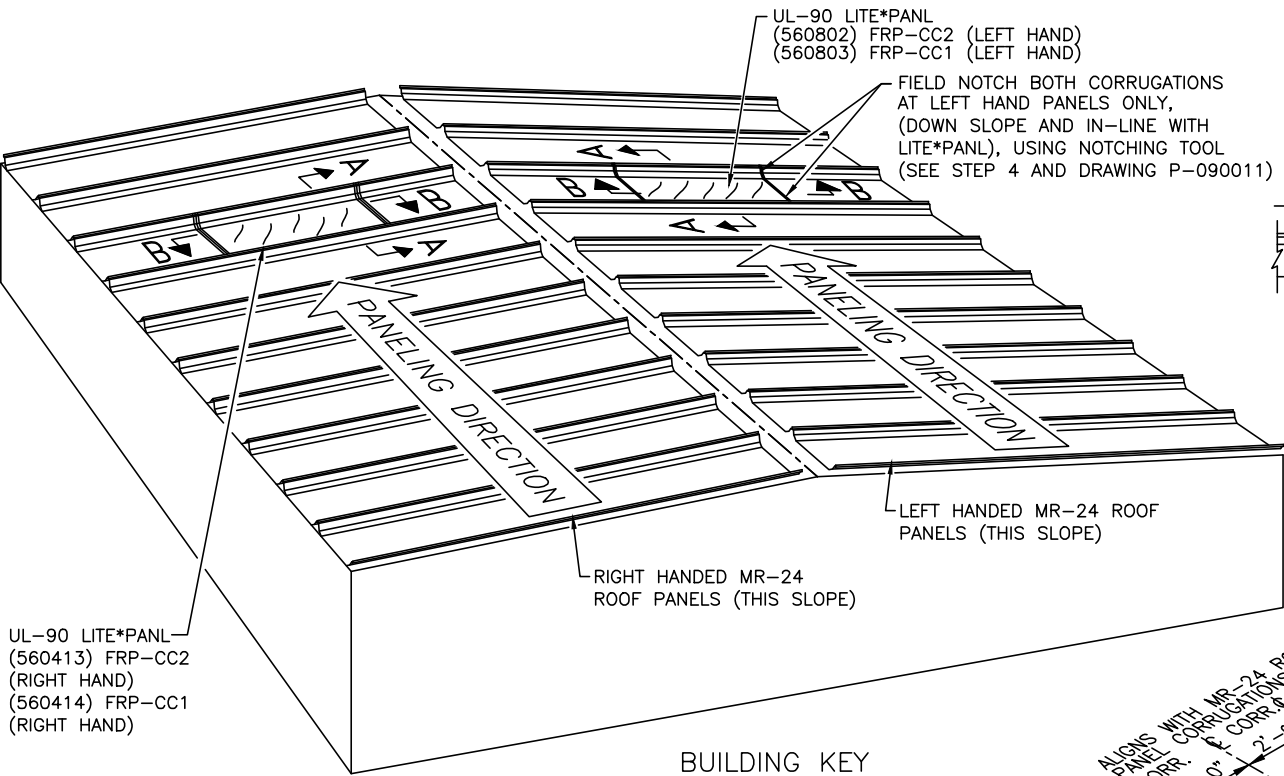
ERECTION SEQUENCE

- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL. INSTALL CENTER THERMAL SPACER BLOCK AS SHOWN.
- STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPICE PANEL SHOWN ON PANEL END LAP SPICE INSTALLATION DRAWING P-080577.

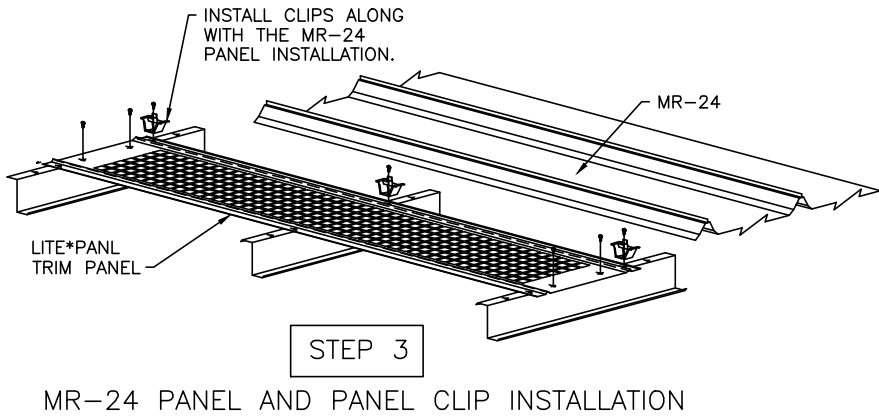
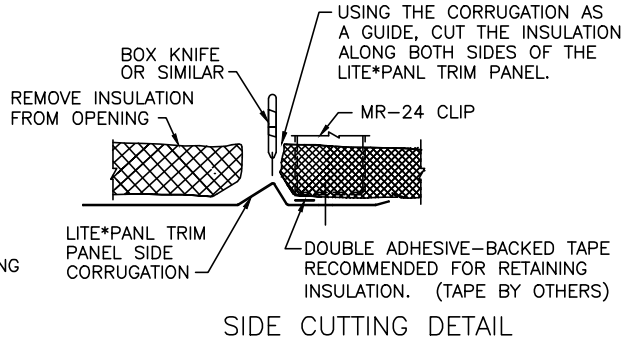


MR-24 INSULATED LITE*PANL INSULATED PURLIN					
DRAWN BY		CHECKED BY		GROUP NUMBER: 02-011-01	
PDW		RMC		B	P-081663 07
FIRST RELEASE DATE		REVISION DATE			
01/21/10		09/03/20			

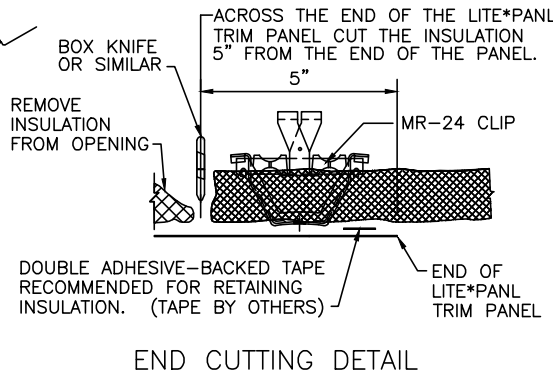
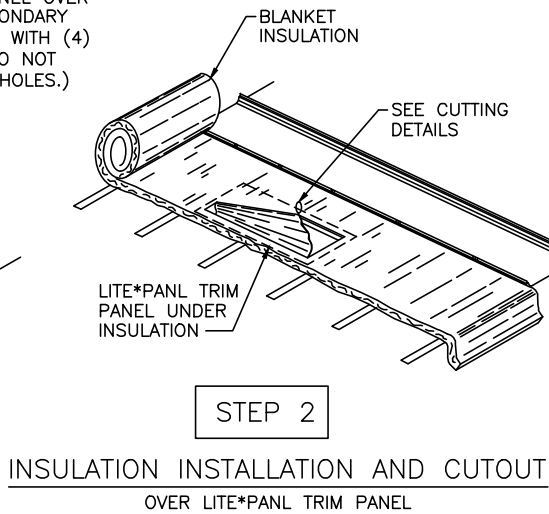
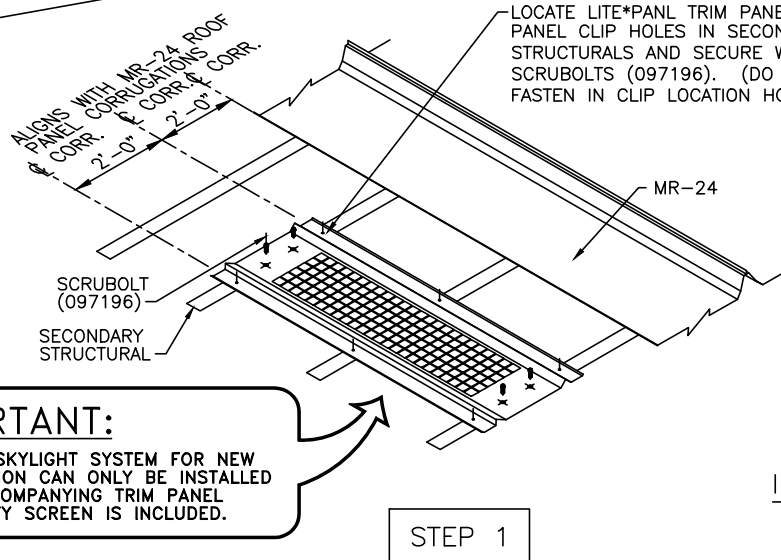
REVISION NUMBER 6				REVISION NUMBER 2				REVISION NUMBER 3				REVISION NUMBER 4				REVISION NUMBER 5			
DATE 09/03/20				DATE 11/16/15				DATE 05/06/16				DATE 10/13/16				DATE 11/06/18			
DWBY CHKO RLB				DWBY CHKO RLB				DWBY CHKO RLB				DWBY CHKO RLB				DWBY CHKO RLB			
BSN				BSN				BSN				BSN				BSN			
ADD FLORIDA APPROVAL LOGO				LEFT HAND PANEL AND LEFT HAND PANEL PART NUMBERS.				GENERAL REVISION				CHANGE REFERENCE PLANO FROM P-090011..				REVISED TO ADD A DISCLAIMER FOR THE TRIM PANEL ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.			
24319				XXX				RKP				#21619				#24316.			



IMPORTANT
CAUTION: USE WALKBOARD FOR SUPPORT WHEN INSTALLING LITE*PANL TRIM PANEL.



IMPORTANT:
LITE*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

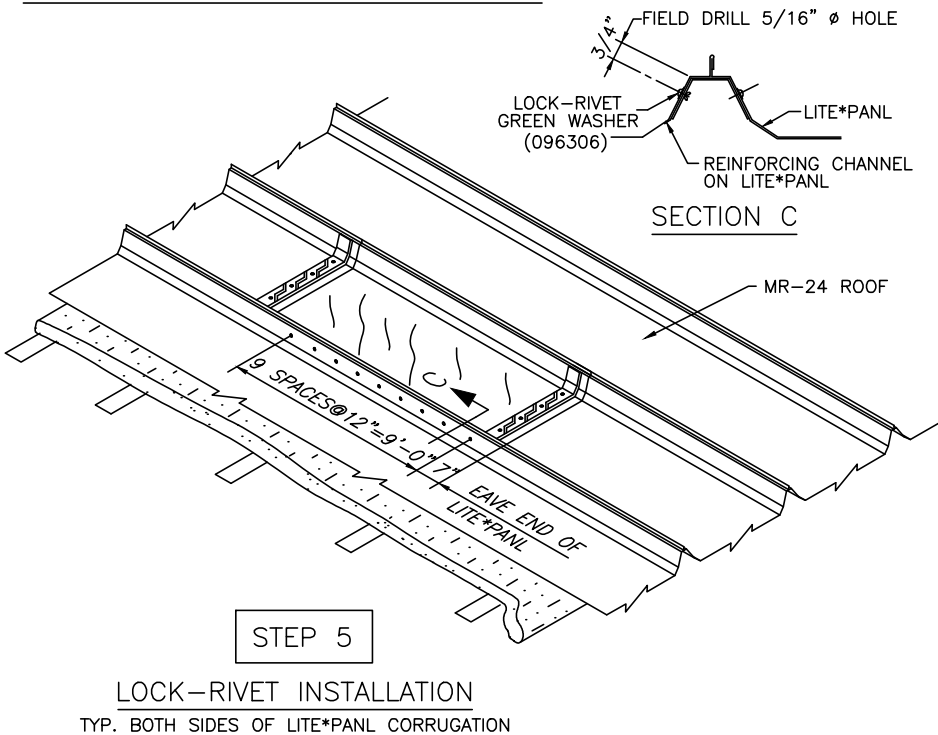
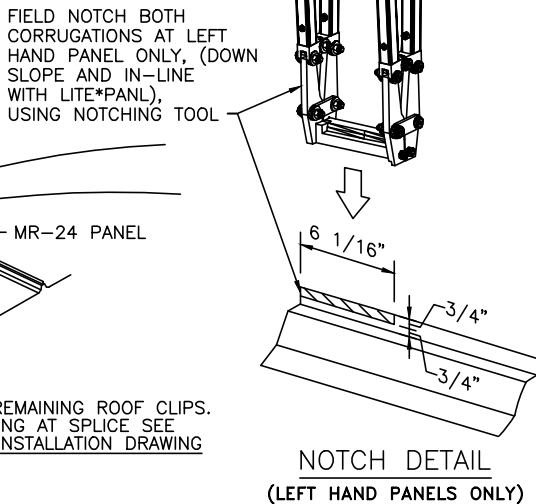
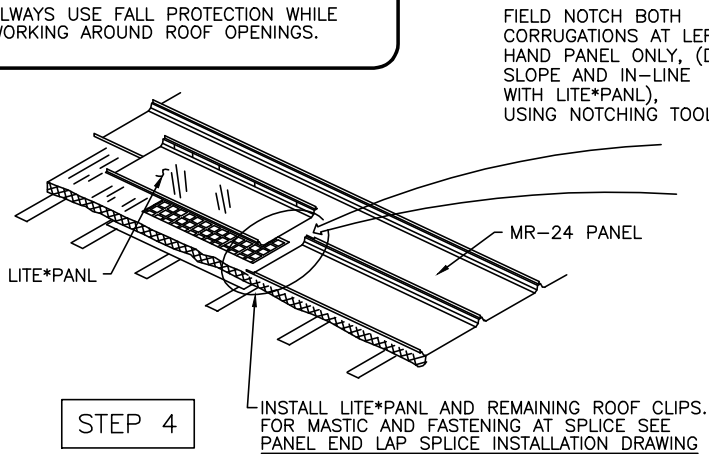


NOTE:
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

ERECTION SEQUENCE

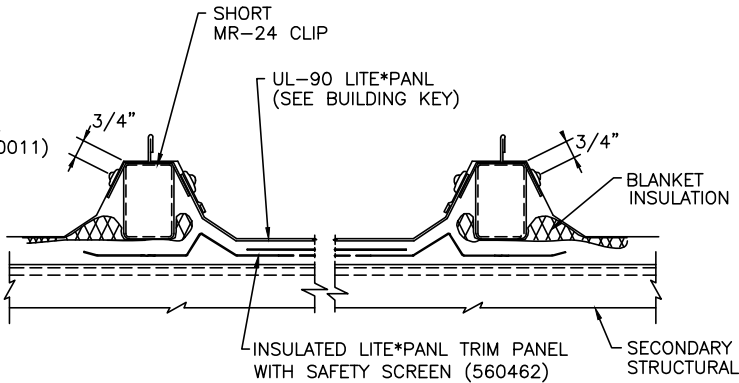
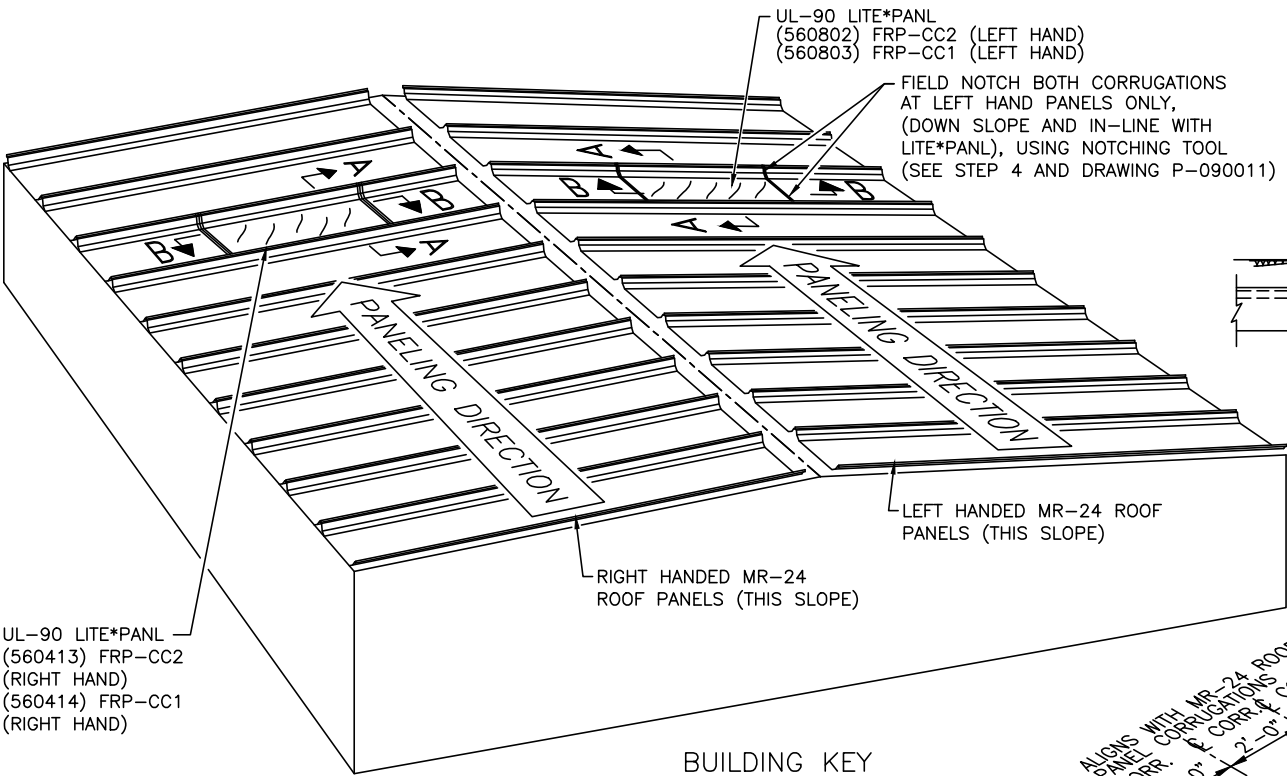
- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL.
- STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPLICE PANEL SHOWN ON PANEL END LAP SPLICE INSTALLATION DRAWING P-080577.
- STEP 5** FIELD DRILL 5/16"Ø HOLES AND INSTALL GREEN STEM LOCK-RIVETS (096306). REFER TO SECTION C.

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



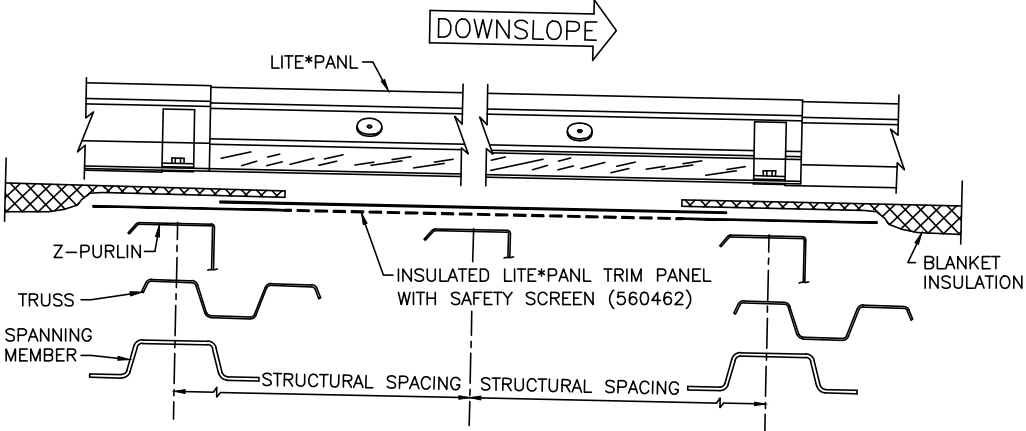
MR-24 U.L. 90 UNINSULATED LITE*PANL UNINSULATED PURLIN			
DRAWN BY PDW	CHECKED BY RMC	GROUP NUMBER:	
FIRST RELEASE DATE 01/21/10	REVISION DATE 09/03/20	B	P-081664 06

REVISION NUMBER 6				REVISION NUMBER 5			
DATE	09/03/20	DWBY	CHKO	DATE	11/06/18	DWBY	CHKO
BSN	RLB	BSN	RLB	BSN	RHE	BSN	RHE
ADD FLORIDA APPROVAL LOGO				REVISION NUMBER 4			
DATE	11/19/15	DWBY	CHKO	DATE	10/13/16	DWBY	CHKO
BSN	RLB	BSN	RLB	BSN	RLB	BSN	RLB
REVISION NUMBER 3				REVISION NUMBER 2			
DATE	05/06/16	DWBY	CHKO	DATE	05/06/16	DWBY	CHKO
BSN	RKP	BSN	RKP	BSN	RKP	BSN	RKP
REVISION NUMBER 1				REVISION NUMBER 0			
DATE	11/06/18	DWBY	CHKO	DATE	11/06/18	DWBY	CHKO
BSN	RHE	BSN	RHE	BSN	RHE	BSN	RHE



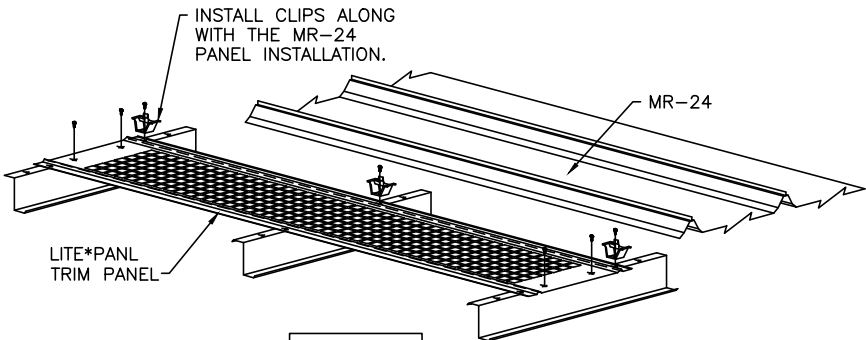
SECTION A-A

IMPORTANT
CAUTION: USE WALKBOARD FOR SUPPORT WHEN INSTALLING LITE*PANL TRIM PANEL.



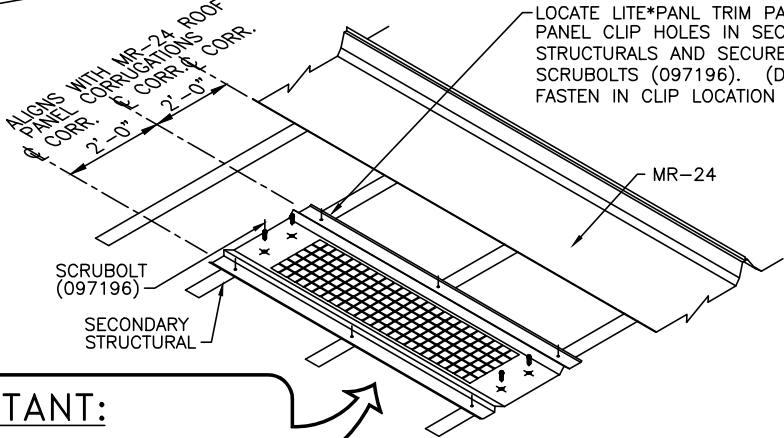
SECTION B-B

UL-90 LITE*PANL
(560413) FRP-CC2
(RIGHT HAND)
(560414) FRP-CC1
(RIGHT HAND)



MR-24 PANEL AND PANEL CLIP INSTALLATION

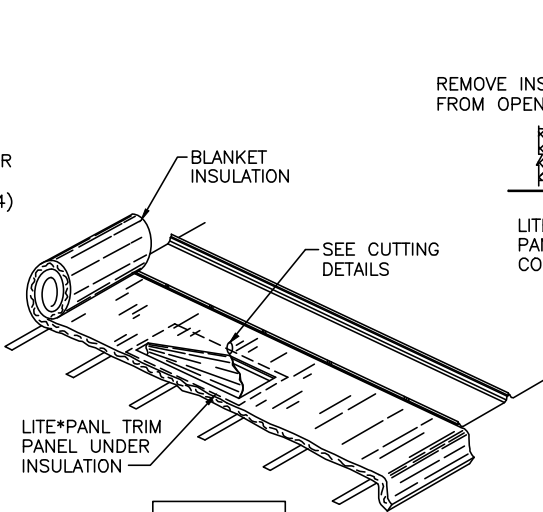
STEP 3



LITE*PANL TRIM PANEL INSTALLATION

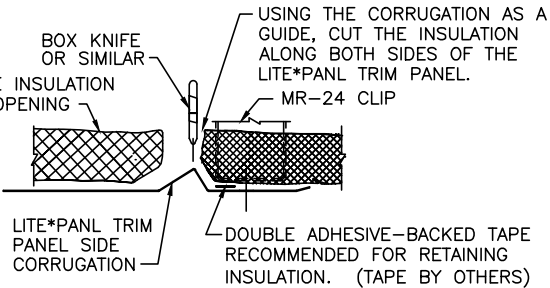
STEP 1

IMPORTANT:
LITE*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

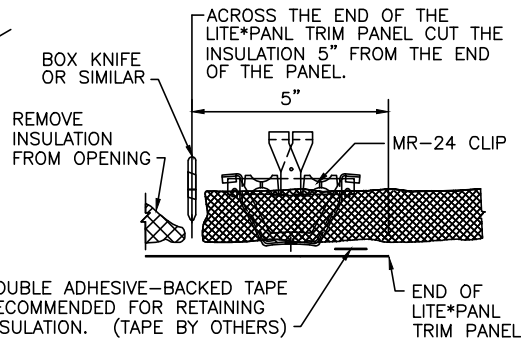


INSULATION INSTALLATION AND CUTOUT
OVER LITE*PANL TRIM PANEL

STEP 2



SIDE CUTTING DETAIL



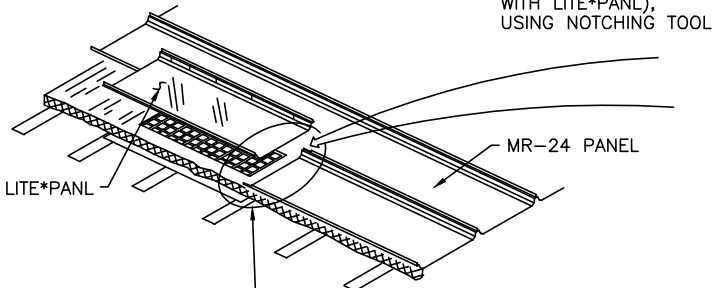
END CUTTING DETAIL

NOTE:
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

ERECTION SEQUENCE

- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL.
- STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPLICE PANEL SHOWN ON PANEL END LAP SPLICE INSTALLATION DRAWING P-080577.
- STEP 5** FIELD DRILL 5/16"Ø HOLES AND INSTALL GREEN STEM LOCK-RIVETS (096306). REFER TO SECTION C.

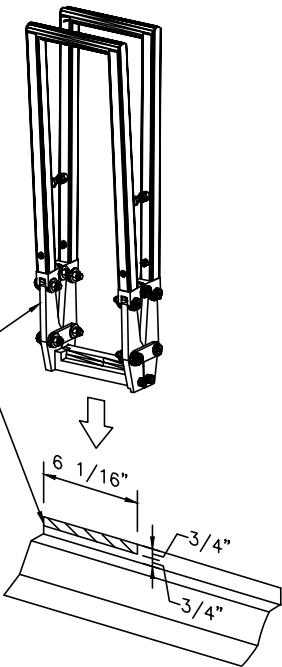
WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



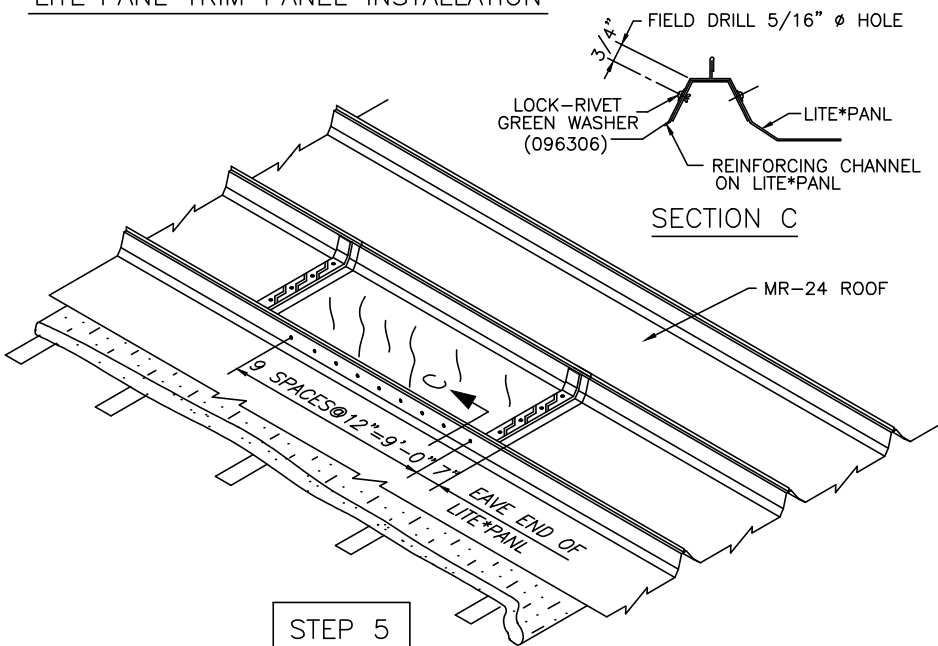
LITE*PANL INSTALLATION

STEP 4

FIELD NOTCH BOTH CORRUGATIONS AT LEFT HAND PANEL ONLY, (DOWN SLOPE AND IN-LINE WITH LITE*PANL), USING NOTCHING TOOL



NOTCH DETAIL
(LEFT HAND PANELS ONLY)



LOCK-RIVET INSTALLATION
TYP. BOTH SIDES OF LITE*PANL CORRUGATION

STEP 5

SECTION C



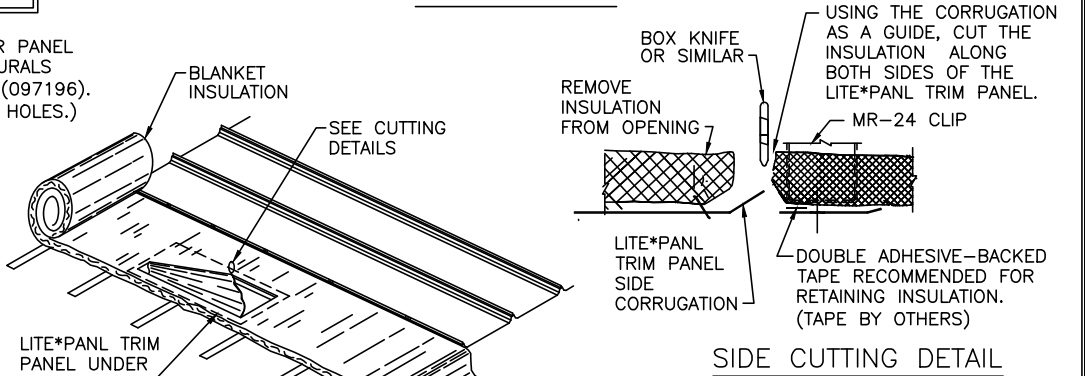
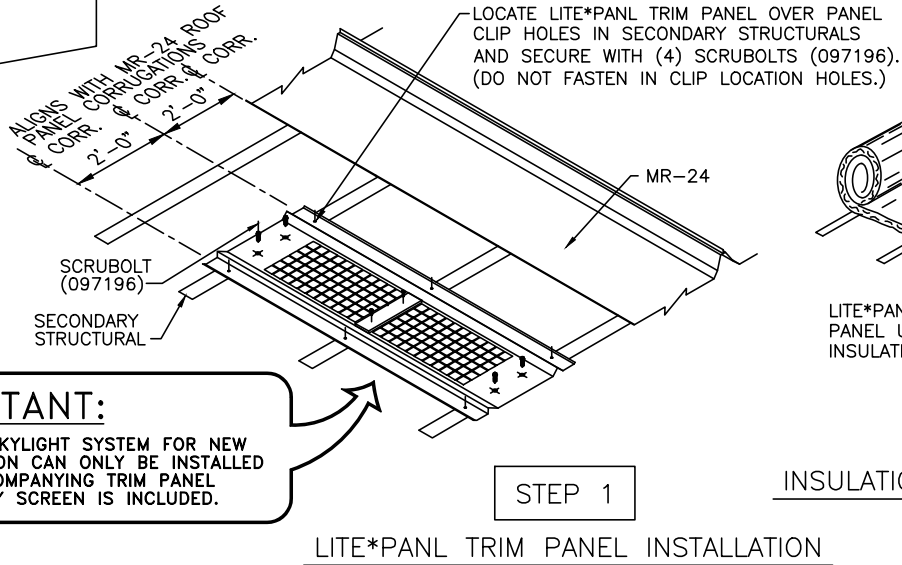
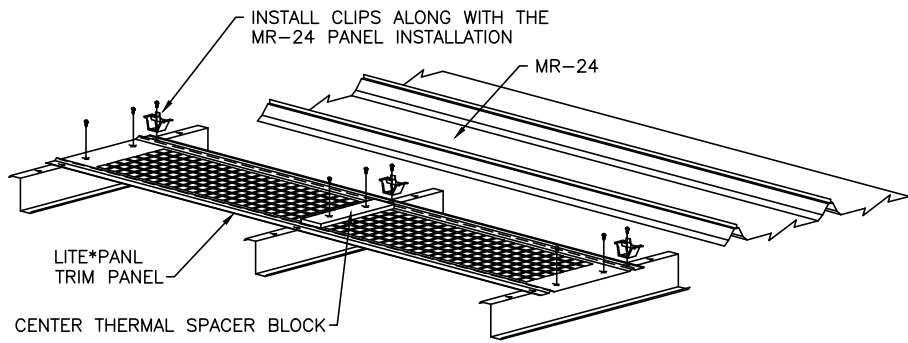
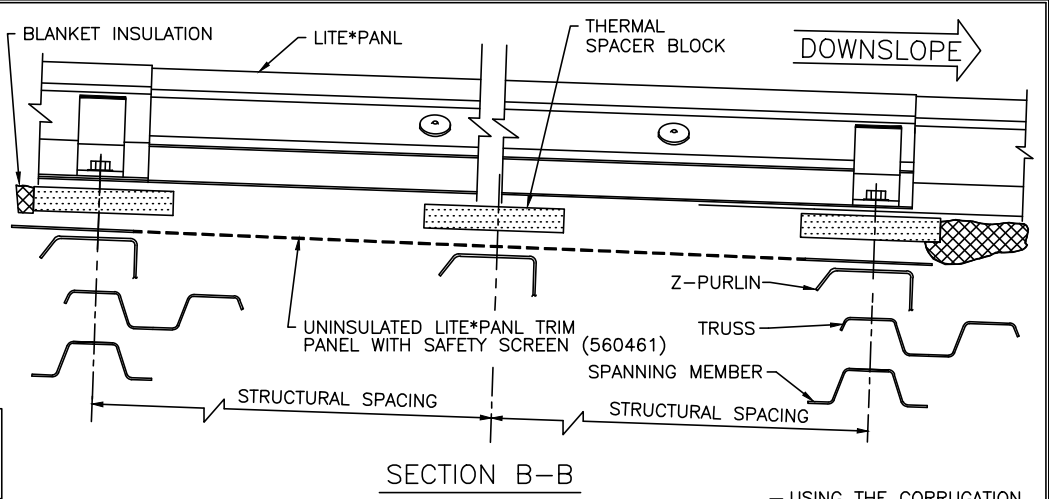
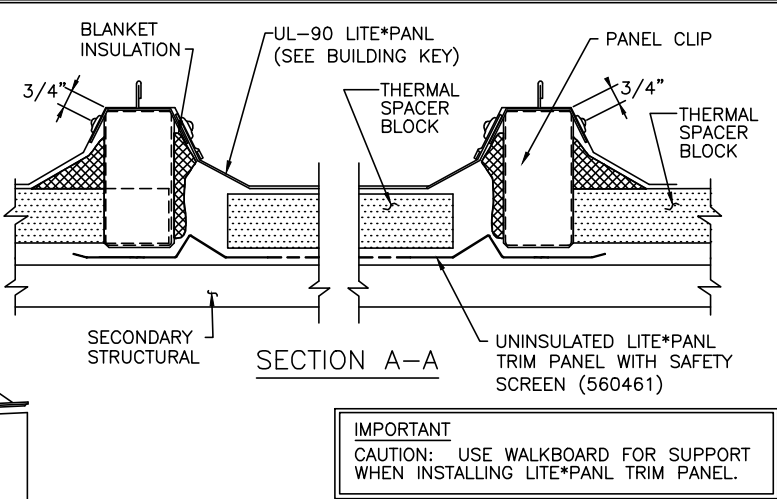
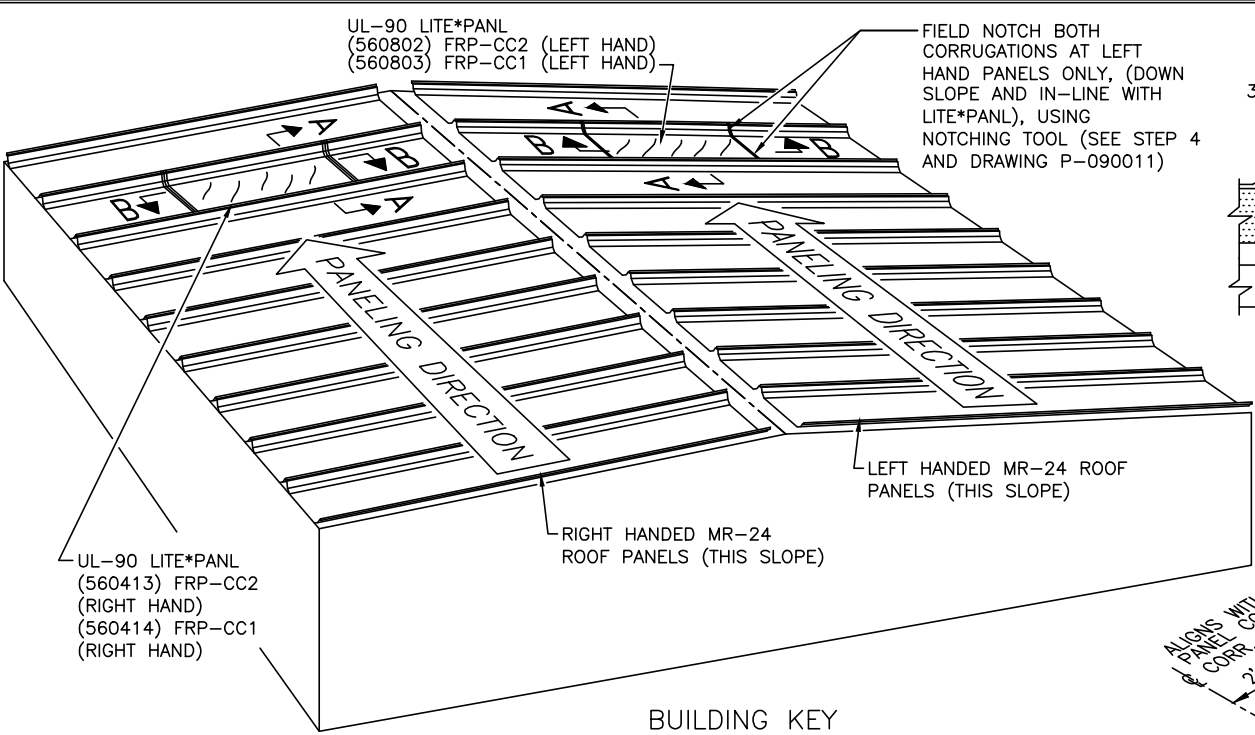
MR-24 U.L. 90 INSULATED LITE*PANL UNINSULATED PURLIN			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-011-01	
PDW	RMC		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

B

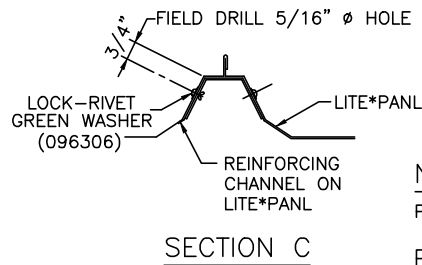
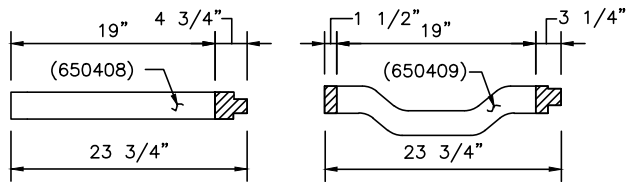
P-081665

06

REVISION NUMBER 5		REVISION NUMBER 4		REVISION NUMBER 3		REVISION NUMBER 7		REVISION NUMBER 6	
DATE	10/13/16	DATE	05/06/16	DATE	11/20/15	DATE	09/03/20	DATE	11/06/18
BY	CHD	BY	CHD	BY	CHD	BY	CHD	BY	CHD
CHKD	RLB	CHKD	BSN	CHKD	RHE	CHKD	BSN	CHKD	BSN
REVISE NOTE	#21619	GENERAL REVISION		ADDED NOTCH DETAIL FOR SEAMED RIDGE LEFT HAND PANEL AND LEFT HAND PANEL PART NUMBERS.		ADD FLORIDA APPROVAL LOGO		REVISED TO ADD A DISCLAIMER FOR THE TRIM PANEL. THE TRIM PANEL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.	
CHANGE REFERENCE PLANO FROM P-080011.									



IMPORTANT:
LITE*PANEL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

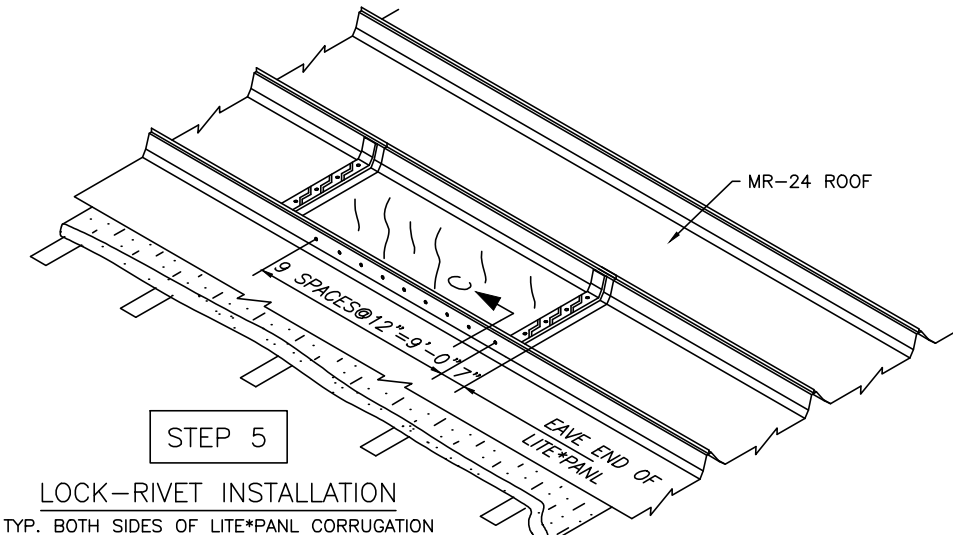
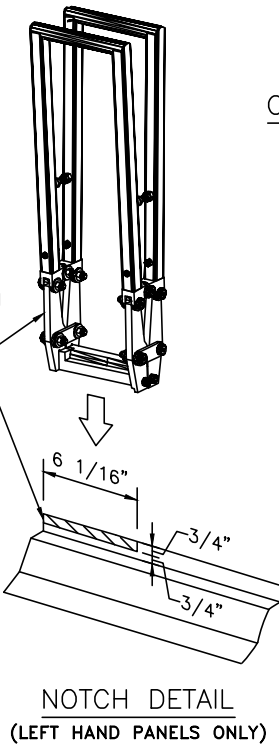
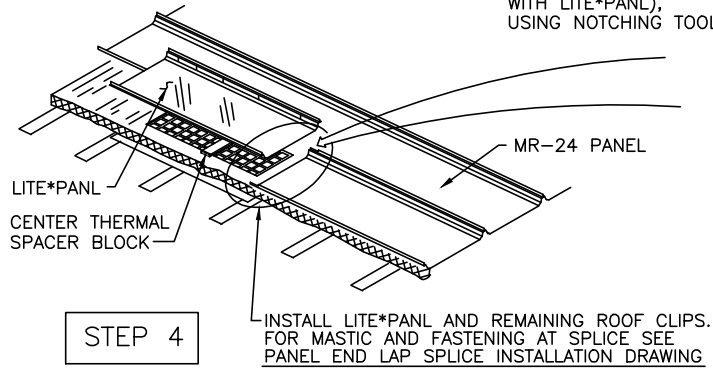


NOTE:
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

ERECTION SEQUENCE

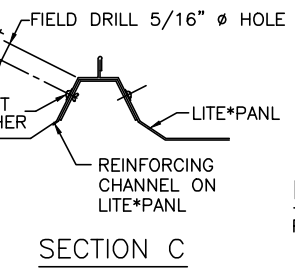
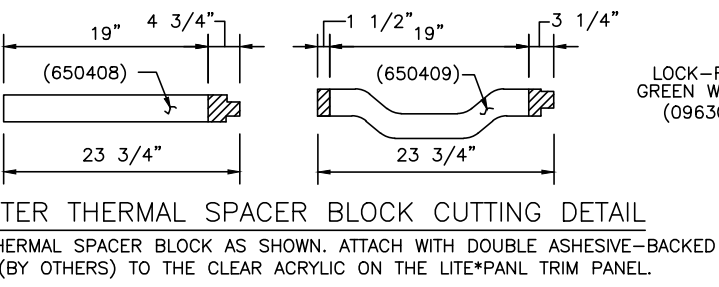
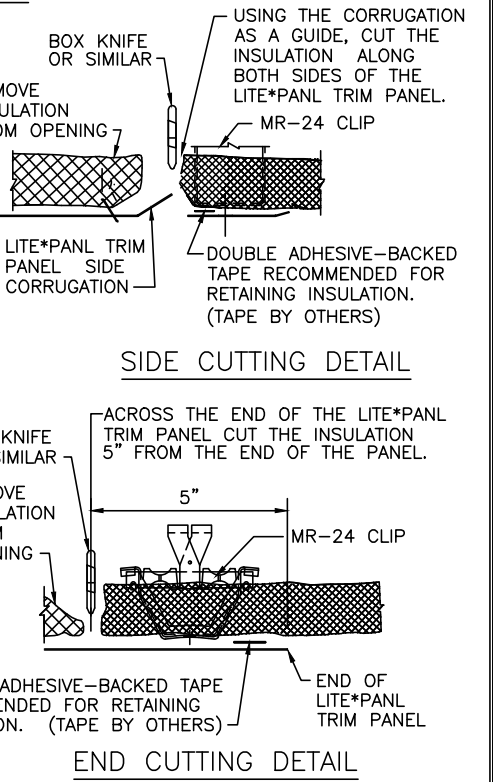
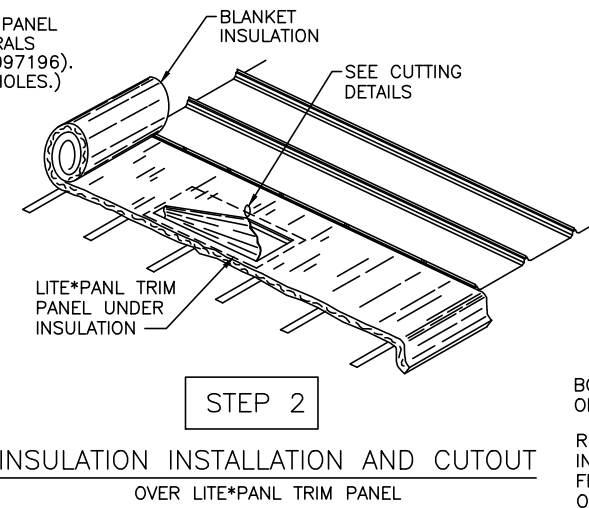
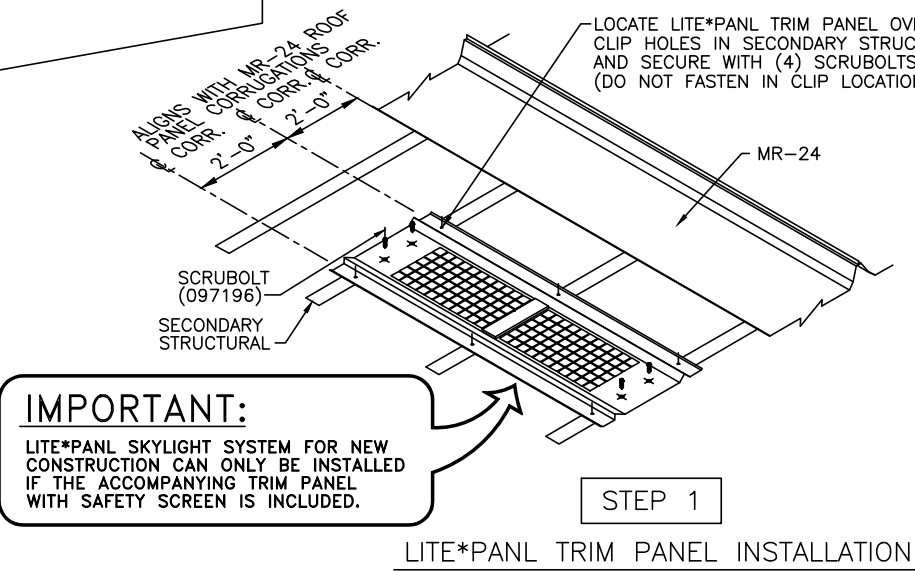
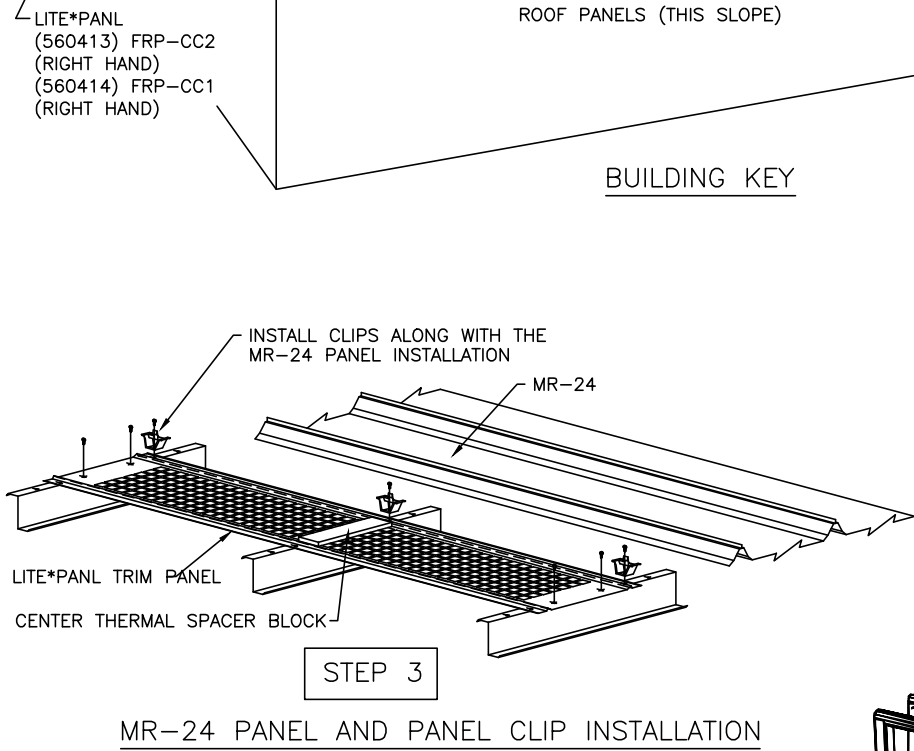
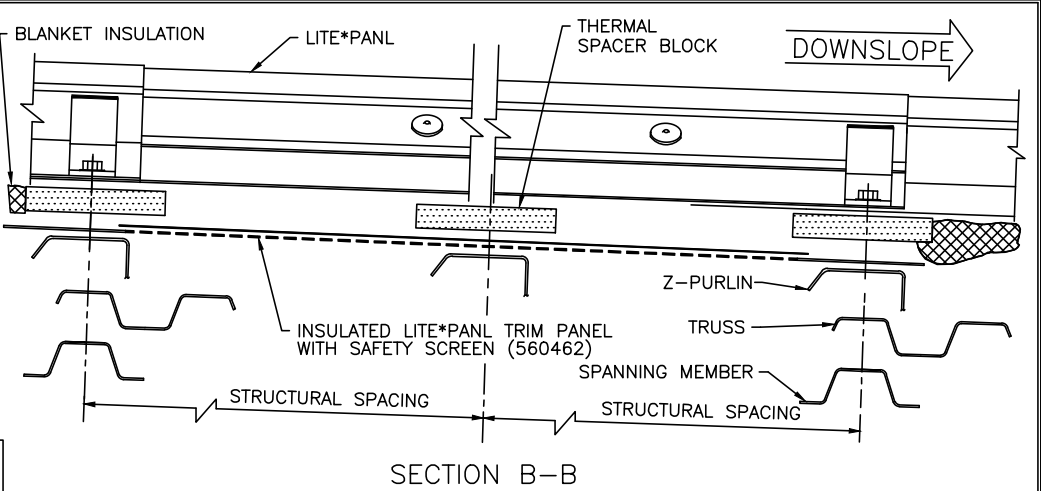
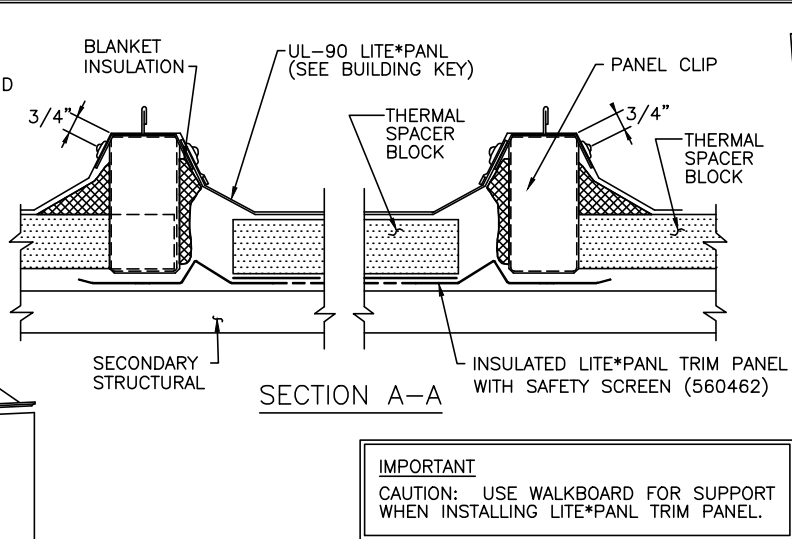
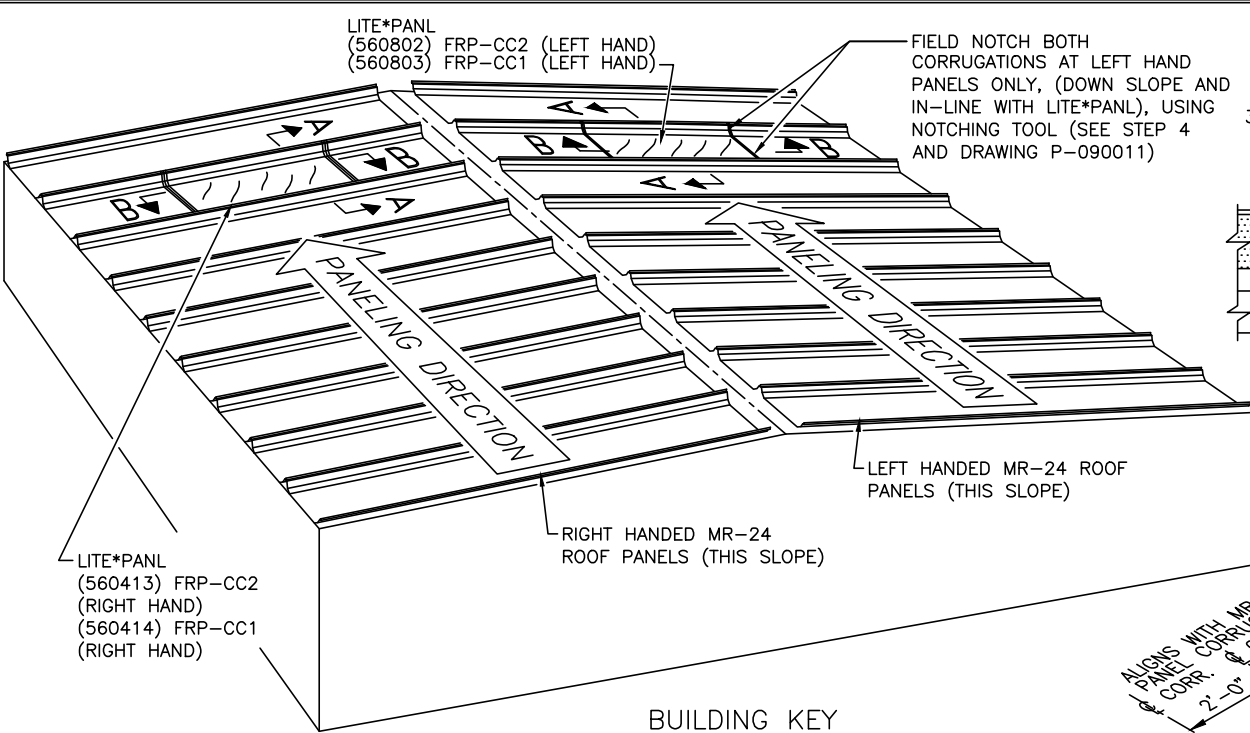
- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANEL. THEN INSTALL THE LITE*PANEL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANEL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANEL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
- STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANEL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANEL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANEL. (SEE CUTTING DETAILS)
- STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANEL TRIM PANEL.
- STEP 4** INSTALL THE LITE*PANEL AND ROOF CLIPS SIMILAR TO A SPLICE PANEL SHOWN ON PANEL END LAP SPLICE INSTALLATION DRAWING P-080577.
- STEP 5** FIELD DRILL 5/16"Ø HOLES AND INSTALL GREEN STEM LOCK-RIVETS (096306). REFER TO SECTION C.

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

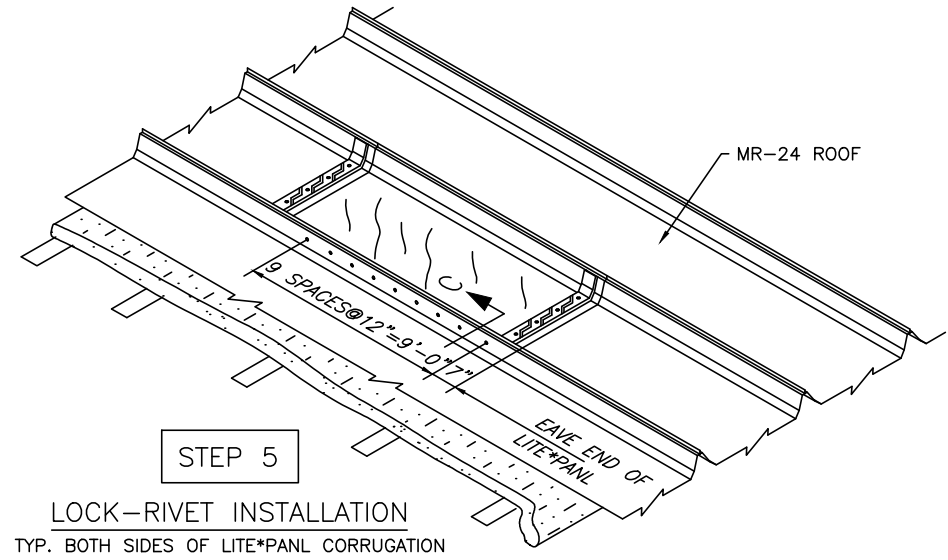
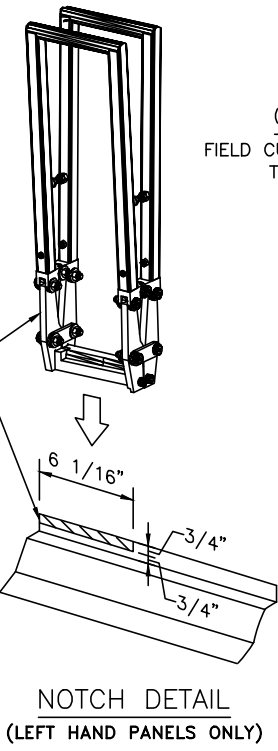
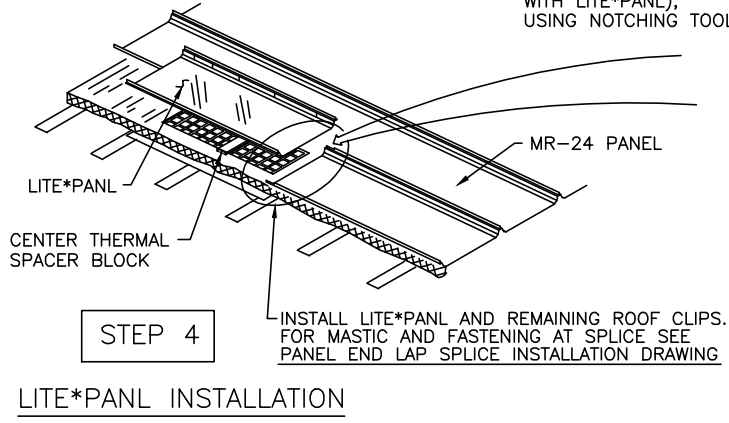


MR-24 U.L. 90 UNINSULATED LITE*PANEL INSULATED PURLIN			
DRAWN BY	PDW	CHECKED BY	RMC
FIRST RELEASE DATE	01/21/10	REVISION DATE	09/03/20
GROUP NUMBER: 02-011-01		B P-081666 07	

REVISION NUMBER 5		REVISION NUMBER 4		REVISION NUMBER 3		REVISION NUMBER 7		REVISION NUMBER 6	
DATE	10/13/16	DATE	05/06/16	DATE	11/23/15	DATE	09/03/20	DATE	11/06/18
CHG	CHD	CHG	CHD	CHG	CHD	CHG	CHD	CHG	CHD
BY	BSN	BY	BSN	BY	RHE	BY	BSN	BY	BSN
REVISION	#21619	REVISION	RKP	REVISION	XXX	REVISION	RLB	REVISION	#24316
CHANGE REFERENCE PLANO FROM P-080011.		GENERAL REVISION		ADDED NOTCH DETAIL FOR SEAMED RIDGE LEFT HAND PANEL AND LEFT HAND PANEL PART NUMBERS.		ADD FLORIDA APPROVAL LOGO		REVISED TO ADD A DISCLAIMER FOR THE TRIM PANEL. THE TRIM PANEL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.	



WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

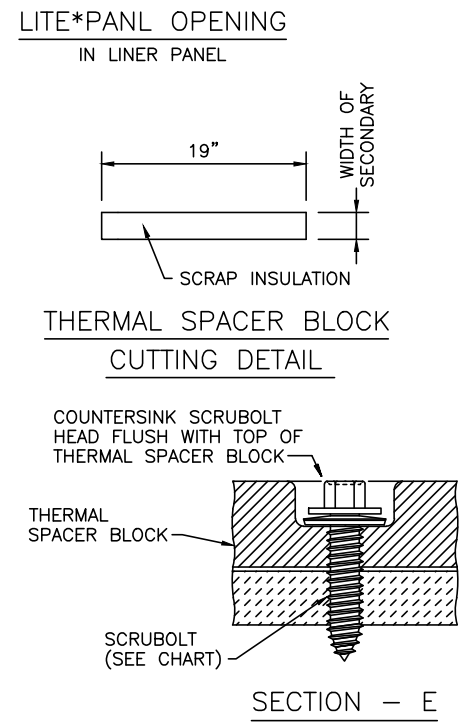
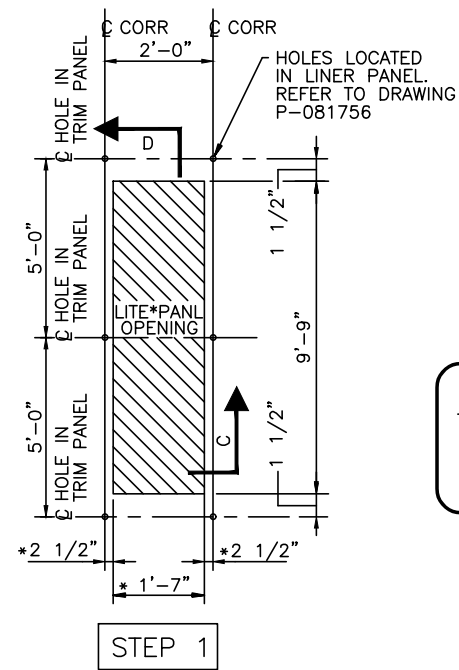
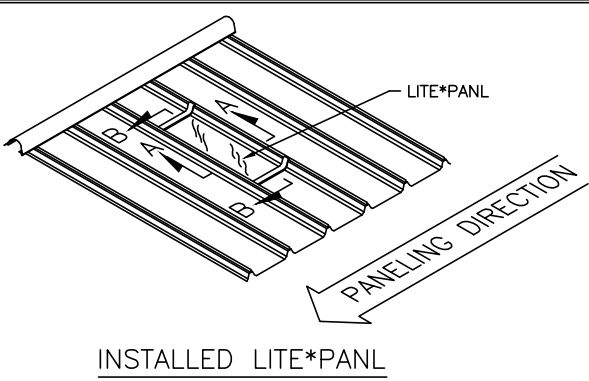


- NOTE:**
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.
- ERECTION SEQUENCE**
- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE*PANL. THEN INSTALL THE LITE*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE TO THE SIDES AND ACROSS THE ENDS OF THE LITE*PANL TRIM PANEL TO HOLD THE PERIMETER INSULATION AFTER CUTTING.
 - STEP 2** ROLL OUT THE BLANKET INSULATION OVER THE LITE*PANL TRIM PANEL AND INSTALL THE LOWER ROOF PANELS AS REQUIRED. THEN USING THE LITE*PANL TRIM PANEL AS A CUTTING REFERENCE, CUT OUT THE AREA FOR THE LITE*PANL. (SEE CUTTING DETAILS)
 - STEP 3** INSTALL ADJACENT SIDE MR-24 PANEL AND CLIPS WITH SCRUBOLTS GOING THROUGH INSULATION AND LITE*PANL TRIM PANEL.
 - STEP 4** INSTALL THE LITE*PANL AND ROOF CLIPS SIMILAR TO A SPLICE PANEL SHOWN ON PANEL END LAP SPLICE INSTALLATION DRAWING P-080577.
 - STEP 5** FIELD DRILL 5/16"Ø HOLES AND INSTALL GREEN STEM LOCK-RIVETS (096306). REFER TO SECTION C.

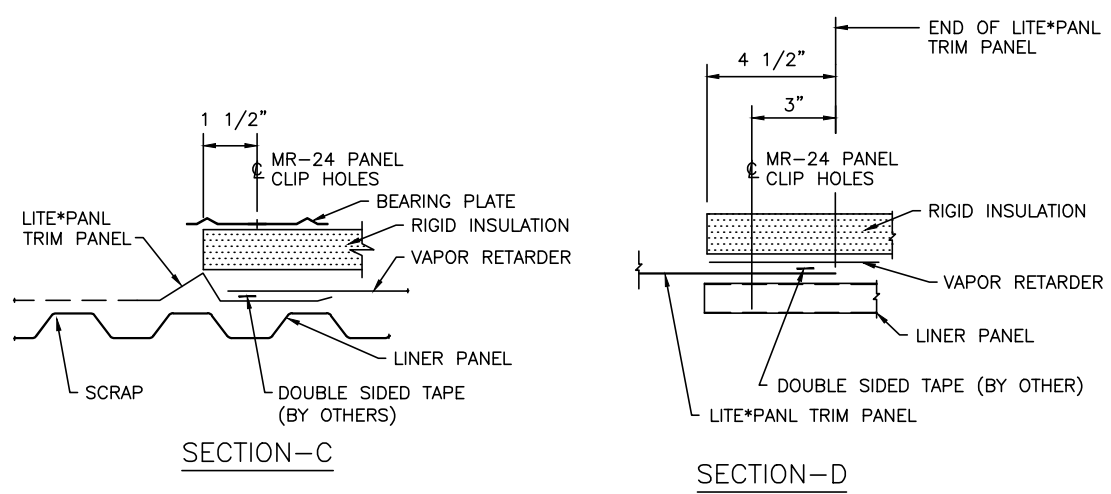
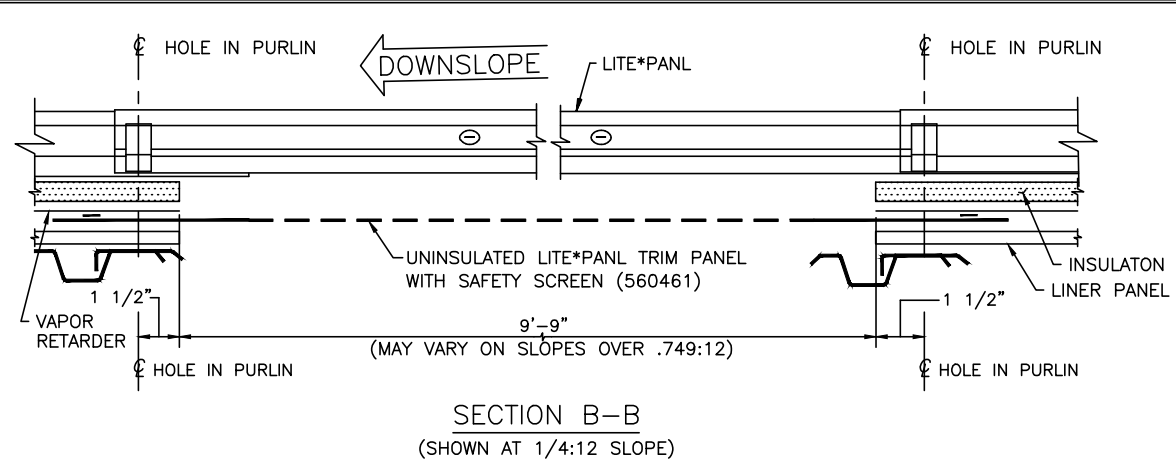
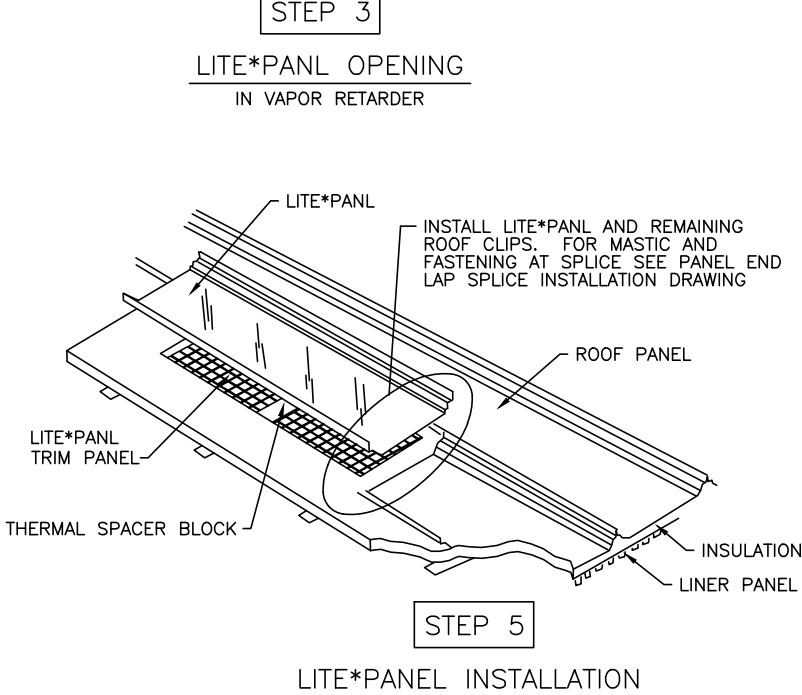
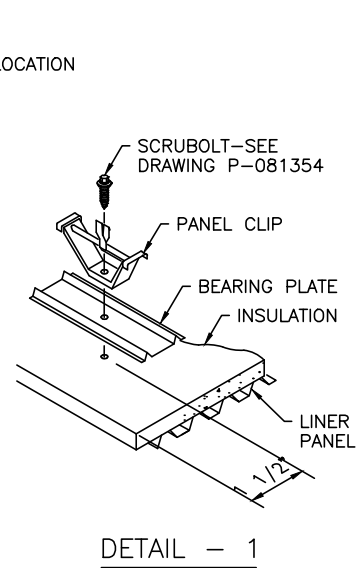
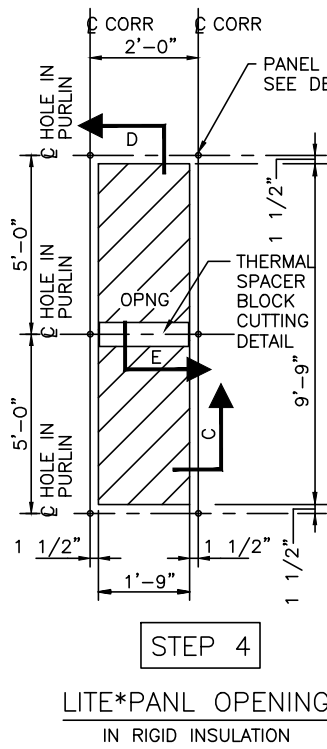
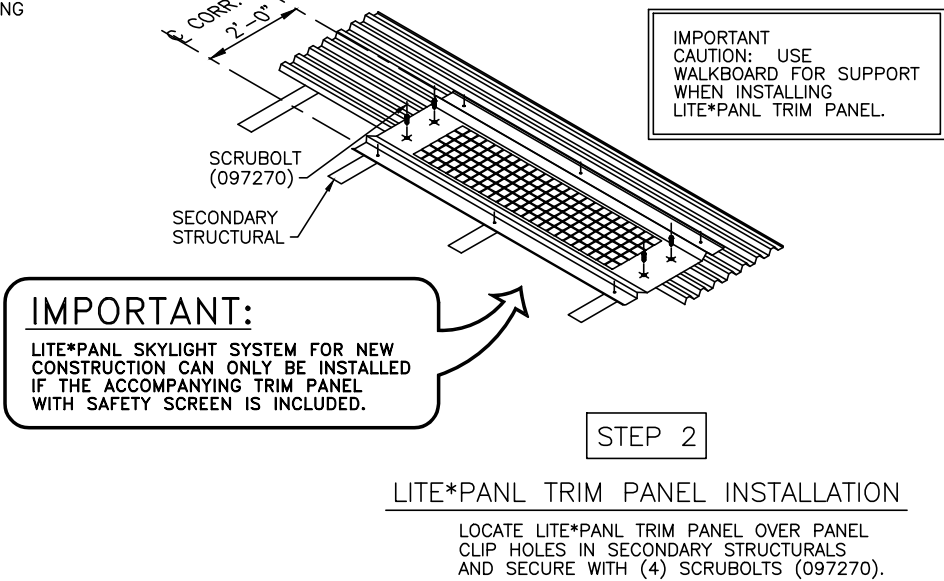
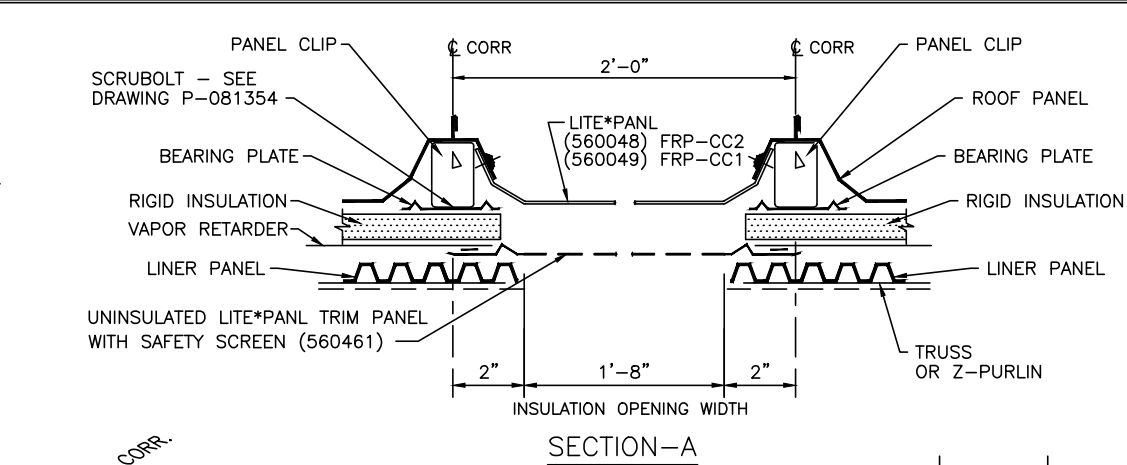


MR-24 U.L. 90 INSULATED LITE*PANL INSULATED PURLIN			
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-011-01	
PDW	RMC	B P-081667 07	
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

REVISION NUMBER 6				REVISION NUMBER 2				REVISION NUMBER 3				REVISION NUMBER 4				REVISION NUMBER 5			
DATE 09/03/20				DATE 02/06/14				DATE 05/15/14				DATE 05/01/15				DATE 11/06/18			
DWBY CHKD BSN RLB				DWBY CHKD BSN RJB				DWBY CHKD BSN RLB				DWBY CHKD ARS RKP				DWBY CHKD BSN RHE			
ADD FLORIDA APPROVAL LOGO 24319				GENERAL REVISION				REVISED TO CHANGE DRAWING REFERENCE TO P-081756. IS BEING DELETED AND REPLACED WITH P-081756.				CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER DRG707.				REVISED TO ADD A DISCLAIMER FOR THIS DRAWING. THIS DRAWING IS TO BE USED ONLY IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.			



THERMAL SPACER BLOCK AND SCRUBOLT USAGE CHART			
RIGID INSUL.	CENTER THERMAL SPACER BLOCK	SCRUBOLT	QTY.
3/4"	FIELD CUT FROM SCRAP INSULATION	097222	2
1 3/4"		097271	2



ERECTION SEQUENCE

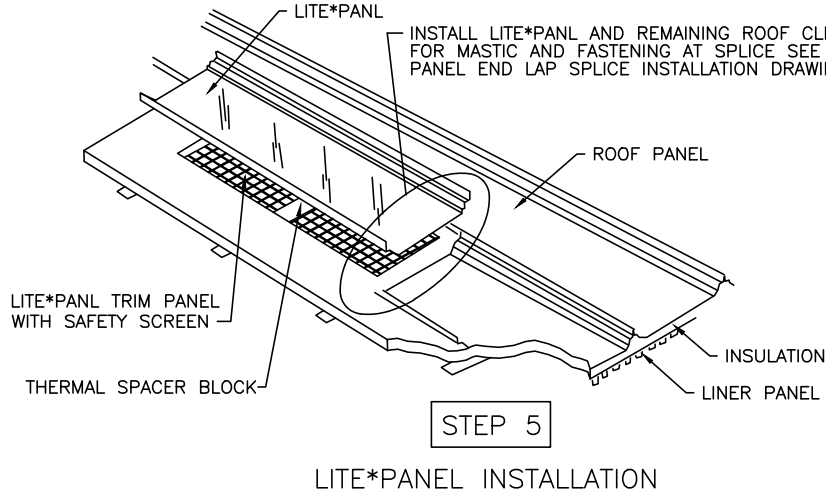
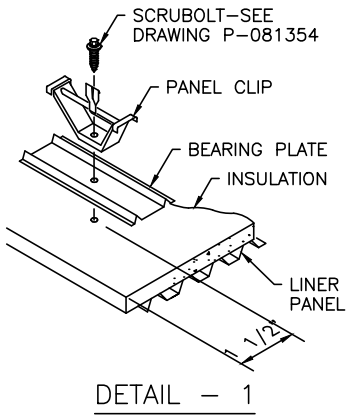
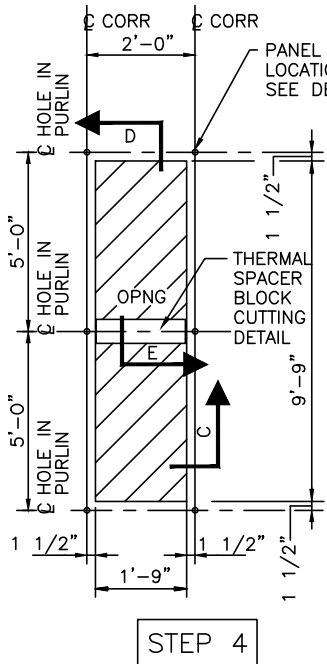
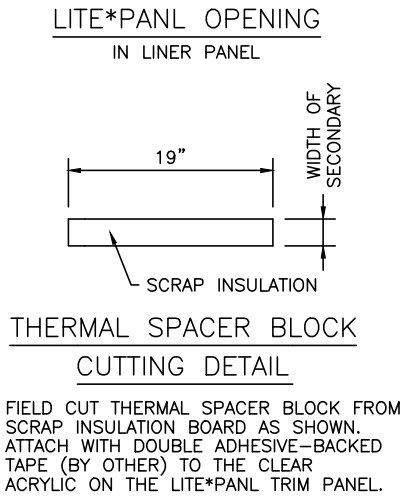
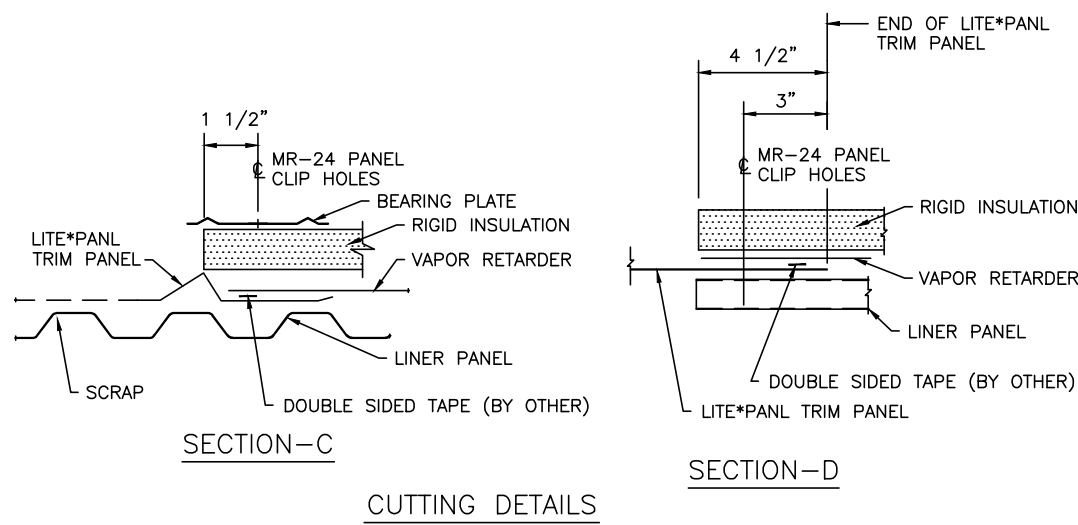
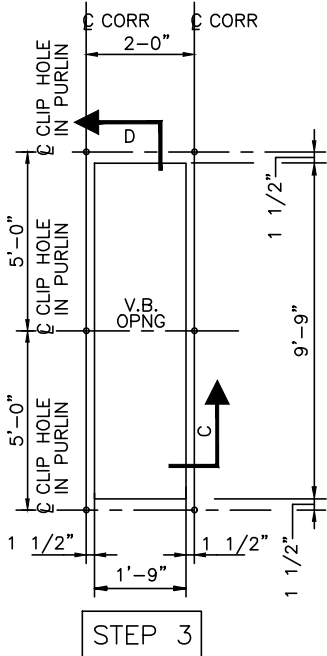
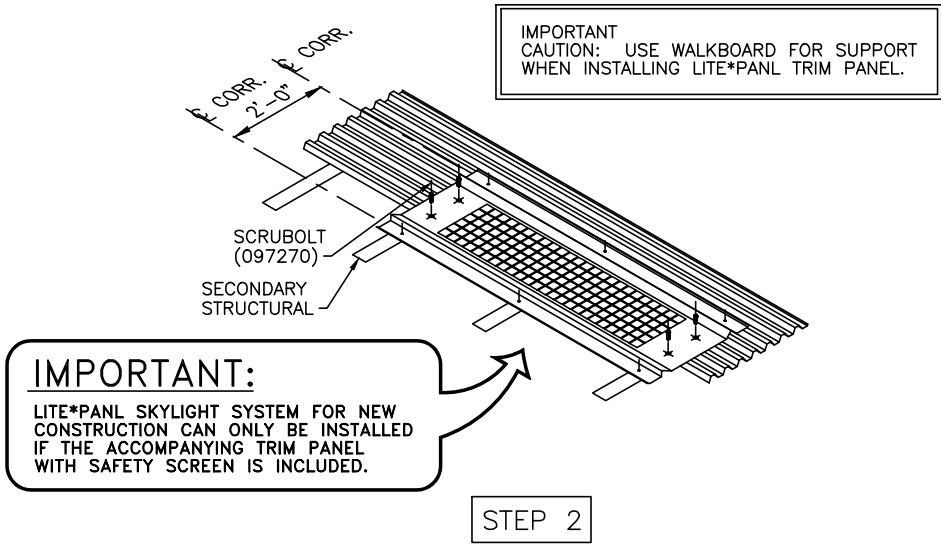
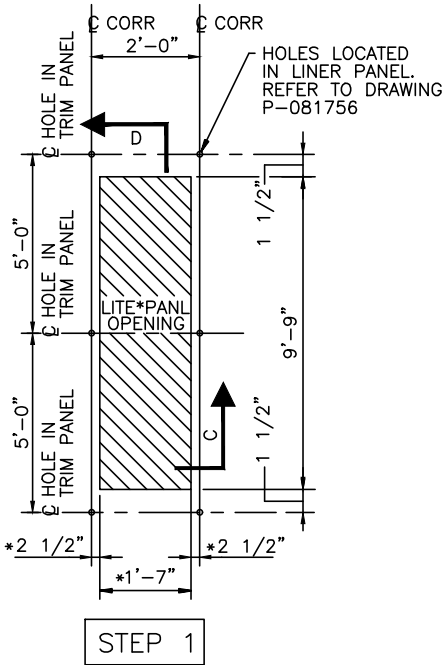
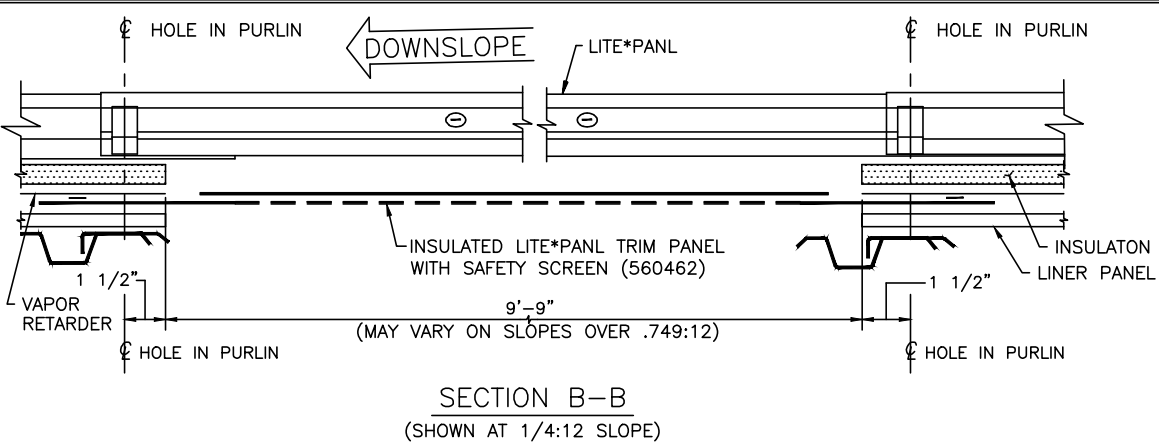
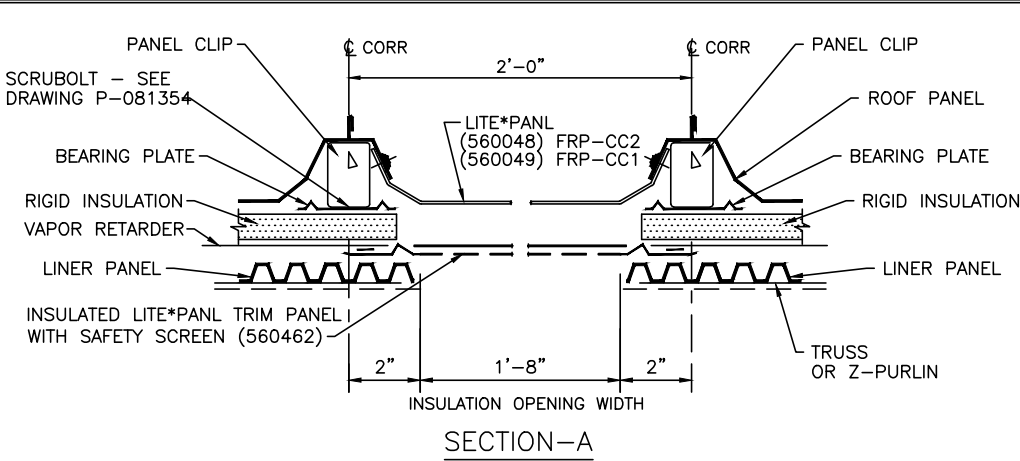
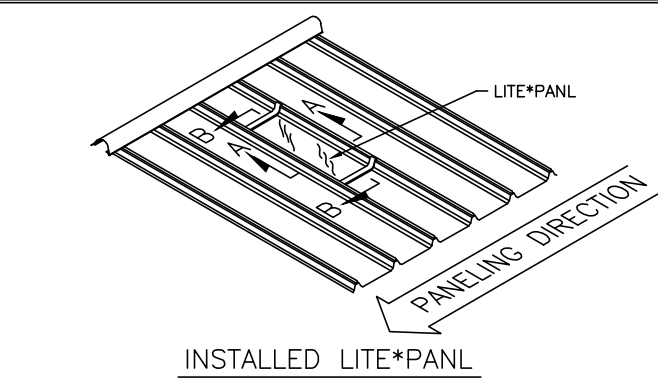
- STEP 1** INSTALL LINER PANEL, REFER TO DRAWING P-081756 FOR LINER PANEL INSTALLATION. LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION FOR THE LITE*PANL. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE LINER PANEL AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE LINER PANEL AS SHOWN IN STEP 1 TO ALLOW LINER PANEL SUPPORT FOR THE LITE*PANL TRIM PANEL. (CAUTION: HOT SAW IS NOT RECOMMENDED TO CUT OPENING).
- STEP 2** INSTALL THE LITE*PANL TRIM PANEL OVER THE LINER PANEL USING (4) SCRUBOLTS (097270) IN THE ATTACHMENT HOLES SHOWN. FIELD LOCATE (4) ADDITIONAL 5/16" IN LINER PANEL AT PANEL HOLES IN PURLIN.
- STEP 3** INSTALL VAPOR RETARDER, REFERRING TO DRAWING P-081354 FOR VAPOR RETARDER INSTALLATION. USING THE LITE*PANL TRIM PANEL AS A GUIDE CUT THE LITE*PANL OPENING IN THE VAPOR RETARDER. ATTACH VAPOR RETARDER TO THE LITE*PANL TRIM PANEL WITH DOUBLE SIDED INSULATION TAPE (BY OTHER) TO RETAIN VAPOR RETARDER IN PLACE DURING THE REMAINING INSTALLATION STEPS.
- STEP 4** INSTALL RIGID BOARD INSULATION, REFERRING TO DRAWING P-081354 FOR INSTALLATION INSTRUCTIONS. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE INSULATION BOARD AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE INSULATION BOARD AS SHOWN IN STEP 4. (ALONG THE LITE*PANL TRIM PANEL CORRUGATION) FIELD CUT THERMAL SPACER BLOCK(S) FROM SCRAP INSULATION BOARD AS SHOWN AND INSTALL. SECURE TO PURLIN WITH (2) SCRUBOLTS.
- STEP 5** INSTALL THE LITE*PANL SIMILAR TO A SPLICE PANEL, USING THE SPLICE DETAILS ON DRAWING P-080212.



CMR-24 UNINSULATED LITE*PANL INSTALLATION			
DRAWN BY PDW	CHECKED BY RMC	GROUP NUMBER: 03-Q11-01	
FIRST RELEASE DATE 01/21/10	REVISION DATE 09/03/20	B	P-081668 06

WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

REVISION NUMBER 6		REVISION NUMBER 2		REVISION NUMBER 3		REVISION NUMBER 4		REVISION NUMBER 5	
DATE	09/03/20	DATE	02/06/14	DATE	05/15/14	DATE	05/04/15	DATE	11/06/18
DWBY	CHKO	DWBY	CHKO	DWBY	CHKO	DWBY	CHKO	DWBY	CHKO
BSN	BSN	BSN	RJR	RHE	RLB	RHE	ARS	RHE	BSN
ADD FLORIDA APPROVAL LOGO		GENERAL REVISION		REVISED TO CHANGE DRAWING REFERENCE TO "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		REVISED TO ADD A DISCLAIMER FOR "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".	
REVISED TO ADD A DISCLAIMER FOR "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		REVISED TO CHANGE DRAWING REFERENCE TO "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		REVISED TO CHANGE DRAWING REFERENCE TO "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		REVISED TO CHANGE DRAWING REFERENCE TO "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".		REVISED TO CHANGE DRAWING REFERENCE TO "THERMAL SPACER BLOCK" TO "THERMAL SPACER BLOCK PER D08707".	



ERECTION SEQUENCE

- STEP 1 INSTALL LINER PANEL, REFER TO DRAWING P-081756 FOR LINER PANEL INSTALLATION. LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION FOR THE LITE*PANL. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE LINER PANEL AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE LINER PANEL AS SHOWN IN STEP 1 TO ALLOW LINER PANEL SUPPORT FOR THE LITE*PANL TRIM PANEL. (CAUTION: HOT SAW IS NOT RECOMMENDED TO CUT OPENING).
- STEP 2 INSTALL THE LITE*PANL TRIM PANEL OVER THE LINER PANEL USING (4) SCRUBOLTS (097270) IN THE ATTACHMENT HOLES SHOWN. FIELD LOCATE (4) ADDITIONAL 5/16" IN LINER PANEL AT PANEL HOLES IN PURLIN.
- STEP 3 INSTALL VAPOR RETARDER, REFERRING TO DRAWING P-081354 FOR VAPOR RETARDER INSTALLATION. USING THE LITE*PANL TRIM PANEL AS A GUIDE CUT THE LITE*PANL OPENING IN THE VAPOR RETARDER. ATTACH VAPOR RETARDER TO THE LITE*PANL TRIM PANEL WITH DOUBLE SIDED INSULATION TAPE (BY OTHER) TO RETAIN VAPOR RETARDER IN PLACE DURING THE REMAINING INSTALLATION STEPS.
- STEP 4 INSTALL RIGID BOARD INSULATION, REFERRING TO DRAWING P-081354 FOR INSTALLATION INSTRUCTIONS. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE INSULATION BOARD AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE INSULATION BOARD AS SHOWN IN STEP 4. (ALONG THE LITE*PANL TRIM PANEL CORRUGATION) FIELD CUT THERMAL SPACER BLOCK(S) FROM SCRAP INSULATION BOARD AS SHOWN AND INSTALL. SECURE TO PURLIN WITH DOUBLE SIDED TAPE. (BY OTHER)
- STEP 5 INSTALL THE LITE*PANL SIMILAR TO A SPLICE PANEL, USING THE SPLICE DETAILS ON DRAWING P-080212.

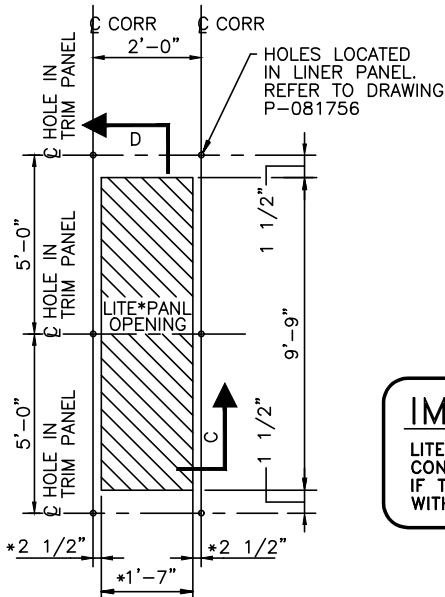
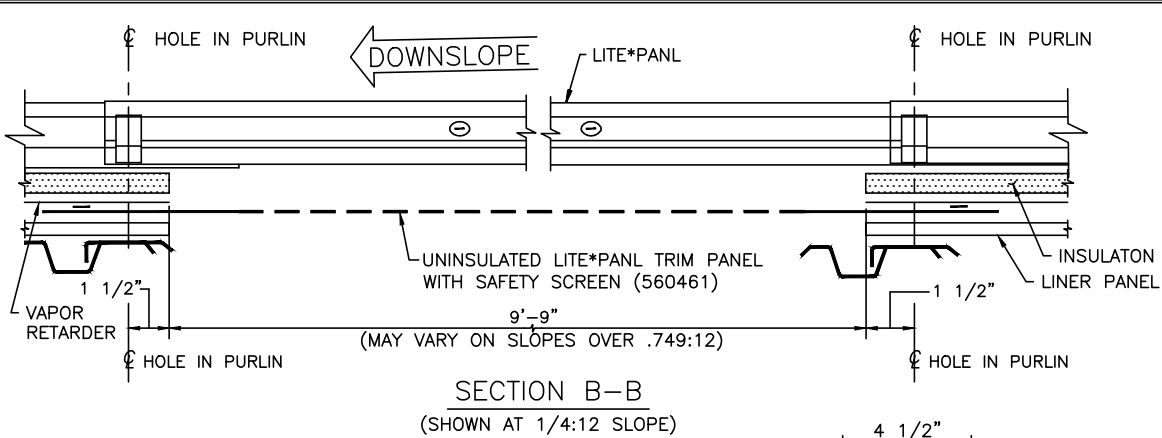
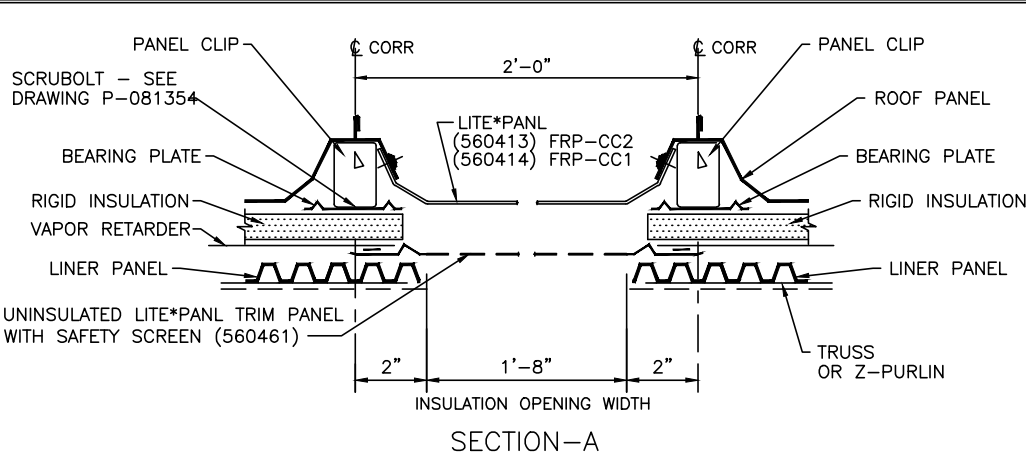
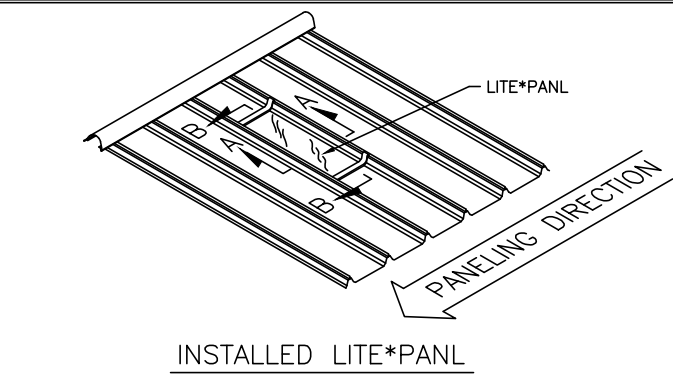
WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



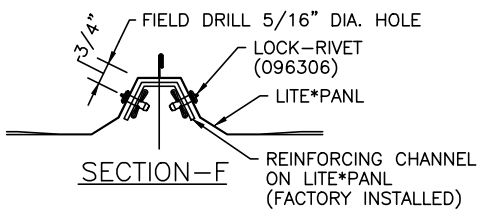
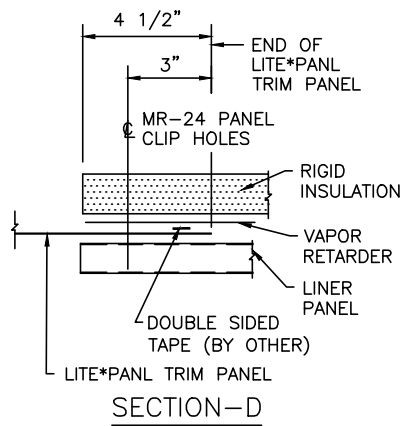
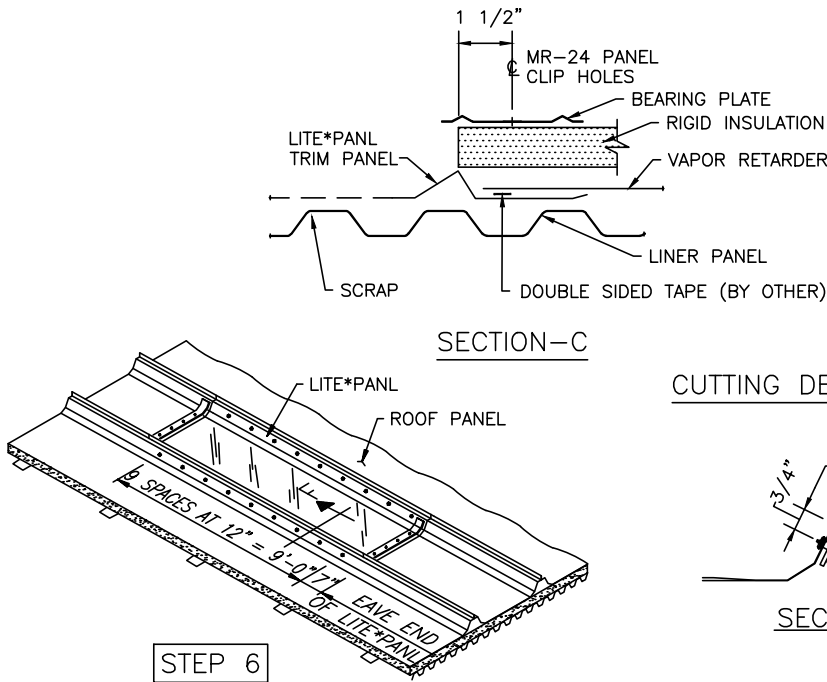
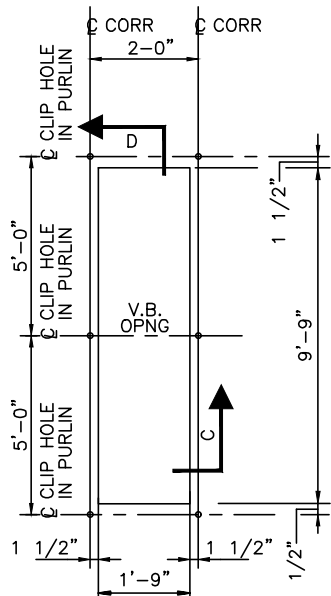
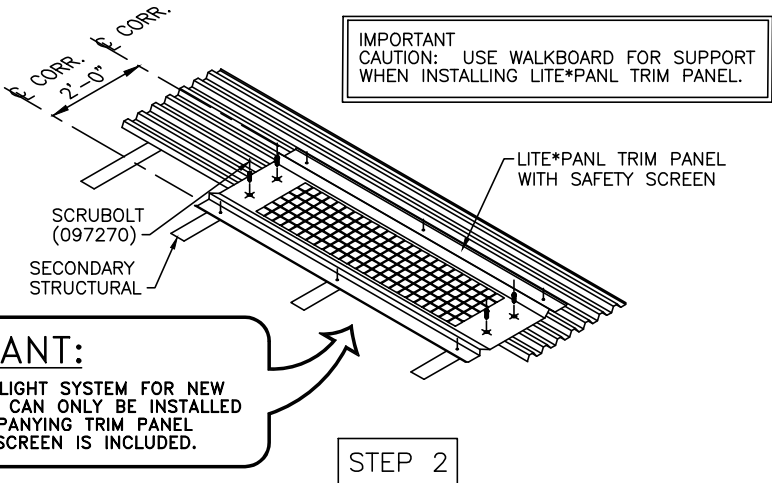
CMR-24 INSULATED LITE*PANL INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 03-011-01	
PDW	RMC		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

B P-081669 06

REVISION NUMBER 6		REVISION NUMBER 7		REVISION NUMBER 3		REVISION NUMBER 4		REVISION NUMBER 5	
DATE	11/06/18	DATE	09/03/20	DATE	02/06/14	DATE	05/15/14	DATE	05/04/15
BY	CHKO	BY	CHKO	BY	CHKO	BY	CHKO	BY	CHKO
RE	BSN	RE	BSN	RE	BSN	RE	RHE	RE	ARS
REVISION TO ADD A DISCLAIMER FOR THE TRIM PANEL. THE TRIM PANEL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.		ADD FLORIDA APPROVAL LOGO 24319		GENERAL REVISION		REVISED TO CHANGE DRAWING REFERENCE TO P-081756. IS BEING DISCONTINUED AND REPLACED WITH P-081756.		CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER DRG707.	

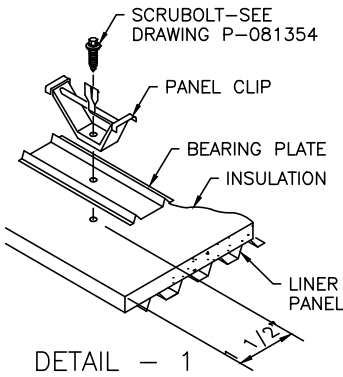
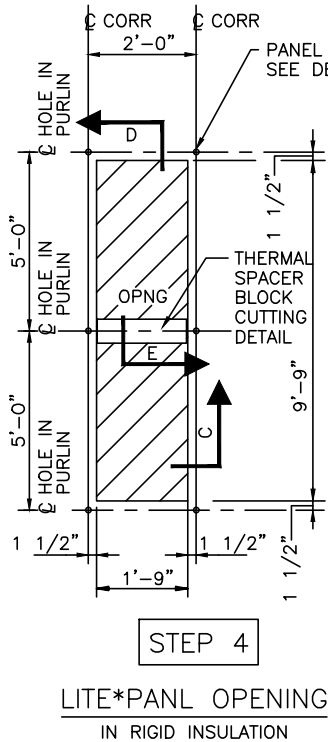
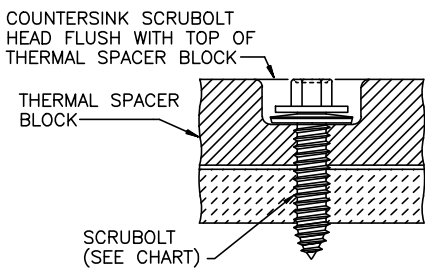
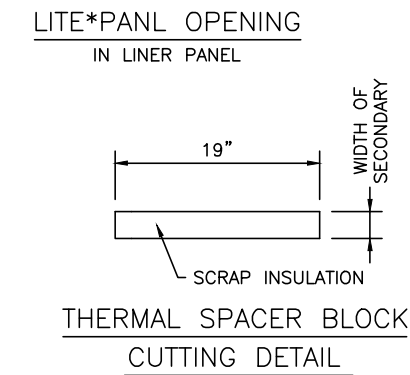


IMPORTANT:
LITE*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

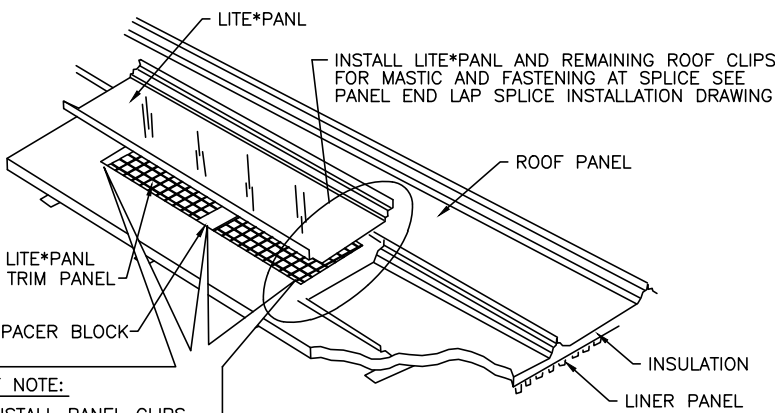


ERECTION SEQUENCE

- STEP 1** INSTALL LINER PANEL, REFER TO DRAWING P-081756 FOR LINER PANEL INSTALLATION. LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION FOR THE LITE*PANL. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE LINER PANEL AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE LINER PANEL AS SHOWN IN STEP 1 TO ALLOW LINER PANEL SUPPORT FOR THE LITE*PANL TRIM PANEL. (CAUTION: HOT SAW IS NOT RECOMMENDED TO CUT OPENING).
- STEP 2** INSTALL THE LITE*PANL TRIM PANEL OVER THE LINER PANEL USING (4) SCRUBOLTS (097270) IN THE ATTACHMENT HOLES SHOWN. FIELD LOCATE (4) ADDITIONAL 5/16" DIA. IN LINER PANEL AT PANEL HOLES IN PURLIN.
- STEP 3** INSTALL VAPOR RETARDER, REFERRING TO DRAWING P-081354 FOR VAPOR RETARDER INSTALLATION. USING THE LITE*PANL TRIM PANEL AS A GUIDE CUT THE LITE*PANL OPENING IN THE VAPOR RETARDER. ATTACH VAPOR RETARDER TO THE LITE*PANL TRIM PANEL WITH DOUBLE SIDED INSULATION TAPE (BY OTHER) TO RETAIN VAPOR RETARDER IN PLACE DURING THE REMAINING INSTALLATION STEPS.
- STEP 4** INSTALL RIGID BOARD INSULATION, REFERRING TO DRAWING P-081354 FOR INSTALLATION INSTRUCTIONS. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE INSULATION BOARD AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE INSULATION BOARD AS SHOWN IN STEP 4. (ALONG THE LITE*PANL TRIM PANEL CORRUGATION) FIELD CUT THERMAL SPACER BLOCK(S) FROM SCRAP INSULATION BOARD AS SHOWN AND INSTALL. SECURE TO PURLIN WITH (2) SCRUBOLTS.
- STEP 5** INSTALL THE LITE*PANL SIMILAR TO A SPLICE PANEL, USING THE SPLICE DETAILS ON DRAWING P-080212.
- STEP 6** FIELD DRILL 5/16" DIA. HOLES AND INSTALL GREEN WASHER LOCK-RIVETS (096306) (REFER TO SECTION-F).



IMPORTANT NOTE:
DO NOT INSTALL PANEL CLIPS IN THESE LOCATIONS UNTIL LITE*PANL IS INSTALLED



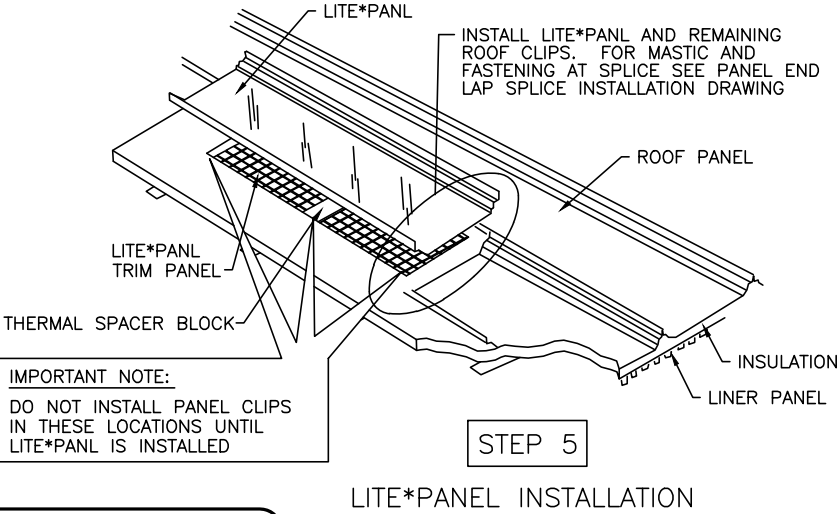
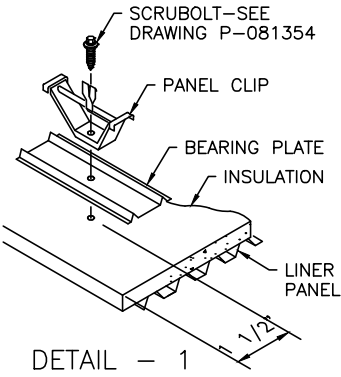
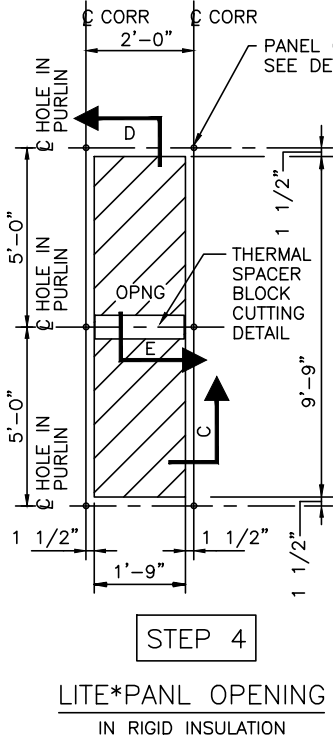
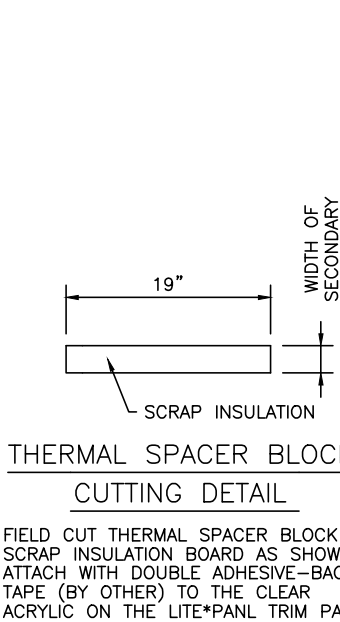
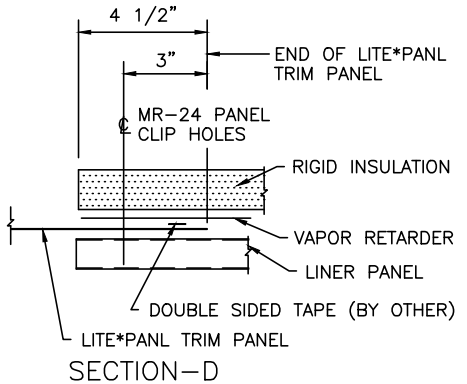
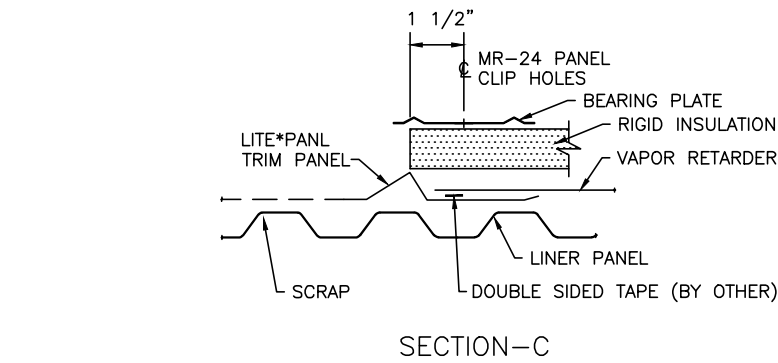
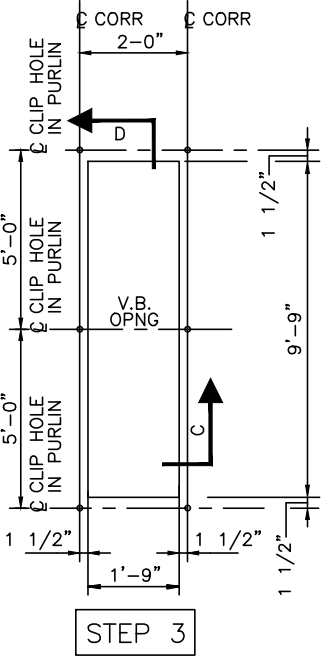
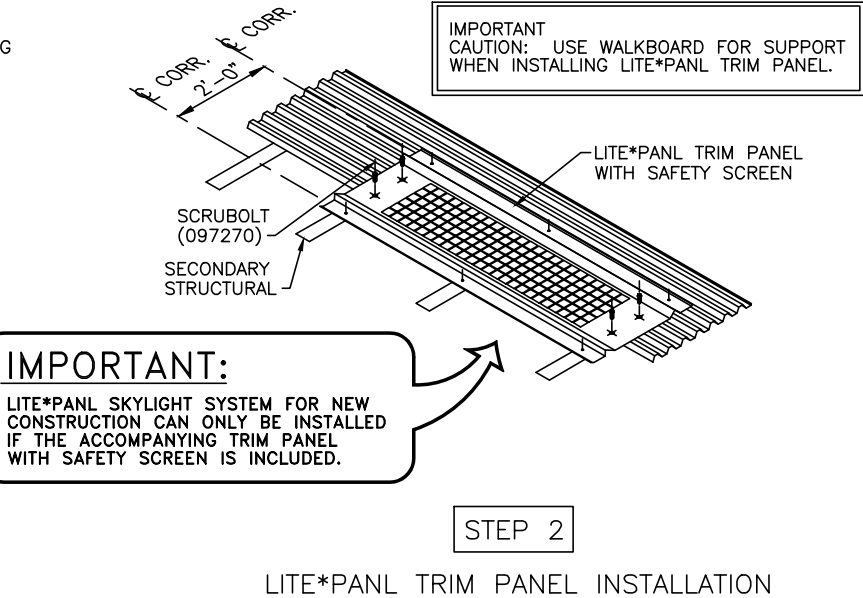
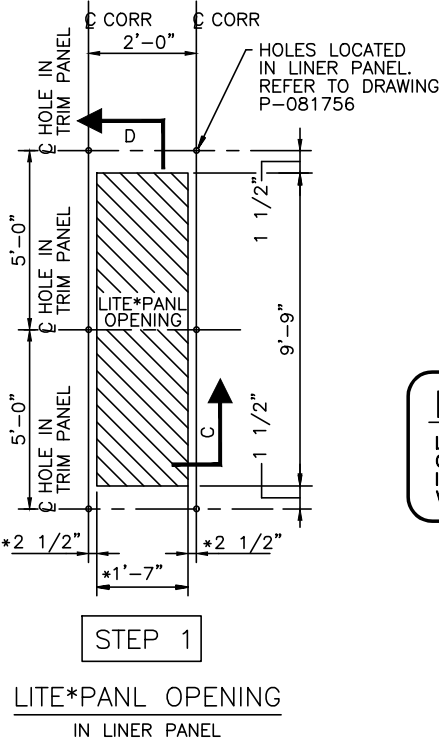
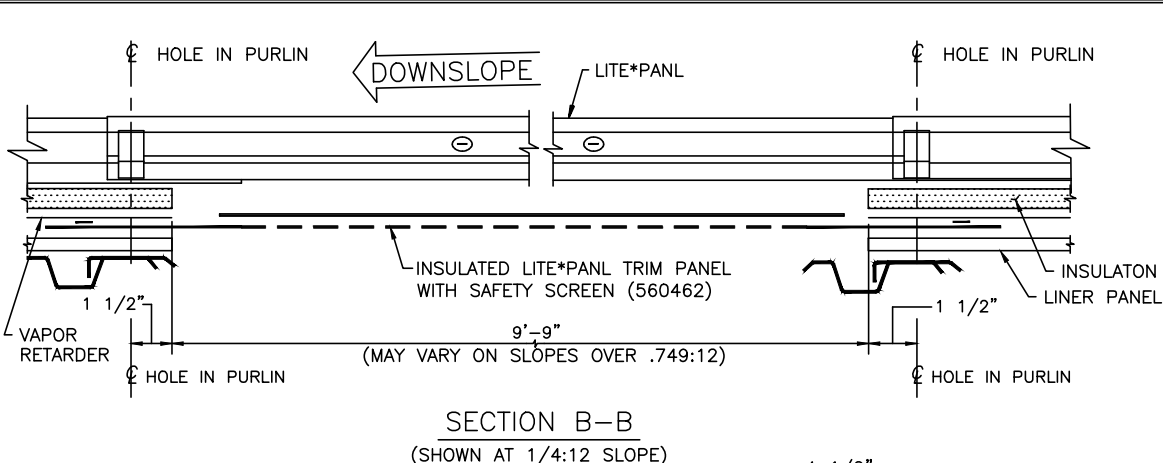
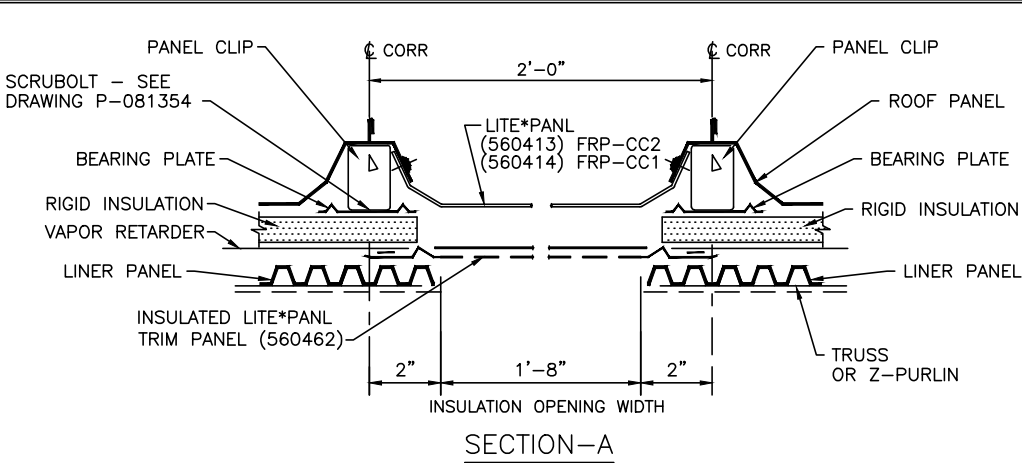
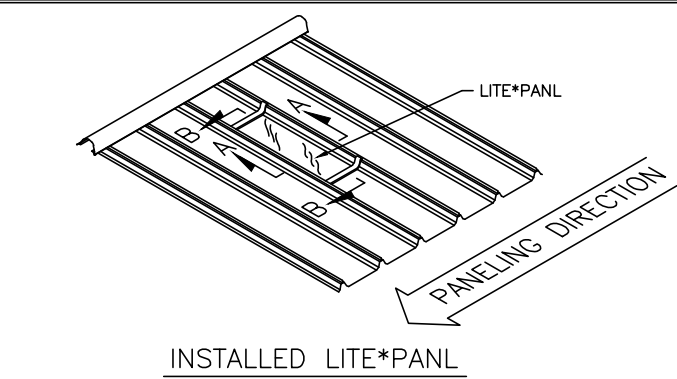
WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

THERMAL SPACER BLOCK AND SCRUBOLT USAGE CHART			
RIGID INSUL.	CENTER THERMAL SPACER BLOCK	SCRUBOLT	QTY.
3/4"	FIELD CUT FROM SCRAP INSULATION	097222	2
1 3/4"		097271	2



CMR-24 UL-90 UNINSULATED LITE*PANL INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 03-011-01	
PDW	RMC	B P-081670	
FIRST RELEASE DATE	REVISION DATE	07	
01/21/10	09/03/20		

REVISION NUMBER 6		REVISION NUMBER 7		REVISION NUMBER 3		REVISION NUMBER 4		REVISION NUMBER 5	
DATE	11/06/18	DATE	09/03/20	DATE	02/07/14	DATE	05/15/14	DATE	05/04/15
BY	CHKO	BY	CHKO	BY	CHKO	BY	CHKO	BY	CHKO
CHKD	BSN	CHKD	BSN	CHKD	BSN	CHKD	RHE	CHKD	ARS
DESCRIPTION	REVISED TO ADD A DISCLAIMER FOR THE TRIM PANEL. THE TRIM PANEL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.	ADD FLORIDA APPROVAL LOGO		GENERAL REVISION		REVISED TO CHANGE DRAWING REFERENCE TO P-081756. IS BEING DISCONTINUED AND REPLACED WITH P-081756.		CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER DRG707.	



ERECTION SEQUENCE

- STEP 1 INSTALL LINER PANEL, REFER TO DRAWING P-081756 FOR LINER PANEL INSTALLATION. LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION FOR THE LITE*PANL. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE LINER PANEL AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE LINER PANEL AS SHOWN IN STEP 1 TO ALLOW LINER PANEL SUPPORT FOR THE LITE*PANL TRIM PANEL. (CAUTION: HOT SAW IS NOT RECOMMENDED TO CUT OPENING).
- STEP 2 INSTALL THE LITE*PANL TRIM PANEL OVER THE LINER PANEL USING (4) SCRUBOLTS (097270) IN THE ATTACHMENT HOLES SHOWN. FIELD LOCATE (4) ADDITIONAL 5/16" DIA. IN LINER PANEL AT PANEL HOLES IN PURLIN.
- STEP 3 INSTALL VAPOR RETARDER, REFERRING TO DRAWING P-081354 FOR VAPOR RETARDER INSTALLATION. USING THE LITE*PANL TRIM PANEL AS A GUIDE CUT THE LITE*PANL OPENING IN THE VAPOR RETARDER. ATTACH VAPOR RETARDER TO THE LITE*PANL TRIM PANEL WITH DOUBLE SIDED INSULATION TAPE (BY OTHER) TO RETAIN VAPOR RETARDER IN PLACE DURING THE REMAINING INSTALLATION STEPS.
- STEP 4 INSTALL RIGID BOARD INSULATION, REFERRING TO DRAWING P-081354 FOR INSTALLATION INSTRUCTIONS. USING THE PRE-LOCATED MR-24 CLIP ATTACHMENT HOLES IN THE INSULATION BOARD AS A GAGE, MARK AND FIELD CUT THE LITE*PANL OPENING IN THE INSULATION BOARD AS SHOWN IN STEP 4. (ALONG THE LITE*PANL TRIM PANEL CORRUGATION) FIELD CUT THERMAL SPACER BLOCK(S) FROM SCRAP INSULATION BOARD AS SHOWN AND INSTALL. SECURE TO PURLIN WITH DOUBLE SIDED TAPE. (BY OTHER)
- STEP 5 INSTALL THE LITE*PANL SIMILAR TO A SPLICE PANEL, USING THE SPLICE DETAILS ON DRAWING P-080212.
- STEP 6 FIELD DRILL 5/16" DIA. HOLES AND INSTALL GREEN WASHER LOCK-RIVETS (096306) (REFER TO SECTION-F).

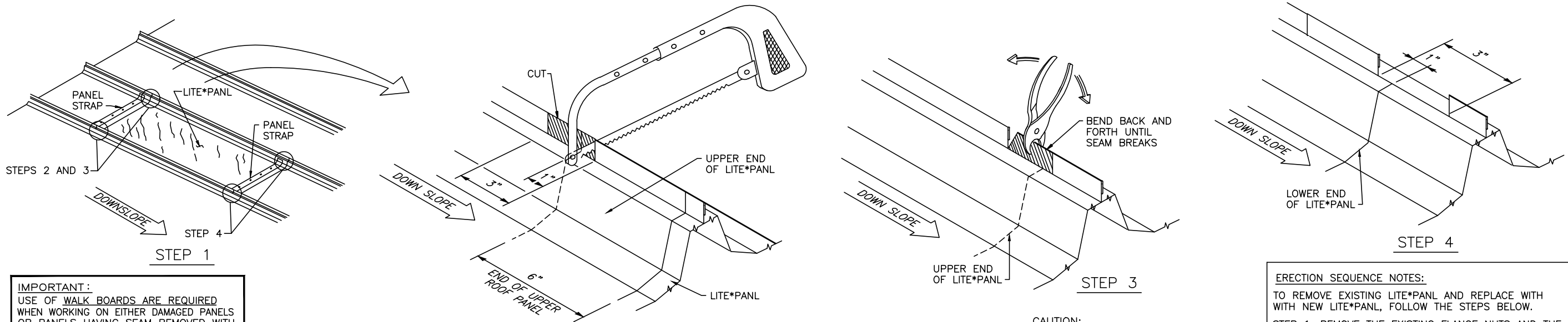
WARNING
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



CMR-24 UL-90 INSULATED LITE*PANL INSTALLATION			
DRAWN BY	CHECKED BY	GROUP NUMBER: 03-011-01	
PDW	RMC		
FIRST RELEASE DATE	REVISION DATE		
01/21/10	09/03/20		

B P-081671 07

REVISION NUMBER 1		REVISION NUMBER 2	
REVISED TO ADD METRIC CALLOUTS AND LAYOUT TABS. ENH #24356.		ADD FLORIDA APPROVAL LOGO	
DATE 12/04/18	DWBY RHE	DATE 09/03/20	DWBY RHE
CHKD BSN	BSN	CHKD BSN	RLB

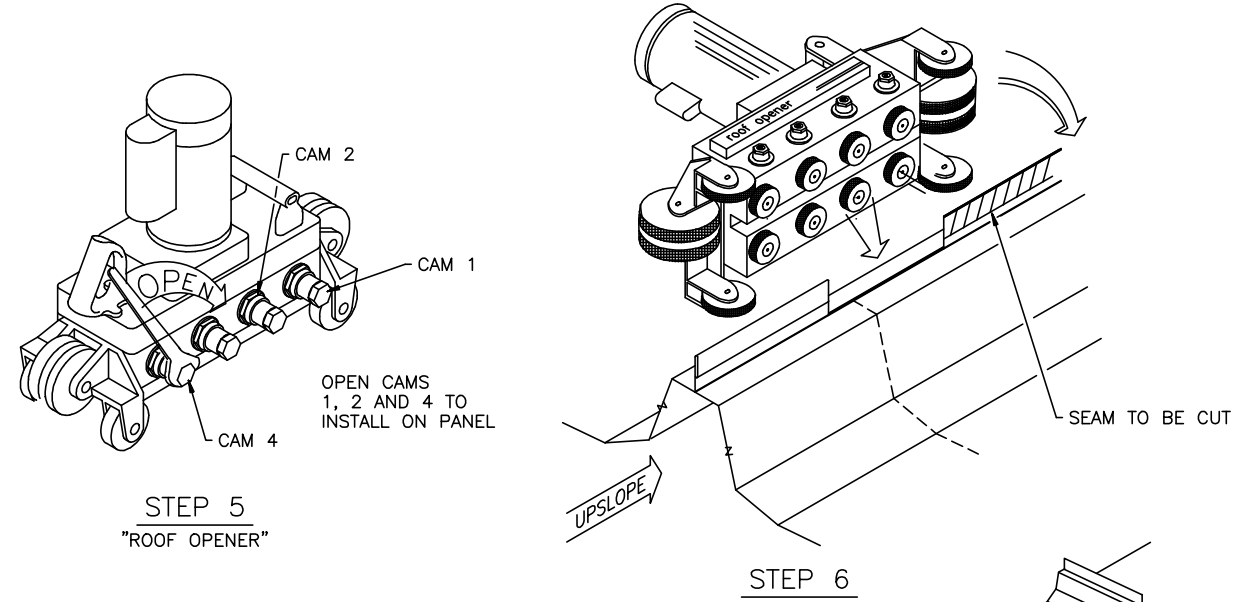


IMPORTANT:
USE OF WALK BOARDS ARE REQUIRED WHEN WORKING ON EITHER DAMAGED PANELS OR PANELS HAVING SEAM REMOVED WITH ROOF OPENER.

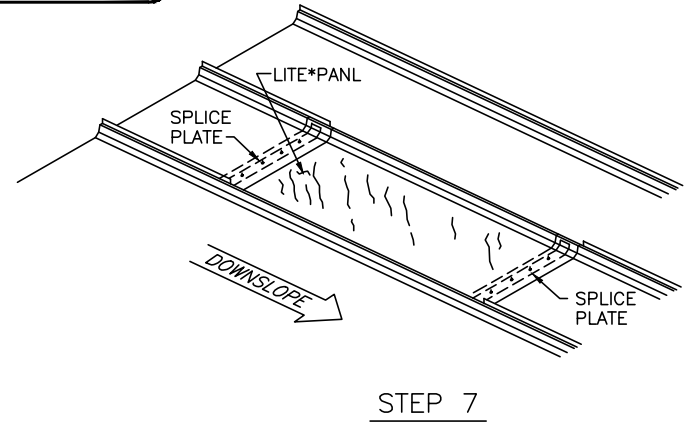
NOTE:
ENDING NOTCH SHOWN (STARTING NOTCH OPPOSITE)

WARNING
Always use fall protection while working around roof perimeter and openings.

CAUTION:
EXERCISE CARE WHEN WORKING AROUND PANELS WITH CUT EDGES



NOTE:
LOCATE THE "ROOF OPENER" ON THE EXISTING ROOF PANEL BY PLACING THE THIRD STAND (THE CUTTING WHEELS) INTO THE NOTCHED SEAM, THEN CLOSE THE THREE CAMS. IN ORDER TO STOP THE ROOF OPENER AT THE CORRECT LOCATION ALONG THE SEAM, THE THIRD STAND (THE CUTTING WHEELS) MUST FALL IN THE NOTCH LOCATED AT THE END OF THE SEAM TO BE CUT.



ERECTION SEQUENCE NOTES:
TO REMOVE EXISTING LITE*PANL AND REPLACE WITH NEW LITE*PANL, FOLLOW THE STEPS BELOW.

STEP 1. REMOVE THE EXISTING FLANGE NUTS AND THE PANEL STRAPS. PANEL STRAPS ARE TO BE REUSED ON THE NEW LITE*PANLS.

STEP 2. MEASURE 1 INCH FROM THE UPPER END OF THE LITE*PANL AND MARK A CUTTING LINE ON THE PANEL RIB. MEASURE 3" FROM THE FIRST MARK AND MAKE A SECOND CUTTING LINE MARK. USING A HACK SAW, CUT THROUGH THE SEAM DOWN TO THE TOP OF THE CORRUGATION AT BOTH MARKS.

STEP 3. USE PLIERS TO BREAK OFF THE PORTION OF THE SEAM BETWEEN THE CUTS, BY MOVING BACK AND FORTH RAPIDLY.

STEP 4. SEAM ON LOWER END OF LITE PANEL WILL BE CUT AND BROKEN OFF AS SHOWN IN STEPS 2 AND 3. USE DIMENSIONS SHOWN IN STEP 4.

STEP 5. OPEN THE FIRST, SECOND, AND FOURTH CAMS OF THE "ROOF OPENER".

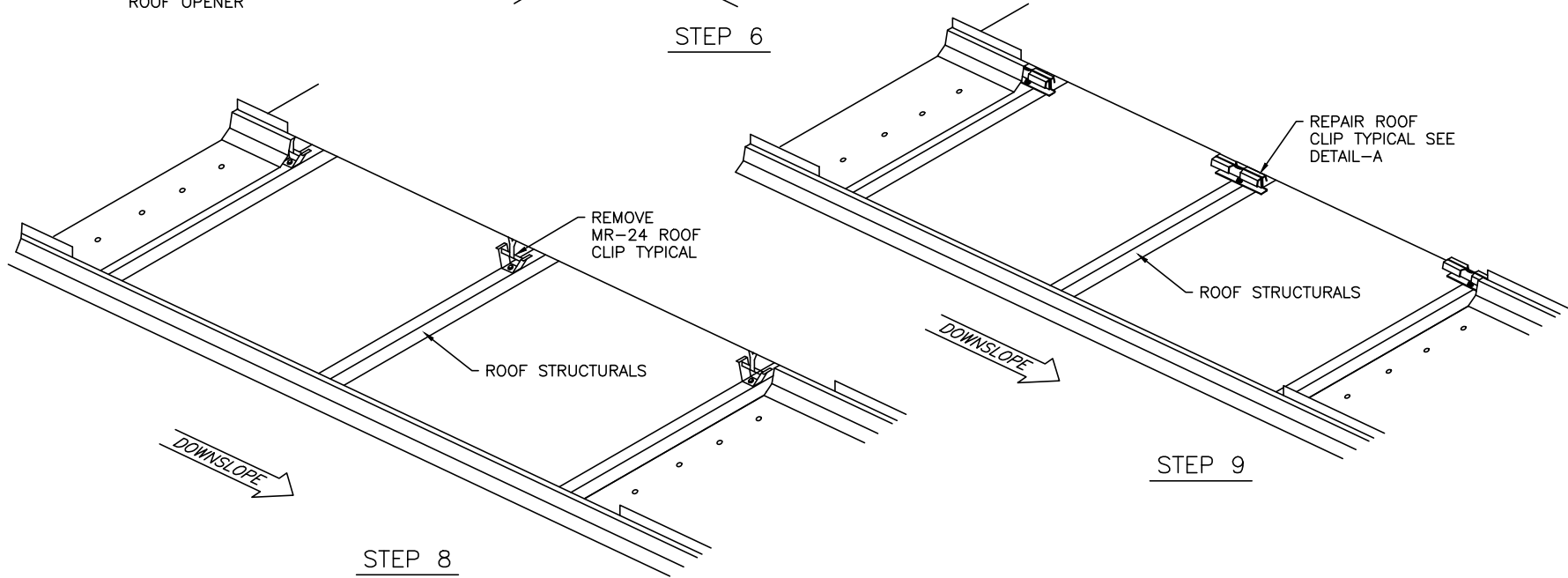
STEP 6. PLACE THE "ROOF OPENER" ON THE PANEL CORRUGATION CENTERING IT IN THE NOTCH PROVIDED IN THE SEAM. CLOSE THE THREE CAMS AND RUN THE "ROOF OPENER" UPSLOPE UNTIL THE CUTTING WHEELS FALL INTO THE NOTCH PROVIDED IN THE UPSLOPE OF THE PANEL CORRUGATION. THEN REMOVE THE "ROOF OPENER" AND REPEAT AS REQUIRED.

STEP 7. REMOVE EXISTING LITE*PANL EXPOSING THE ROOF STRUCTURALS. TAKE CARE NOT TO DROP SPLICE PLATES.

STEP 8. REMOVE EXISTING MR-24 ROOF CLIPS.

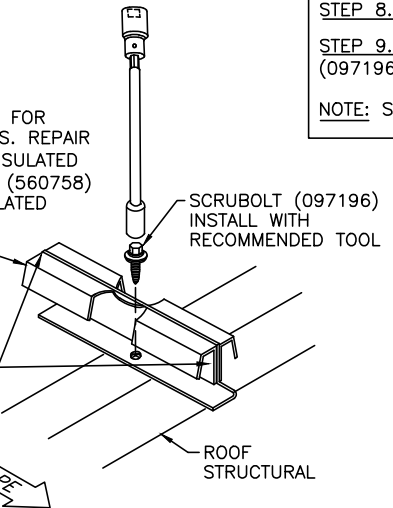
STEP 9. INSTALL REPAIR ROOF CLIP WITH SCRUBOLT (097196). SEE DETAIL A FOR INSTALLATION.

NOTE: SEE DRAWING 1081682 FOR CONTINUING STEPS.

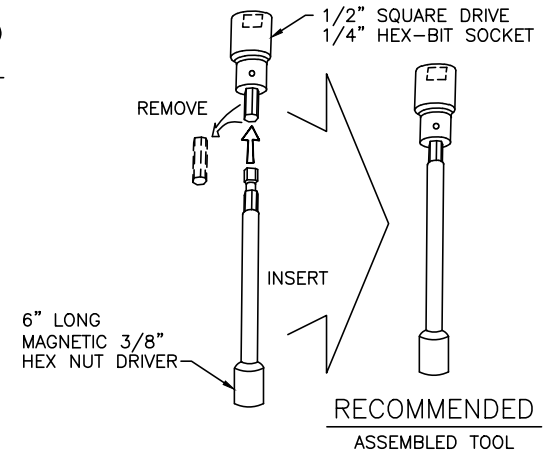


REPAIR CLIP (560756) FOR UN-INSULATED PURLINS. REPAIR CLIP (560757) FOR INSULATED PURLINS. REPAIR CLIP (560758) FOR EXTRA TALL INSULATED PURLINS.

NOTE:
ENDS OF CLIP MUST BE FLUSH WITH ENDS OF CLIP BASE



DUE TO NECESSARY CLEARANCE THE "RECOMMENDED TOOL" MUST BE USED TO INSTALL THE CLIP FASTENER.



MR-24/CMR-24 LITE*PANL REPLACEMENT DRAWING 1 OF 2			
DRAWN BY BJF	CHECKED BY RHE	GROUP NUMBER: 02-030-01	
FIRST RELEASE DATE 01/21/10	REVISION DATE 09/03/20	B	P-081681 02

REVISION NUMBER 2

ADD FLORIDA APPROVAL LOGO

DATE 09/03/20

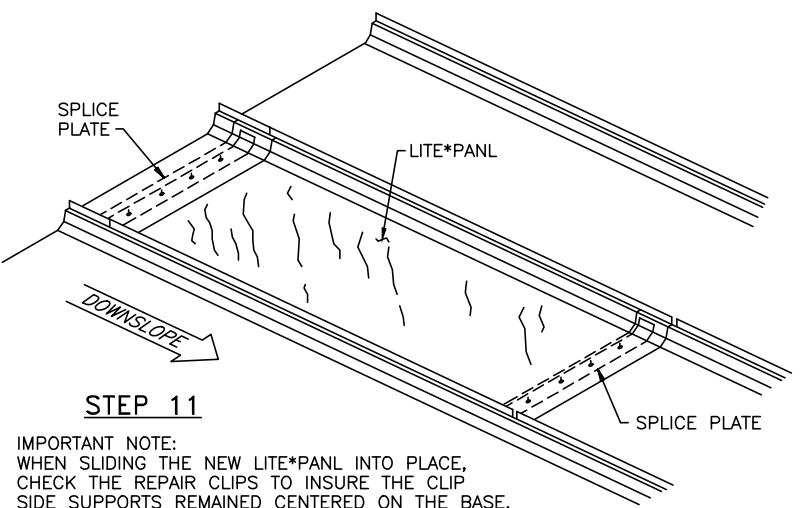
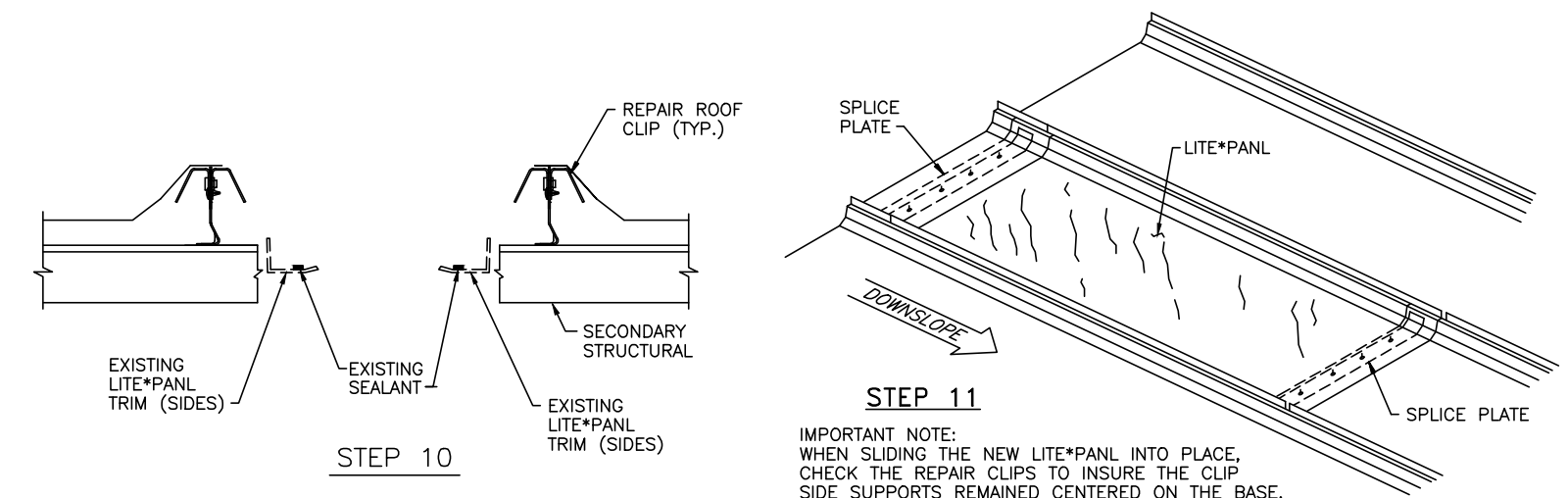
DWBY CHKD BSN RLB

REVISION NUMBER 1

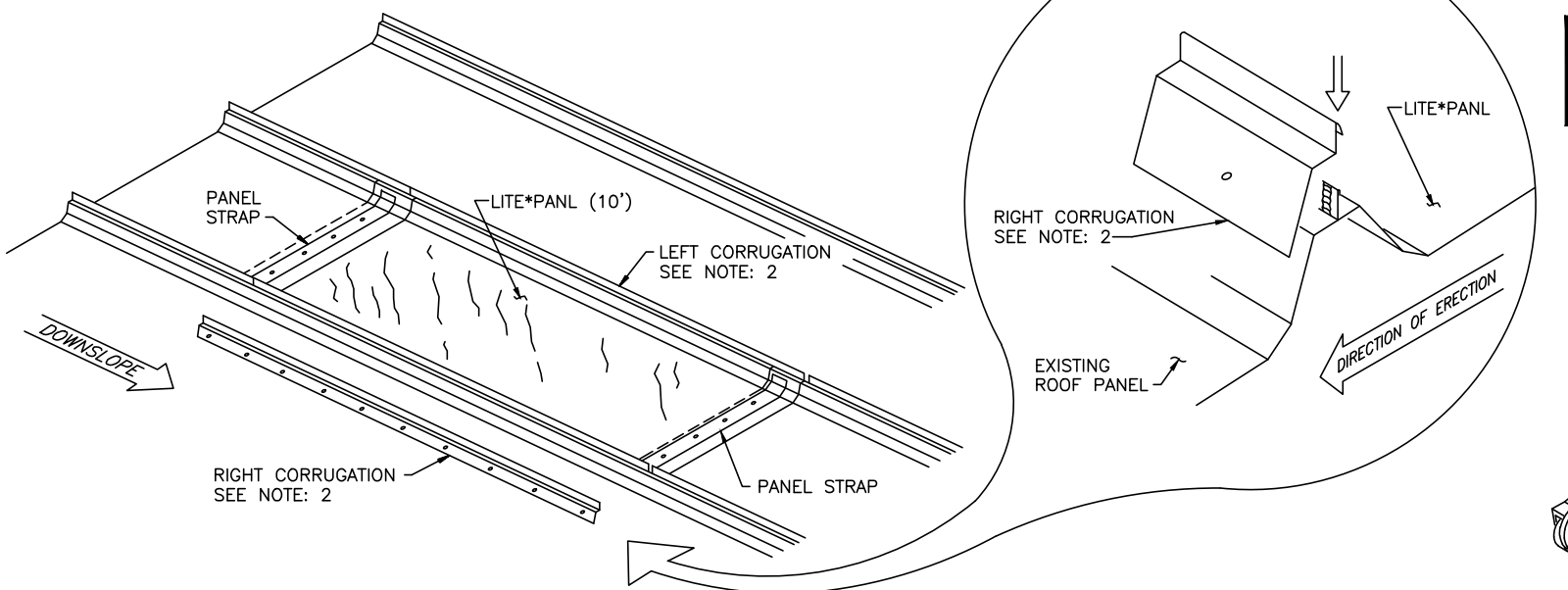
CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER DRG707.

DATE 05/05/15

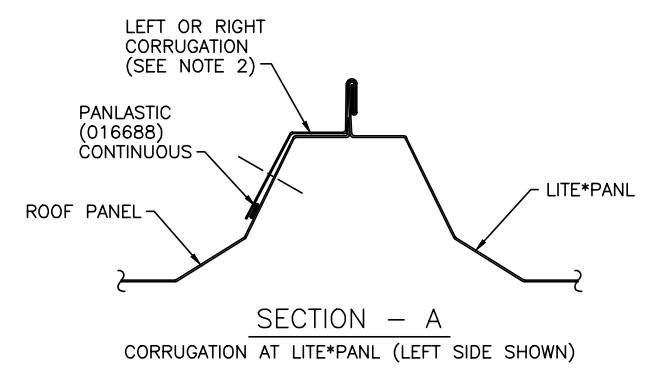
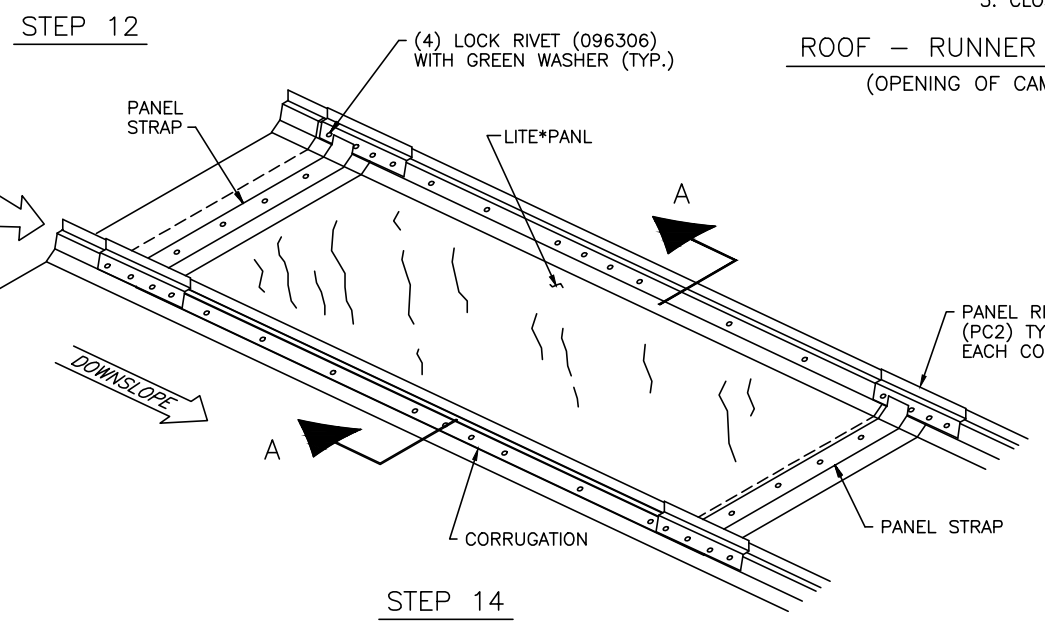
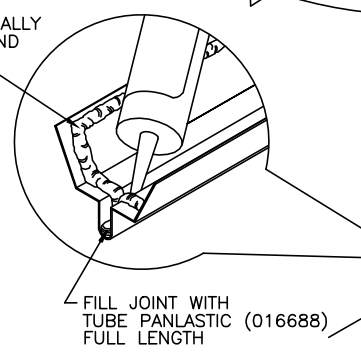
DWBY CHKD RKP



STEP 11
IMPORTANT NOTE:
WHEN SLIDING THE NEW LITE*PANL INTO PLACE, CHECK THE REPAIR CLIPS TO INSURE THE CLIP SIDE SUPPORTS REMAINED CENTERED ON THE BASE.



APPLY TUBE-PANLASTIC (016688) LIBERALLY TO INSIDE PERIMETER OF PANEL CAP AND TO THE JOINT IN THE PANEL SEAM



ERECTION SEQUENCE NOTES:

STEP 10. REMOVE EXISTING SEALANT AND TRIMS.

STEP 11. INSTALL THE NEW LITE*PANL WITH SPLICE PLATES IN PLACE. REFER TO DRAWING P-081659 FOR LITE*PANL/ L*P TRIM PANEL PART NUMBERS. USE (2) TINNEMAN NUTS TO TEMPORARILY HOLD THE SPLICE PLATE IN PLACE. INSTALL TAPE PANLASTIC AND GUN GRADE PANLASTIC AS SHOWN ON DRAWING P-080847. TAKE CARE IN PUTTING THE LITE*PANL UNDER THE UPSLOPE ROOF PANEL. THE EDGES OF THE LITE*PANL NEED TO GO UNDER THE ROOF PANELS AND OVER THE REPAIR CLIPS. RE-USE EXISTING PANEL STRAPS WITH NEW FLANGE NUTS PROVIDED.

STEP 12. INSTALL THE FREE STANDING CORRUGATION ON EITHER SIDE OF THE LITE*PANL. OPEN ALL (4) CAMS ON THE "ROOF RUNNER". PLACE THE "ROOF RUNNER" ON THE ROOF PANEL, CLOSE CAMS AND SEAM IN THE CORRUGATION. START THE "ROOF RUNNER" AT THE DOWNSLOPE END OF THE LITE* PANL AND RUN IT UPSLOPE. LET "ROOF RUNNER" TRAVEL ONTO EXISTING ROOF PANEL. THEN CAMS MUST BE UNLOCKED TO RELEASE "ROOF RUNNER" FROM PANEL AFTER SEAMING IS COMPLETE.

STEP 13. FIELD DRILL 5/16 DIAMETER HOLES IN THE EXISTING ROOF PANEL USING HOLES IN THE CORRUGATION AS PILOT HOLES. SECURE WITH LOCK RIVETS (096306) WITH GREEN WASHER IN ROOF PANEL.

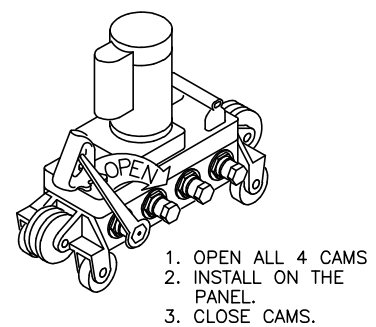
STEP 14. INSTALL A PANEL RIB CAP AT EACH CORNER OF THE LITE*PANL. FIELD CUT PANEL RIB CAP (PC2) INTO (2) 1'-0" PIECES. APPLY PANLASTIC TO PANEL NOTCH AT JOINT AND UNDERSIDE OF CAP. LOCATE THE RIB CAP UNDER THE PANEL STRAP AND CENTERED ON THE REPAIR CLIP. FIELD DRILL (4) 5/16 DIAMETER HOLES TOWARDS THE ENDS OF THE CAP (2) PER SIDE. SECURE THE RIB CAP WITH (4) LOCK RIVETS (096306) WITH GREEN WASHERS.

STEP 15. LOCATE ROOF REPAIR CLIPS AND FIELD DRILL (4) 5/16 DIAMETER HOLES. USE (4) LOCK RIVETS (096306) WITH GREEN WASHER IN EACH REPAIR CLIP.

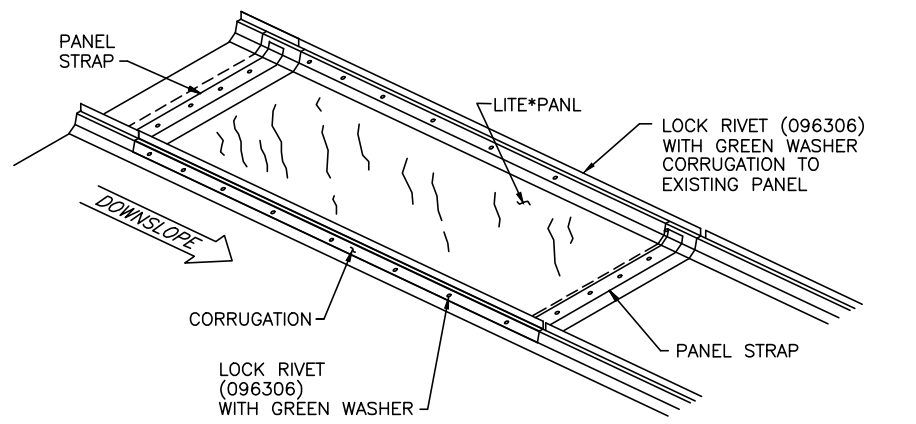
NOTE:
1. SEE DRAWING P-081681 FOR STEPS 1 THROUGH 9.
2. LEFT AND RIGHT CORRUGATION PARTS ARE AVAILABLE FOR DIRECT ORDER THROUGH BUTLER'S PURCHASING DEPARTMENT.
3. SEE APPROPRIATE DRAWING FROM SCHEDULE BELOW FOR ADDITIONAL INSTALLATION INFORMATION.

MR-24 ROOF LITE*PANL INSTALLATION DRAWING SCHEDULE				
	UNINSULATED LITE*PANL	INSULATED LITE*PANL	UNINSULATED U.L. 90 LITE*PANL	INSULATED U.L. 90 LITE*PANL
UNINSULATED PURLIN	P-081600	P-081661	P-081664	P-081665
INSULATED PURLIN	P-081662	P-081663	P-081666	P-081667

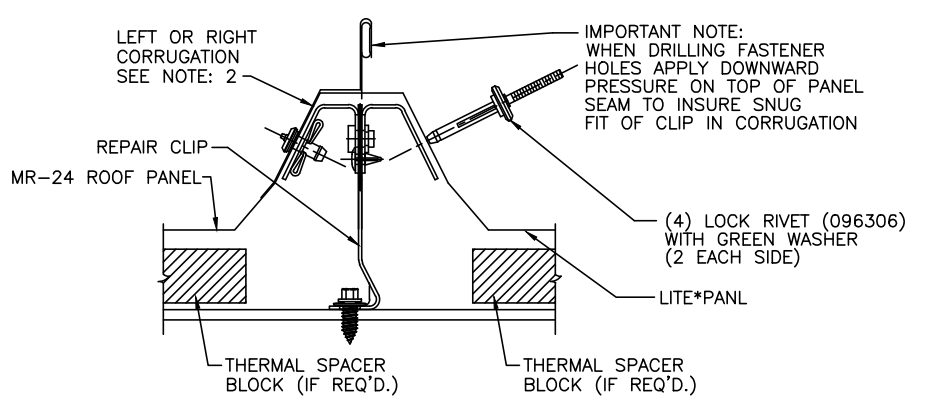
CMR-24 ROOF LITE*PANL INSTALLATION DRAWING SCHEDULE			
UNINSULATED LITE*PANL	INSULATED LITE*PANL	UNINSULATED U.L. 90 LITE*PANL	INSULATED U.L. 90 LITE*PANL
P-081668	P-081669	P-081670	P-081671



ROOF - RUNNER DETAIL
(OPENING OF CAMS)



STEP 13



STEP 15



MR-24/CMR-24 LITE*PANL REPLACEMENT DRAWING 2 OF 2				
DRAWN BY	CHECKED BY	GROUP NUMBER: 02-030-01		
BJF	RHE			
FIRST RELEASE DATE	REVISION DATE	B	P-081682	02
01/21/10	09/03/20			