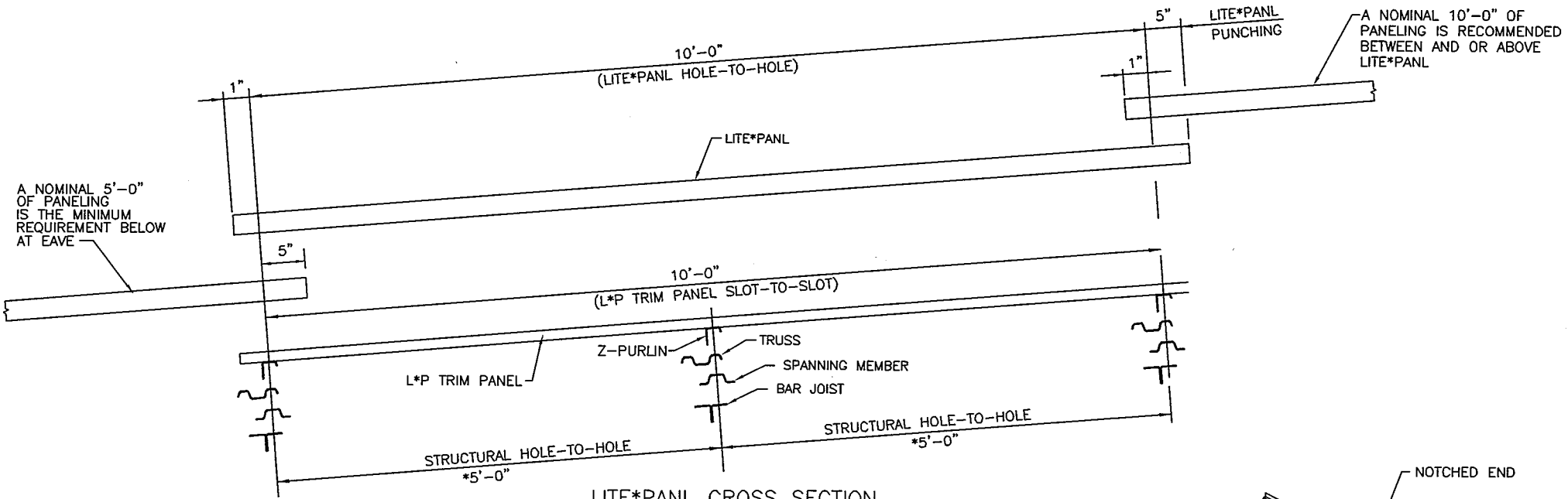
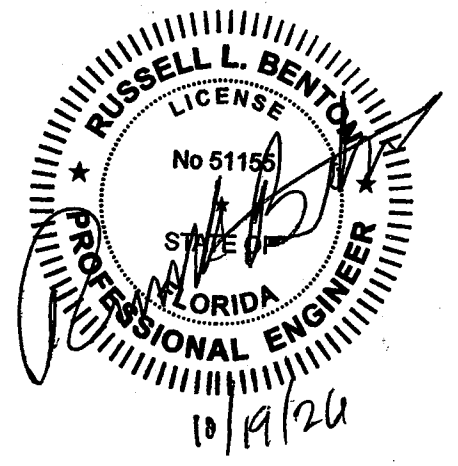
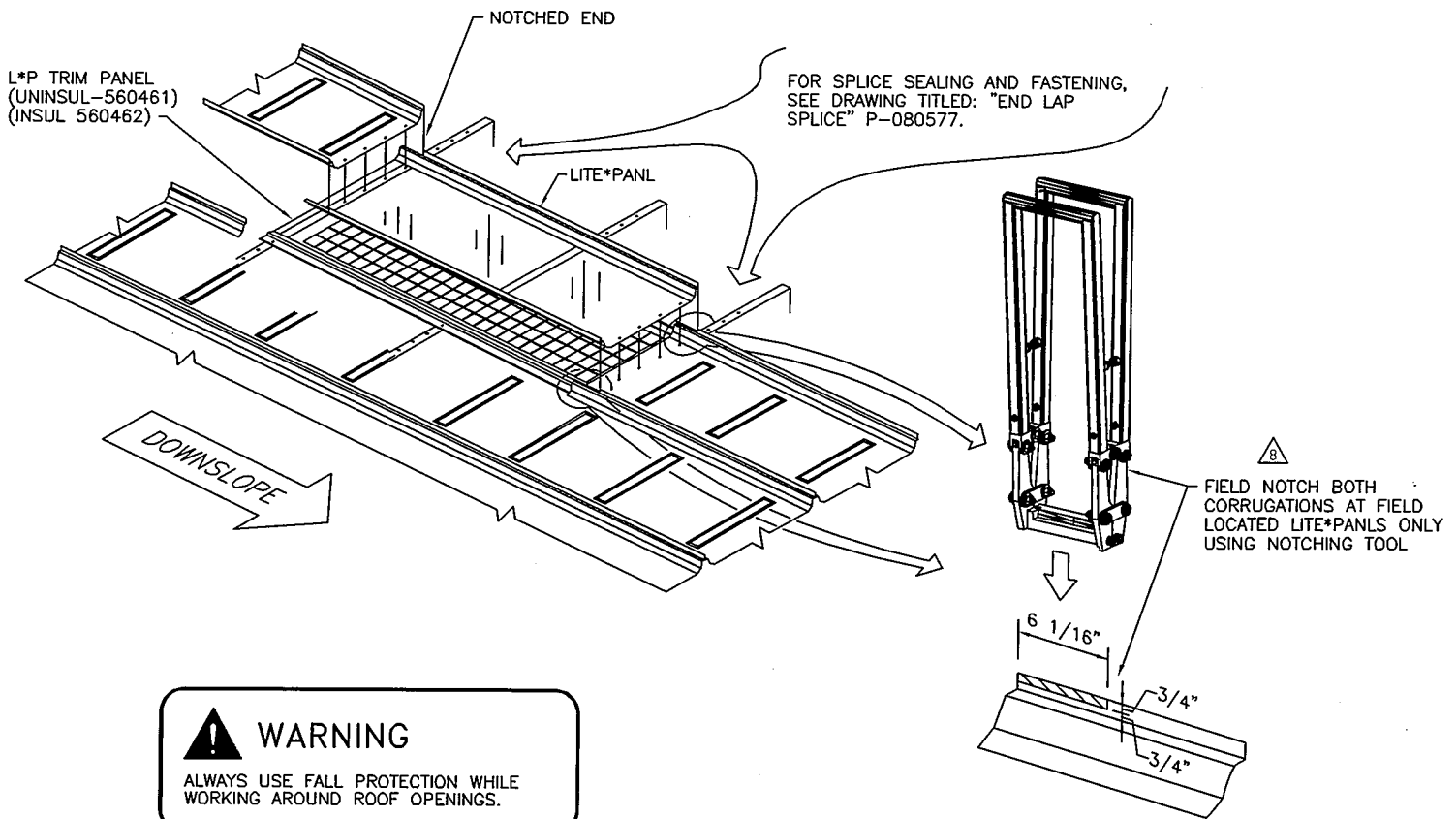
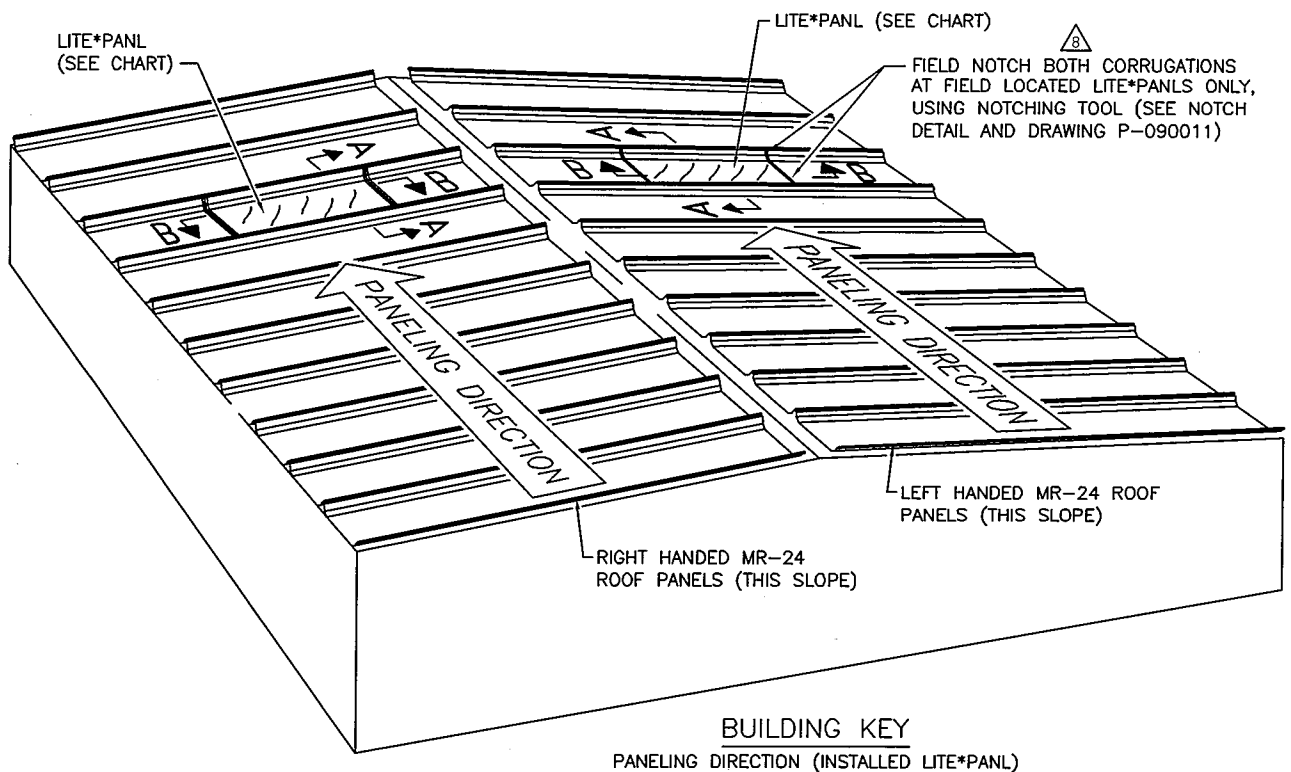


|                   |                                                                                                                            |  |      |          |      |      |     |     |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|--|------|----------|------|------|-----|-----|
| REVISION NUMBER 5 | REVISED REFERENCE DWG. NO. FROM P-080077.                                                                                  |  | DATE | 10/12/16 | DWBY | CHKD | BSN | RLB |
|                   | REVISED NOTE: 5                                                                                                            |  |      |          |      |      |     |     |
| REVISION NUMBER 9 | ADDED THE FBC CORROSION NOTE.                                                                                              |  | DATE | 09/16/26 | DWBY | CHKD | NF  | RLB |
|                   |                                                                                                                            |  |      |          |      |      |     |     |
| REVISION NUMBER 8 | REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE*PANLS INSTEAD OF LEFT HAND PANELS PER RHE USER STORY 177817. |  | DATE | 04/01/24 | DWBY | CHKD | ARS | RHE |
|                   |                                                                                                                            |  |      |          |      |      |     |     |
| REVISION NUMBER 7 | REVISED NOTE #1 PER D0121103.                                                                                              |  | DATE | 04/28/22 | DWBY | CHKD | ARS | RHE |
|                   |                                                                                                                            |  |      |          |      |      |     |     |
| REVISION NUMBER 6 | ADD FLORIDA APPROVAL LOGO                                                                                                  |  | DATE | 09/02/20 | DWBY | CHKD | BSN | RLB |
|                   |                                                                                                                            |  |      |          |      |      |     |     |

Russell L Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



LITE\*PANL CROSS SECTION  
\* STANDARD INTERMEDIATE PURLIN SPACES.



**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

NOTCH DETAIL  
(FIELD LOCATED LITE\*PANLS)

NOTES:

1. LITE\*PANL MUST BE BORDERED ON ALL (4) EDGES WITH METAL PANELS. IT IS IMPORTANT TO NOTE THAT ALL METAL ROOF PANELS MUST SPAN AT LEAST TWO PURLIN SPACES.
2. LITE\*PANL IS FASTENED TO STRUCTURALS AND ADJACENT PANELS IN THE SAME MANNER AS METAL PANELS.
3. IT IS RECOMMENDED THAT LITE\*PANL NOT BE INSTALLED WHERE ROOF SLOPE IS LESS THAN 1/8:12.

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



| LITE*PANL / L*P TRIM PANEL PART NUMBERS |                           |                           |                           |                           |
|-----------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                         | UNINSULATED               | INSULATED                 | UNINSULATED/UL-90         | INSULATED/UL-90           |
| RIGHT HAND PANELS                       | 560048 (FRP-CC2) / 560461 | 560048 (FRP-CC2) / 560462 | 560413 (FRP-CC2) / 560461 | 560413 (FRP-CC2) / 560462 |
|                                         | 560049 (FRP-CC1) / 560461 | 560049 (FRP-CC1) / 560462 | 560414 (FRP-CC1) / 560461 | 560414 (FRP-CC1) / 560462 |
| LEFT HAND PANELS                        | 560800 (FRP-CC2) / 560461 | 560800 (FRP-CC2) / 560462 | 560802 (FRP-CC2) / 560461 | 560802 (FRP-CC2) / 560462 |
|                                         | 560801 (FRP-CC1) / 560461 | 560801 (FRP-CC1) / 560462 | 560803 (FRP-CC1) / 560461 | 560803 (FRP-CC1) / 560462 |

| MR-24/CMR-24 LITE*PANL PLACEMENT |               |                         |  |
|----------------------------------|---------------|-------------------------|--|
| DRAWN BY                         | CHECKED BY    | GROUP NUMBER: 02-011-01 |  |
| PDW                              | RMC           |                         |  |
| FIRST RELEASE DATE               | REVISION DATE |                         |  |
| 01/21/10                         | 09/16/26      |                         |  |

B P-081659 09

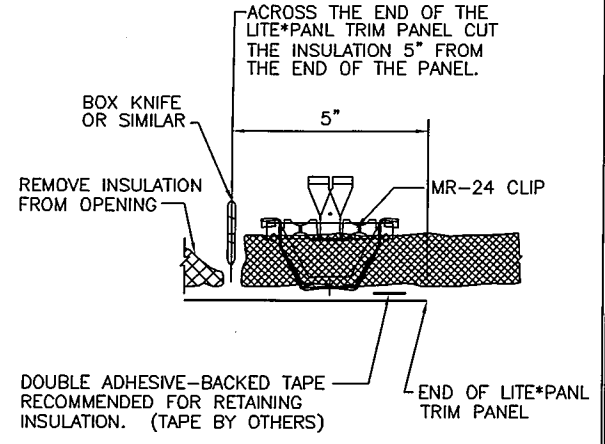
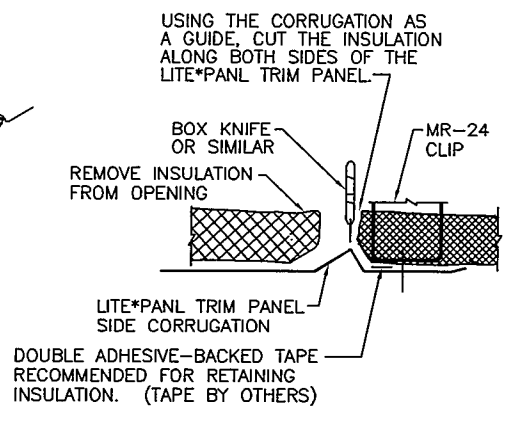
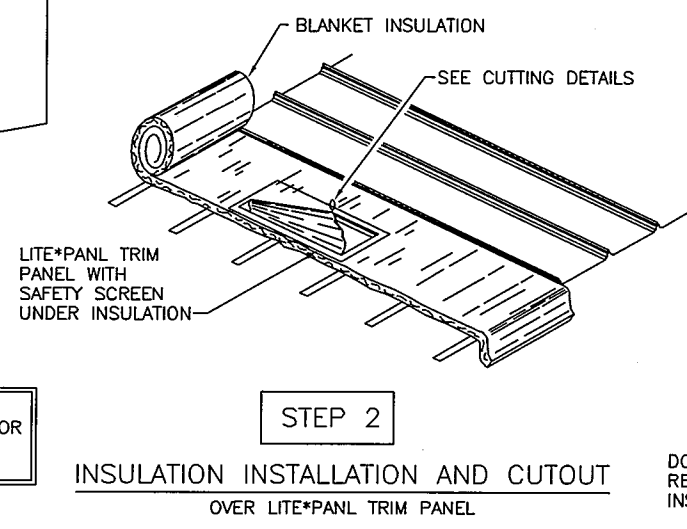
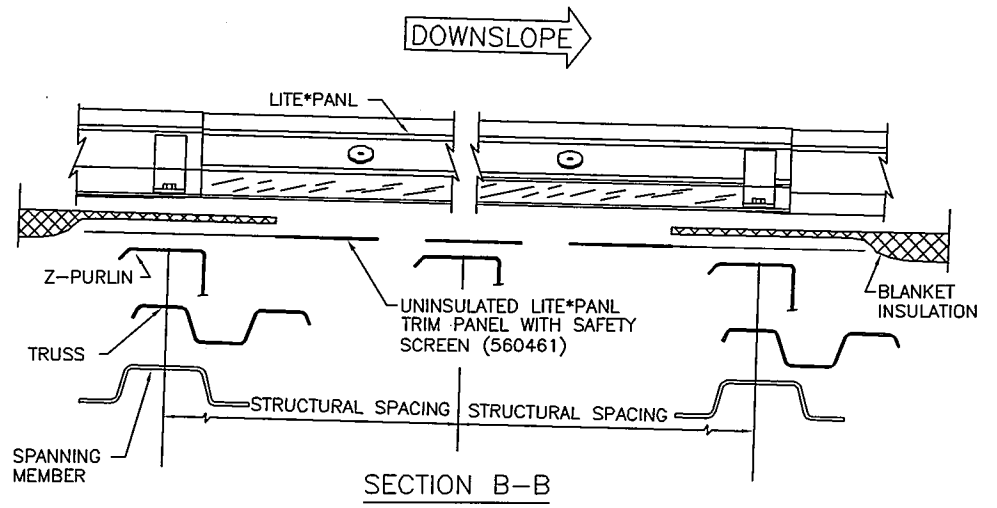
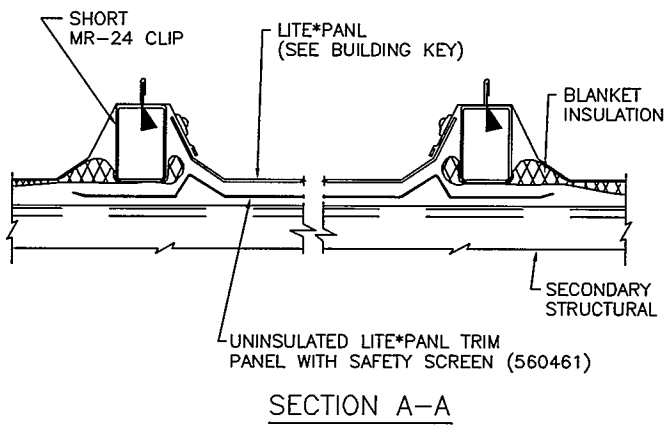
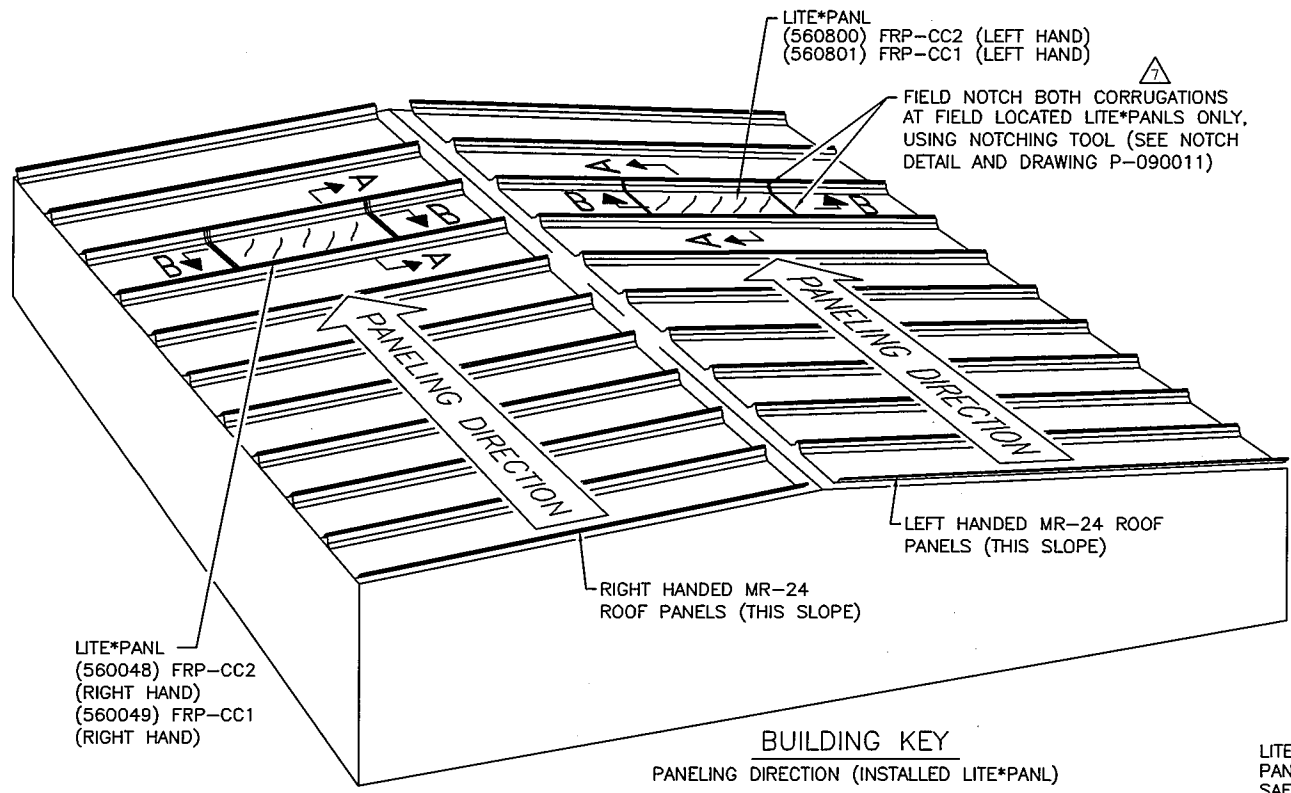
REVISION NUMBER 5  
DATE 11/06/18  
DWBY CHKD RHE  
BSN INCLUDED AND INSTALLED ENH #24316.

REVISION NUMBER 4  
DATE 10/12/16  
DWBY CHKD BSN  
RLE CHANGE PLANO REFERENCE FROM P-081666 TO P-080011.

REVISION NUMBER 8  
DATE 09/16/26  
DWBY CHKD NF  
RLE ADDED THE FBC CORROSION NOTE.

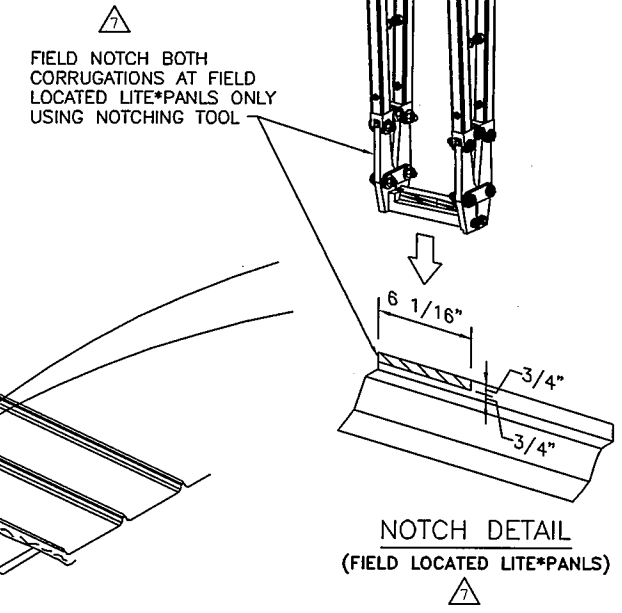
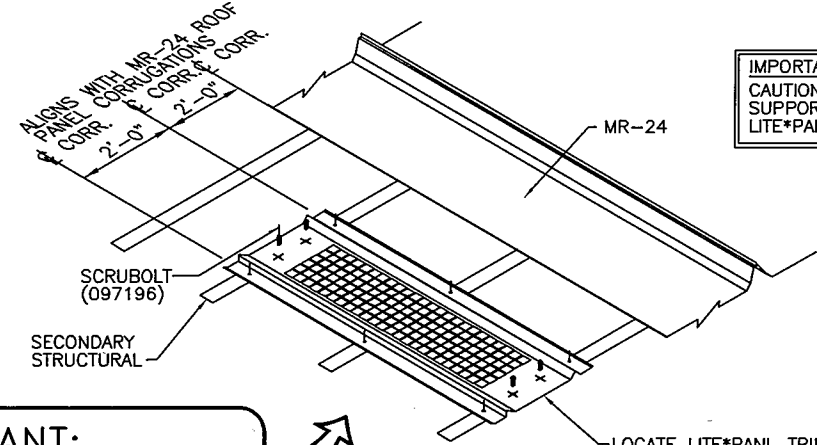
REVISION NUMBER 7  
DATE 04/01/24  
DWBY CHKD RHE  
ARS REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE\*PANLS INSTEAD OF LEFT HAND PANELS PER USER STORY 177817.

REVISION NUMBER 6  
DATE 09/03/20  
DWBY CHKD BSN  
RLE ADD FLORIDA APPROVAL LOGO



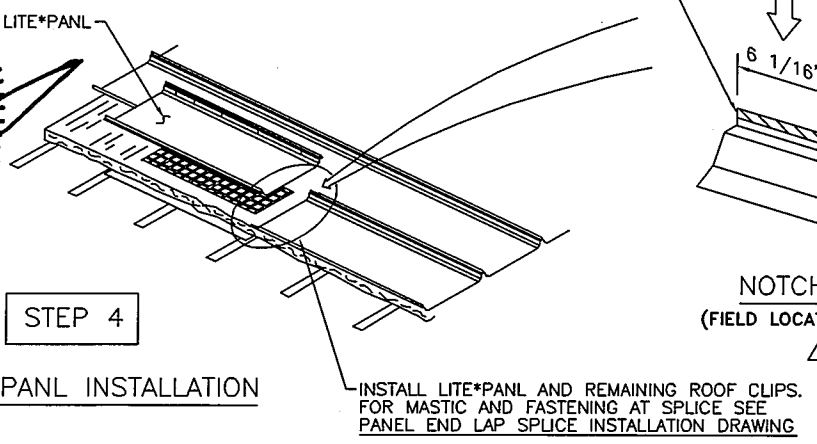
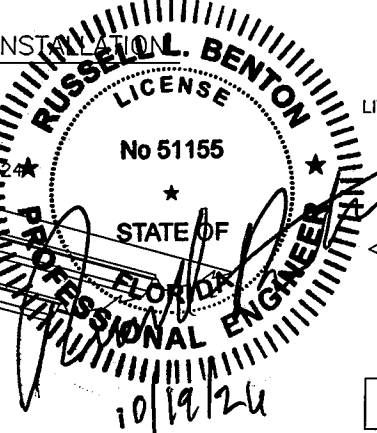
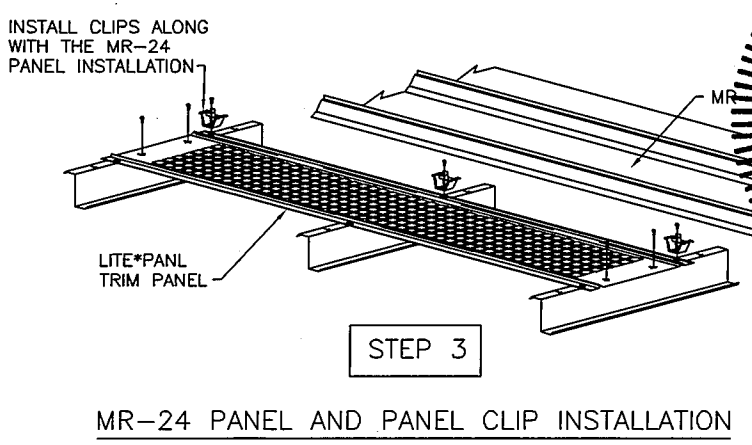
**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

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



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

- 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.



Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

LITE\*PANL INSTALLATION



| 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                                       | 09/16/26      |                         |  |

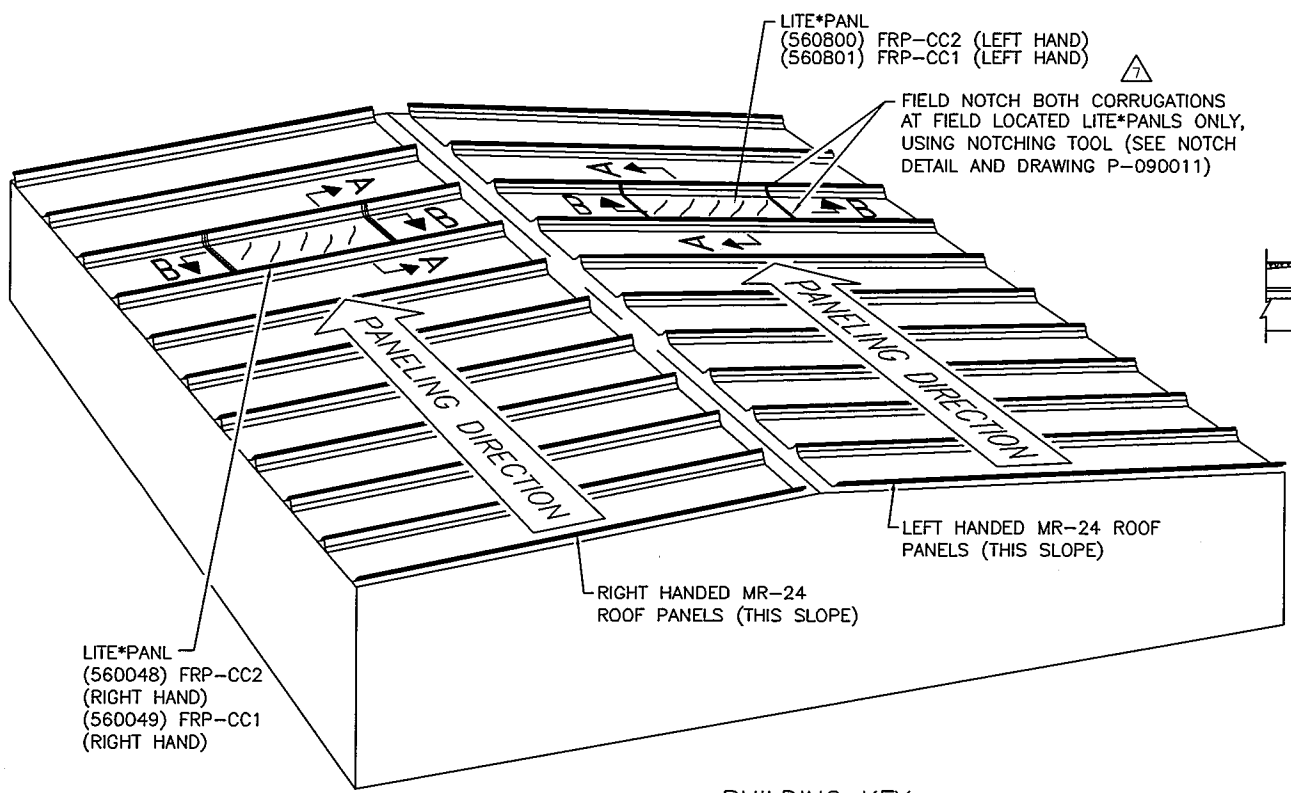
B P-081660 08

REVISION NUMBER 5  
DATE 11/05/18  
DWBY CHKD BSN RLB  
REVISION NUMBER 4  
DATE 10/12/16  
DWBY CHKD BSN RLB  
REVISION NUMBER 3  
DATE 08/16/26  
DWBY CHKD NF RLB  
REVISION NUMBER 2  
DATE 04/01/24  
DWBY CHKD RLB  
REVISION NUMBER 1  
DATE 09/03/20  
DWBY CHKD BSN RLB

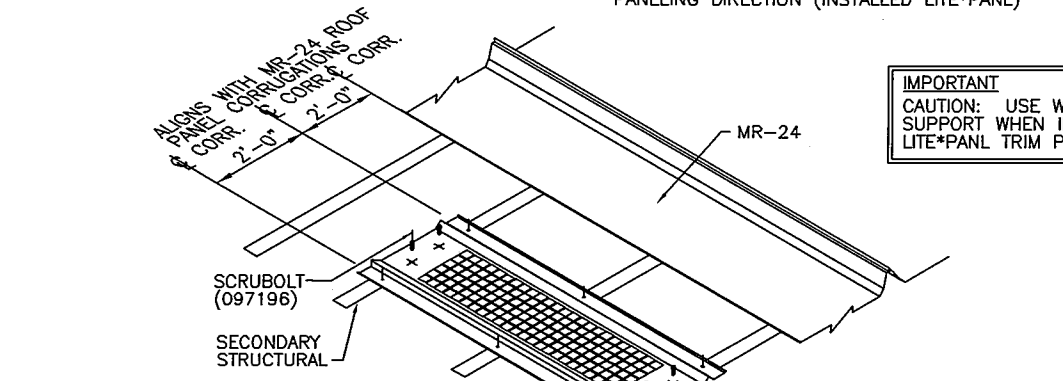
REVISION NUMBER 5  
DATE 11/05/18  
DWBY CHKD BSN RLB  
REVISION NUMBER 4  
DATE 10/12/16  
DWBY CHKD BSN RLB  
REVISION NUMBER 3  
DATE 08/16/26  
DWBY CHKD NF RLB  
REVISION NUMBER 2  
DATE 04/01/24  
DWBY CHKD RLB  
REVISION NUMBER 1  
DATE 09/03/20  
DWBY CHKD BSN RLB

REVISION NUMBER 5  
DATE 11/05/18  
DWBY CHKD BSN RLB  
REVISION NUMBER 4  
DATE 10/12/16  
DWBY CHKD BSN RLB  
REVISION NUMBER 3  
DATE 08/16/26  
DWBY CHKD NF RLB  
REVISION NUMBER 2  
DATE 04/01/24  
DWBY CHKD RLB  
REVISION NUMBER 1  
DATE 09/03/20  
DWBY CHKD BSN RLB

REVISION NUMBER 5  
DATE 11/05/18  
DWBY CHKD BSN RLB  
REVISION NUMBER 4  
DATE 10/12/16  
DWBY CHKD BSN RLB  
REVISION NUMBER 3  
DATE 08/16/26  
DWBY CHKD NF RLB  
REVISION NUMBER 2  
DATE 04/01/24  
DWBY CHKD RLB  
REVISION NUMBER 1  
DATE 09/03/20  
DWBY CHKD BSN RLB



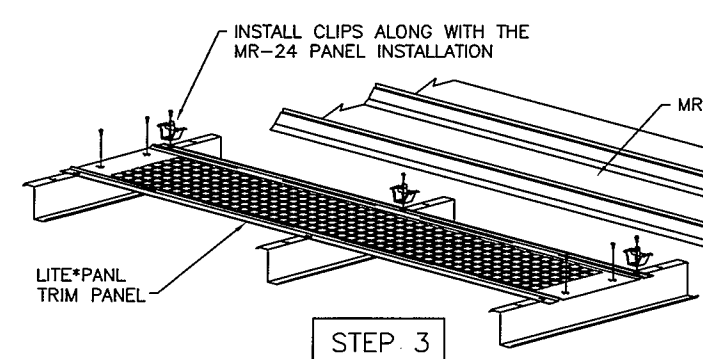
**BUILDING KEY**  
PANELING DIRECTION (INSTALLED LITE\*PANL)



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

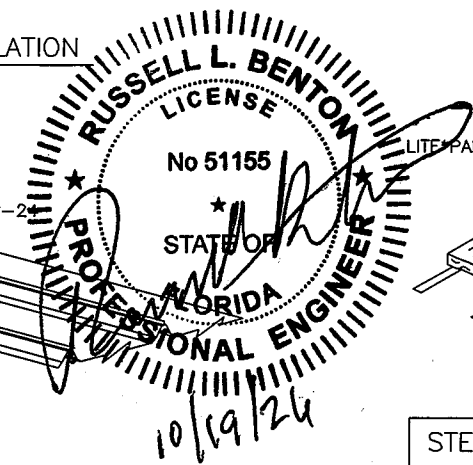
**STEP 1**

**LITE\*PANL TRIM PANEL INSTALLATION**



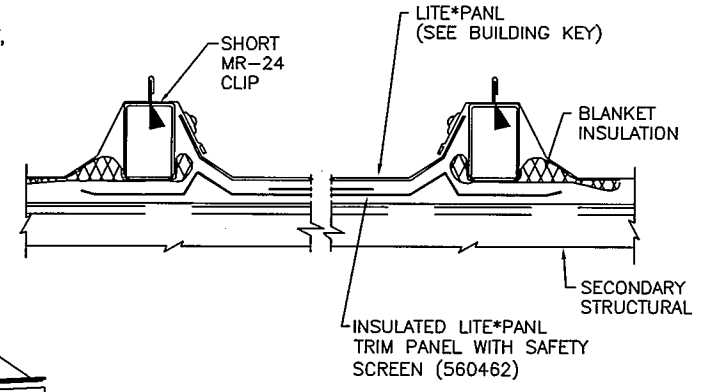
**STEP 3**

**MR-24 PANEL AND PANEL CLIP INSTALLATION**

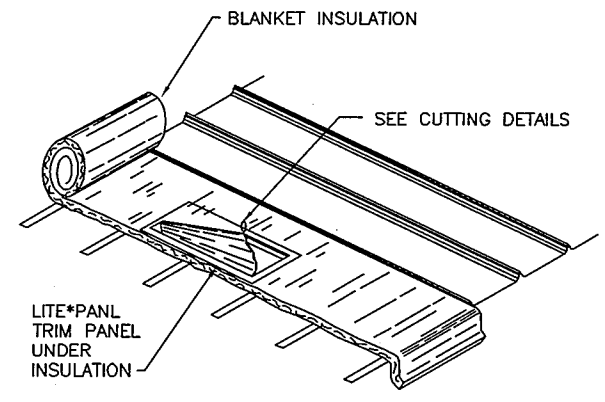


Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

**LITE\*PANL INSTALLATION**

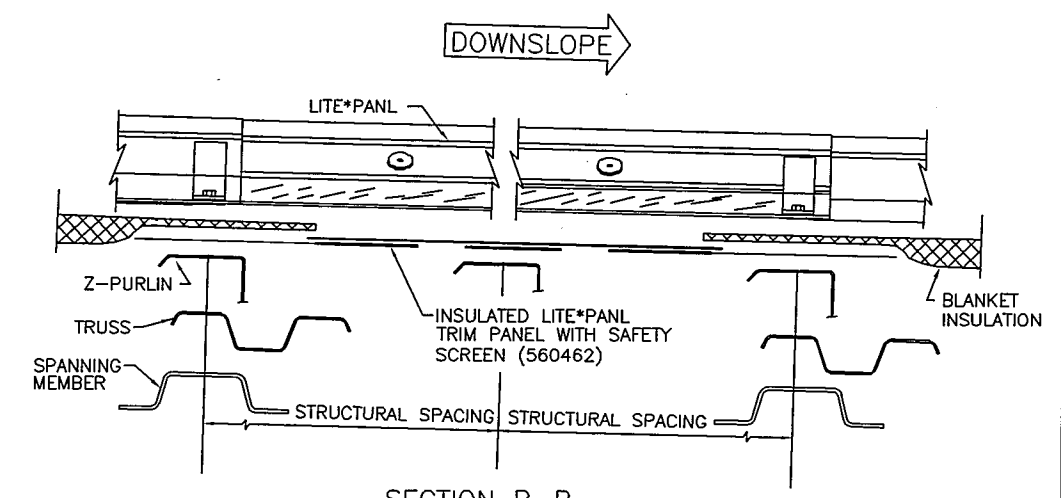


**SECTION A-A**

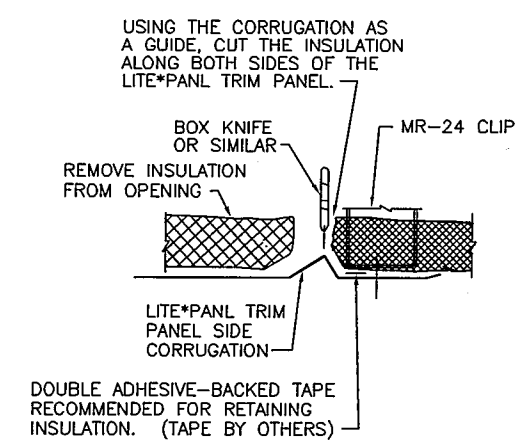


**STEP 2**

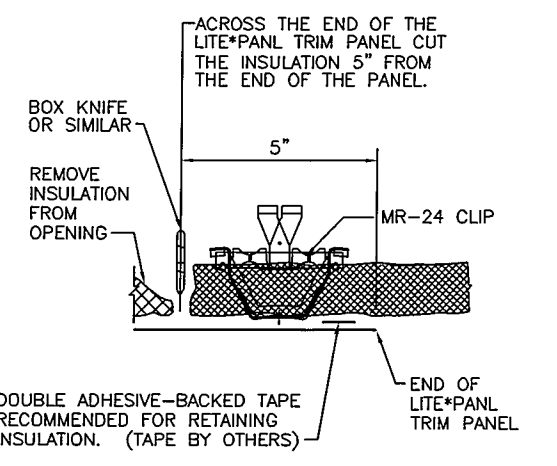
**INSULATION INSTALLATION AND CUTOUT OVER LITE\*PANL TRIM PANEL**



**SECTION B-B**



**SIDE CUTTING DETAIL**



**END CUTTING DETAIL**

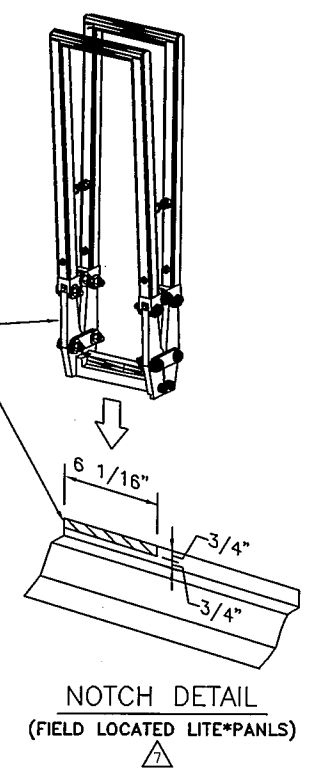
\*\* FOR INSTALLATION IN AREAS WITHIN 3000 FEET OF A SALTWATER COASTLINE, FASTENERS ARE CORROSION RESISTANT AS PER THE FLORIDA BUILDING CODE, SECTION 1711.

**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.



**NOTCH DETAIL (FIELD LOCATED LITE\*PANLS)**



| MR-24 INSULATED LITE*PANL UNINSULATED PURLIN |               |                         |             |
|----------------------------------------------|---------------|-------------------------|-------------|
| DRAWN BY                                     | CHECKED BY    | GROUP NUMBER: 02-011-01 |             |
| PDW                                          | RMC           |                         |             |
| FIRST RELEASE DATE                           | REVISION DATE |                         |             |
| 01/21/10                                     | 09/16/26      |                         |             |
|                                              |               | B                       | P-081661 08 |

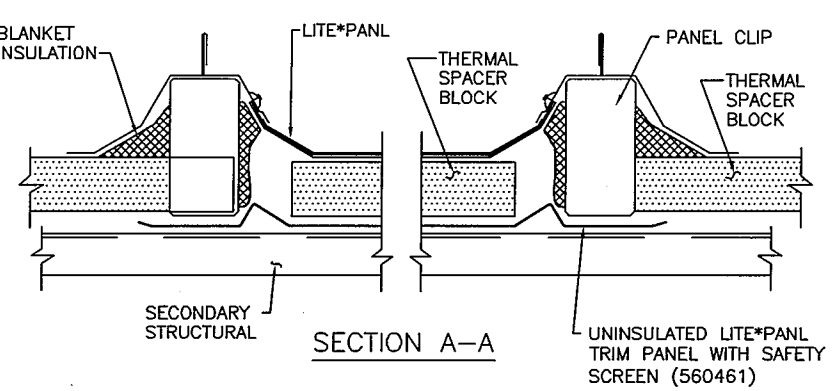
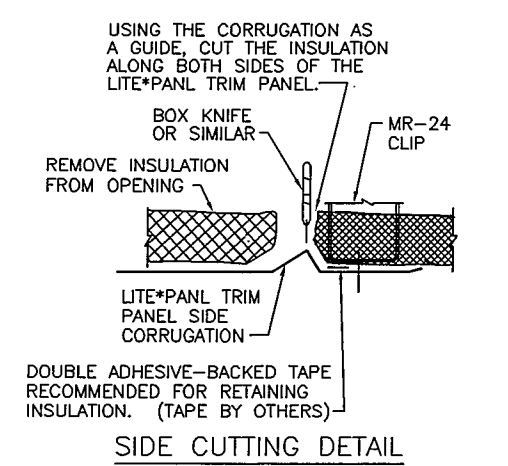
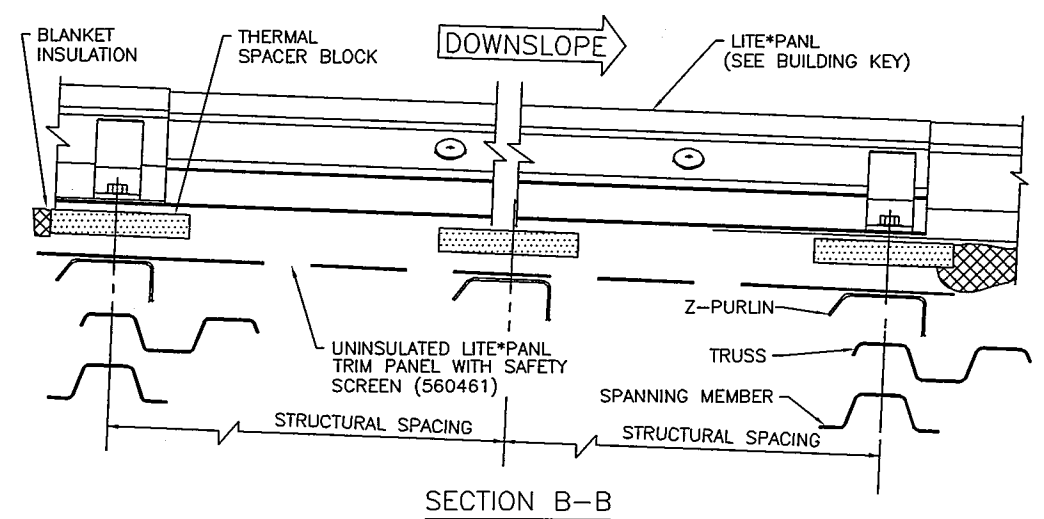
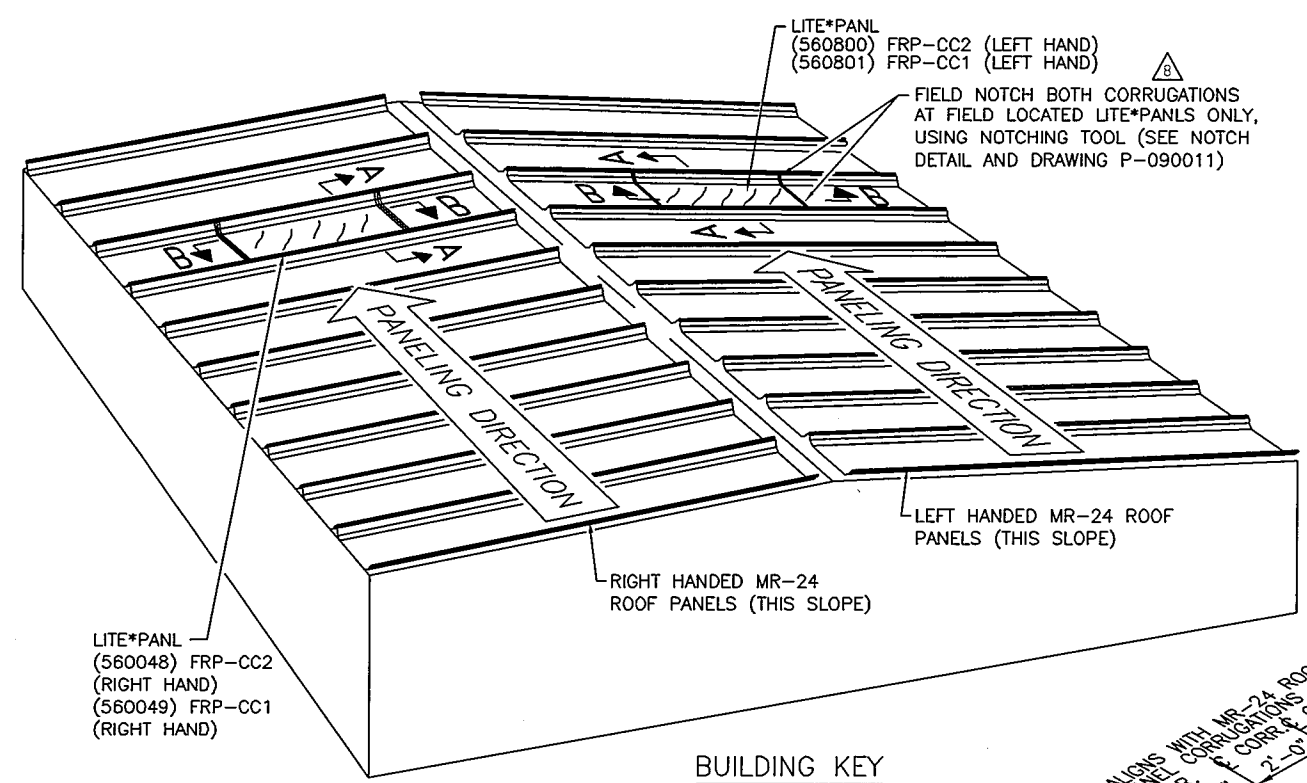
REVISION NUMBER 5  
DATE 10/12/16  
DWBY CHKD BSN RLB  
CHANGE REFERENCE PLANO FROM P-081666 TO P-080011.  
REVISE NOTE.

REVISION NUMBER 9  
DATE 09/19/26  
DWBY CHKD NF RLB  
ADDED THE FBC CORROSION NOTE.

REVISION NUMBER 8  
DATE 04/01/24  
DWBY CHKD RHE ARS  
REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE\*PANLS INSTEAD OF LEFT HAND PANELS PER DWBY CHKD USER STORY 177817.

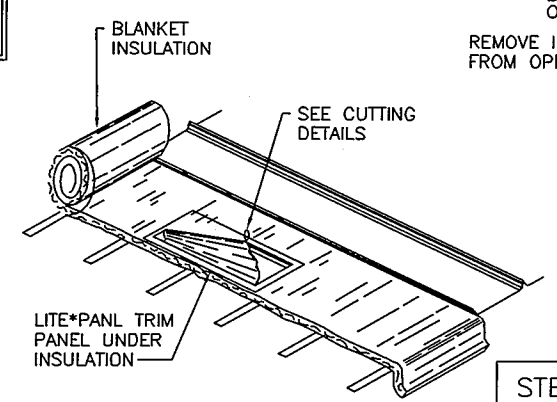
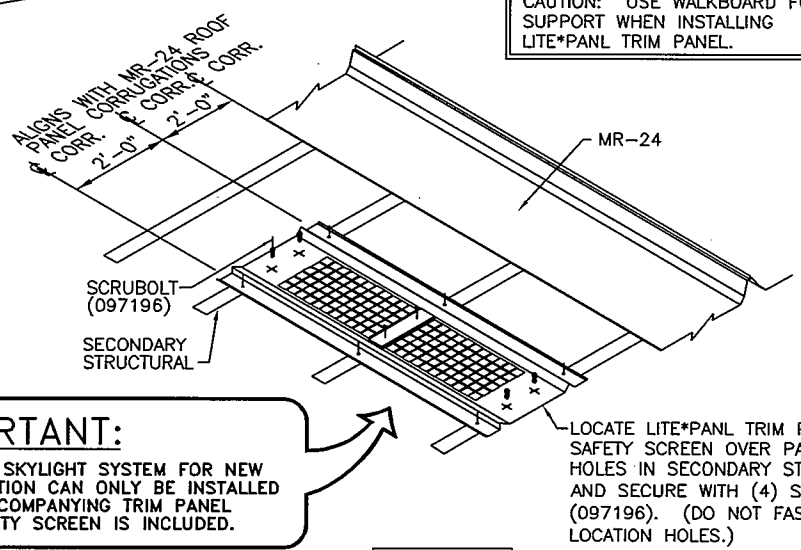
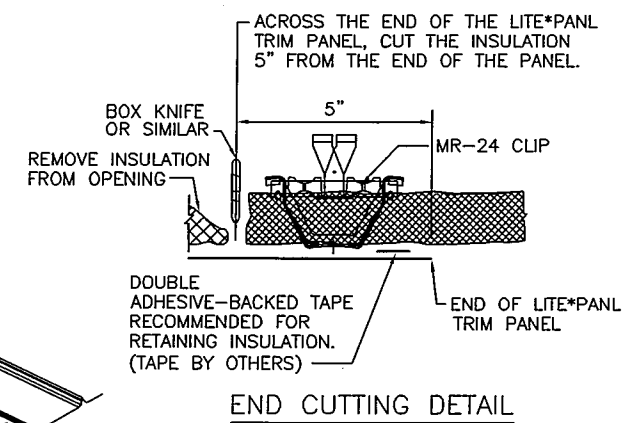
REVISION NUMBER 7  
DATE 09/03/20  
DWBY CHKD BSN RLB  
ADD FLORIDA APPROVAL LOGO

REVISION NUMBER 6  
DATE 11/06/18  
DWBY CHKD BSN RLB  
REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE\*PANL TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.



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

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



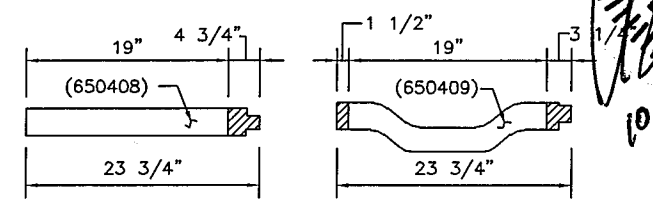
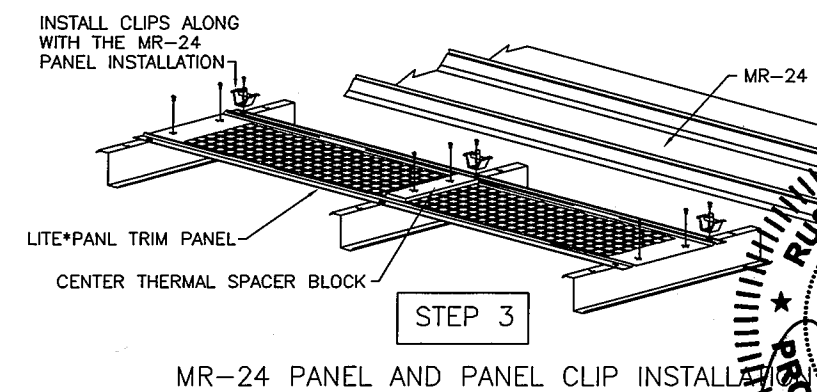
**INSULATION INSTALLATION AND CUTOUT**  
OVER LITE\*PANL TRIM PANEL

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

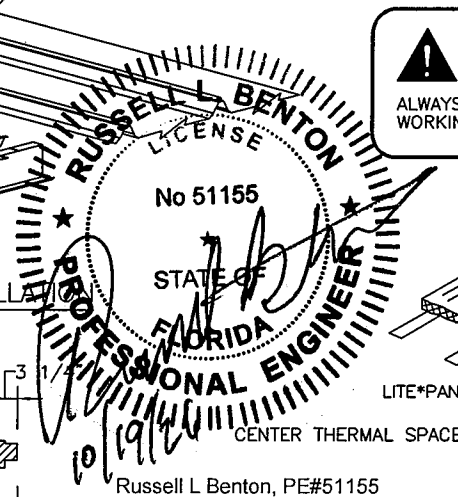
**NOTE:**  
PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

**ERECTION SEQUENCE**

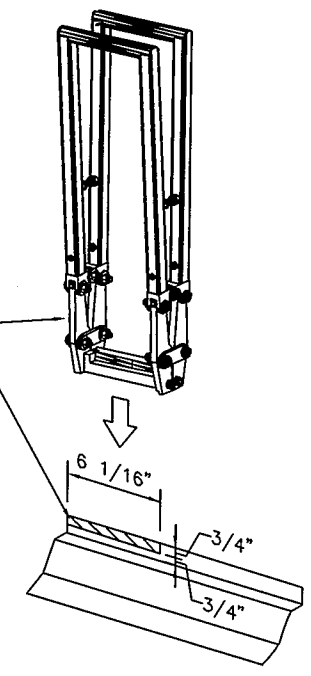
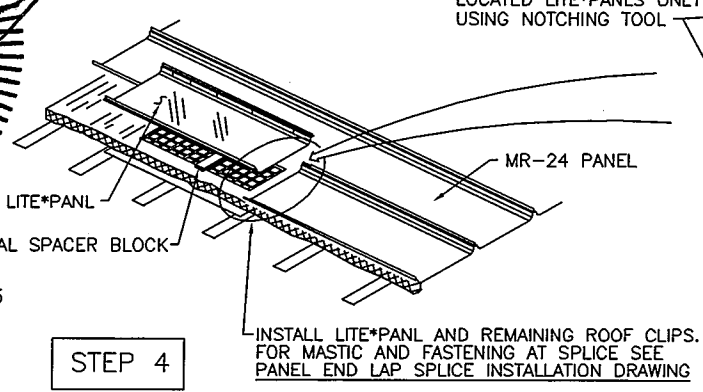
- STEP 1** LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE\*PANL. THEN INSTALL THE LITE\*PANL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE\*PANL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE 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.



**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



**LITE\*PANL INSTALLATION**

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.



| 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                                     | 09/16/26      |                         |  |

B P-081662 09

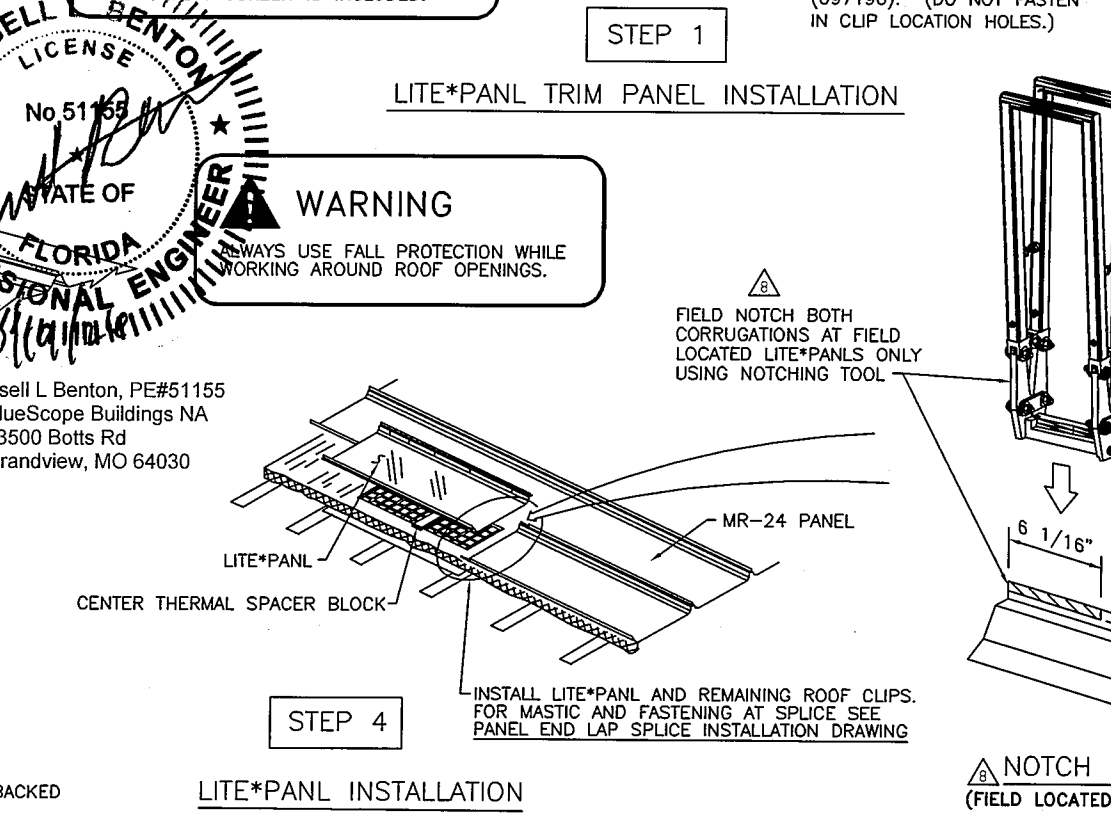
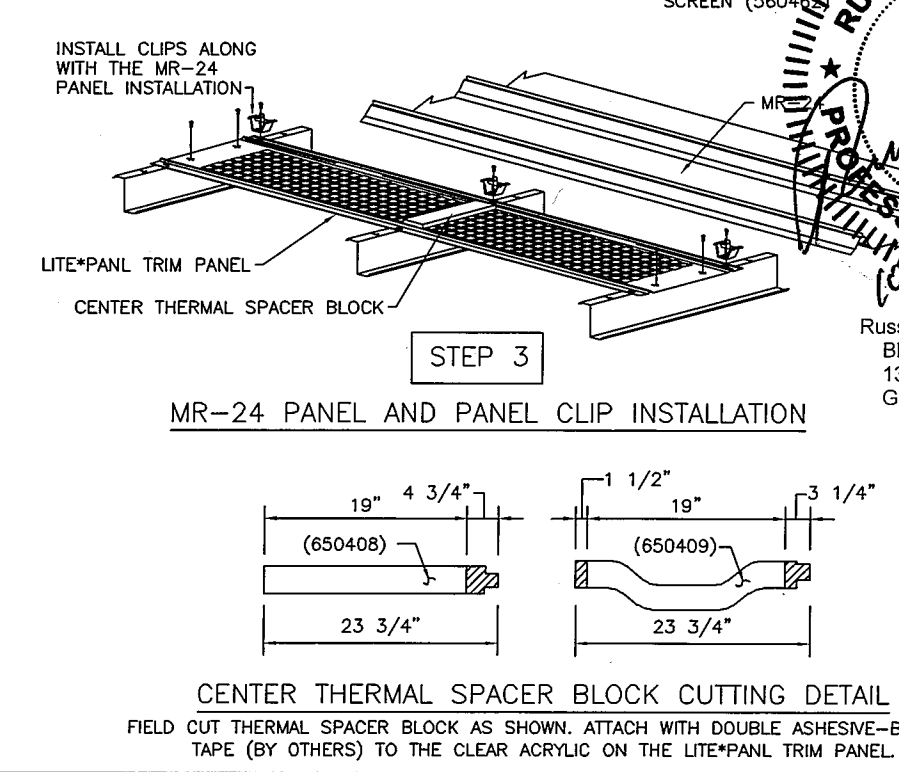
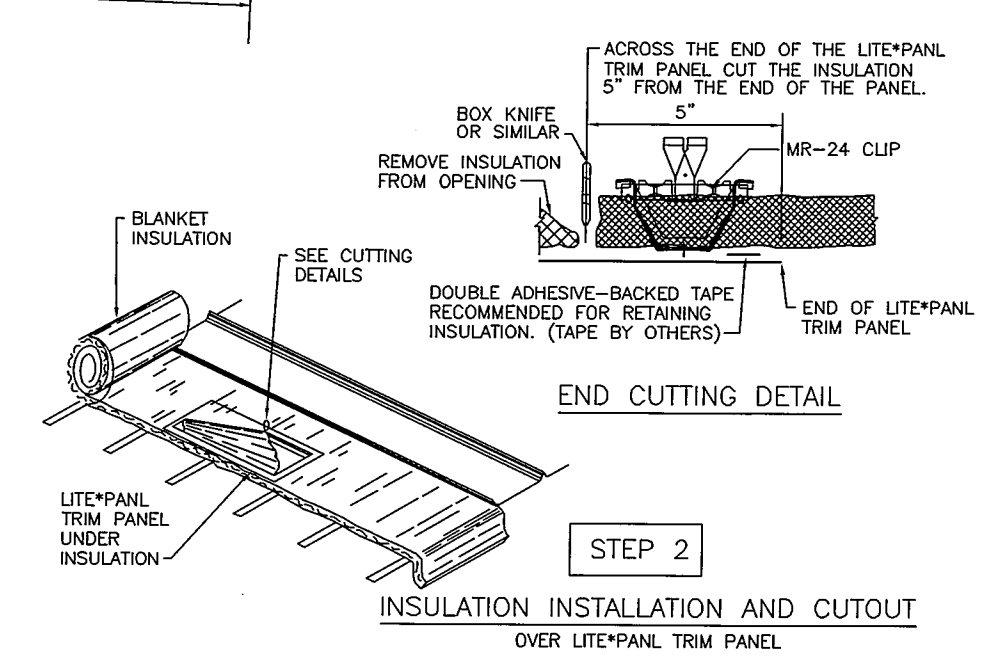
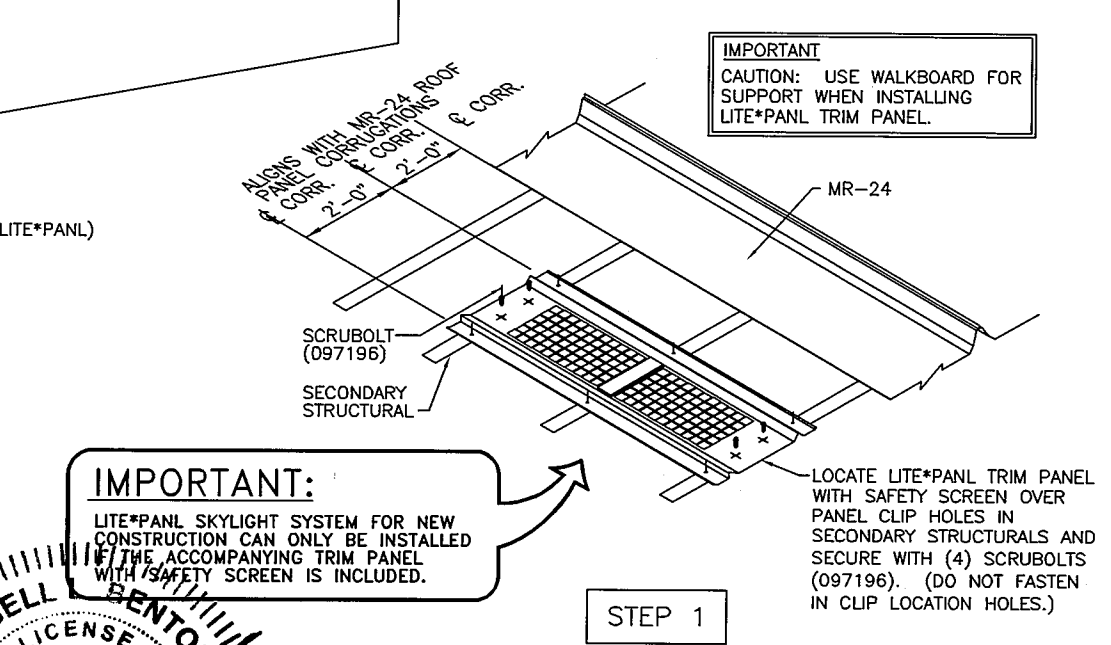
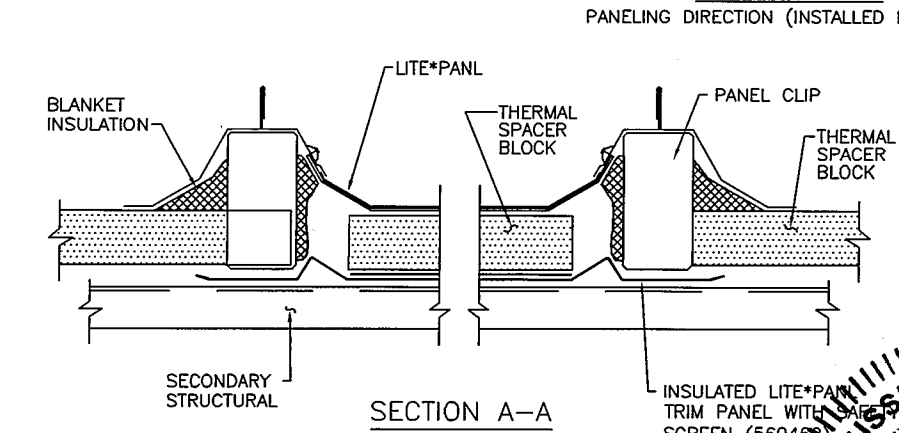
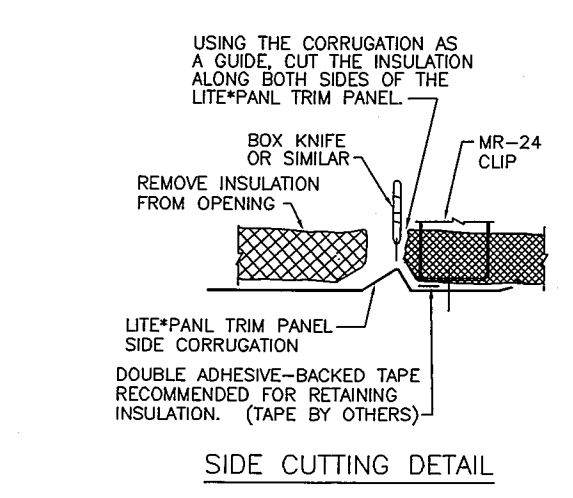
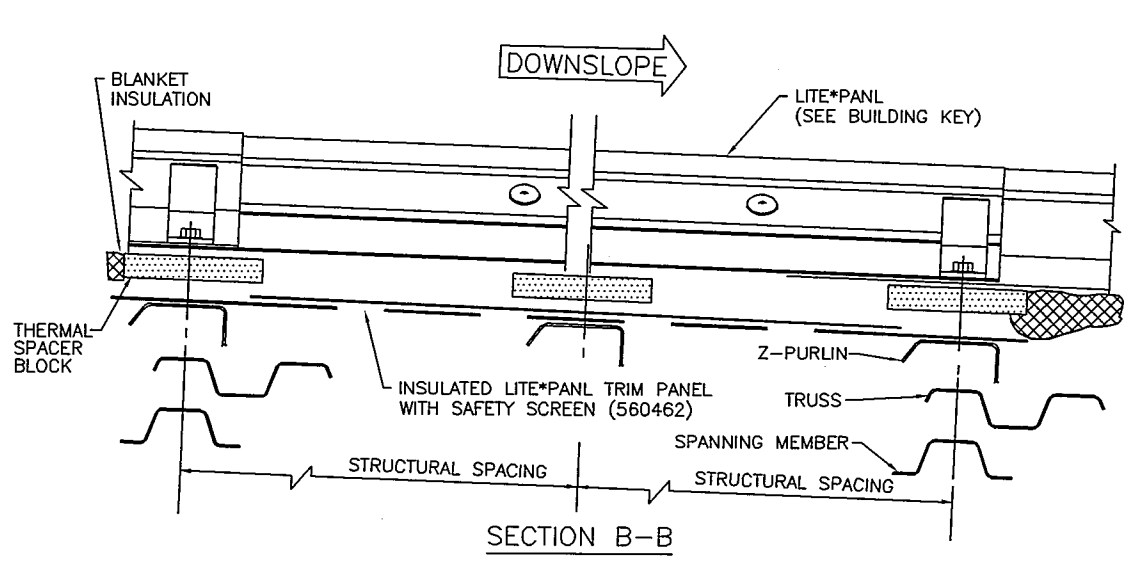
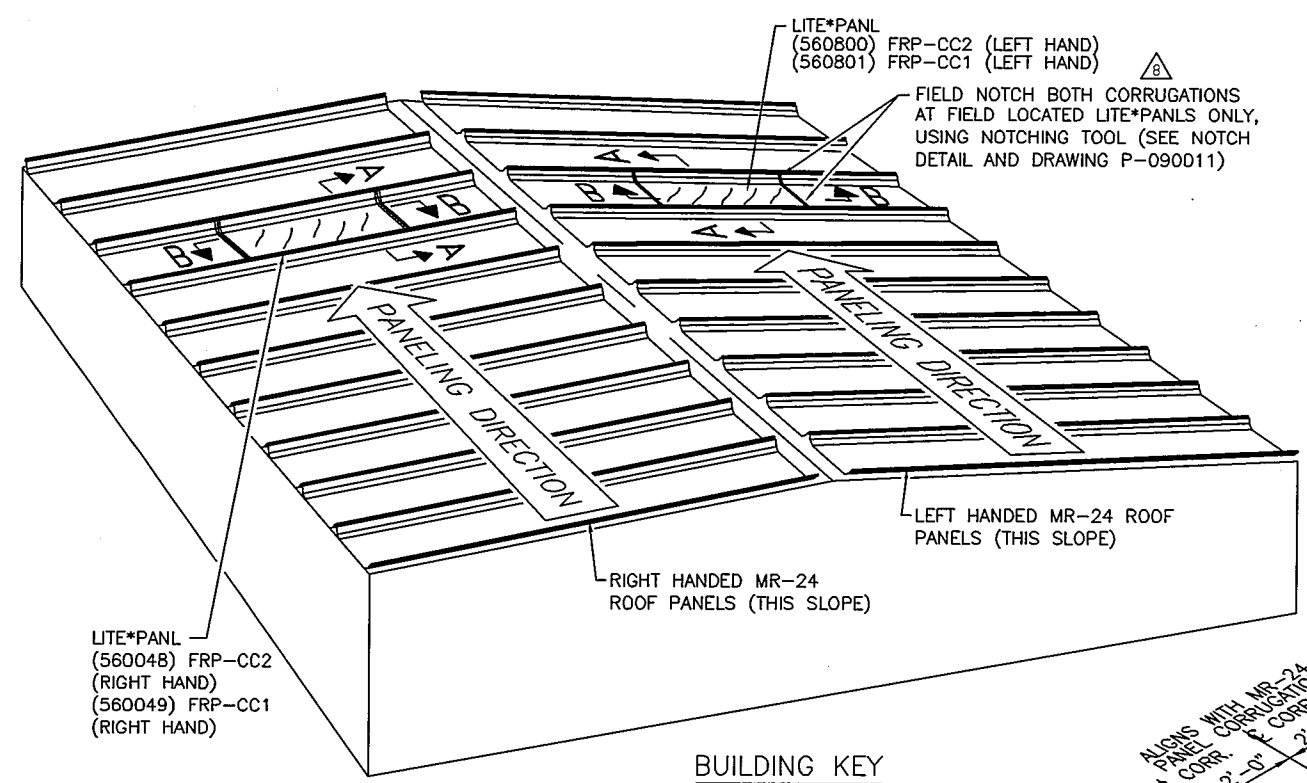
REVISION NUMBER 5  
CHANGE REFERENCE PLANO FROM P-081XXX TOP-090011.  
DATE 10/13/16  
DWBY CHKD BSN RLB  
REVISE NOTE #21619

REVISION NUMBER 9  
ADDED THE FBC CORROSION NOTE.  
DATE 09/16/26  
DWBY CHKD NF RLB

REVISION NUMBER 8  
REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE\*PANLS INSTEAD OF LEFT HAND PANELS PER DWBY CHKD USER STORY 177817.  
DATE 04/01/24  
DWBY CHKD RHE ARS

REVISION NUMBER 7  
ADD FLORIDA APPROVAL LOGO  
DATE 09/03/20  
DWBY CHKD BSN RLB

REVISION NUMBER 6  
REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION. LITE\*PANLS CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENH #24316.  
DATE 11/06/18  
DWBY CHKD BSN RLB



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

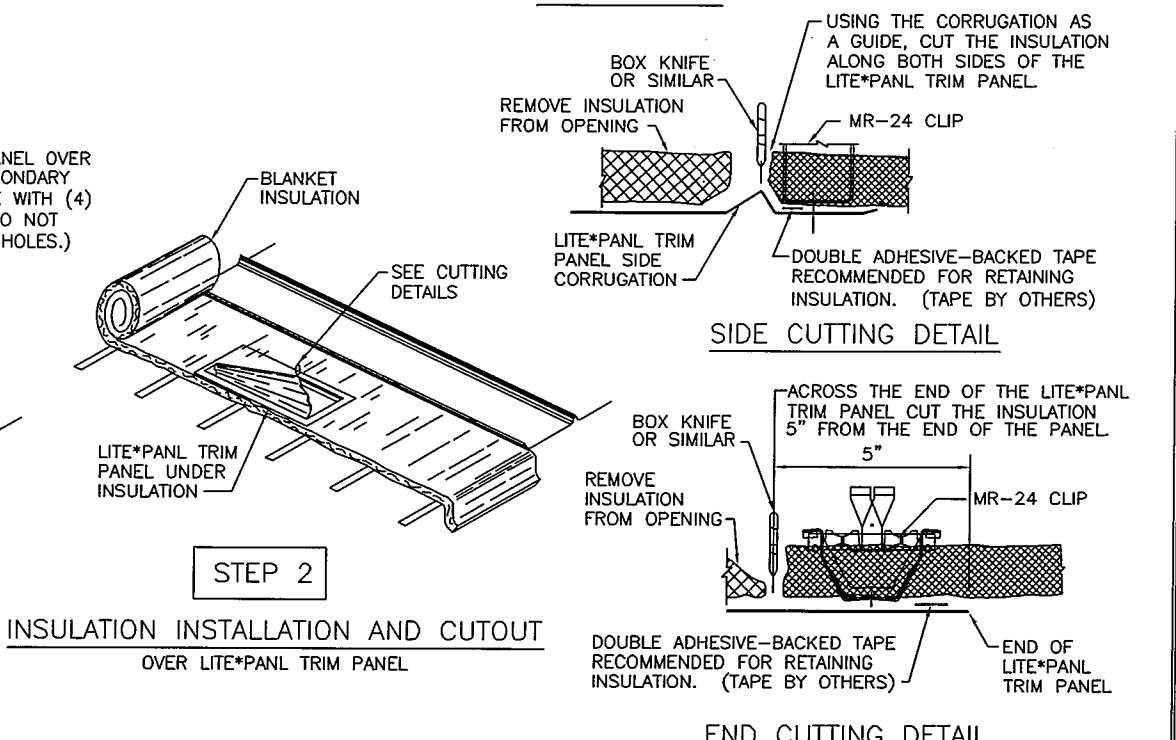
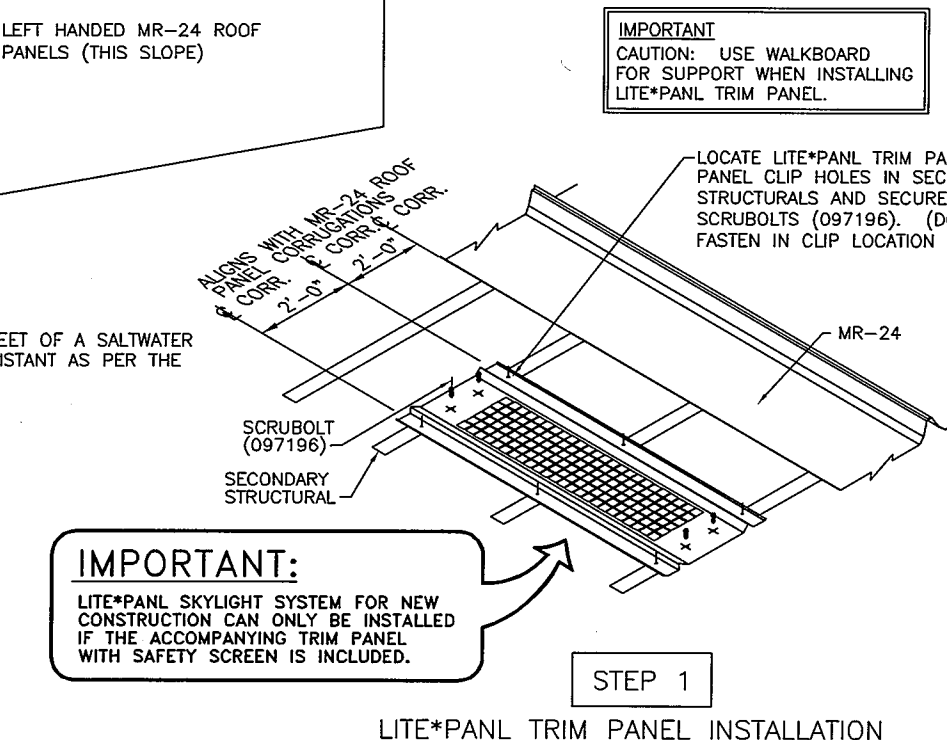
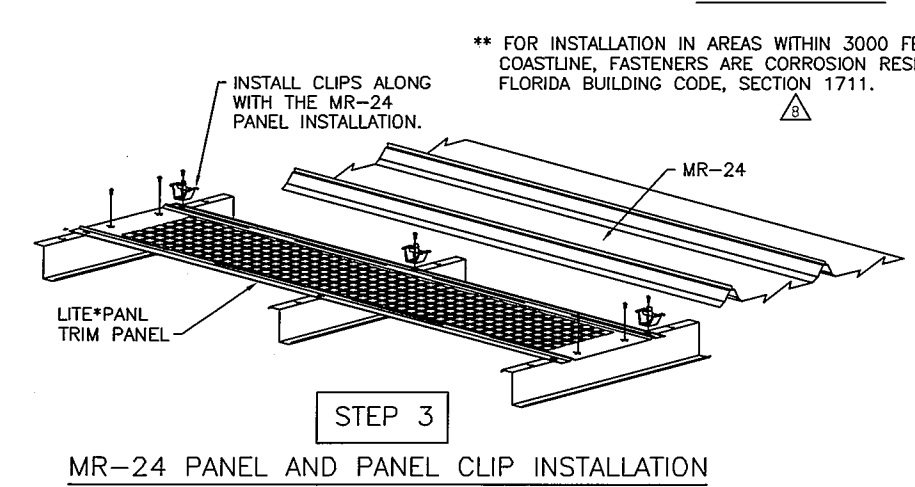
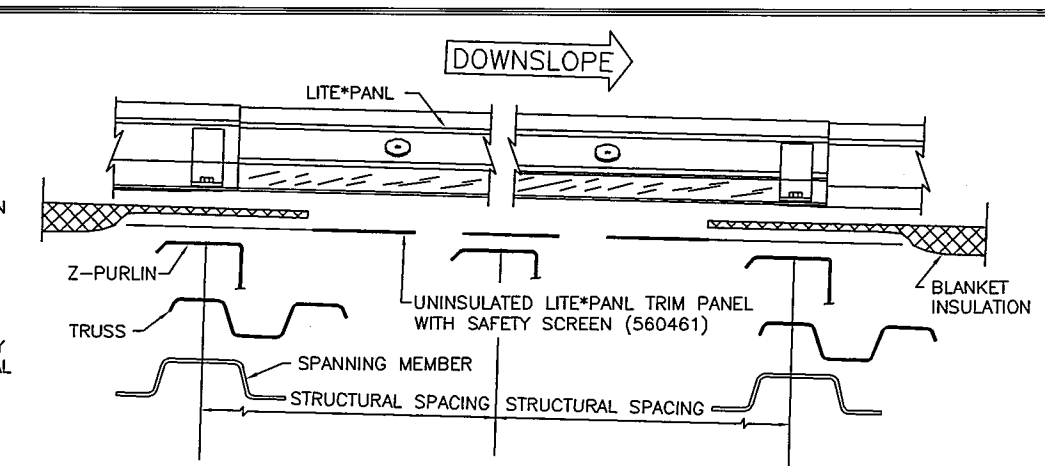
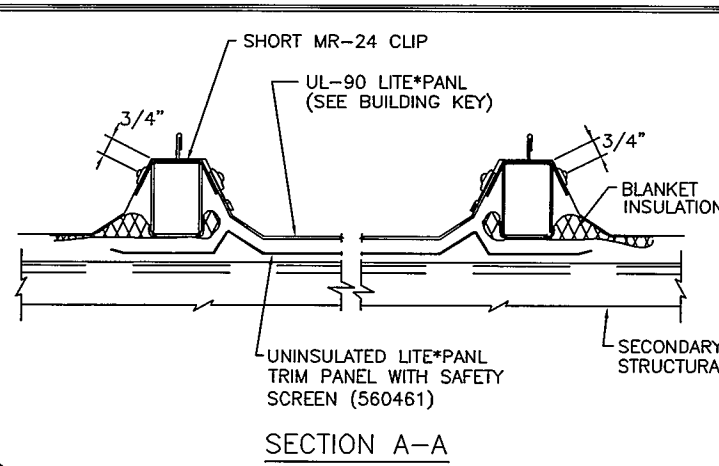
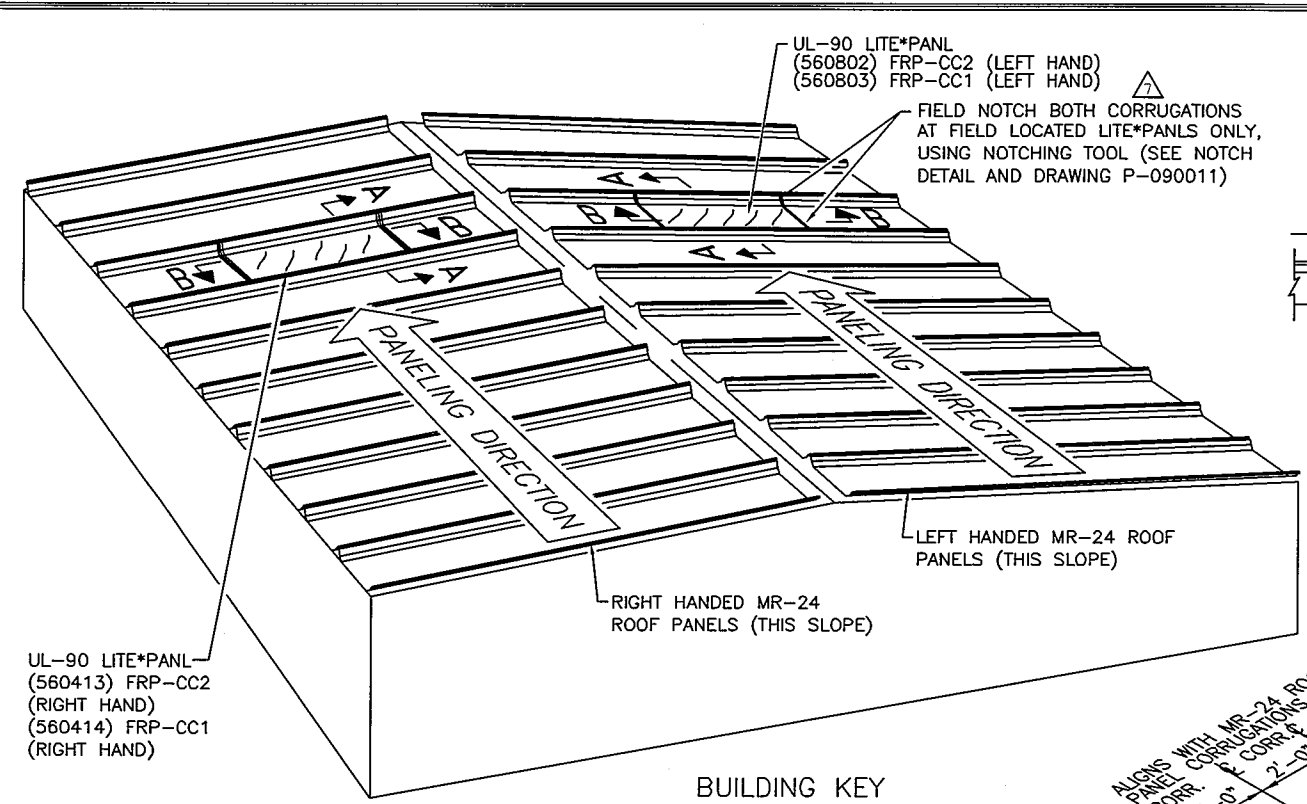
NOTE: PANEL SPLICE HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

- 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.

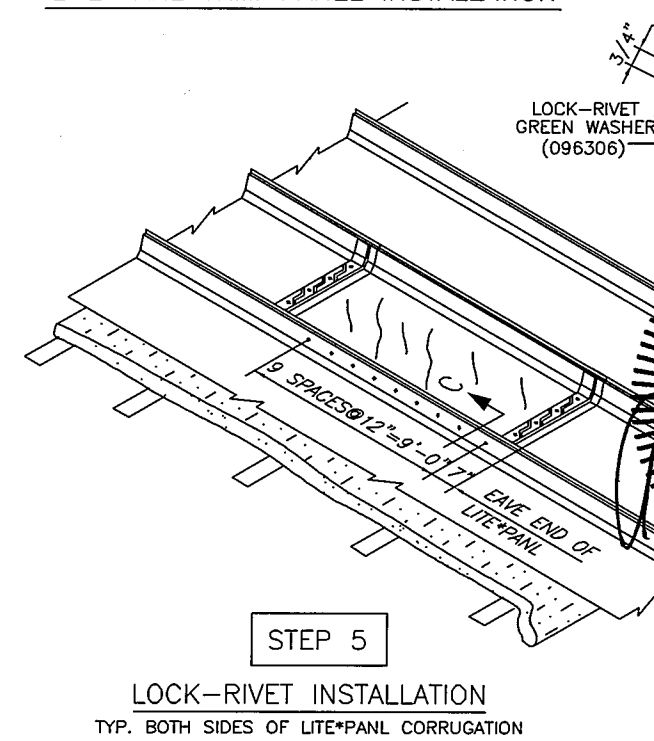
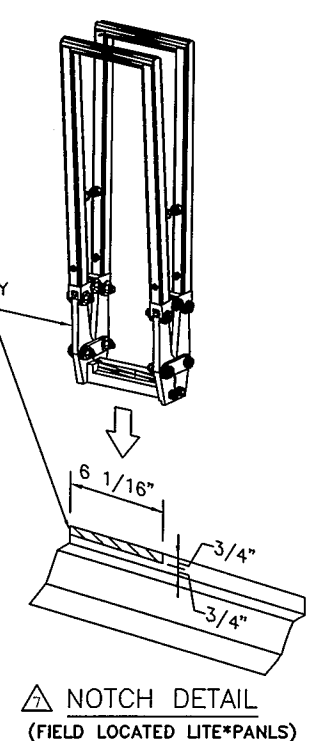
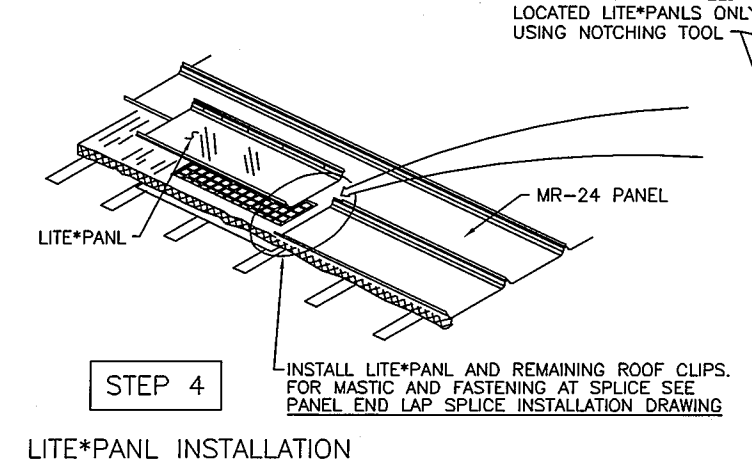


| MR-24 INSULATED LITE*PANL INSULATED PURLIN |               |                         |  |
|--------------------------------------------|---------------|-------------------------|--|
| DRAWN BY                                   | CHECKED BY    | GROUP NUMBER: 02-011-01 |  |
| PDW                                        | RMC           |                         |  |
| FIRST RELEASE DATE                         | REVISION DATE |                         |  |
| 01/21/10                                   | 09/16/26      | B P-081663 09           |  |

| REVISION NUMBER 5                                                                                                                                  | REVISION NUMBER 4                                 | REVISION NUMBER 3                  | REVISION NUMBER 2                                                                                                       | REVISION NUMBER 1                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DATE: 11/05/18<br>DWBY: CHKD<br>BSN: RHE                                                                                                           | DATE: 10/13/16<br>DWBY: CHKD<br>BSN: RLB          | DATE: 09/18/26<br>DWBY: CHKD<br>NF | DATE: 04/01/24<br>DWBY: CHKD<br>RHE                                                                                     | DATE: 09/03/20<br>DWBY: CHKD<br>BSN |
| REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE*PANEL IS NOT TO BE USED IN EXISTING ROOFING SYSTEMS WITH SAFETY SCREENS. (SEE P-081664) | CHANGE REFERENCE PLANO FROM P-081664 TO P-080011. | ADDED THE FBC CORROSION NOTE.      | REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE*PANELS INSTEAD OF LEFT HAND PANELS PER USER STORY 177817. | ADD FLORIDA APPROVAL LOGO           |



**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



**RUSSELL L. BENTON**  
LICENSE  
No. 51155  
FLORIDA  
PROFESSIONAL ENGINEER  
10/10/2022

**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.

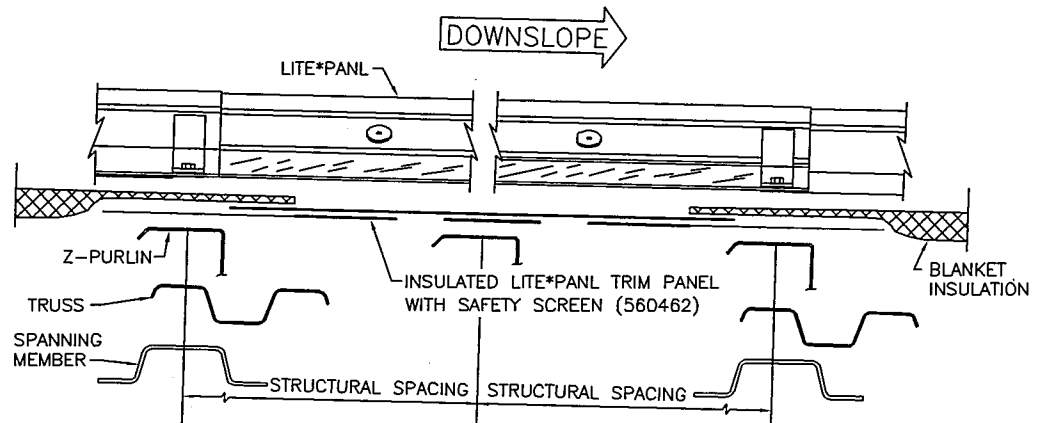
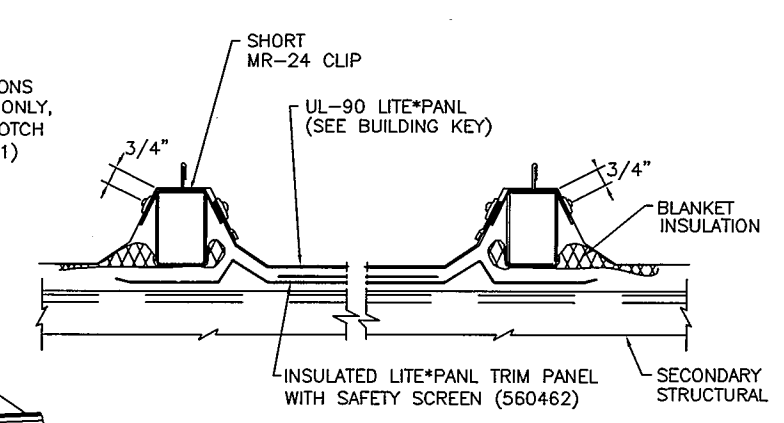
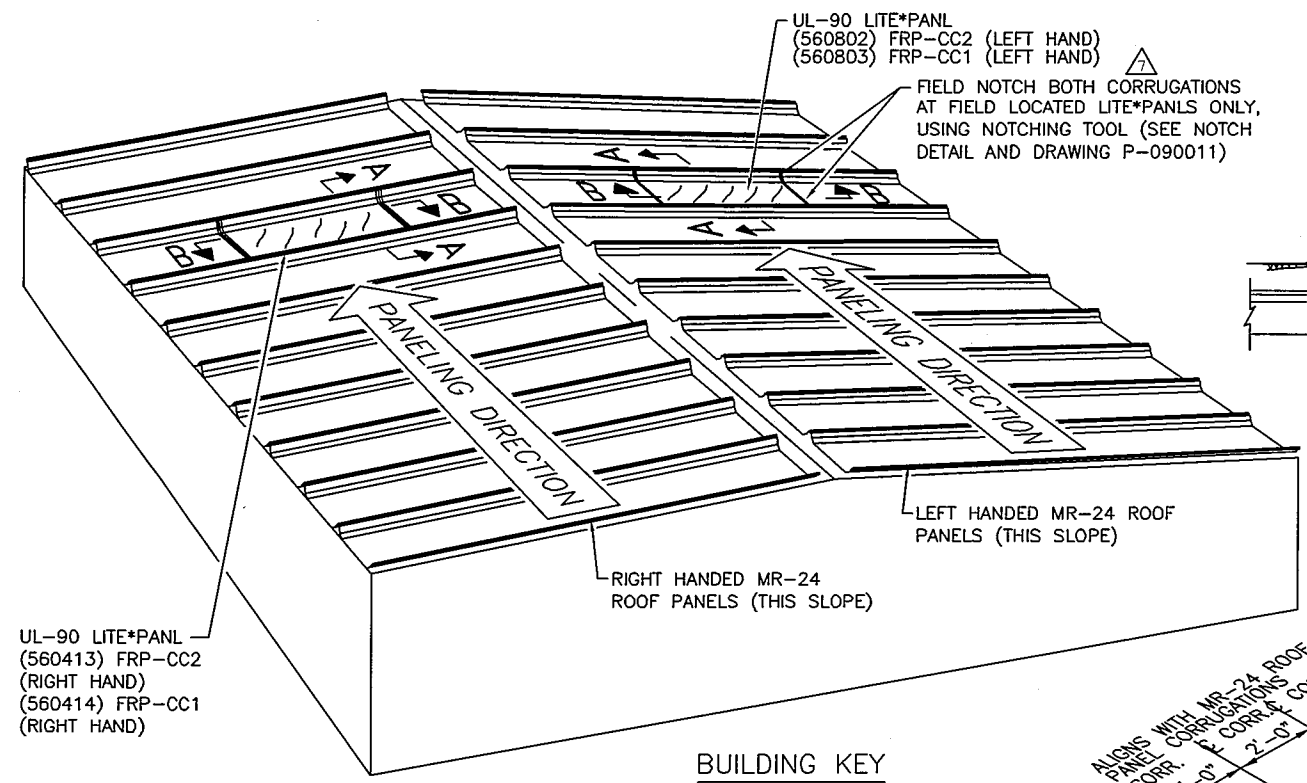
**MR-24 U.L. 90 UNINSULATED LITE\*PANEL UNINSULATED PURLIN**

|                              |                         |                 |
|------------------------------|-------------------------|-----------------|
| DRAWN BY: PDW                | CHECKED BY: RMC         | GROUP NUMBER: B |
| FIRST RELEASE DATE: 01/21/10 | REVISION DATE: 09/16/26 | P-081664 08     |

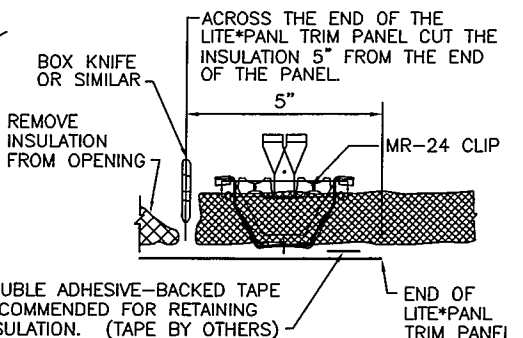
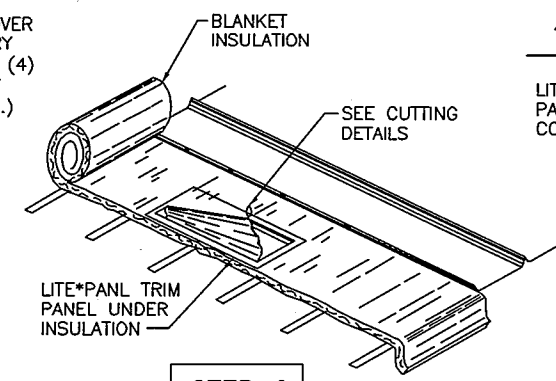
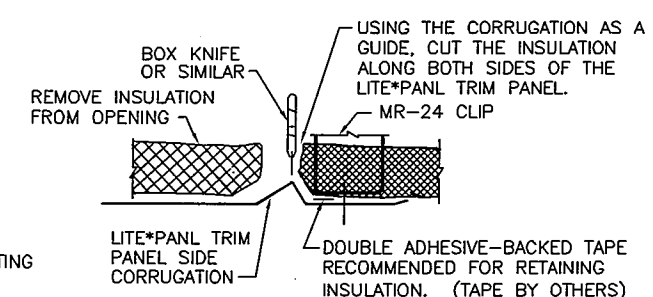


Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

| REVISION NUMBER 5                                                                                                                                                                    | REVISION NUMBER 4                                 | REVISION NUMBER 3             | REVISION NUMBER 2                                                                                           | REVISION NUMBER 1                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------|
| DATE 11/06/18<br>DWBY CHKD RHE<br>BSN                                                                                                                                                | DATE 10/13/16<br>DWBY CHKD RLB<br>BSN             | DATE 09/16/26<br>DWBY NF      | DATE 04/01/24<br>DWBY CHKD RHE<br>ARS                                                                       | DATE 09/03/20<br>DWBY CHKD RLB<br>BSN |
| REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION. IF THE TRIM PANEL IS USED IN EXISTING CONSTRUCTION, THE TRIM PANEL MUST BE INSTALLED WITH SAFETY SCREEN. SEE P-080577 FOR DETAILS. | CHANGE REFERENCE PLANO FROM P-081665 TO P-080011. | ADDED THE FBC CORROSION NOTE. | REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE*PANLS INSTEAD OF LEFT HAND PANELS PER 177817. | ADD FLORIDA APPROVAL LOGO             |

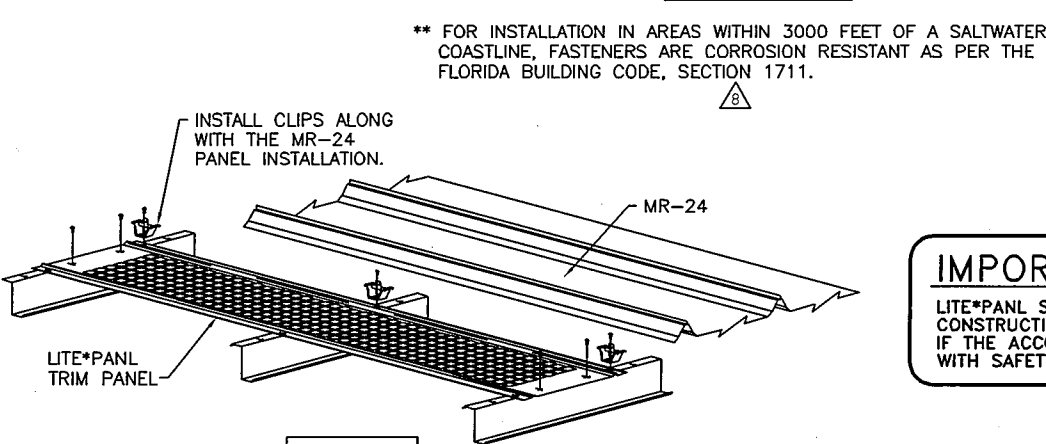


**IMPORTANT**  
CAUTION: USE WALKBOARD FOR SUPPORT WHEN INSTALLING LITE\*PANL TRIM PANEL.



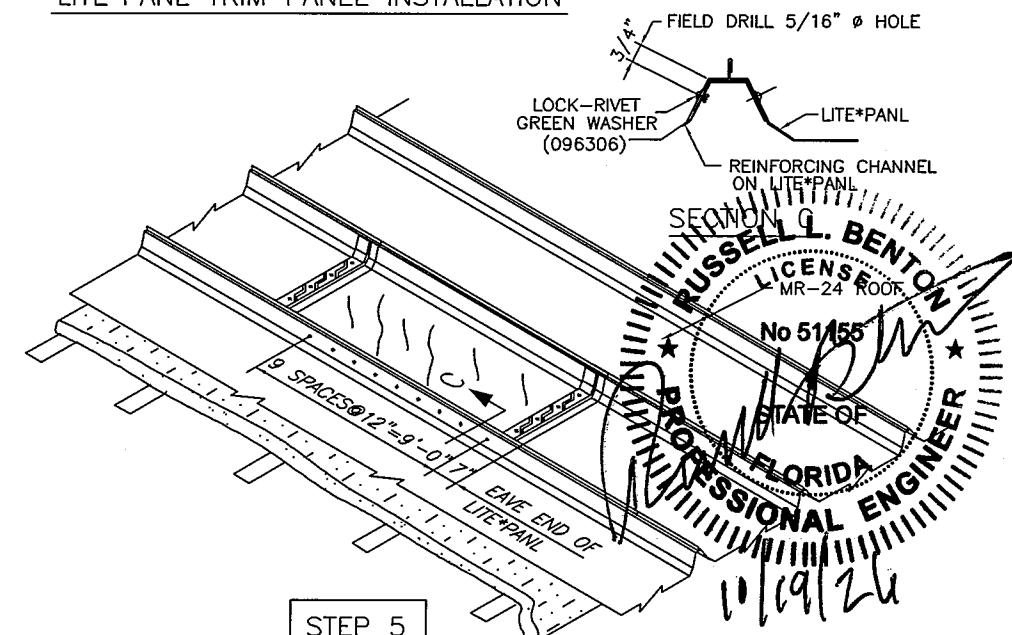
**NOTE:**  
PANEL SPlice HOLES MAY NOT ALIGN WITH PANEL CLIP HOLES.

- 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.



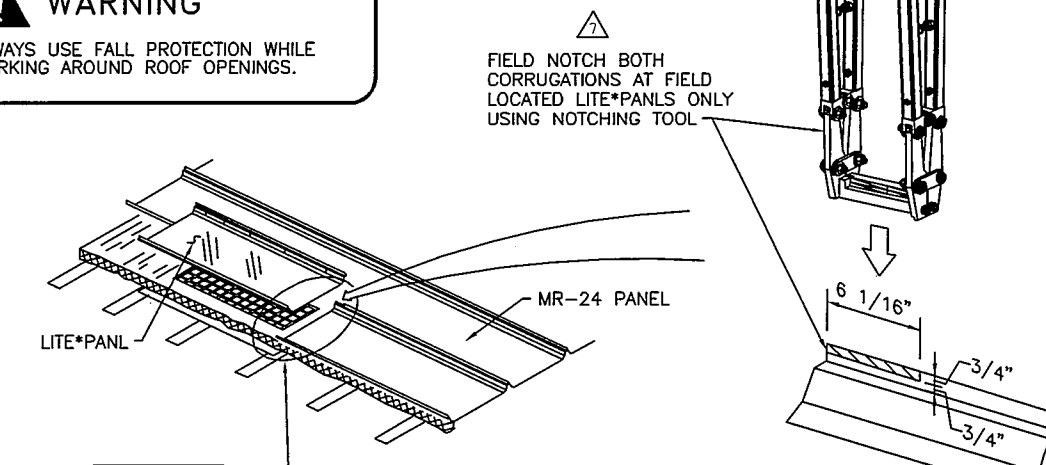
**IMPORTANT:**  
LITE\*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

**STEP 1**  
LITE\*PANL TRIM PANEL INSTALLATION



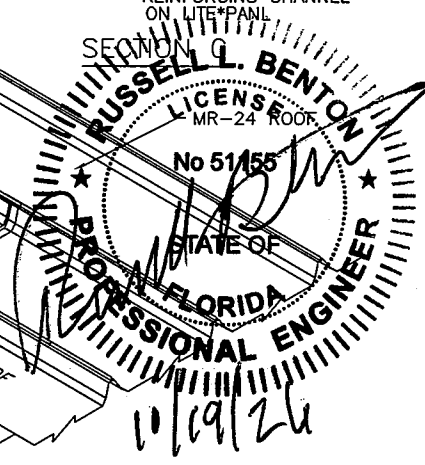
**STEP 5**  
LOCK-RIVET INSTALLATION  
TYP. BOTH SIDES OF LITE\*PANL CORRUGATION

**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



**STEP 4**  
LITE\*PANL INSTALLATION  
INSTALL LITE\*PANL AND REMAINING ROOF CLIPS. FOR MASTIC AND FASTENING AT SPlice SEE PANEL END LAP SPlice INSTALLATION DRAWING

**NOTCH DETAIL**  
(FIELD LOCATED LITE\*PANLS)

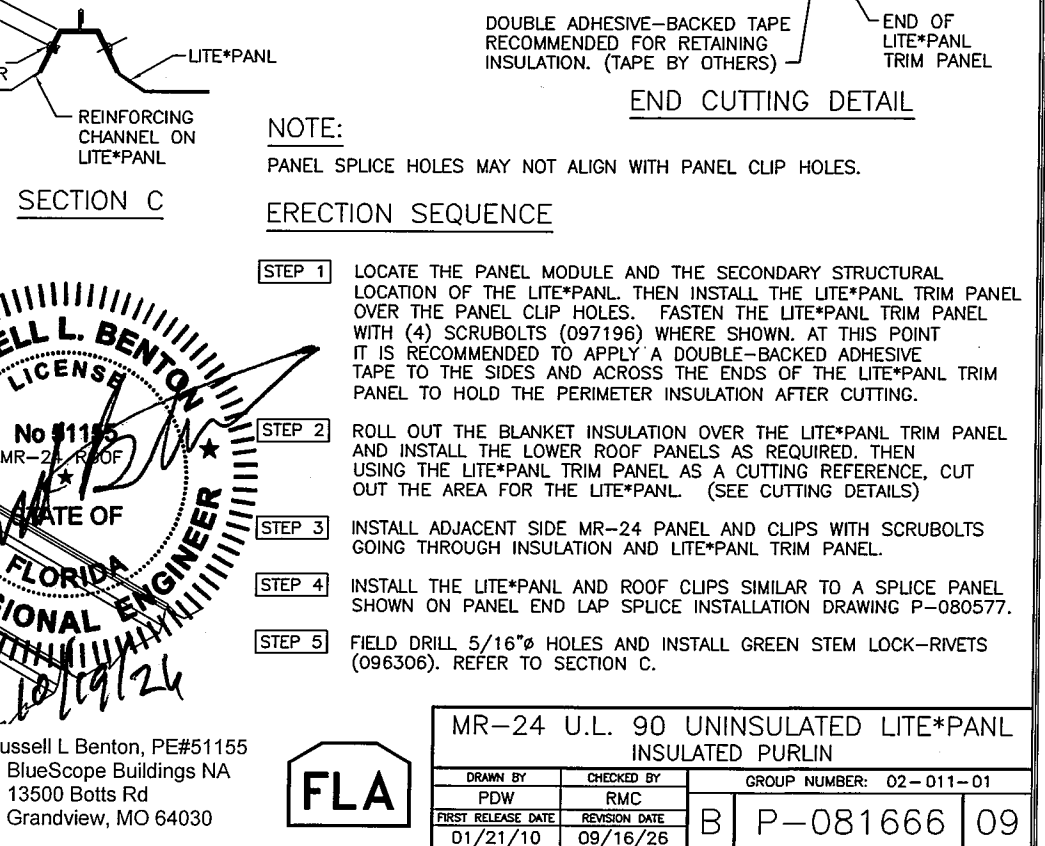
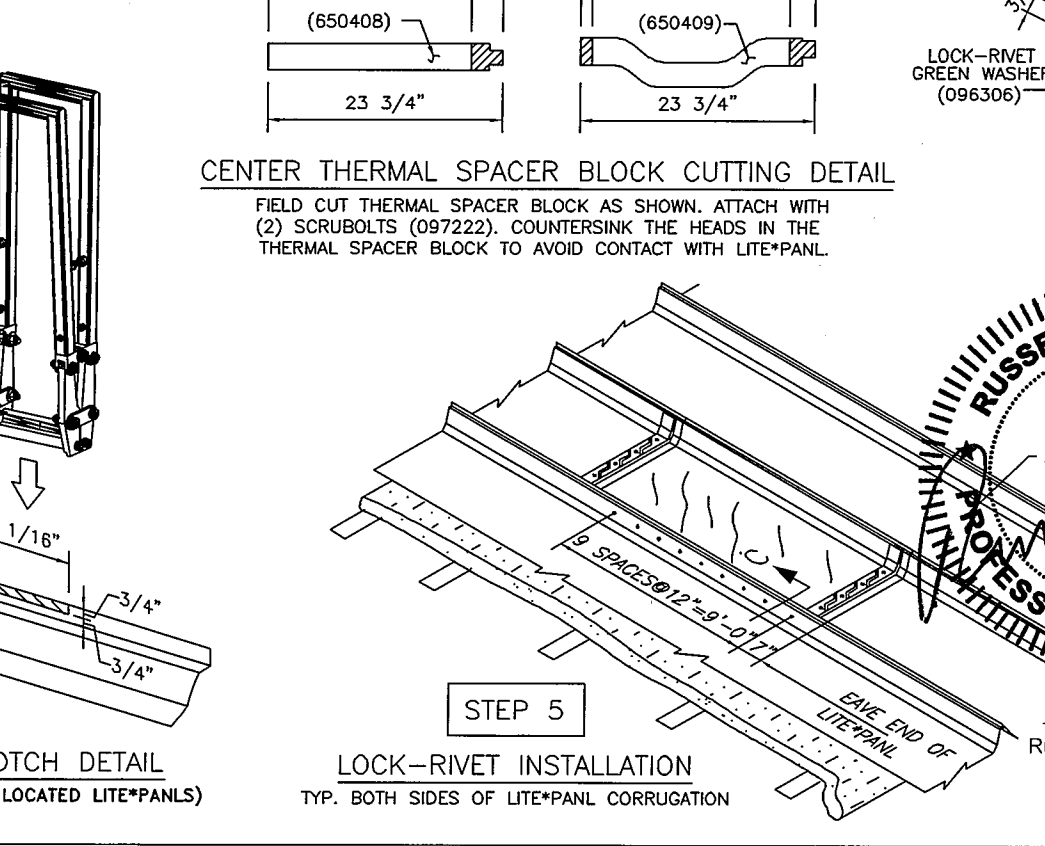
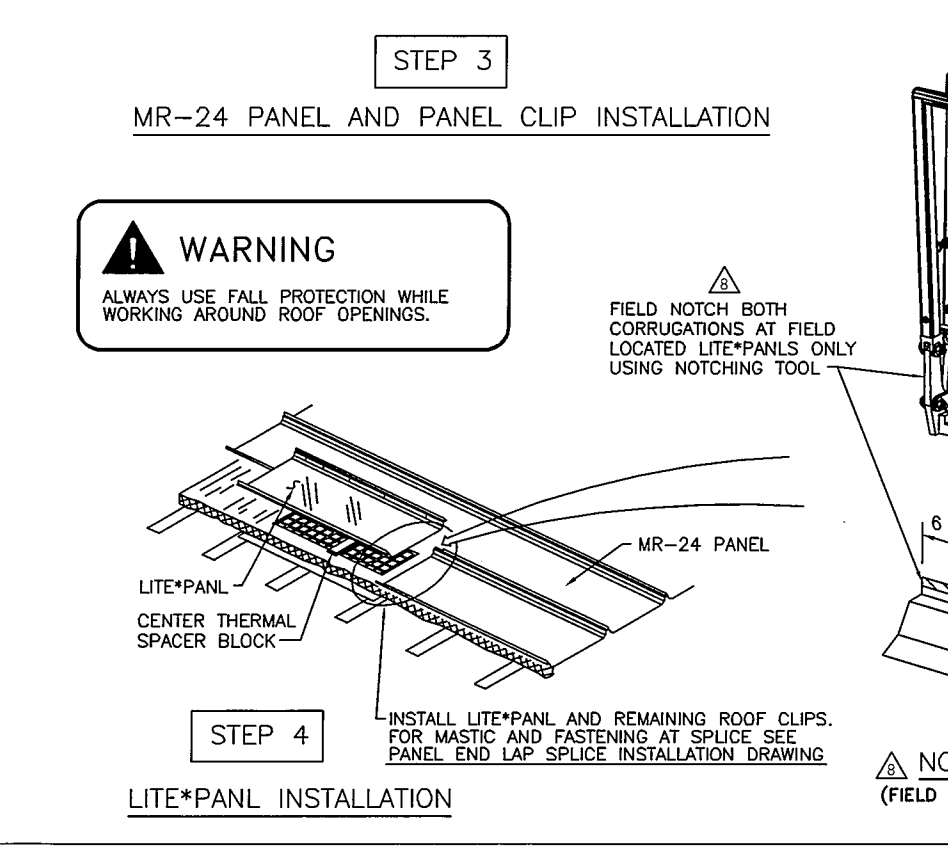
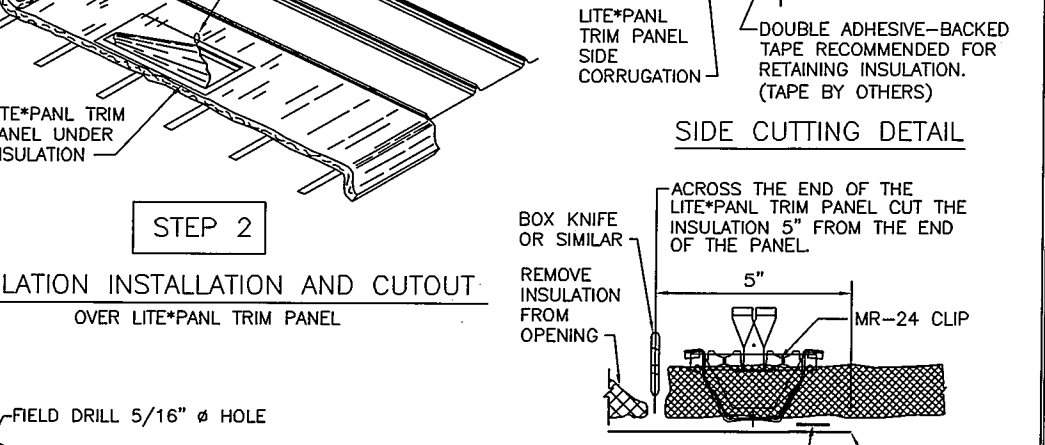
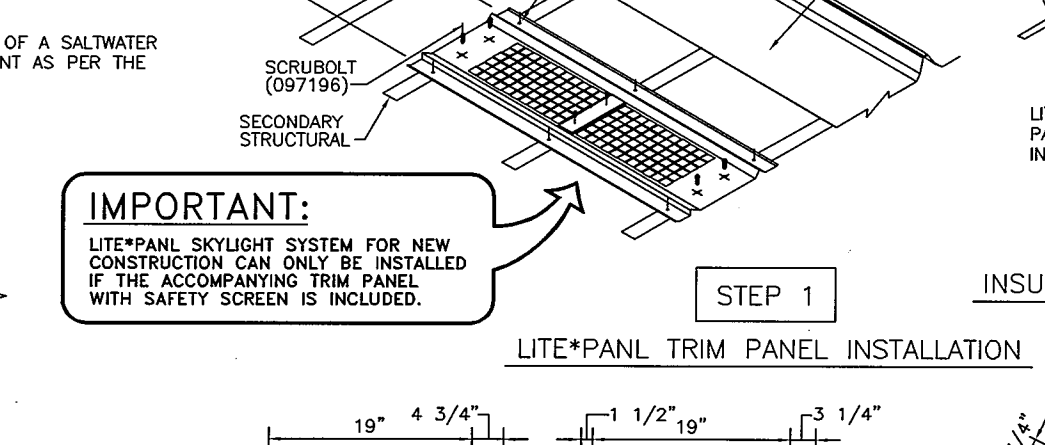
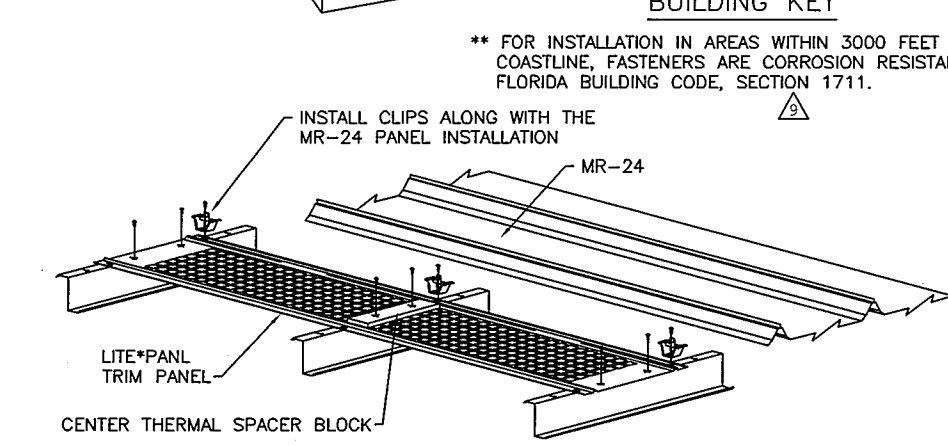
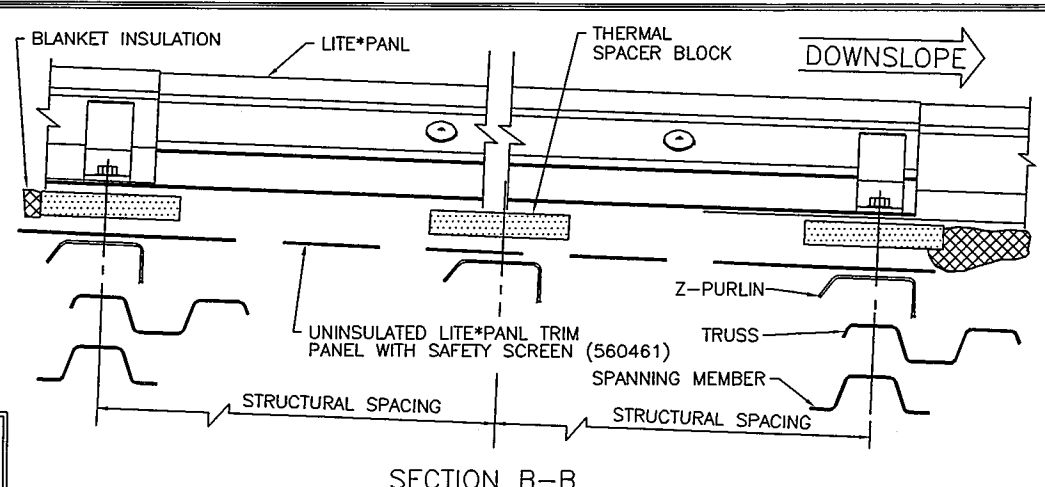
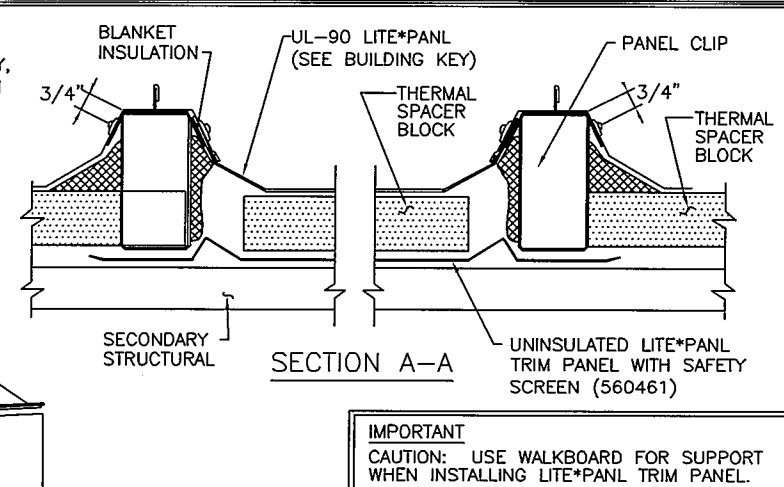
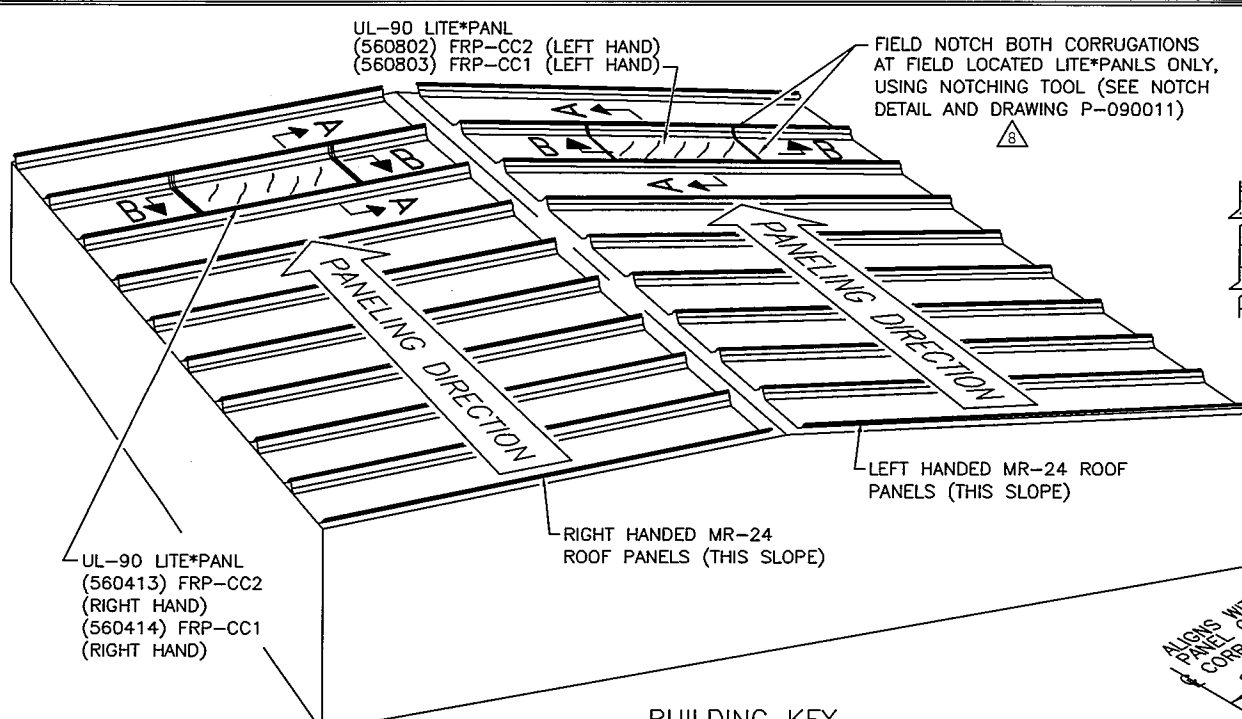


Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



| MR-24 U.L. 90 INSULATED LITE*PANL UNINSULATED PURLIN |                        |                         |             |
|------------------------------------------------------|------------------------|-------------------------|-------------|
| DRAWN BY PDW                                         | CHECKED BY RMC         | GROUP NUMBER: 02-011-01 |             |
| FIRST RELEASE DATE 01/21/10                          | REVISION DATE 09/16/26 | B                       | P-081665 08 |

REVISION NUMBER 5  
CHANGE REFERENCE PLANO FROM 10/13/16  
DWBY CHKD RLB BSN  
REVISION NUMBER 9  
DATE 09/18/26  
DWBY CHKD RLB NF  
REVISION NUMBER 8  
DATE 04/01/24  
DWBY CHKD RLB ARS  
REVISION NUMBER 7  
DATE 09/03/20  
DWBY CHKD RLB BSN  
REVISION NUMBER 6  
DATE 11/06/18  
DWBY CHKD RLB BSN  
REVISION NUMBER 4  
DATE 11/06/18  
DWBY CHKD RLB BSN  
REVISION NUMBER 3  
DATE 09/03/20  
DWBY CHKD RLB BSN  
REVISION NUMBER 2  
DATE 09/03/20  
DWBY CHKD RLB BSN  
REVISION NUMBER 1  
DATE 09/03/20  
DWBY CHKD RLB BSN



**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

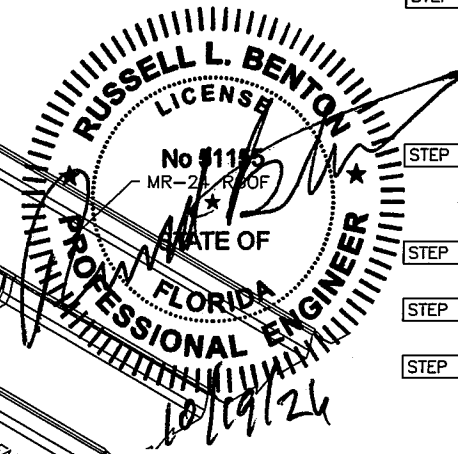
**IMPORTANT:**  
LITE\*PANEL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.

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

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

**ERECTION SEQUENCE**

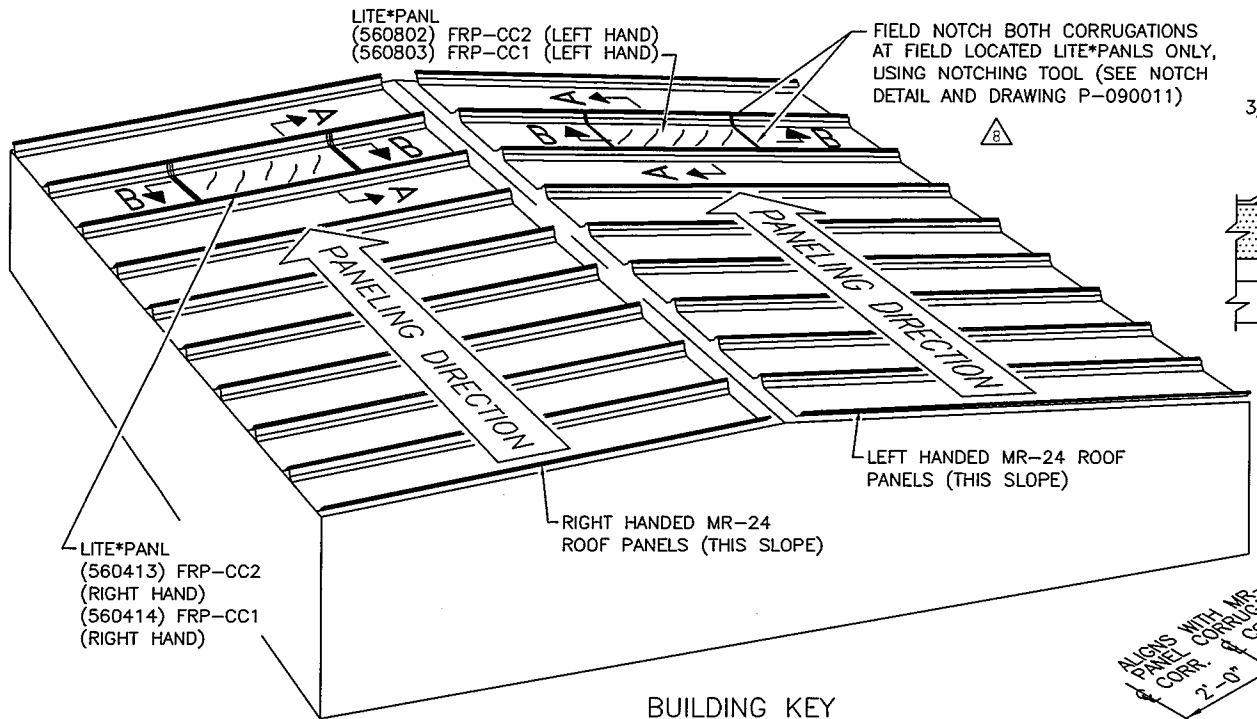
- STEP 1 LOCATE THE PANEL MODULE AND THE SECONDARY STRUCTURAL LOCATION OF THE LITE\*PANEL. THEN INSTALL THE LITE\*PANEL TRIM PANEL OVER THE PANEL CLIP HOLES. FASTEN THE LITE\*PANEL TRIM PANEL WITH (4) SCRUBOLTS (097196) WHERE SHOWN. AT THIS POINT IT IS RECOMMENDED TO APPLY A DOUBLE-BACKED ADHESIVE TAPE 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.



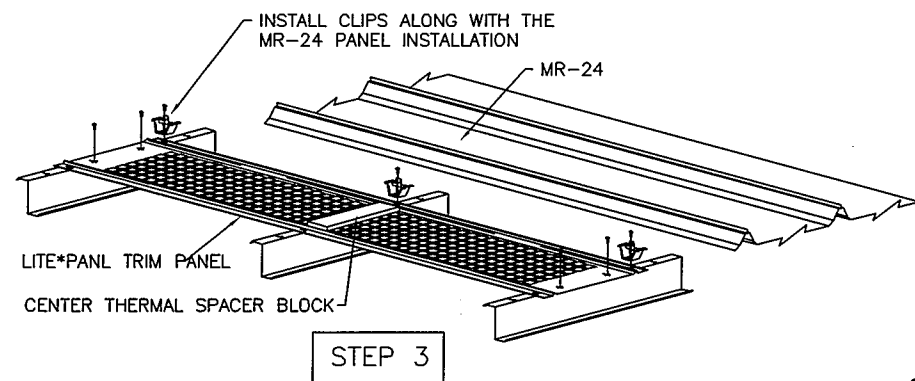
|                                                       |               |                         |             |
|-------------------------------------------------------|---------------|-------------------------|-------------|
| MR-24 U.L. 90 UNINSULATED LITE*PANEL INSULATED PURLIN |               |                         |             |
| DRAWN BY                                              | CHECKED BY    | GROUP NUMBER: 02-011-01 |             |
| PDW                                                   | RMC           |                         |             |
| FIRST RELEASE DATE                                    | REVISION DATE |                         |             |
| 01/21/10                                              | 09/16/26      |                         |             |
|                                                       |               | B                       | P-081666 09 |

Russell L. Benton, PE#11155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

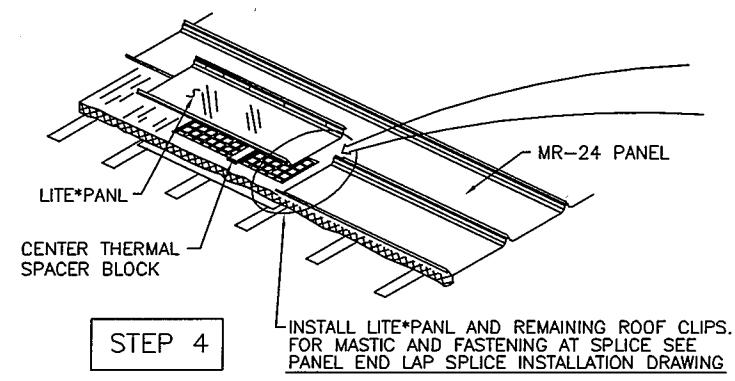
REVISION NUMBER 5  
DATE 10/13/16  
DWBY CHKD RLB  
BSEN  
CHANGE REFERENCE PLANO FROM P-081667 TO P-080011.  
REVISION NUMBER 9  
DATE 09/18/26  
DWBY CHKD NF  
ADDED THE FBC CORROSION NOTE.  
REVISION NUMBER 8  
DATE 04/01/24  
DWBY CHKD RHE  
RHS  
REVISED THE FIELD NOTCH DETAIL TO CALL OUT FIELD LOCATED LITE\*PANLS INSTEAD OF LEFT HAND PANELS PER USER STORY 177817.  
REVISION NUMBER 7  
DATE 09/03/20  
DWBY CHKD BSEN  
RHS  
ADD FLORIDA APPROVAL LOGO  
REVISION NUMBER 6  
DATE 11/06/18  
DWBY CHKD BSEN  
RHS  
REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE\*PANL PANELS MUST BE INSTALLED IN THE TRIM PANEL END LAP SPICE INSTALLATION DRAWING. BSEN INCLUDED AND INSTALLED ENT. #24316.



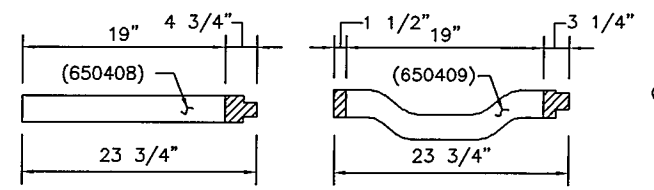
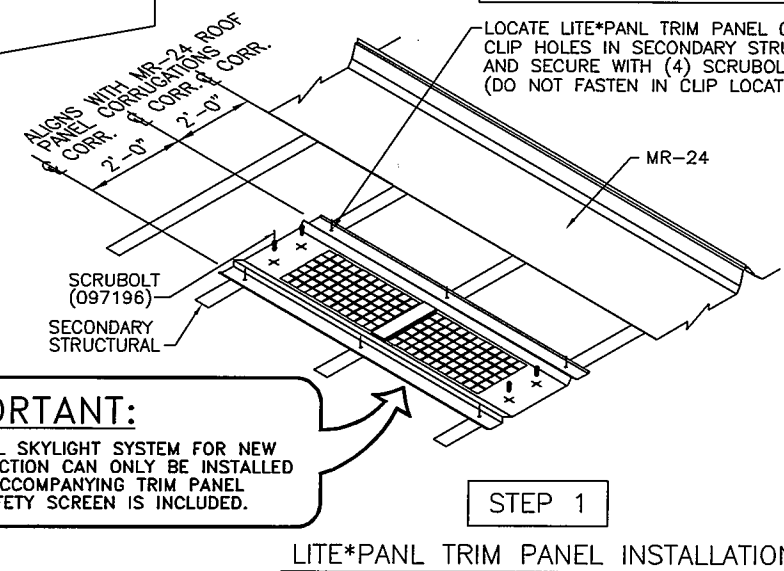
\*\* FOR INSTALLATION IN AREAS WITHIN 3000 FEET OF A SALTWATER COASTLINE, FASTENERS ARE CORROSION RESISTANT AS PER THE FLORIDA BUILDING CODE, SECTION 1711.



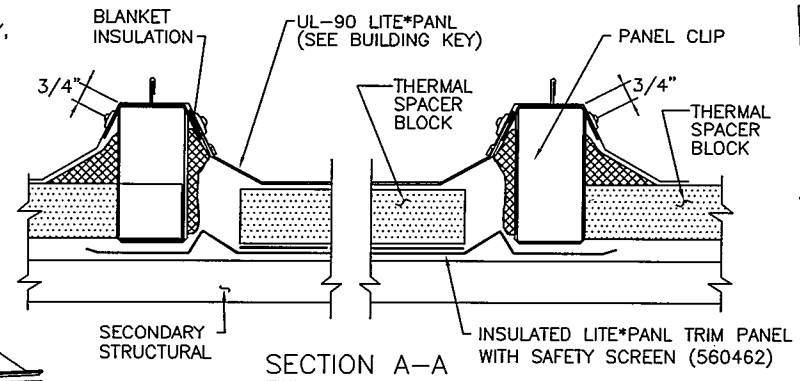
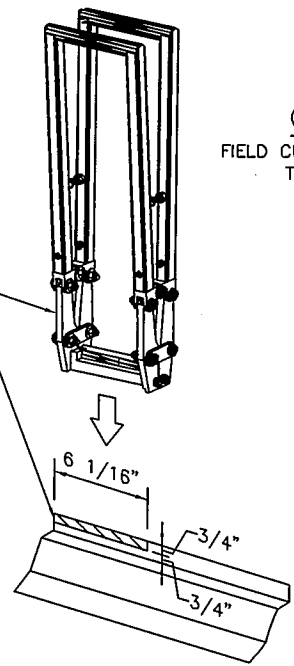
**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.



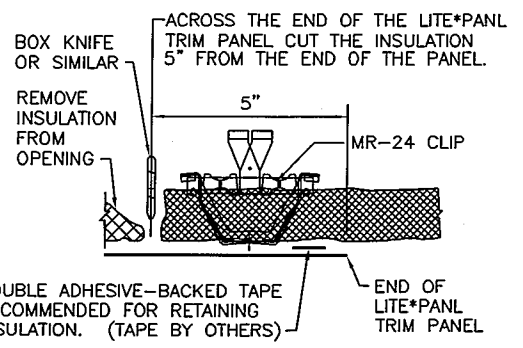
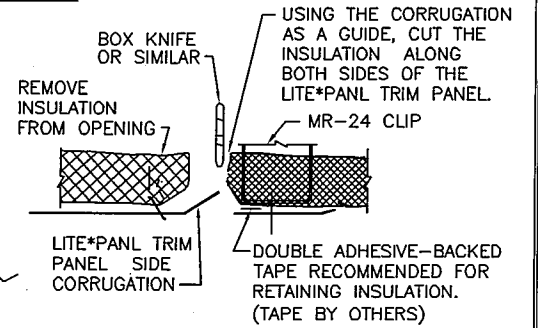
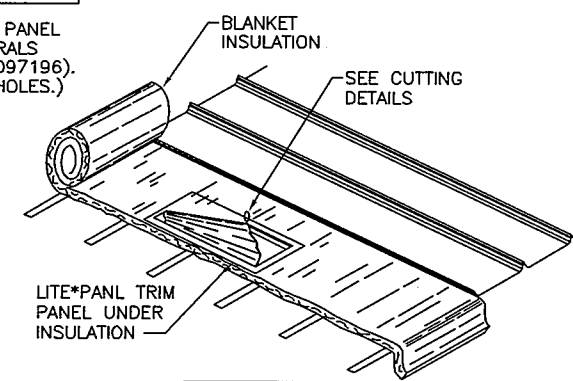
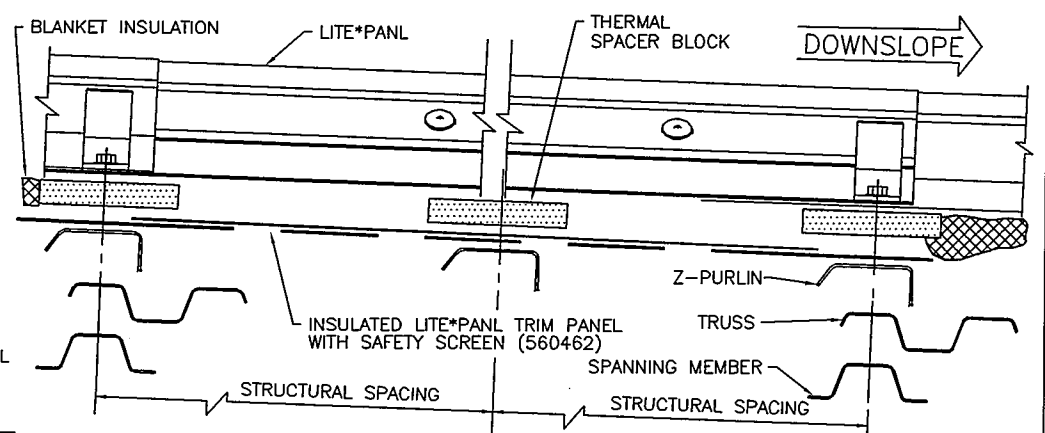
**IMPORTANT:**  
LITE\*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.



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



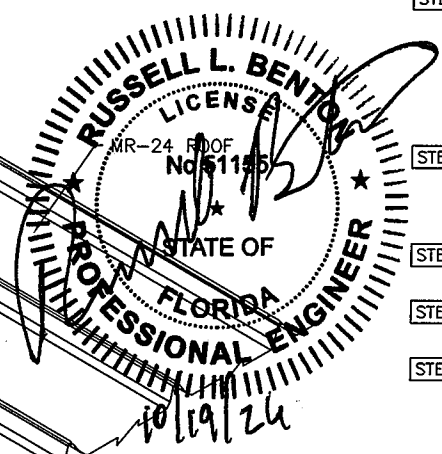
**IMPORTANT**  
CAUTION: USE WALKBOARD FOR SUPPORT WHEN INSTALLING LITE\*PANL TRIM PANEL.



**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 SPICE PANEL SHOWN ON PANEL END LAP SPICE INSTALLATION DRAWING P-080577.
- STEP 5 FIELD DRILL 5/16" HOLES AND INSTALL GREEN STEM LOCK-RIVETS (096306). REFER TO SECTION C.



Russell L Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



| MR-24 U.L. 90 INSULATED LITE*PANL INSULATED PURLIN |               |                         |  |
|----------------------------------------------------|---------------|-------------------------|--|
| DRAWN BY                                           | CHECKED BY    | GROUP NUMBER: 02-011-01 |  |
| PDW                                                | RMC           |                         |  |
| FIRST RELEASE DATE                                 | REVISION DATE |                         |  |
| 01/21/10                                           | 09/16/26      |                         |  |

B P-081667 09

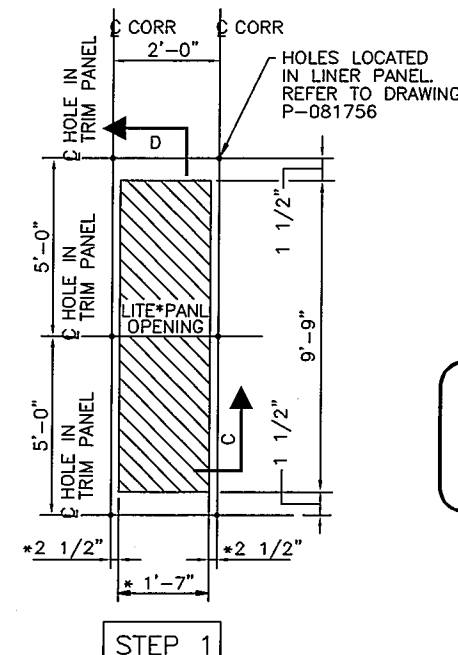
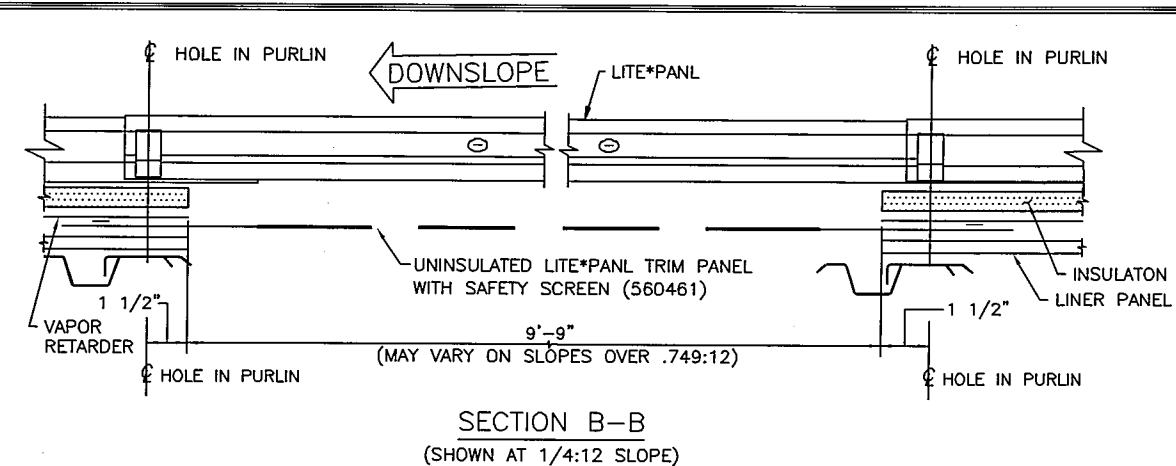
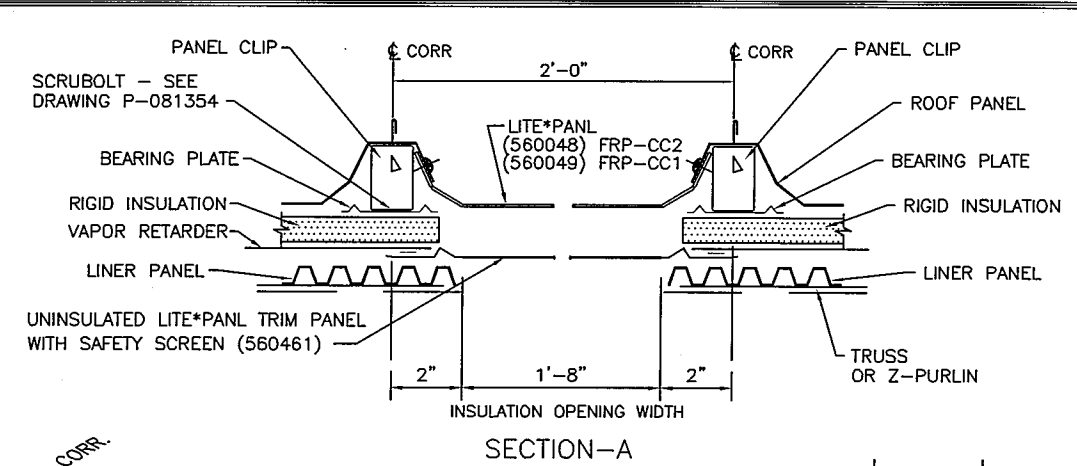
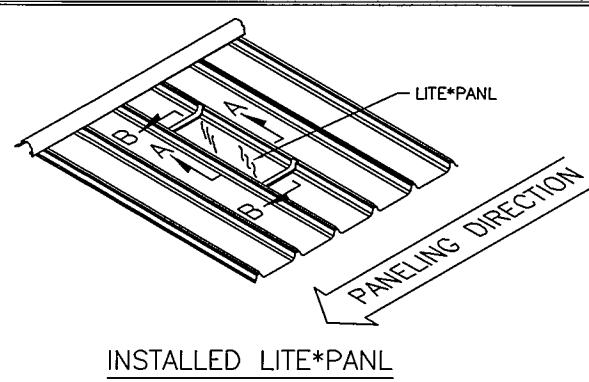
REVISION NUMBER 5  
DATE 11/06/18  
DWBY CHKD RLB  
RHE BSN INCLUDED AND INSTALLED ENH #24316.

REVISION NUMBER 4  
DATE 05/01/15  
DWBY CHKD RLB  
RHE BSN REPLACED WITH P-081756.

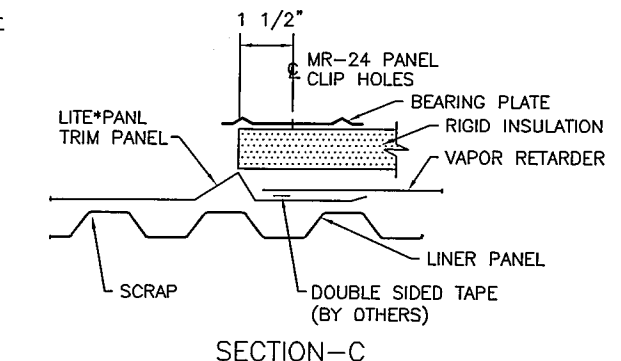
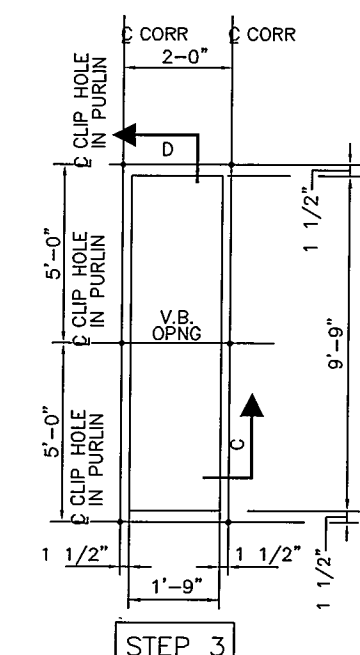
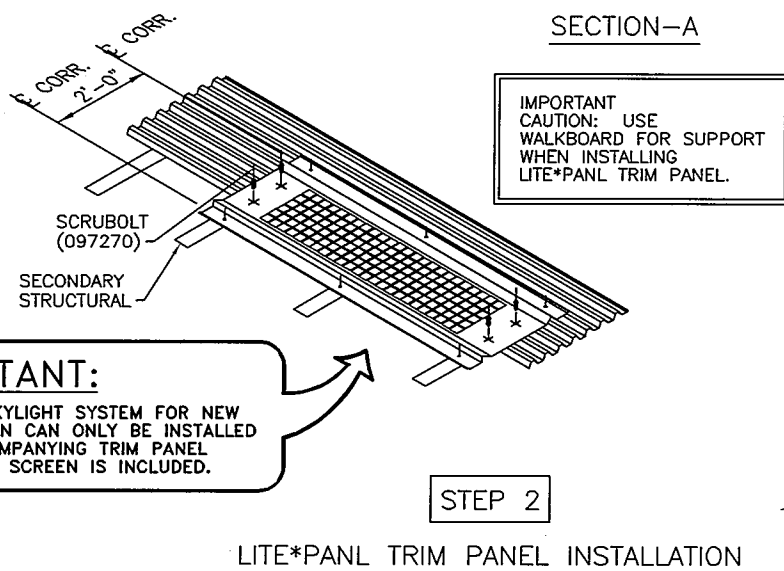
REVISION NUMBER 3  
DATE 05/15/14  
DWBY CHKD RLB  
RHE BSN REPLACED WITH P-081756.

REVISION NUMBER 7  
DATE 09/16/26  
DWBY CHKD RLB  
RHE BSN

REVISION NUMBER 6  
DATE 09/03/20  
DWBY CHKD RLB  
RHE BSN



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



END OF LITE\*PANL TRIM PANEL

4 1/2"

3"

MR-24 PANEL CLIP HOLES

INSULATION

VAPOR RETARDER

LINER PANEL

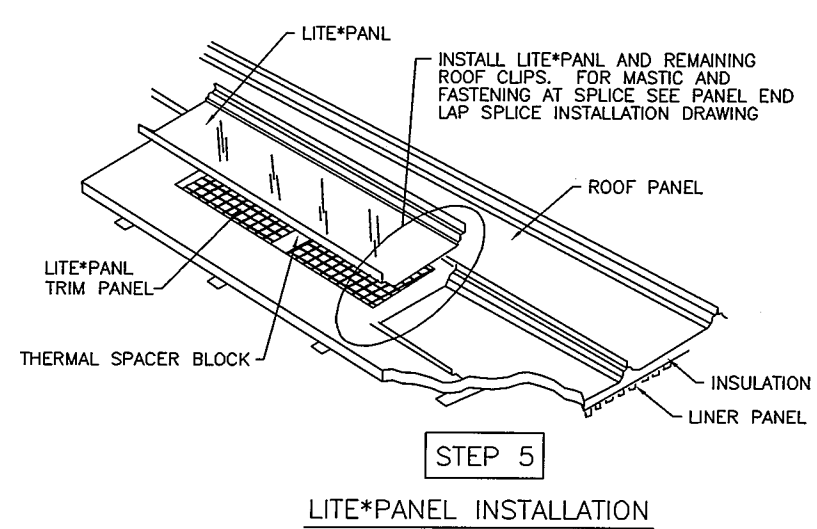
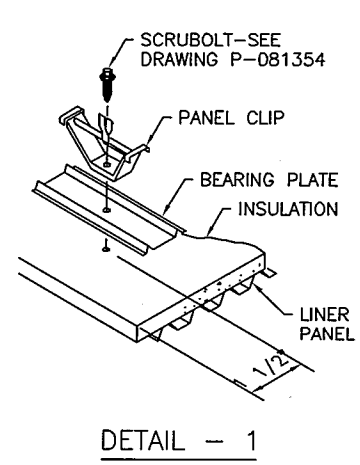
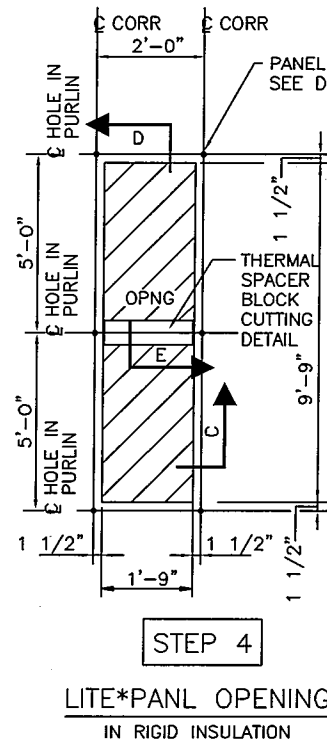
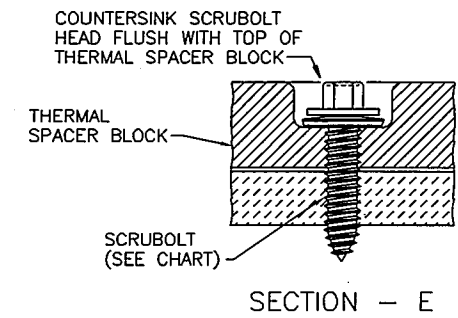
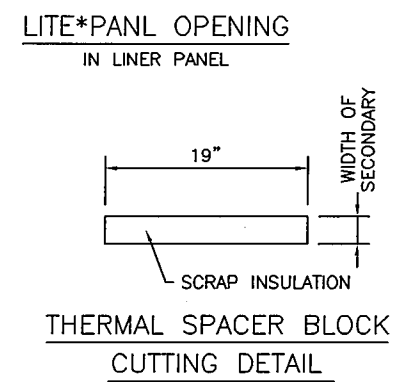
DOUBLE SIDED TAPE (BY OTHERS)

LITE\*PANL TRIM PANEL

SECTION-D

**RUSSELL L. BENTON**  
LICENSE  
No 51155  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
10/19/26

Russell L Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



**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 FOR 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.

**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

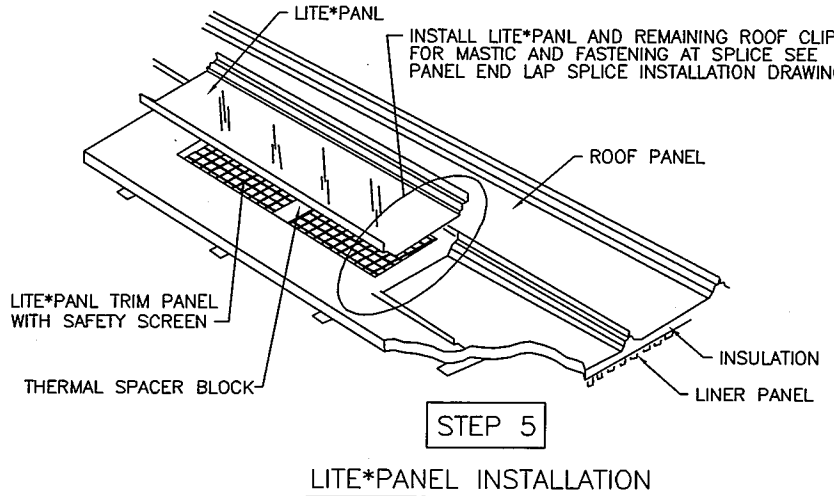
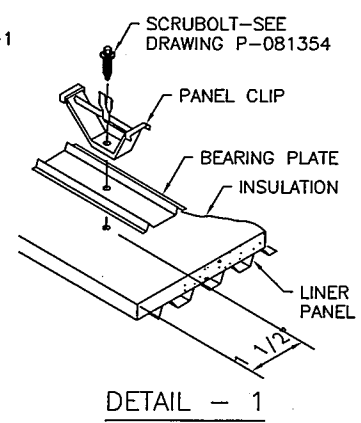
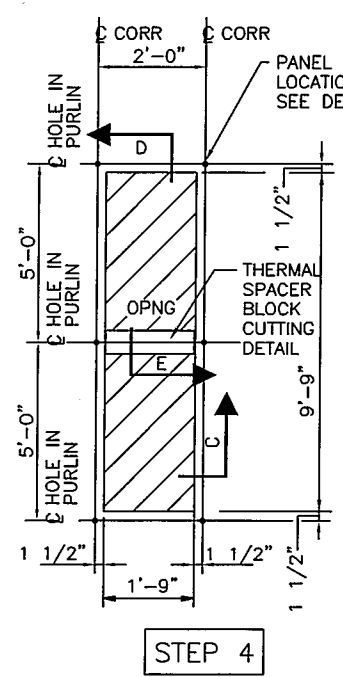
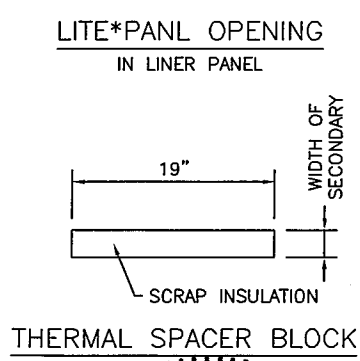
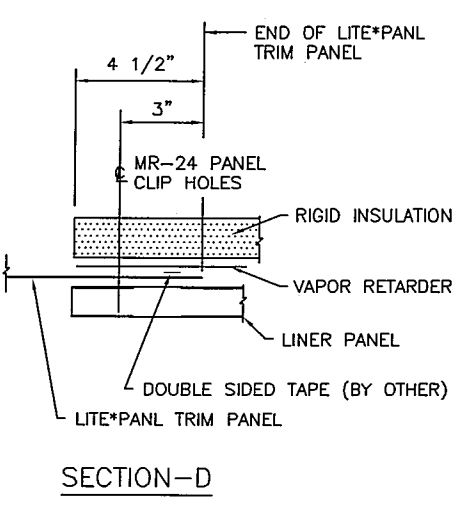
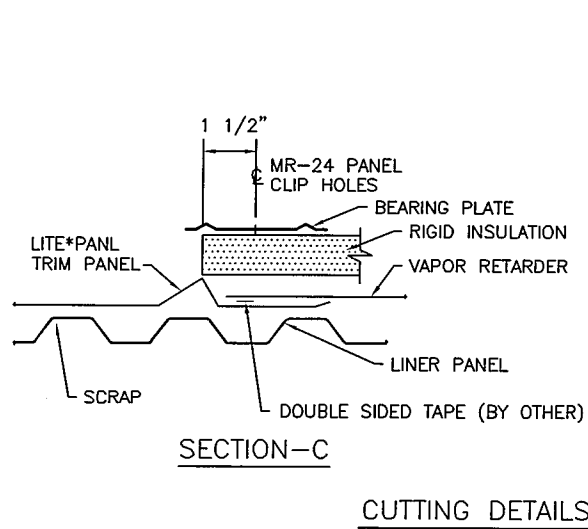
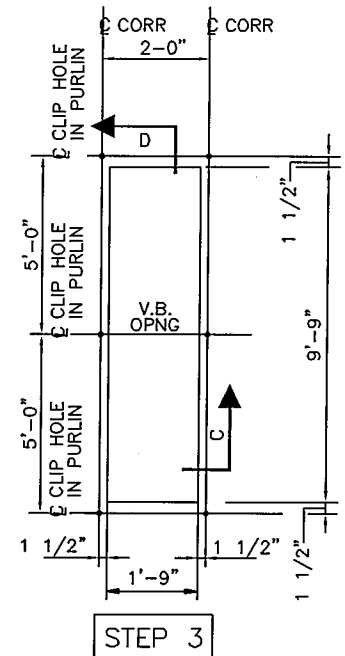
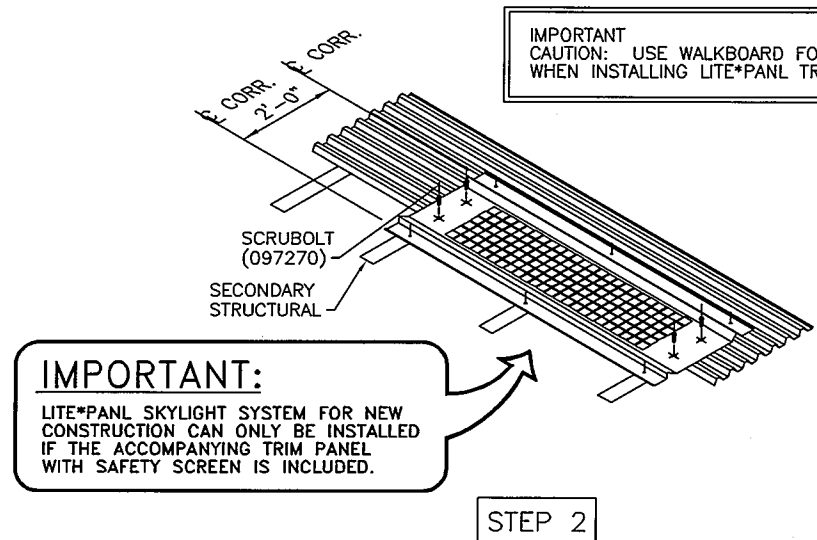
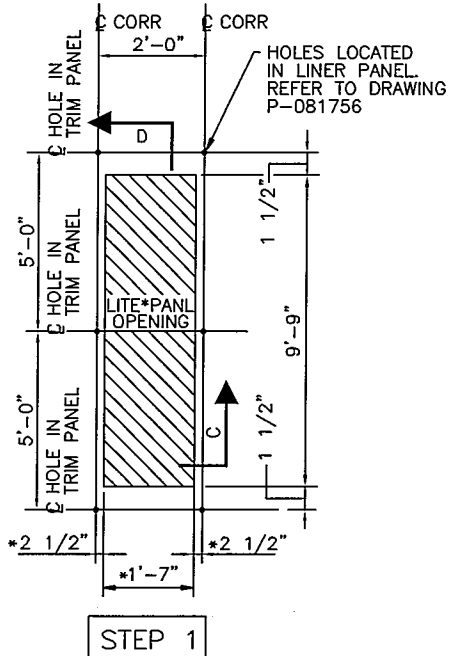
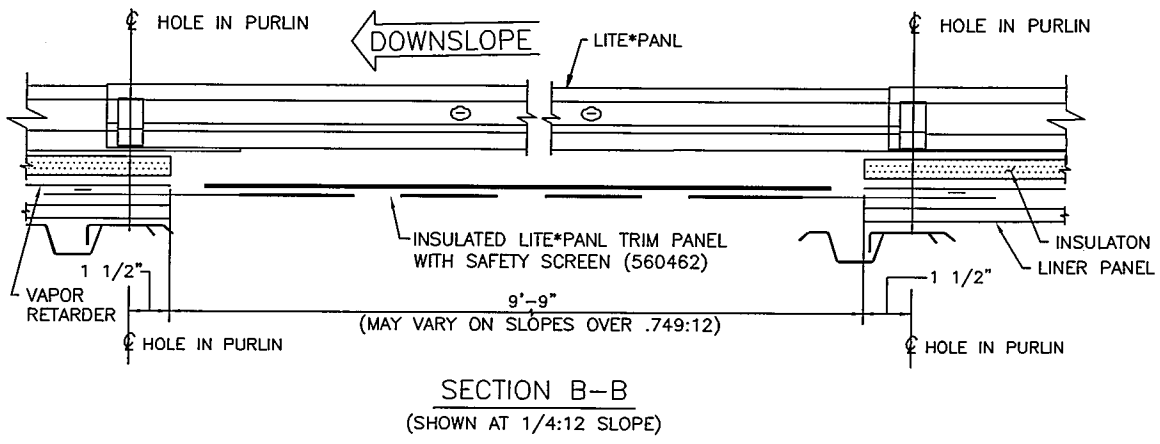
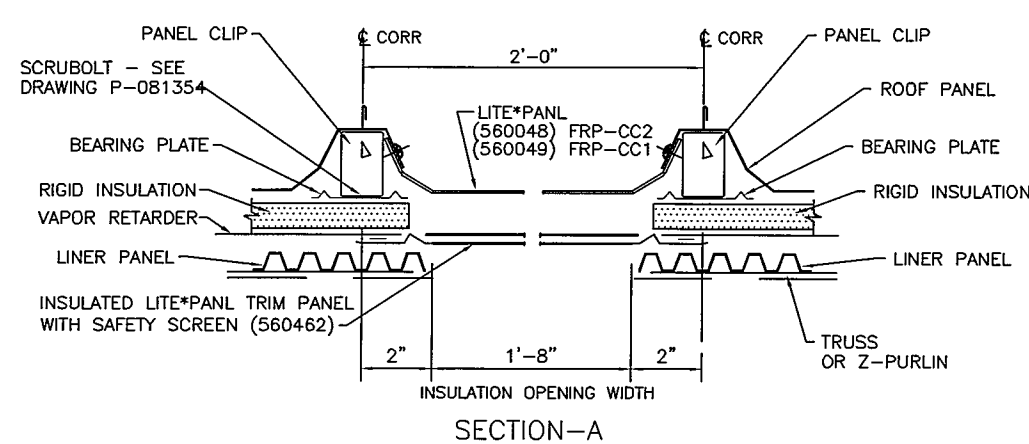
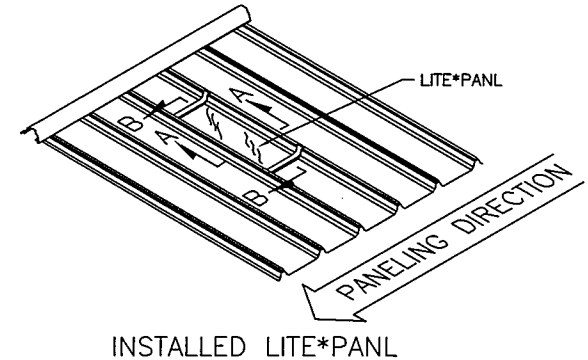
| THERMAL SPACER BLOCK AND SCRUBOLT USAGE CHART |                                 |          |      |
|-----------------------------------------------|---------------------------------|----------|------|
| RIGID INSUL.                                  | CENTER THERMAL SPACER BLOCK     | SCRUBOLT | QTY.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

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



| CMR-24 UNINSULATED LITE*PANL INSTALLATION |                           |                         |             |
|-------------------------------------------|---------------------------|-------------------------|-------------|
| DRAWN BY<br>PDW                           | CHECKED BY<br>RMC         | GROUP NUMBER: 03-011-01 |             |
| FIRST RELEASE DATE<br>01/21/10            | REVISION DATE<br>09/16/26 | B                       | P-081668 07 |

|                                                                                                                                                                                        |               |                                                              |               |                                                                                            |               |                               |               |                           |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------|---------------|-------------------------------|---------------|---------------------------|---------------|
| REVISION NUMBER 5                                                                                                                                                                      | DATE 11/06/18 | REVISION NUMBER 4                                            | DATE 05/04/15 | REVISION NUMBER 3                                                                          | DATE 05/15/14 | REVISION NUMBER 7             | DATE 09/16/26 | REVISION NUMBER 6         | DATE 09/03/20 |
| REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE*PANL CAN ONLY BE INSTALLED IF THE TRIM DWBY (CHKD) PANEL WITH SAFETY SCREEN IS RHE (BSN) INCLUDED AND INSTALLED ENH #24316. |               | CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK PER DR6707." |               | REVISED TO CHANGE DRAWING REFERENCE P-080222 IS BEING OBSOLETE AND REPLACED WITH P-081756. |               | ADDED THE FBC CORROSION NOTE. |               | ADD FLORIDA APPROVAL LOGO |               |
| DWBY (CHKD) RHE (BSN)                                                                                                                                                                  |               | DWBY (CHKD) RHE (BSN)                                        |               | DWBY (CHKD) RHE (BSN)                                                                      |               | DWBY (CHKD) RHE (BSN)         |               | DWBY (CHKD) RHE (BSN)     |               |
| 11/06/18                                                                                                                                                                               |               | 05/04/15                                                     |               | 05/15/14                                                                                   |               | 09/16/26                      |               | 09/03/20                  |               |
| 11/06/18                                                                                                                                                                               |               | 05/04/15                                                     |               | 05/15/14                                                                                   |               | 09/16/26                      |               | 09/03/20                  |               |



**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

- 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.

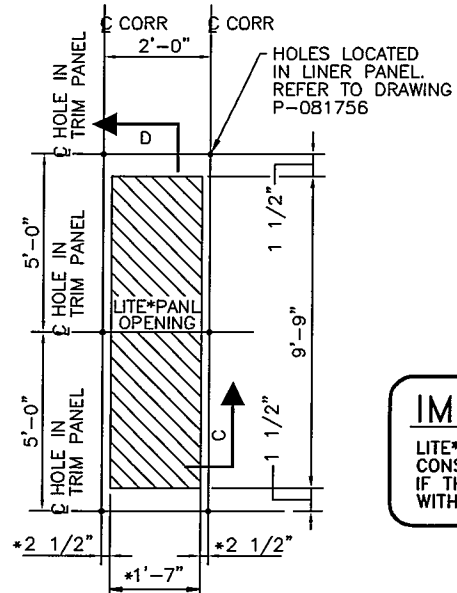
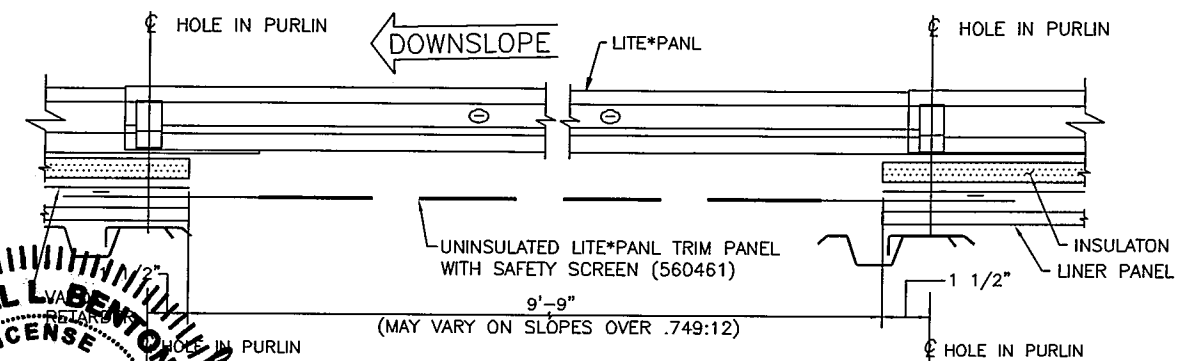
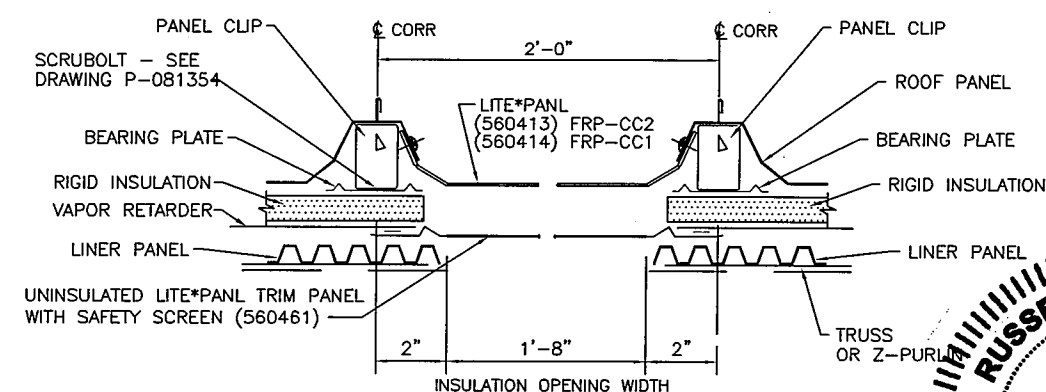
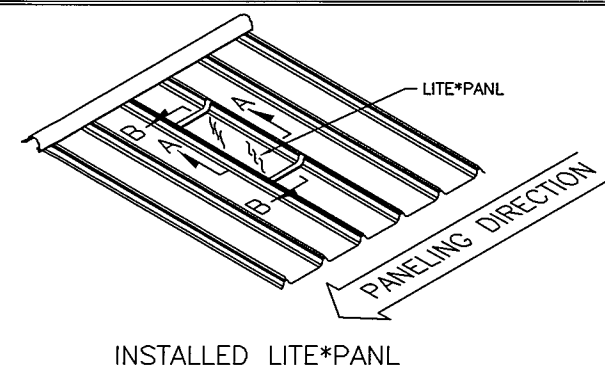
\*\* FOR INSTALLATION IN AREAS WITHIN 3000 FEET OF A SALTWATER COASTLINE, FASTENERS ARE CORROSION RESISTANT AS PER THE FLORIDA BUILDING CODE, SECTION 1711.



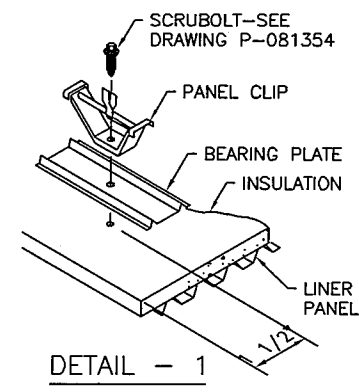
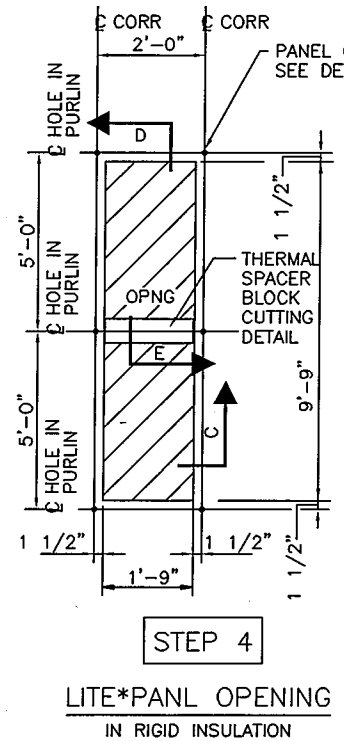
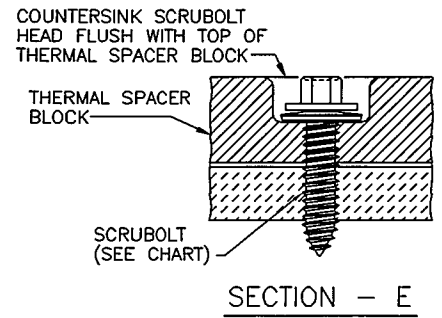
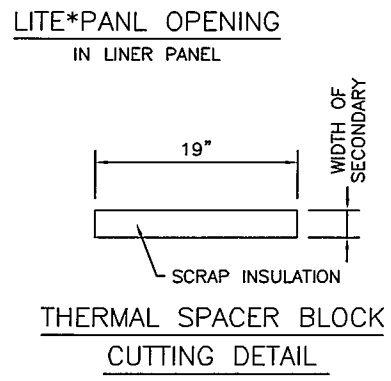
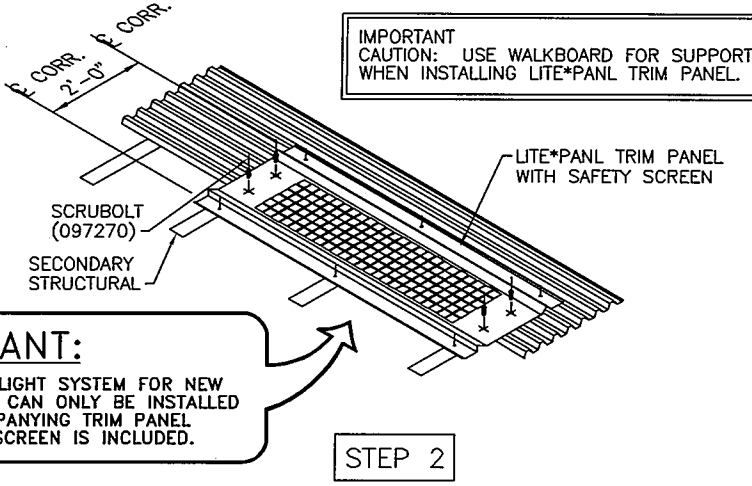
| CMR-24 INSULATED LITE*PANL INSTALLATION |               |                         |             |
|-----------------------------------------|---------------|-------------------------|-------------|
| DRAWN BY                                | CHECKED BY    | GROUP NUMBER: 03-011-01 |             |
| PDW                                     | RMC           |                         |             |
| FIRST RELEASE DATE                      | REVISION DATE | B                       | P-081669 07 |
| 01/21/10                                | 09/16/26      |                         |             |

**Russell L Benton, PE#51155**  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

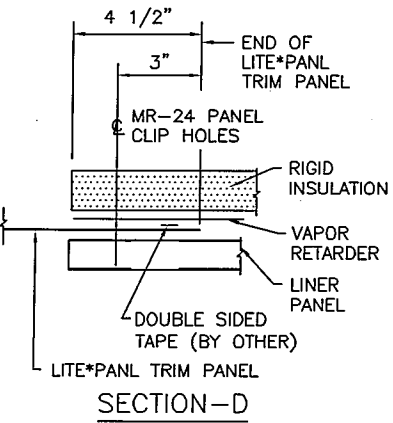
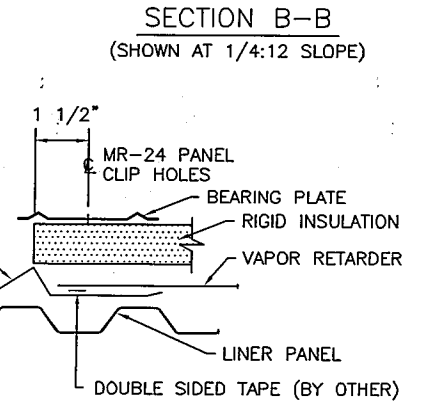
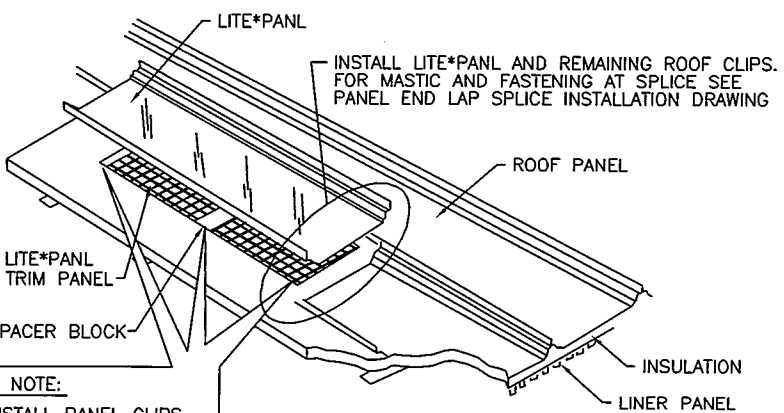
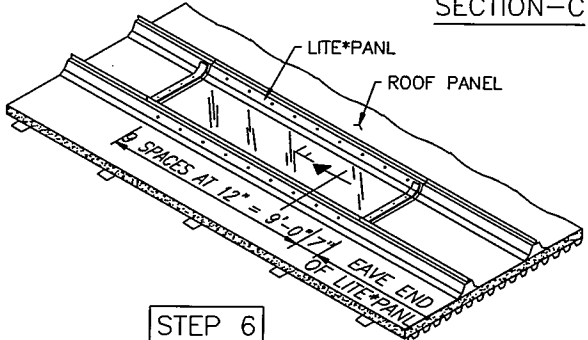
| REVISION NUMBER 5                                           | REVISION NUMBER 4                                                                          | REVISION NUMBER 3                      | REVISION NUMBER 2                       | REVISION NUMBER 1                                                                                                                                                | REVISION NUMBER 0                                                                                                                                                |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATE<br>05/04/15<br>DWBY<br>CHKD<br>RKP                     | DATE<br>05/15/14<br>DWBY<br>CHKD<br>RLB                                                    | DATE<br>09/16/26<br>DWBY<br>CHKD<br>NF | DATE<br>09/03/20<br>DWBY<br>CHKD<br>BSN | DATE<br>11/06/18<br>DWBY<br>CHKD<br>RHE                                                                                                                          | DATE<br>11/06/18<br>DWBY<br>CHKD<br>RHE                                                                                                                          |
| CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER D8707. | REVISED TO CHANGE DRAWING REFERENCE P-080222 IS BEING OBSOLETE AND REPLACED WITH P-081756. | ADDED TH FEC CORROSION NOTE.           | ADD FLORIDA APPROVAL LOGO               | REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE*PANL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENT #24316. | REVISED TO ADD A DISCLAIMER FOR NEW CONSTRUCTION THAT LITE*PANL CAN ONLY BE INSTALLED IF THE TRIM PANEL WITH SAFETY SCREEN IS INCLUDED AND INSTALLED ENT #24316. |



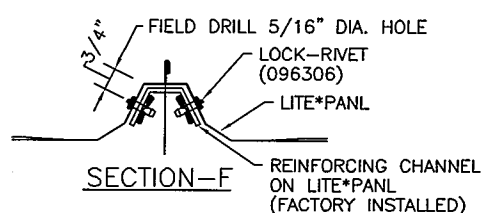
**IMPORTANT:**  
LITE\*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.



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



**CUTTING DETAILS**



**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).

| 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    |

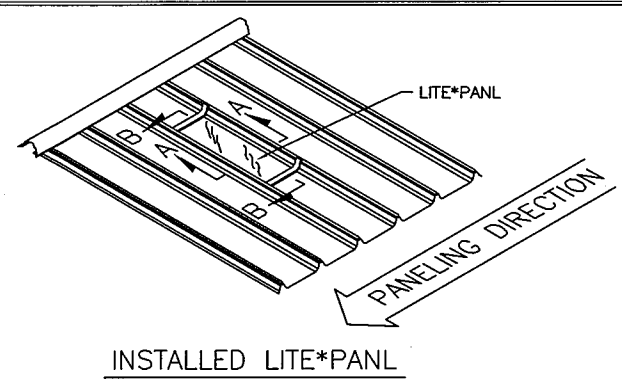
**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

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

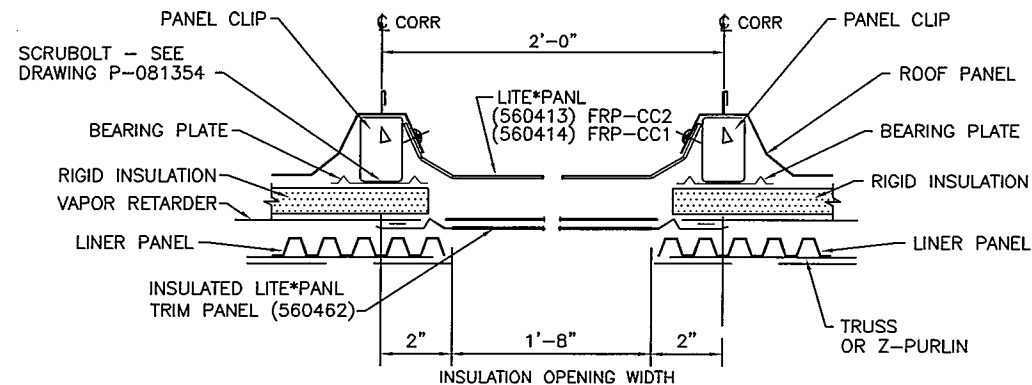


| CMR-24 UL-90 UNINSULATED LITE*PANL INSTALLATION |                           |                         |             |
|-------------------------------------------------|---------------------------|-------------------------|-------------|
| DRAWN BY<br>PDW                                 | CHECKED BY<br>RMC         | GROUP NUMBER: 03-011-01 |             |
| FIRST RELEASE DATE<br>01/21/10                  | REVISION DATE<br>09/16/26 | B                       | P-081670 08 |

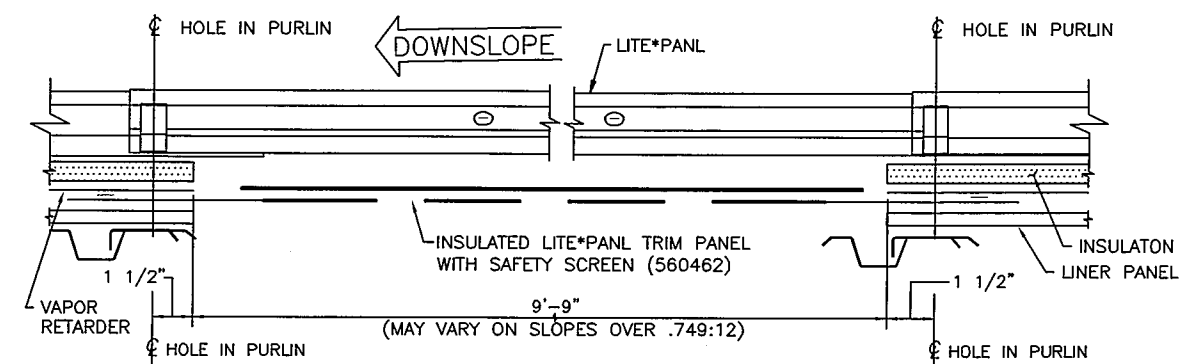
| REVISION NUMBER 6                                                        | REVISION NUMBER 7                                                 | REVISION NUMBER 8                    | REVISION NUMBER 4                                         | REVISION NUMBER 5                                                                             |
|--------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| DATE 11/06/18<br>DWBY CHKD RHE<br>BSN INCLUDED AND INSTALLED ENH #24316. | DATE 09/03/20<br>DWBY CHKD RHE<br>ADD FLORIDA APPROVAL LOGO 24519 | DATE 09/16/26<br>DWBY CHKD NF<br>FBC | DATE 05/15/14<br>DWBY CHKD RHE<br>REPLACED WITH P-081756. | DATE 05/04/15<br>DWBY CHKD ARS<br>CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER D6707. |



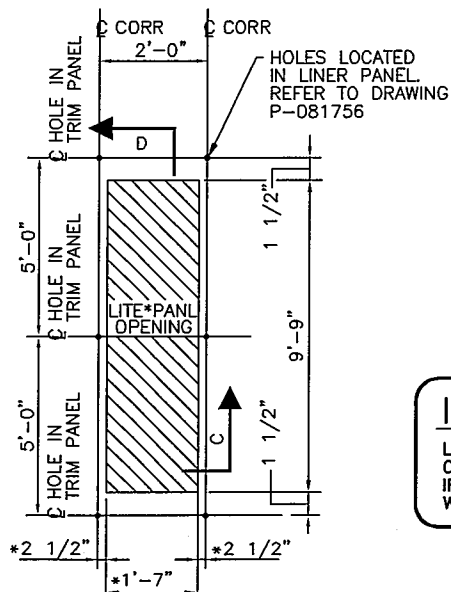
INSTALLED LITE\*PANL



SECTION-A



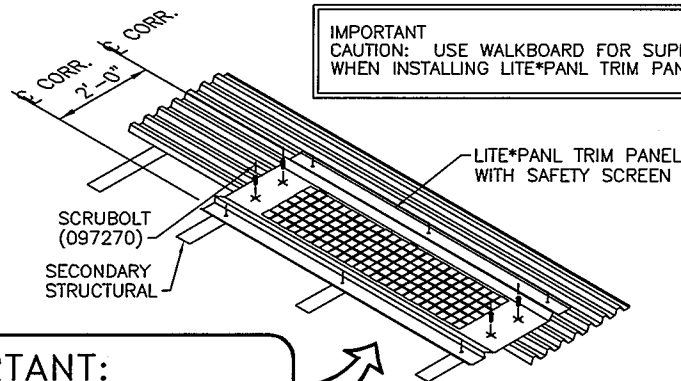
SECTION B-B  
(SHOWN AT 1/4:12 SLOPE)



STEP 1

LITE\*PANL OPENING  
IN LINER PANEL

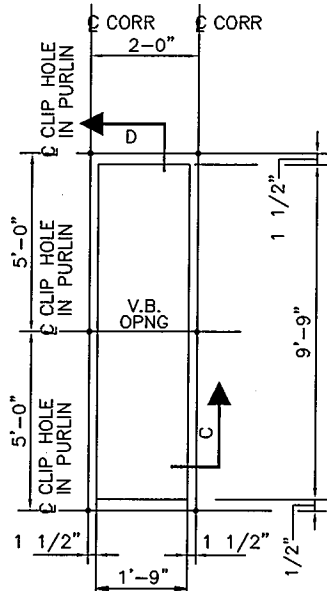
**IMPORTANT:**  
LITE\*PANL SKYLIGHT SYSTEM FOR NEW CONSTRUCTION CAN ONLY BE INSTALLED IF THE ACCOMPANYING TRIM PANEL WITH SAFETY SCREEN IS INCLUDED.



STEP 2

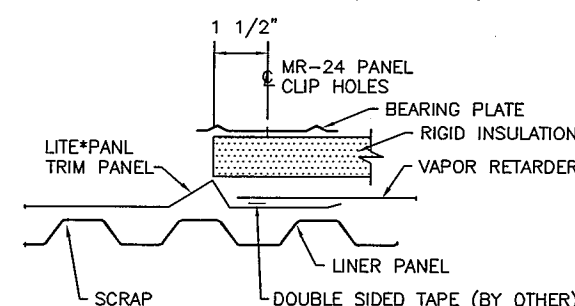
LITE\*PANL TRIM PANEL INSTALLATION

LOCATE LITE\*PANL TRIM PANEL OVER PANEL CLIP HOLES IN SECONDARY STRUCTURALS AND SECURE WITH (4) SCRUBBOLTS (097270).

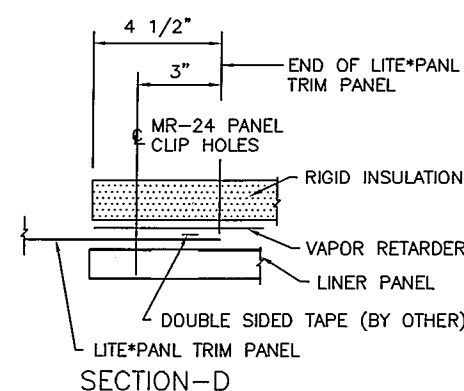


STEP 3

LITE\*PANL OPENING  
IN VAPOR RETARDER

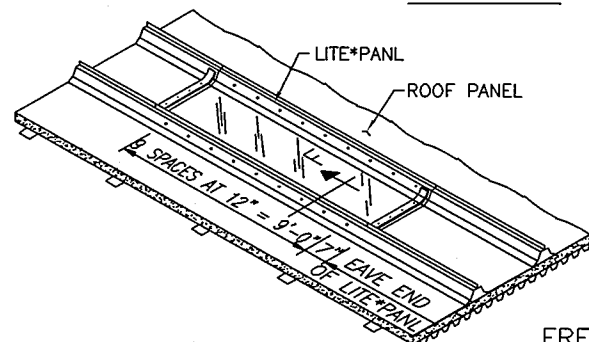


SECTION-C



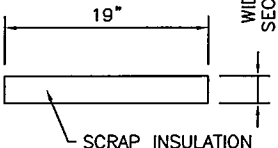
SECTION-D

CUTTING DETAILS



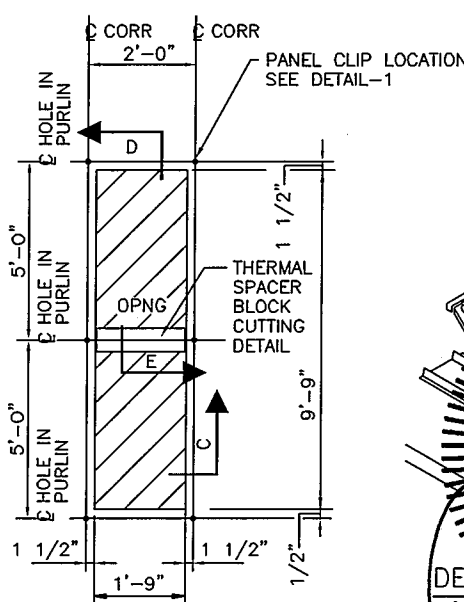
STEP 6

LOCK-RIVET INSTALLATION  
TYPICAL BOTH SIDES



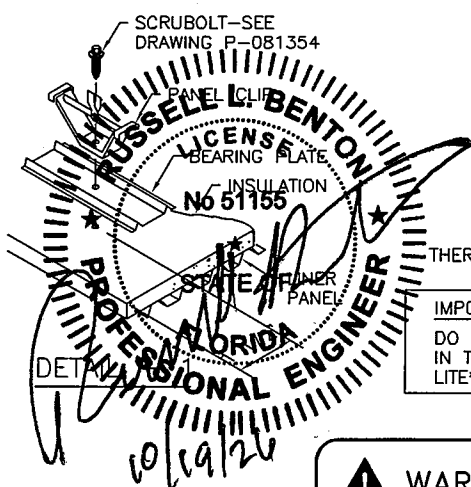
THERMAL SPACER BLOCK  
CUTTING DETAIL

FIELD CUT THERMAL SPACER BLOCK FROM SCRAP INSULATION BOARD AS SHOWN. ATTACH WITH DOUBLE ADHESIVE-BACKED TAPE (BY OTHER) TO THE CLEAR ACRYLIC ON THE LITE\*PANL TRIM PANEL.



STEP 4

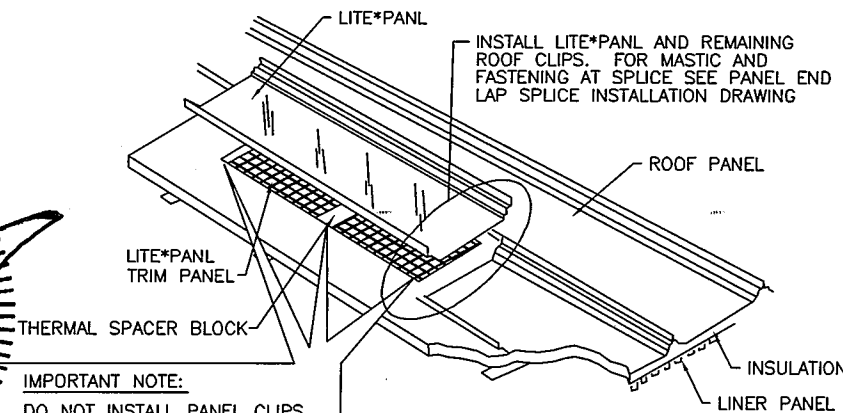
LITE\*PANL OPENING  
IN RIGID INSULATION



Russell L Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030

**WARNING**  
ALWAYS USE FALL PROTECTION WHILE WORKING AROUND ROOF OPENINGS.

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



STEP 5

LITE\*PANL INSTALLATION

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) SCRUBBOLTS (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).



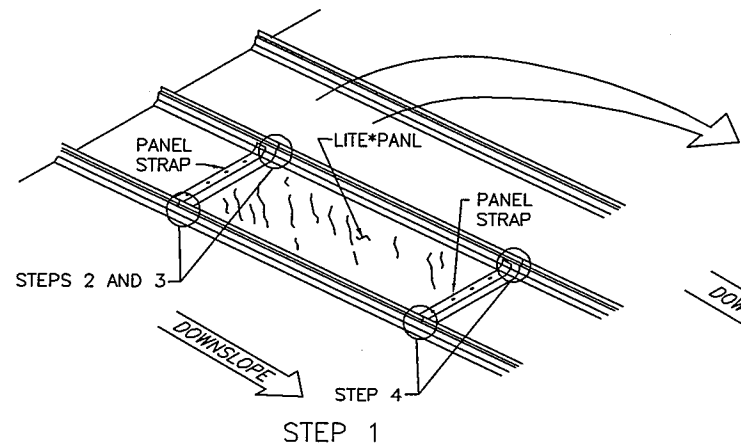
| CMR-24 UL-90 INSULATED LITE*PANL INSTALLATION |                           |                         |             |
|-----------------------------------------------|---------------------------|-------------------------|-------------|
| DRAWN BY<br>PDW                               | CHECKED BY<br>RMC         | GROUP NUMBER: 03-011-01 |             |
| FIRST RELEASE DATE<br>01/21/10                | REVISION DATE<br>09/16/26 | B                       | P-081671 08 |

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

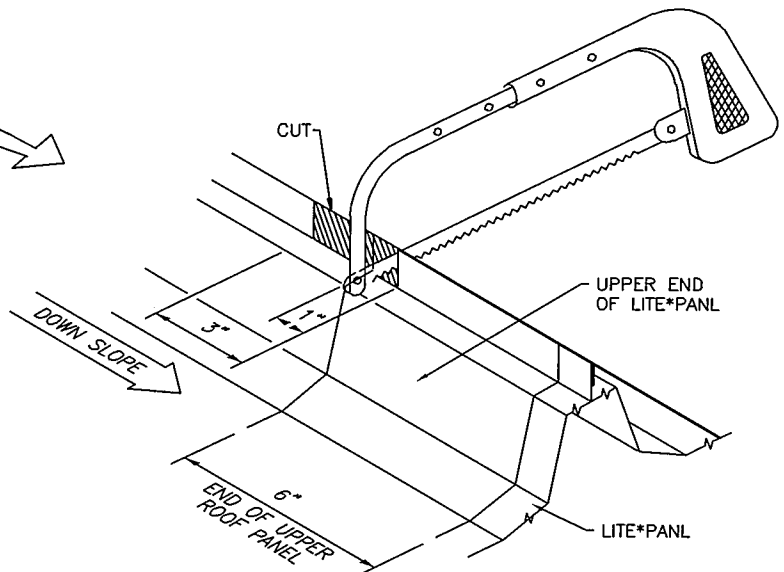
REVISION NUMBER 3  
 DATE 09/16/26  
 DWBY CHKD RLB  
 ADD THE FBC CORROSION NOTE.

REVISION NUMBER 2  
 DATE 09/03/20  
 DWBY CHKD BSN  
 ADD FLORIDA APPROVAL LOGO

REVISION NUMBER 1  
 DATE 12/04/18  
 DWBY CHKD RHE  
 REVISED TO ADD METRIC CALLOUTS AND LAYOUT TABS. ENH #24356.



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

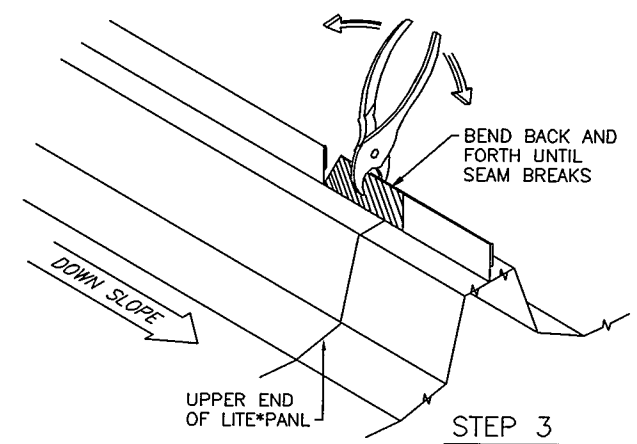


STEP 2

NOTE:  
ENDING NOTCH SHOWN (STARTING NOTCH OPPOSITE)

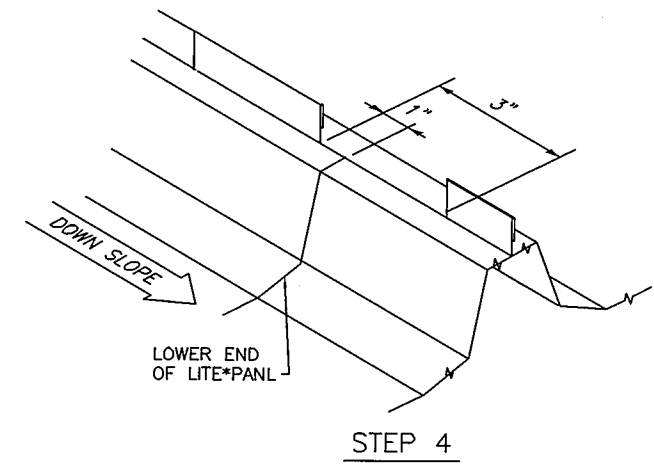
**WARNING**

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

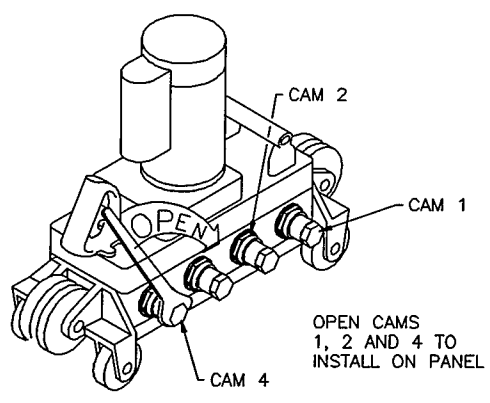


STEP 3

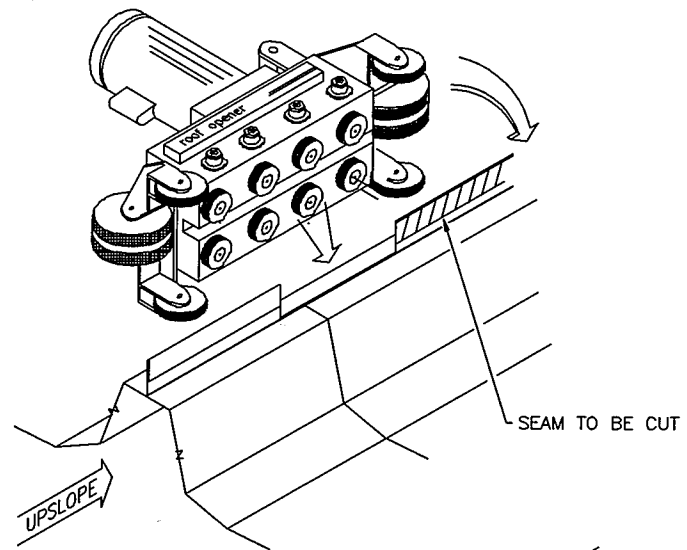
**CAUTION:**  
EXERCISE CARE WHEN WORKING AROUND PANELS WITH CUT EDGES



STEP 4

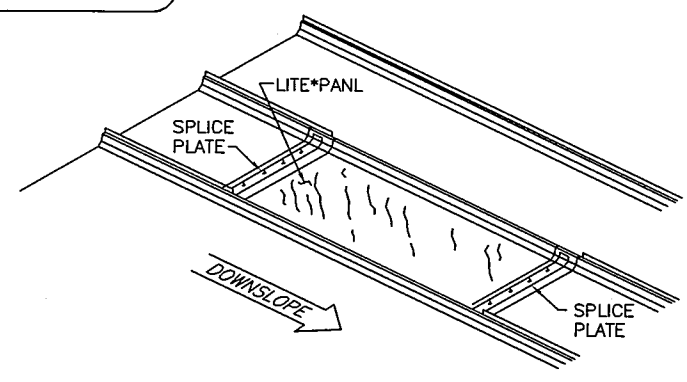


STEP 5  
"ROOF OPENER"



STEP 6

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.



STEP 7

**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".

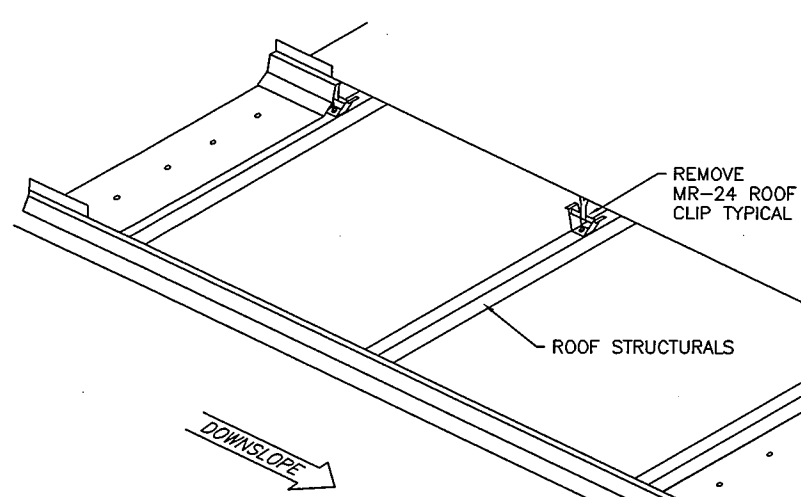
**STEP 6.** PLACE THE "ROOF OPENER" ON THE PANEL CORRUGATION CENTERING IT IN THE NOTCH PROVIDED IN THE SEAM. CLOSE THE THREE CAMS AND RUN THE "ROOF OPENER" UPSLOPE UNTIL THE CUTTING WHEELS FALL INTO THE NOTCH PROVIDED IN THE UPSLOPE OF THE PANEL CORRUGATION. THEN REMOVE THE "ROOF OPENER" AND REPEAT AS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

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

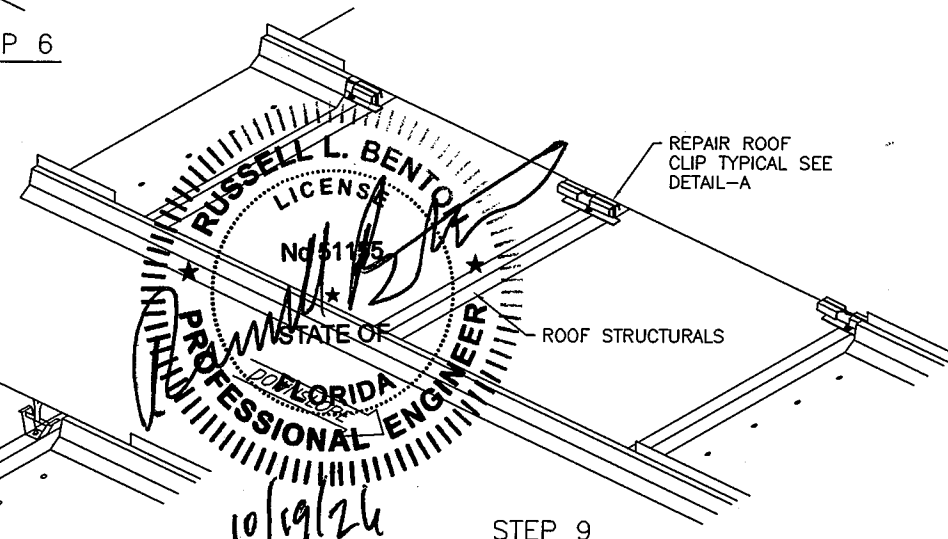
**STEP 8.** REMOVE EXISTING MR-24 ROOF CLIPS.

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

NOTE: SEE DRAWING 1081682 FOR CONTINUING STEPS.

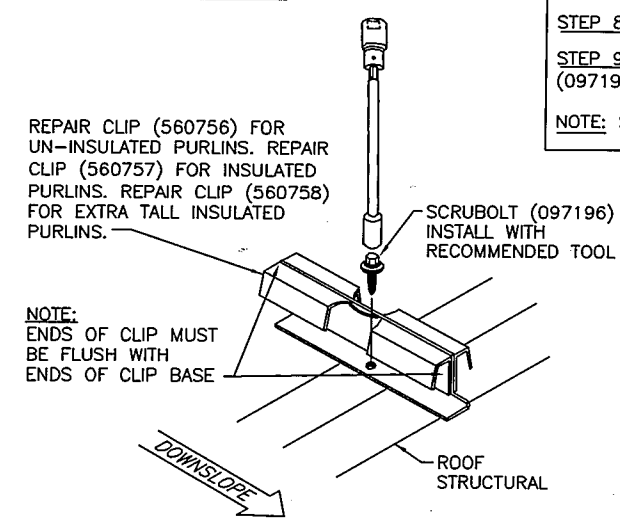


STEP 8



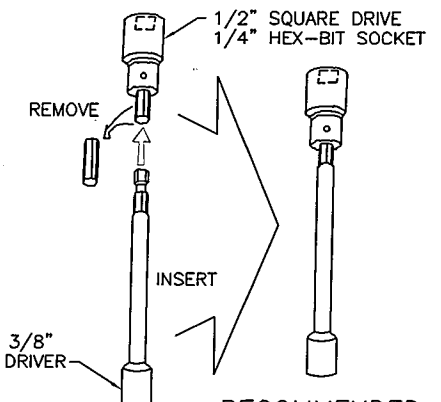
STEP 9

Russell L. Benton, PE#51115  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030



DETAIL-A

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



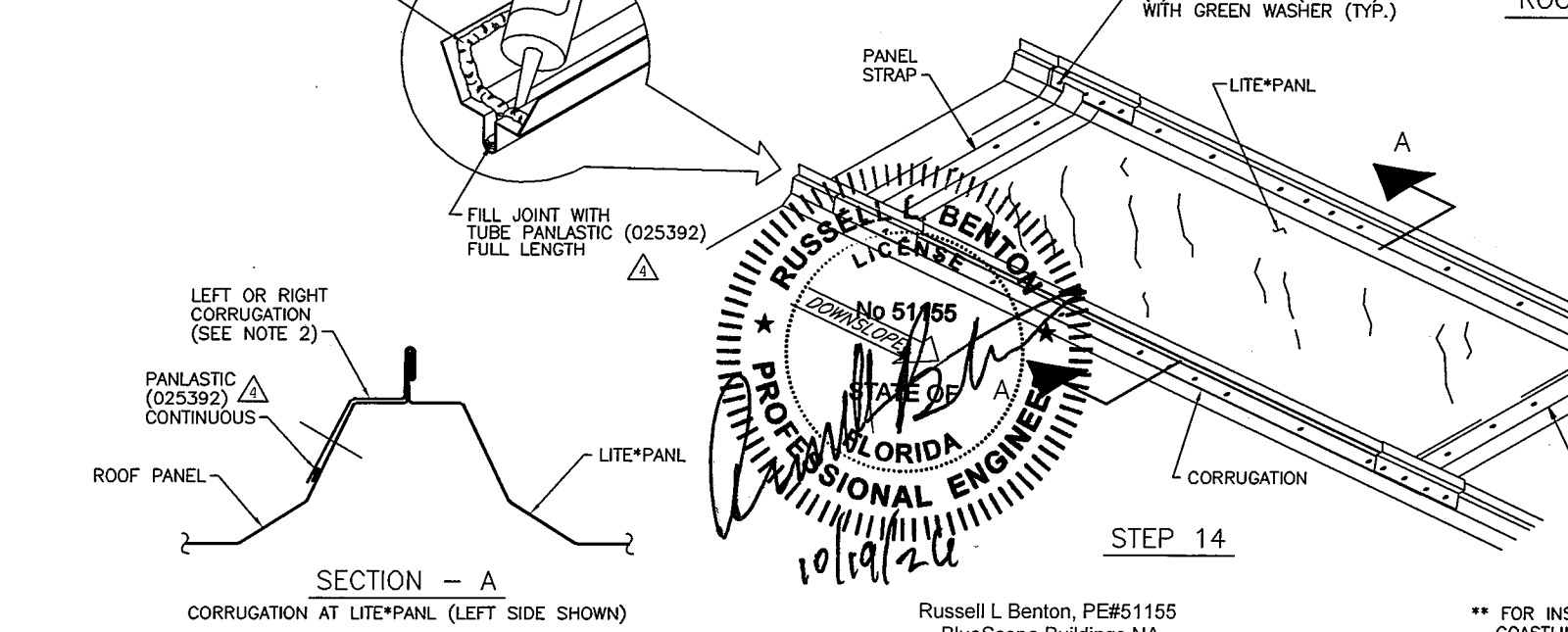
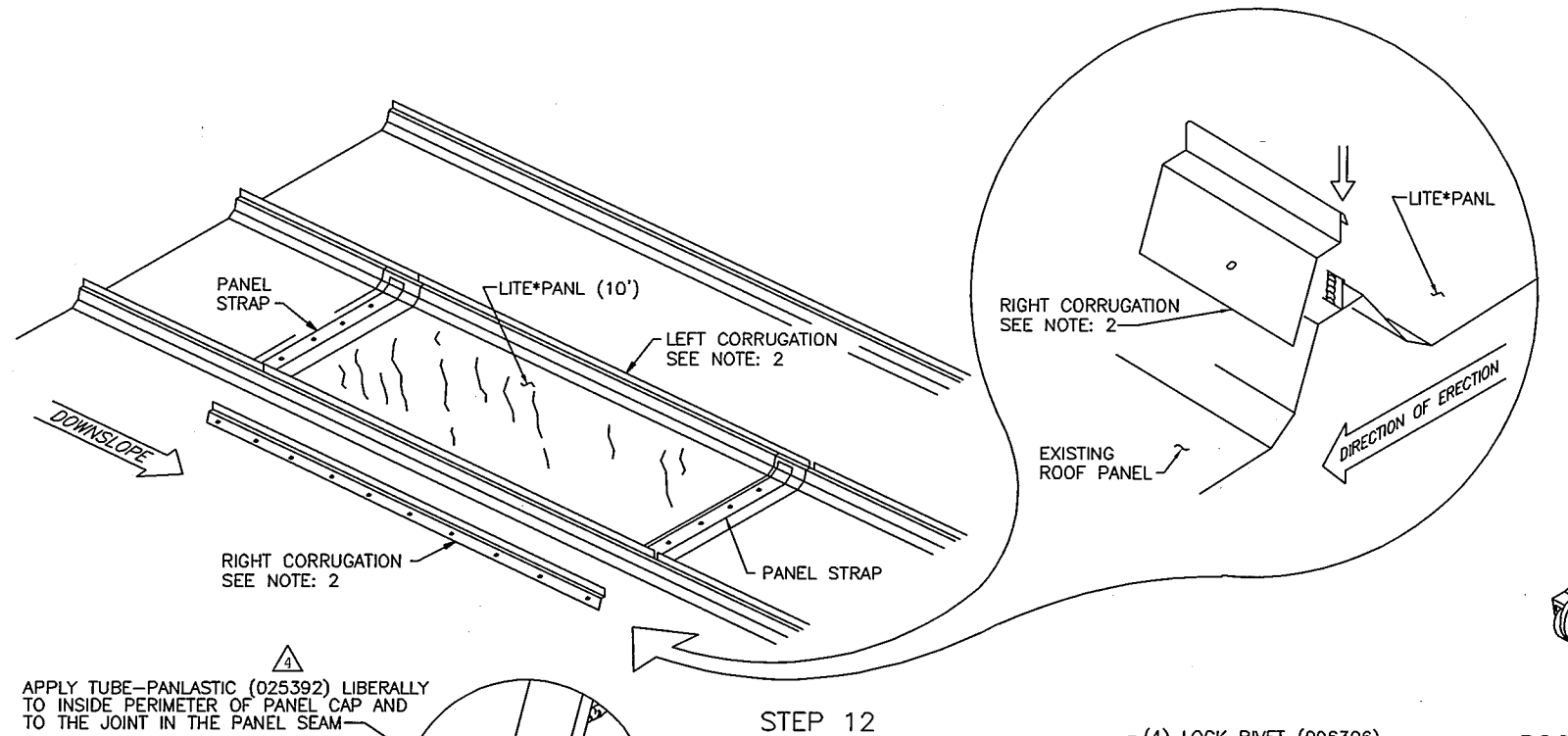
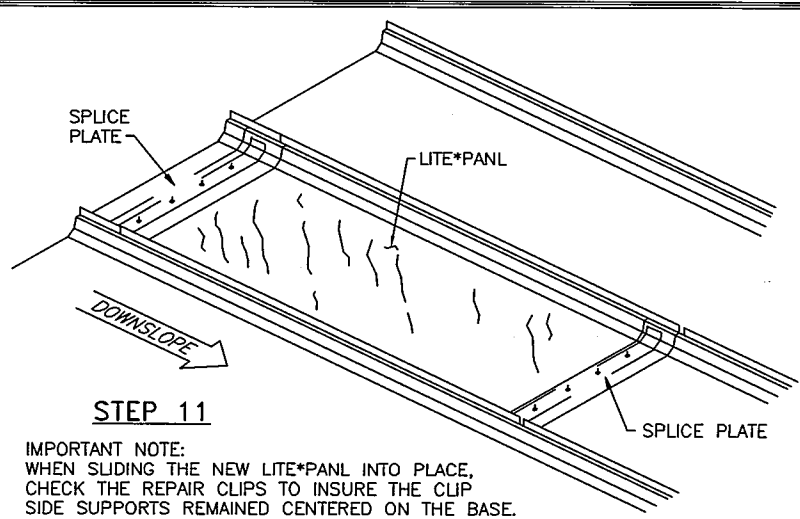
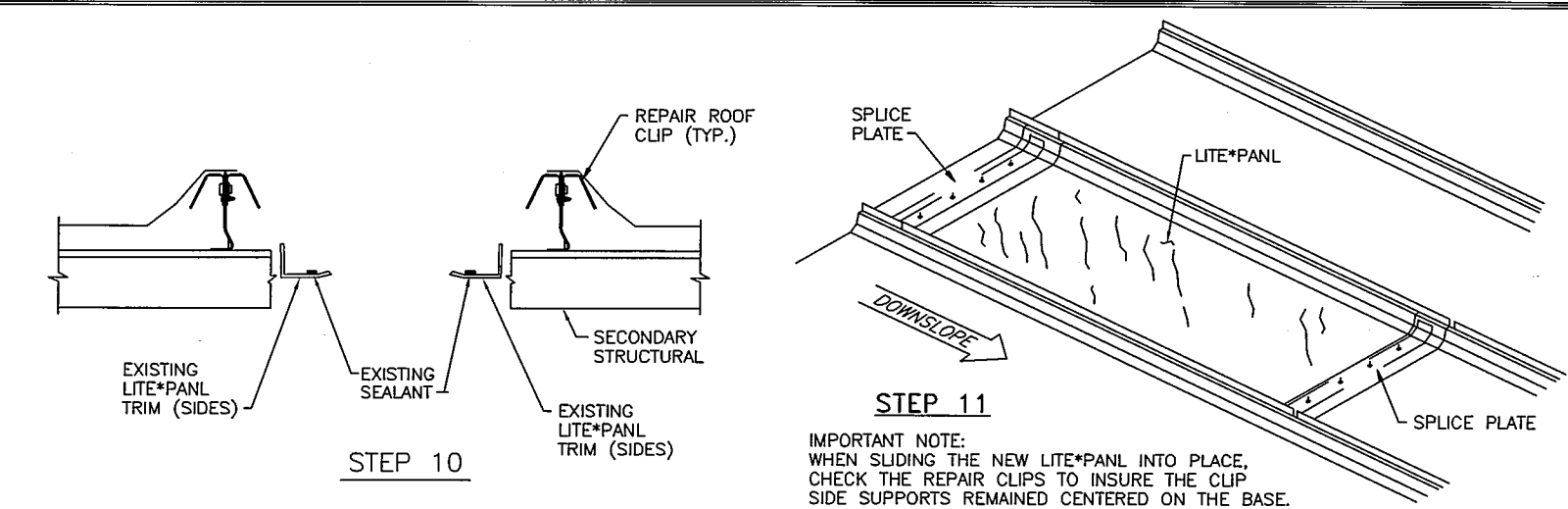
RECOMMENDED  
ASSEMBLED TOOL

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



| MR-24/CMR-24 LITE*PANL REPLACEMENT<br>DRAWING 1 OF 2 |               |                         |             |
|------------------------------------------------------|---------------|-------------------------|-------------|
| DRAWN BY                                             | CHECKED BY    | GROUP NUMBER: 02-030-01 |             |
| BJF                                                  | RHE           |                         |             |
| FIRST RELEASE DATE                                   | REVISION DATE |                         |             |
| 01/21/10                                             | 09/16/26      |                         |             |
|                                                      |               | B                       | P-081681 03 |

| REVISION NUMBER 5             |          | REVISION NUMBER 4                                                          |          | REVISION NUMBER 3                                                                |          | REVISION NUMBER 2         |          | REVISION NUMBER 1                                           |          |
|-------------------------------|----------|----------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------|----------|---------------------------|----------|-------------------------------------------------------------|----------|
| ADDED THE FBC CORROSION NOTE. |          | REVISE SEALANT CALLOUTS OF TUBE-PANLASTIC FROM 016688 TO 025392 PER 203106 |          | USER STORY 163254 REVISE INCORRECT PLANO NUMBER IN INSTALLATION DRAWING SCHEDULE |          | ADD FLORIDA APPROVAL LOGO |          | CHANGED "SPACER BLOCK" TO "THERMAL SPACER BLOCK" PER 06707. |          |
| DATE                          | 09/10/26 | DATE                                                                       | 09/30/24 | DATE                                                                             | 06/30/23 | DATE                      | 09/03/20 | DATE                                                        | 05/05/15 |
| DWBY                          | CHKD     | DWBY                                                                       | CHKD     | DWBY                                                                             | CHKD     | DWBY                      | CHKD     | DWBY                                                        | CHKD     |
| RLB                           | NF       | BEG                                                                        | NF       | URS                                                                              | ARS      | BSN                       | RLB      | ARS                                                         | RKP      |



# 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) TINNEDMAN 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.

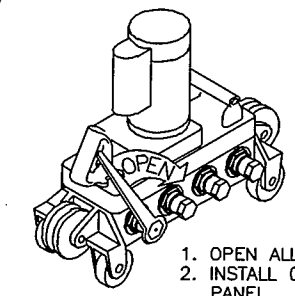
STEP 14. INSTALL A PANEL RIB CAP AT EACH CORNER OF THE LITE\*PANL. FIELD CUT PANEL RIB CAP (PC2) INTO (2) 1'-0" PIECES. APPLY PANLASTIC TO PANEL NOTCH AT JOINT AND UNDERSIDE OF CAP. LOCATE THE RIB CAP UNDER THE PANEL STRAP AND CENTERED ON THE REPAIR CLIP. FIELD DRILL (4) 5/16 DIAMETER HOLES TOWARDS THE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

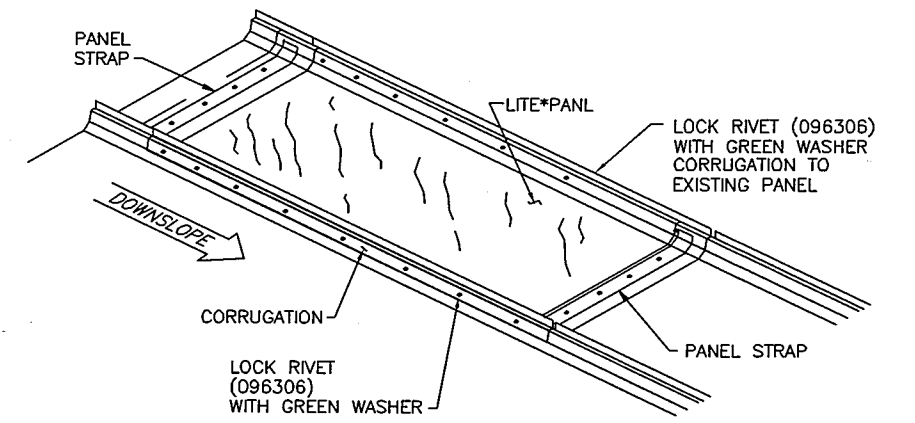
NOTE:  
1. SEE DRAWING P-081681 FOR STEPS 1 THROUGH 9.  
2. LEFT AND RIGHT CORRUGATION PARTS ARE AVAILABLE FOR DIRECT ORDER THROUGH BUTLER'S PURCHASING DEPARTMENT.  
3. SEE APPROPRIATE DRAWING FROM SCHEDULE BELOW FOR ADDITIONAL INSTALLATION INFORMATION.

| 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-081660              | P-081661            | P-081664                      | P-081665                    |
| INSULATED PURLIN                                   | P-081662              | P-081663            | P-081666                      | P-081667                    |

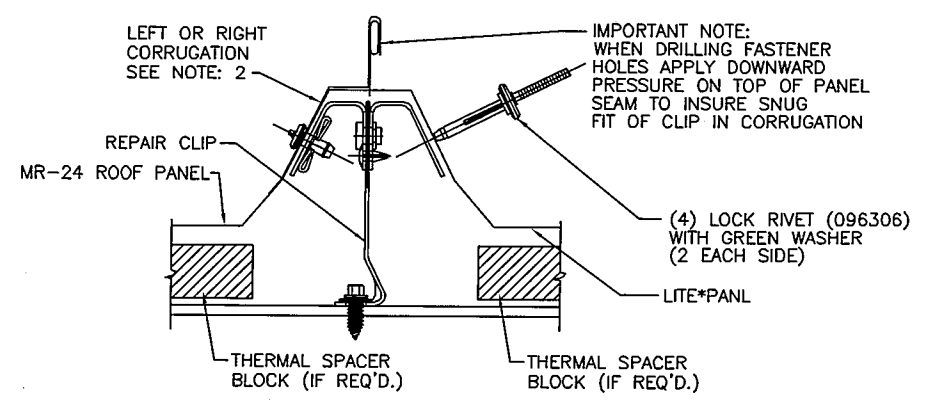
| CMR-24 ROOF LITE*PANL INSTALLATION DRAWING SCHEDULE |                     |                               |                             |
|-----------------------------------------------------|---------------------|-------------------------------|-----------------------------|
| UNINSULATED LITE*PANL                               | 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<br>DRAWING 2 OF 2 |               |                         |  |
|------------------------------------------------------|---------------|-------------------------|--|
| DRAWN BY                                             | CHECKED BY    | GROUP NUMBER: 02-030-01 |  |
| BJF                                                  | RHE           |                         |  |
| FIRST RELEASE DATE                                   | REVISION DATE |                         |  |
| 01/21/10                                             | 09/16/26      |                         |  |

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

Russell L. Benton, PE#51155  
BlueScope Buildings NA  
13500 Botts Rd  
Grandview, MO 64030