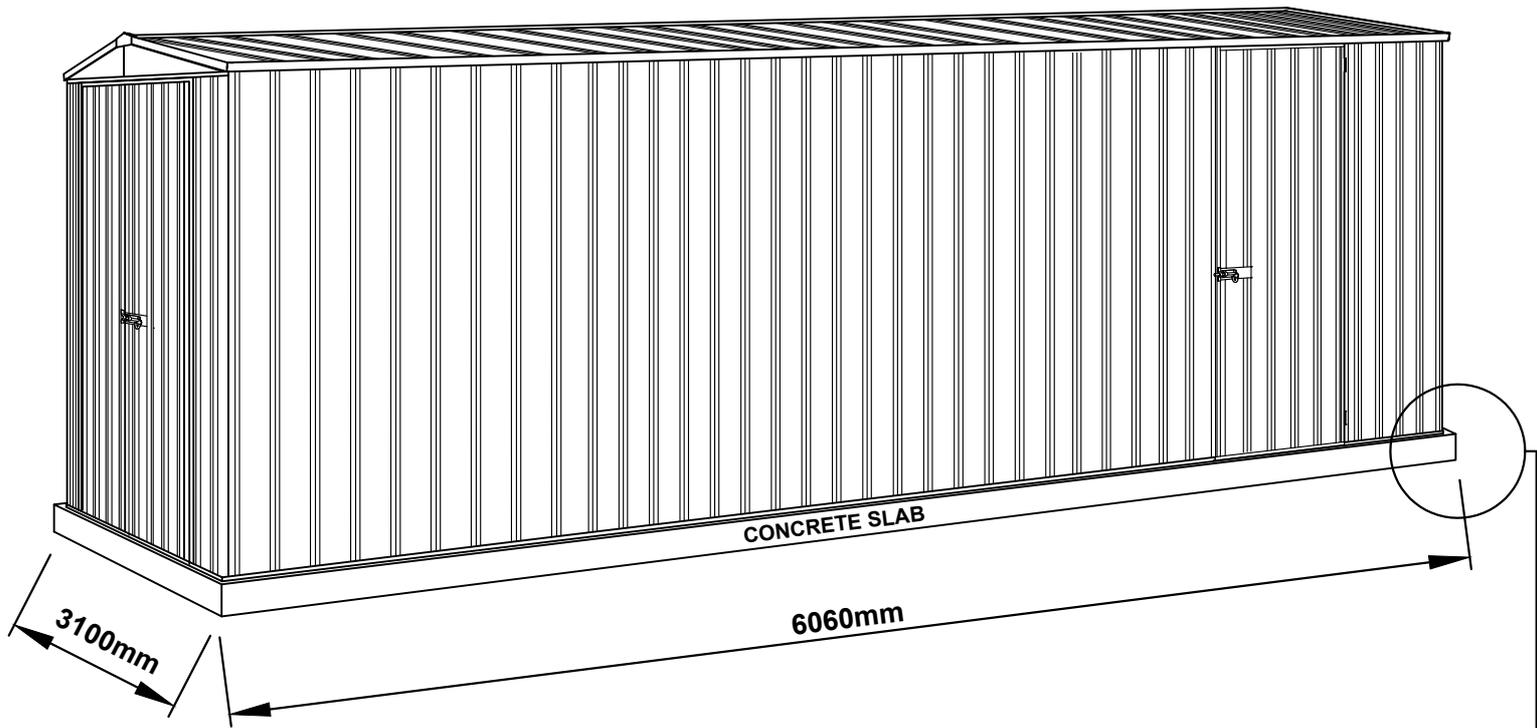


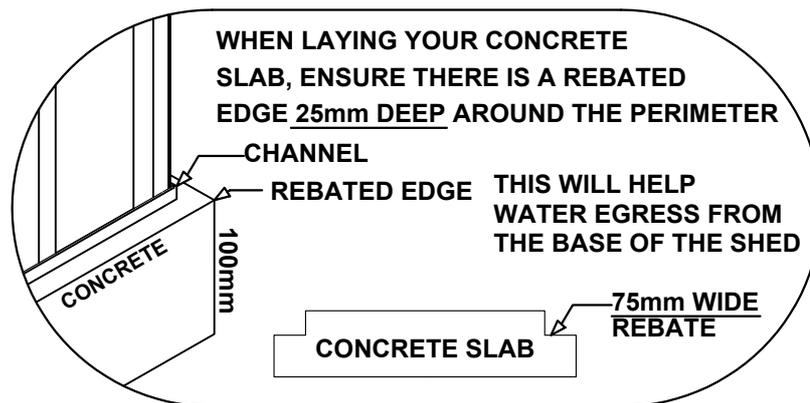
日本改定日2021/4/28

**FOR CONSTRUCTION IN  
NON-CYCLONIC AREAS  
WIND RATING: W33N (N2)**

**FRONT: 5.96m  
SIDE: 3.00m  
HEIGHT: 2.3m**



Quality  
ISO 9001



**We thank you for choosing an Australian made shed. For further assistance please visit our detailed instructional video library at [Http://www.abscosheds.com.au/watch-videos](http://www.abscosheds.com.au/watch-videos)**

**At ABSCO Industries we are always looking to be number ONE, so please let us know what you think of our instructions. Feedback makes us better.  
[feedback@absco.com.au](mailto:feedback@absco.com.au)**



## GENERAL INSTRUCTIONS

- Before commencing any assembly, read through these instructions in detail to gain a thorough understanding of assembly methods and associated details.
- Unpack the carton and carefully identify and check off all the parts against the parts described and illustrated on the following pages.
- Local Authority approval must be obtained prior to construction of the shed. Once you have selected your site you will need to lodge a site plan to your local council

## SITE PREPARATION

- The site for the shed must be level. An uneven surface may result in misalignment of parts.
- It is recommended that the shed be set on a 100mm rebated concrete slab and anchored down appropriately (refer to last page for details). A flat slab with a chamfered edge can be used but will not result in optimum results. IF USING A REBATE ENSURE ALL FRAME UPRIGHTS ARE TRIMMED 25mm.
- Anchor sets are not supplied as standard items with this product as some customers wish to use their own anchoring systems.

## TOOLS REQUIRED



## A NOTE ON SAFETY

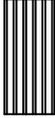
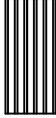
- Some parts may have sharp edges. It is advisable to wear gloves when handling these items and safety glasses if drilling holes. Sensible shoes are highly recommended.
- Do not erect your shed in windy conditions, ensure that the shed is securely anchored to a solid foundation immediately after construction is completed.
- It is highly recommended to erect the shed with two or more people.



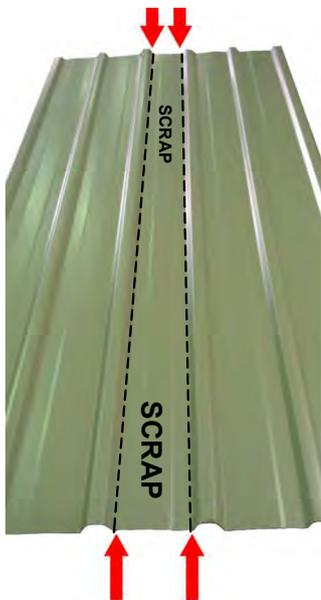


### SPLIT SHEET H39 INTO H39B SHEETS

- This ABSCO products comes with a perforated sheet (H39) that is designed to be split into two smaller sheets (H39B)

| SPLITTING SHEET H39 |   |          |   |     |   |          |
|---------------------|---|----------|---|-----|---|----------|
| QTY                 | COMPONENT DESCRIPTION   | PART No. |   | QTY | COMPONENT DESCRIPTION   | PART No. |
| 1                   |  STEEL SHEET<br>2034mm X 773mm | H39      | = | 2   |  STEEL SHEET<br>2034mm X 329mm | H39B     |

- THESE SHEETS HAVE SHARP EDGES. ONCE SEPARATED PLEASE USE APPROPRIATE FOOT AND HAND PROTECTION WHEN HANDLING.
- In order to split the sheet lay it on the ground and lift and fold one end until the perforations have cleanly snapped.
- Discard the middle piece as scrap when convenient. Fold the scrap piece in half 2-3 times and throw in bin.



**CHECK SHEET  
FOR  
PERFORATIONS**



**FOLD FIRST  
SECTION OF  
SHEET UNTIL  
FREE**



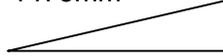
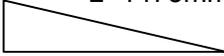
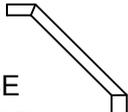
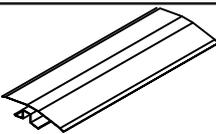
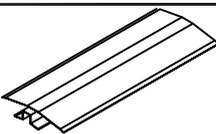
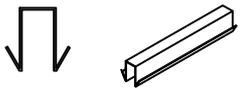
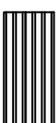
**FOLD MIDDLE  
SECTION OF  
SHEET UNTIL  
FREE**



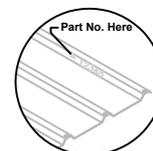
**DISCARD MIDDLE  
PIECE**



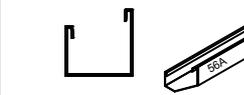
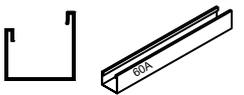
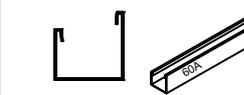
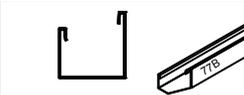
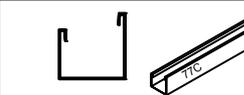
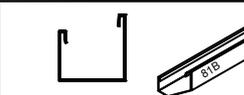
### COMPONENTS PACKING LIST - CHECK OFF ALL COMPONENTS

| MAIN PACK CARTON (PACK 1 OF 3) |   |          |       |     |   |          |       |
|--------------------------------|---|----------|-------|-----|---|----------|-------|
| QTY                            | COMPONENT DESCRIPTION   | PART No. | CHECK | QTY | COMPONENT DESCRIPTION   | PART No. | CHECK |
| 2                              |  STEEL SHEET<br>1974mm X 773mm   | H26      |       | 2   | GABLE L/H<br>L=1475mm<br>                   | 16L      |       |
| 1                              |  STEEL SHEET<br>1974mm X 773mm   | F        |       | 2   | GABLE R/H<br>L=1475mm<br>                   | 16R      |       |
| 16                             |  STEEL SHEET<br>1546mm X 773mm   | 45A      |       | 2   | <br>BRACE<br>L= 393mm                      | 13A      |       |
| 2                              |  STEEL SHEET<br>2034mm X 329mm | H39B     |       | 2   |  RIDGE BEAM<br>L = 1521mm                 | 97AL     |       |
| 2                              |  STEEL SHEET<br>1974mm X 711mm | H37      |       | 2   |  RIDGE BEAM<br>L = 1521mm                 | 97AR     |       |
| 1                              |  STEEL SHEET<br>2034mm X 731mm | H32      |       | 3   | <br>RIDGE BEAM JOINER<br>L: 450mm (17.7") | ZARSP    |       |
| 1                              |  STEEL SHEET<br>2034mm X 731mm | H33      |       |     |   |          |       |
| 1                              | FITTINGS & ACCESSORIES<br>PACKET (SEE PAGES 6 & 7)  |          |       | 1   | CHANNEL SET<br>PACKET (SEE PAGES 4 & 5)   |          |       |

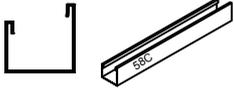
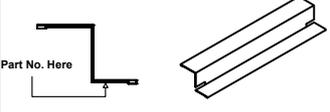
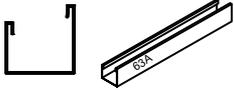
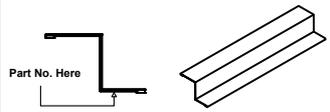
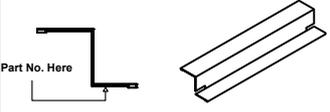
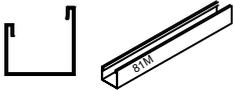
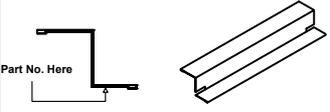
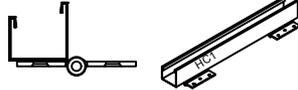
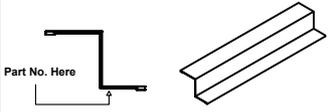
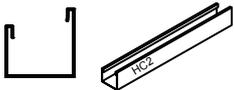
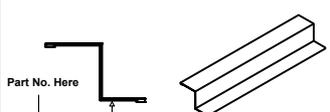
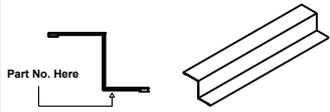
**ALL SHEETS HAVE PART NO.S LOCATED ON  
LOWER RIGHT OR UPPER LEFT CORNER OF  
COLORED SIDE AS SHOWN**



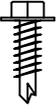
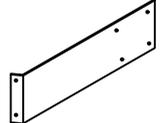
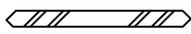
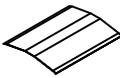
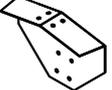
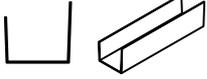
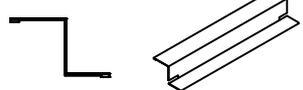
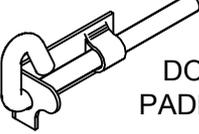
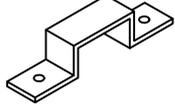

**COMPONENTS PACKING LIST - (CONT.) CHECK OFF ALL COMPONENTS**

| CHANNEL SET |  |          |       |          |   |          |       |
|-------------|--|----------|-------|----------|---|----------|-------|
| QTY         | COMPONENT DESCRIPTION  | PART No. | CHECK | QTY      | COMPONENT DESCRIPTION   | PART No. | CHECK |
| <b>3</b>    | <br>CHANNEL<br>L = 1496.5mm   | 55BL     |       | <b>3</b> | <br>CHANNEL<br>L = 1496.5mm   | 55BR     |       |
| <b>1</b>    | <br>CHANNEL<br>L = 1496.5mm   | 56AL     |       | <b>1</b> | <br>CHANNEL<br>L = 1496.5mm   | 56AR     |       |
| <b>1</b>    | <br>CHANNEL<br>L = 1496.5mm   | 56BL     |       | <b>1</b> | <br>CHANNEL<br>L = 1496.5mm   | 56BR     |       |
| <b>4</b>    | <br>CHANNEL<br>L = 1496.5mm | 60AL     |       | <b>4</b> | <br>CHANNEL<br>L = 1496.5mm | 60AR     |       |
| <b>1</b>    | <br>CHANNEL<br>L = 1496.5mm | 77BL     |       | <b>1</b> | <br>CHANNEL<br>L = 1496.5mm | 77BR     |       |
| <b>1</b>    | <br>CHANNEL<br>L = 1496.5mm | 77CL     |       | <b>1</b> | <br>CHANNEL<br>L = 1496.5mm | 77CR     |       |
| <b>5</b>    | <br>CHANNEL<br>L = 1496.5mm | 81AL     |       | <b>5</b> | <br>CHANNEL<br>L = 1496.5mm | 81AR     |       |
| <b>3</b>    | <br>CHANNEL<br>L = 1496.5mm | 81BL     |       | <b>3</b> | <br>CHANNEL<br>L = 1496.5mm | 81BR     |       |

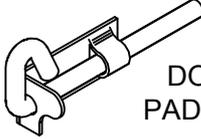
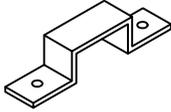
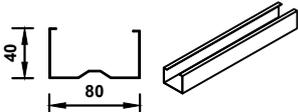
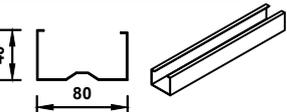
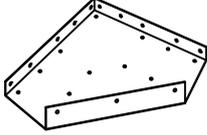
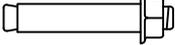
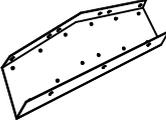
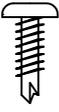
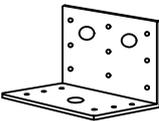

**COMPONENTS PACKING LIST - (CONT.) CHECK OFF ALL COMPONENTS**

| CHANNEL SET (CONTINUED) |  |          |       |     |   |          |       |
|-------------------------|--|----------|-------|-----|---|----------|-------|
| QTY                     | COMPONENT DESCRIPTION  | PART No. | CHECK | QTY | COMPONENT DESCRIPTION   | PART No. | CHECK |
| 2                       | <br>CHANNEL<br>L = 773mm                | 58C      |       | 1   | <br>JAMB L = 788mm    | 90B      |       |
| 4                       | <br>CHANNEL<br>L = 1155mm               | 63A      |       | 2   | <br>JAMB L = 1120mm   | 91A      |       |
| 1                       | <br>CHANNEL<br>L = 788mm                | 79B      |       | 1   | <br>JAMB L = 1537mm   | 93L      |       |
| 2                       | <br>CHANNEL<br>L = 329mm              | 81M      |       | 1   | <br>JAMB L = 1537mm | 93R      |       |
| 3                       | <br>CHANNEL WITH HINGES<br>L = 1974mm | HC1      |       | 3   | <br>JAMB L = 2034mm | HJ1      |       |
| 2                       | <br>CHANNEL<br>L = 1974mm             | HC2      |       | 1   | <br>JAMB L = 2034mm | HJ2      |       |
| 4                       | <br>LIP TRIM L = 1546mm               | 87A      |       | 1   | <br>JAMB L = 1974mm | HJ3      |       |

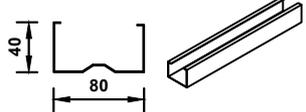
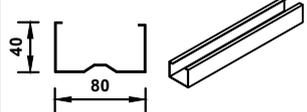
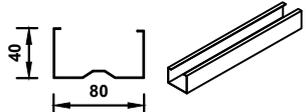
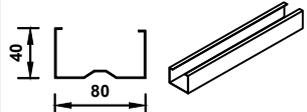
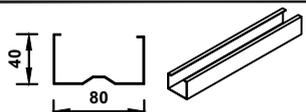
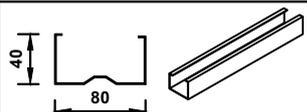
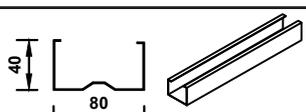
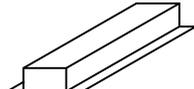
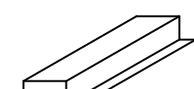
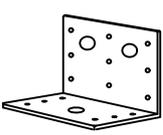
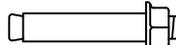

**COMPONENTS PACKING LIST - (CONT.) CHECK OFF ALL COMPONENTS**

| FITTINGS & ACCESSORIES PACKET CONTENTS |  |          |       |     |  |          |       |
|--|--|----------|-------|-----|--|----------|-------|
| QTY                                    | COMPONENT DESCRIPTION  | PART No. | CHECK | QTY | COMPONENT DESCRIPTION  | PART No. | CHECK |
| 1                                      | DOUBLE DOOR KIT<br>(SEE BELOW)   |          |       | 1   | ASSEMBLY<br>INSTRUCTIONS   |          |       |
| 1                                      | SINGLE DOOR KIT<br>(SEE OVER)  |          |       |     |  |          |       |
| 2                                      |  CAP GABLE<br>L: 170mm                          | 14A      |       | 24  |  SELF DRILLING HEX<br>HEAD TEK SCREWS (NO<br>HOLE REQUIRED) |          |       |
| 3                                      |  DOOR<br>STRAP<br>L: 165mm                      | 12A      |       | 1   |  3mm (0.12") DRILL BIT                                    |          |       |
| 1                                      |  RIDGE CAP<br>JOINER                          | 98A      |       | 1   |  HEX TEK SCREW<br>DRIVER BIT                             |          |       |
| 5                                      |  RIDGE<br>PLATES                              | RBP      |       | 1   |  PHILLIPS<br>HEAD DRIVER                                 |          |       |
| 19                                     |  CHANNEL JOINER<br>L= 200mm (7.9")            | CSJ      |       | 4   |  JAMB L= 75mm  | 93B      |       |
| DOUBLE DOOR KIT PACKET CONTENTS        |  |          |       |     |  |          |       |
| 3                                      |  DOOR<br>PADBOLT                              | 22A      |       | 2   | DOOR<br>PADBOLT<br>HASP                                 |          |       |
| 1                                      |  SELF TAPPING SCREWS<br>PACKET CONTAINING 220 |          |       | 8   |  3/16 ROUND HEAD<br>BOLTS & NYLOCK NUTS                   |          |       |
| 12                                     |  3/16 COUNTERSUNK<br>SCREWS & NUTS            |          |       | 12  |  3.2 x 8mm<br>BLIND POP RIVETS                            |          |       |


**COMPONENTS PACKING LIST - (CONT.) CHECK OFF ALL COMPONENTS**

| SINGLE DOOR KIT PACKET CONTENTS |   |  |       |  |     |  |   |
|---------------------------------|---|--|-------|--|-----|--|---|
| 1                               |                | DOOR<br>PADBOLT                              | 22A   |  | 1   | DOOR<br>PADBOLT<br>HASP  |  |
| 1                               |                | SELF TAPPING SCREWS<br>PACKET CONTAINING 220 |       |  | 12  |                                       | 3.2 x 8mm<br>BLIND POP RIVETS   |
| 12                              |                | 3/16 COUNTERSUNK<br>SCREWS & NUTS            |       |  |     |  |   |
| MAIN PACK CARTON (PACK 2 OF 3)  |   |  |       |  |     |  |   |
| 5                               |              | STEEL SHEET<br>2034mm X 773mm                | H30   |  | 4   | <br>40<br>80<br>CHANNEL L = 1954mm | C1954   |
| 12                              |              | STEEL SHEET<br>2034mm X 773mm                | H31   |  | 1   | HIGH-PORTAL PACK<br>(SEE BELOW)  |   |
| 4                               | <br>40<br>80 | CHANNEL L = 1482mm                           | C1482 |  |     |  |   |
| HIGH-PORTAL FRAME ACCESSORIES   |   |  |       |  |     |  |   |
| 4                               |              | KNEE PLATE                                   |       |  | 8   |                                    | 10mm<br>DYNABOLT  |
| 4                               |              | APEX PLATE                                   |       |  | 300 |                                    | 16mm TEK<br>SCREWS  |
| 4                               |              | MULTI PURPOSE<br>BRACKET                     |       |  |     |  |   |

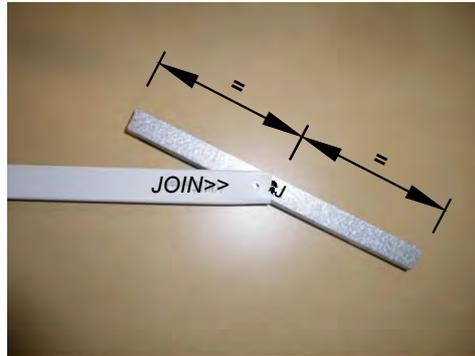

**COMPONENTS PACKING LIST - (CONT.) CHECK OFF ALL COMPONENTS**

| HIGH-FRONT FRAME PACK (PACK 3 OF 3) |  |              |       |            |   |              |       |
|-------------------------------------|--|--------------|-------|------------|---|--------------|-------|
| QTY                                 | COMPONENT DESCRIPTION  | PART No.     | CHECK | QTY        | COMPONENT DESCRIPTION   | PART No.     | CHECK |
| <b>2</b>                            | <br>CHANNEL L = 2300mm      | <b>C2300</b> |       | <b>10</b>  | <br>CHANNEL L = 285mm                     | <b>K0285</b> |       |
| <b>2</b>                            | <br>CHANNEL L = 2070mm      | <b>N2070</b> |       | <b>2</b>   | <br>CHANNEL L = 240mm                     | <b>C0240</b> |       |
| <b>2</b>                            | <br>CHANNEL L = 2034mm     | <b>C2034</b> |       | <b>2</b>   | <br>CHANNEL L = 100mm                    | <b>C0100</b> |       |
| <b>2</b>                            | <br>CHANNEL L = 1484mm    | <b>M1484</b> |       |            |   |              |       |
| <b>1</b>                            | <br>HAT= 2290mm           | <b>99A</b>   |       | <b>1</b>   | <br>SMALL TRIANGULAR<br>PLATE           |              |       |
| <b>4</b>                            | <br>HAT= 1350mm           | <b>99B</b>   |       | <b>150</b> | <br>SELF DRILLING<br>16mm TEK<br>SCREWS |              |       |
| <b>10</b>                           |  MULTI PURPOSE<br>BRACKET |              |       | <b>6</b>   | <br>10mm<br>DYNABOLTS                   |              |       |



### INSTRUCTIONS FOR JOINING SPLICED CHANNELS

NOTE: THE TEXT MARKED ON ALL PARTS MUST BE SHOWN ON THE SAME SIDE AS EACH OTHER.

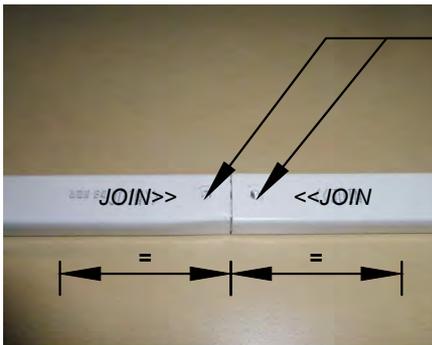
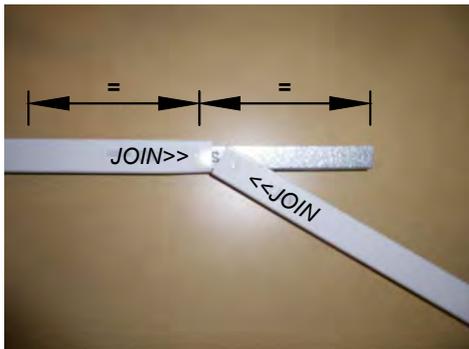


#### STEP 1.

Position the channels and the CSJ joiner channel so the center of the CSJ is in line with the end of each channel to be joined together.

#### STEP 2.

Join the first channel to the CSJ by inserting the center of the CSJ (on an angle) to the end of the channel where the JOIN>> text is marked. Push down one side of the CSJ until you hear a 'click'.



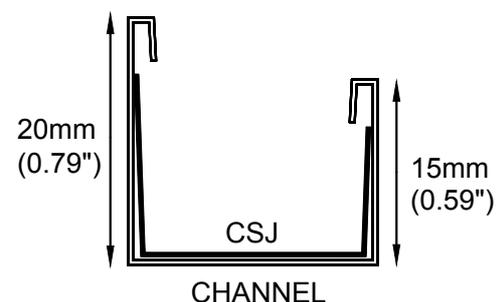
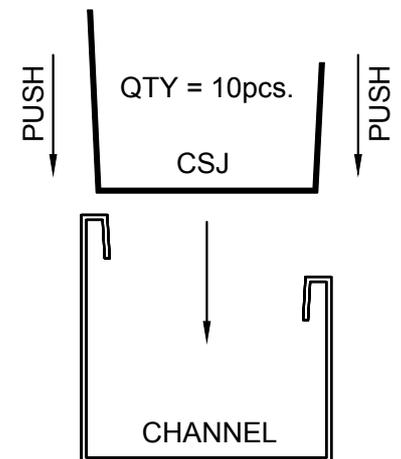
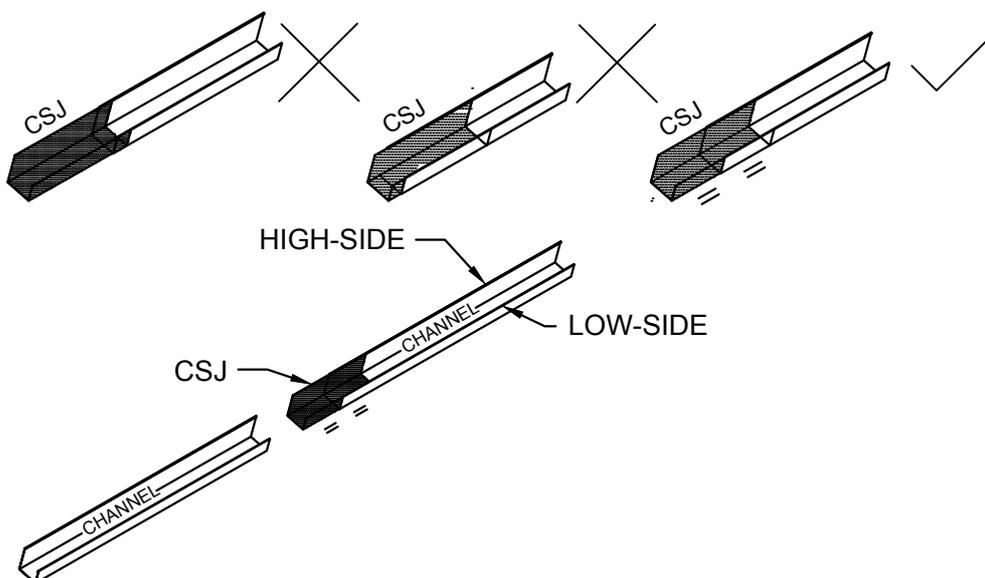
DRILL 4mm (0.16") x 3mm (0.12") (2 PER A SIDE) HOLES TO SECURE SECTIONS TOGETHER. (THESE SCREWS MAY HAVE TO BE TEMPORARILY REMOVED AND REPLACED DURING LATER ASSEMBLY)

#### STEP 3.

Join the second channel to the CSJ by positioning the <<JOIN end of the channel at the center of the CSJ (on an angle). Push the CSJ into the channel until you here a 'click'.

#### FINISHED CHANNEL

The joined channels should now look like the picture above with the CSJ positioned equally inside of the joined channels.

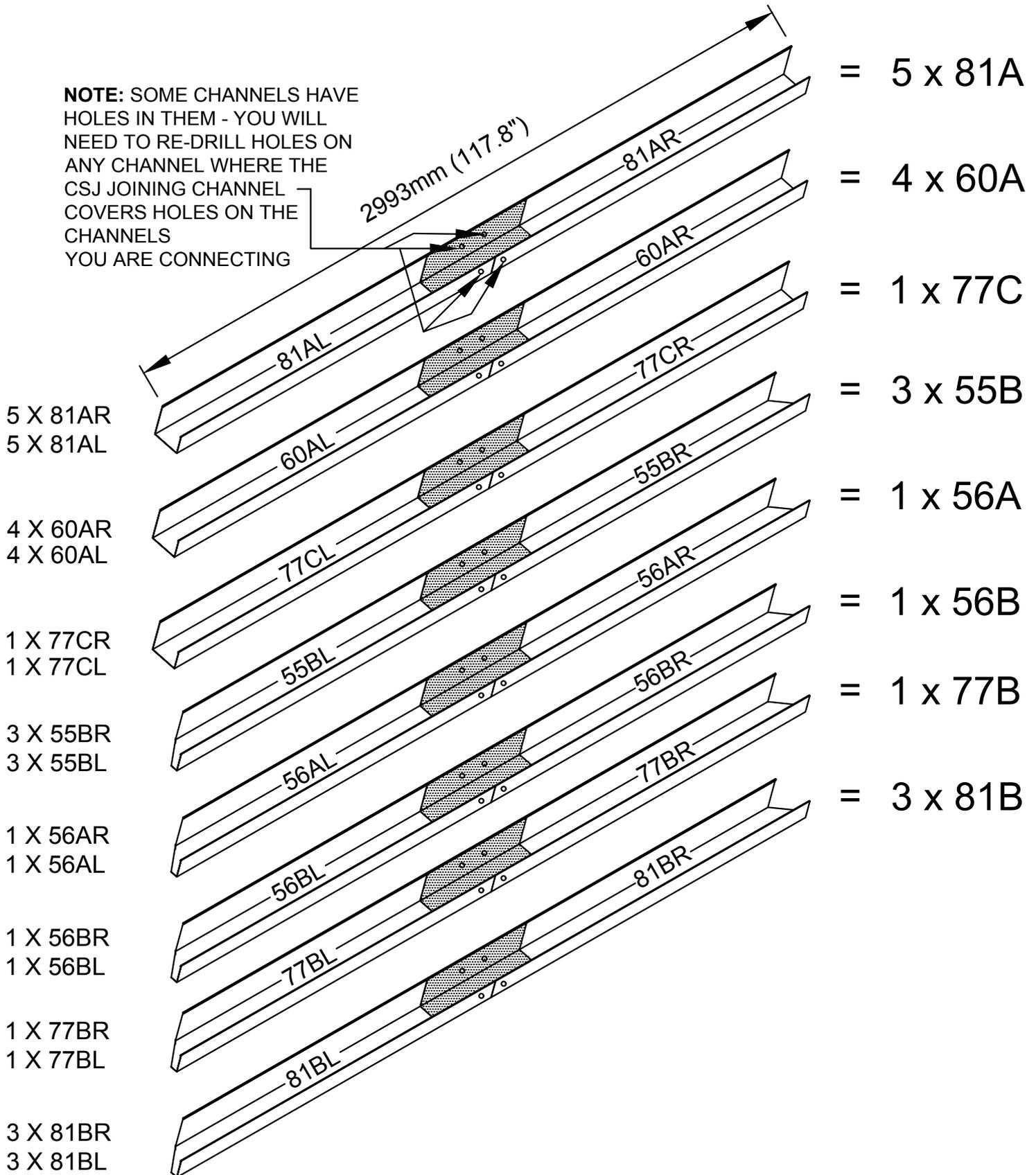




### STEP 1. PRE-ASSEMBLY OF SPLICED CHANNELS

**NOTE:** JOIN TOGETHER 38 X CHANNEL SECTIONS USING 19 X CHANNEL JOINERS (PART CSJ)

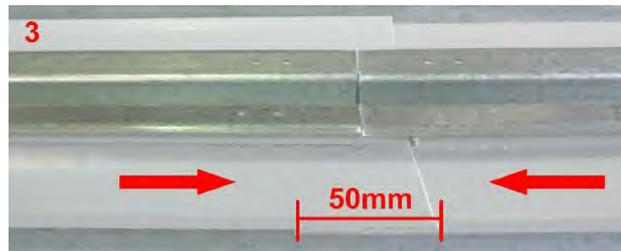
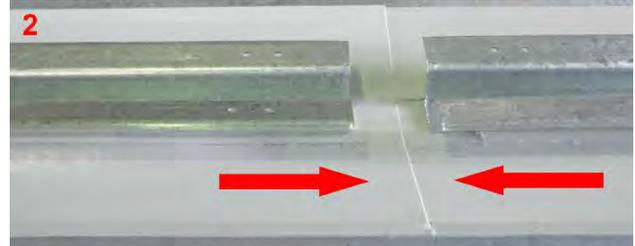
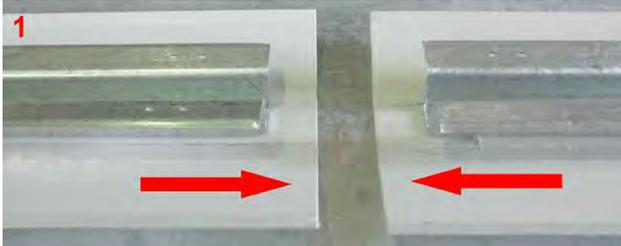
**NOTE:** SOME CHANNELS HAVE HOLES IN THEM - YOU WILL NEED TO RE-DRILL HOLES ON ANY CHANNEL WHERE THE CSJ JOINING CHANNEL COVERS HOLES ON THE CHANNELS YOU ARE CONNECTING





### INSTRUCTIONS FOR JOINING SPLICED RIDGE BEAM

**STAGE 1: PUSH RIDGE BEAMS TOGETHER, MAKE SURE THERE IS A 50mm OVERLAP OF THE RIDGE CAP**



**STAGE 2: INSERT RIDGE CAP JOINER INTO CONNECTED RIDGE CAPS. MAKE SURE JOINER HAS 225mm IN EACH RIDGE CAP.**



**ENSURE RIDGE BEAM JOINER IS FLUSH**

**50mm**

**STAGE 3: TURN RIDGE CAP OVER AND MEASURE 250mm FROM THE END OF EACH RIDGE CAP. PLACE TEK SCREWS IN 50mm INCREMENTS FROM SAID END. REPEAT THIS PROCESS FOR THE OPPOSING HALF OF RIDGE BEAM**



**PLACE 4 TEK SCREWS EVERY 50mm**



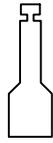
**REPEAT TEK SCREW PROCEDURE FOR OPPOSING SIDE**



### STEP 2. PRE-ASSEMBLY OF SPLICED RIDGE BEAM

**2x REQUIRED**

QTY. = 1



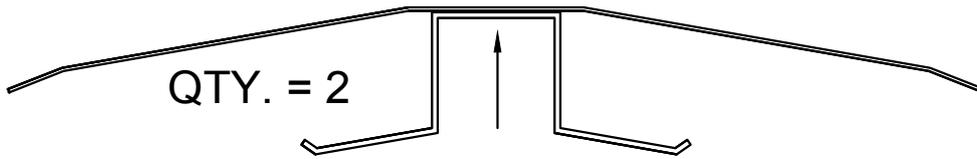
TEK SCREW DRIVER BIT

QTY. = 8



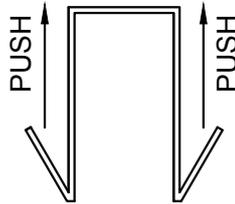
SELF DRILLING TEK SCREW

QTY. = 2

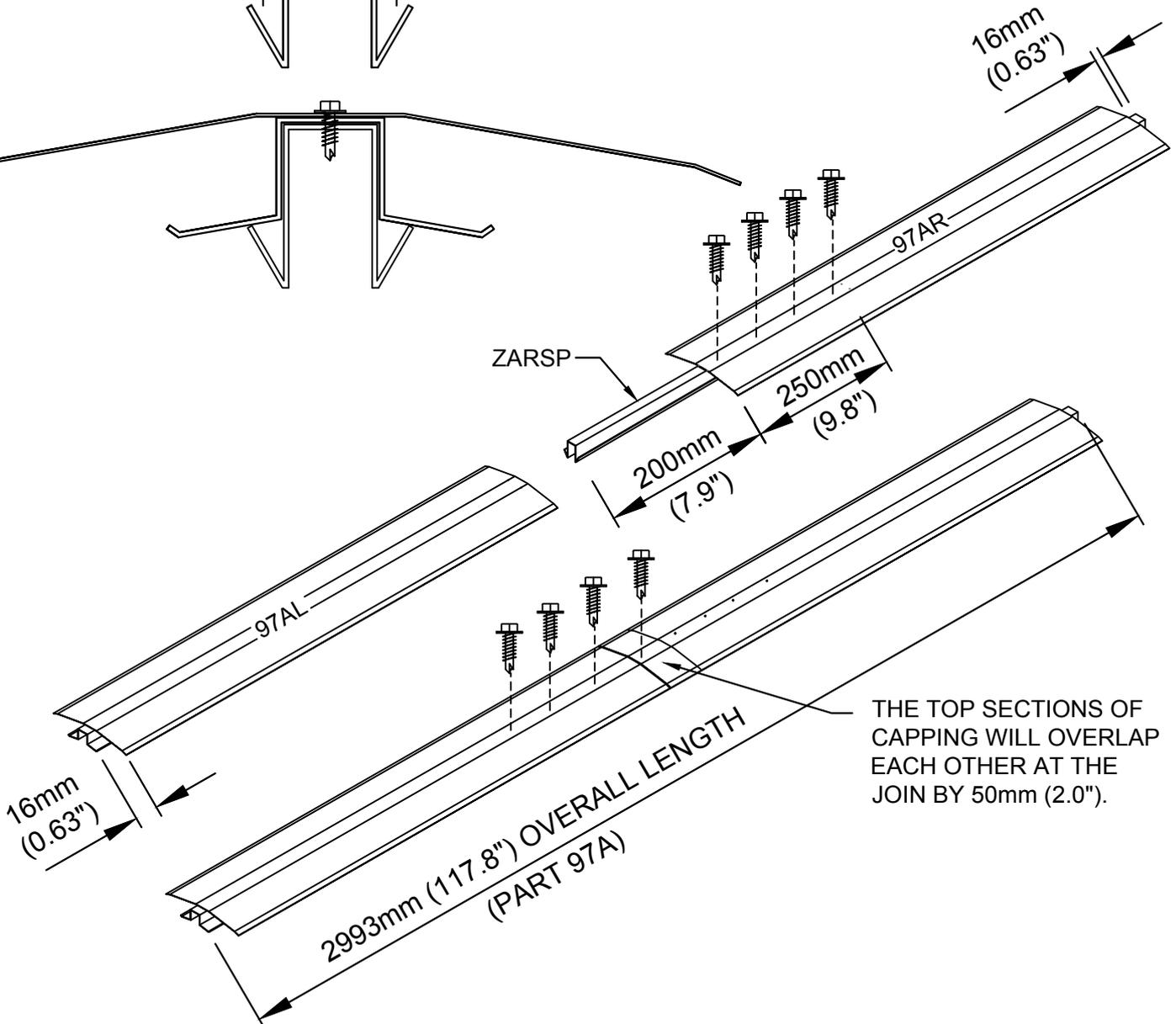
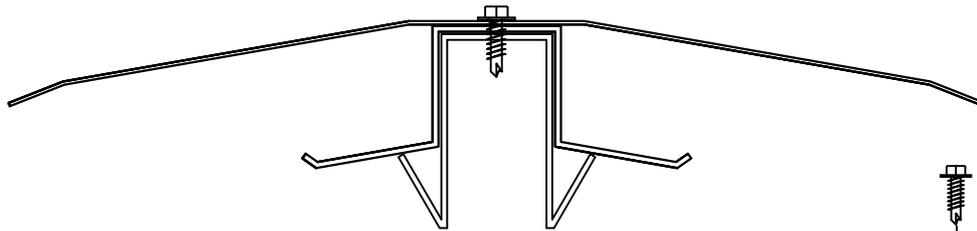


RIDGE BEAM 1521mm (59.9")  
PARTS 97AL & 97AR

QTY. = 1

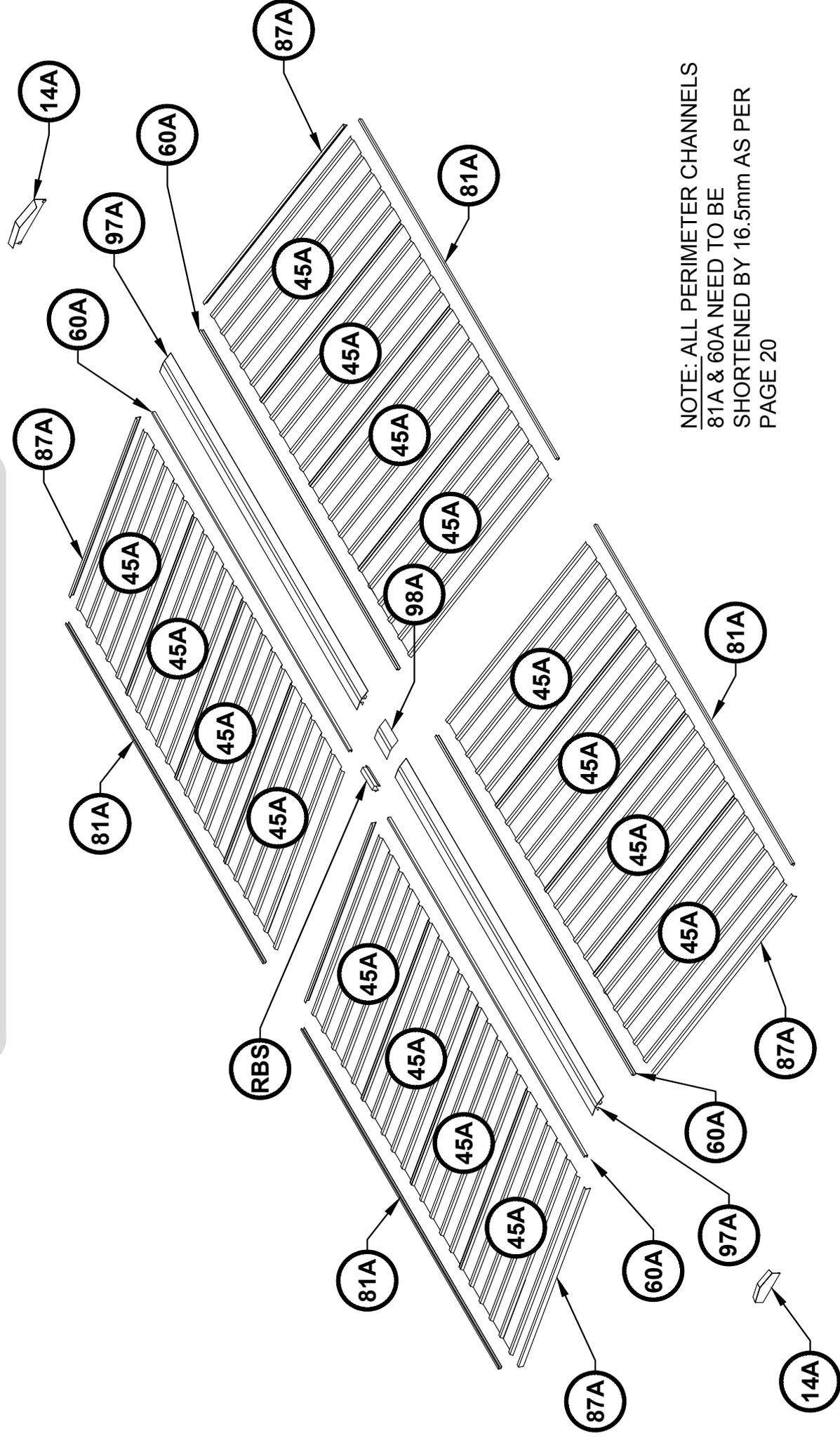


PART ZARSP - 450mm (17.7") LONG





**VIEW OF ROOF COMPONENTS**



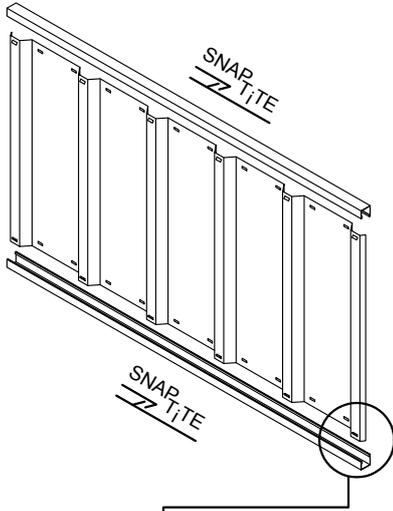
NOTE: ALL PERIMETER CHANNELS  
81A & 60A NEED TO BE  
SHORTENED BY 16.5mm AS PER  
PAGE 20



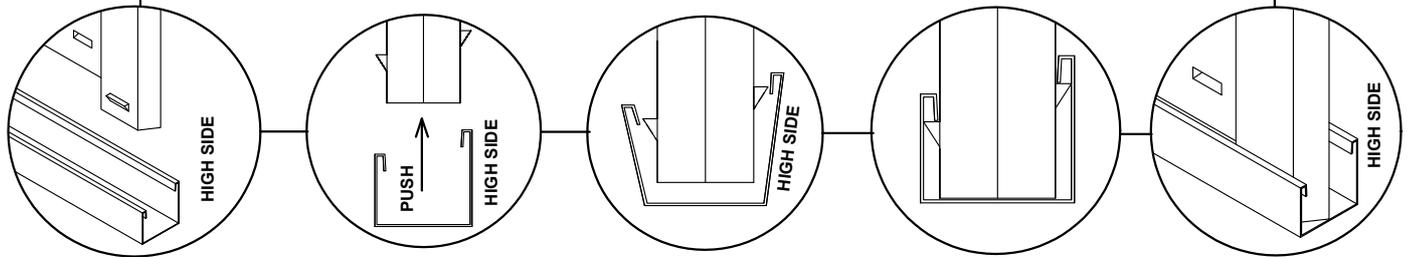
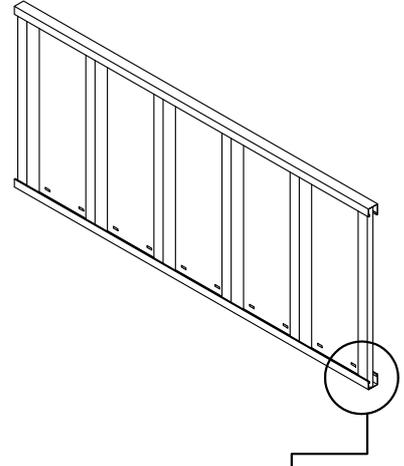


### ABSCO ASSEMBLY INTRODUCTION

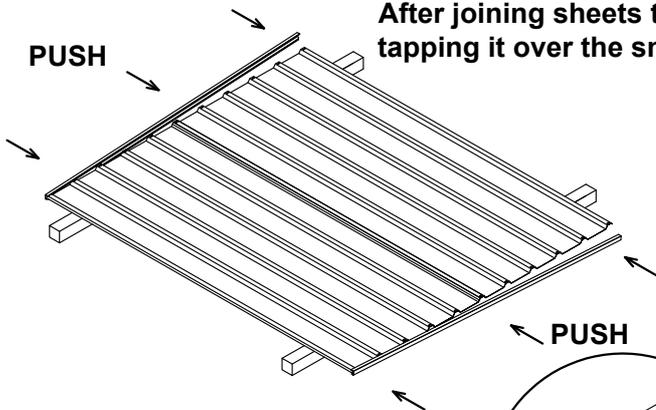
The snap-tite assembly system locks most perimeter channels to all roof and wall sheets without the need for tools and fasteners.



To pre-assemble the four wall panels and two roof panels, the perimeter channels are secured to the top and bottom of each panel using the snap-tite system, as detailed on the following pages wherever you see the symbol.



After joining sheets together, position channel over one end of the sheets, gently tapping it over the snap-tite lugs, working along the sheets to the other end.



Position sheets on timbers, trestles or partly over edge of concrete slab.

Each perimeter channel must finish flush with the edges of the sheets. The snap-tite system allows adjustment for this process by simply tapping the channel along the sheets until each end is neatly flush. If you need to remove channels from the panels, pull the channel along the panel from opposing ends. You may need someone to help with this.

### FASTENING SYMBOLS

-  **D** Join components together by pre-drilling the holes first. Use one component as a template to mark where the holes are. Drill with 3mm drill bit.
-  Join components together with one screw at this location only, as some channel sections have extra holes that are not required for this model of garden shed
-  Do not join components together at this location yet, as the screw may obstruct further assembly of other components



3mm POP RIVETS



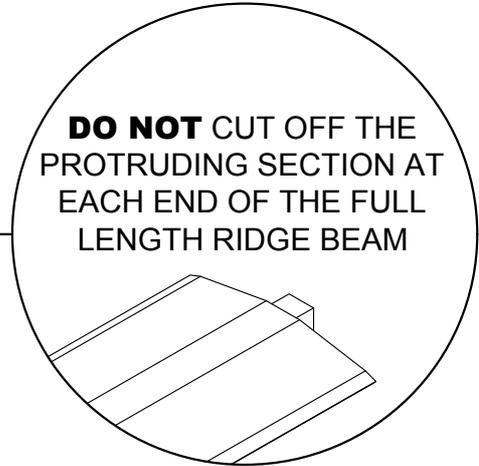
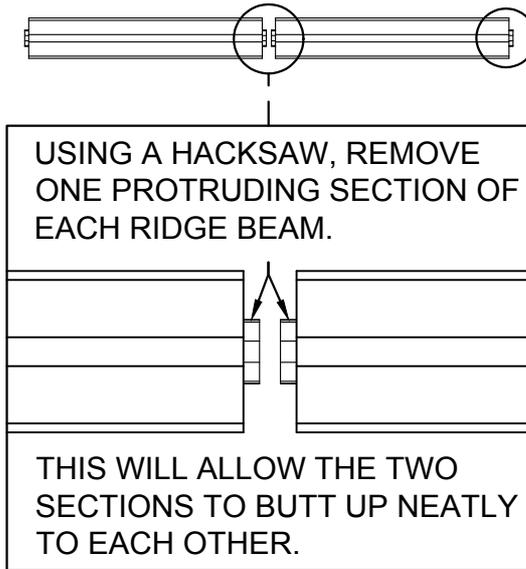
4mm NUT & BOLT SET



SELF DRILLING TEK SCREW FOR JOINING FRONT AND CENTRE FRAME COMPONENTS

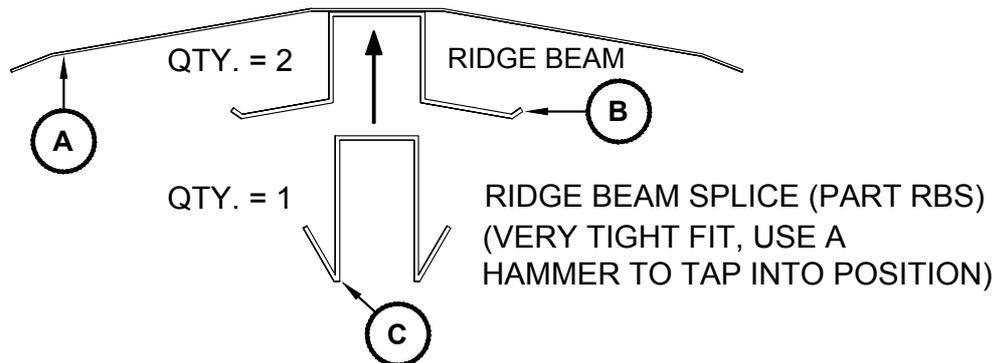


### JOINING RIDGE BEAMS

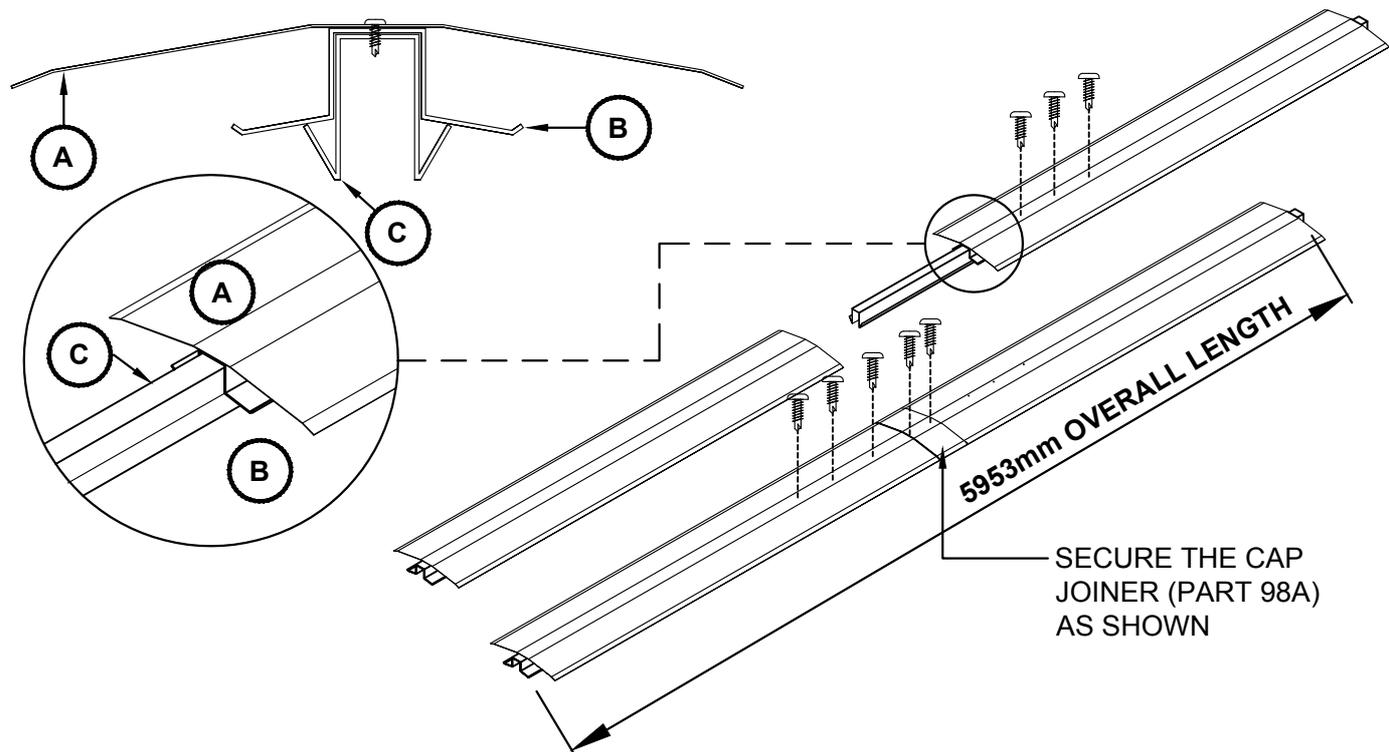


QTY. = 1  TEK SCREW DRIVER BIT

QTY. = 8  SELF DRILLING TEK SCREW



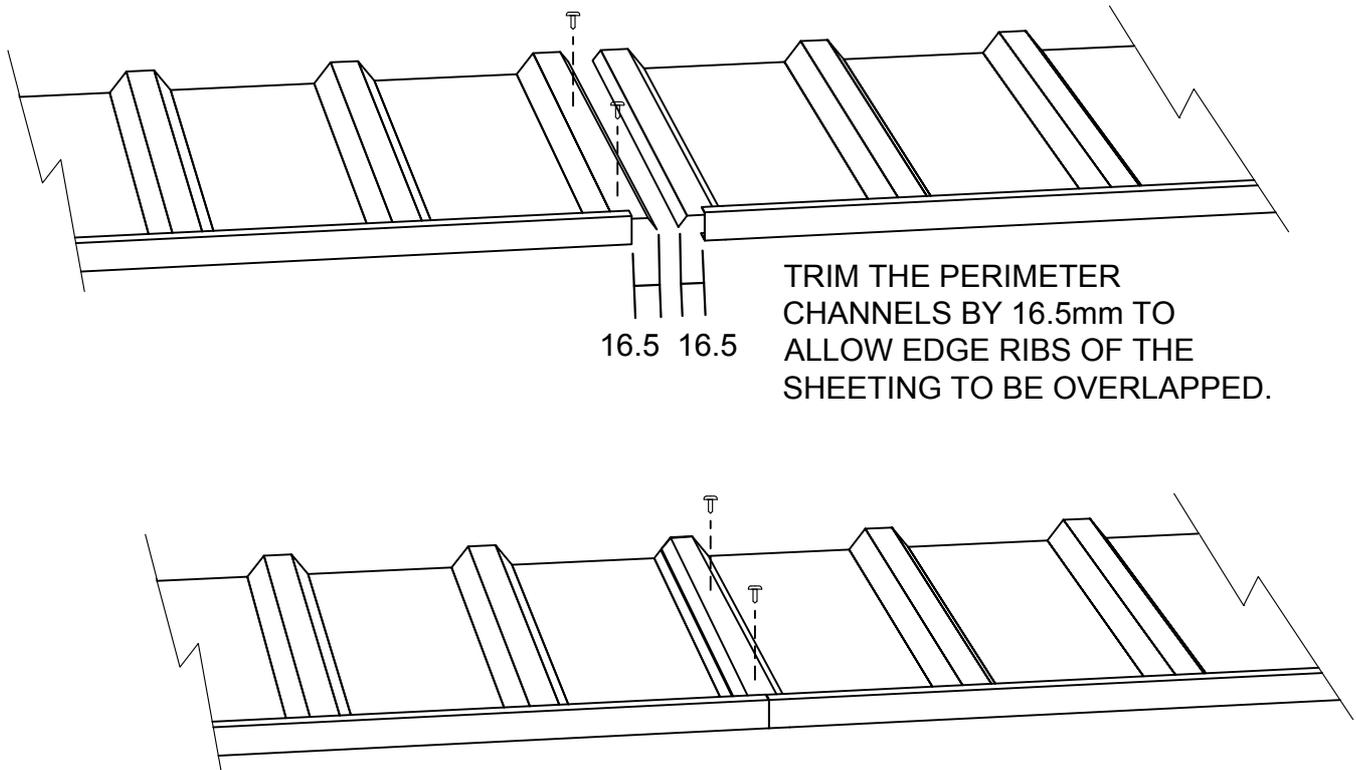
INSERT THE RIDGE BEAM SPLICE AT AN EQUAL DISTANCE INTO EACH RIDGE BEAM. USE A STRING LINE TO ENSURE THAT THE BEAM IS STRAIGHT, THEN SECURE WITH SELF DRILLING SCREWS AS SHOWN.





### JOINING WALL & ROOF PANELS

THE 2993mm LONG PANELS NOW NEED TO BE JOINED TOGETHER, TO MAKE ONE CONTINUOUS PANEL, FOR EACH ROOF AND WALL SECTION. THE PERIMETER CHANNELS WILL HAVE TO BE REDUCED IN LENGTH EQUAL TO THE AMOUNT OF THE OVERLAP, AS SHOWN BELOW.



**OVERLAP THE PANELS AND SECURE WITH SCREWS AS SHOWN.**

REFER TO THE PANEL CONSTRUCTION SECTION OF THIS INSTRUCTION FOR FURTHER DETAILS, AND ENSURE THAT THE PANELS ARE NOT JOINED TOGETHER WITH PRE-PUNCHED HOLES INCORRECTLY POSITIONED.

**THE OVERALL LENGTH OF EACH PANEL SHOULD BE THE SAME LENGTH AS THE RIDGE BEAM, WHICH IS 5953mm.**

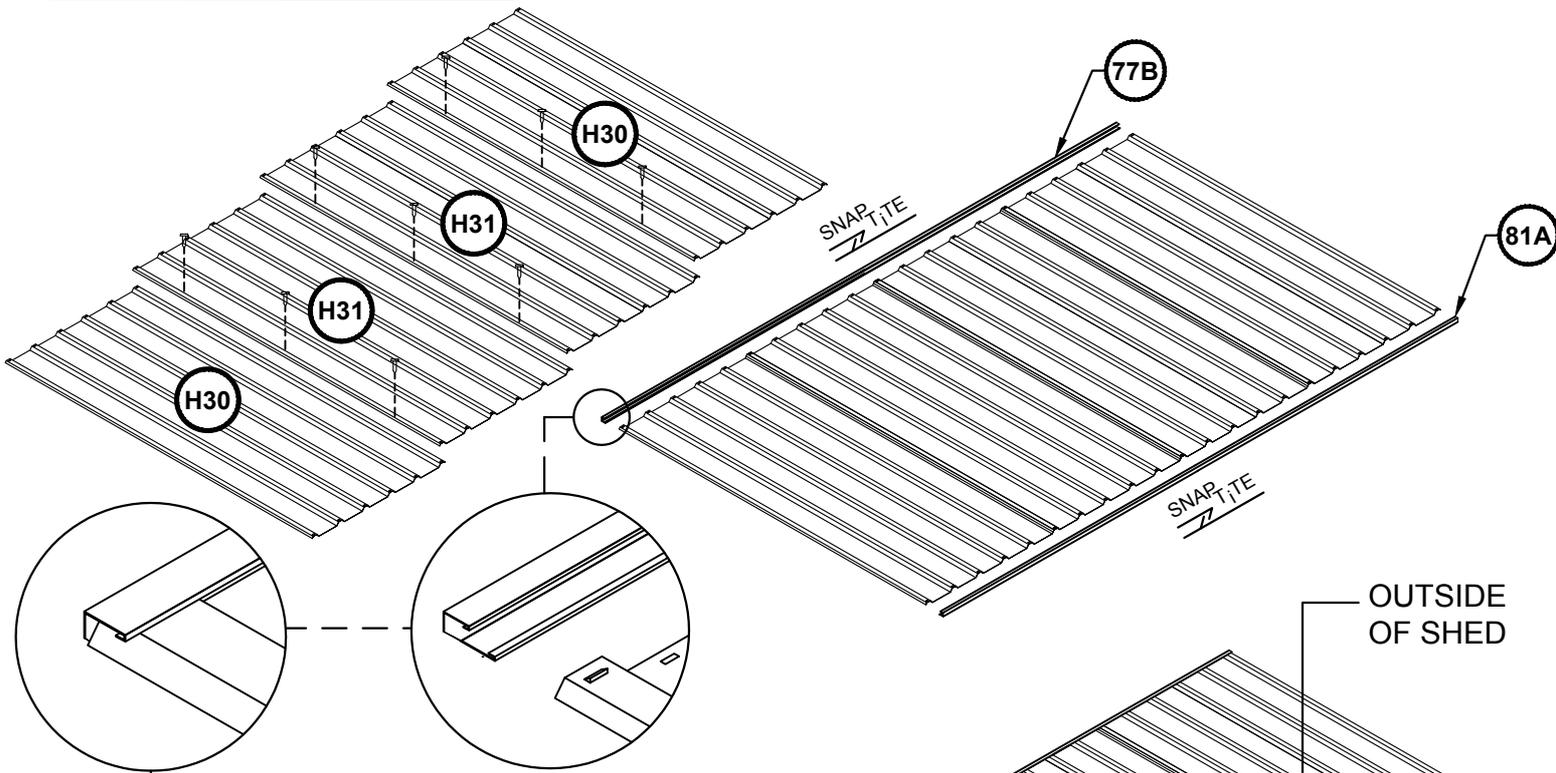
|                         |          |
|-------------------------|----------|
| RIDGE BEAM/PANEL LENGTH | = 2993   |
| LESS CUT OFF SECTION    | = 16.5   |
| NEW LENGTH              | = 2976.5 |

**TWO PANELS JOINED: 2976.5 X 2 = 5953mm**

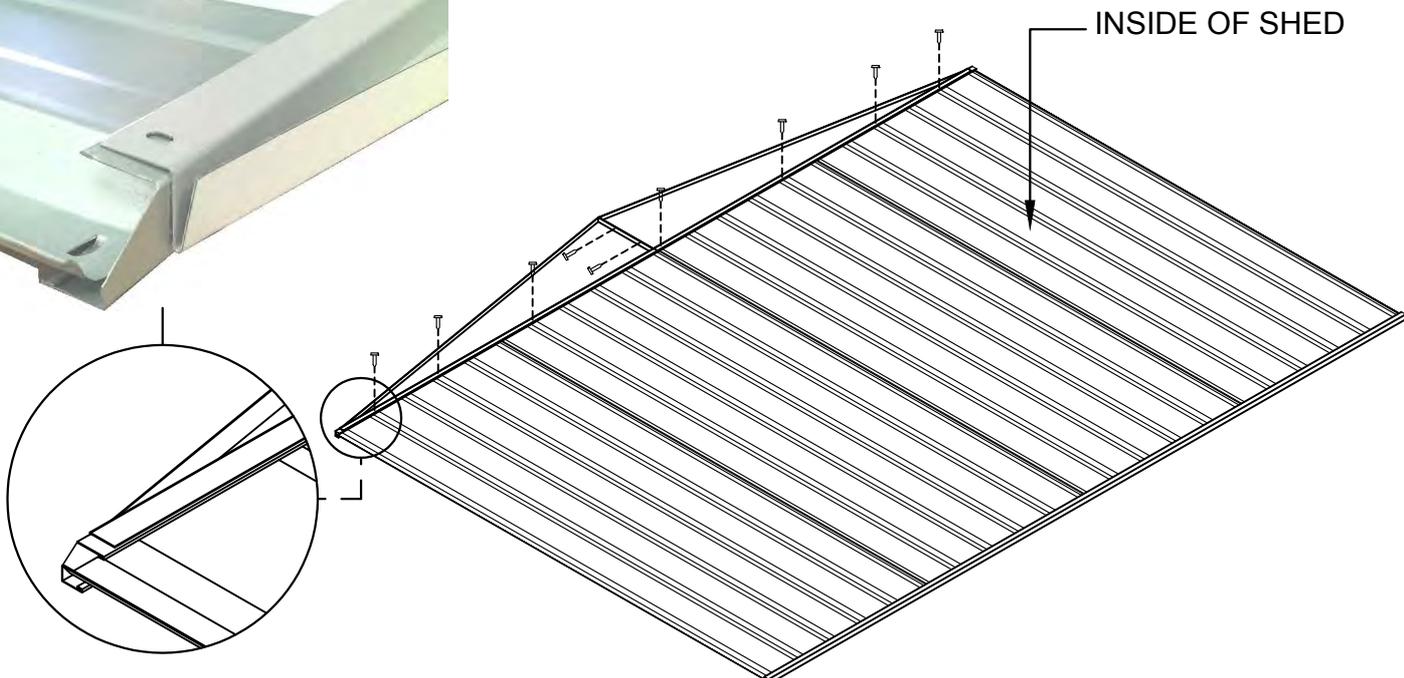
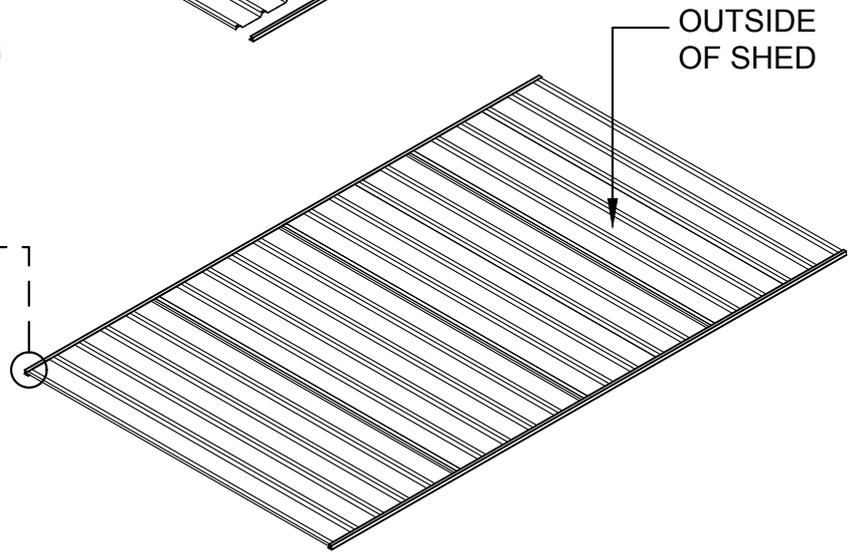
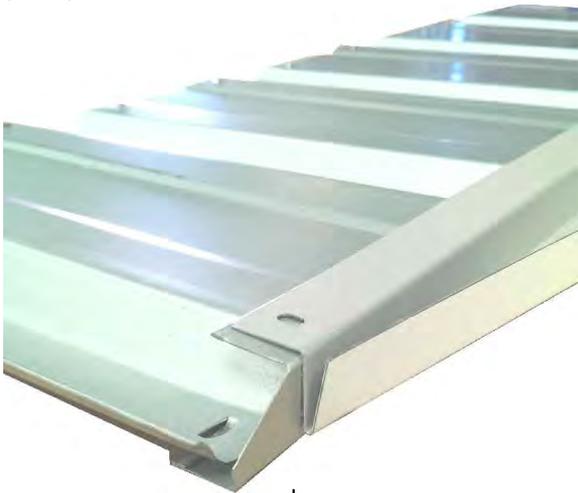
**IT IS NOT CRITICAL THAT THE OVERALL LENGTH OF 5953mm IS EXACT, BUT TRY AND MAINTAIN THE LENGTH WITHIN 5mm.**



### 1. END PANEL ASSEMBLY



**TURN THE PANEL OVER.**  
FIT THE TWO LARGE GABLES (16L & 16R) TO  
THE INSIDE FACE OF THE TOP CHANNEL  
(77B)

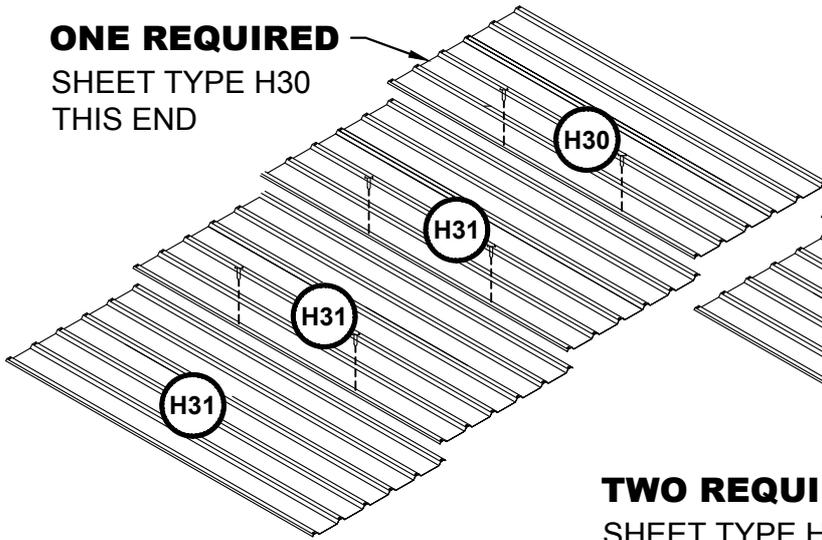




### 2. SIDE PANEL ASSEMBLY (Three Required)

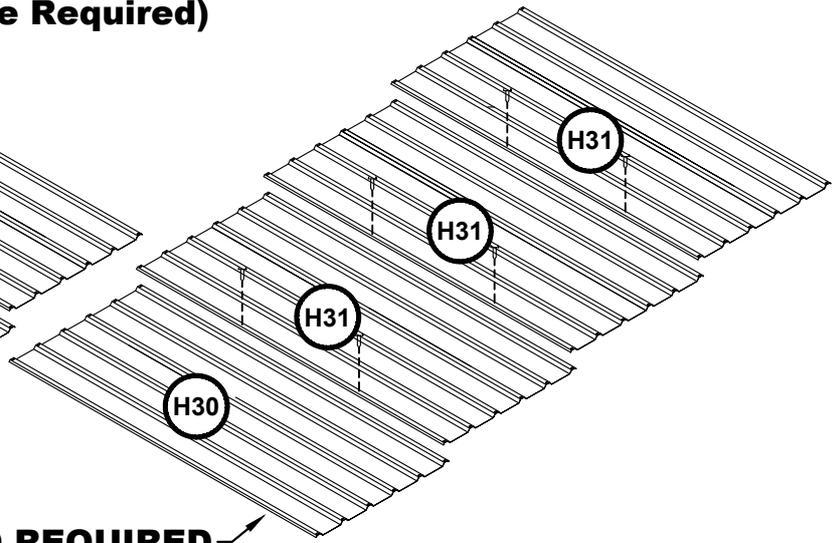
**ONE REQUIRED**

SHEET TYPE H30  
THIS END

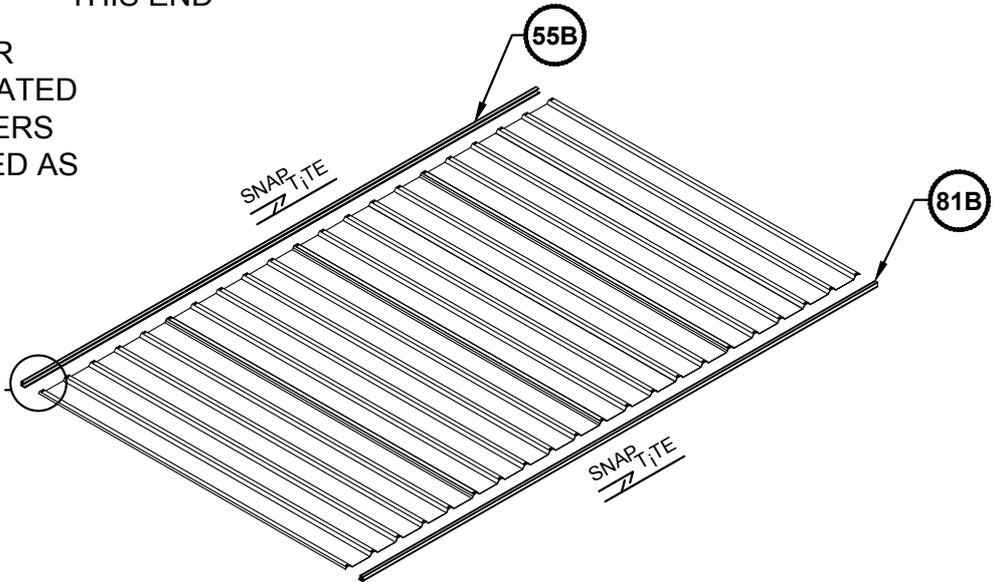
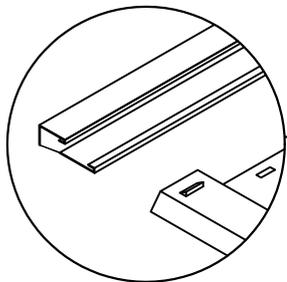


**TWO REQUIRED**

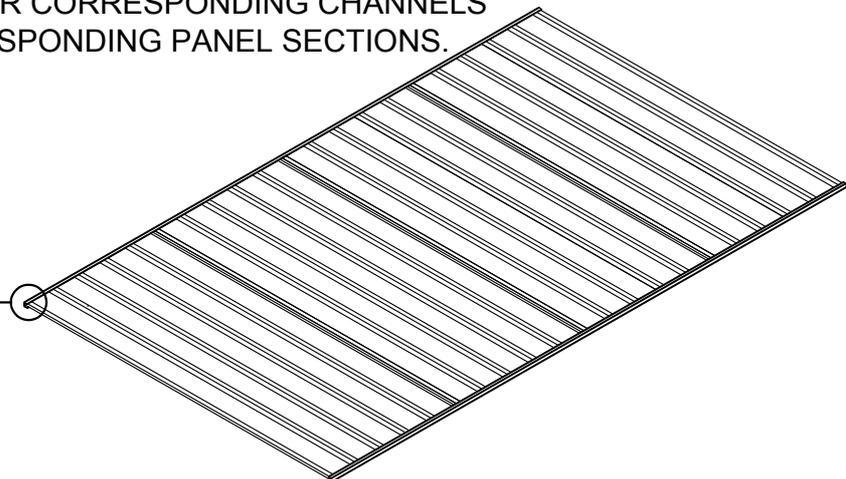
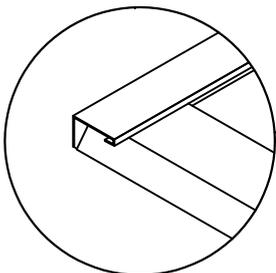
SHEET TYPE H30  
THIS END



SHEET TYPE H30 IS A CORNER SHEET AND MUST BE ORIENTATED TOWARDS THE SHEDS CORNERS WHEN PANELS FINALLY JOINED AS PER PAGE 20.



NOTE: BE CAREFUL WITH CHANNEL ORIENTATION. THESE PANELS MUST JOIN TOGETHER AS PER PAGE 20. ENSURE THAT 55B & 81B MATCH TO THEIR CORRESPONDING CHANNELS WHEN CONNECTING TO CORRESPONDING PANEL SECTIONS.

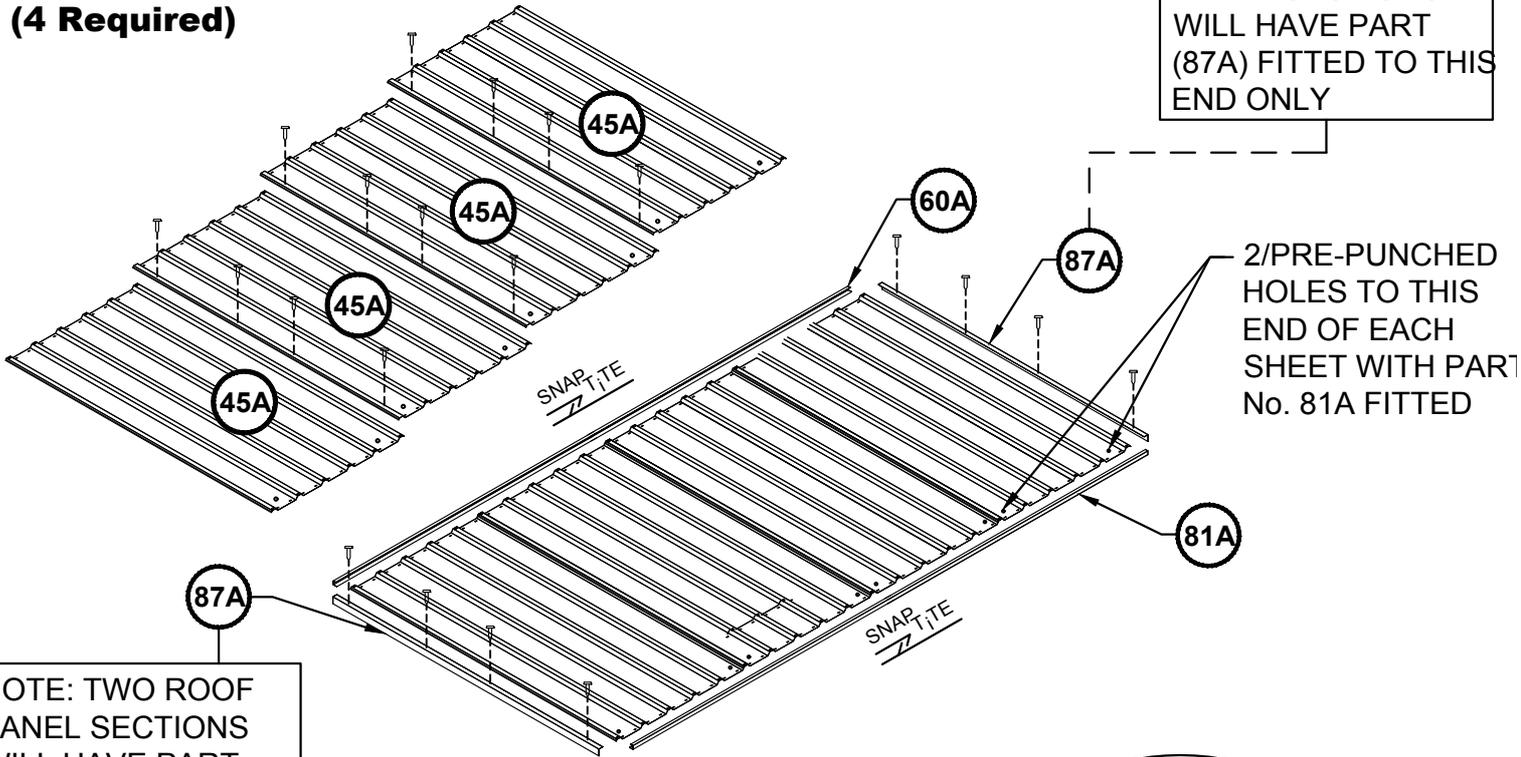




### 3. ROOF PANEL ASSEMBLY

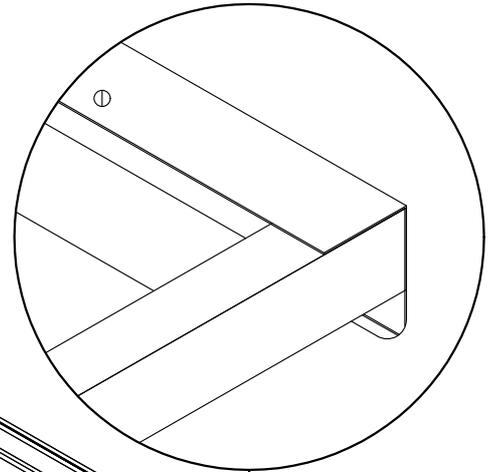
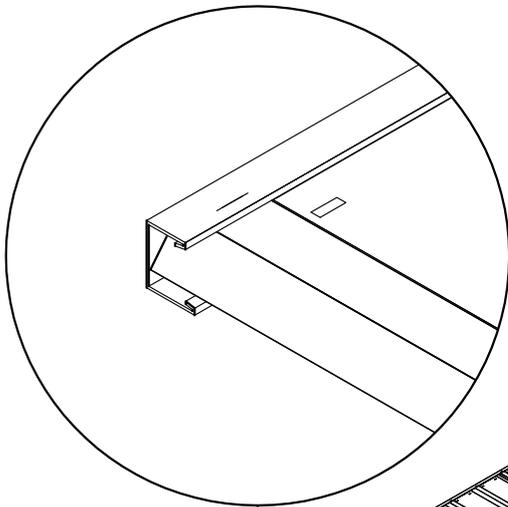
(4 Required)

NOTE: TWO ROOF  
PANEL SECTIONS  
WILL HAVE PART  
(87A) FITTED TO THIS  
END ONLY



2/PRE-PUNCHED  
HOLES TO THIS  
END OF EACH  
SHEET WITH PART  
No. 81A FITTED

NOTE: TWO ROOF  
PANEL SECTIONS  
WILL HAVE PART  
(87A) FITTED TO THIS  
END ONLY



ONCE COMPLETED THERE WILL  
BE 4 SECTIONS WITH 87A LIP AT  
ONE END ONLY.

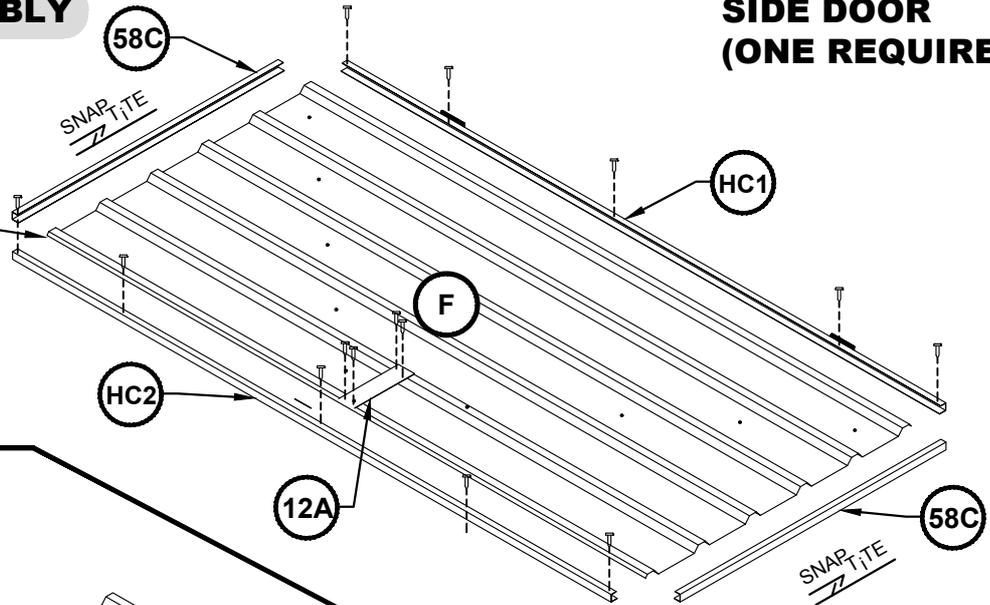




### 4. DOOR PANEL ASSEMBLY

### SIDE DOOR (ONE REQUIRED)

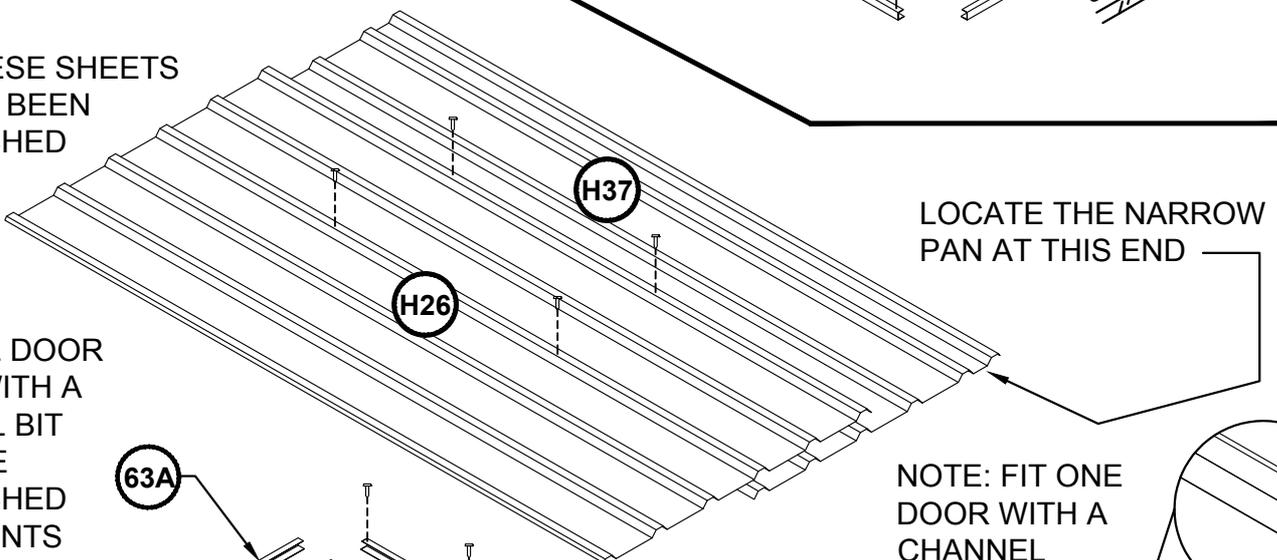
1974mm SINGLE  
DOOR SHEET  
(FULLY PRE-PUNCHED)



### FRONT DOORS (TWO REQUIRED)

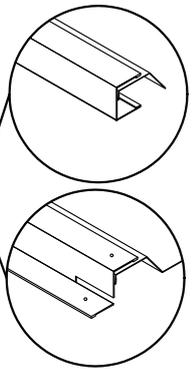
NOTE: THESE SHEETS  
HAVE NOT BEEN  
PRE-PUNCHED

PRE-DRILL DOOR  
SHEETS WITH A  
3mm DRILL BIT  
USING THE  
PRE-PUNCHED  
COMPONENTS  
SHOWN AS  
TEMPLATES.



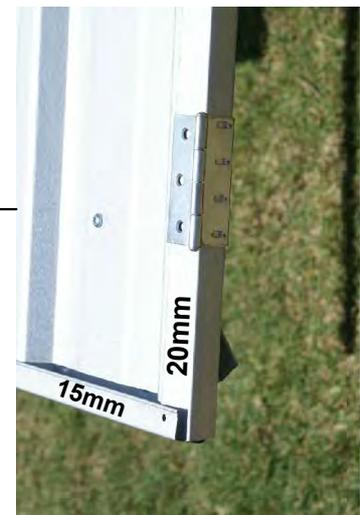
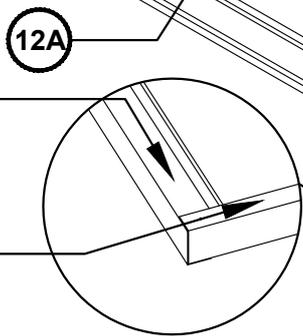
LOCATE THE NARROW  
PAN AT THIS END

NOTE: FIT ONE  
DOOR WITH A  
CHANNEL  
(PART HC2)  
FIT THE OTHER  
DOOR WITH A  
JAMB (PART HJ3)



20mm FLANGE

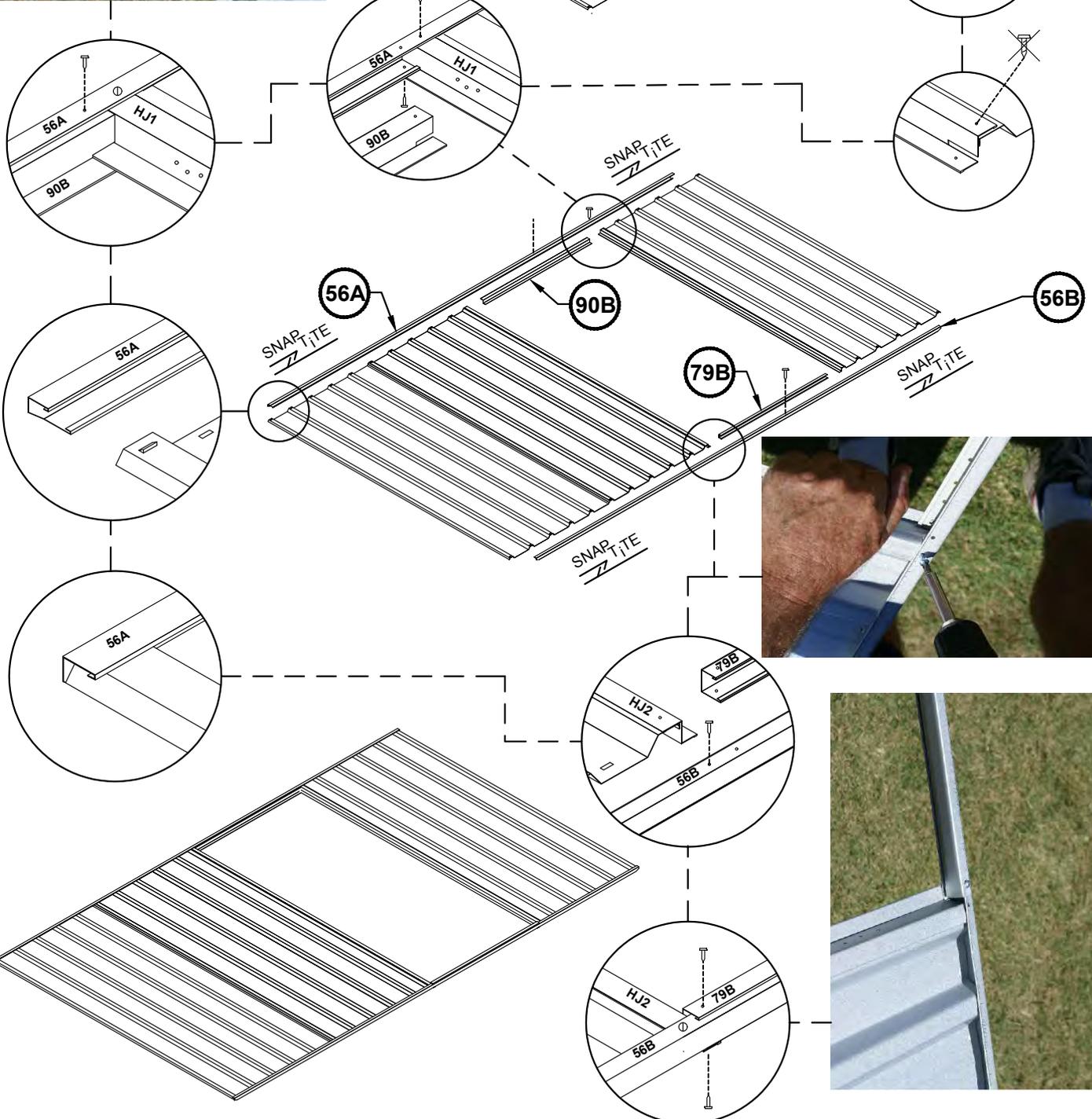
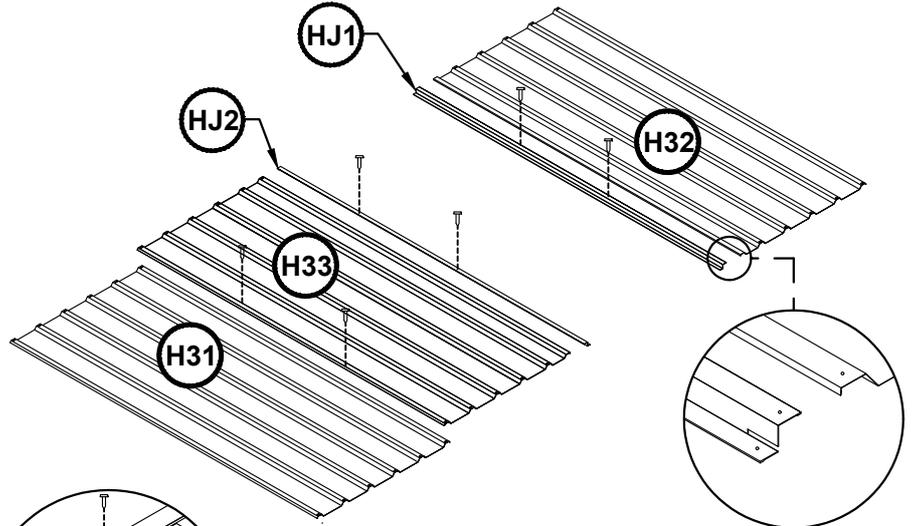
15mm FLANGE





### 5. SIDE PANEL ASSEMBLY

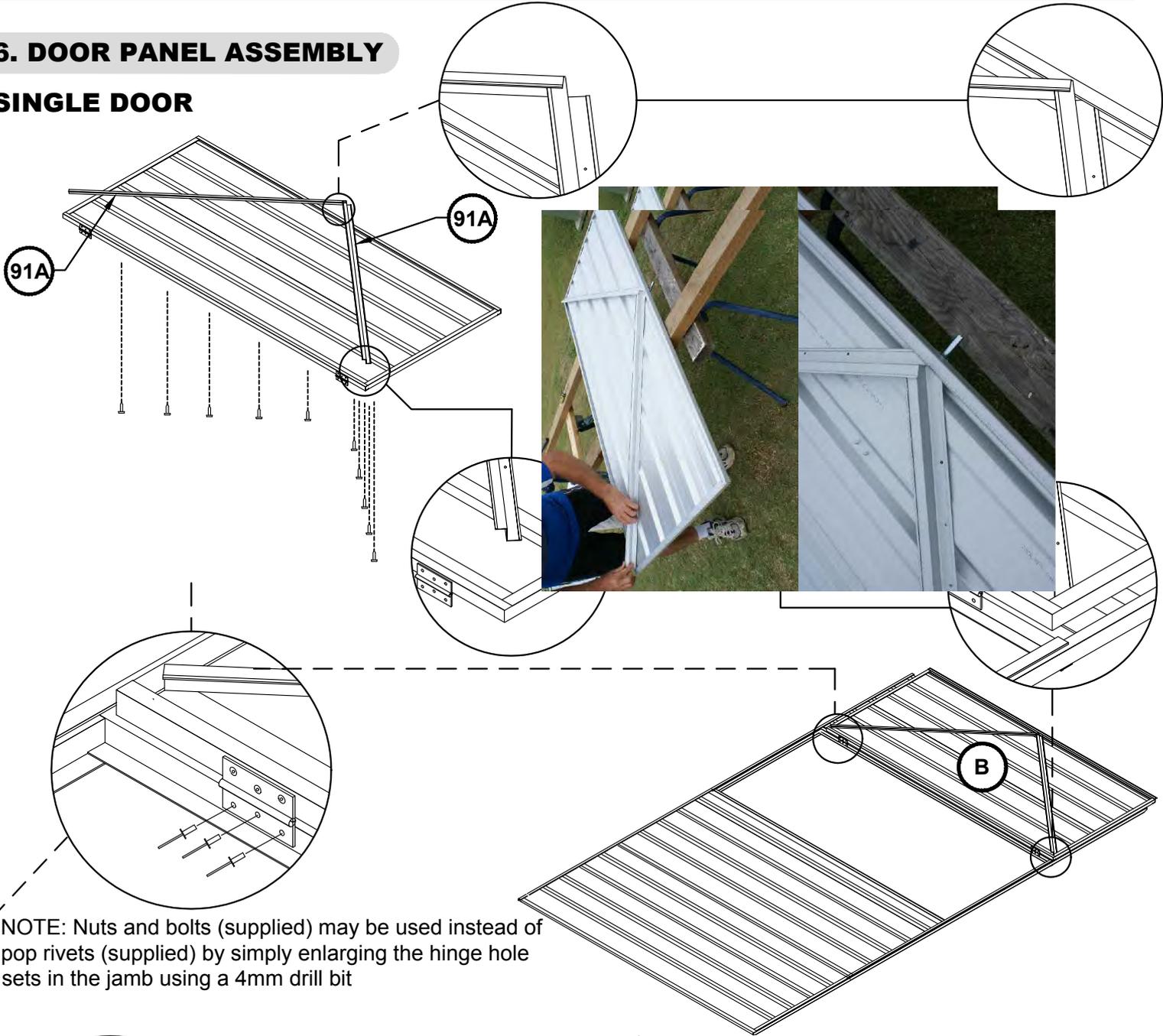
#### SINGLE DOOR



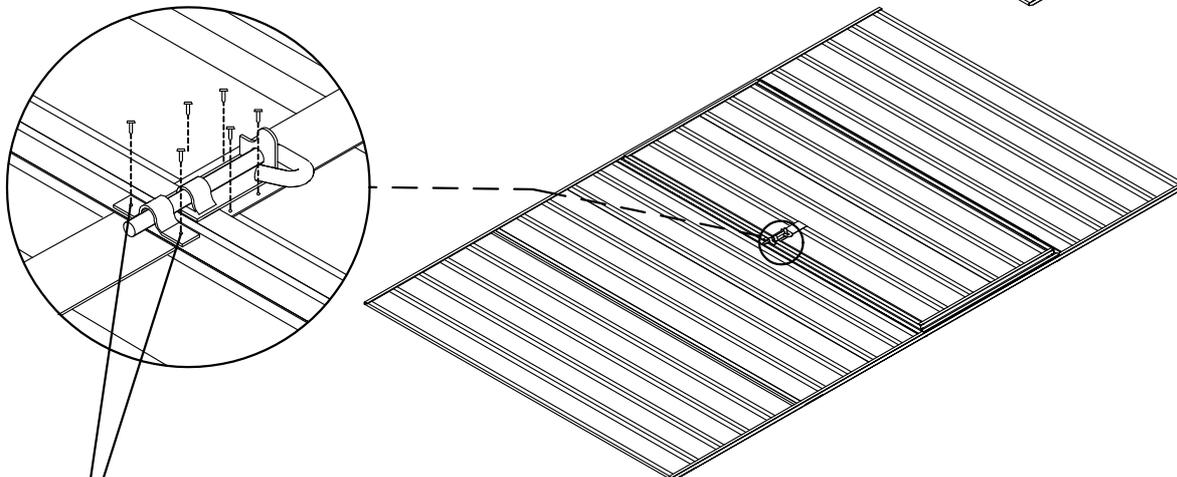


### 6. DOOR PANEL ASSEMBLY

#### SINGLE DOOR



NOTE: Nuts and bolts (supplied) may be used instead of pop rivets (supplied) by simply enlarging the hinge hole sets in the jamb using a 4mm drill bit

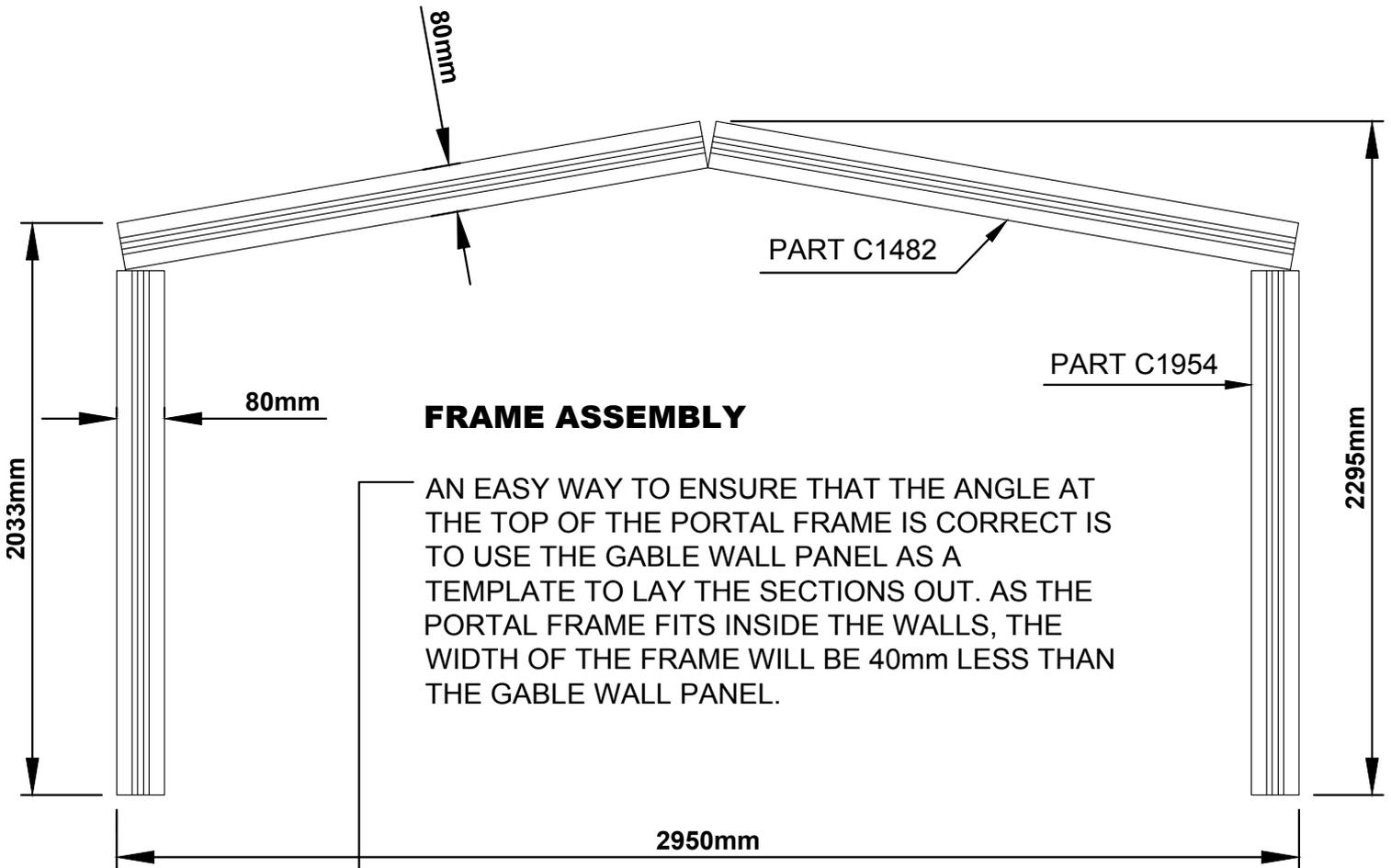


NOTE: The two holes required to connect the padbolt hasp for each door have not been pre-punched, to allow for proper alignment. position each hasp centrally over the padbolt shaft, and secure with screws. The sheet metal screws supplied have the ability to self drill through the channel, use a continuous firm pressure and high drill speed and the screws will penetrate the sheet metal. If necessary a 3mm drill bit can be used.

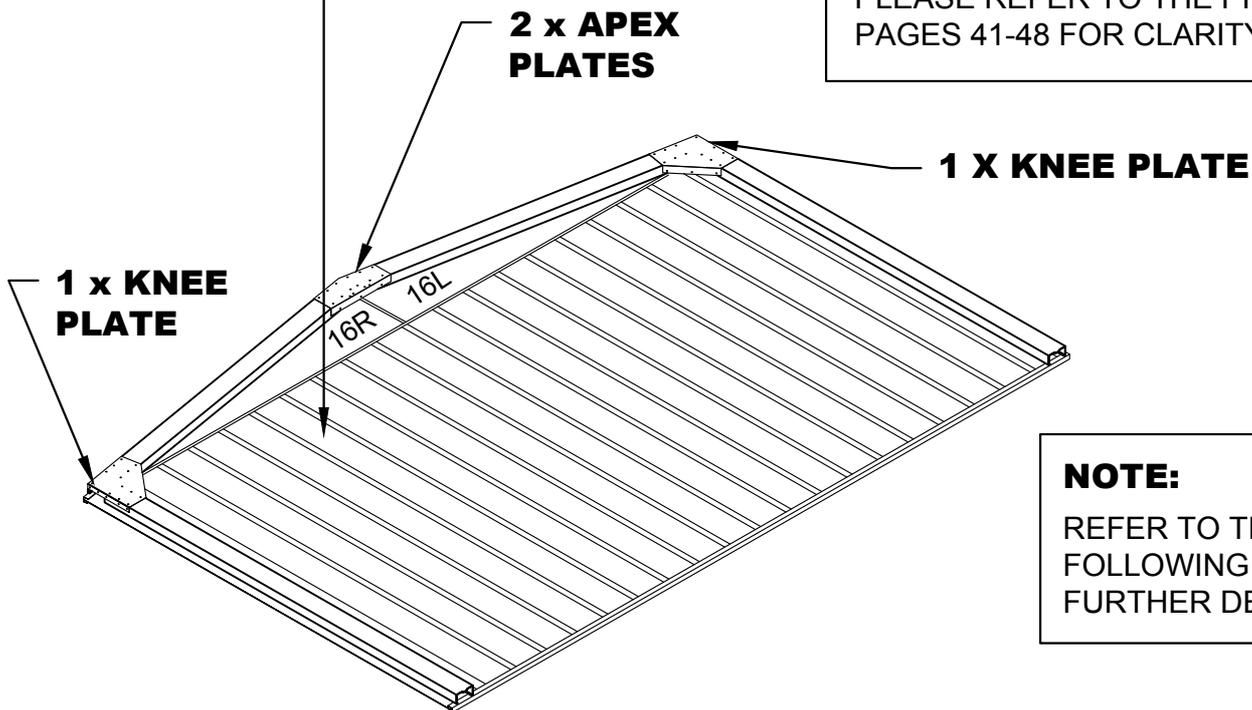


### HIGH-PORTAL FRAME DETAILS

**REFER TO PAGE 5 FOR HIGH-PORTAL  
FRAME PARTS AND ACCESSORIES**



**NOTE:**  
PLEASE REFER TO THE PHOTOS ON PAGES 41-48 FOR CLARITY

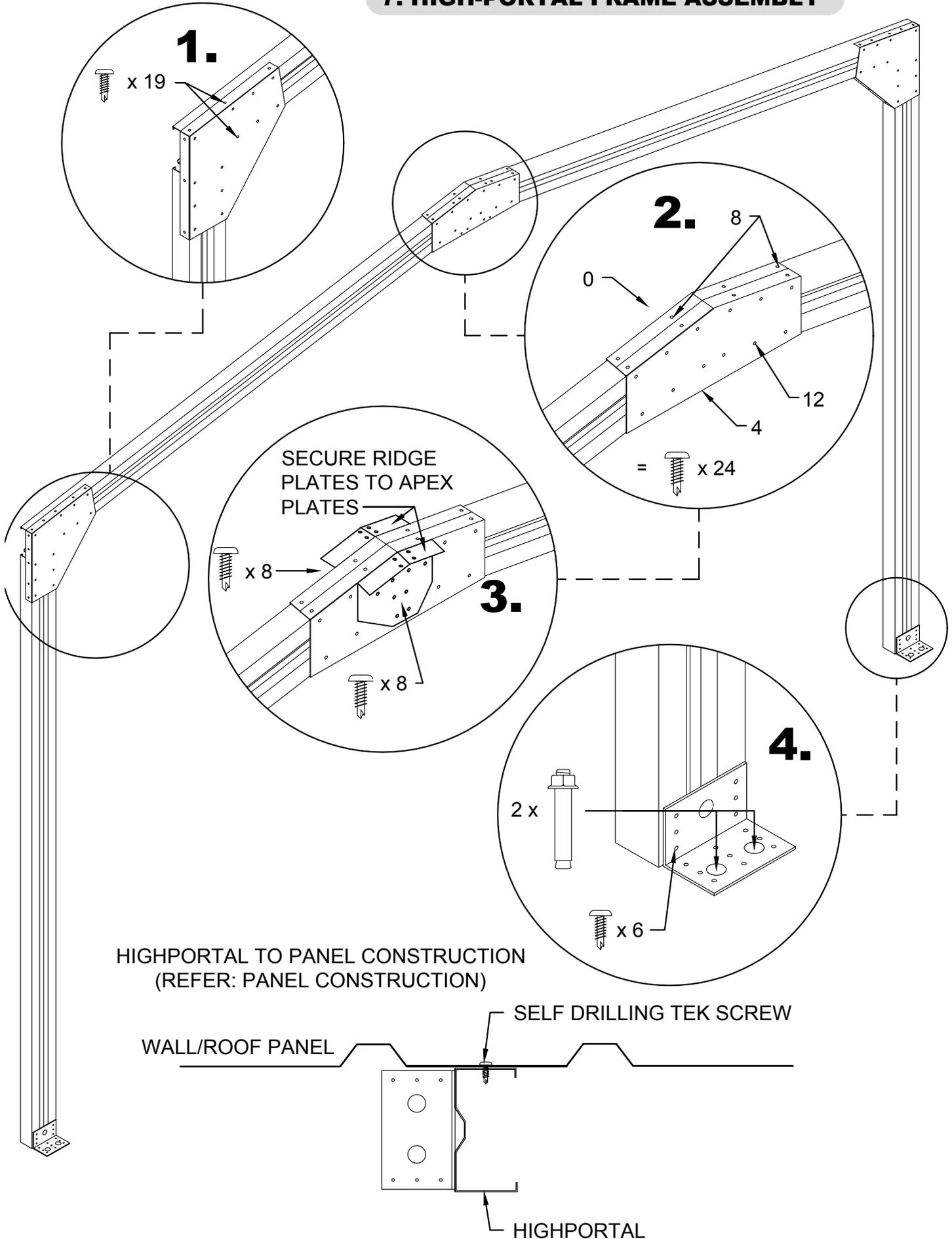


**NOTE:**  
REFER TO THE FOLLOWING PAGE FOR FURTHER DETAILS.

NOTE: IF YOU HAVE AN EDGE REBATE IN YOUR CONCRETE SLAB, YOU WILL HAVE TO CUT AN AMOUNT OFF THE BOTTOM OF THE FRAME LEGS EQUAL TO THE DEPTH OF THE REBATE.



### 7. HIGH-PORTAL FRAME ASSEMBLY





### 8. HIGHLANDER HIGH-FRONT FRAME ASSEMBLY

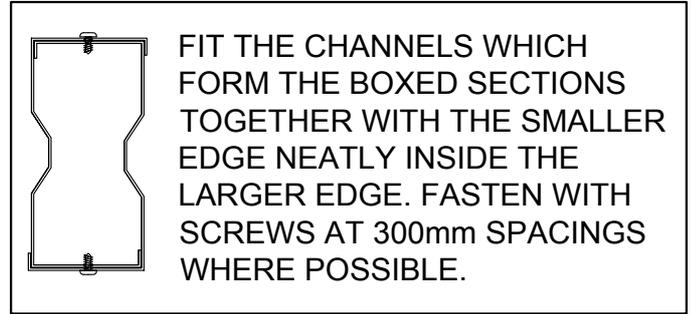
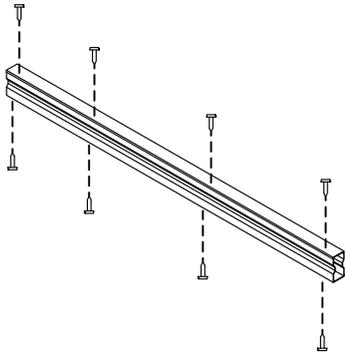
(SHEET 1 of 2)

16mm  SELF DRILLING  
TEK SCREWS USE

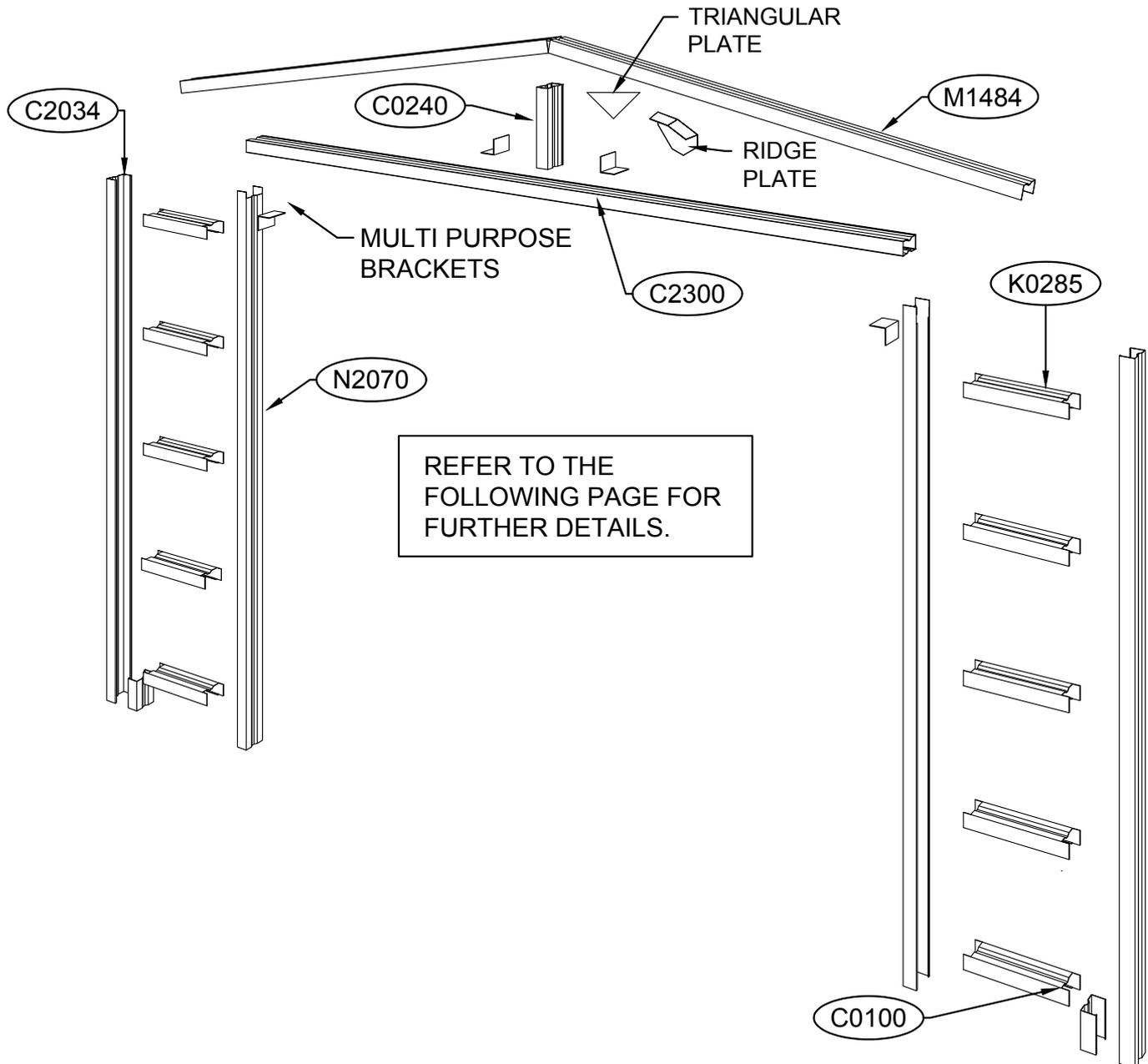
**JOIN PART NUMBERS**

**C2300 C0240**

ONLY  
TO FORM  
BOXED SECTIONS

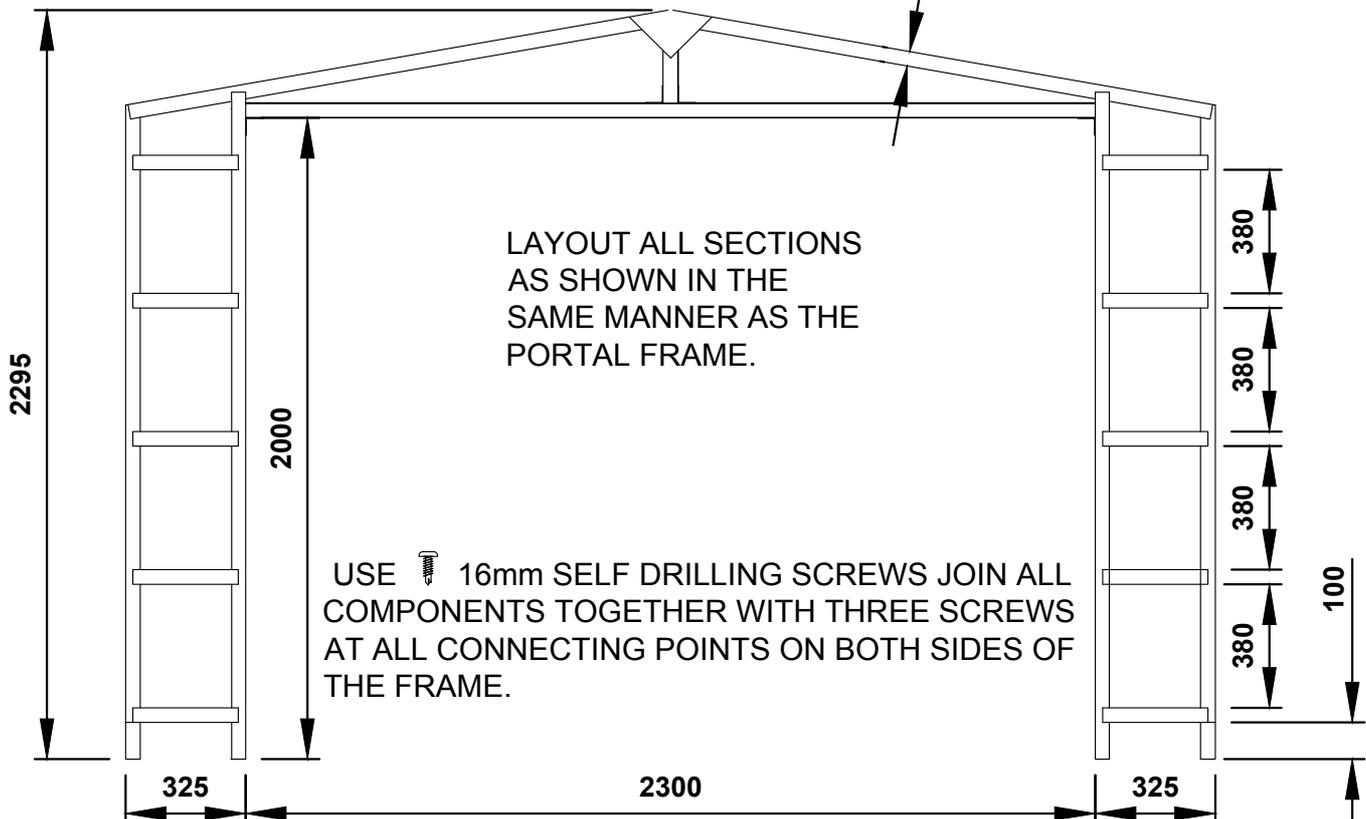
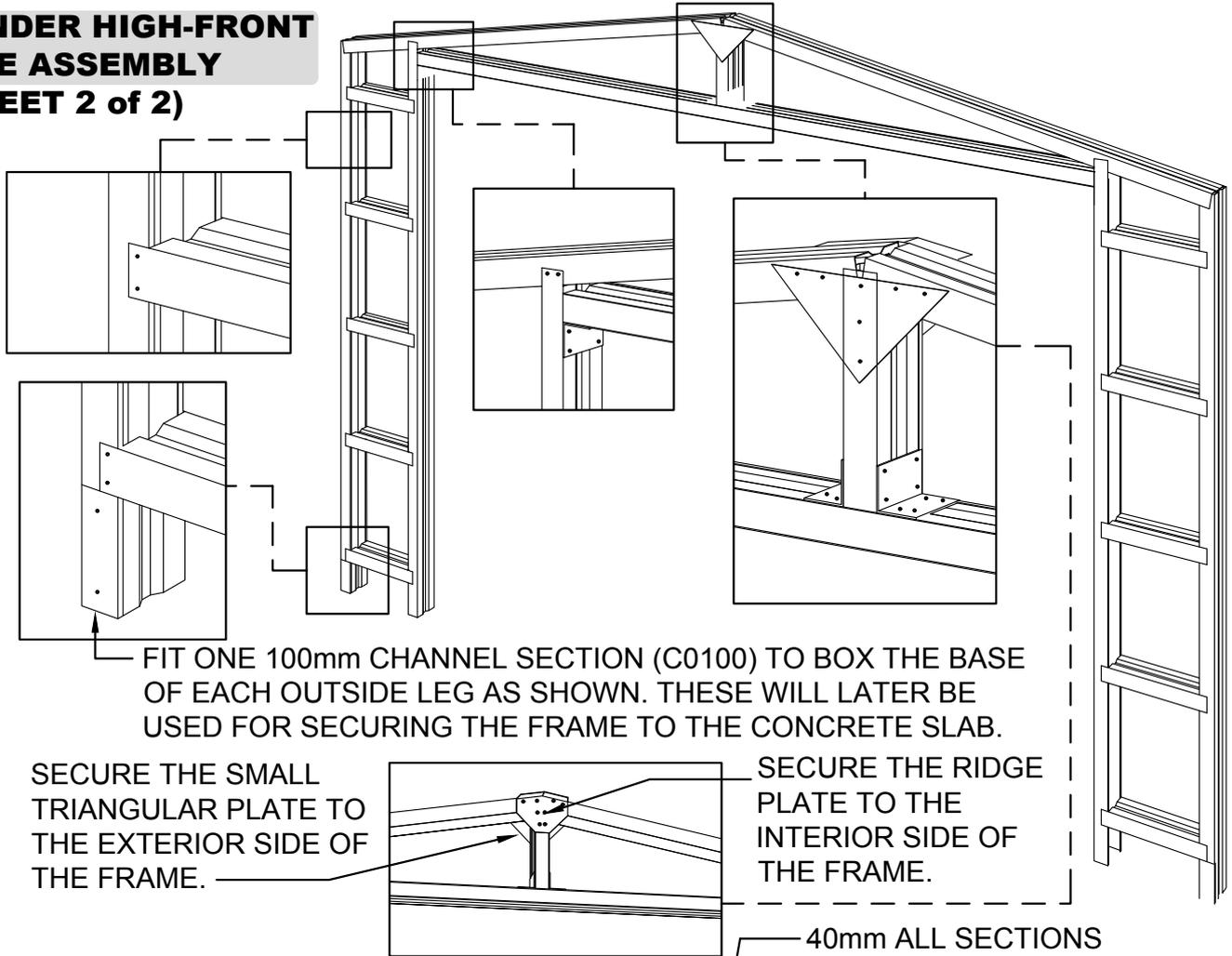


**REFER TO PAGE 7 FOR FRONT FRAME PARTS AND ACCESSORIES**





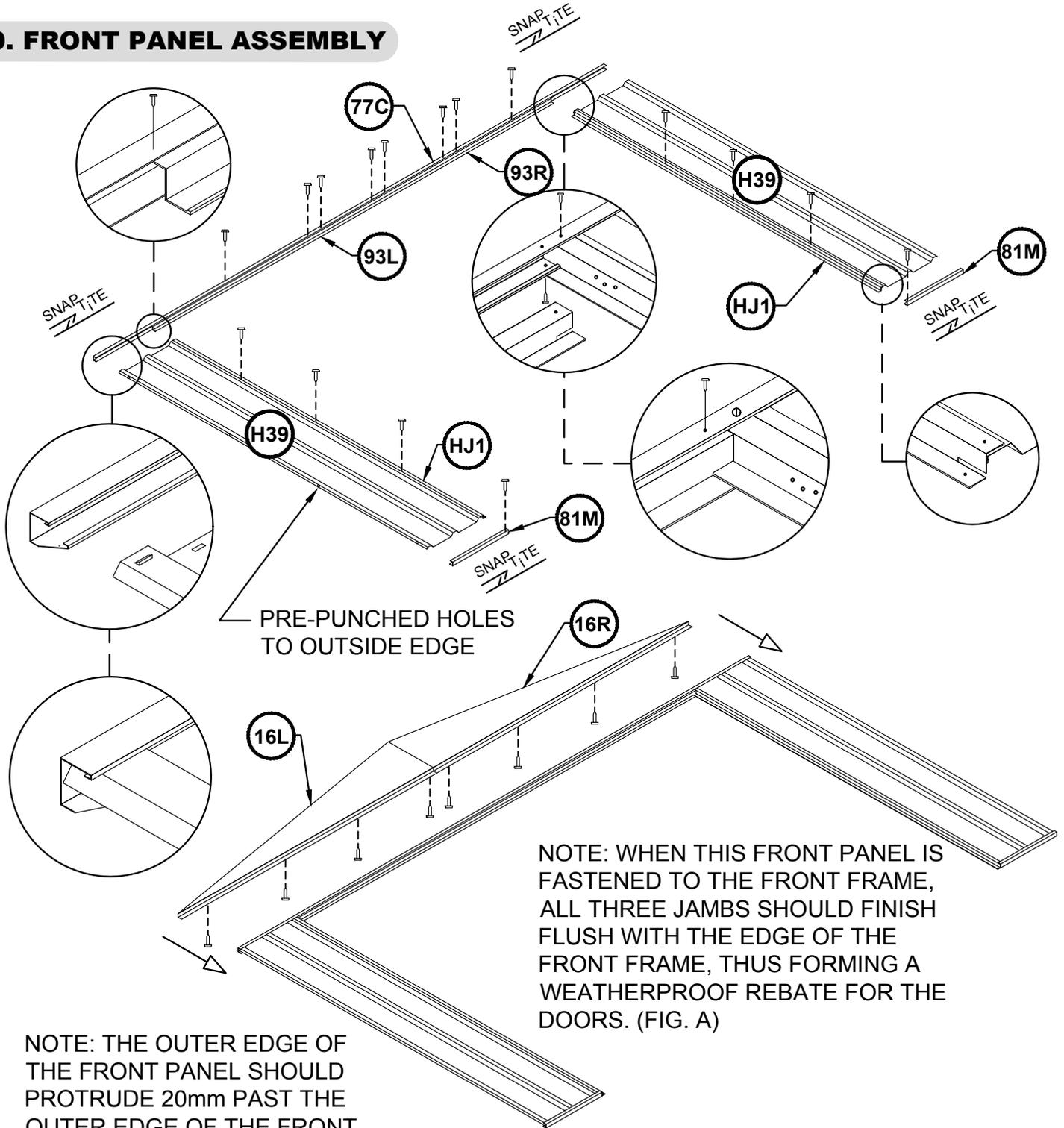
### 8. HIGHLANDER HIGH-FRONT FRAME ASSEMBLY (SHEET 2 of 2)



NOTE: IF YOU HAVE AN EDGE REBATE IN YOUR CONCRETE SLAB, YOU WILL HAVE TO CUT AN AMOUNT OFF THE BOTTOM OF THE FRAME LEGS EQUAL TO THE DEPTH OF THE REBATE.



### 9. FRONT PANEL ASSEMBLY



NOTE: WHEN THIS FRONT PANEL IS FASTENED TO THE FRONT FRAME, ALL THREE JAMBS SHOULD FINISH FLUSH WITH THE EDGE OF THE FRONT FRAME, THUS FORMING A WEATHERPROOF REBATE FOR THE DOORS. (FIG. A)

NOTE: THE OUTER EDGE OF THE FRONT PANEL SHOULD PROTRUDE 20mm PAST THE OUTER EDGE OF THE FRONT FRAME FOR CORNER LAPPING OF SIDE WALL PANELS. (FIG. B)



FIG. A FIG. A



FIG. B

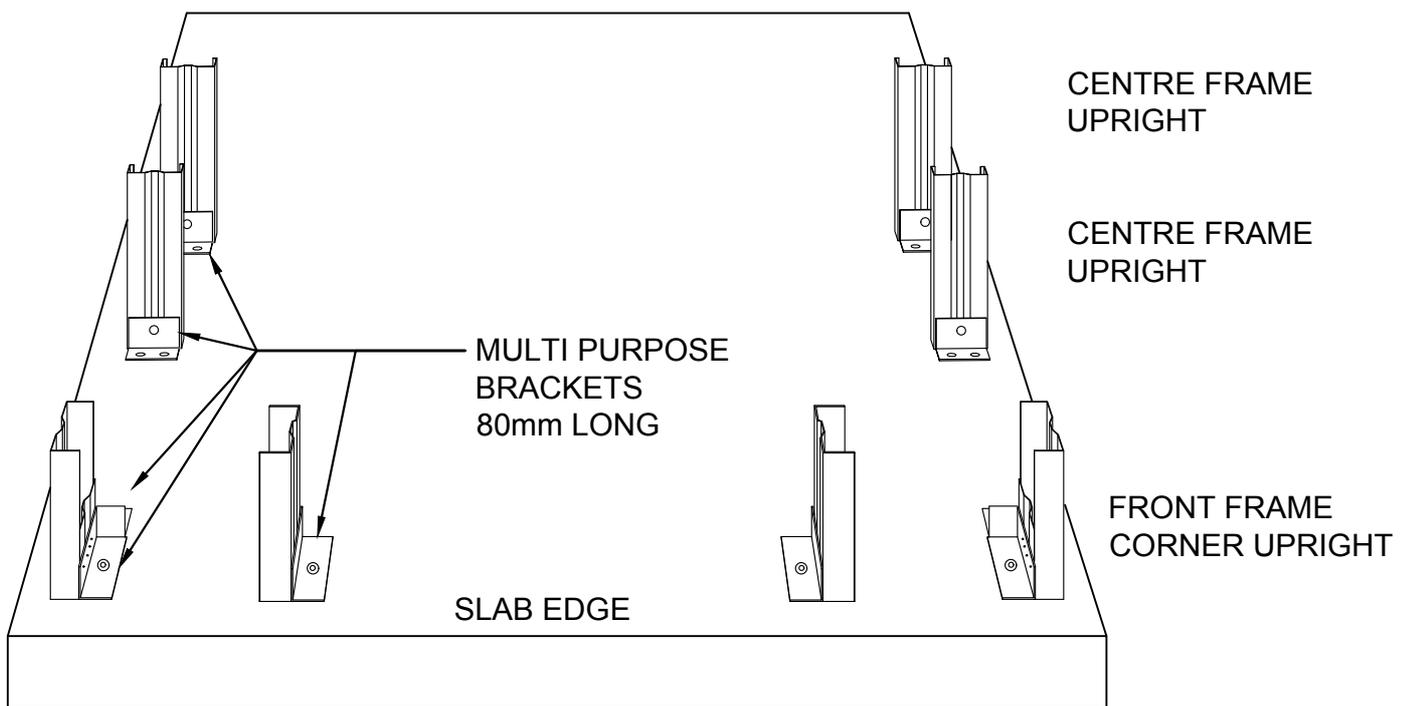
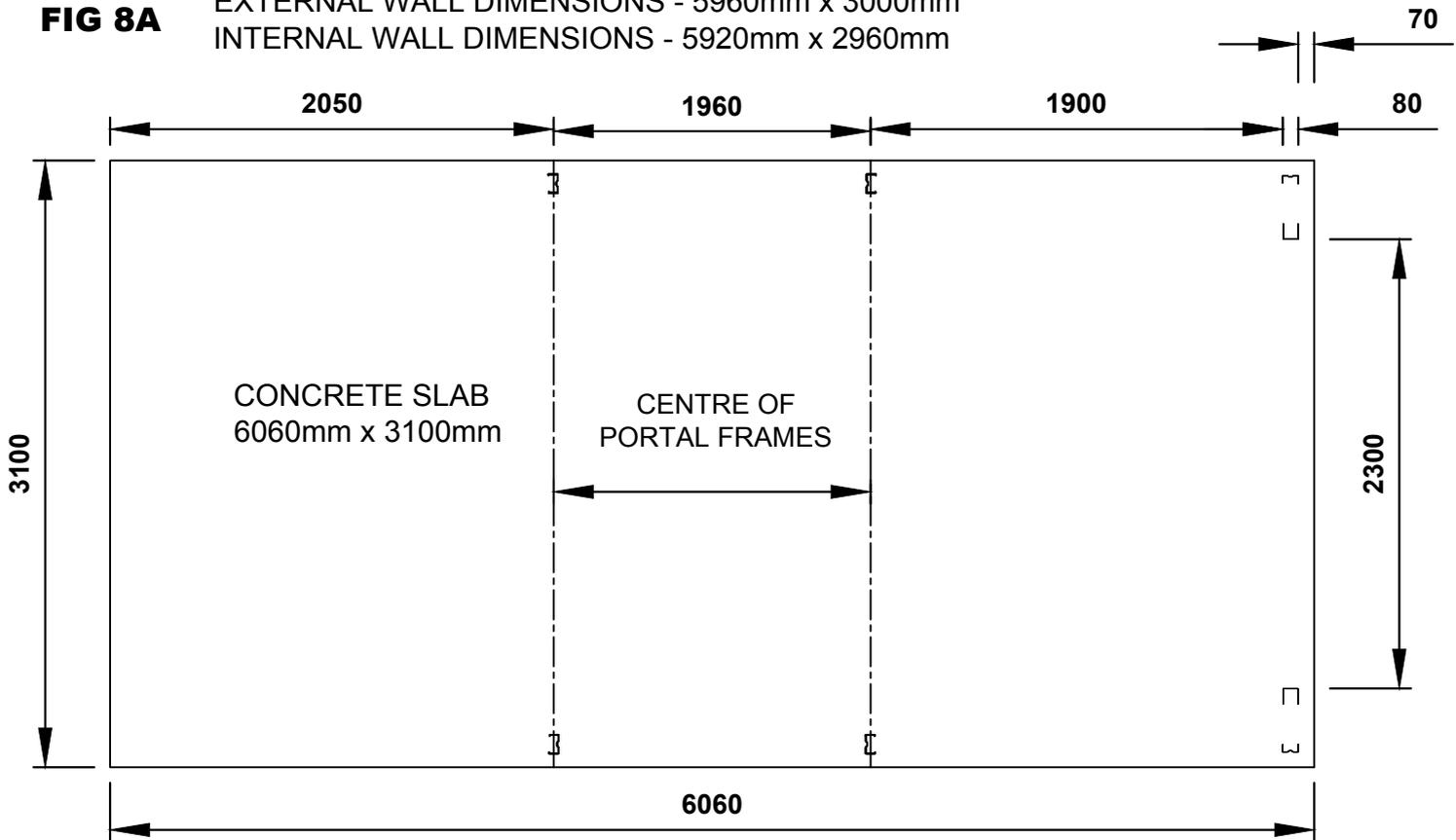
FIG. B



### FRONT AND CENTRE FRAME TO SLAB DETAILS

**FIG 8A**

RECOMMENDED SLAB DIMENSIONS - 6060mm x 3100mm  
 EXTERNAL WALL DIMENSIONS - 5960mm x 3000mm  
 INTERNAL WALL DIMENSIONS - 5920mm x 2960mm

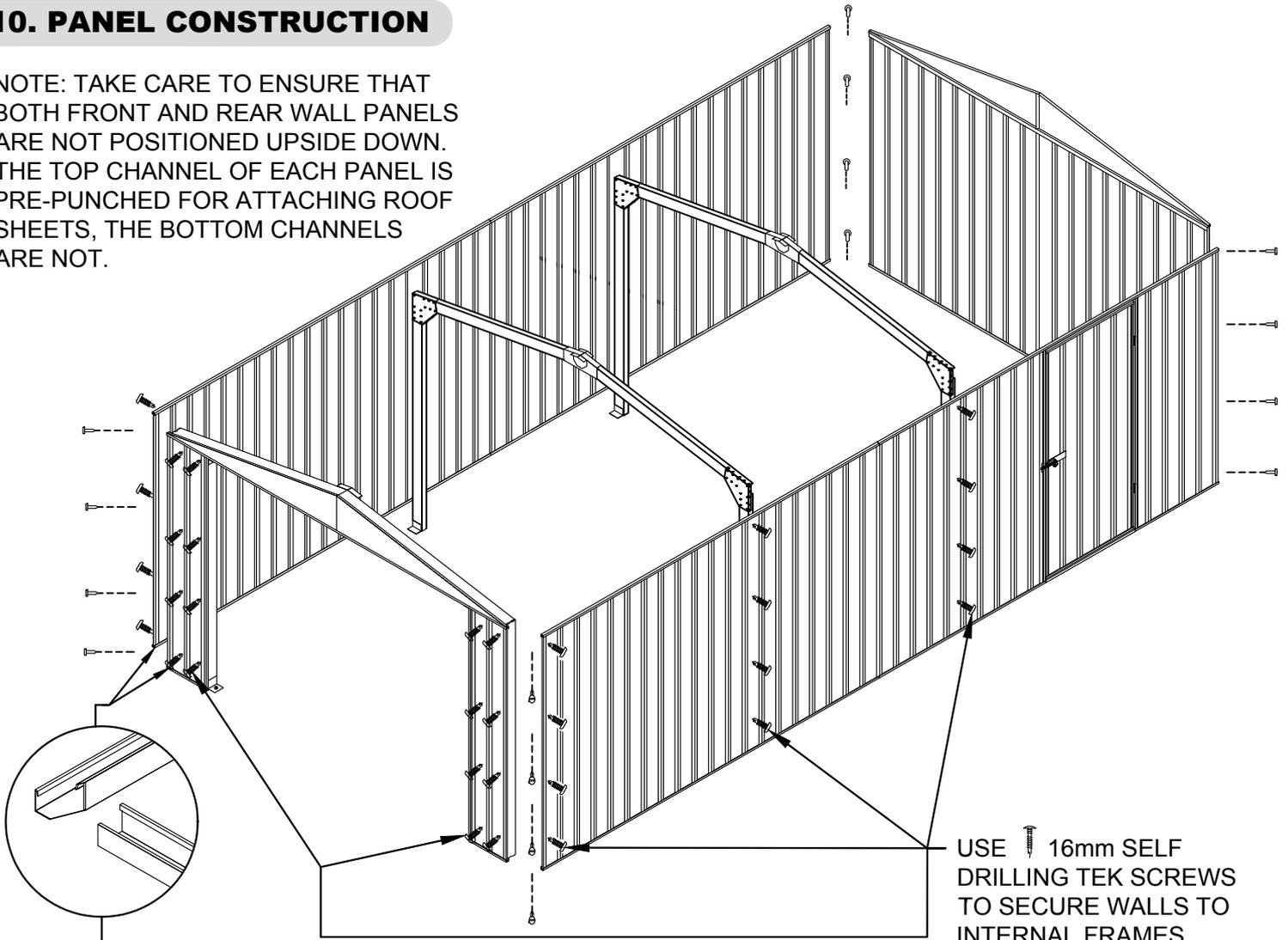


- SECURE MULTI PURPOSE BRACKETS TO UPRIGHTS USING SELF DRILLING SCREWS
- MOVE FRAMES INTO POSITION, MARK AND DRILL HOLES IN SLAB USING 10mm MASONRY DRILL BIT
- SECURE FRAMES TO SLAB WITH DYNABOLTS

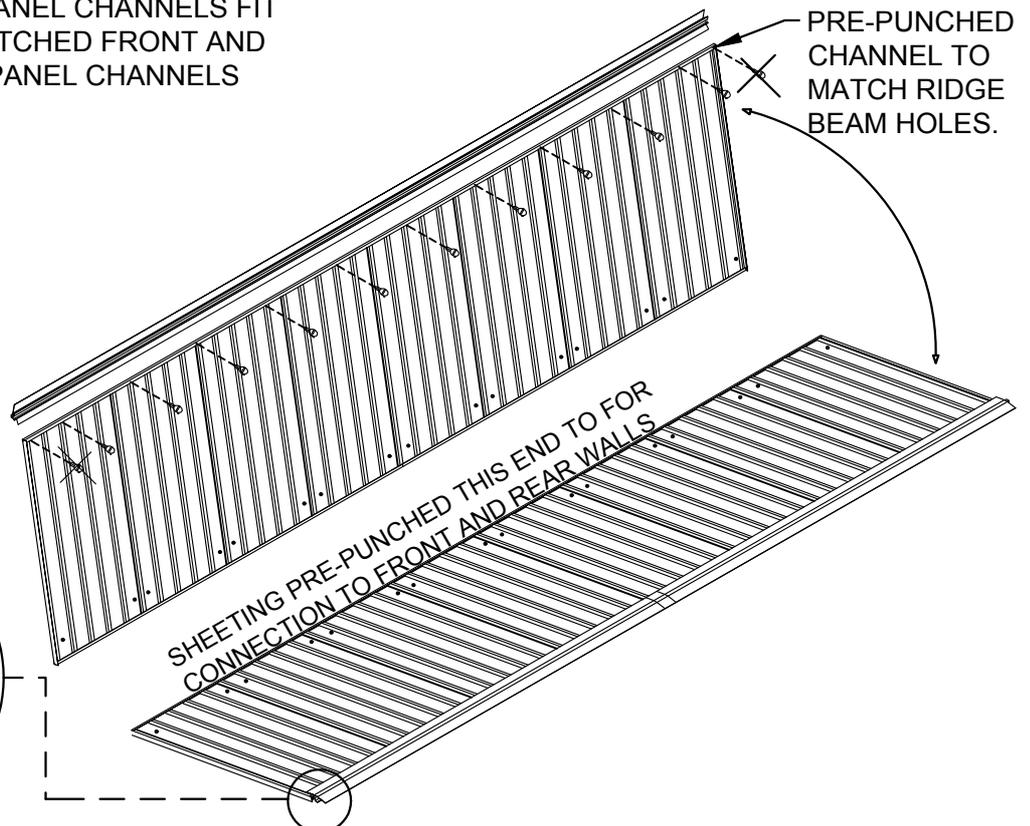
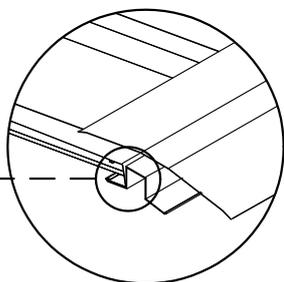
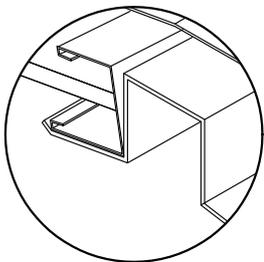
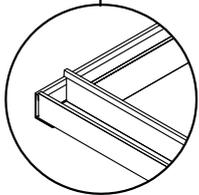
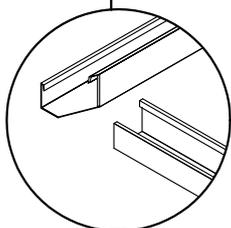


### 10. PANEL CONSTRUCTION

NOTE: TAKE CARE TO ENSURE THAT BOTH FRONT AND REAR WALL PANELS ARE NOT POSITIONED UPSIDE DOWN. THE TOP CHANNEL OF EACH PANEL IS PRE-PUNCHED FOR ATTACHING ROOF SHEETS, THE BOTTOM CHANNELS ARE NOT.



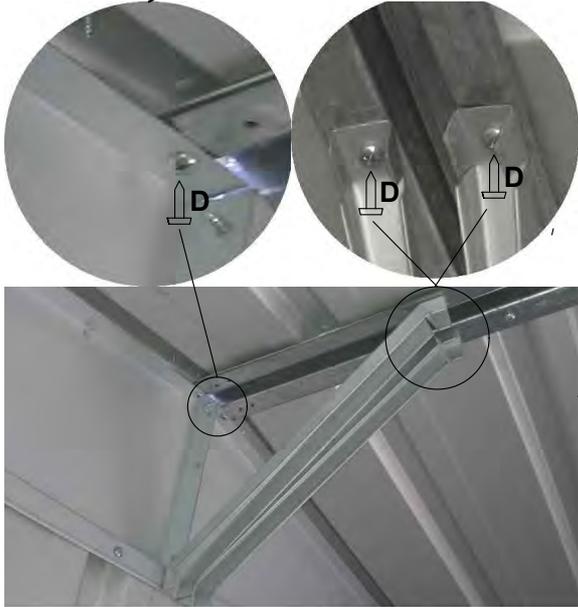
SIDE WALL PANEL CHANNELS FIT INTO THE NOTCHED FRONT AND REAR WALL PANEL CHANNELS



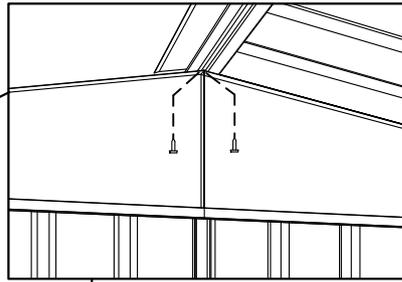


### 11. ROOF CONSTRUCTION

**1** SLIDE THE ROOF PANELS INTO POSITION, AND SECURE WITH ONE SCREW AT EACH CORNER ONLY AT THIS STAGE.

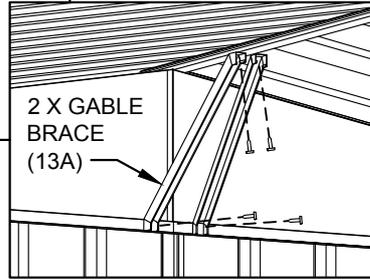


**2** INSIDE VIEW



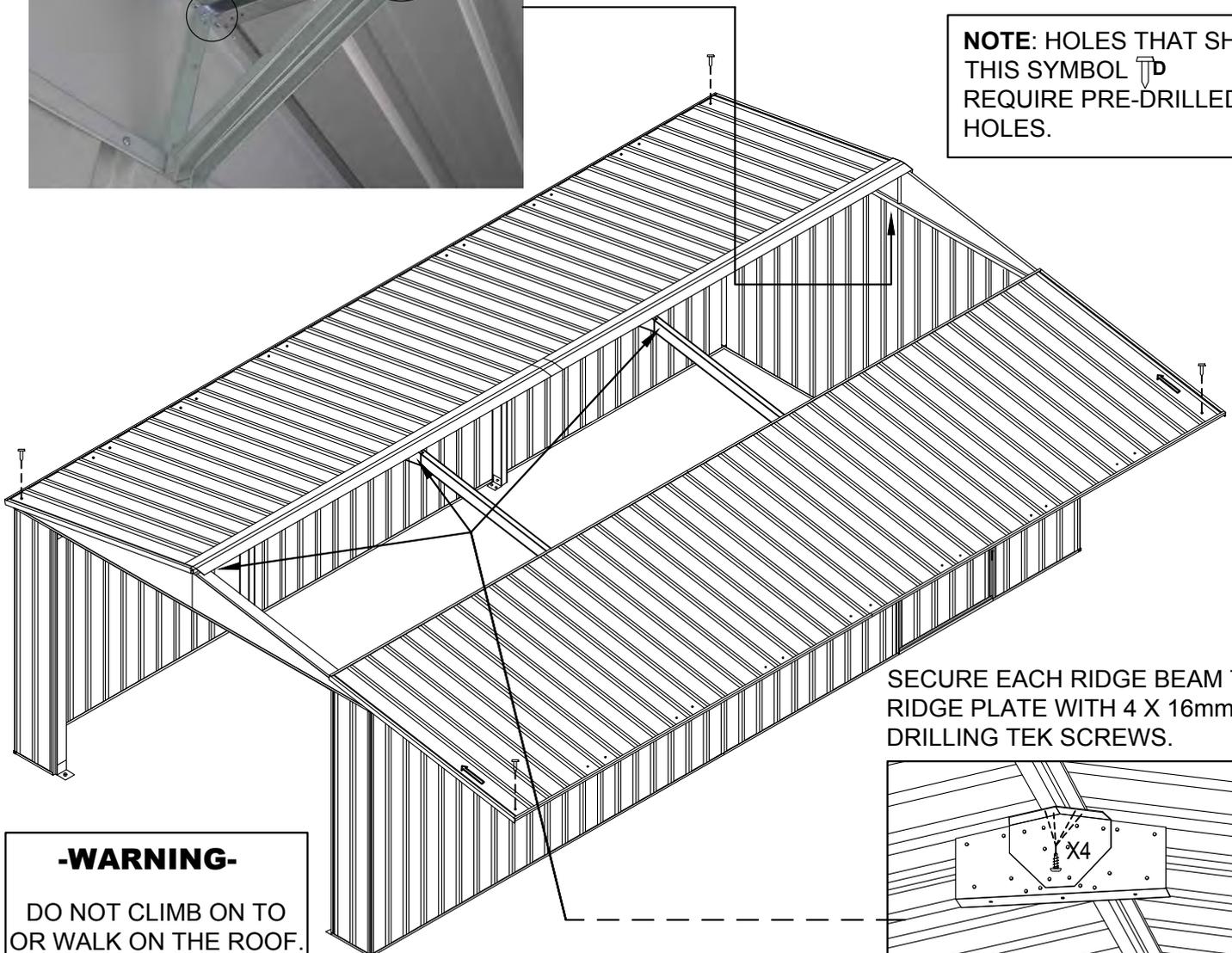
SECURE RIDGE BEAM TO GABLE SECTIONS WITH TWO SCREWS AT . THEN SECURE EACH END EACH ROOF PANEL WITH ONE SCREW IN EACH CORNER ONLY AT THIS STAGE

**3** INSIDE VIEW

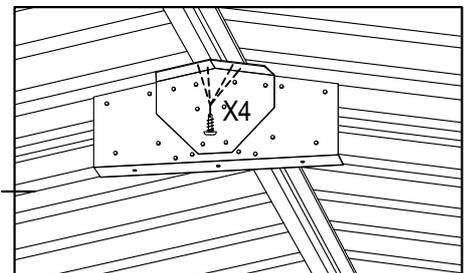


AFTER THE ROOF PANELS HAVE BEEN SECURED, FIT TWO GABLE BRACES (13A) FROM THE TOP WALL CHANNEL TO THE UNDERSIDE OF THE RIDGE BEAM AT 45 DEGREES AS SHOWN.

**NOTE:** HOLES THAT SHOW THIS SYMBOL  REQUIRE PRE-DRILLED HOLES.



SECURE EACH RIDGE BEAM TO EACH RIDGE PLATE WITH 4 X 16mm SELF DRILLING TEK SCREWS.



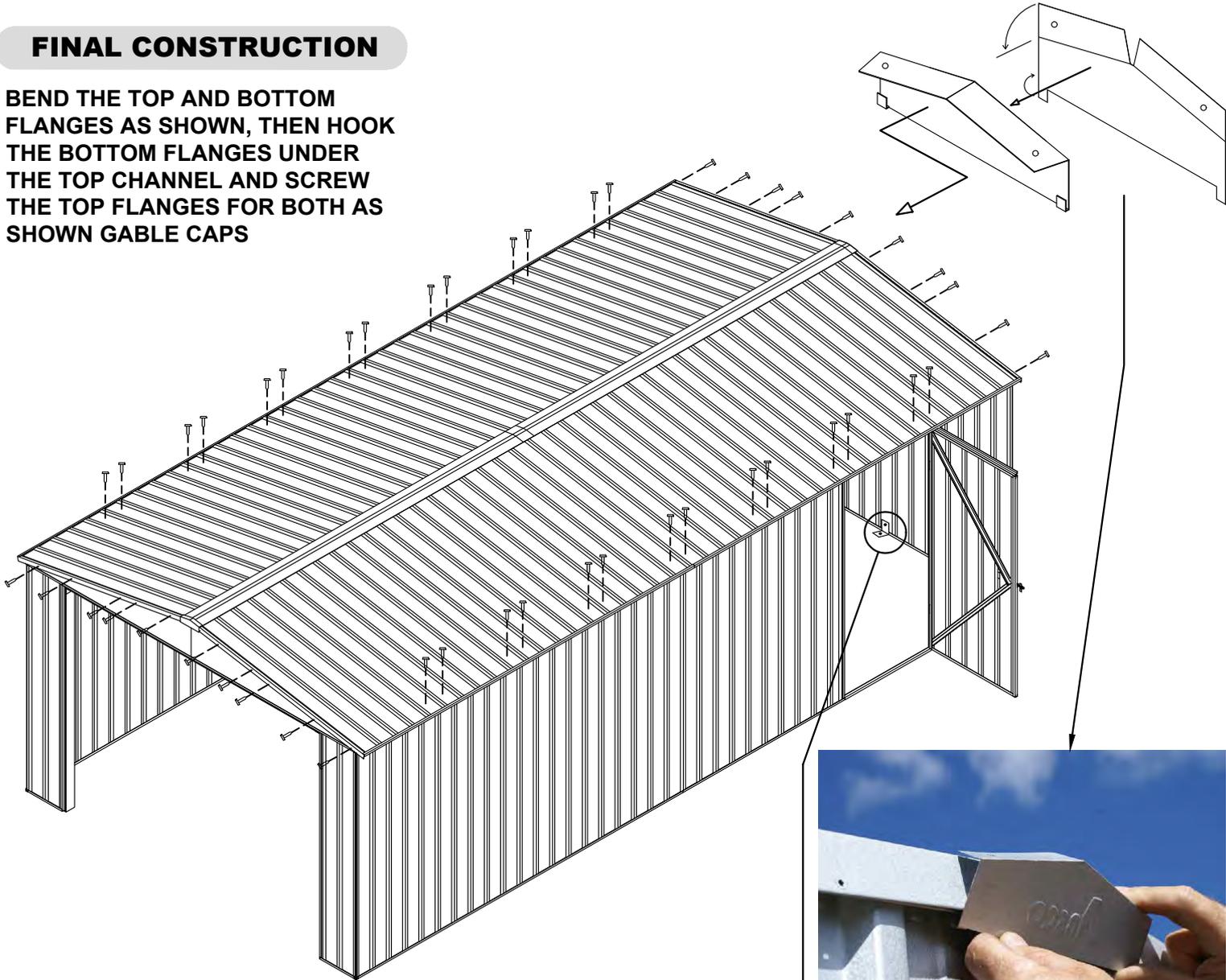
**-WARNING-**

DO NOT CLIMB ON TO OR WALK ON THE ROOF.

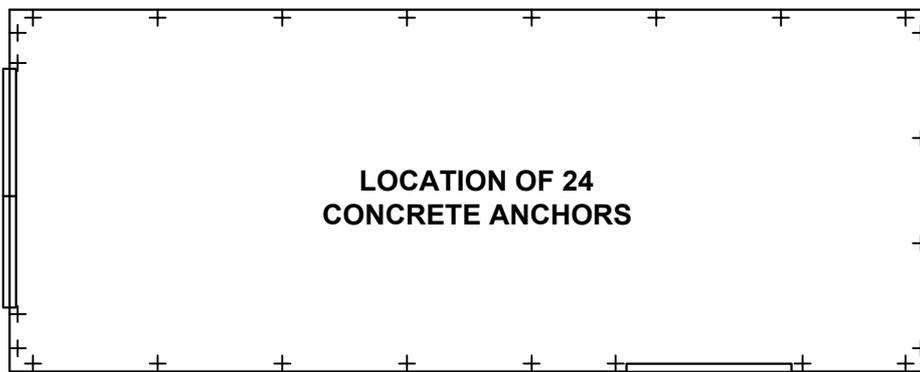


### FINAL CONSTRUCTION

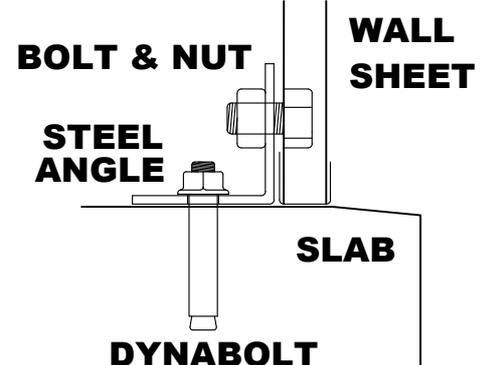
BEND THE TOP AND BOTTOM FLANGES AS SHOWN, THEN HOOK THE BOTTOM FLANGES UNDER THE TOP CHANNEL AND SCREW THE TOP FLANGES FOR BOTH AS SHOWN GABLE CAPS



### ANCHORING OF SHED



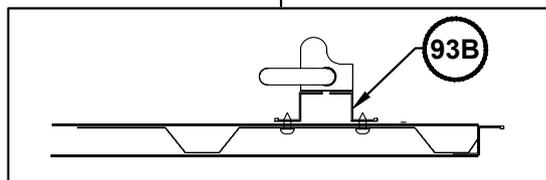
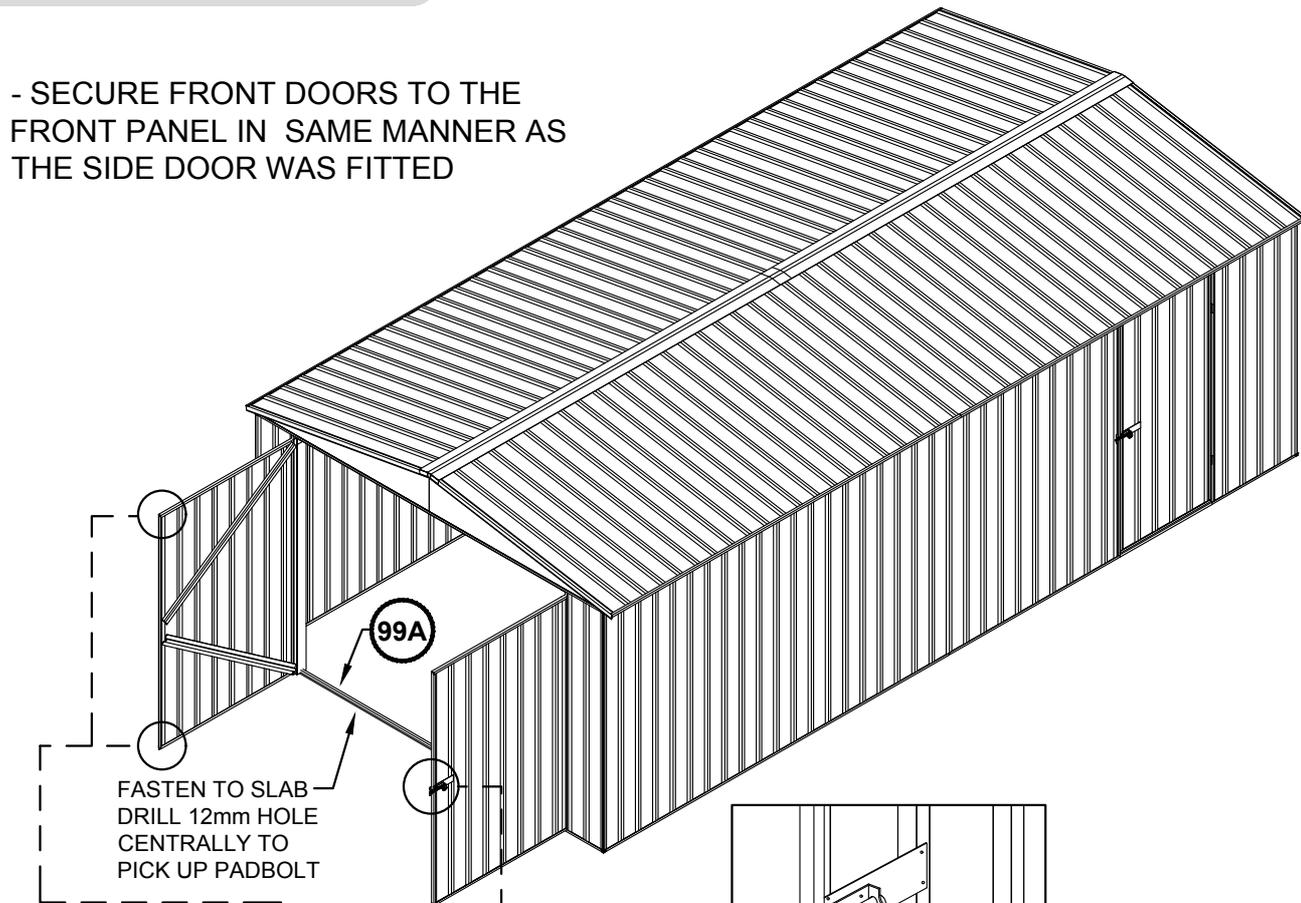
- EACH ANCHOR CONSISTS OF ONE NUT, BOLT, DYNABOLT AND STEEL ANGLE
- DRILL A 10mm HOLE INTO THE WALL SHEET
- DRILL A 10mm HOLE INTO THE CONCRETE



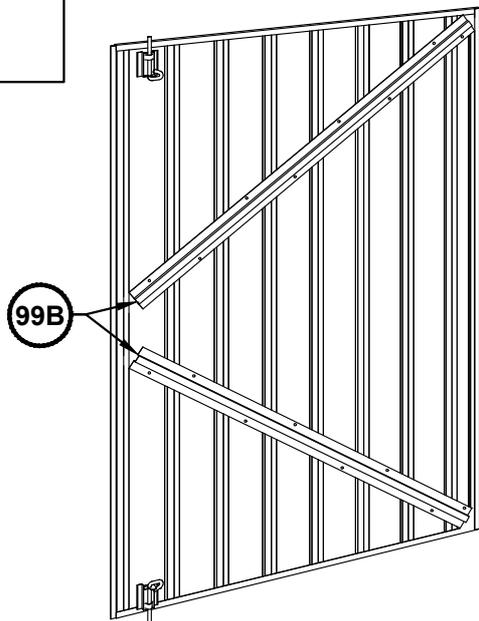
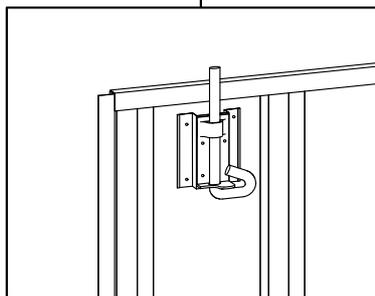


### DOOR INSTALLATION

- SECURE FRONT DOORS TO THE FRONT PANEL IN SAME MANNER AS THE SIDE DOOR WAS FITTED



USE THE 75mm JAMB SECTIONS (93B) AS PADBOLT SUPPORTS. DRILL AND SECURE THESE SECTIONS TO THE TOP AND BOTTOM OF THE DOOR, THEN FIT PADBOLTS.



FIT DOOR BRACES (99B) TO EACH DOOR AS SHOWN BY FASTENING AT EACH END, THEN DRILLING REMAINDER HOLES FROM THE INSIDE FACE OF EACH DOOR AND SECURING WITH SCREWS FROM THE OUTSIDE FACE OF EACH DOOR.

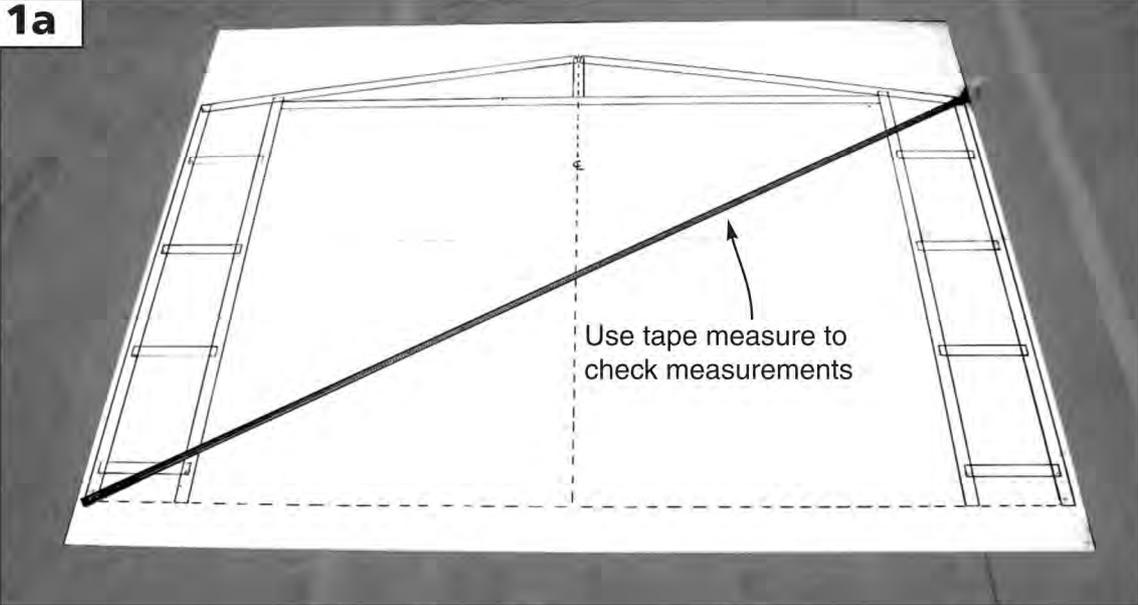


## **ABSCO HIGHLANDER SHED: HIGH-FRONT FRAME ASSEMBLY SUPPORT PHOTOGRAPHS**

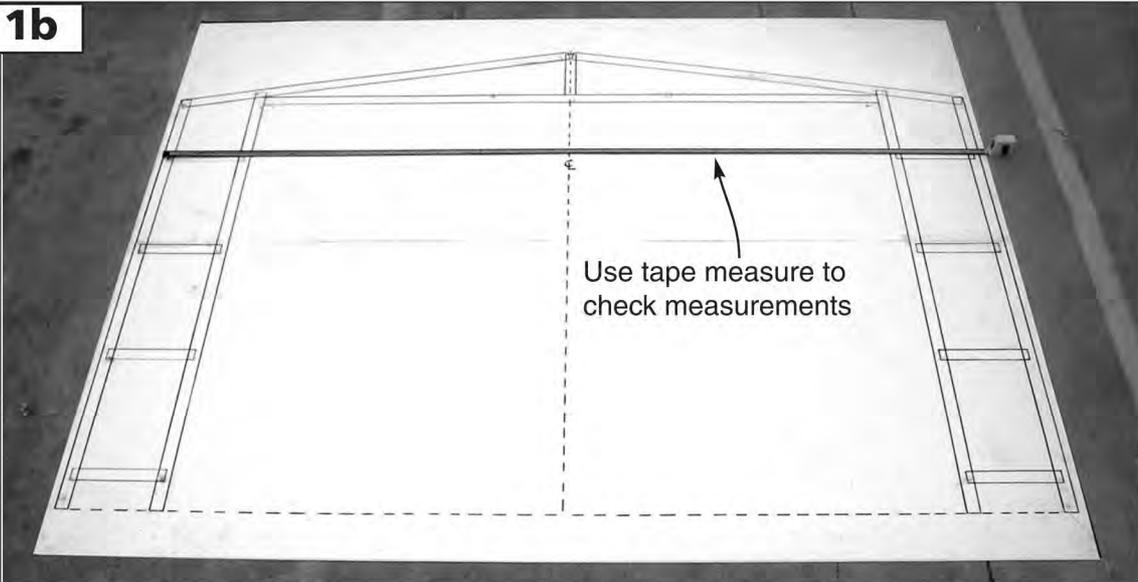
- |                                |   |
|--------------------------------|---|
| <b>STEP 1A, B, C:</b>          | <b>Draw pattern on concrete (Ref, pg 22).</b>           |
| <b>STEP 2:</b>                 | <b>Understand where components are to be positioned</b> |
| <b>STEP 3A, B, C:</b>          | <b>Join C0100 to C2034</b>                              |
| <b>STEP 4A, B:</b>             | <b>Join C2034 to M1484</b>                              |
| <b>STEP 5A, B, C, D, E, F:</b> | <b>Join K0285 to C2034 &amp; N2070</b>                  |
| <b>STEP 6A, B, C:</b>          | <b>Fit multi purpose bracket</b>                        |
| <b>STEP 7A, B, C, D, E:</b>    | <b>Assemble the C0240 &amp; C2300 sections</b>          |
| <b>STEP 8A, B, C, D, E:</b>    | <b>Join all sections together</b>                       |
| <b>STEP 9A, B:</b>             | <b>Turn frame over and repeat steps 4 to 8</b>          |
| <b>STEP 10:</b>                | <b>Fully Assembled front frame</b>                      |



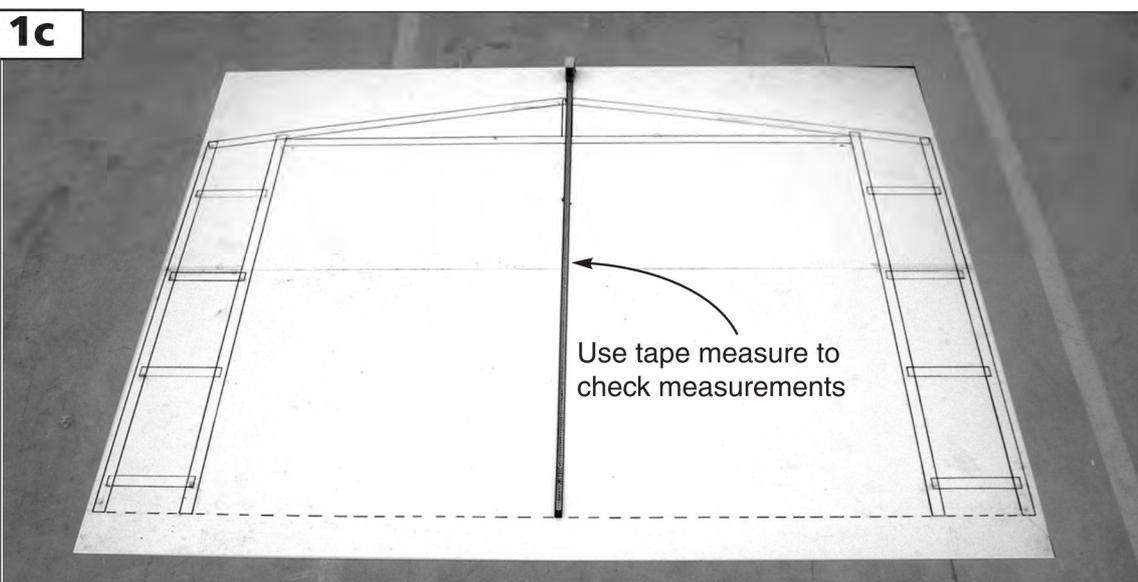
### Step 1a



### Step 1b

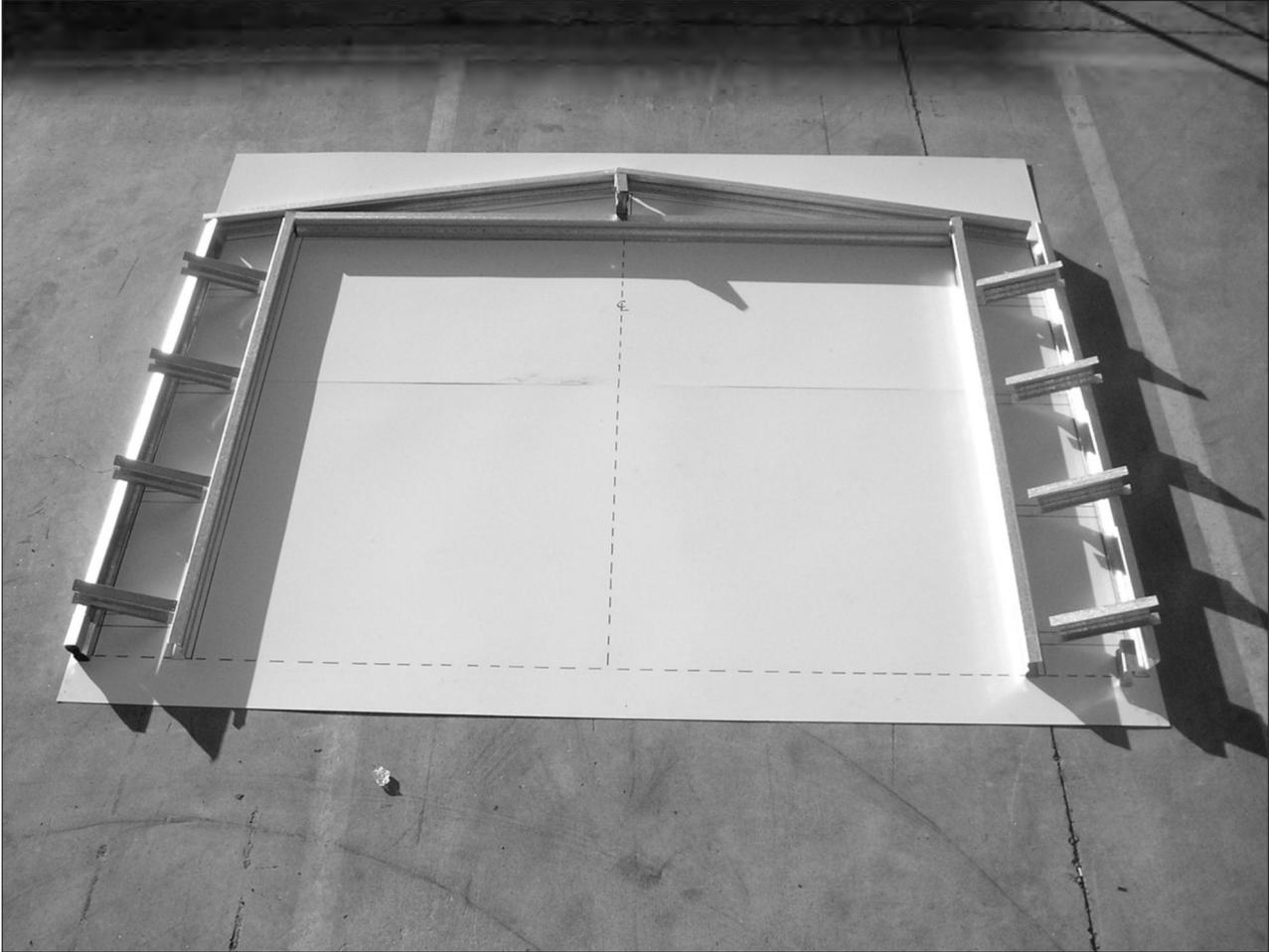


### Step 1c



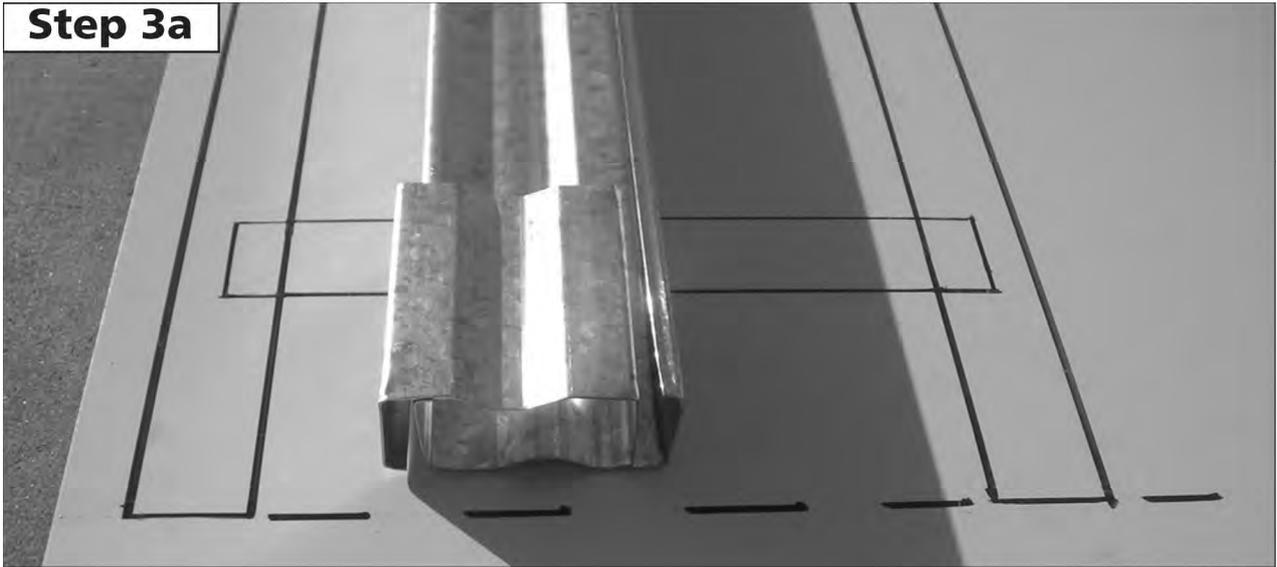


**Step 2**





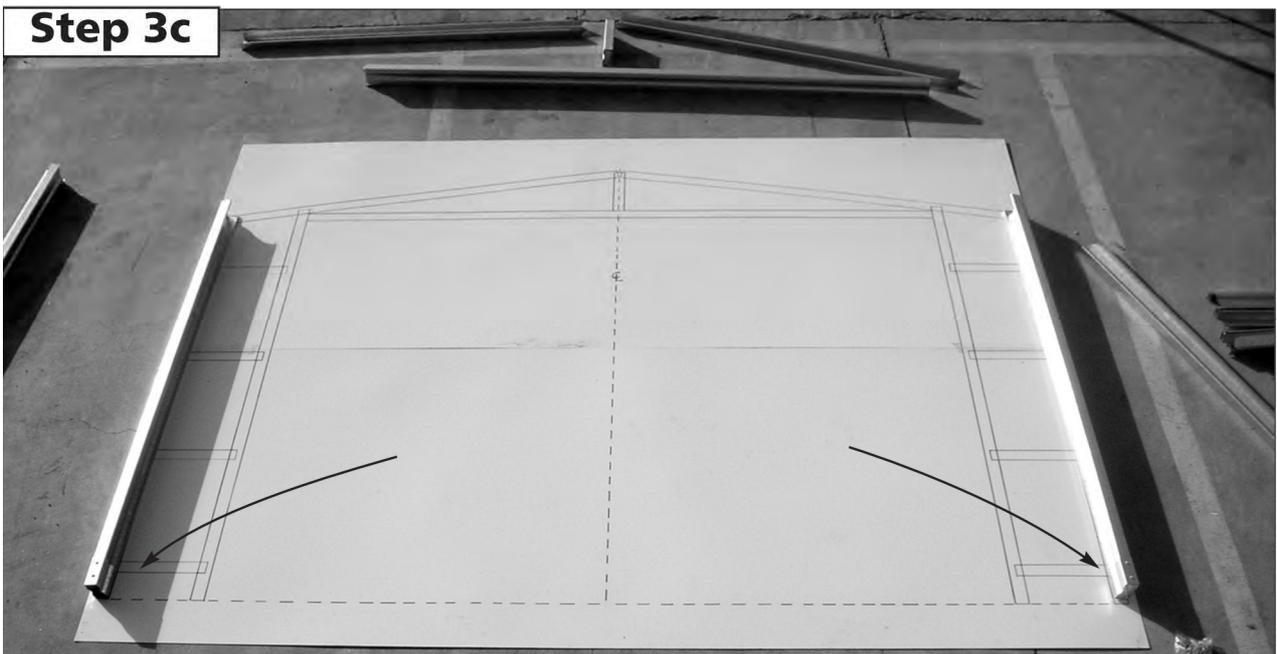
**Step 3a**



**Step 3b**



**Step 3c**

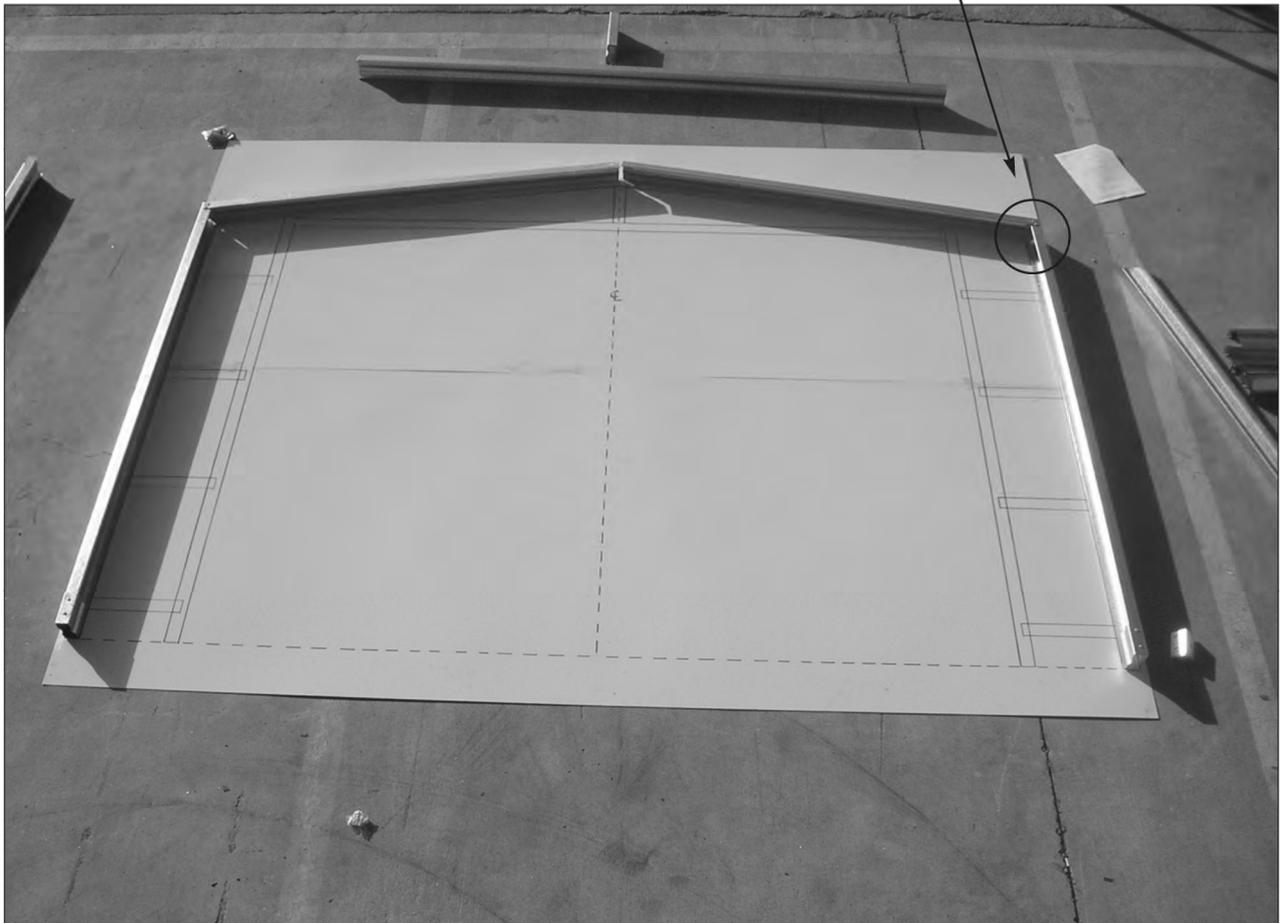




**Step 4a**



**Step 4b**

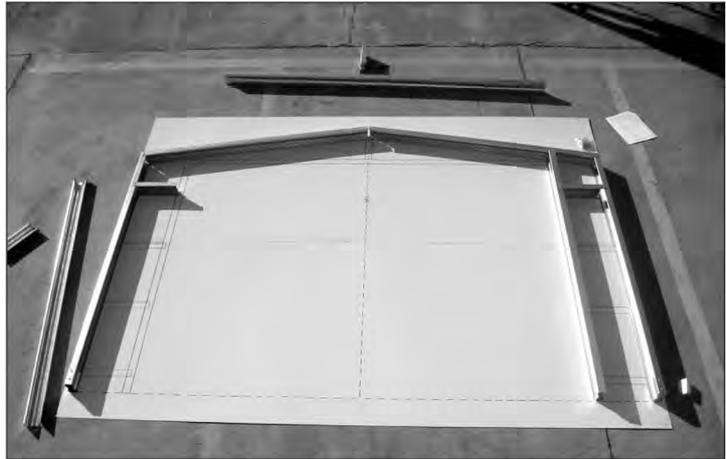




**Step 5a**



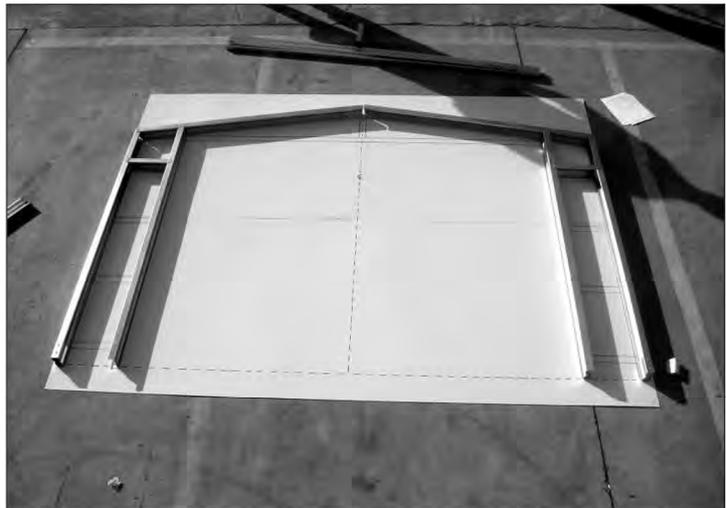
**Step 5b**



**Step 5c**



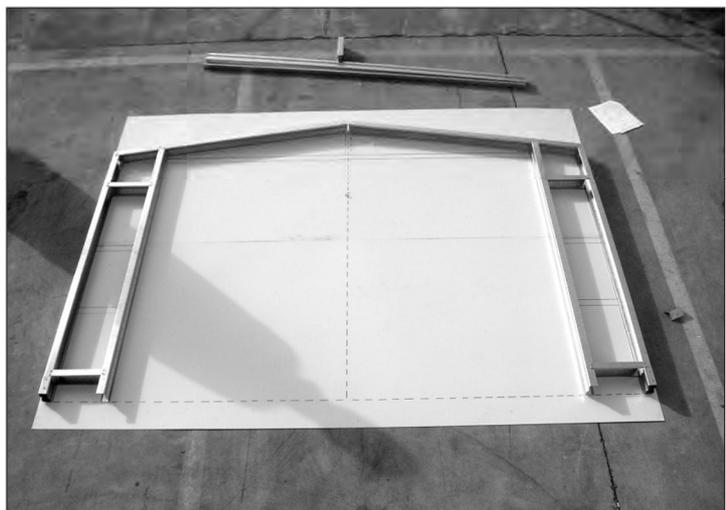
**Step 5d**



**Step 5e**

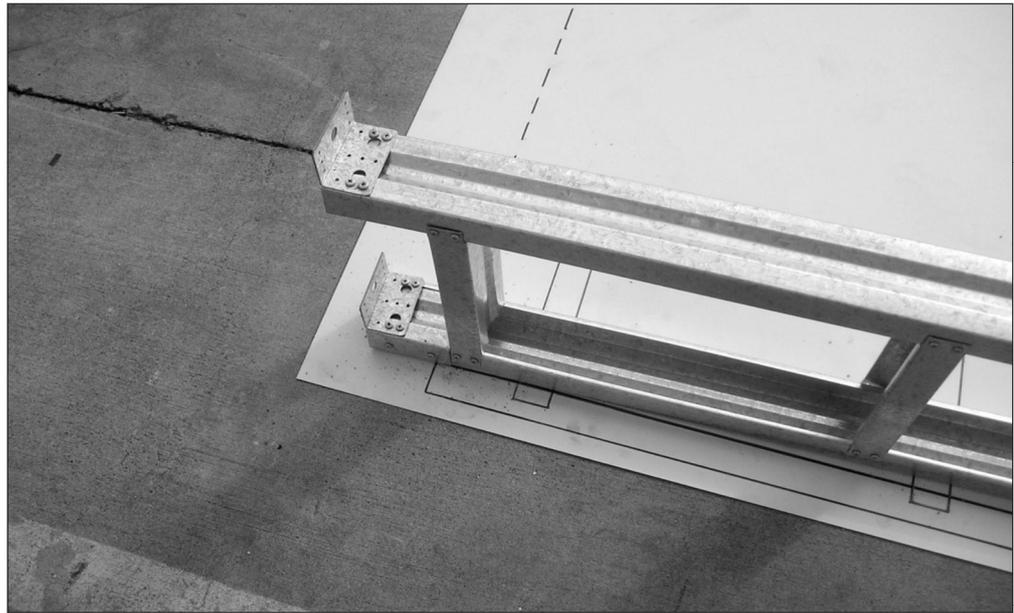


**Step 5f**

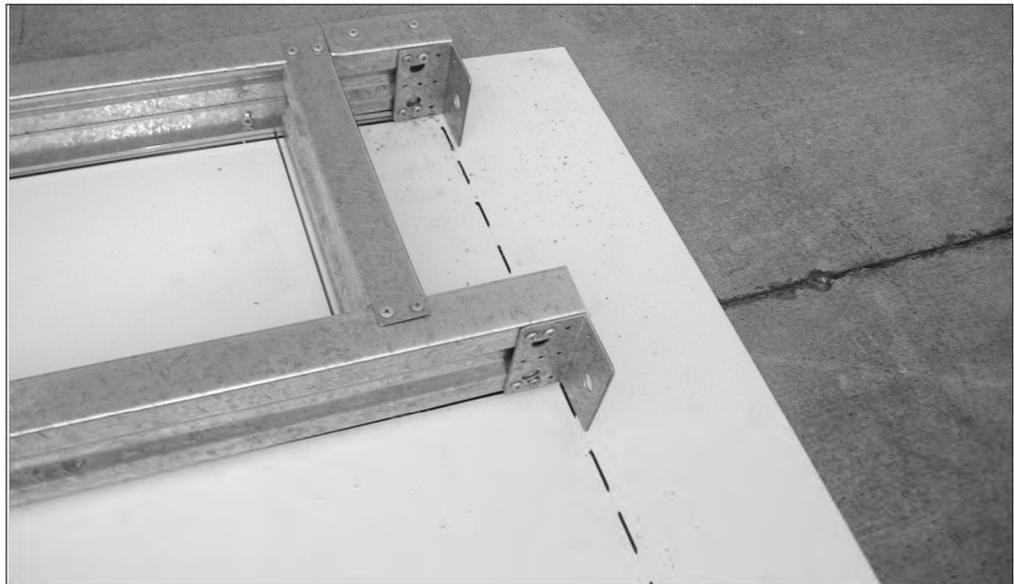




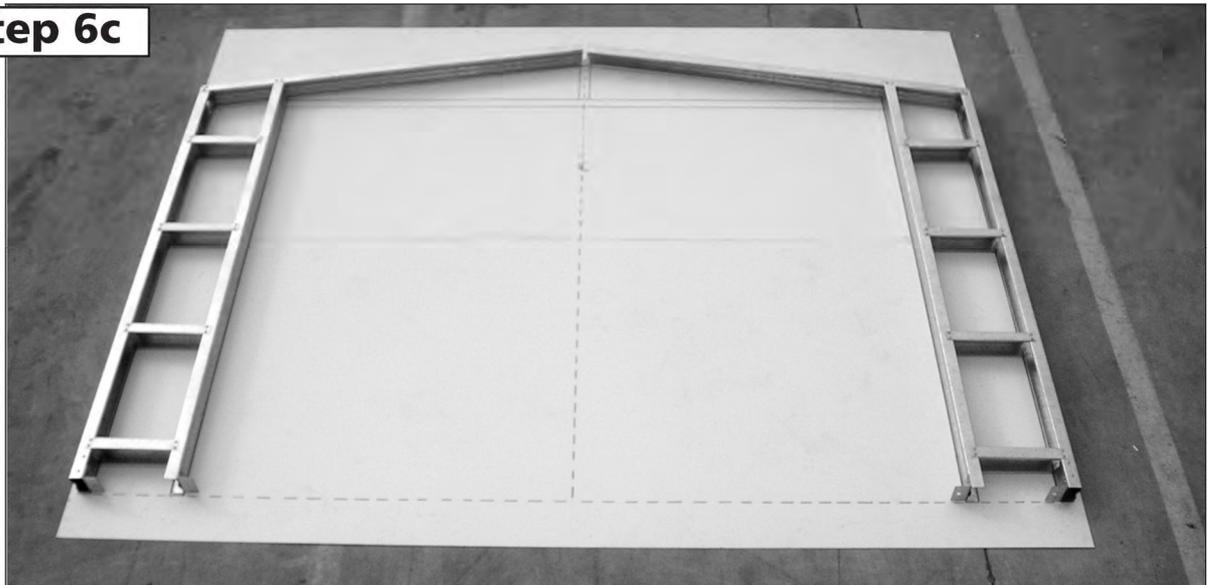
**Step 6a**



**Step 6b**

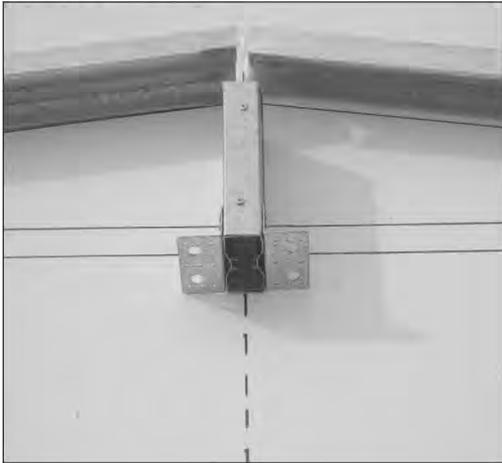


**Step 6c**

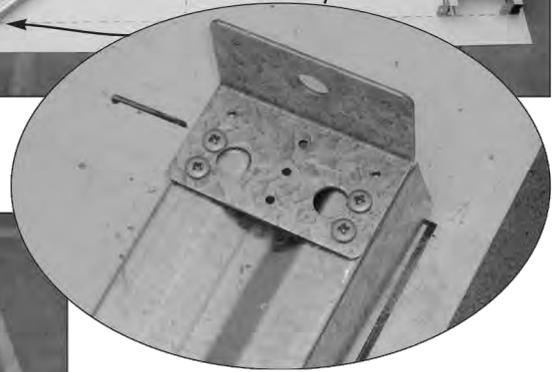




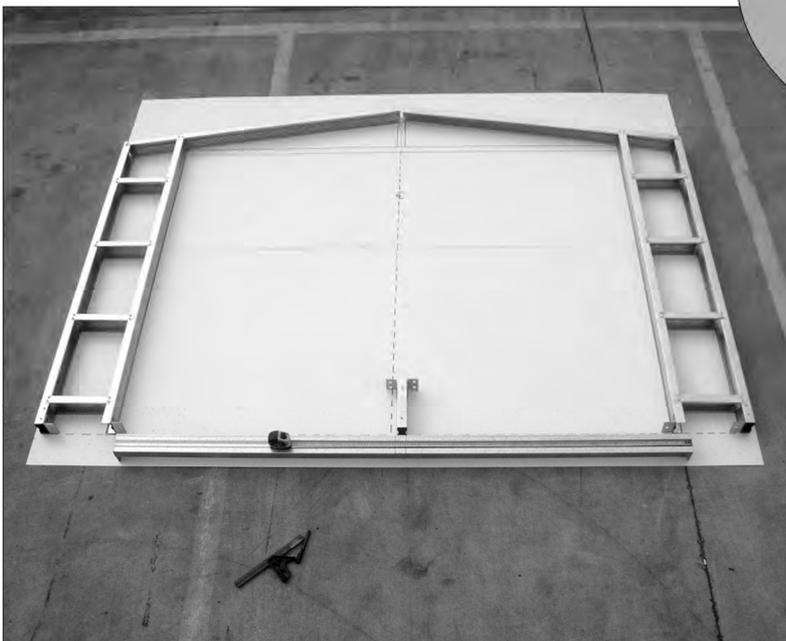
**Step 7a**



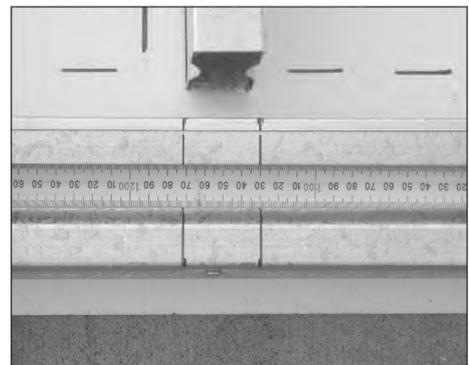
**Step 7b**



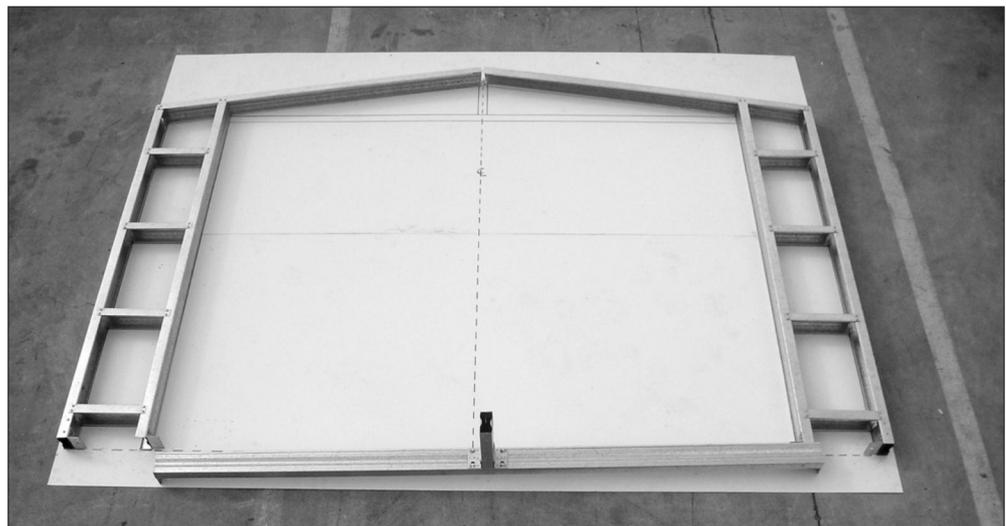
**Step 7c**



**Step 7d**



**Step 7e**





**Step 8a**



**Step 8b**



**Step 8c**



**Step 8d**

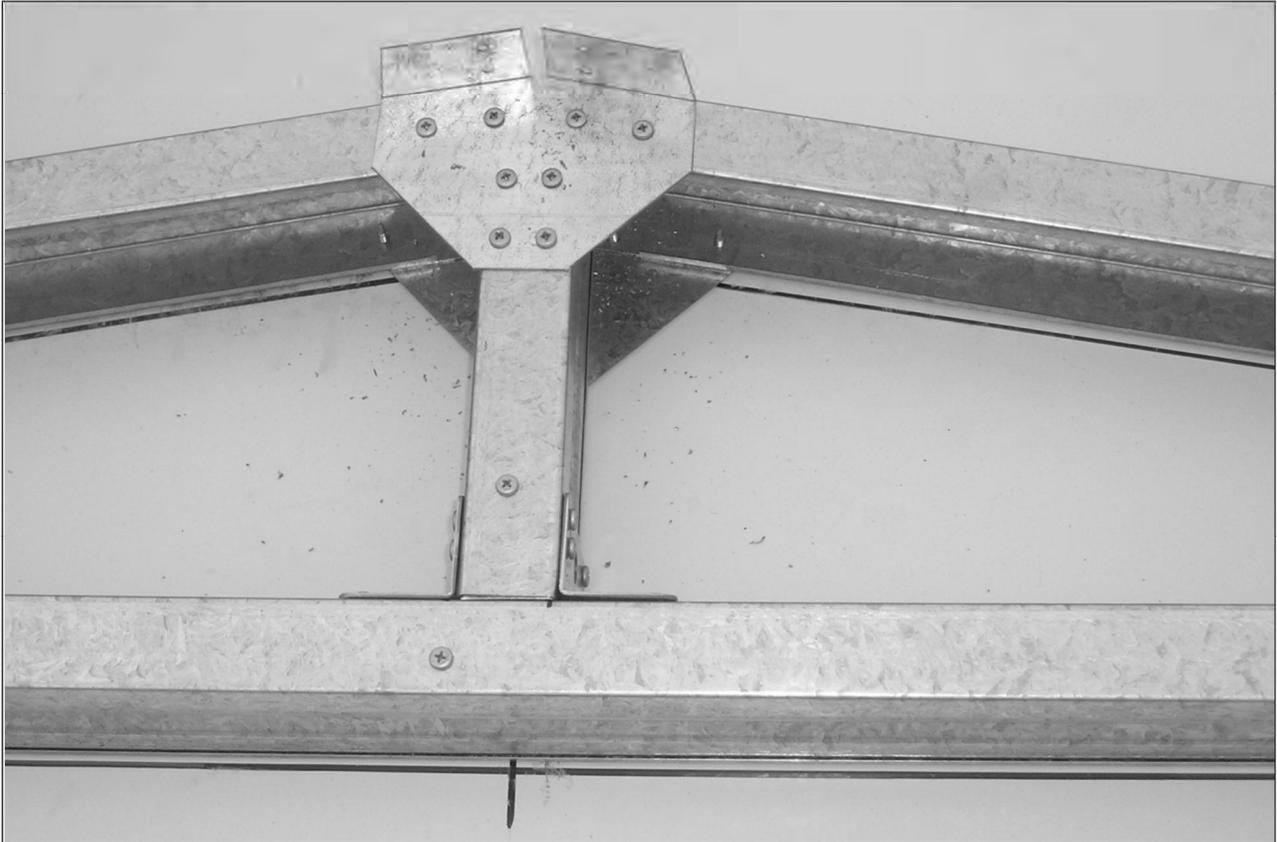


**Step 8e**





**Step 9a**

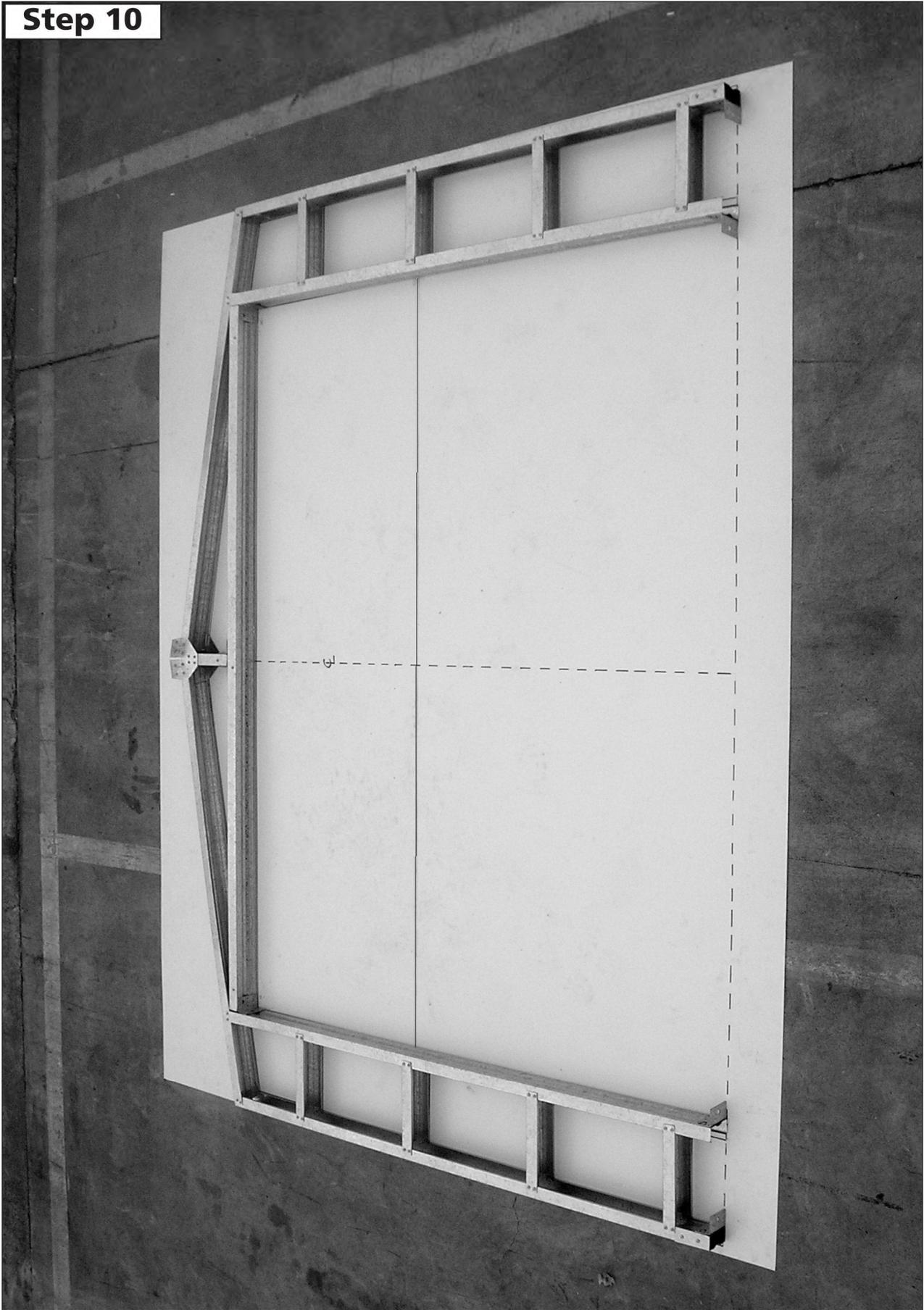


**Step 9b**





**Step 10**





## **ABSCO HIGH-PORTAL FRAME ASSEMBLY ASSEMBLY SUPPORT PHOTOGRAPHS**

**STEP 1A, B, C: Draw pattern on concrete, in accordance with the dimensions detailed in the assembly instruction.**

**STEP 2A, B, C: Understand where components are to be positioned**

**STEP 3A, B, C: Join C1482 C1954**

**STEP 4A, B, C: Join C1482 to C1482**

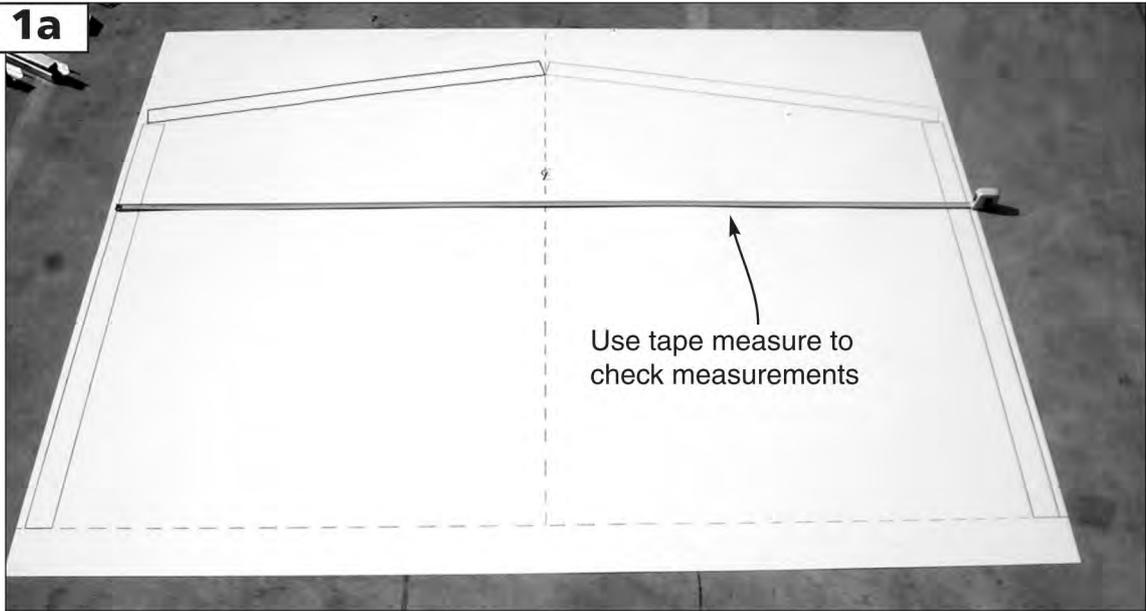
**STEP 5A, B: Secure ridge plate (RBP)**

**STEP 6A, B: Secure multi purpose brackets**

**STEP 7A, B, C, D: Turn frame over, repeat steps 4,5**



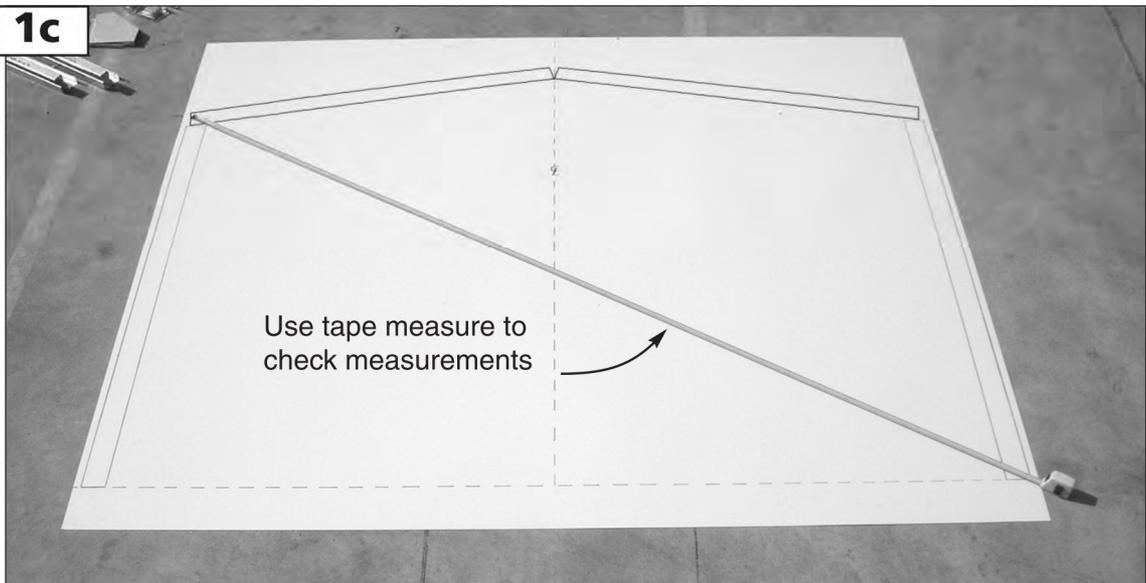
### Step 1a



### Step 1b

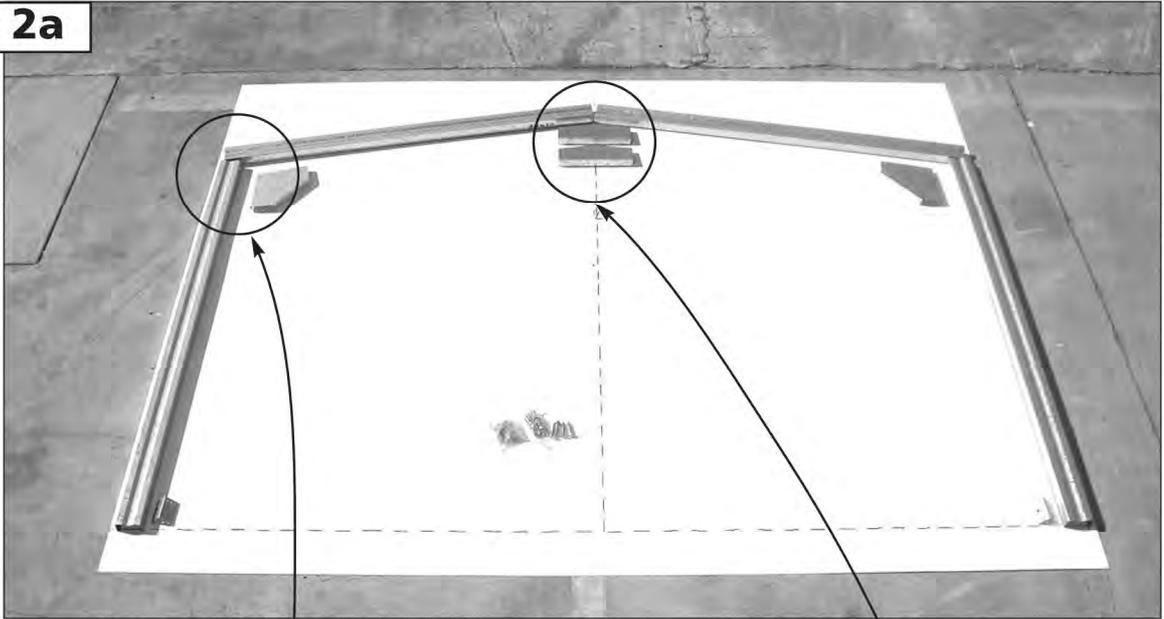


### Step 1c

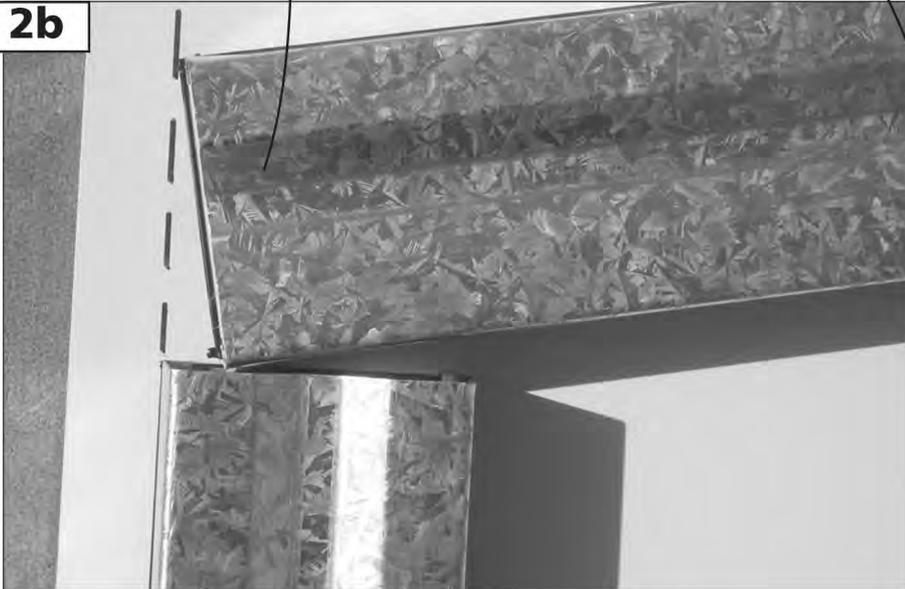




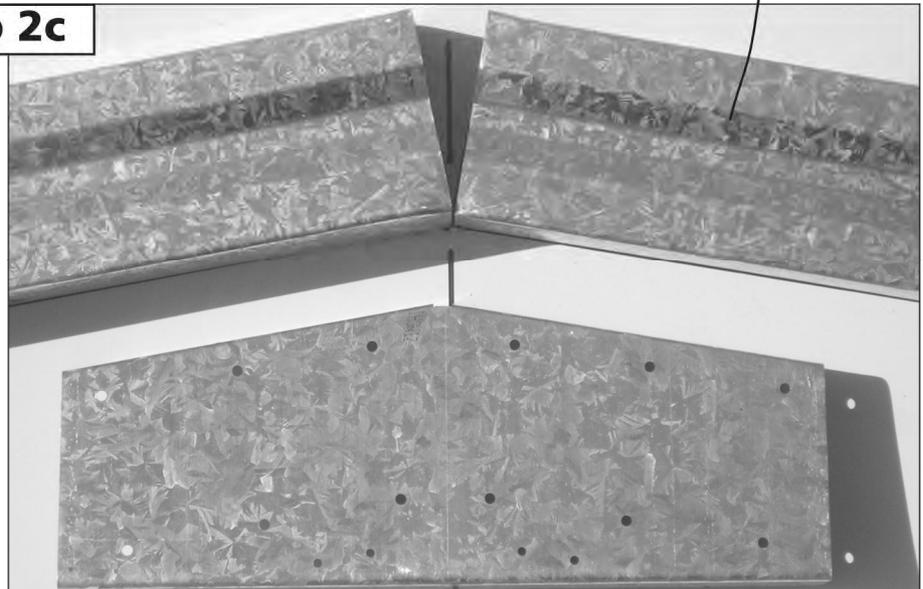
**Step 2a**



**Step 2b**



**Step 2c**

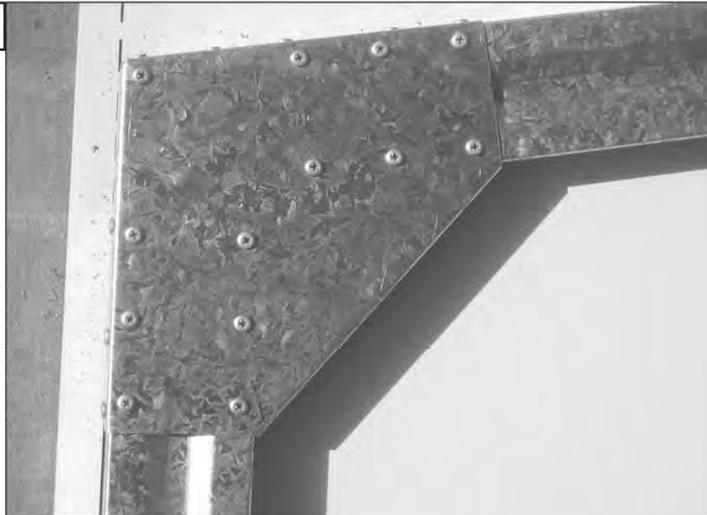




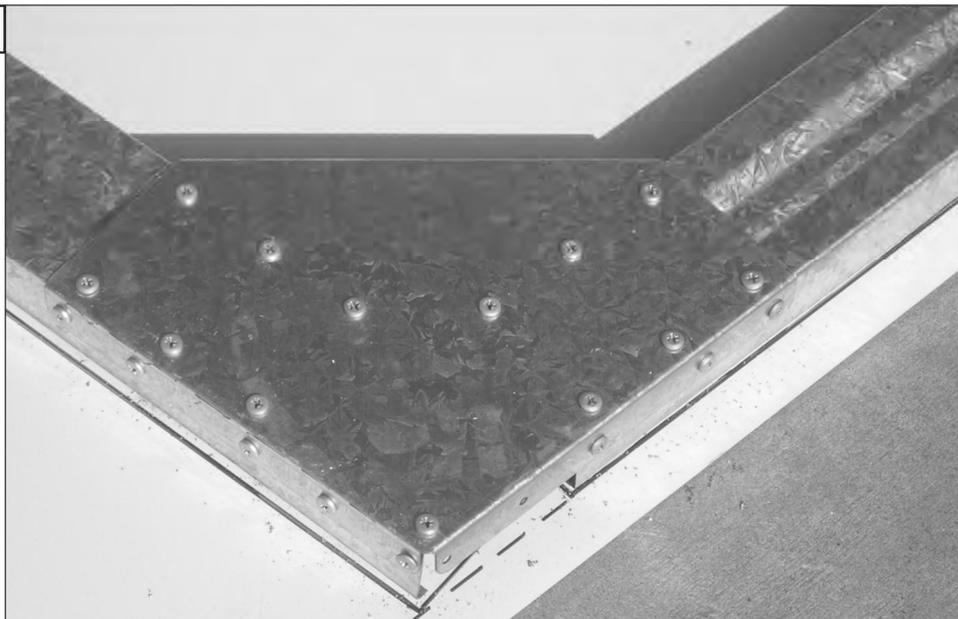
**Step 3a**



**Step 3b**

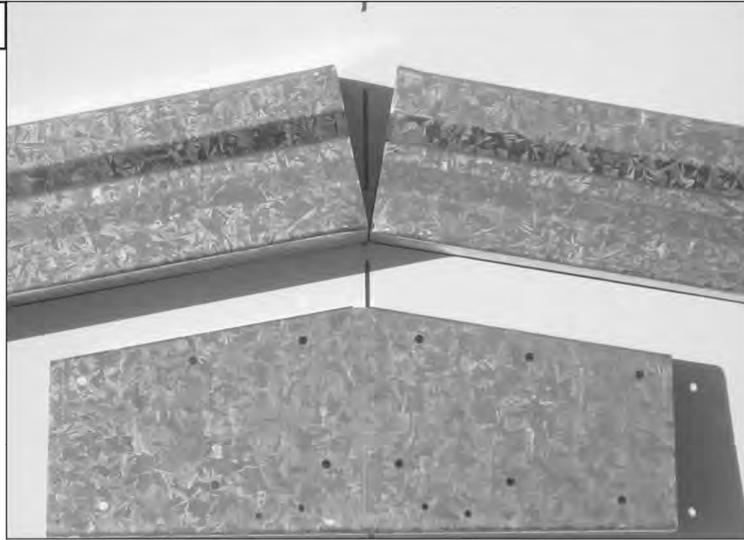


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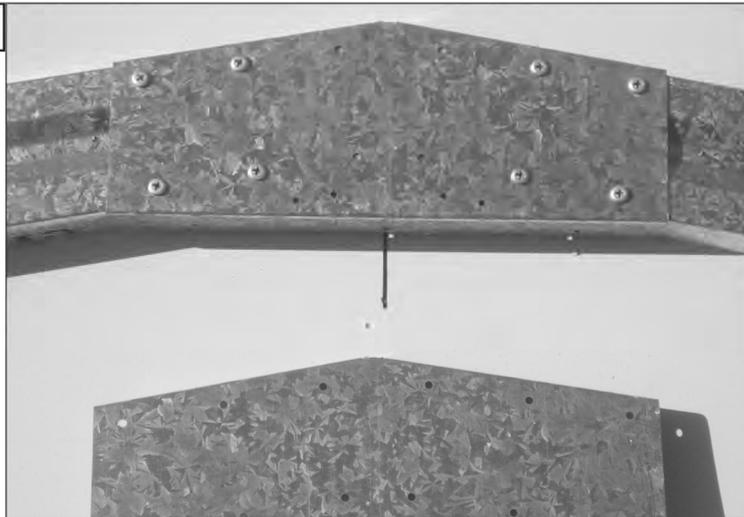




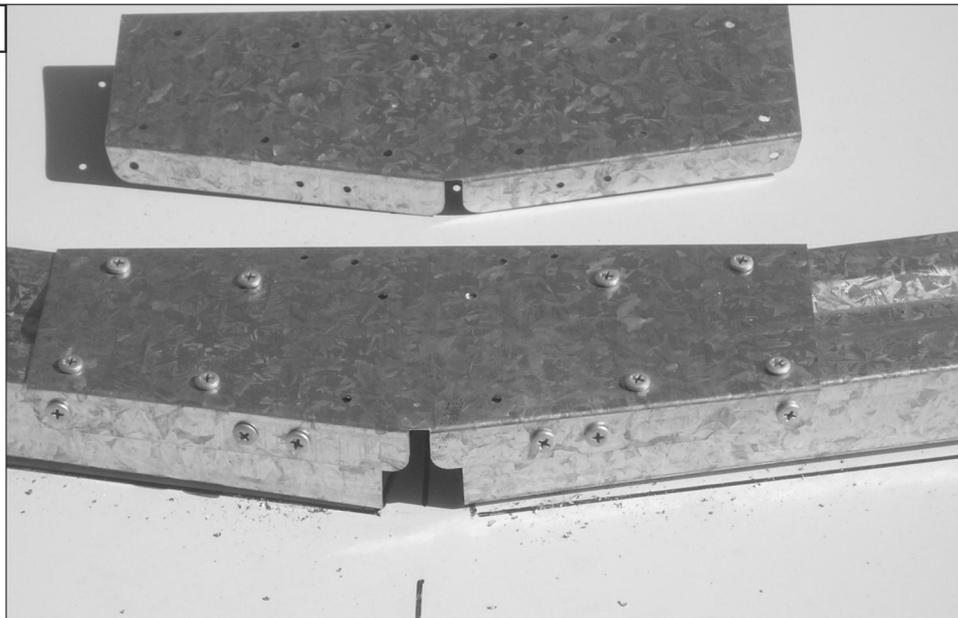
**Step 4a**



**Step 4b**

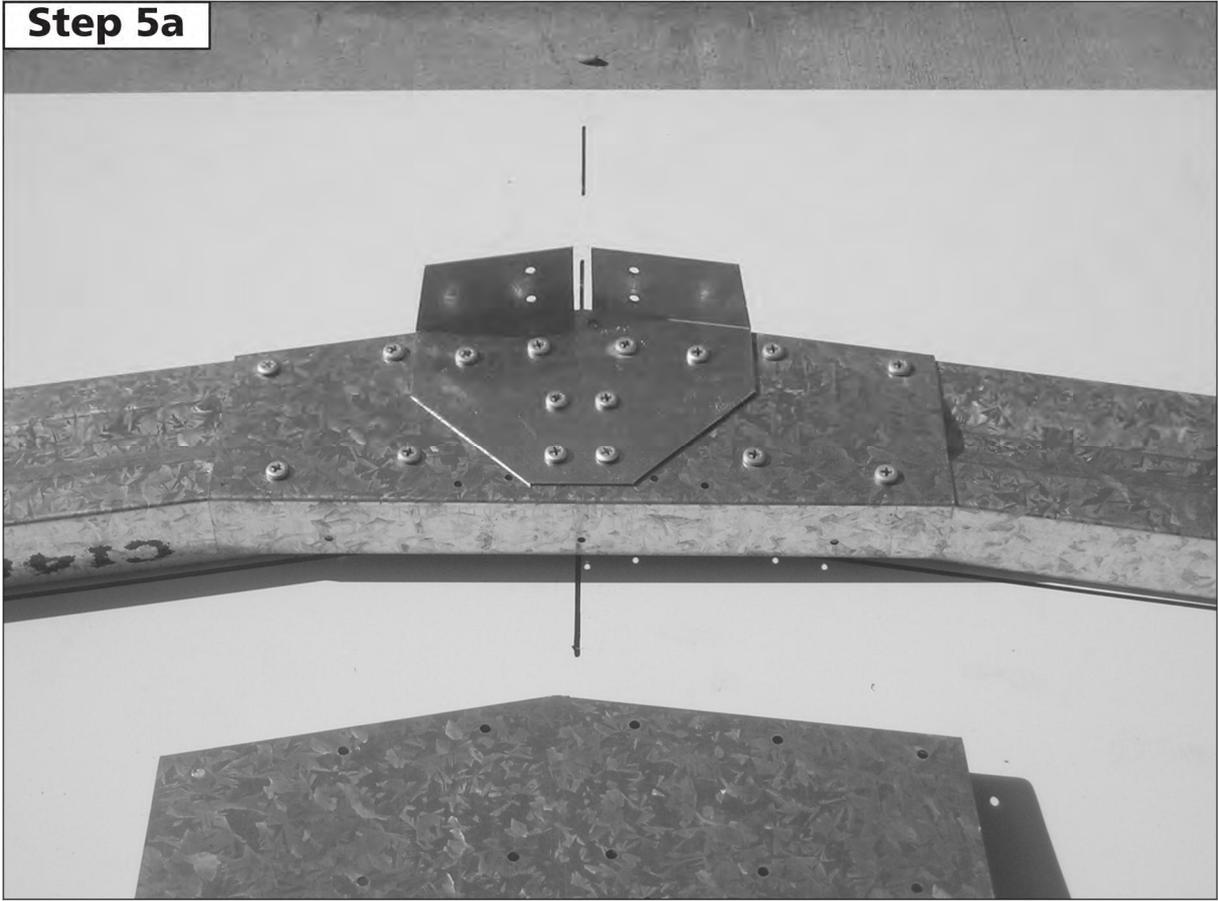


**Step 4c**

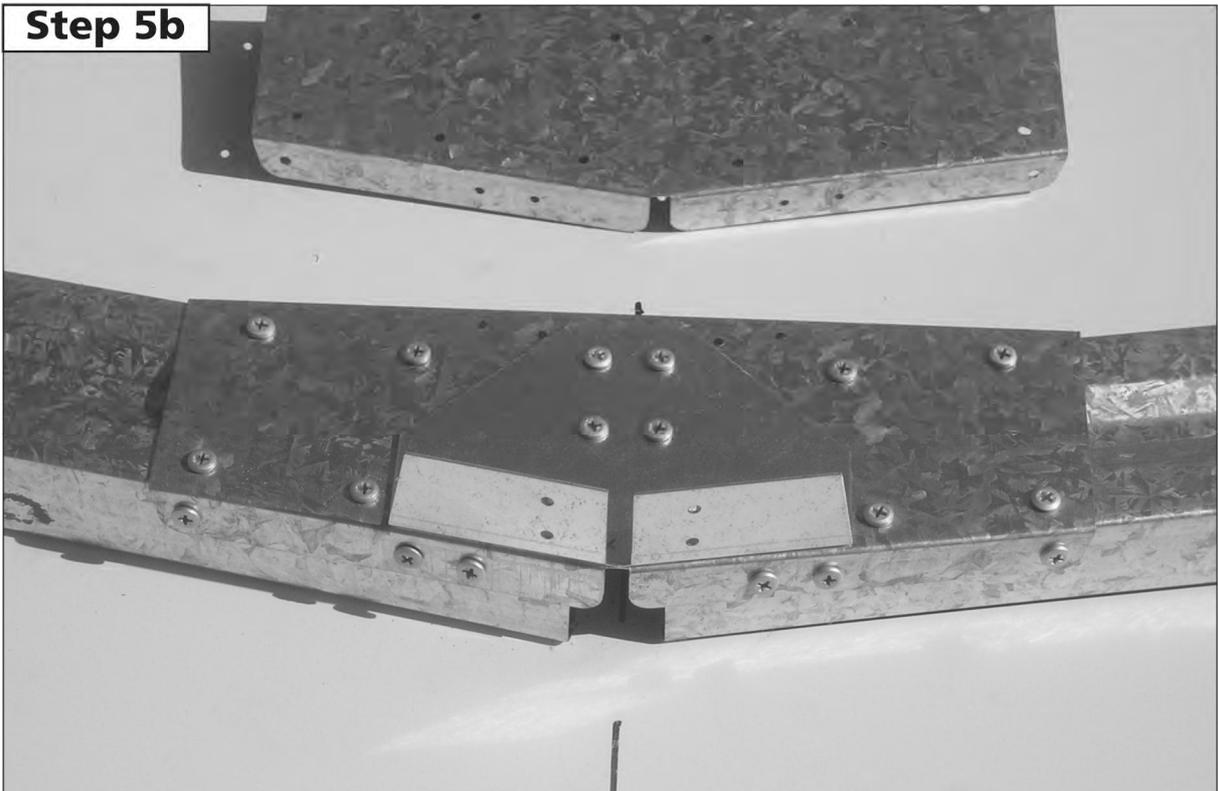


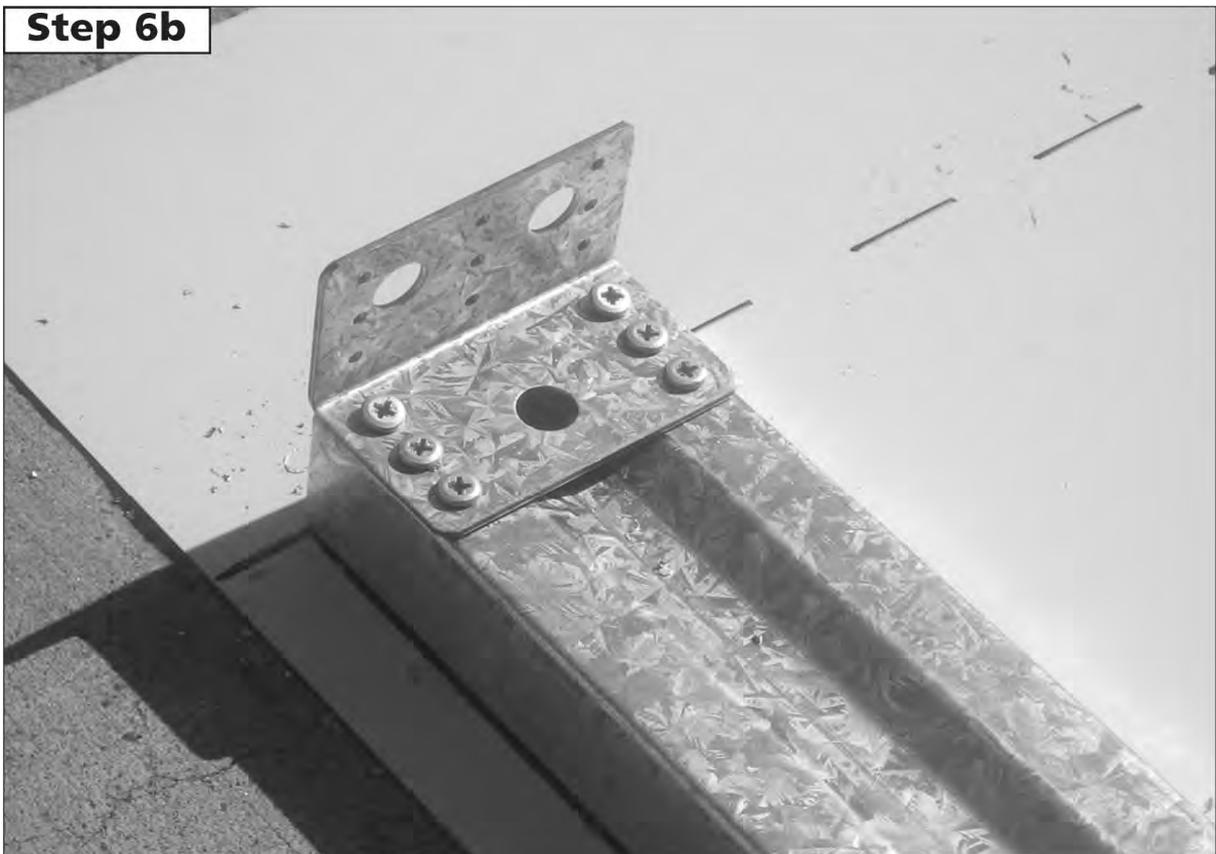
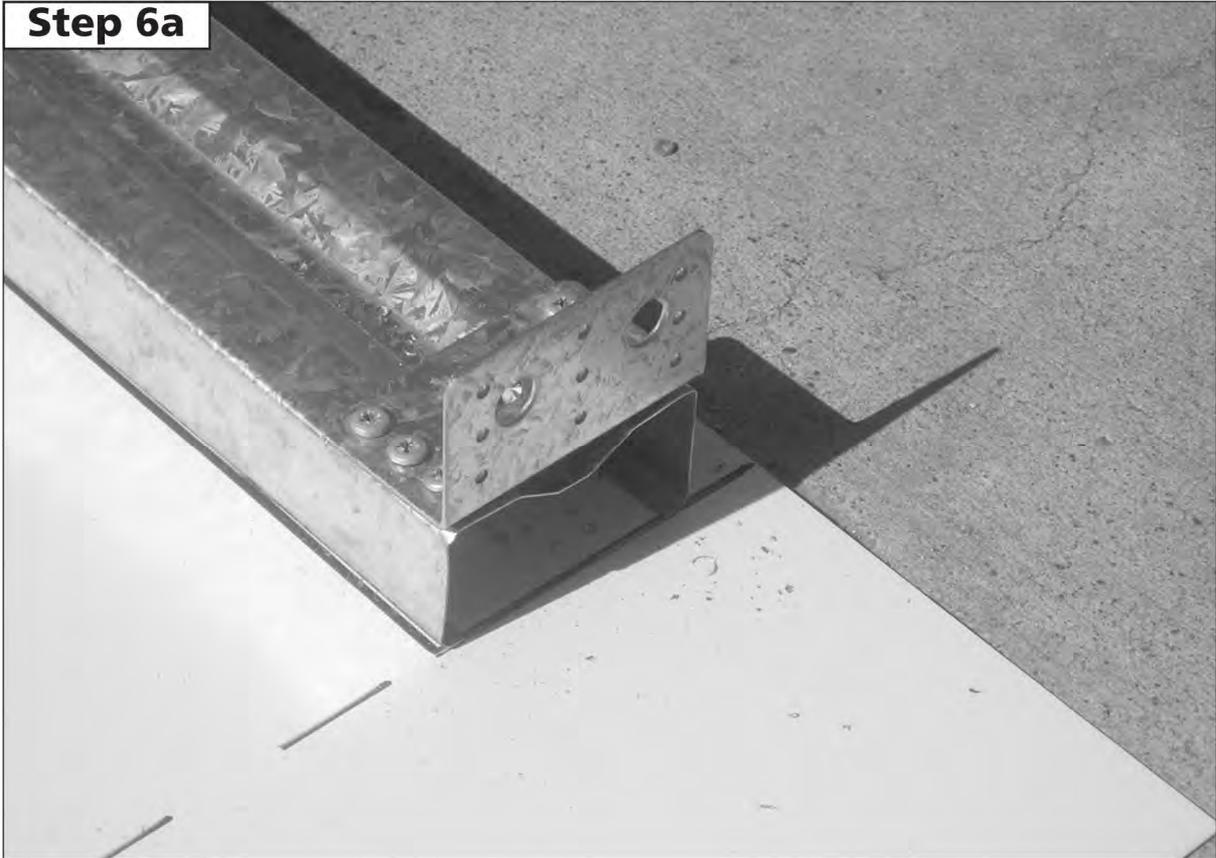


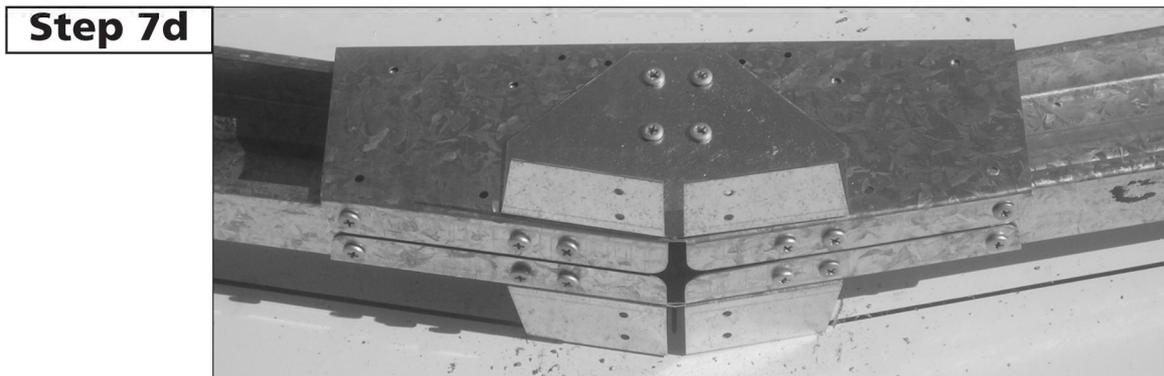
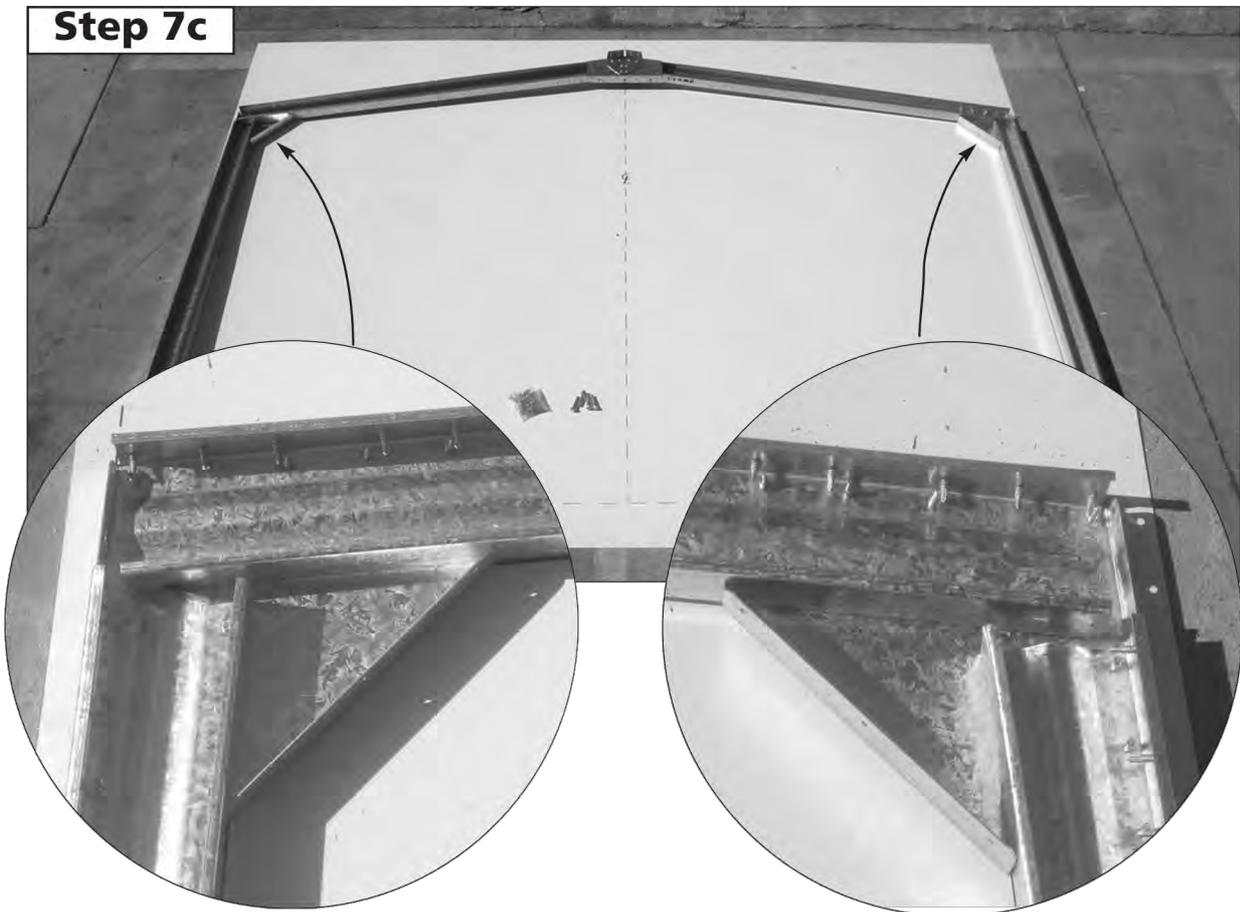
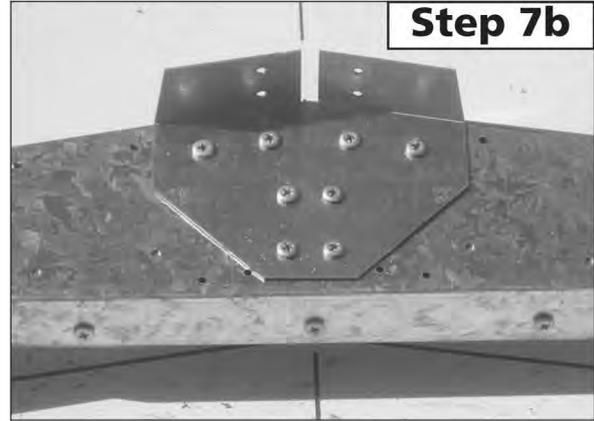
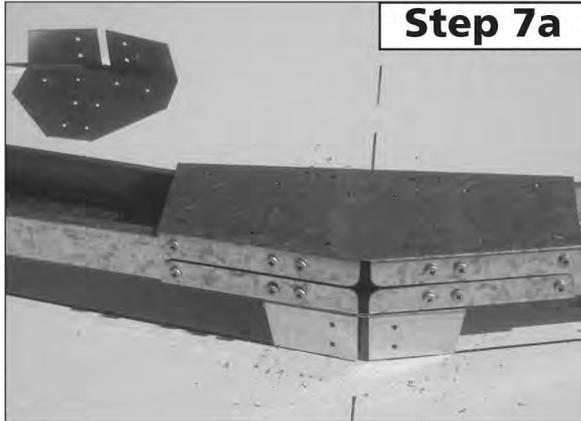
**Step 5a**



**Step 5b**







## AUSTRALIA PRODUCT WARRANTY AGAINST DEFECTS

### Congratulations on your purchase of an ABSCO SHED

ABSCO SHEDS, including garden sheds, garden beds, aviaries, storage units, garages, awnings and carports are made using high quality Australian made steel.

We are pleased to advise we warrant that the steel coating will not rust, crack, flake peel or blister for 30 years from date of purchase, when installed within Australia.

This warranty does not apply to surface deterioration of panels caused by 'Swarf' (Tiny particles of steel debris left from cutting, grinding or drilling operations) that has not been removed after building construction, or as a result of contact with damp soil, chemicals, fertilisers or other corrosive substances.

This warranty covers any Absco product used for normal domestic use and installed in accordance with the installation instructions. The warranty does NOT cover Damage caused by storms, wind, rain snow or poor foundations.

This warranty does NOT cover ABSCO products installed in severe coastal, industrial or other highly corrosive environments. The warranty does not cover fasteners (screws, nuts, bolts, rivets, hasps or sliding padbolts).

The warranty is limited to replacement and delivery of components and does not include any labour or installation costs. The benefits given by the warranty are in addition to your other rights and remedies under a law in relation to the goods or services to which the warranty relates.

The warranty applies to the exclusion of all other representations, guarantees or warranties express or implied, our goods come with guarantees that cannot be excluded under the Australian consumer law and is not transferable. You are entitled to a replacement or refund for a major failure and for compensation for any other foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of an acceptable quality and the failure does not amount to a major failure. For further information go to <http://www.consumerlaw.gov.au>.

Please retain a proof of purchase (sales docket or invoice) or register your warranty within 30 days of purchase here: [www.absco.com.au/register\\_warranty.php](http://www.absco.com.au/register_warranty.php)

In the unlikely event a warranty claim is made, it must be supported by photographic evidence and details of the defect, including component part numbers, together with proof of purchase documentation (or on-line registration of purchase) and forwarded to the address below. Upon receipt of the warranty claim, the Customer Service Manager will contact you within three business days to advise you of the assessment outcome of the claim, which may include your expenses incurred in making the claim.

THE CUSTOMER SERVICE MANAGER, ABSCO INDUSTRIES, PO BOX 119 ACACIA RIDGE QLD AUSTRALIA 4110

PHONE: 1800 029701 FAX: 07-33441191 EMAIL: [warranty@absco.com.au](mailto:warranty@absco.com.au)

Issued 01 January 2013

## ABSCO SHEDS - STORAGE GUIDELINES

ABSCO SHEDS include garden sheds, garden beds, storage units, aviaries, garages, awnings and carports.

ABSCO SHEDS are designed to be weatherproof for normal weather conditions. In the event of extreme weather conditions such as heavy rain, combined with high wind gusts, the ridge capping, sheeting joints, screw fixings etc., may exhibit minor deformations which may allow some water entry. These areas should be checked regularly to ensure that maximum strength and protection is maintained.

Other weather conditions such as extreme heat and extreme cold, moist or dry air can influence the effects of concrete floor moisture and/or condensation on the underside of the roof sheets.

ABSCO SHEDS and storage units are primarily used for storage of garden equipment such as lawnmowers, wheelbarrows, garden tools etc. Storage items that might be adversely affected by any of the above conditions may require additional protection such as being sealed or covered by plastic sheets and/or stacked above the concrete floor on timber slats.

Waterproof sealants may be used to offer further protection where required around joins and screw fixings, as can rubber doorseals and other products which are available from most hardware outlets.

Placement of waterproof sealants (silicone) between the base of the shed and concrete slab is not recommended, as this process can have a reverse effect, preventing excess water from escaping, resulting with water accumulating and being trapped inside the shed.

Absco accepts no responsibility for water entry, floor moisture, condensation or the condition of the Contents inside your Absco steel building arising from any of the pre-mentioned weather conditions.