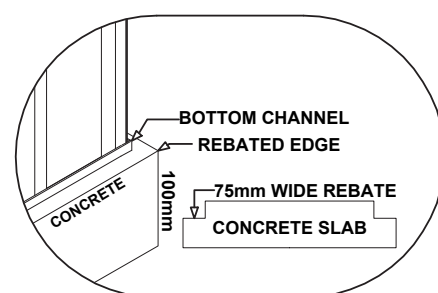


For construction in non-cyclonic areas

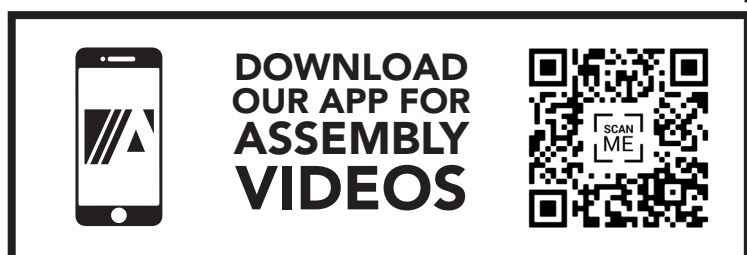
Wind rating: N2 as per AS4055-2021.

If you require a higher wind rating please contact us: admin@absco.com.au or 1800 029 701

NOTE: This shed can be upgraded to wind rating: C1 as per AS4055-2021 with the additional purchase of a Cyclone Kit.



When laying concrete slab, ensure there is a rebated edge 25mm deep around the perimeter. This will help water egress from the base of the shed.



## PLEASE LEAVE A REVIEW

Tell us about your experience!  
Visit [www.absco.sheds.com.au/review](http://www.absco.sheds.com.au/review)

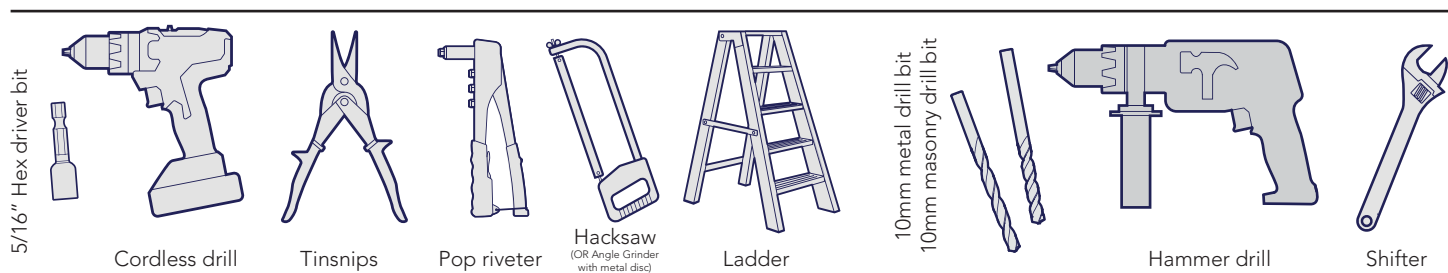
### GENERAL INSTRUCTIONS

- 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 "COMPONENTS PACKING LIST" 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.
- The shed shall be erected on top of a reinforced concrete slab and anchored down appropriately illustrated on "FINAL CONSTRUCTION" page. **If using a rebated slab ensure that all frame uprights are trimmed 25mm.**

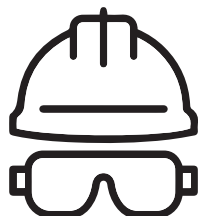
### TOOLS REQUIRED



### SAFETY NOTES

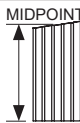
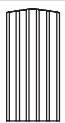

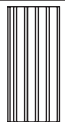

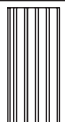

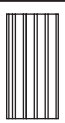

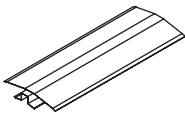
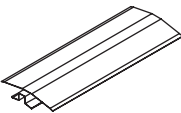
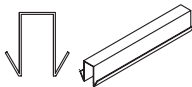
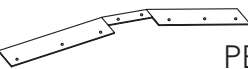
- Some parts may have sharp edges. It is advisable to wear gloves when handling these items and safety glasses if drilling holes. Sensible shoes are highly recommended.
- Do not erect your shed in windy conditions.
- It is highly recommended to erect the shed with two or more people.
- Do not sit, stand or walk on the roof of your shed.

### RECOMMENDED



## COMPONENT PACKING LIST

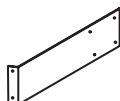


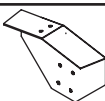
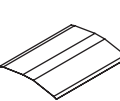

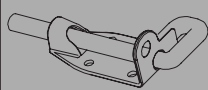
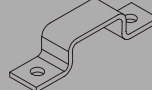
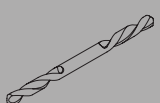

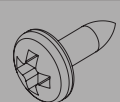
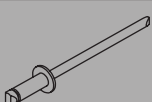
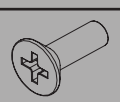

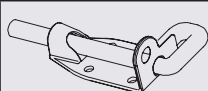
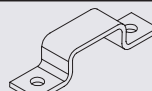
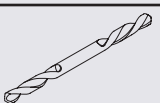
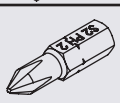
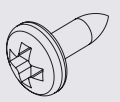
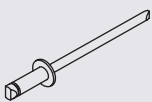
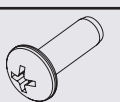

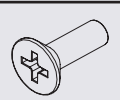

Check off all components.

| MAIN PACK CARTON (PACK 1 OF 2) |  |            |     |     |   |            |     |
|--------------------------------|--|------------|-----|-----|---|------------|-----|
| QTY                            | COMPONENT DESCRIPTION  | PART NO.   | CHK | QTY | COMPONENT DESCRIPTION   | PART NO.   | CHK |
| 2                              |  STEEL SHEET<br>1852mm TO<br>MIDPOINT X 773mm | 36L        |     | 2   |  STEEL SHEET<br>1980mm X 773mm   | 42D        |     |
| 1                              |  STEEL SHEET<br>1785mm X 711mm                | 35A        |     | 1   |  STEEL SHEET<br>1785mm X 711mm   | 34A        |     |
| 1                              |  STEEL SHEET<br>1785mm X 731mm               | 33A        |     | 1   |  STEEL SHEET<br>1785mm X 731mm  | 32A        |     |
| 1                              |  STEEL SHEET<br>1725mm X 773mm              | A          |     | 2   |  STEEL SHEET<br>1725mm X 773mm | B          |     |
| 14                             |  STEEL SHEET<br>1170mm X 773mm              | 49A        |     |     | FITTINGS & ACCESSORIES<br>PACKET (SEE PAGE 4)   |            |     |
| 2                              |  RIDGE BEAM<br>L = 1521mm                   | 97A<br>L/R |     | 2   |  RIDGE BEAM<br>L = 1152mm     | 97B<br>L/R |     |
| 3                              |  RIDGE BEAM<br>JOINER<br>L = 450mm          | ZARSP      |     | 2   |  PEAK BRACE                   | 15A        |     |

Nominal sheet widths are shown. +/- 2mm is within tolerance.

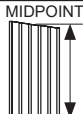
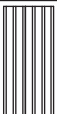
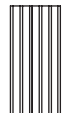
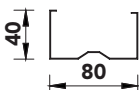
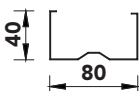
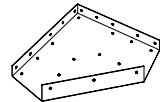
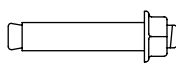
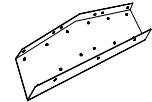

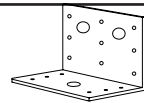
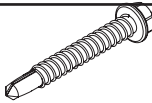
## COMPONENT PACKING LIST

Check off all components.

| QTY  | COMPONENT DESCRIPTION  | PART NO. | CHK | QTY | COMPONENT DESCRIPTION   | PART NO. | CHK |
|--|--|----------|-----|-----|---|----------|-----|
| 3  |  DOOR STRAP<br>L = 165mm                  | 12A      |     | 10  |  CHANNEL JOINER<br>L = 200mm                | CSJ      |     |
| 2  |  CAP GABLE<br>L = 170mm                   | 14A      |     | 4   |  RIDGE PLATE                                | RBP      |     |
| 1  |  RIDGE CAP JOINER                         | 98A      |     | 20  |  HEX HD TEK SCREW W/ NEO WASHER 10-16x 16mm | FAST 033 |     |
| 1  | ASSEMBLY INSTRUCTION MANUAL  |          |     | 1   | PSTKSGL SINGLE DOOR FITTINGS PACK   |          |     |
| 1  | PSTKDBL DOUBLE DOOR FITTINGS PACK  |          |     |     |   |          |     |
| <b>PSTKSGL - SINGLE DOOR FITTINGS PACK</b> |  |          |     |     |   |          |     |
| 1  |  DOOR PADBOLT                           | FAST 006 |     | 1   |  PADBOLT HASP                             | FAST 007 |     |
| 1  |  3mm DRILL BIT                          | DRILL    |     | 1   |  PHILLIPS DRIVER BIT                      | FAST 038 |     |
| 1  |  8G x 10 mm SELF TAPPING SCREW PACK 220 | FAST 001 |     | 6   |  3.2x8mm POP RIVETS                       | FAST 009 |     |
| 6  |  3/16" COUNTER SUNK SCREWS              | FAST 004 |     | 6   |  3/16" COUNTER SUNK NUTS                  | FAST 005 |     |
| <b>PSTKDBL - DOUBLE DOOR FITTINGS PACK</b> |  |          |     |     |   |          |     |
| 3  |  DOOR PADBOLT                           | FAST 006 |     | 2   |  PADBOLT HASP                             | FAST 007 |     |
| 1  |  3mm DRILL BIT                          | DRILL    |     | 1   |  PHILLIPS DRIVER BIT                      | FAST 038 |     |
| 1  |  8G x 10 mm SELF TAPPING SCREW PACK 220 | FAST 001 |     | 12  |  3.2x8mm POP RIVETS                       | FAST 009 |     |
| 8  |  3/16" ROUND HEAD BOLTS                 | FAST 002 |     | 8   |  3/16" ROUND NYLOC NUTS                   | FAST 003 |     |
| 12   |  3/16" COUNTER SUNK SCREWS              | FAST 004 |     | 12  |  3/16" COUNTER SUNK NUTS                  | FAST 005 |     |

## COMPONENT PACKING LIST























Check off all components.

| MAIN PACK CARTON (PACK 2 OF 2) |  |             |     |     |   |                      |     |
|--------------------------------|--|-------------|-----|-----|---|----------------------|-----|
| QTY                            | COMPONENT DESCRIPTION  | PART NO.    | CHK | QTY | COMPONENT DESCRIPTION   | PART NO.             | CHK |
| 2                              |  STEEL SHEET<br>1852mm TO<br>MIDPOINT X 773mm | 36R         |     | 5   |  STEEL SHEET<br>1785mm X 773mm | 31A                  |     |
| 2                              |  STEEL SHEET<br>1785mm X 773mm                | 30A         |     | 1   | 52233WCP<br>CHANNEL PACK<br>(SEE PAGE 6 & 7)  |                      |     |
| 4                              |  CHANNEL<br>L = 1106mm                        | C1106       |     | 1   | MIDFRAME FITTINGS PACK<br>(SEE BELOW)   |                      |     |
| 4                              |  CHANNEL<br>L = 1704mm                      | C1704       |     |     |   |                      |     |
| MID-FRAME ACCESSORIES          |  |             |     |     |   |                      |     |
| 4                              |  KNEE PLATE                                 | ZACO<br>193 |     | 8   |  DYNABOLT                   | FAST<br>015          |     |
| 4                              |  APEX PLATE                                 | ZACO<br>194 |     | 300 |  16mm TEK<br>SCREWS         | PACK<br>WAFER<br>150 |     |
| 4                              |  MULTI PURPOSE<br>BRACCKET                  | BKT<br>17   |     | 80  |  45mm TEK<br>SCREWS         | FAST<br>019          |     |

Nominal sheet widths are shown. +/- 2mm is within tolerance.

## COMPONENT PACKING LIST

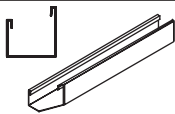
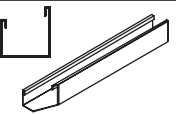
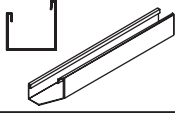
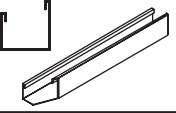
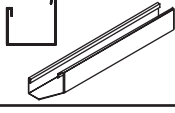
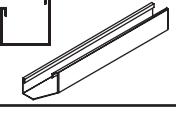
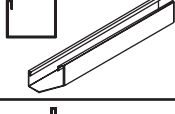
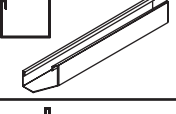
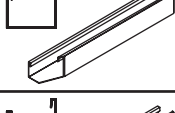
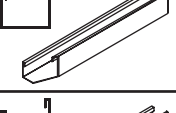
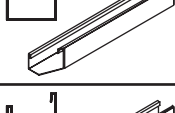
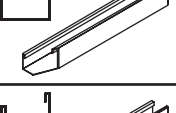
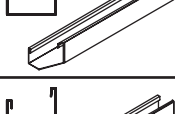
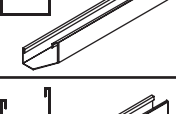
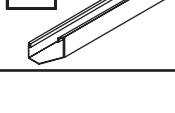
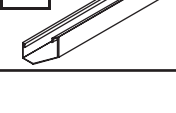
Check off all components.

| 52233WCP CHANNEL PACK |  |          |     |     |  |          |     |
|-----------------------|--|----------|-----|-----|--|----------|-----|
| QTY                   | COMPONENT DESCRIPTION  | PART NO. | CHK | QTY | COMPONENT DESCRIPTION  | PART NO. | CHK |
| 2                     |  CHANNEL<br>L = 1496.5mm                | 81AL     |     | 2   |  CHANNEL<br>L = 1496.5mm  | 81AR     |     |
| 2                     |  CHANNEL<br>L = 1496.5mm                | 60AL     |     | 2   |  CHANNEL<br>L = 1496.5mm  | 60AR     |     |
| 4                     |  CHANNEL<br>L = 1126.5mm                | 81CL     |     | 4   |  CHANNEL<br>L = 1126.5mm  | 81CR     |     |
| 2                     |  CHANNEL<br>L = 1126.5mm               | 60BL     |     | 2   |  CHANNEL<br>L = 1126.5mm | 60BR     |     |
| 2                     |  CHANNEL<br>L = 1143mm                | 83L      |     | 2   |  CHANNEL<br>L = 1143mm  | 83R      |     |
| 1                     |  CHANNEL<br>L = 1568mm                | 79A      |     | 1   |  CHANNEL<br>L = 783mm   | 79B      |     |
| 3                     |  CHANNEL<br>WITH HINGES<br>L = 1725mm | 58A      |     | 2   |  CHANNEL<br>L = 1725mm  | 58B      |     |
| 6                     |  CHANNEL<br>L = 773mm                 | 58C      |     |     |  |          |     |
|                       |  |          |     |     |  |          |     |
| 3                     |  JAMB<br>L = 1785mm                   | 89A      |     | 6   |  JAMB<br>L = 1120mm     | 91A      |     |
| 1                     |  JAMB<br>L = 1785mm                   | 89B      |     | 1   |  JAMB<br>L = 788mm      | 90B      |     |
| 1                     |  JAMB<br>L = 1725mm                   | 89C      |     | 4   |  LIP TRIM<br>L = 1170mm | 86A      |     |
| 1                     |  JAMB<br>L = 1568mm                   | 90A      |     |     |  |          |     |

## COMPONENT PACKING LIST

Check off all components.

### 52233WCP CHANNEL PACK (CONT.)

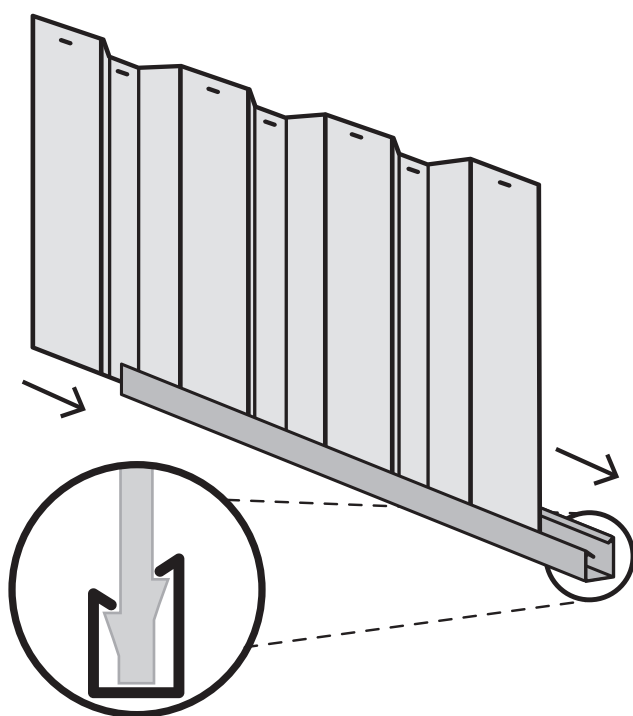
| QTY             | COMPONENT DESCRIPTION   | PART NO. | CHK | QTY | COMPONENT DESCRIPTION  | PART NO. | CHK |
|-----------------|---|----------|-----|-----|--|----------|-----|
| NOTCHED CHANNEL |   |          |     |     |  |          |     |
| 1               |  CHANNEL<br>L = 1496.5mm   | 55AL     |     | 1   |  CHANNEL<br>L = 1496.5mm   | 55AR     |     |
| 1               |  CHANNEL<br>L = 1496.5mm   | 55BL     |     | 1   |  CHANNEL<br>L = 1496.5mm   | 55BR     |     |
| 1               |  CHANNEL<br>L = 1496.5mm  | 55CL     |     | 1   |  CHANNEL<br>L = 1496.5mm  | 55CR     |     |
| 1               |  CHANNEL<br>L = 1496.5mm | 81BL     |     | 1   |  CHANNEL<br>L = 1496.5mm | 81BR     |     |
| 1               |  CHANNEL<br>L = 1126.5mm | 54AL     |     | 1   |  CHANNEL<br>L = 1126.5mm | 54AR     |     |
| 1               |  CHANNEL<br>L = 1126.5mm | 54BL     |     | 1   |  CHANNEL<br>L = 1126.5mm | 54BR     |     |
| 1               |  CHANNEL<br>L = 1126.5mm | 54CL     |     | 1   |  CHANNEL<br>L = 1126.5mm | 54CR     |     |
| 1               |  CHANNEL<br>L = 1126.5mm | 81DL     |     | 1   |  CHANNEL<br>L = 1126.5mm | 81DR     |     |

## SNAPTITE ASSEMBLY GUIDE

The Snaptite Assembly System locks end channels to all roof and wall sheets without the need for tools and fasteners.

To assemble each panel, the perimeter channels are secured to the top and bottom of each panel. Gently tap the channel over the SNAPTITE lugs on the sheet, working along the sheet.

Each perimeter channel must finish flush with the edges of the sheets. Simply tap the channel along the sheets until each end is neatly flush. If you need to remove channels from the panels, slide it off from the side.



**SNAPTITE**  
World's Easiest Assembly System  
*UNIQUE PATENTED SYSTEM*

Channel locks the shed panel into position without the need for screws!

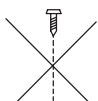
## FASTENING SYMBOLS

**SNAPTITE**

Secure channel to sheeting by SNAPTITE fastening method.



Join components together with one screw at this location only, as some channels have extra holes that are not required for this model of shed.



Do not join components together at this location yet, as the screws may obstruct further assembly of the other components.



Join components together by pre-drilling the holes first. Use one component as template to mark where the holes are and drill with a 3mm drill bit.



3mm pop rivet



4mm nut and bolt set.



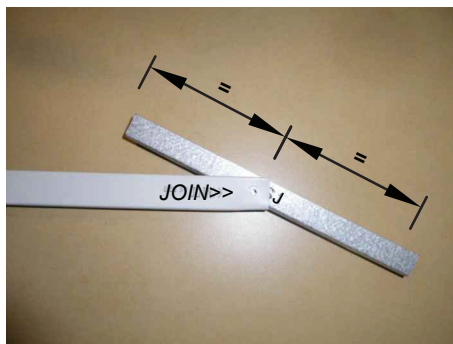
## Guide on Joining Spliced Channels

The text marked on all parts must be shown on the same side as each other



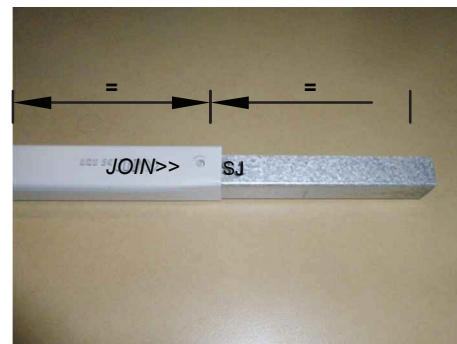
### Step 1.

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

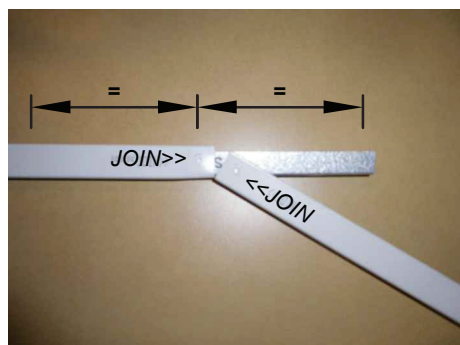


### Step 2.

Join the first channel to the CSJ by inserting the centre of the CSJ, on an angle, to the end of the channel where the JOIN>> text is marked.

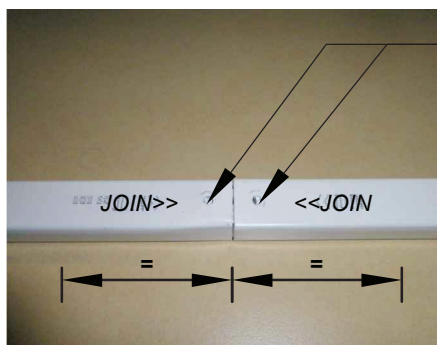


Push down one side of the CSJ until you hear a 'click'.



### Step 3.

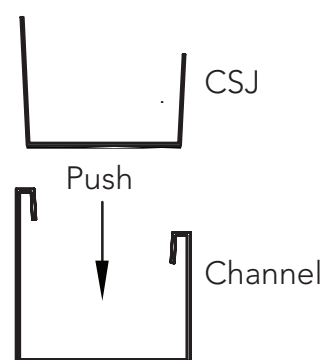
Join the second channel to the CSJ by positioning the <<JOIN of the channel at the centre of the CSJ, on an angle. Push the CSJ into the channel until you hear a 'click'.



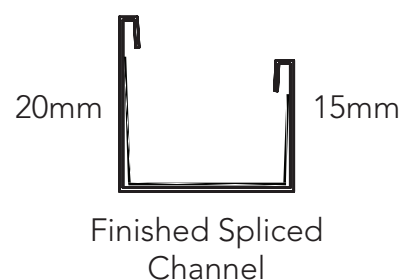
### Finished Channel.

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

Drill out holes with 3mm drill bit in CSJ to match the holes in channel. Drilling of screws on the joined channels is being done after sheets are locked on the spliced channels.



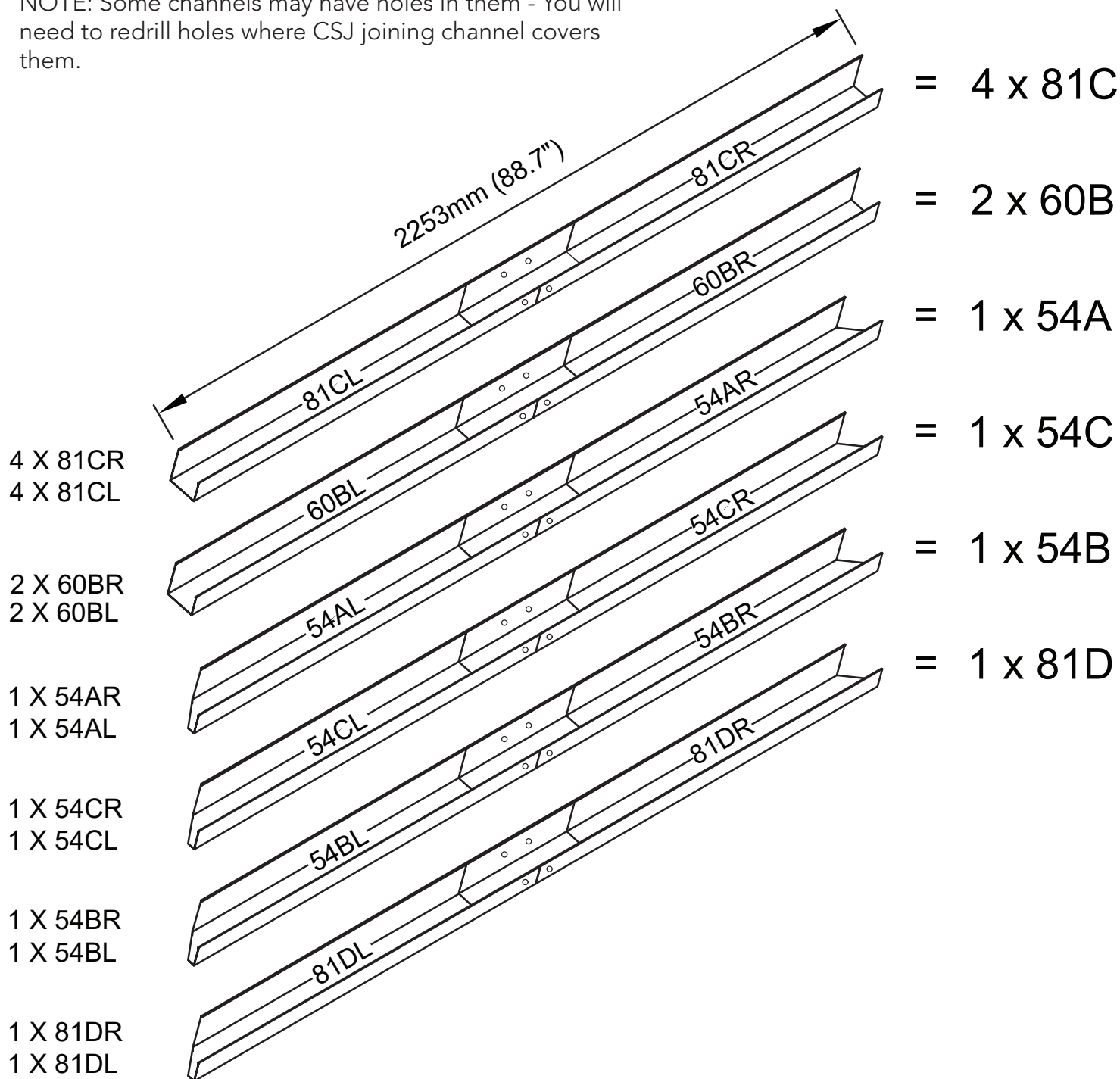
...



## PRE-ASSEMBLY OF SPLICED CHANNELS

Join together 20 x channel sections using 10 x channel joiners (Part CSJ)

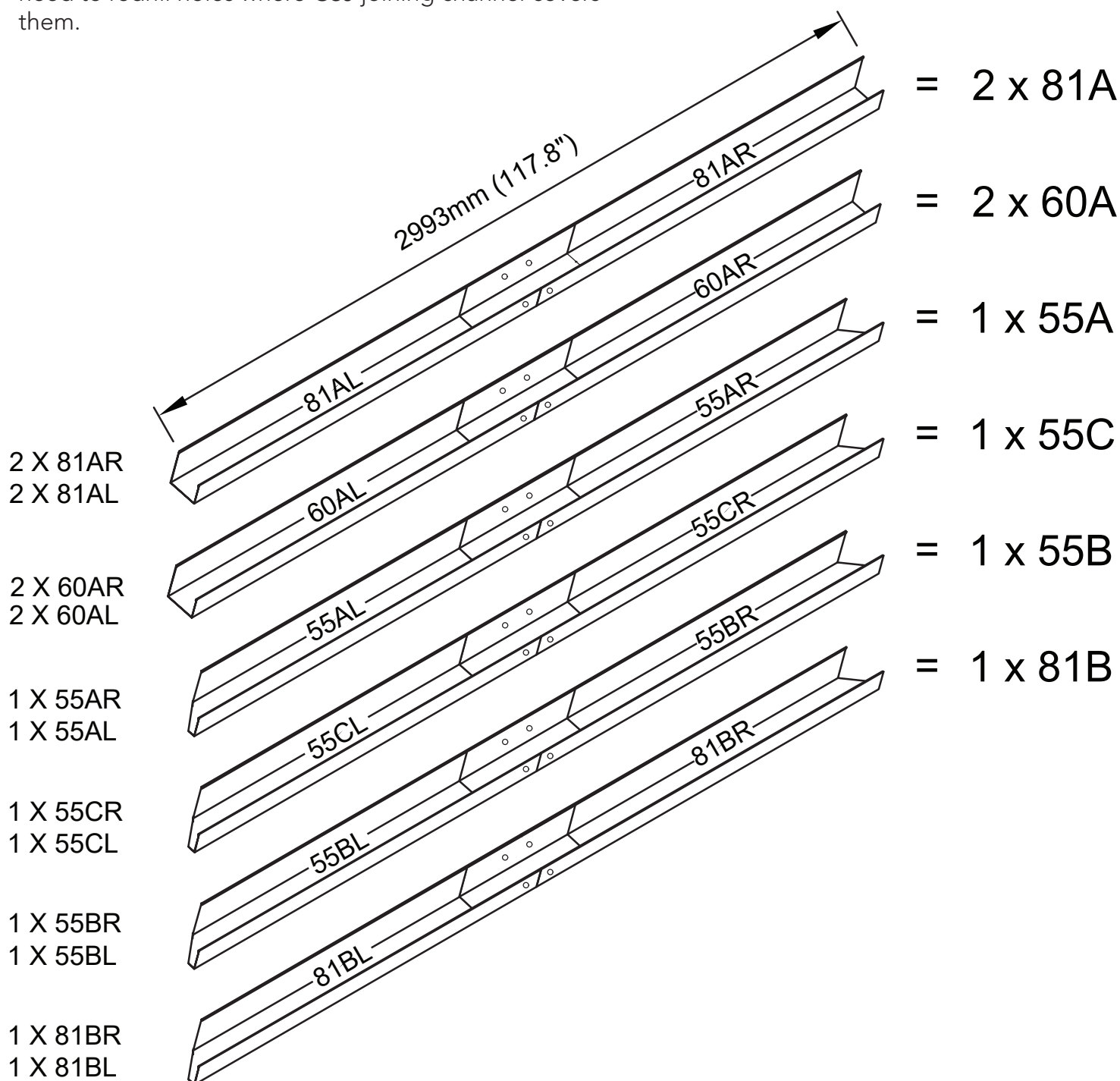
NOTE: Some channels may have holes in them - You will need to redrill holes where CSJ joining channel covers them.



## PRE-ASSEMBLY OF SPLICED CHANNELS

Join together 16 x channel sections using 8 x channel joiners (Part CSJ)

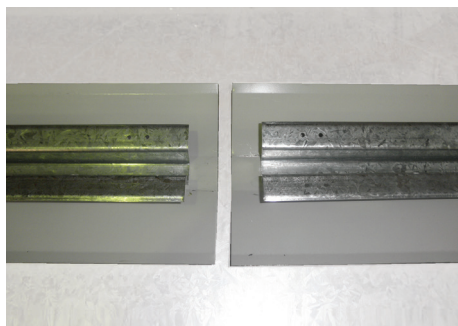
NOTE: Some channels may have holes in them - You will need to redrill holes where CSJ joining channel covers them.



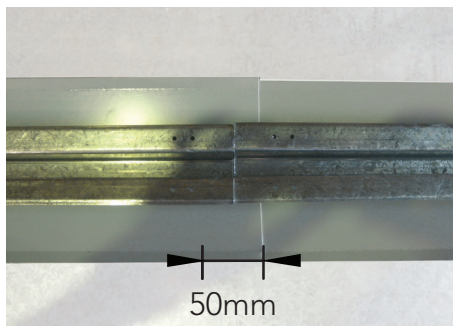
## Guide on Joining a Spliced Ridge Beam

Follow these three steps to assemble a ridge beam.

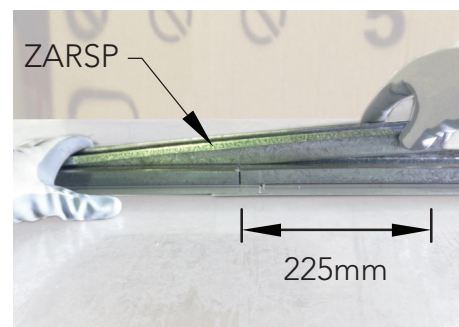
If present, remove plastic coating from top side of ridge beam capping before assembly.



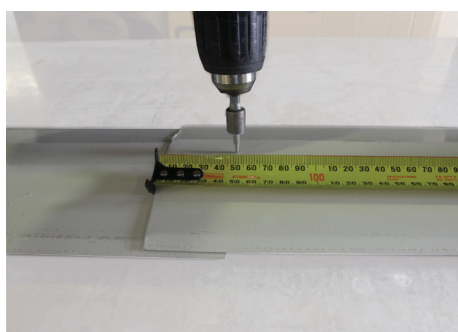
**Step 1.**  
Place two ridge beams as shown and push them together. Slide the cap of one under the other.



**NOTE.**  
There is a 50mm overlap of the ridge caps when the beams are in position.



**Step 2.**  
Use the ZARSP to connect at the centre of the two ridge beams. Be sure it is pushed in fully.



**Step 3.**  
Turn over the ridge beam. Measure 250mm from the middle along the centre of one ridge beam, mark spacings of 50mm. Fasten with a Tek screw at each marking.



Repeat to the other side of the ridge beam assembly.

**TIP:** Predrilling each hole with the 3mm drill bit makes it easier to fasten.



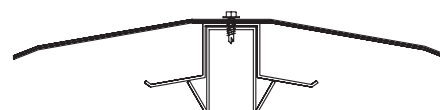
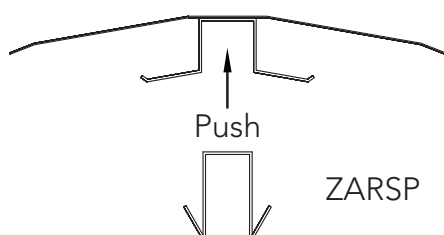
Finished Spliced Ridge Beam



Hex Driver Bit

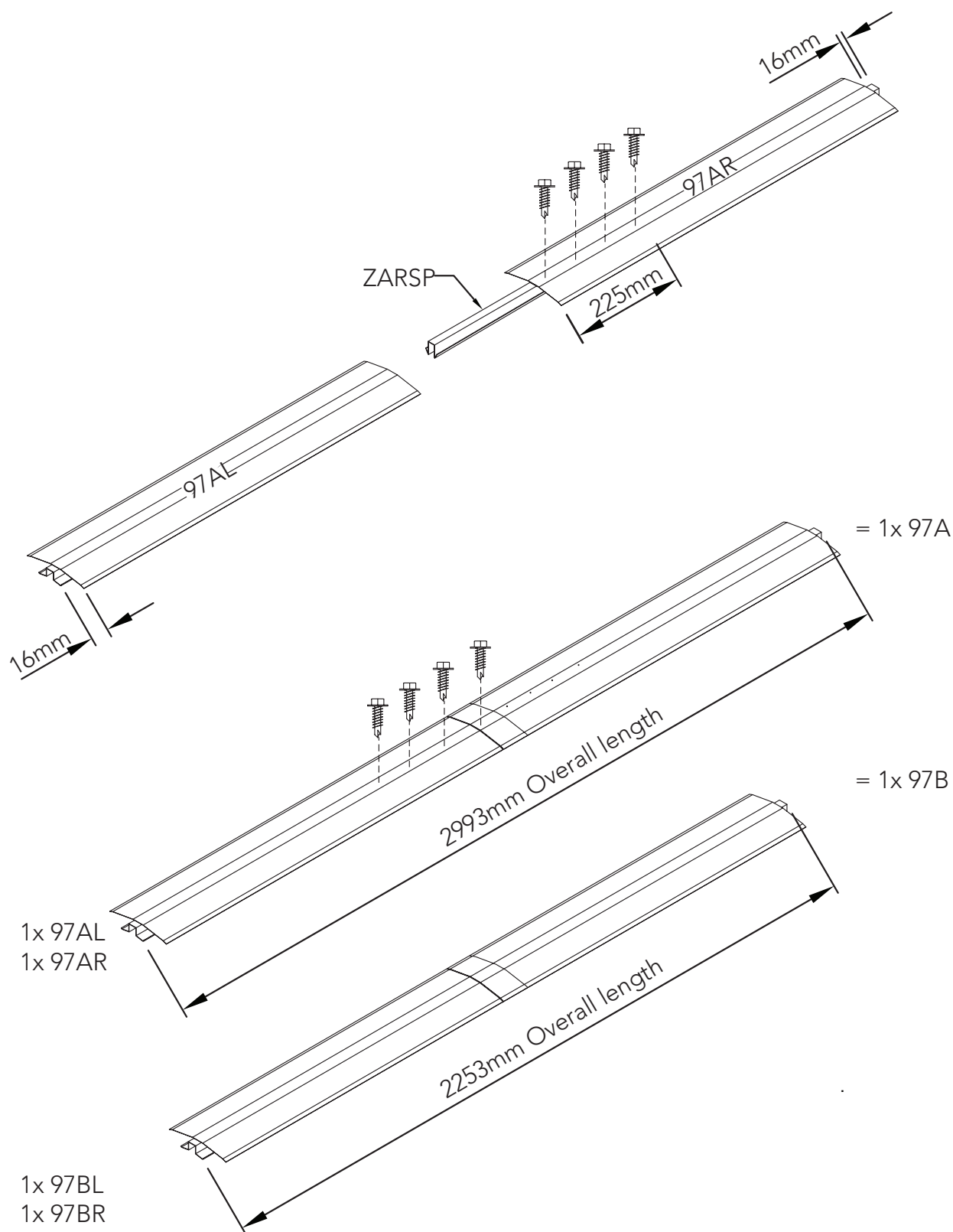


Hex Hd Self-drilling tek screw with neoprene washer



Finished  
Joined Ridge Beams

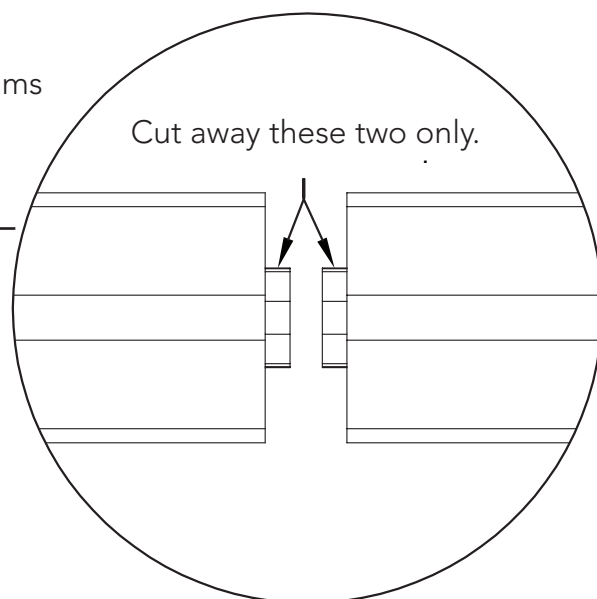
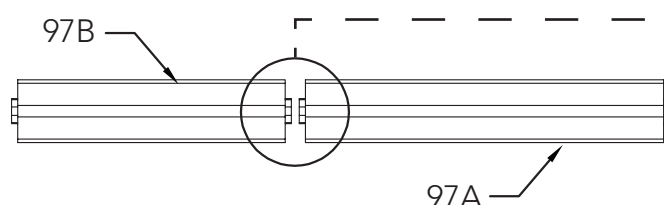
## PRE-ASSEMBLY OF SPLICED RIDGE BEAM





## JOINING RIDGE BEAMS

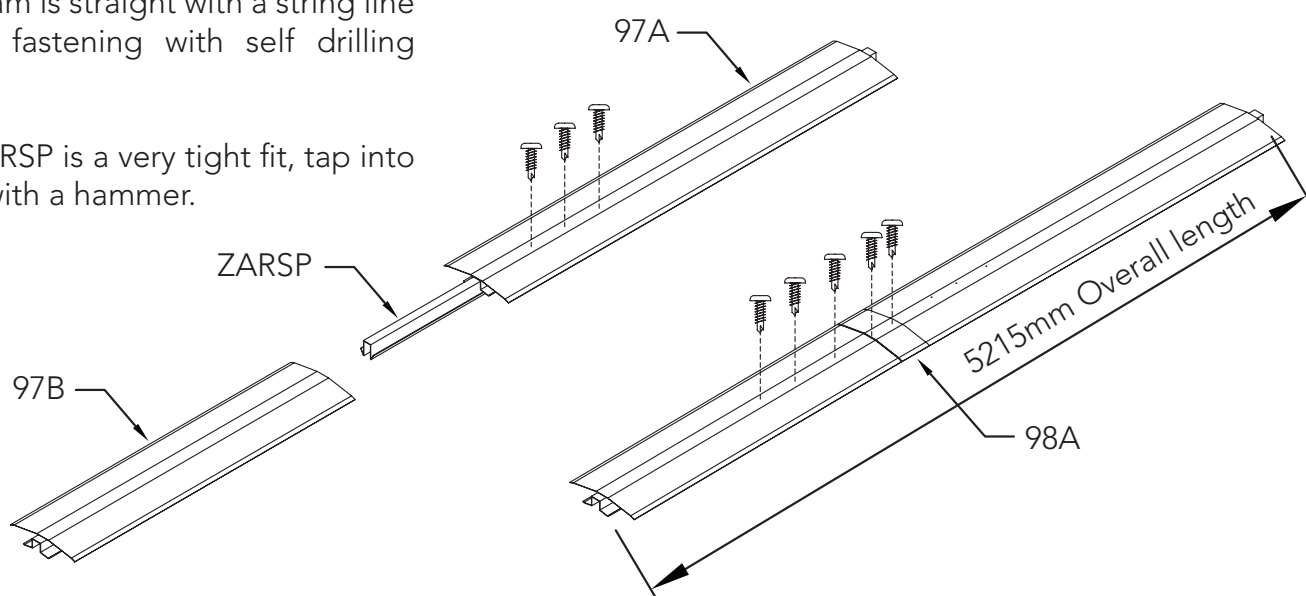
To make the total span we must now join the two ridge beams



Using a hacksaw, remove one protruding section of each ridge beam, this will allow the sections to butt up neatly to each other.

Insert the ZARSP at an equal distance into each ridge beam. Confirm that the beam is straight with a string line before fastening with self drilling screws.

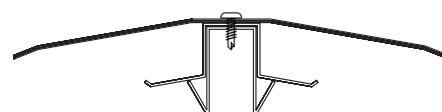
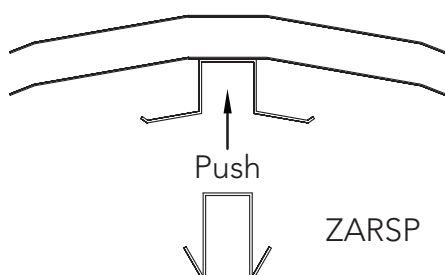
The ZARSP is a very tight fit, tap into place with a hammer.



Hex Driver Bit

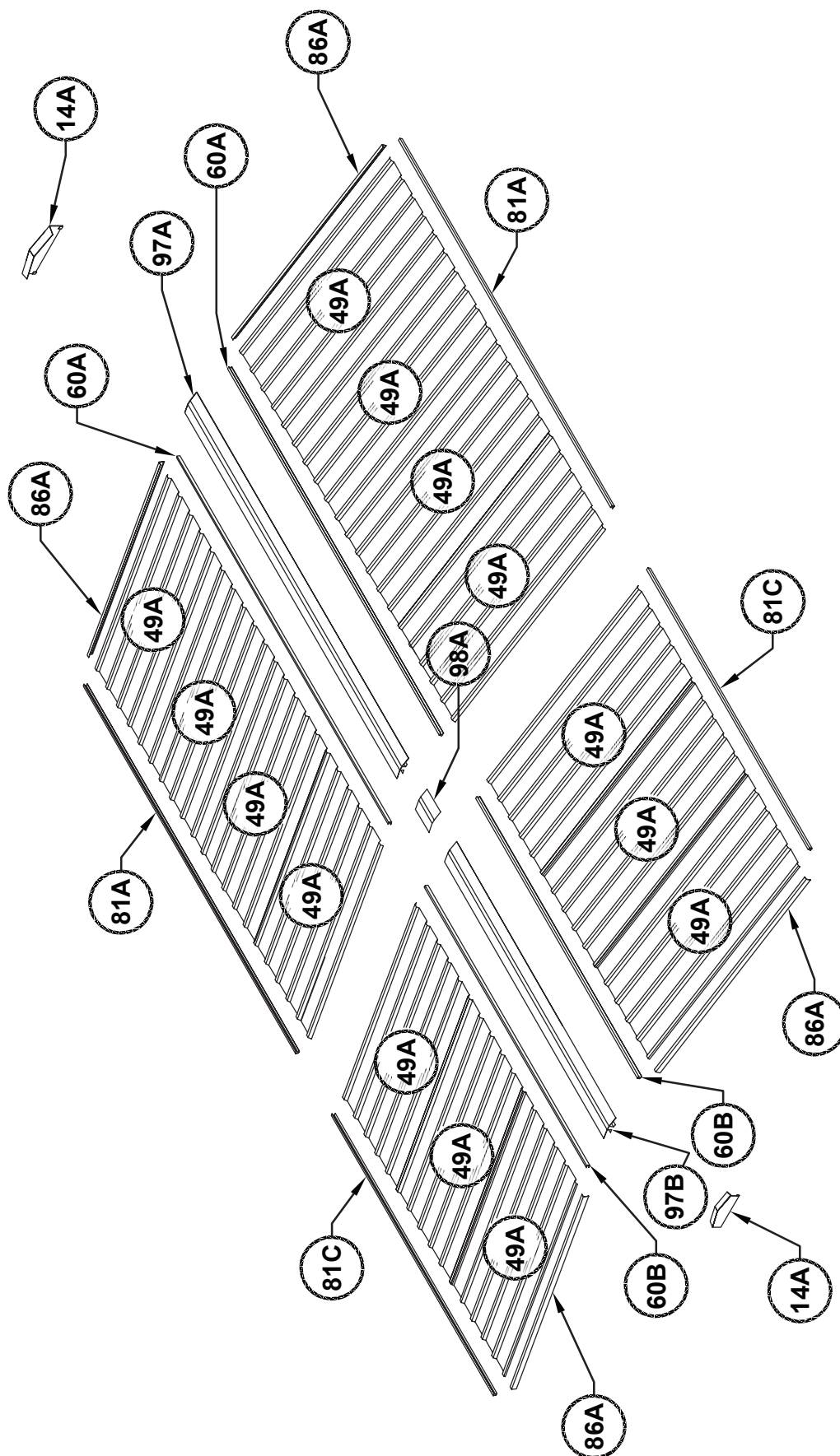


Hex Hd Self-drilling tek screw  
with neoprene washer



Finished  
Joined Ridge Beams

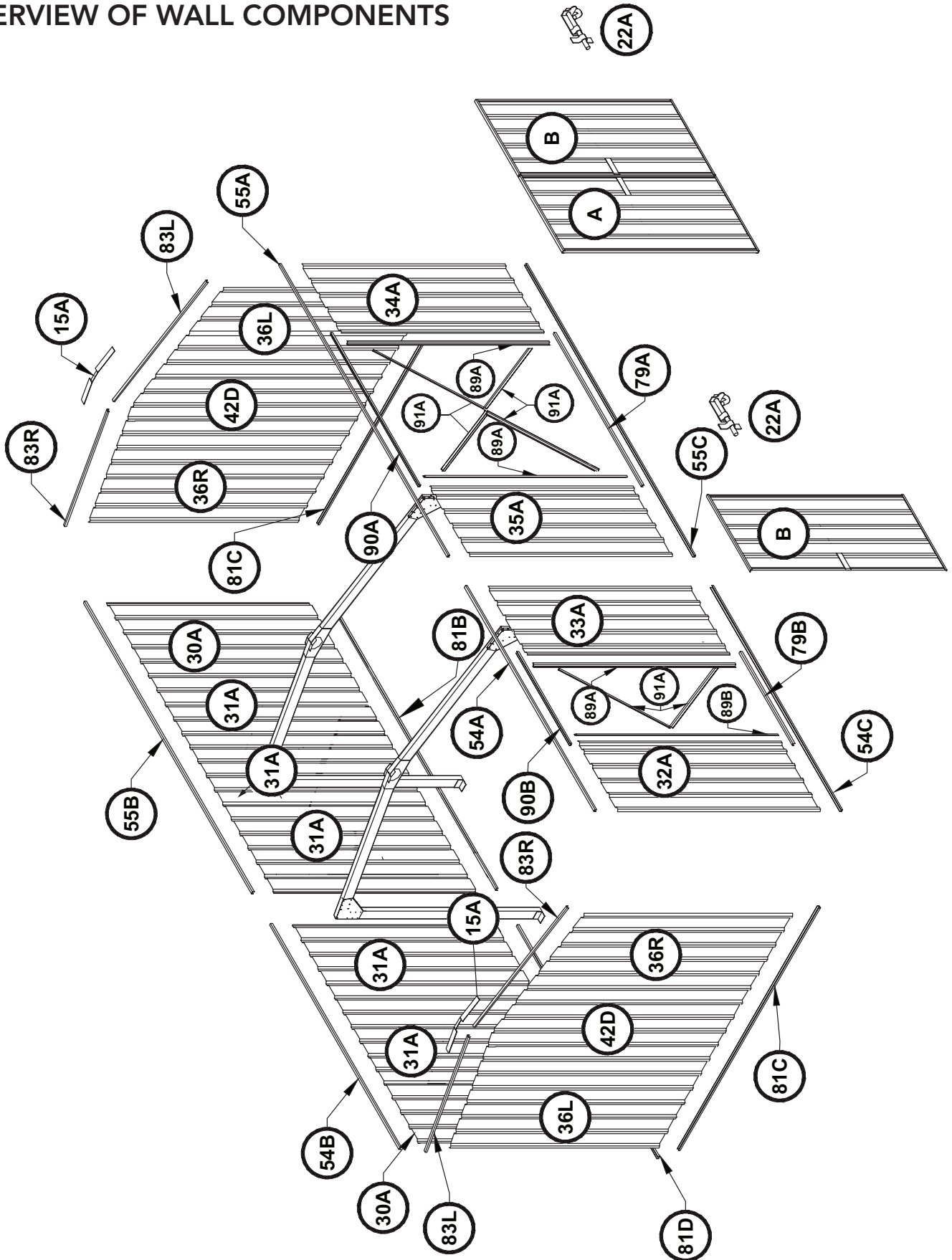
## OVERVIEW OF ROOF COMPONENTS



OVERVIEW OF ROOF COMPONENTS

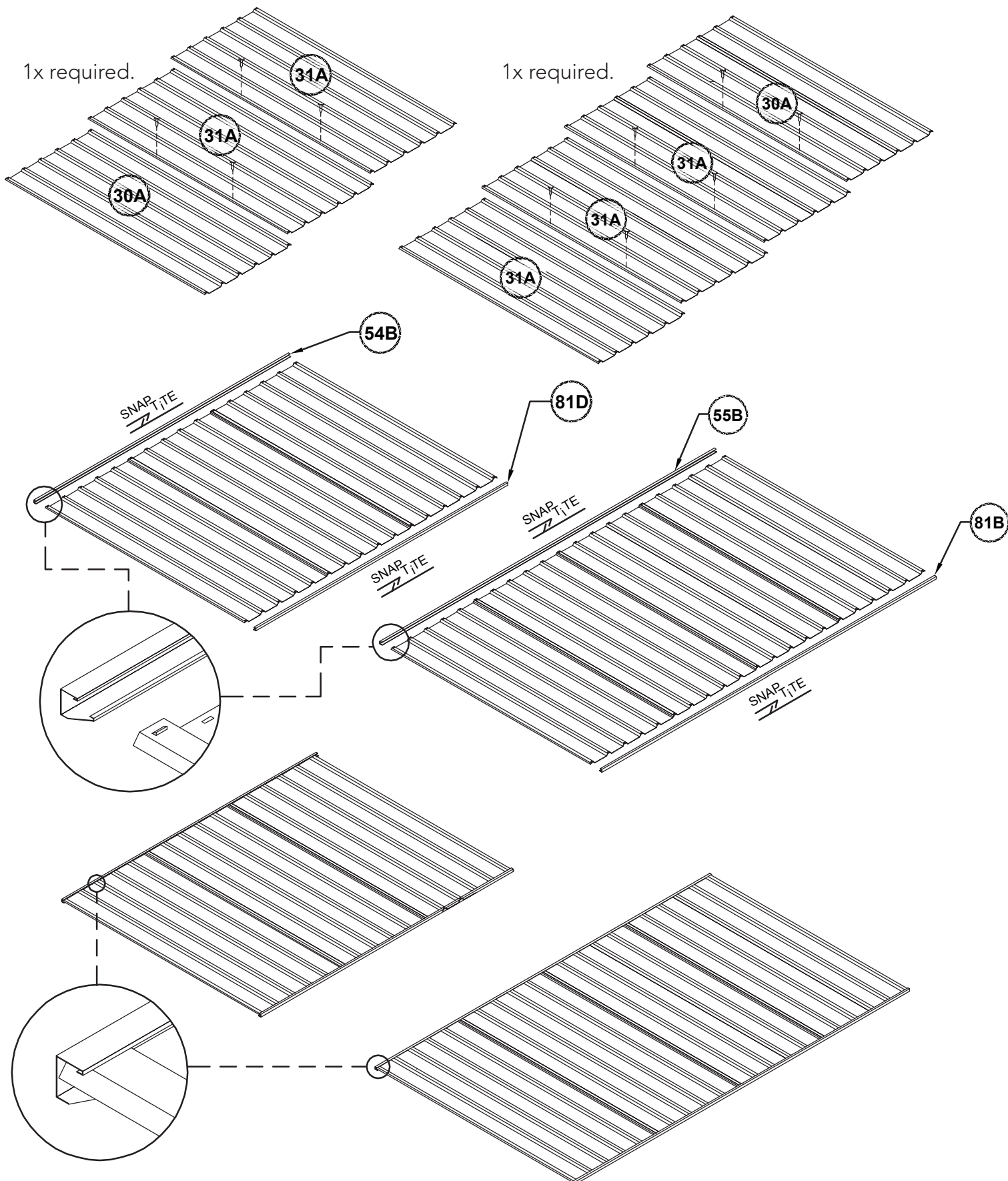
## OVERVIEW OF WALL COMPONENTS

## OVERVIEW OF WALL COMPONENTS





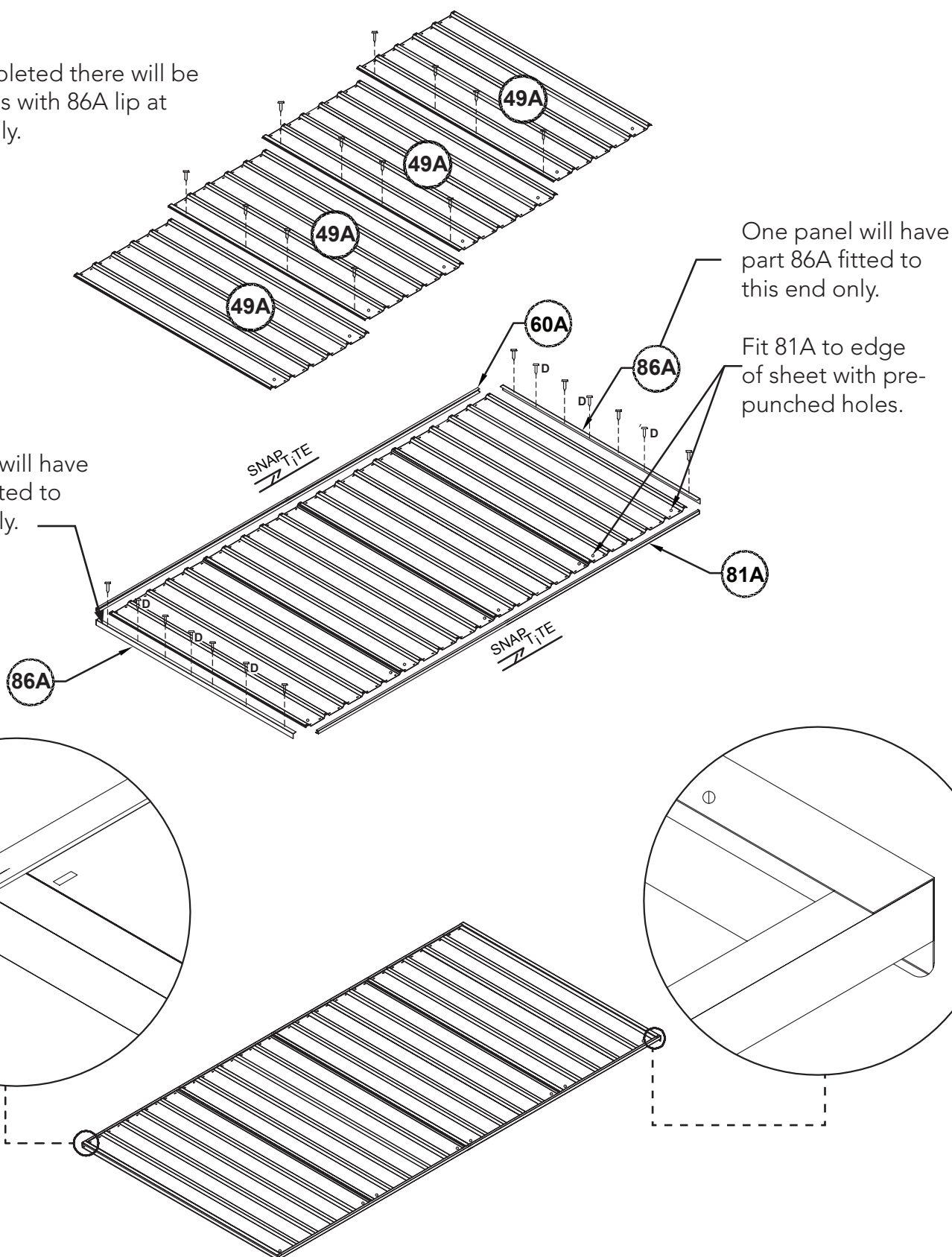
## END PANEL ASSEMBLY



## ROOF PANEL ASSEMBLY

2 required.

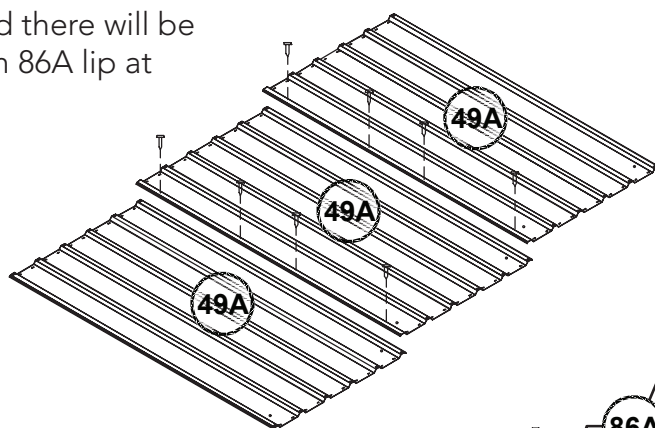
When completed there will be two sections with 86A lip at one end only.



## ROOF PANEL ASSEMBLY

2 required.

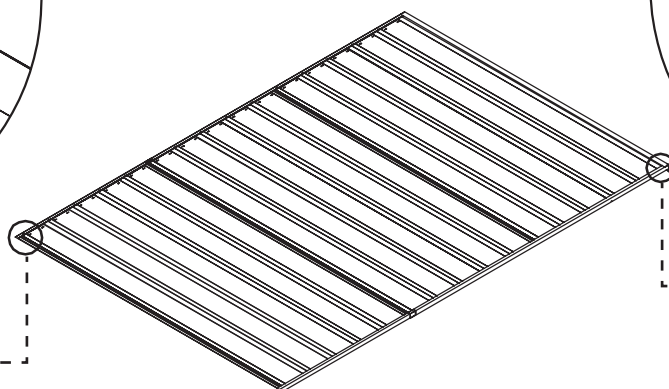
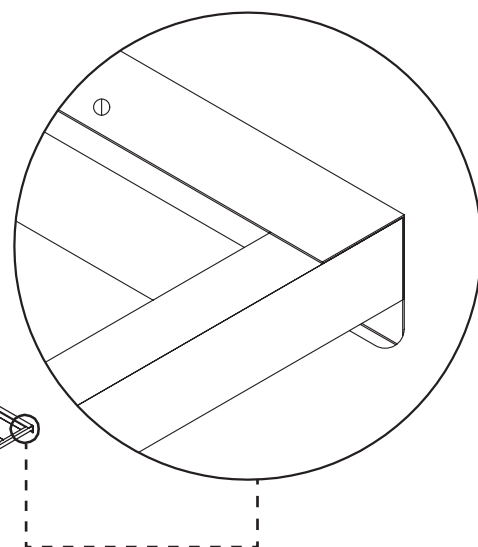
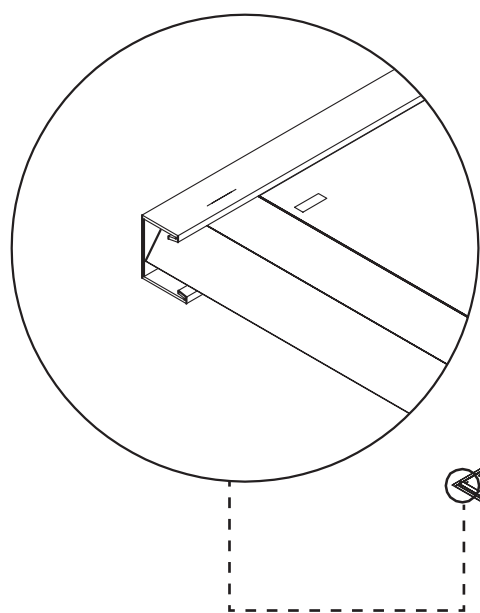
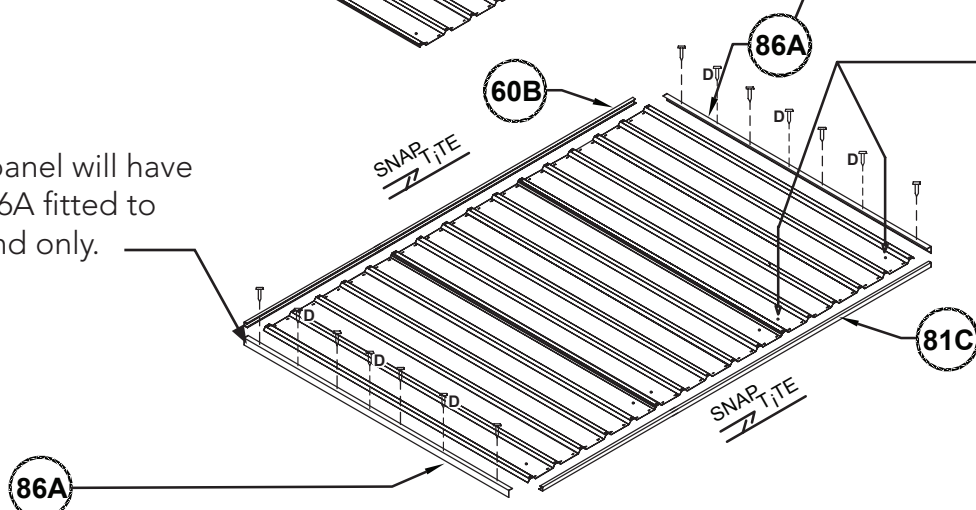
When completed there will be two sections with 86A lip at one end only.



One panel will have part 86A fitted to this end only.

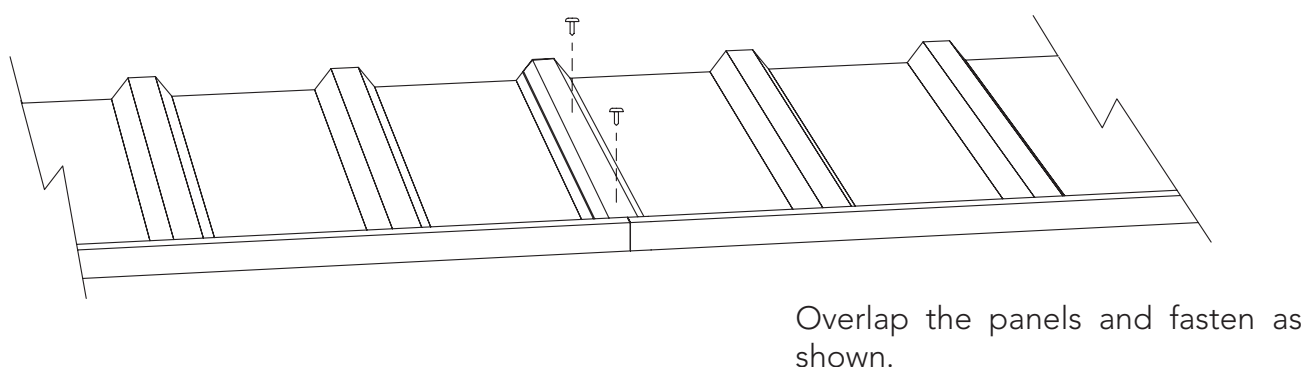
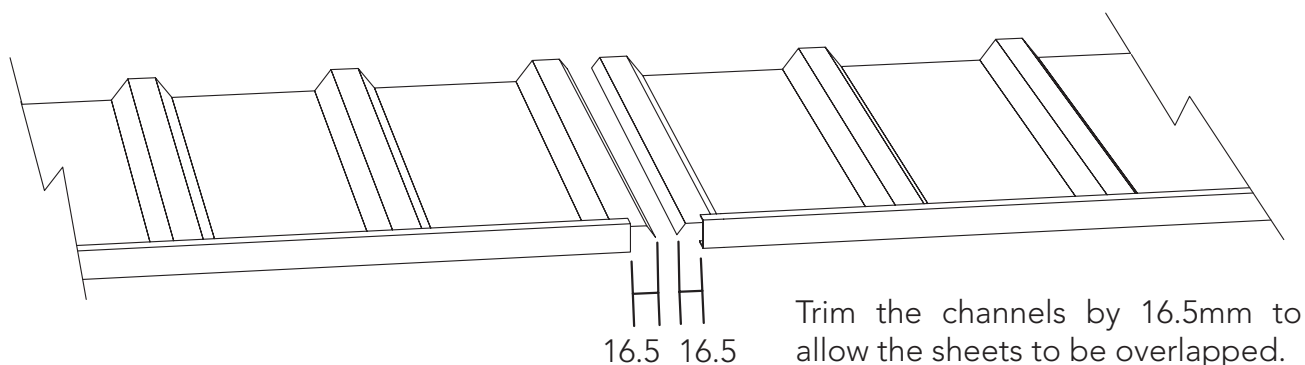
One panel will have part 86A fitted to this end only.

Fit 81C to edge of sheet with pre-punched holes.



## JOINING WALL AND ROOF PANELS

To make the total span we must now join sections of sheeting together for the roof and wall.



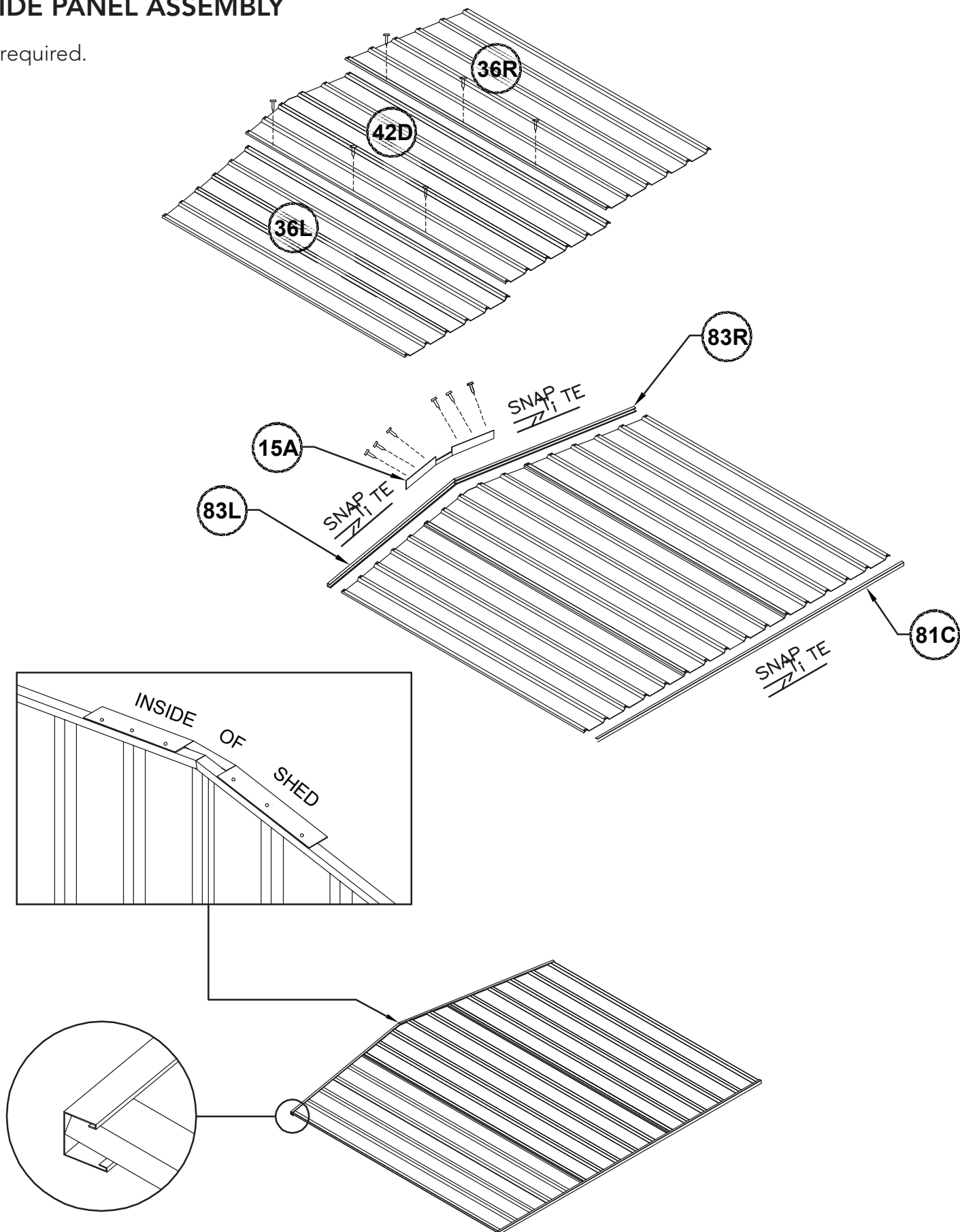
Refer to the panel construction section of this instruction set for further details and ensure that the assembled panels are not joined together with pre-punched holes incorrectly positioned.

The overall length of each panel is the same as the ridge beam.

It is not critical that the overall dimension is exact but try and make sure the length is within 5mm.

## SIDE PANEL ASSEMBLY

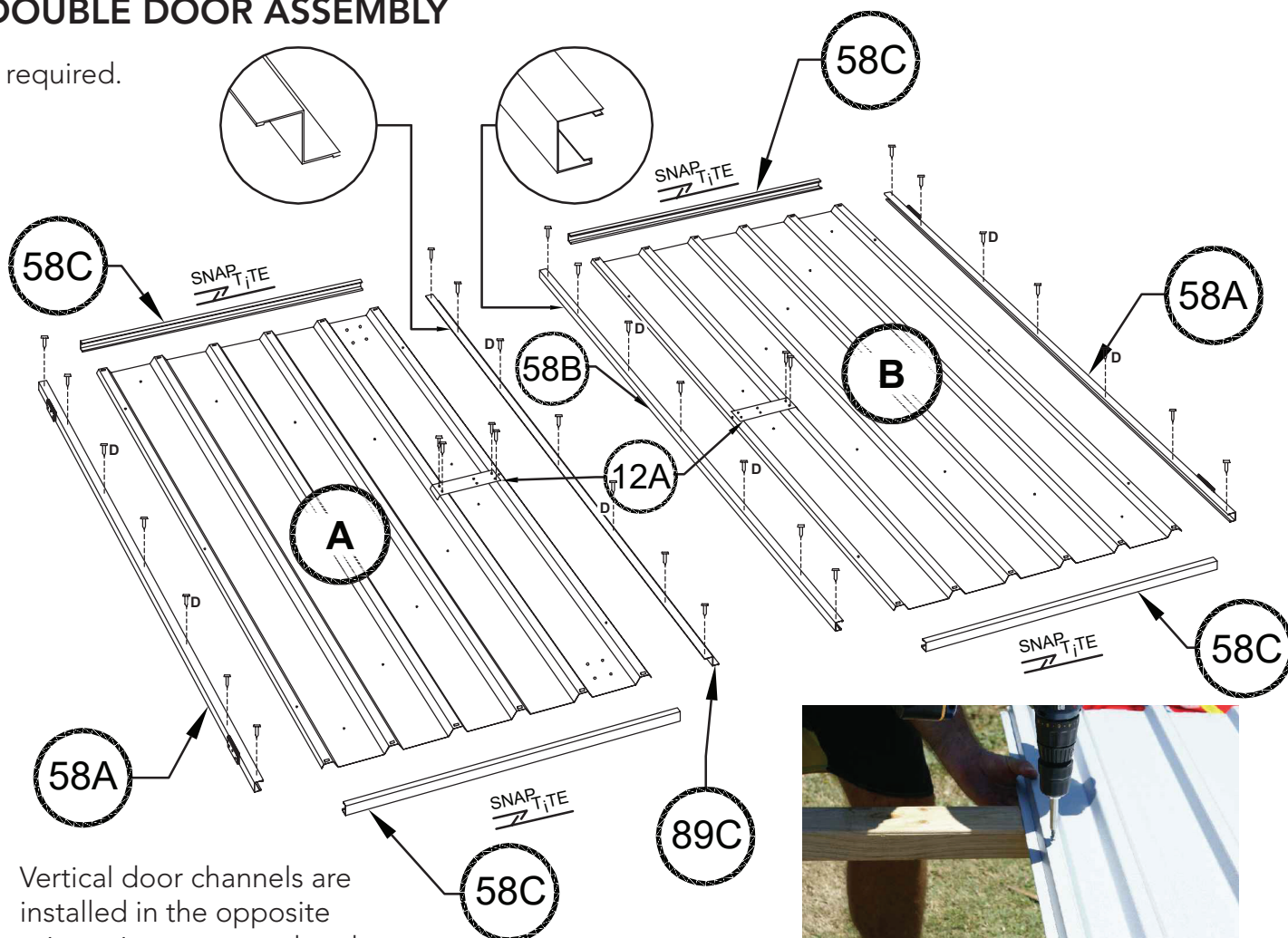
2 required.





## DOUBLE DOOR ASSEMBLY

1 required.

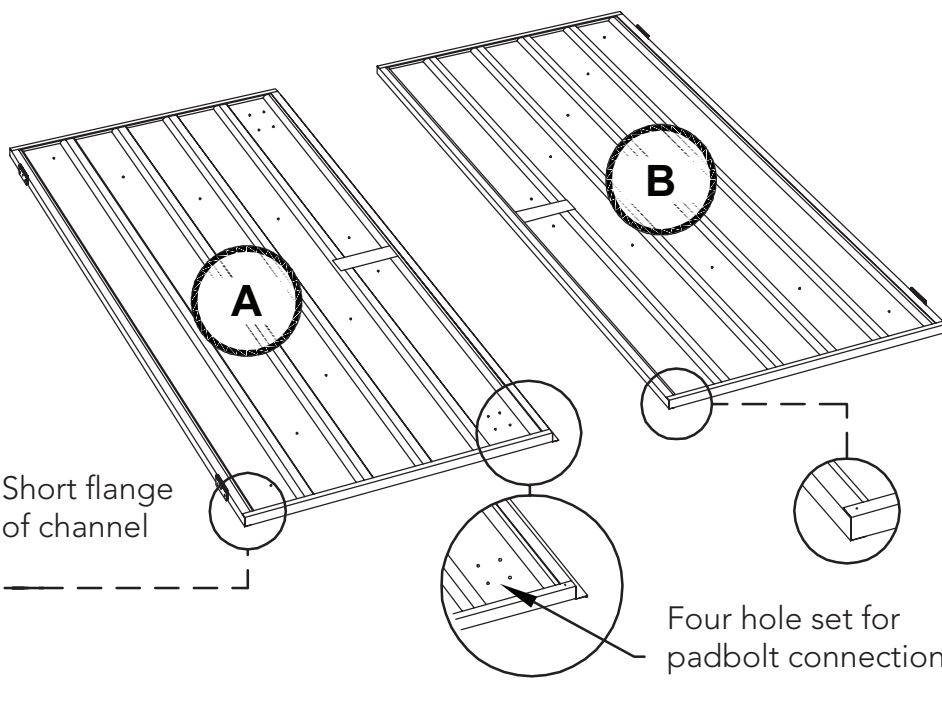


Vertical door channels are installed in the opposite orientation compared to the horizontal door channels.



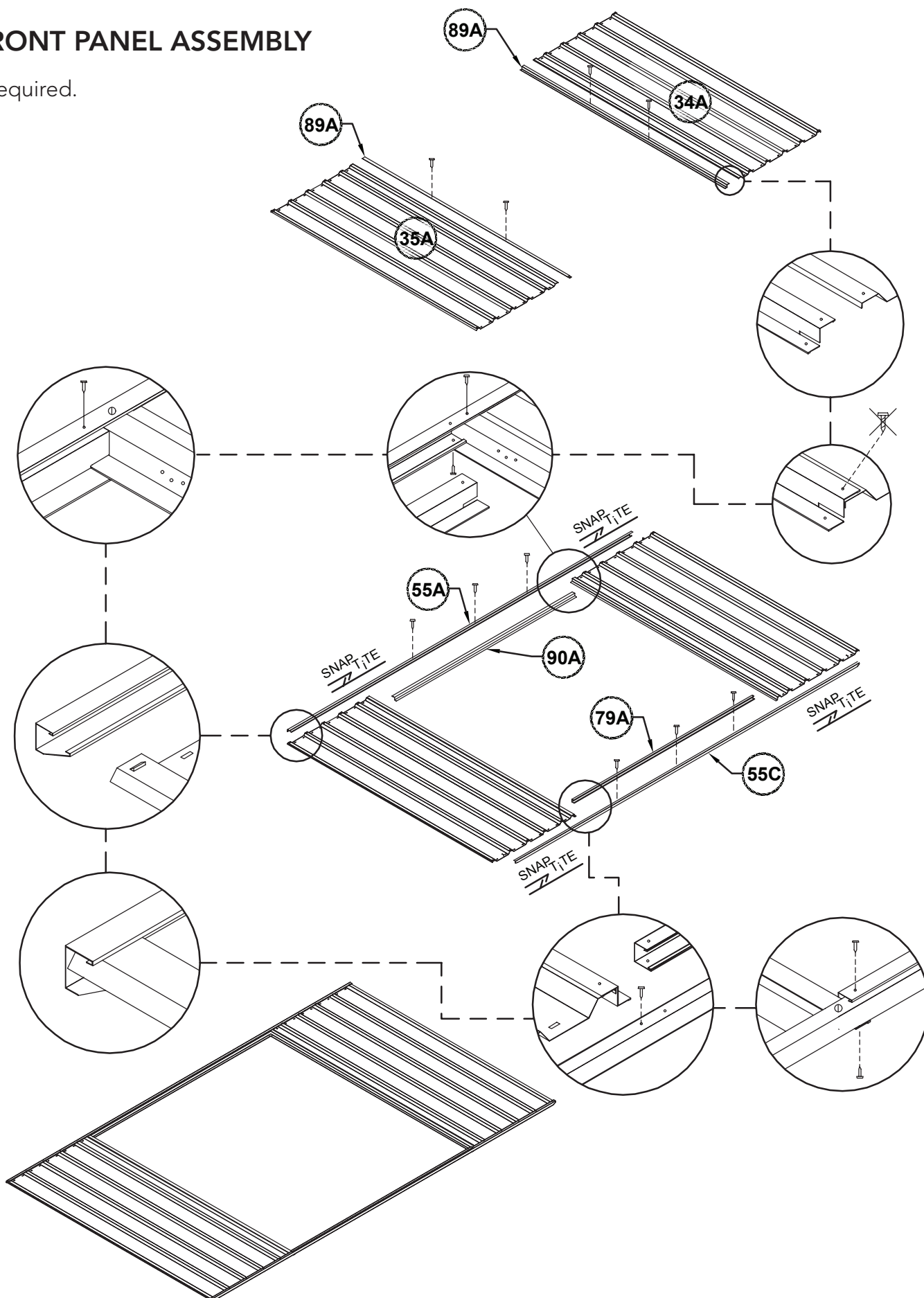
Long flange of channel

Short flange of channel

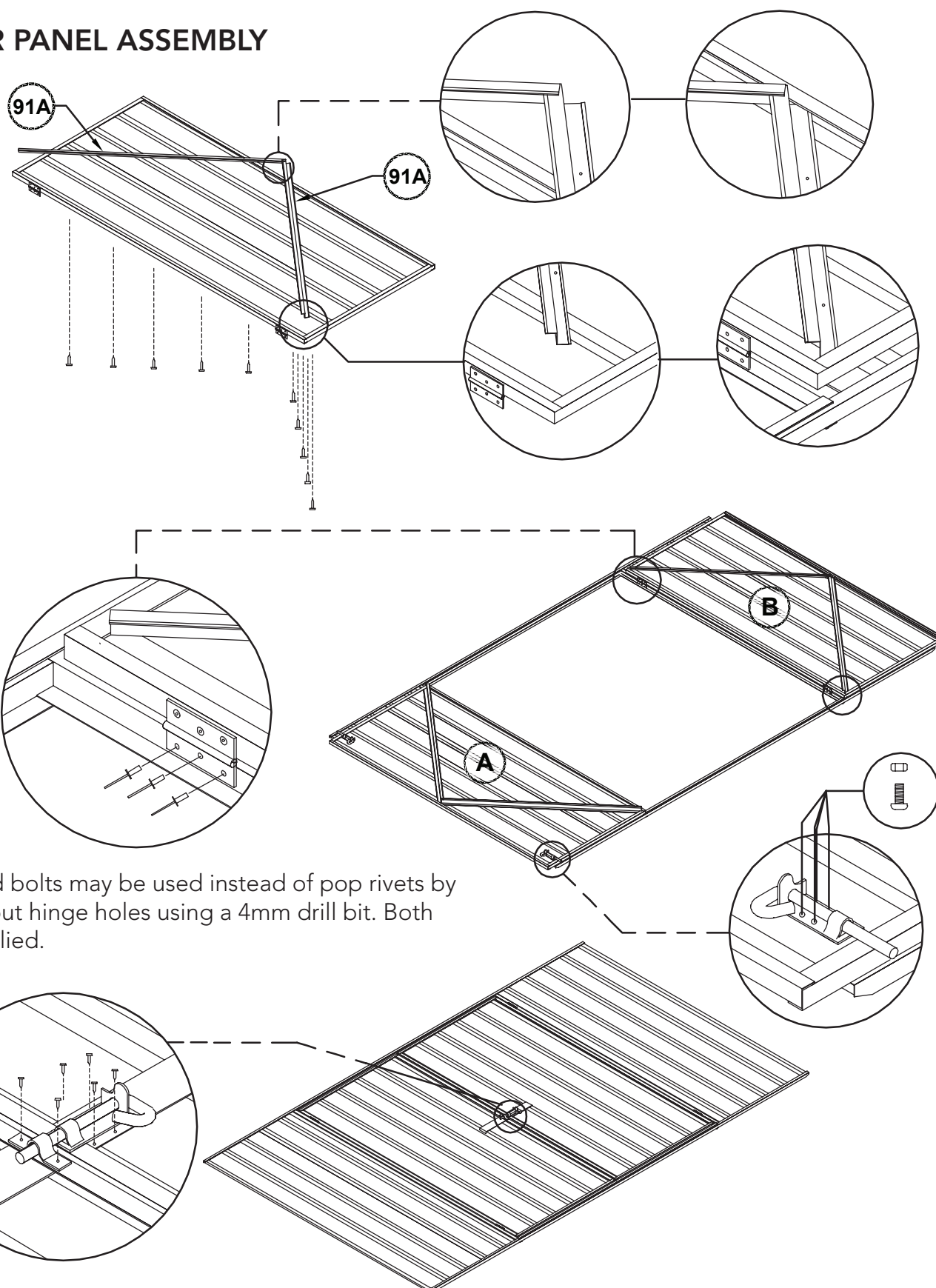


## FRONT PANEL ASSEMBLY

1 required.



## DOOR PANEL ASSEMBLY



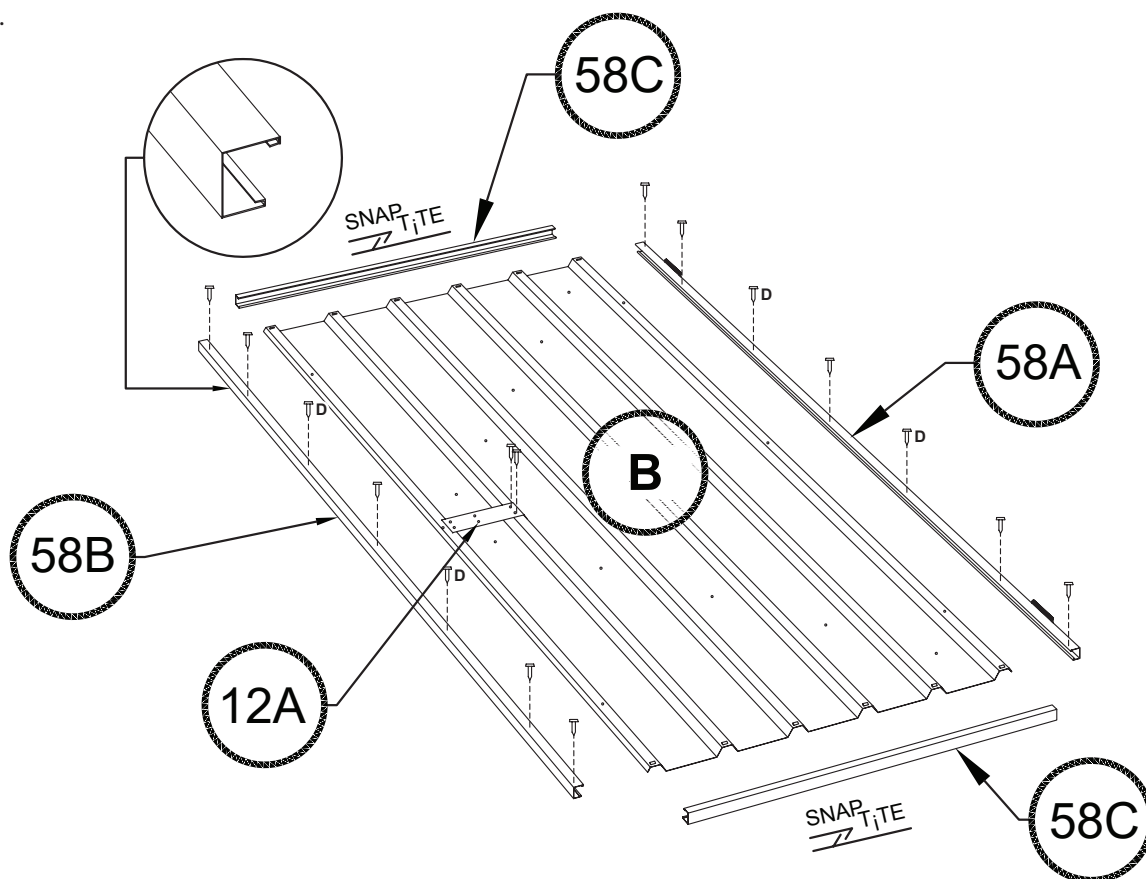
Nuts and bolts may be used instead of pop rivets by drilling out hinge holes using a 4mm drill bit. Both are supplied.

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 drill 3mm holes and secure with screws.

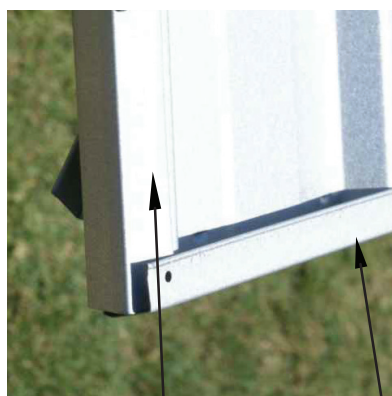


## DOOR PANEL ASSEMBLY SINGLE DOOR

1 required.

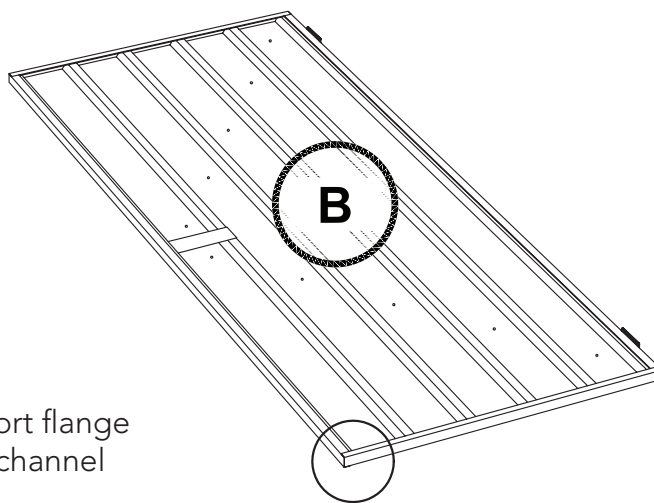
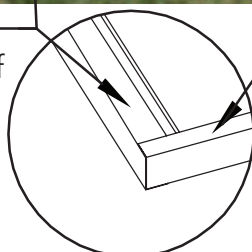


Vertical door channels are installed in the opposite orientation compared to the horizontal door channels.



Long flange of channel

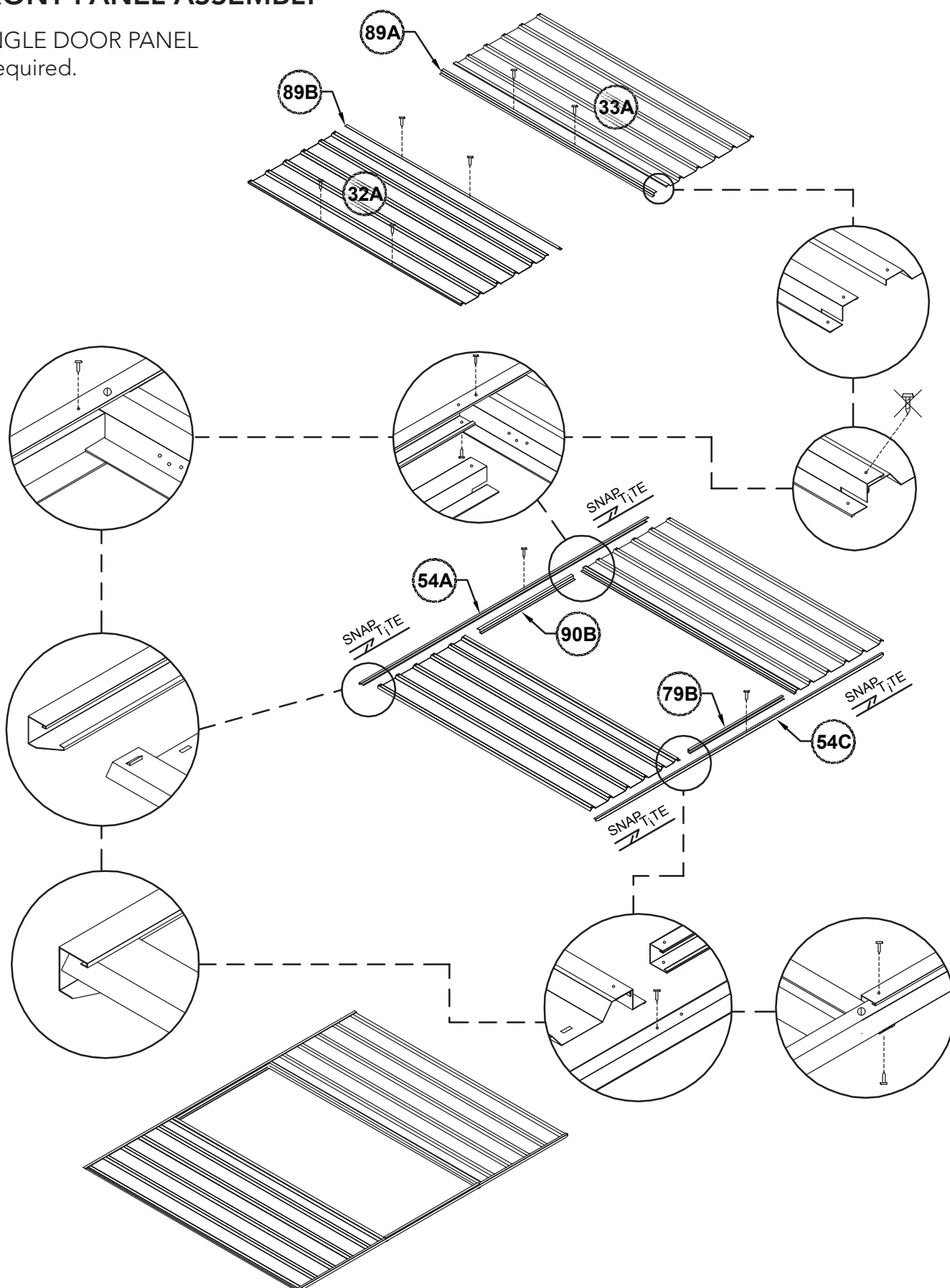
Short flange of channel



## FRONT PANEL ASSEMBLY

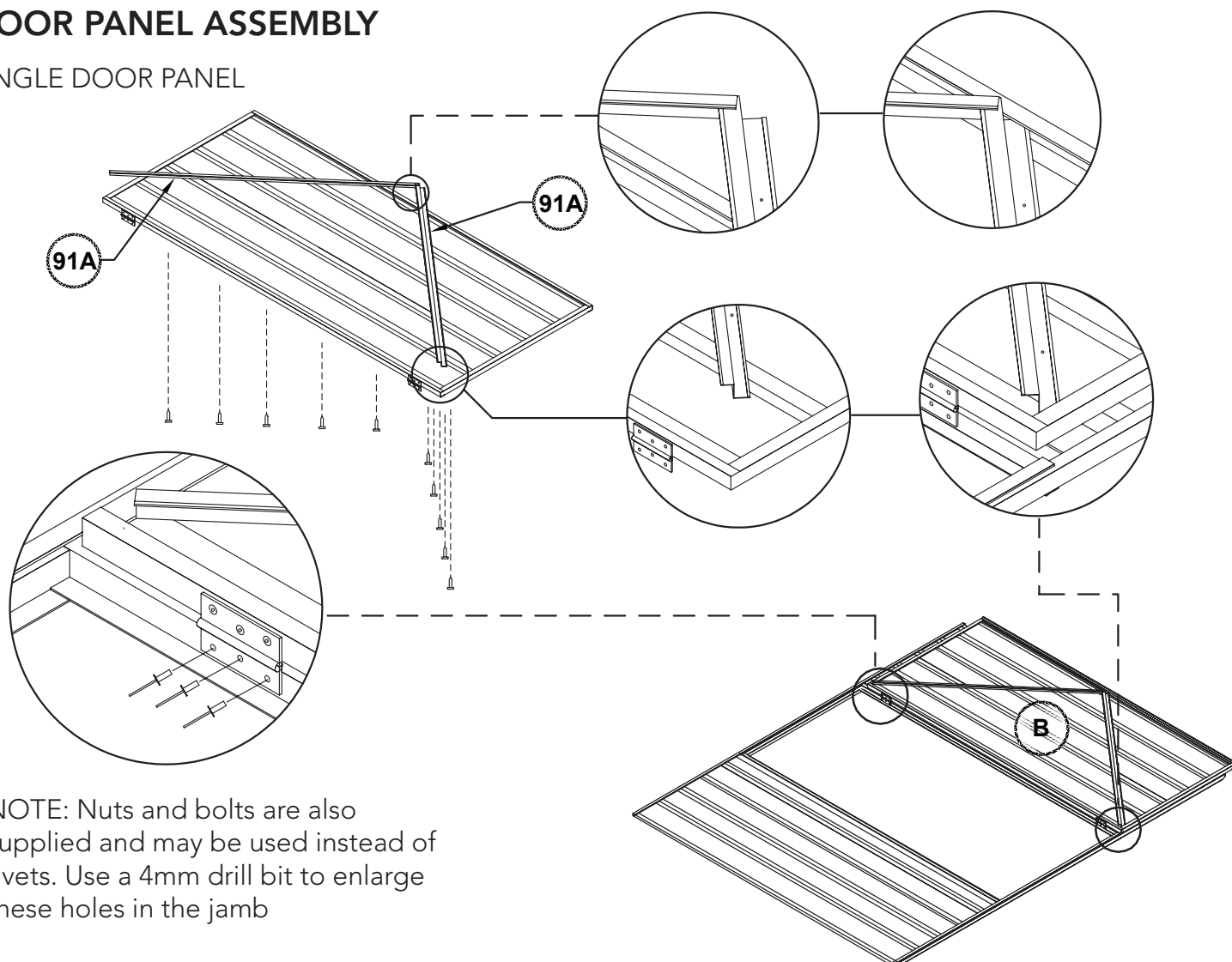
### SINGLE DOOR PANEL

1 required.



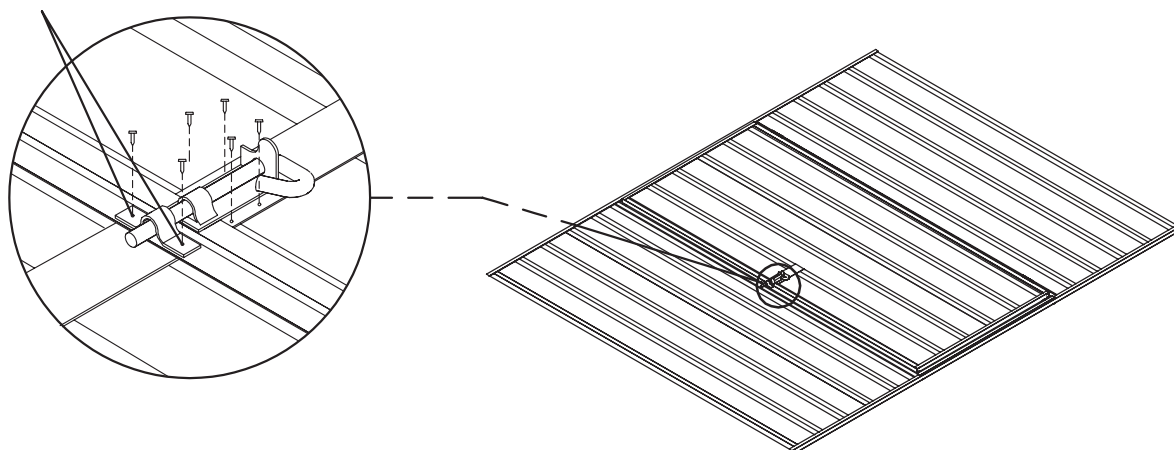
## DOOR PANEL ASSEMBLY

### SINGLE DOOR PANEL



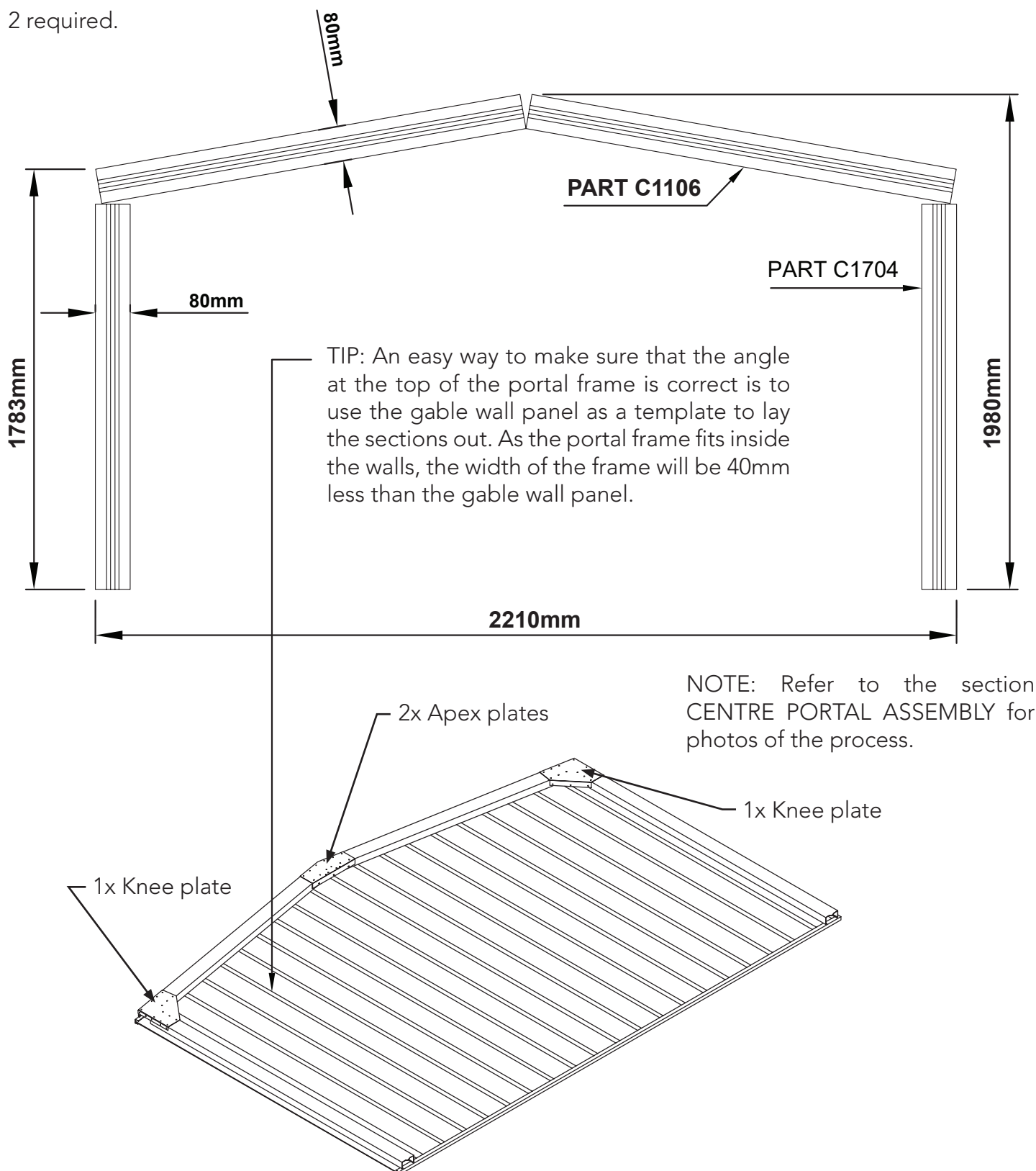
NOTE: Nuts and bolts are also supplied and may be used instead of rivets. Use a 4mm drill bit to enlarge these holes in the jamb

NOTE: The holes to fasten the padbolt hasp are not pre-punched to allow for proper alignment. Position the hasp centrally over the padbolt shaft and drill 3mm holes and secure with screws.



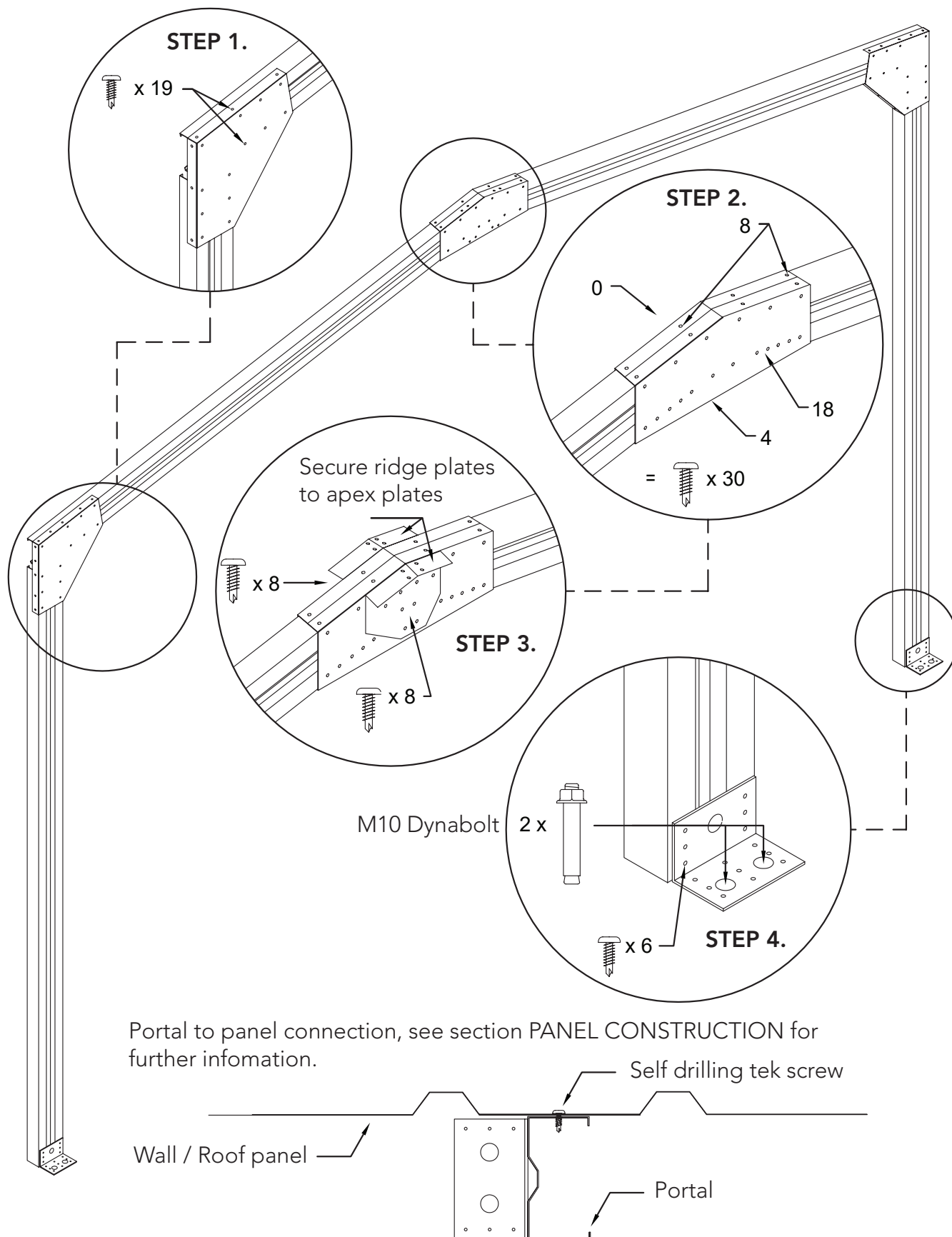
## CENTRE PORTAL FRAME DETAILS

2 required.



**NOTE:** If you have a slab with 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.

## CENTRE PORTAL FRAME DETAILS



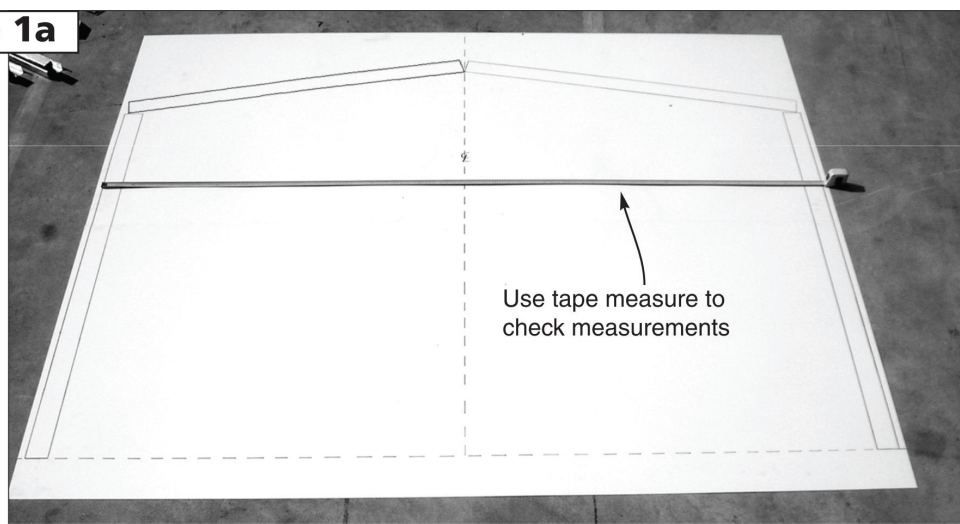


## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

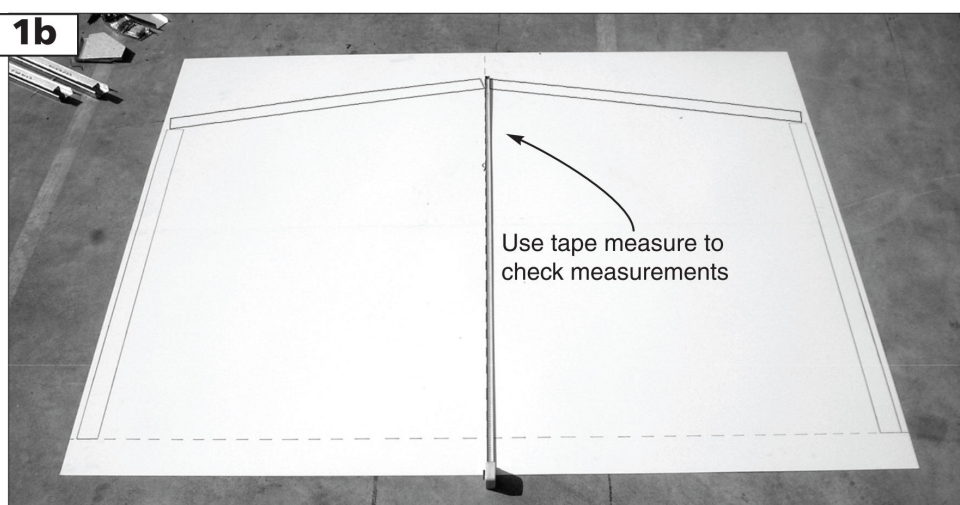
### STEP 1.

Draw pattern on the concrete in accordance with the dimensions detailed in the assembly instructions.

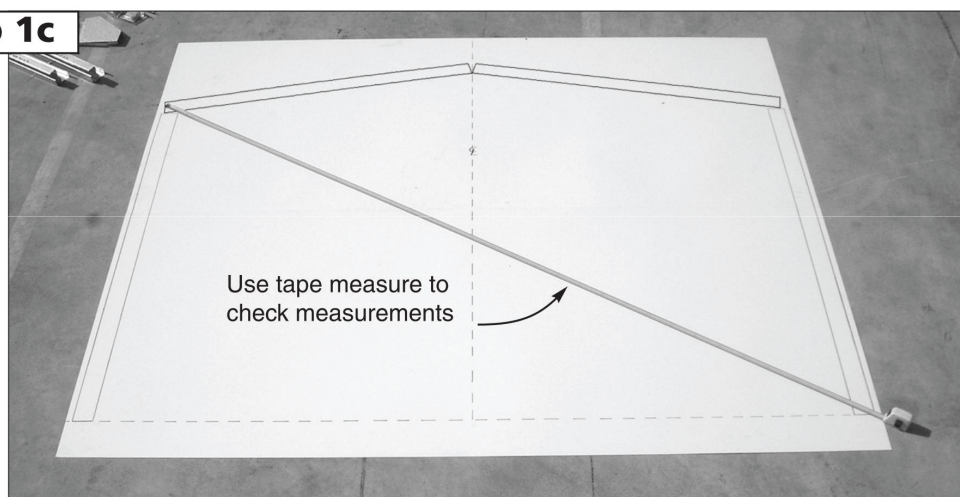
#### Step 1a



#### Step 1b



#### Step 1c

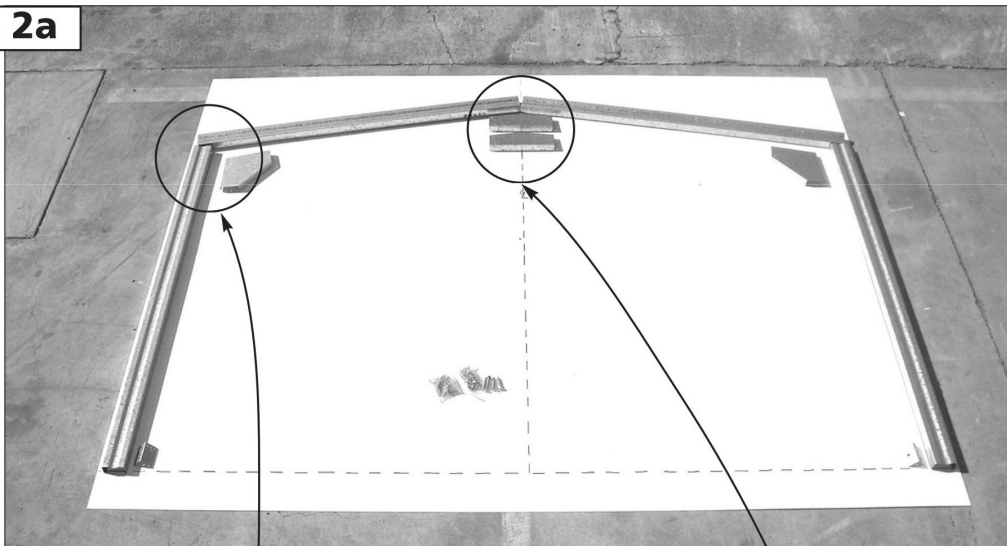


## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

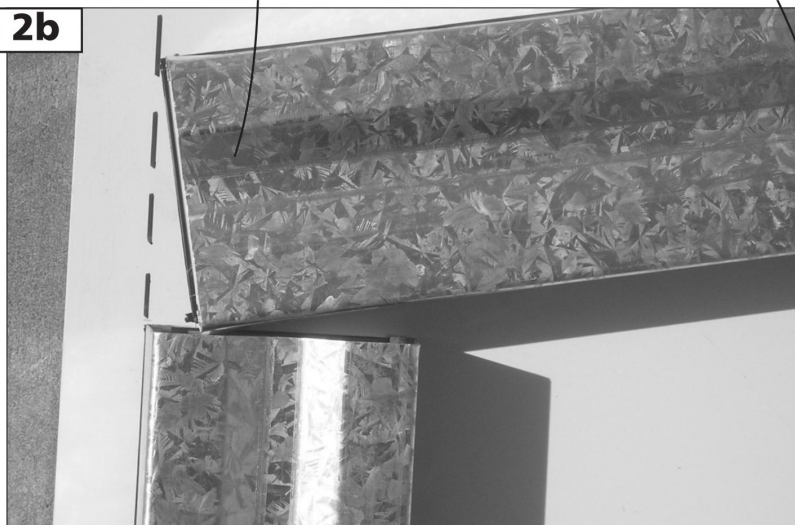
### STEP 2.

Understand where components are to be positioned

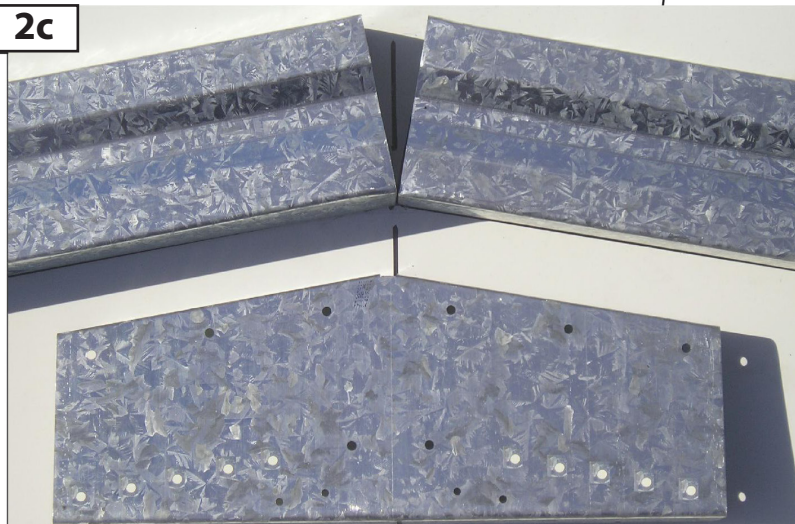
**Step 2a**



**Step 2b**



**Step 2c**



## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

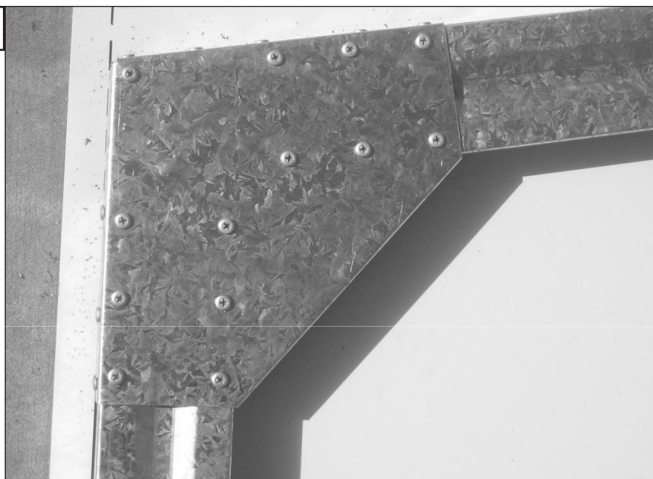
### STEP 3.

Join rafter to column with knee plate

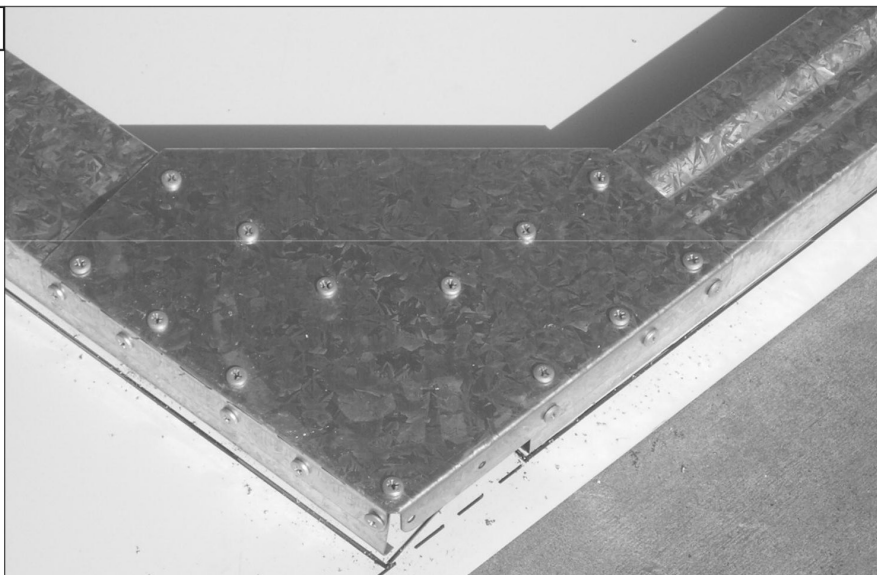
**Step 3a**



**Step 3b**



**Step 3c**



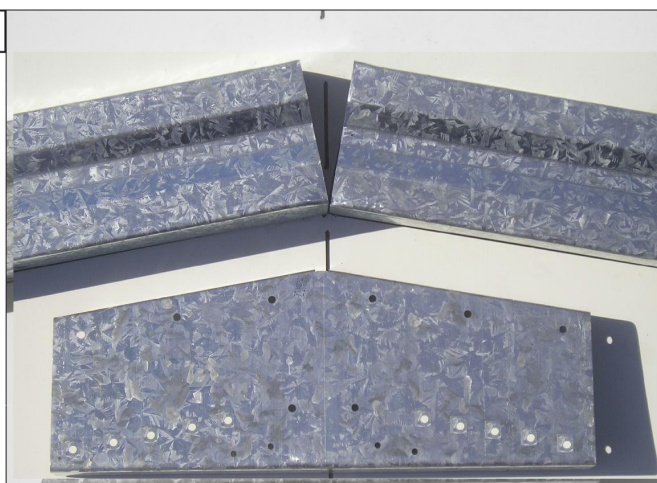


## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

### STEP 4.

Join both rafters using the apex plate

**Step 4a**



**Step 4b**



**Step 4c**



## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

### STEP 5.

Secure ridge plate (RBP)

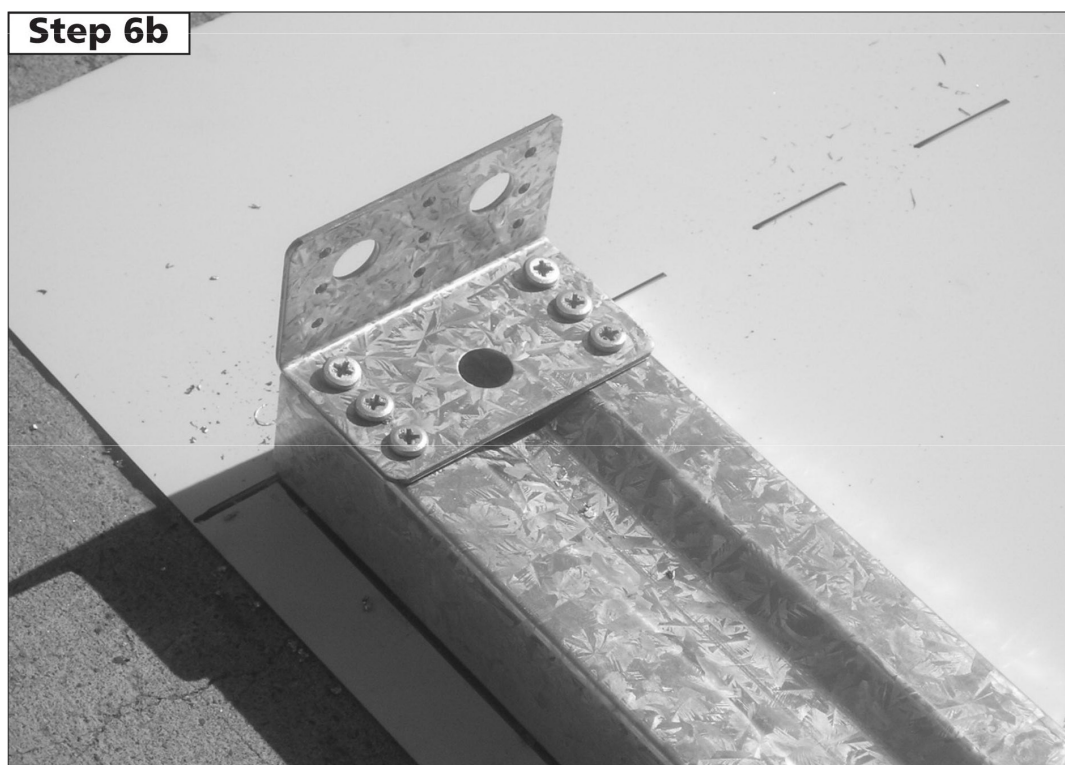
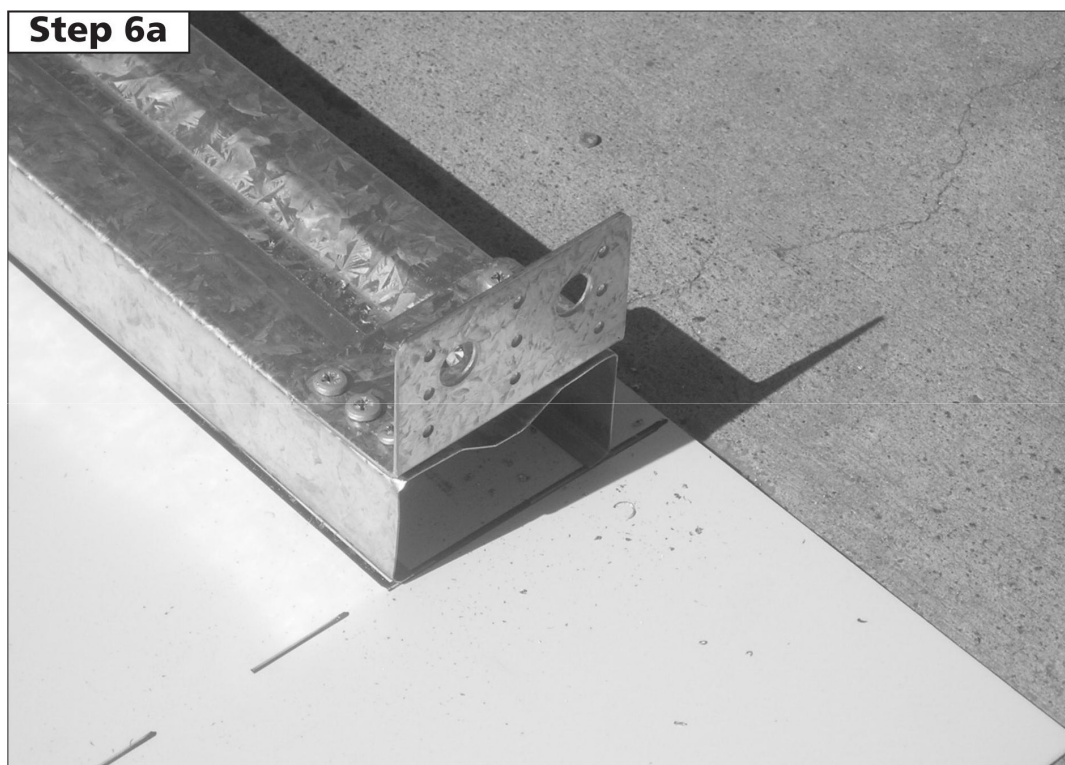




## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

### STEP 6.

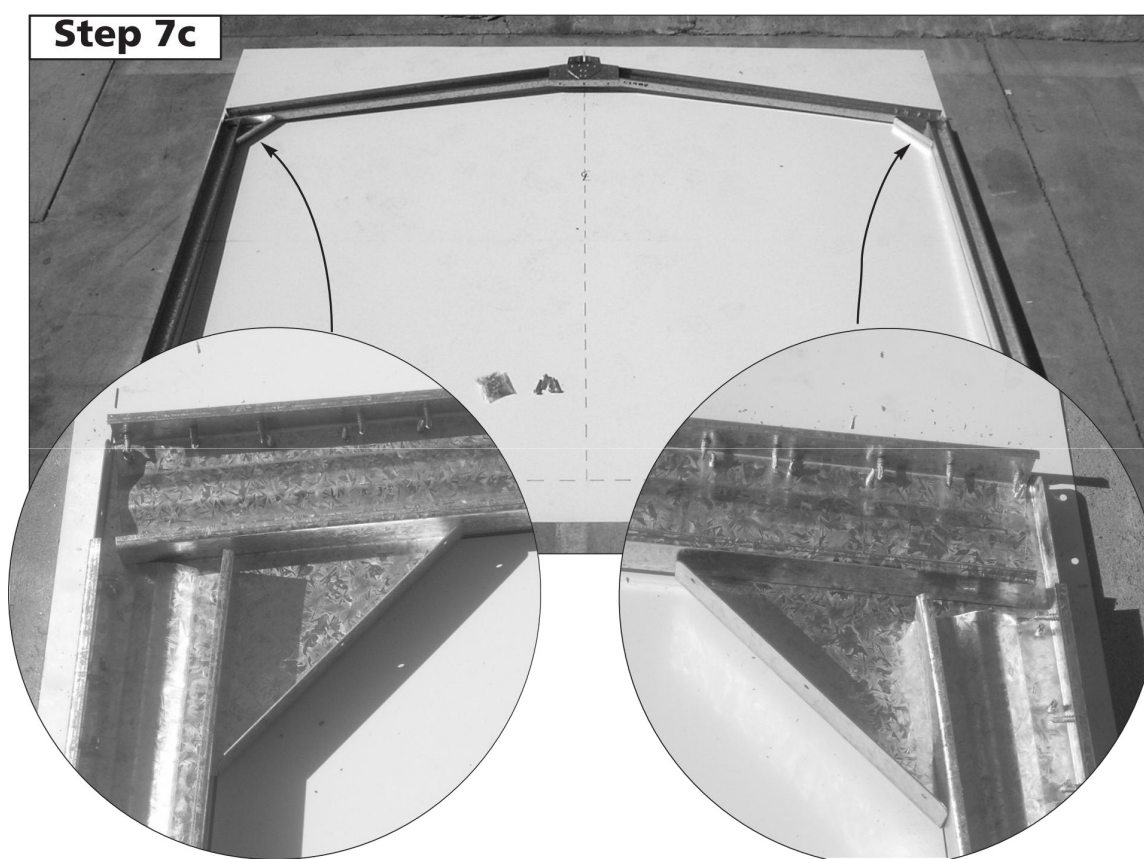
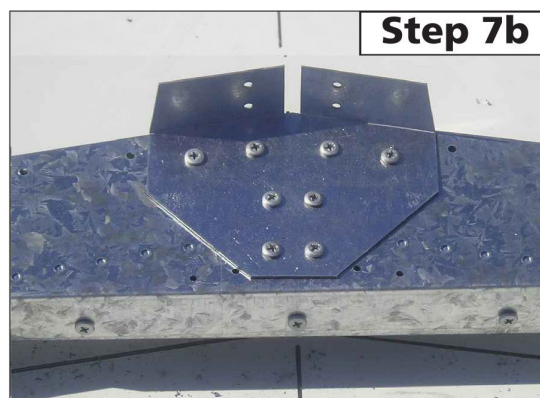
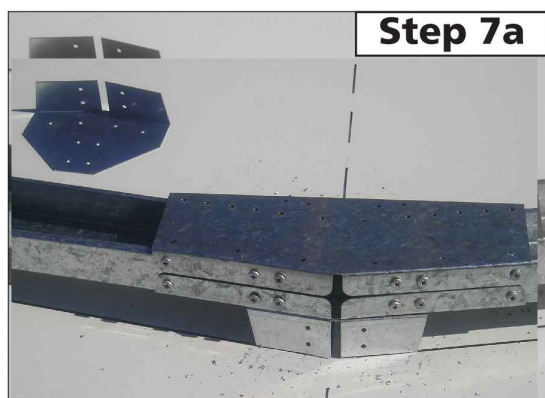
Secure multi purpose brackets



## CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

### STEP 7.

Turn frame over and repeat steps 4 and 5.



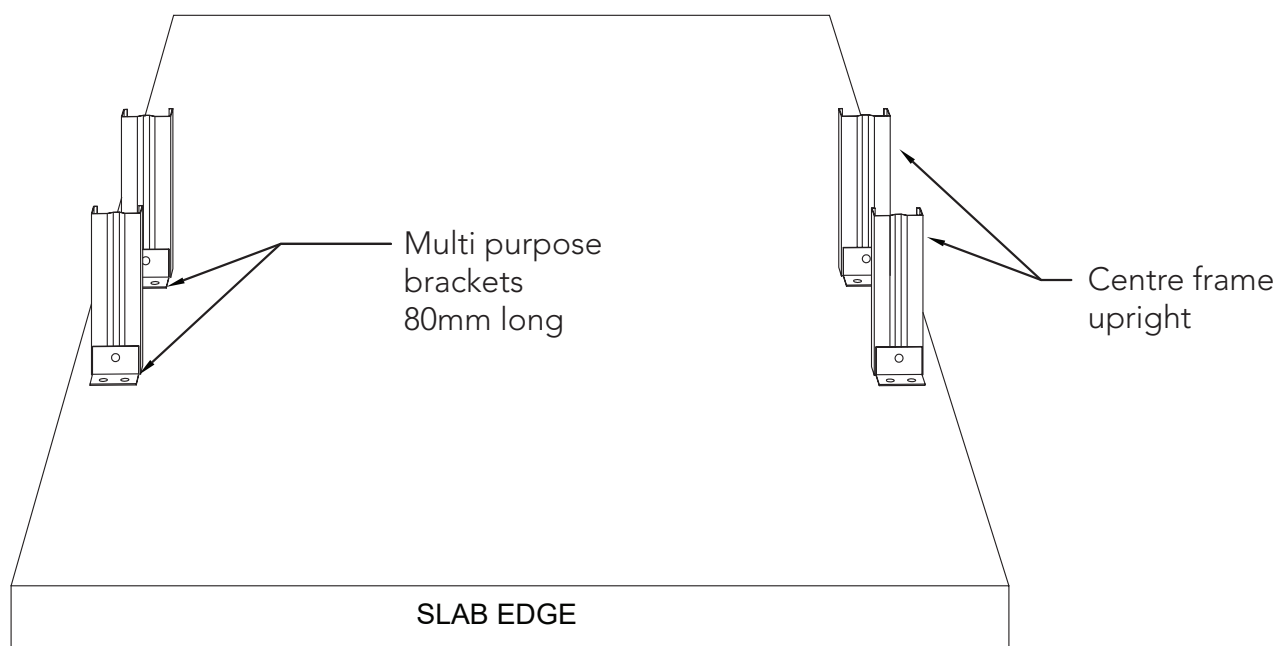
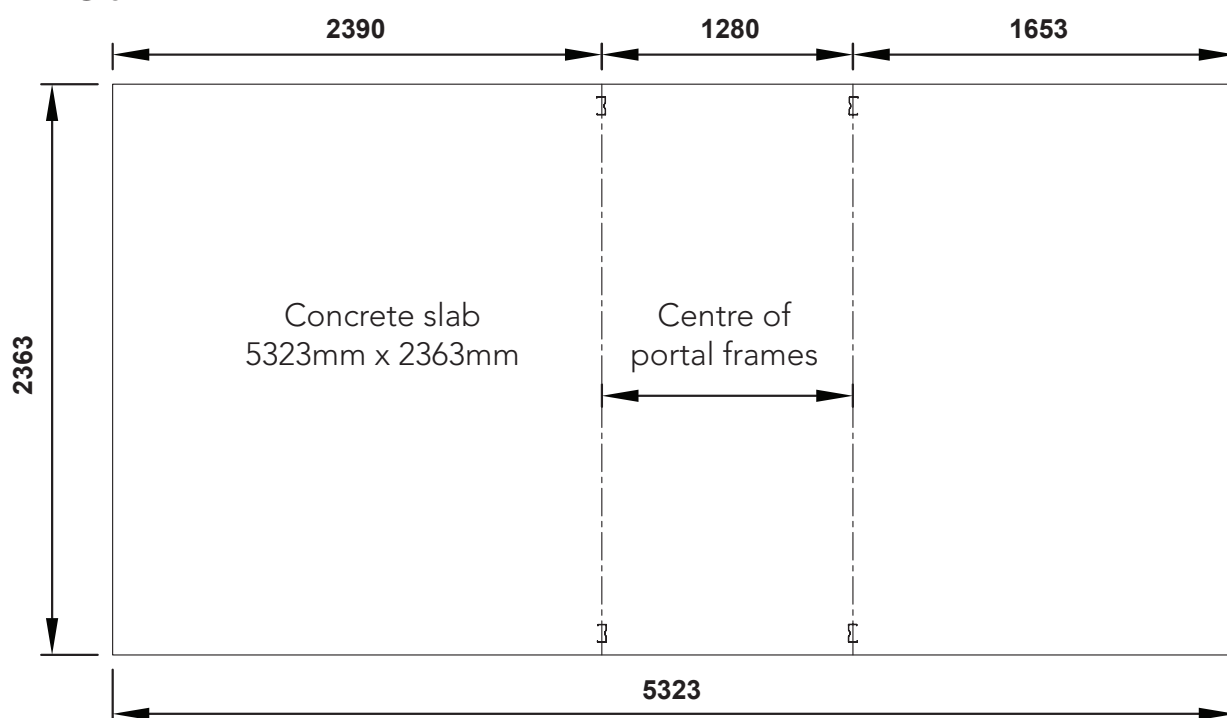
## PORTAL FRAME DETAILS

Recommended slab dimensions - 5323mm x 2363mm

External wall dimensions - 5223mm x 2263mm

Internal wall dimensions - 5183mm x 2223mm

FIG 8A

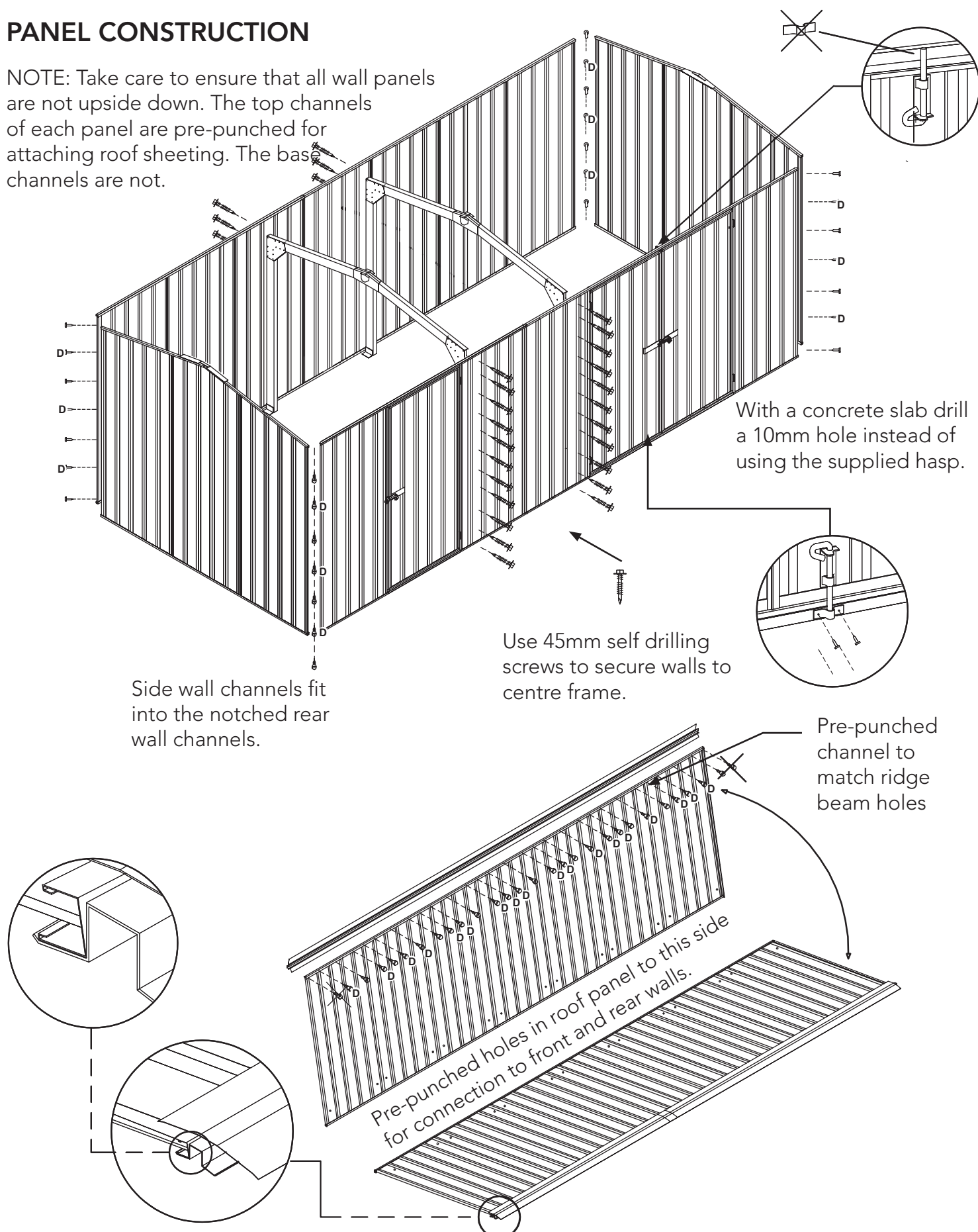


- Secure multipurpose brackets to uprights using self drilling screws
- Move frames into position, mark and drill holes in slab using 10mm masonry drill bit
- Secure frames to slab with M10 dynabolts.



## PANEL CONSTRUCTION

NOTE: Take care to ensure that all wall panels are not upside down. The top channels of each panel are pre-punched for attaching roof sheeting. The base channels are not.



## ROOF CONSTRUCTION

### STEP 1.

Secure peak brace to ridge beam and roof panel with one screw at each end, see **A** below.

### STEP 2.

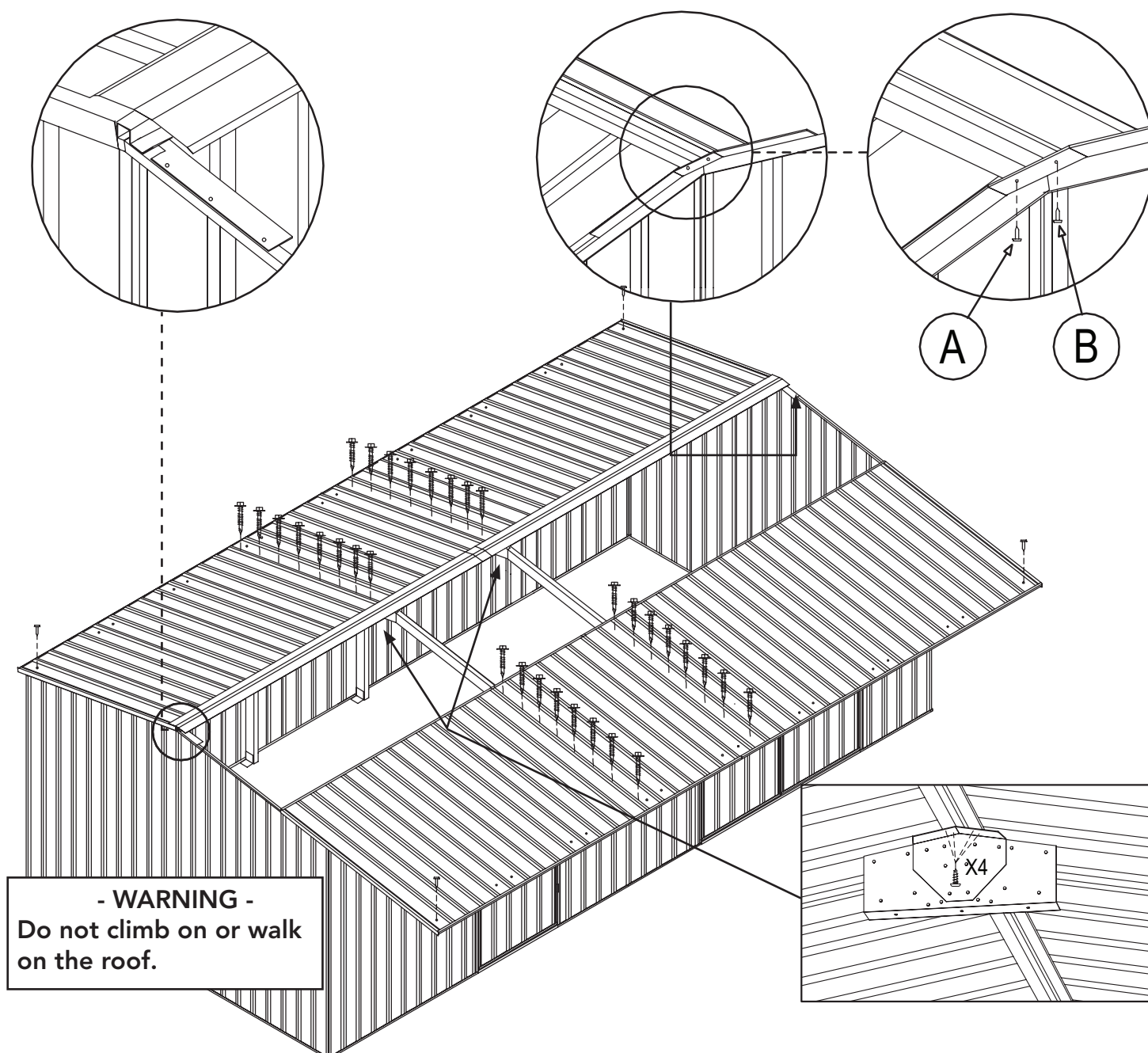
Move the other roof panel into position and secure peak brace to ridge beam and roof panel with one screw at each end, see **B** below.

### STEP 3.

Secure both roof panels to the walls with one screw in each corner first, followed by two screws adjacent to the portal frame as shown.

### STEP 4.

Secure roof panels to the top chords of the portal frame using 45mm self drilling tek screws.



## FINAL CONSTRUCTION

### STEP 1.

Secure the roof panels to the wall panels as shown.

### STEP 2.

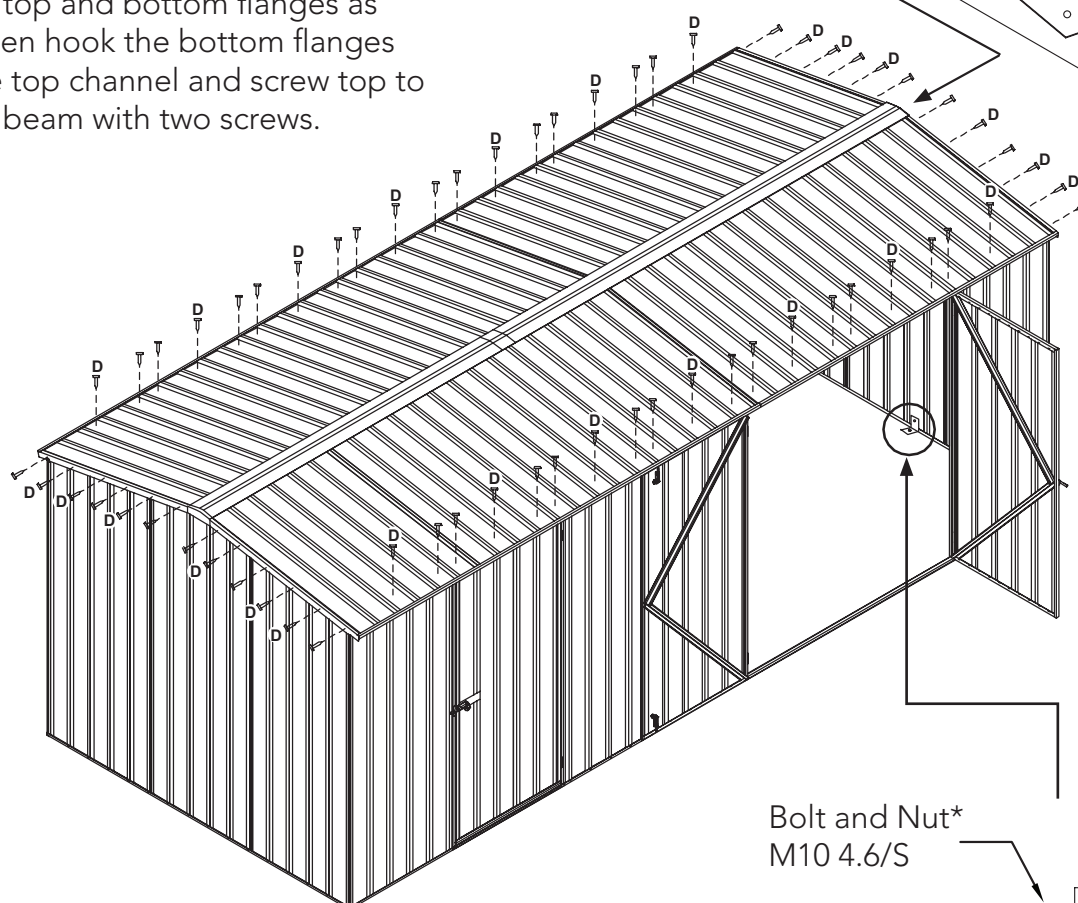
Secure the roof panels to the internal frames with self drilling tek screws.

### STEP 3.

Secure the portal frames to the ridge beam as detailed on the previous page.

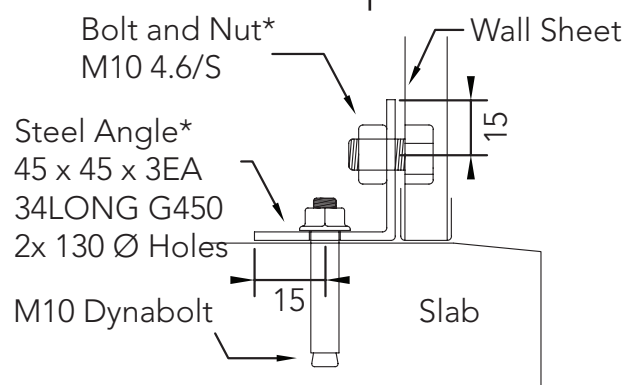
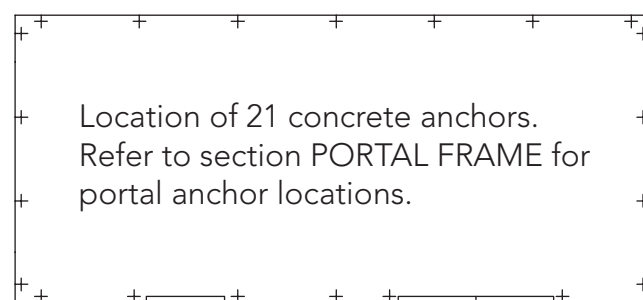
### STEP 4.

Bend the top and bottom flanges as shown, then hook the bottom flanges under the top channel and screw top to the ridge beam with two screws.



Each anchor consists of one nut, bolt, M10 dynabolt and steel angle.  
Drill a 10mm hole into the wall sheet.  
Drill a 10mm hole into the concrete.

## ANCHORING OF SHED



\* Denotes hot dip galvanised finish



## Absco Large Gable Roof Shed Notes

### General

- 1.G This instruction manual shall be read in conjunction with other consultants drawings, specifications and written instructions provided by Absco and/or their representatives.
- 2.G The drawings provided herein are for installation and structural engineering purposes only. If discrepancies are discovered within the documentation provided, these shall be brought to the attention of Absco and written approvals obtained prior to commencing the affected section of work.
- 3.G If in doubt ask.
- 4.G Until approvals from the local authorities are obtained, commencement of construction from these drawings shall not commence.
- 5.G Unless varied by the project specification, all materials and workmanship shall be undertaken in accordance with the relevant Australian standards and the by-laws and ordinances of the relevant building authorities.
- 6.G All dimensions indicated in these drawings shall be verified on site by the installation contractor. Scaling of drawings shall not be undertaken.
- 7.G Prior to commencing works on site, the contractor shall verify the position of all services in the area to ensure that the construction does not interfere with any of those services.
- 8.G During installation on site the shed structures shall be maintained in a stable condition with no part becoming overstressed or permanently deformed.
- 9.G In circumstances where the shed has been installed in a manner which is inconsistent with the installation manual, structural certification shall be void.
- 10.G The structural components detailed within this installation manual have been designed for the following loads in accordance with AS/NZS1170 based on a Class 10a, Type 2 structure:
- Roof Live Load: 0.25 kPa uniformly distributed or 1.1 kN concentrated as per AS/NZS1170.1

Wind Load: Classification N2, Non-Cyclonic to AS4055 where  $V_u = 40$  m/s,  $V_s = 26$  m/s

Windward wall  $C_{pe} = 0.7$

Leeward Wall  $C_{pe} = -0.3$  to  $-0.5$  as applicable based on shed geometry

Side Wall  $C_{pe} = -0.2$  to  $-0.65$  as applicable based on shed geometry

Roof  $C_{pe} = -0.3$  to  $-1.04$  depending on wind direction

## Absco Large Gable Roof Shed Notes

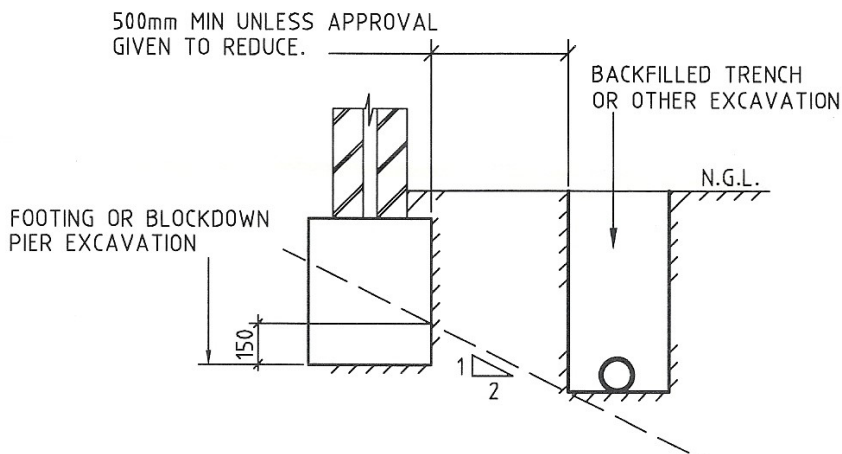
### Steelwork

- 1.S All structural steelwork shall have a corrosion protection system applied consistent with AS/NZS 2312-2002.
- 2.S All structural steelwork detailed within this installation manual shall be minimum Grade 550 for roll formed sections (including roof and wall sheeting and portal frame members) and Grade 250 for angle sections.
- 3.S All multi purpose and anchor brackets for connection onto the supporting reinforced concrete slab (includes 45x45x3EA x 34mm long and 47x47x1.9EA x 80 long) shall be minimum Grade 450.
- 4.S All portal frame knee and apex plates shall be minimum Grade 450
- 5.S All roof, and wall sheeting shall be minimum base metal thickness of 0.3mm
- 6.S All portal frame members shall be minimum base metal thickness of 0.75mm.
- 7.S All snaptite channels and jambs shall be minimum base metal thickness of 0.42mm
- 8.S All top hats shall be minimum base metal thickness of 1.0mm
- 9.S All portal frame knee and apex plates shall be minimum base metal thickness 1.0mm
- 10.S All screw fasteners shall be Phil Pan Head Zinc Plated #8 x 3/4" (STP0820)
- 11.S All bolt fasteners for anchoring shall be M10 minimum grade 4.6/S
- 12.S Installation of screw fasteners shall generally be undertaken in accordance with the relevant provisions of AS1562.

## Absco Large Gable Roof Shed Notes

### Supporting Slab and Foundations

- 1.F The supporting slab foundation for the garden shed shall be of a minimum size indicated on the installation manual. The top surface of the formed slab shall be level and free of any irregularities which would inhibit the installation of the shed.
- 2.F The structural engineering design for the supporting slab foundation shall be undertaken by a suitably qualified structural engineer. The design shall consider all relevant provisions of AS3600 and AS2870.
- 3.F Between adjacent footings or excavations, the contractor installing the slab foundation shall not exceed a rise of 1 in a run of 2 in line of slope.
- 4.F Unless approved in writing by the slab foundation engineer, the limits of excavations near existing footings shall be in accordance with that indicated below.



The contractor shall undertake investigatory localised excavations near existing footings to ascertain their depth prior to excavating adjacent to them. It is noted that excavating to a depth below that indicated above shall not be undertaken without the written approval from the engineer.

## Absco Sheds Storage Guidelines

- 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 door seals 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.
- Absco accepts no responsibility for structural damage if doors were left open and/or not secured during a weather event.

### Post-Installation Care

Clear final product of steel fillings (swarf) caused by drilling holes and tek screws.

Failure to do so may cause discolouration of surfaces and promote corrosion.

Refer to warranty for more details

# Lifetime Warranty Statement



## 1. DEFINITIONS

In this document, capitalised terms have the following meaning:

- (a) "ABSCO" means John Scholtes Investments (No. 1) Pty Ltd trading as Absco Industries.
- (b) "Authorised Purpose" means for storage (other than storage of corrosive materials), and other activities typically expected of a non-habitable structure.
- (c) "Defect" means a defect in the design, workmanship, materials, or any other defect caused by the manufacturing process of the Product (including damaged or missing parts).
- (d) "Excluded Environment" means land located within 1km of:
  - (i) salt marine locations or other areas of marine influence;
  - (ii) severe industrial or other abnormally or highly corrosive environments;
  - (iii) areas not washed by rain;
  - (iv) a recognised flood, bushfire or earthquake zone; or
  - (v) areas with uncontrolled fill, unless an engineered foundation is constructed.
- (e) "Lifetime Warranty Period" means the period of 35 years, commencing on the day after the date of purchase of the Product.
- (f) "Lifetime Warranty Statement" means this 'Lifetime Warranty Statement' document.
- (g) "Parties" means ABSCO and You.
- (h) "Product" means any of following unless stated otherwise in the product description and/or the Product Guide for the Product:
  - (i) products which utilise ABSCO 'SNAP-TITE' technology, including but not limited to garden sheds, chicken coops, bike sheds and bin covers; and
  - (ii) all non-insulated large structures such as carports, awnings, shades and garages,but does not include any product stated to be in the "ABSCO Economy" range.
- (i) "Product Guide" means the guide for installation and maintenance of the Product produced by ABSCO.
- (j) "You" / "Your" means the customer who purchased or installed the Product, or the person who owns the land upon which the Product is installed but does not include a subsequent purchaser of the Product where the Product is moved to a different location to that originally installed.

## 2. ABSCO'S STRUCTURAL WARRANTY

- 2.1. ABSCO provides this warranty to You in relation to the Product. The warranty applies to all colours and finish variants of the Product manufactured by ABSCO and sold by authorised sellers of the Product in Australia or New Zealand.
- 2.2. Subject to the terms of this Lifetime Warranty Statement:
  - (a) ABSCO warrants that the Product will be free from Defects for the duration of the Lifetime Warranty Period; and
  - (b) where the Product contains a Defect, ABSCO will either repair or replace the Product, or provide You with monetary compensation for the Defect in accordance with clause 3.

## 3. WARRANTY CLAIM PROCEDURE

- 3.1. If, during the Lifetime Warranty Period, You believe the Product has a Defect, You must comply with the procedure set out in this clause 3.
- 3.2. Within 30 days of becoming aware of the Defect in the Product, You must notify ABSCO in writing of the alleged Defect ("Defect Notice") by email to [admin@absco.com.au](mailto:admin@absco.com.au).
- 3.3. The Defect Notice must include:
  - (a) Your name, address and contact details;
  - (b) proof of purchase of the Product, including the colour and finish of the Product;
  - (c) the date and location of the installation of the Product and details of the contractor or installer of the Product;
  - (d) details of the alleged Defect in the Product, including but not limited to:
    - (i) a clear description of the alleged Defect;
    - (ii) the date the alleged Defect was first identified; and
    - (iii) any photographs and/or video footage of the alleged Defect.
- 3.4. As soon as reasonably practicable after receipt of the Defect Notice, ABSCO will contact You to investigate the alleged Defect. You must make the Product available to ABSCO and/or its authorised representatives for inspection and testing if so required.
- 3.5. A travel fee may apply if ABSCO and/or its authorised representatives are required to inspect the Product outside a capital metropolitan city area.
- 3.6. If ABSCO's investigations reveal a genuine Defect in the Product, ABSCO may elect to either:
  - (a) repair the Product;
  - (b) replace all or part of the Product; or
  - (c) refund all or part of the purchase price paid by You as compensation for the Defect in the Product.
- 3.7. ABSCO's election in clause 3.6 is at ABSCO's sole discretion.
- 3.8. If ABSCO elects to repair the Product, ABSCO will arrange for a qualified tradesperson to attend to the rectification of the Defect as soon as reasonably practicable. The cost of the repair will be borne by ABSCO.
- 3.9. If ABSCO elects to replace the Product:
  - (a) ABSCO will arrange for the replacement Product to be available for collection by You from the nearest ABSCO authorised reseller as soon as reasonably practicable;
  - (b) You may be required to return the alleged Defective parts or components to ABSCO; and
  - (c) You will be liable for the cost of disassembly and removal of the Product and assembly of the replacement Product.
- 3.10. If ABSCO elects to repair or replace the Product and the necessary parts or components are no longer manufactured or supplied by ABSCO, ABSCO may repair or replace the parts or components with parts or components of a similar quality, grade, composition and colour. You cannot object to such an alternative.
- 3.11. If ABSCO's investigations do not reveal a genuine Defect in the Product (including a defect which is not covered by this warranty), You agree to pay ABSCO's reasonable investigation costs.



#### 4. WARRANTY LIMITATIONS / EXCLUSIONS

- 4.1. To the extent permitted by law, this warranty will not apply where:
- (a) the Product has been installed or used for a purpose that is not an Authorised Purpose;
  - (b) the Product has not been installed, assembled, maintained and/or operated in complete compliance with ABSCO's Product Guide;
  - (c) the Product has been used to store corrosive materials such as fertiliser or chlorine;
  - (d) the Product was installed in excess of 12 months after the purchase of the Product;
  - (e) the Product has not been installed in accordance with the relevant standards, codes and statutory regulations;
  - (f) the Defect is determined to have been caused by storm, wind, rain, earthquake, fire, snow or poor foundations;
  - (g) the Defect is, or is the result of, surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);
  - (h) the Product has been installed in an Excluded Environment;
  - (i) the Product has been subject to accident, negligence, alteration, abuse or misuse;
  - (j) the Defect is determined to be the result of overloading; or
  - (k) ABSCO determines that the Defect is the result of a failure of a third-party product.
- 4.2. You acknowledge that:
- (a) dimensions and colour of the Product are subject to normal manufacturing variations and tolerances, and that reasonable variances are not considered a Defect under this warranty; and
  - (b) this warranty is limited to the repair or replacement of Defects in the Product and does not extend to any other product or any other consequential or indirect damage incurred as a result of the Defect.
- 4.3. For the purpose of this warranty, the following matters are excluded from the definition of Defect:
- (a) general wear and tear which is reasonably expected to occur over the life of the Product;
  - (b) surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);
  - (c) condensation caused by weather conditions such as extreme heat or cold;
  - (d) defects in any fastening apparatus (screws, nuts, bolts, rivets, hasps or bolts);
  - (e) leaks caused by driving rain;
  - (f) improper installation, maintenance or handling of the Product;
  - (g) movement, distortion, collapse or settling of the ground or the supporting structure on which the Product is installed; or
  - (h) staining from foreign substances (including mould, mildew, dirt, grease, oil and any other substance).
- 4.4. To the extent permitted by law, ABSCO is not liable to compensate You for any:
- (a) increased costs or expenses;
  - (b) loss of profit, revenue, business, contracts or anticipated savings;
  - (c) loss or expense resulting from a claim by a third-party; or

- (d) special, indirect or consequential loss or damage of any nature whatsoever, arising from a Defect in the Product or ABSCO's repair or replacement of the Product under this warranty.

#### 5. CONSUMER LAW

##### Australian Consumer Law

- 5.1. Clauses 5.2 to 5.3 apply where the Product was purchased in Australia.
- 5.2. The Product comes with guarantees that cannot be excluded under the Australian Consumer Law. You may be entitled to a replacement or refund for a major failure of the Product and compensation for any other reasonably foreseeable loss or damage. You may also be entitled to have the Product repaired or replaced if the Product fails to be of acceptable quality and the failure does not amount to a major failure.
- 5.3. The benefits of this Lifetime Warranty Statement are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this Lifetime Warranty Statement is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

##### New Zealand Consumer Law

- 5.4. Clauses 5.5 to 5.6 apply where the Product was purchased in New Zealand.
- 5.5. This warranty is subject to the laws of New Zealand, including but not limited to the New Zealand Sale of Goods Act, the Consumer Guarantees Act and the Fair Trading Act.
- 5.6. The benefits of this Lifetime Warranty Statement are in addition to any rights and remedies imposed by New Zealand legislation that cannot be excluded. Nothing in this Lifetime Warranty Statement is to be interpreted as excluding, restricting or modifying any New Zealand legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

#### 6. NO REPRESENTATIONS / ENTIRE AGREEMENT

- 6.1. You agree and acknowledge that this Lifetime Warranty Statement contains the entire agreement between the Parties regarding the warranty provided by ABSCO to You in relation to the Product.
- 6.2. To the full extent permitted by law, this Lifetime Warranty Statement supersedes all other warranties of any kind, including whether express or implied by representations, statement, correspondence or other conditions such as merchantability or fitness for purpose.

#### 7. REGISTRATION OF WARRANTY

- 7.1. Please ensure that You keep this Lifetime Warranty Statement in a safe place along with your proof of purchase of the Product.
- 7.2. To ensure ABSCO has a record of your warranty, You can register Your warranty online at <http://absco sheds.com.au/warranty-details/>.