

## 1 Roller Door

In Gable End (Type 1)



### BEFORE YOU START

This Installation Guide is designed to give you the basic assembly techniques required to install a roller door in the gable end of your Stratco Gable Homeshed. Please use this guide in conjunction with the main set of instructions supplied with your Stratco Gable Homeshed titled "Stratco Gable Homesheds, Framework".

**PLEASE NOTE: Roller doors must be installed before corner flashings and gable end sheets.**

### STEP 1 Homesheds under 5.4m wide

The front header beam must be fixed between the two front columns through the flange of the eaves bracket as shown in Figure 1. Clamp the header beam in position while fastening in place with two 12x20mm self drilling screws through each flange of the eaves brackets.

### STEP 2

Install the roller door as per the manufacturers specifications. The roller door brackets are fixed in place using the far side eaves bracket bolt and two 12x20mm screws provided as shown in figure 1. Series 2 Door Brackets will require an additional bolt.

Rivet the roller door flashing to the front of the header beam, level at the bottom faces. Set the short gable Superdek wall sheets into the roller door flashing and pan fix them to the raking angle and header beam with 10x16mm self drilling screws (refer Figure 2).

The barge capping and corner flashings can now be installed. Fix all flashings with rivets at 600mm centres.

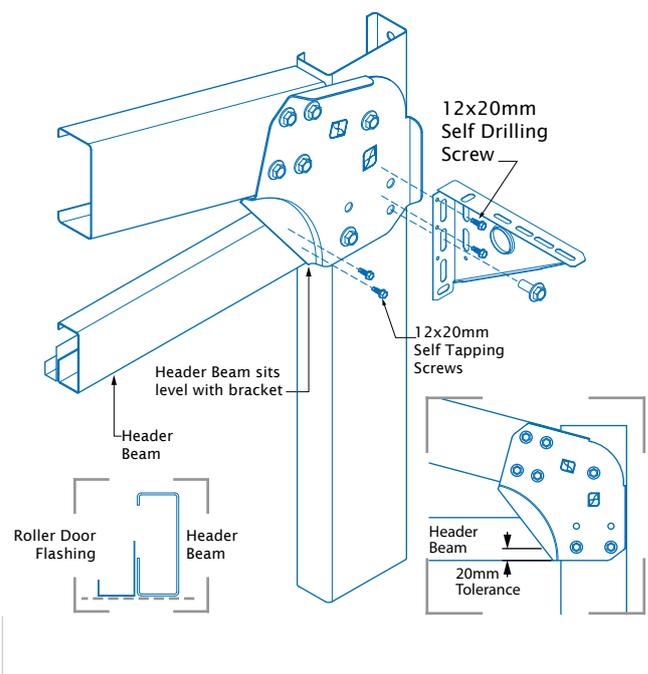


Figure 1

CONTACT

1300 165 165

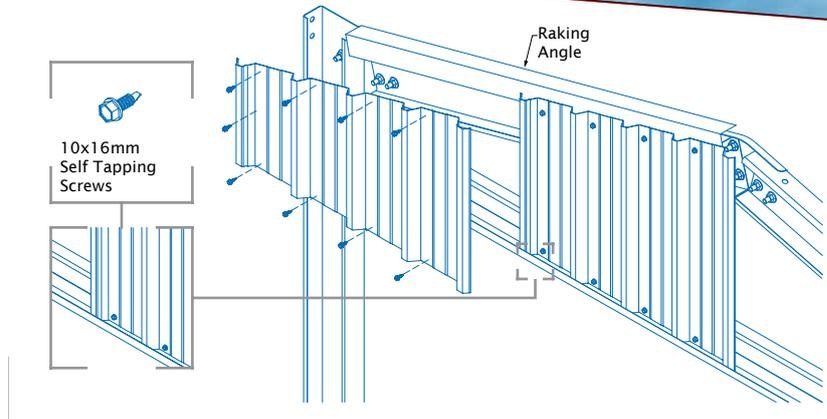


Figure 2

### STEP 3 Homesheds over 5.4m wide

Homesheds over 5.4m wide must be fitted with two additional front internal columns to support the single roller door.

Fix the internal columns at 745mm in from the outside edge of each corner column or at 592mm centres. The internal columns must be fixed to the rafter with two 100x100mm connection brackets positioned on either side of the column (refer Figure 3).

Attach the header beam to the internal columns with two header beam brackets and two 10x16mm screws through each flange, followed by the roller door flashing as per step 2.

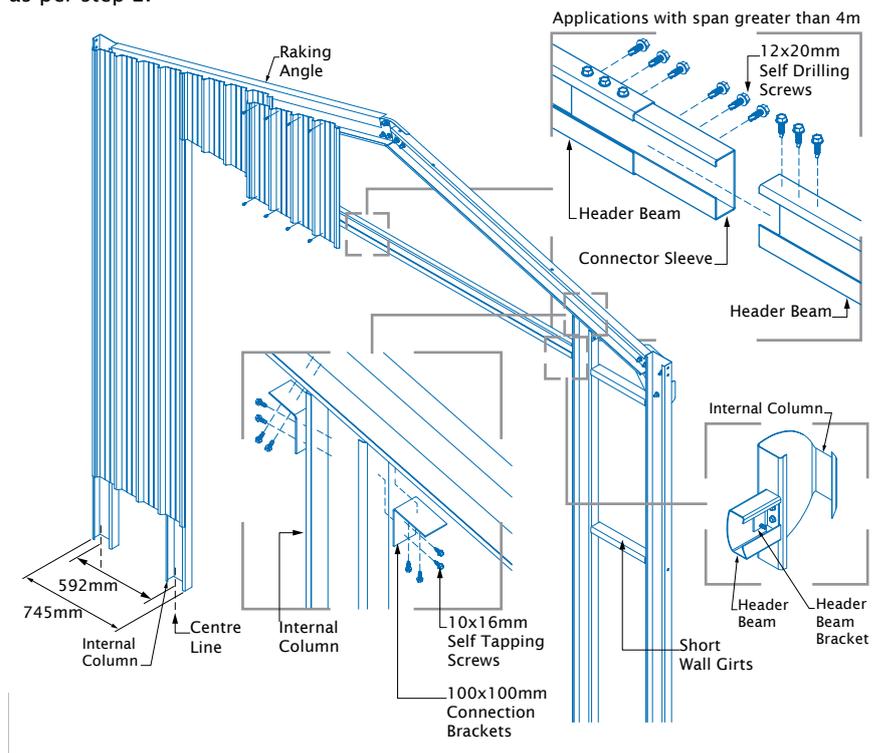


Figure 3

### STEP 4

Six short wall girts have been provided to span between the corner columns and internal columns. Fix 3 girts each side with girt brackets using 10x16mm self drilling screws and two screws through each flange.

Install the roller door as per the manufacturers specifications (refer step 2)

Pan fix the Superdek wall sheets to the open gable end with 10x16mm self drilling screws. Two full length wall sheets have been provided for either side of the roller door.

The barge capping and corner flashings can now be fixed to the gable end. Rivet all flashings at 600mm centres.

# INSTALLATION GUIDE

## 2 Roller Doors

In Gable End (Type 2)



### BEFORE YOU START

This Installation Guide is designed to give you the basic assembly techniques required to install 2 roller doors in the gable end of your Stratco Gable Homeshed. Please use this guide in conjunction with the main set of instructions supplied with your Stratco Gable Homeshed titled "Stratco Gable Homesheds, Framework".

**PLEASE NOTE:** Roller doors must be installed prior to installing gable end sheets, corner flashings and centre column flashing.

### STEP 1

Homesheds with two roller doors in the gable end must be fitted with a Centre Roller Door Column and associated C150 Column Reinforcement, in the centre of the gable end.

The Centre Roller Door Column will support each roller door.

Fix the Centre Roller Door Column to the ridge using two 100x100mm Apex Brackets. Screw each bracket to the Rafter with two 10x16mm self tapping screws.

Similarly, screw the Centre Roller Door Column to each bracket with two 10x16mm self tapping screws as illustrated in Figure 1.

For centre column reinforcement fixing details refer to Figure 2.

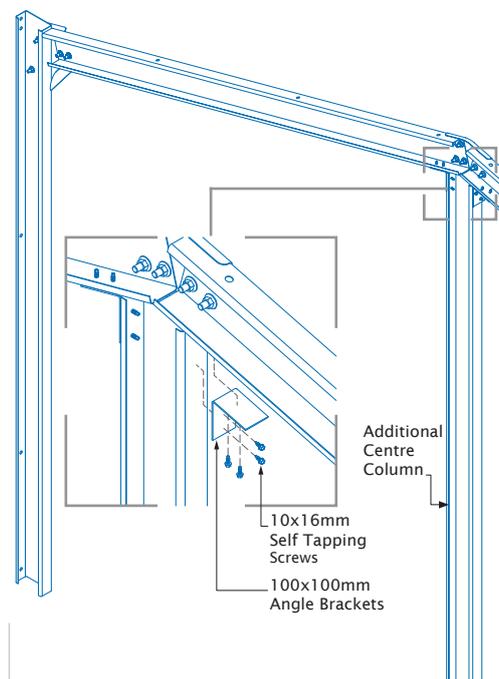


Figure 1

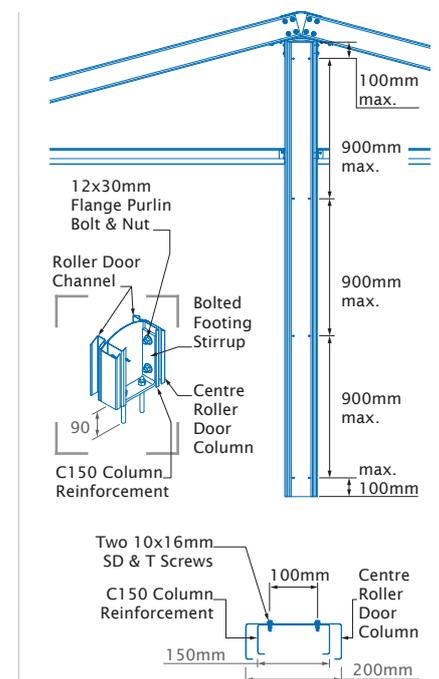


Figure 2

## STEP 2

Fix the front Header Beams between the corner and centre columns. The Header Beam is fixed through the flange of the Eaves Brackets at the corner columns using two 12x20mm self drilling screws through each flange as shown in Figure 3. The Header Beams are fastened to both sides of the Centre Roller Door Column using two Header Beam Brackets and two 10x16 self drilling screws through each flange as shown in Figure 4.

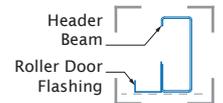
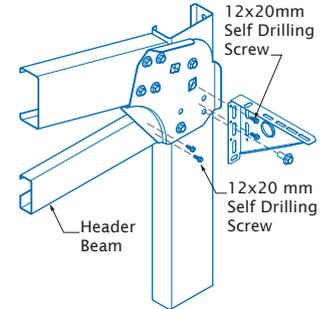
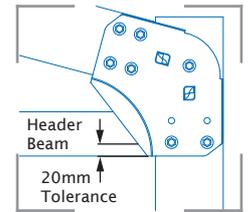


Figure 3

## STEP 3

Install the roller door as per the manufacturer's instructions. Remove the corner bolt from the Eaves Brackets to install the roller door brackets, re-insert the bolt and add two 12x20mm screws to each bracket as shown in Figure 3. Series 2 door brackets will require an additional bolt.

## STEP 4

Rivet the Roller Door Flashing to the Header Beam as illustrated in Figure 4.

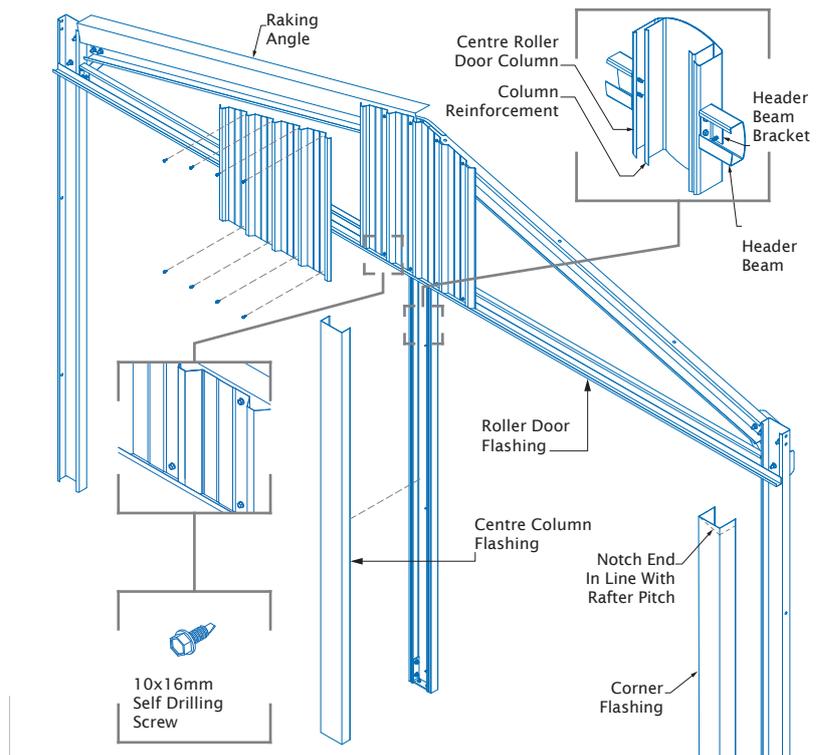


Figure 4

## STEP 5

Pan fix the Superdek wall sheets to the open gable end with 10x16mm self drilling screws.

## STEP 6

Fix the Centre Column Flashing to the middle c-section with rivets at 600mm centres.

## STEP 7

The Barge Capping and Corner Flashings can now be fixed to the gable end. Fix all flashings with rivets at 600mm centres.

# Single Roller Door

TYPE 9



## INSTALLATION GUIDE

Complete the steps below while building the wall panels on the ground in conjunction with Figures 4-8 of the Gable Homeshed Framework Installation Guide. Roller door column flashings can be installed when the completed wall frames are standing.

### Step One

Start by bolting both the left and right side roller door columns to the respective portal frame columns. Secure the header beam to each roller door column using two header beam brackets. Use two plain 10x16mm self tapping screws in each flange of the header beam brackets. The bottom face of the header beam should measure 300mm from the top of the top girt (refer to Figure 1) to allow a fixing point for the 300mm Superdek® header sheets (refer to Figure 3).

### Step Two

Position the roller door column flashings over the roller door columns, and in corner applications over the ends of the gable end sheets. Fasten the two roller door column flashings (corner or wall depending on application) to your roller door columns using coloured 10x16mm self tapping screws at 600mm centres. In applications where the roller door column wall flashings are used, the flashing will need to be notched as shown in Figure 2. Rivet the roller door header flashing into place on the header beam using 3.2mm rivets at 600mm centres so that both bottom faces are flush (Refer to Figure 2).

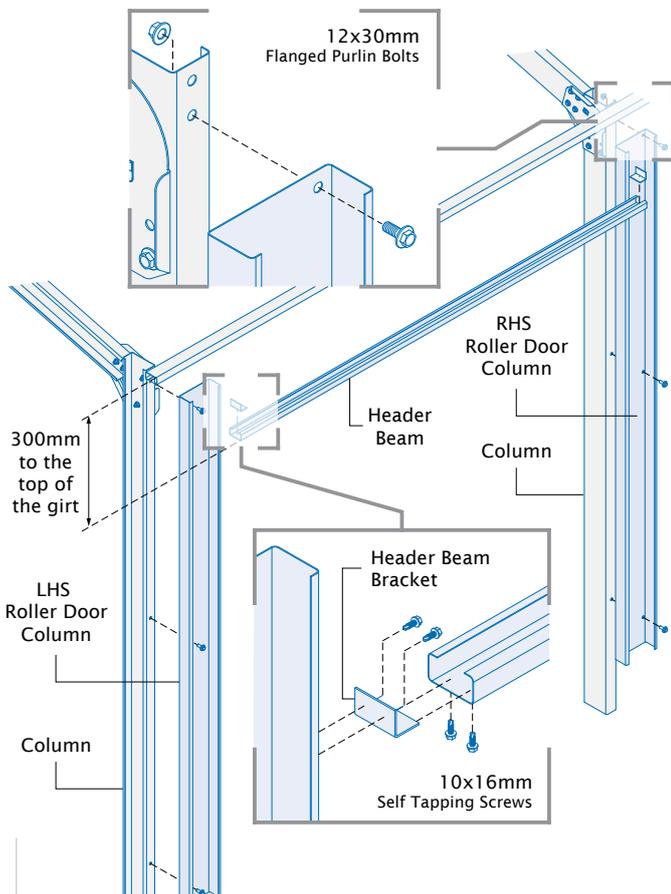


Figure 1

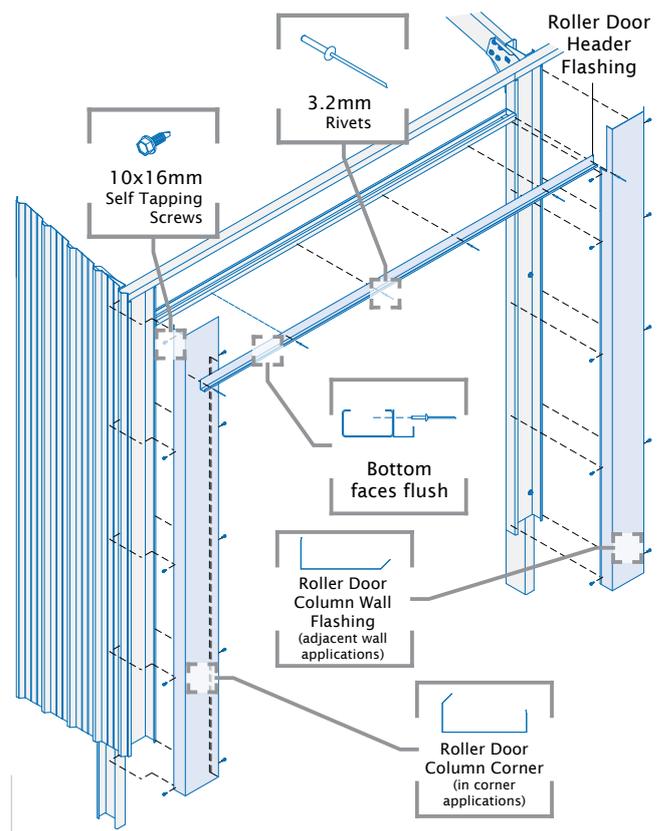


Figure 2

CONTACT

**1300 165 165**

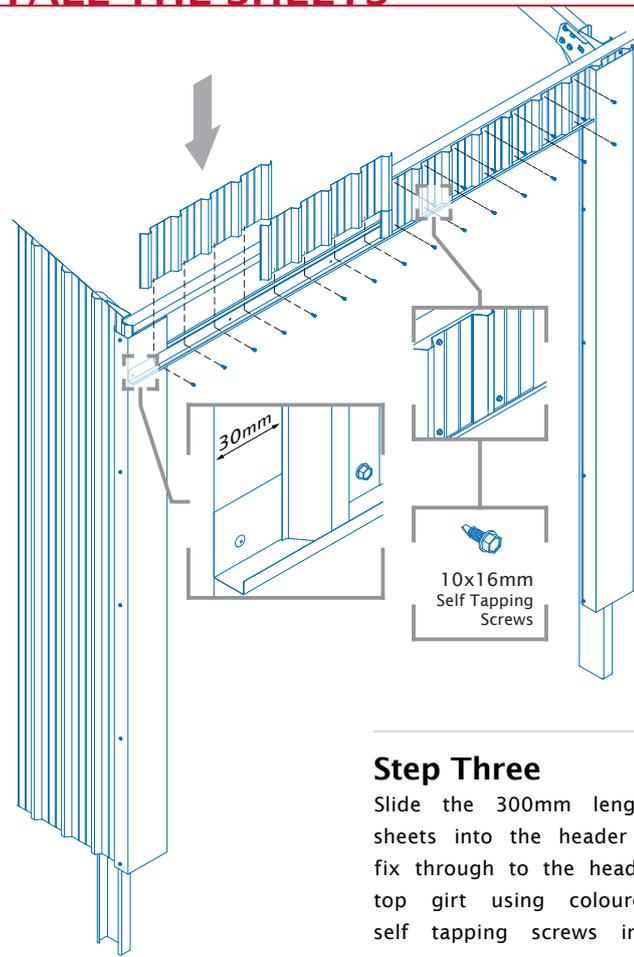
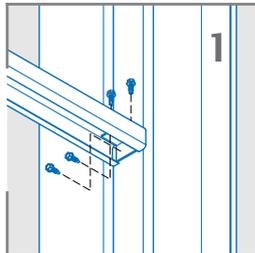


Figure 3

### Step Three

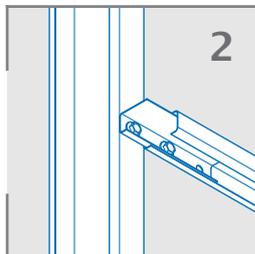
Slide the 300mm length Superdek® sheets into the header flashing and fix through to the header beam and top girt using coloured 10x16mm self tapping screws in every pan.

## FILLER GIRTS CONNECTIONS



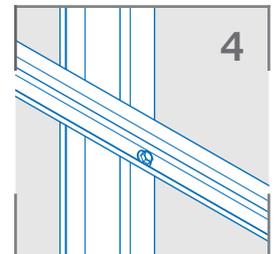
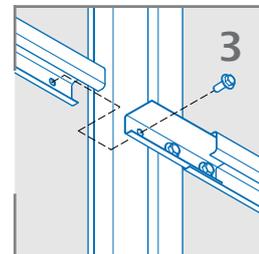
### 1. Roller Door Columns

Attach the filler girt to the side roller door column using a girt bracket and two plain 10x16mm self tapping screws in each flange.



### 2. End Portal Frame Column

Where the filler girt stops short of the end portal frame column, use a girt connector bracket and two 12x30mm flanged purlin bolts to secure the end.



### 3. Joining Three and Six Metre Filler Girts

Use a girt connector bracket to join filler girts at a portal frame column. Use a 12x30mm flanged purlin bolt in each hole of the bracket. This application occurs when roller doors are installed in the end bays of 12m long sheds. These connections should only occur at centre portal columns.

### 4. Where a Girt Crosses a Portal Frame Column

In applications where the girt crosses a portal frame column, use a 12x30mm flanged purlin bolt to secure it.



## Multiple Roller Doors

TYPES 10, 11 AND 12



### INSTALLATION GUIDE

Complete the steps below while building the wall panels on the ground in conjunction with Figures 4-8 of the Gable Homeshed Framework Installation Guide. Roller door column flashings can be installed when the completed wall frames are standing.

#### Step One

Start by bolting the left, right and intermediate side roller door columns to the respective portal frame columns. Secure the header beams to the roller door columns using two header beam brackets per header beam. Use two plain 10x16mm self tapping screws in each flange of the header beam brackets. The bottom face of the header beams should measure 300mm from the top of the top girt (refer Figure 1 on page two) to allow a fixing point for the 300mm Superdek® header sheets.

#### Step Two

Position the roller door column flashings over the roller door columns and in corner applications over the ends of the gable end sheets. Fasten the roller door column flashings (corner, intermediate or wall depending on application) to your roller door columns using coloured 10x16mm self tapping screws at 600mm centres. Flashings that interfere with header beams will require notching as shown in Figure 1. Rivet the roller door header flashing into place on your header beam using 3.2mm rivets at 600mm centres so that both bottom faces are flush (refer to Figure 1 on page two). Slide the 300mm length Superdek® sheets into the header flashing and fix through to the header beam and top girt using coloured 10x16mm self tapping screws in every pan (Figure 1).



# INSTALLATION

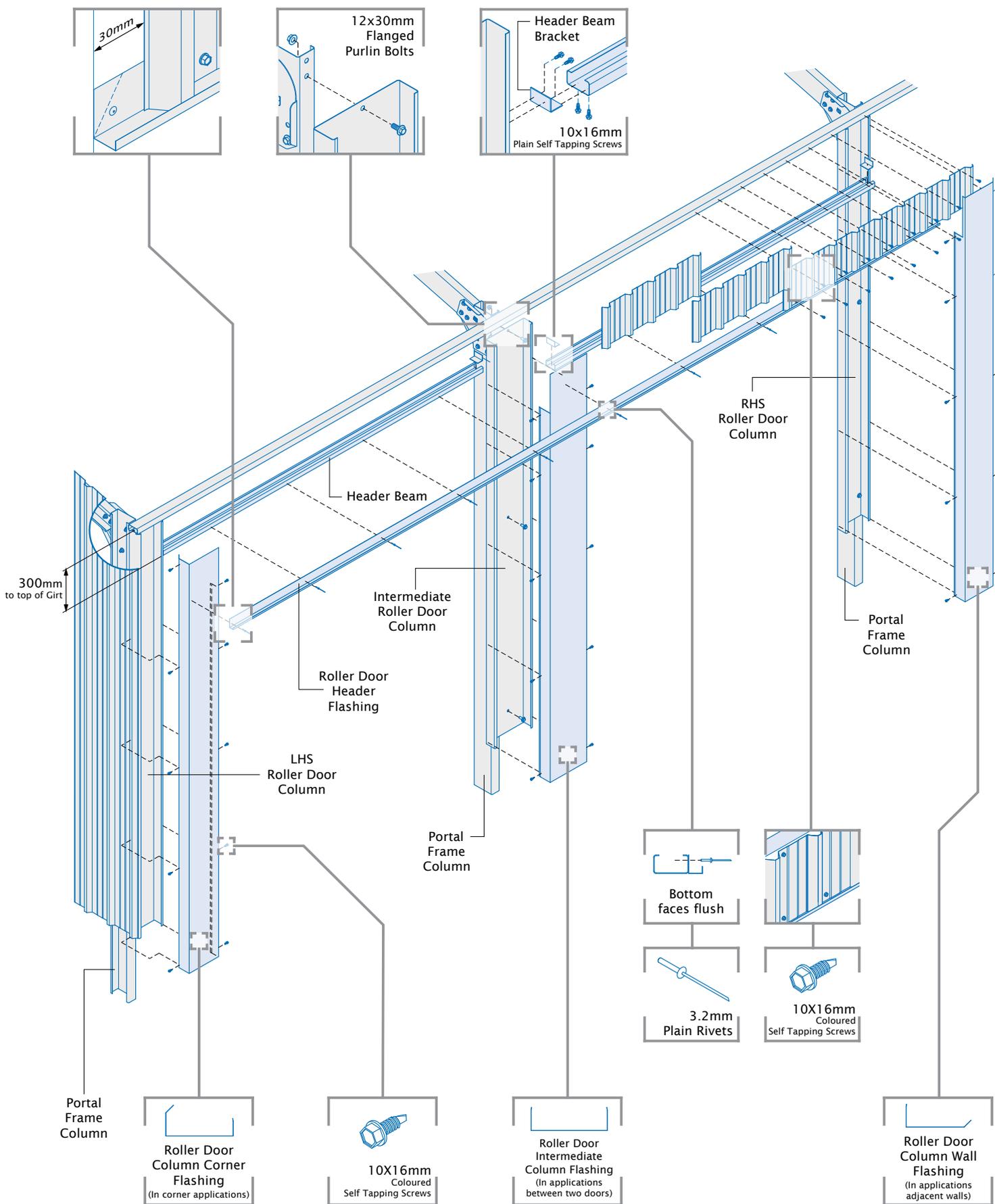
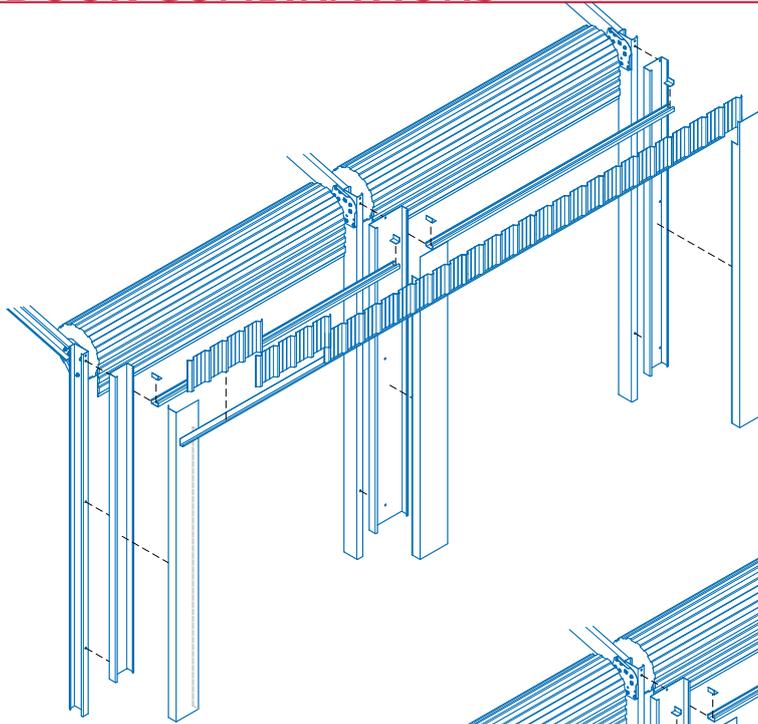


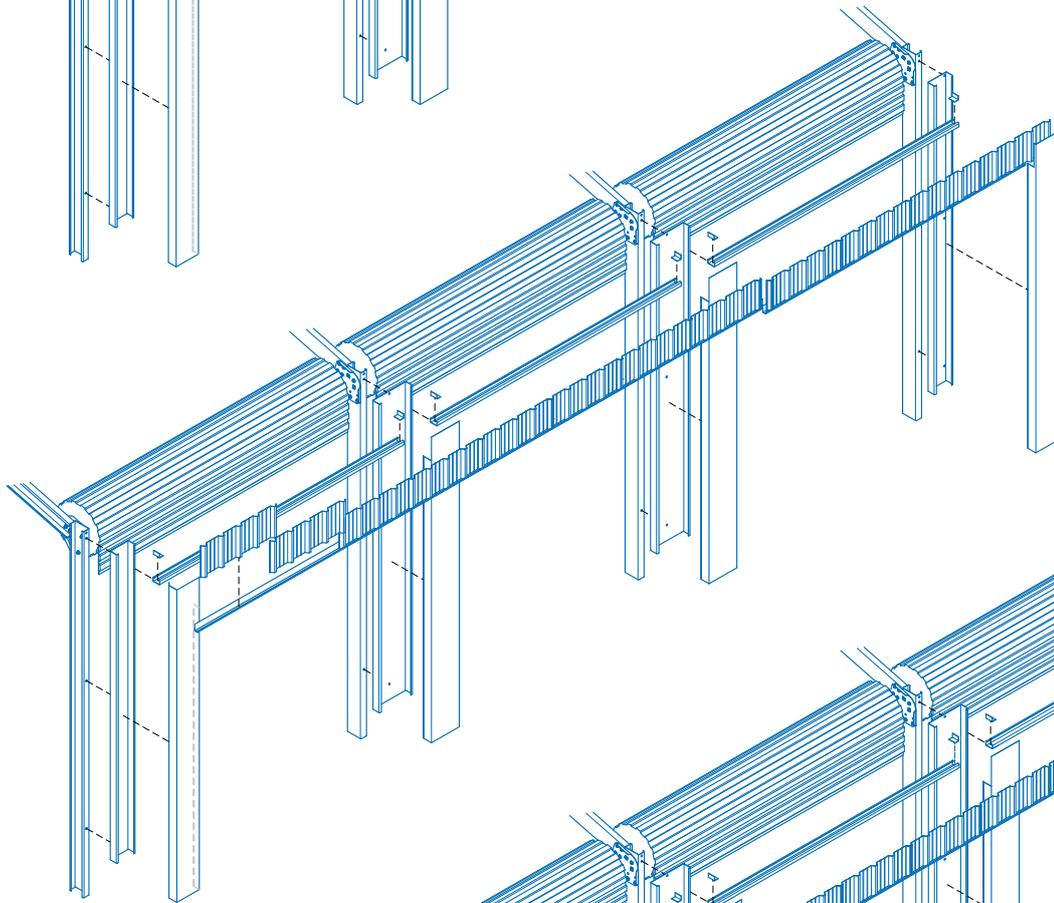
Figure 1

# DOOR COMBINATIONS



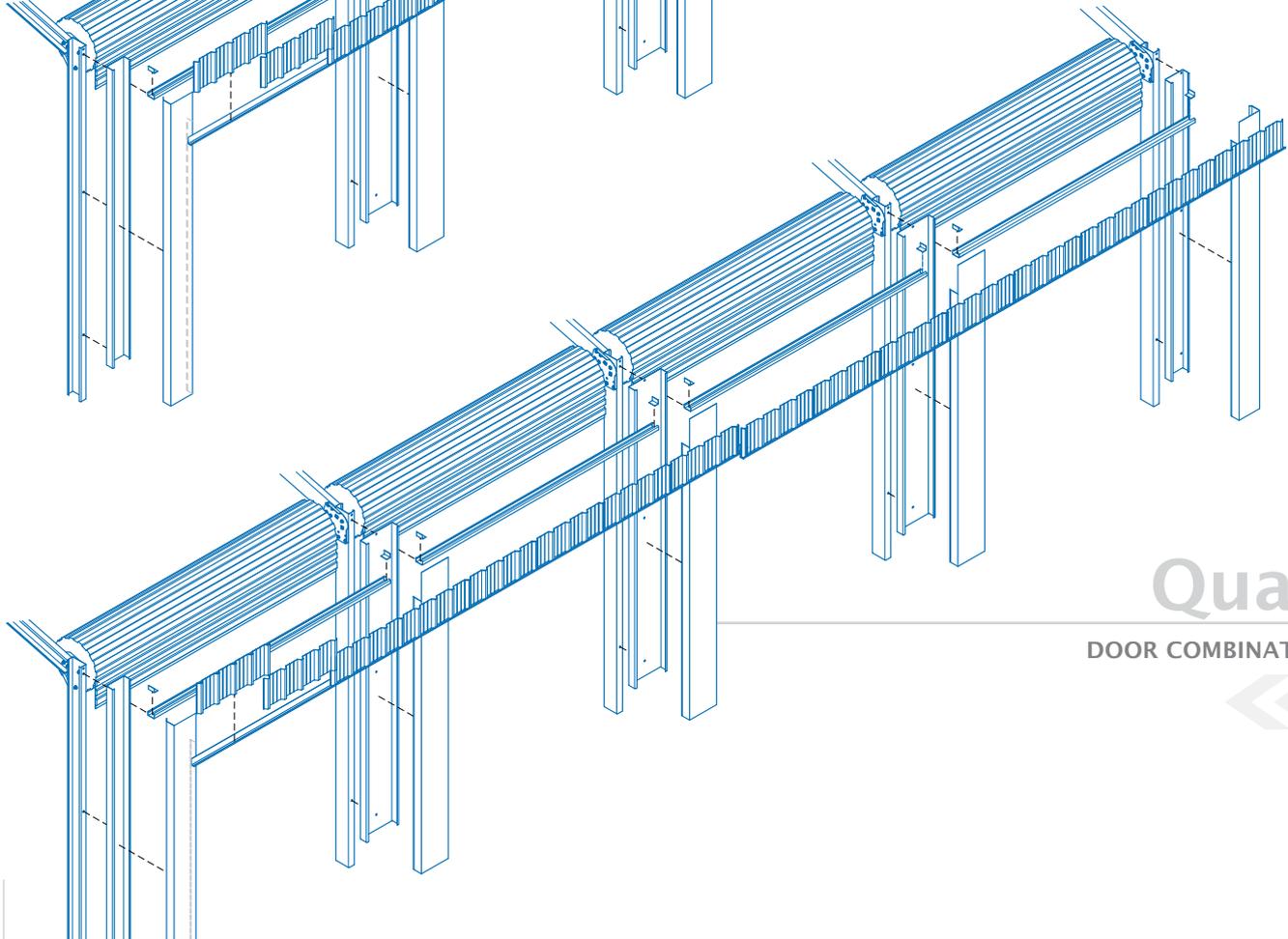
## Double

DOOR COMBINATION



## Triple

DOOR COMBINATION



## Quad

DOOR COMBINATION



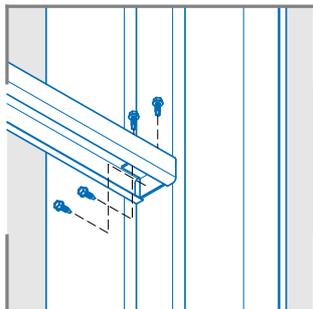
Figure 2



## FILLER GIRT CONNECTIONS

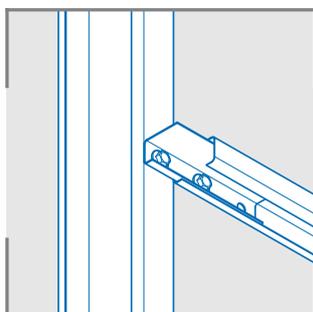
CONTACT

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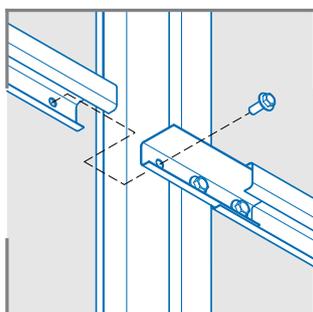
### 1 Roller Door Columns

Attach the filler girt to the side roller door column using a girt bracket and two plain 10x16mm self tapping screws in each flange.



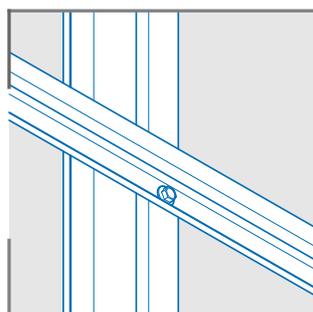
### 2 End Portal Frame Column

In applications where the filler girt stops short of the end portal frame column, use a girt connector bracket and two 12x30mm flanged purlin bolts.



### 3 Joining Three and Six Metre Filler Girts

Use a girt connector bracket to join filler girts at a portal frame column. Use a 12x30mm flanged purlin bolt in each hole of the bracket. This application occurs when roller doors are installed in the end bays of 12m long sheds. These connections should only occur at centre portal columns.



### 4 Where Girt Crosses Portal Frame Column

In applications where the Girt crosses a portal frame column, use a 12x30mm flanged purlin bolt to secure it.