

Assembly Instructions

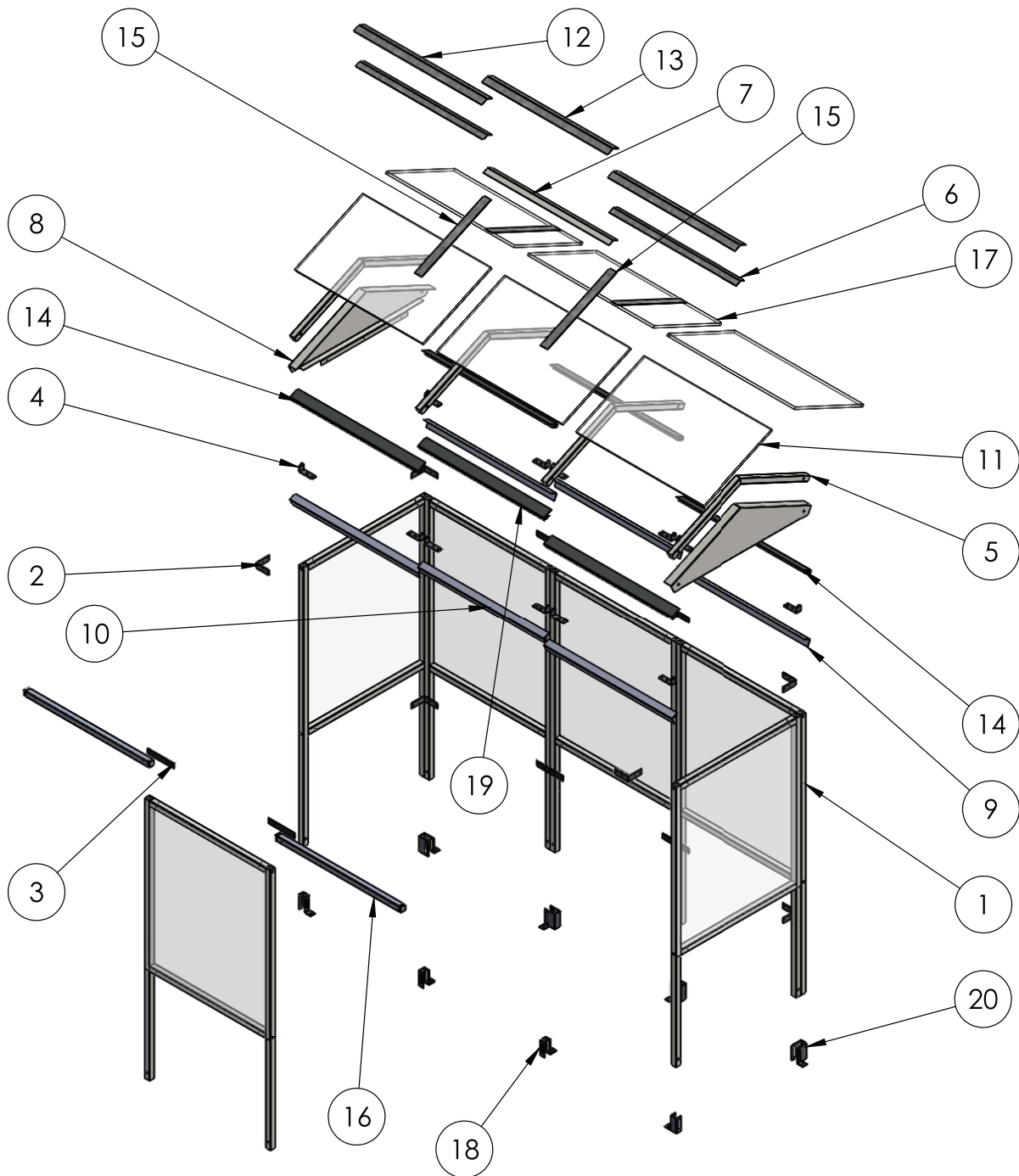
Half and Full Frame Apex 4-Sided Shelter – Clear Roof



Health & Safety Information







2 people
required
for assembly










Tools Required				
	Drill / Screwdriver		Hacksaw	 17mm Spanner
	Mallet		Hand Clamps	

Parts List

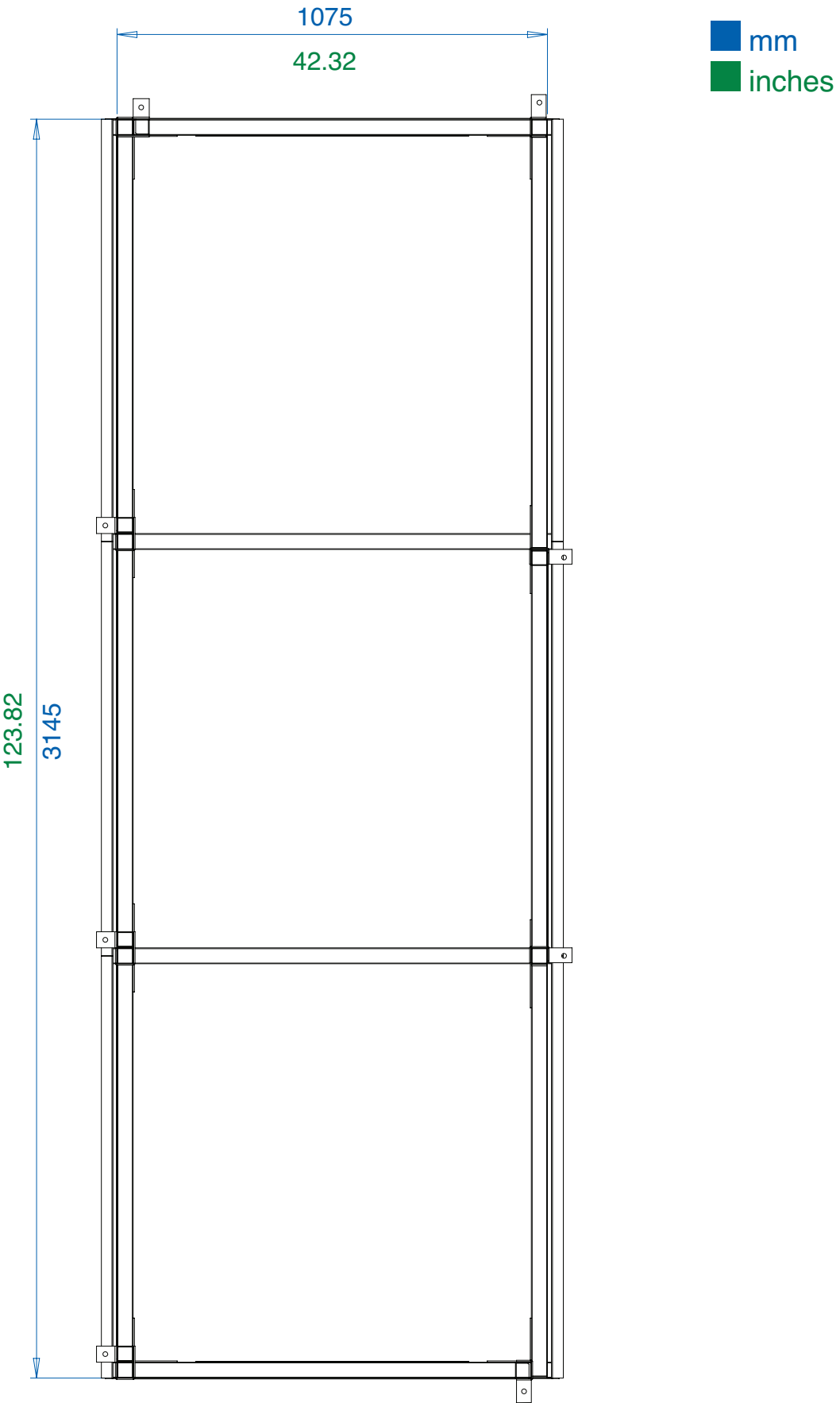
Item No	Part No	Description	Dimensions (mm)	Dimensions (inches)	Image	Qty
		Instructions				1
1	S1/S1C	Frame/Poly/ Black Screws	2000 x 1035	78.7 x 40.7		6
2	CB1	Corner Bracket	110 x 110 x 40	4.3 x 4.3 x 1.6		6
3	JF1	Straight Bracket	221 x 40	8.7 x 1.6		6
4	DR	Rafter Bracket	110 x 40 x 52	4.3 x 1.6 x 2		12
5	AR1R	Pitch Rafter	1142 x 40 x 40	44.9 x 1.6 x 1.6		4
6	AR1CLTO	Roof Centre Lower Trim Outer	1052	41.4		2
7	AR1CLTI	Roof Centre Lower Trim Inner	1035	40.7		1
8	AR1I	Pitch Infill Panel	1150	45.2		2
9	ARATO	Pitch Roof Trim Outer	1055	41.5		4
10	ARATI	Pitch Roof Trim Inner	1035	40.7		2
11	AR1PO	Roof Panel Outer	1055 x 620	41.5 x 24.4		4
12	AR1CUTO	Roof Centre Upper Trim Outer	1055	41.5		2
13	AR1CUTI	Roof Centre Upper Trim Inner	1035	40.7		1
14	ARJO	J-Section Outer	1055	41.5		4
15	AR1TS	Pitch Roof Trim Strip	630 x 60	24.8 x 2.3		4
16	ST1	Roof Tie	1025	40.4		2
17	AR1PI	Roof Panel Inner	1035 x 620	40.7 x 24.4		2
18	FT1	Foot Bracket	109 x 100 x 40	4.3 x 3.9 x 1.6		4
19	ARJI	J-Section Inner	1035	40.7		2
20	FT3	Foot Bracket	109 x 100 x 80	4.3 x 3.9 x 3.1		4
21	EC40	Plastic End Cap	41 x 41	1.6 x 1.6		4

Fittings - Pack A

22	MB1	M10 x 60 Bolt	10 x 60	0.4 x 2.4		30
23	N1	M10 Nut				30
24	W1	M10 Washer				60
25	T25	Tek Screw	25	1		72
26	T38	Tek Screw	38	1.5		30
27	BC	Black Caps				60
28	BTANC M12100	M10/12 x 100mm Concrete Bolt	10/12 x 100	0.4/0.5 x 3.9		8

Ground Anchor & Overall Size

Suggested size for concrete base: 200mm / 7.87in oversized (on all four sides)



Stage 1

Attaching the Polycarbonate Panels

You will need

Item No	Part No	Description	Qty
1	S1/S1C	Frame/Poly/Black Screws	6

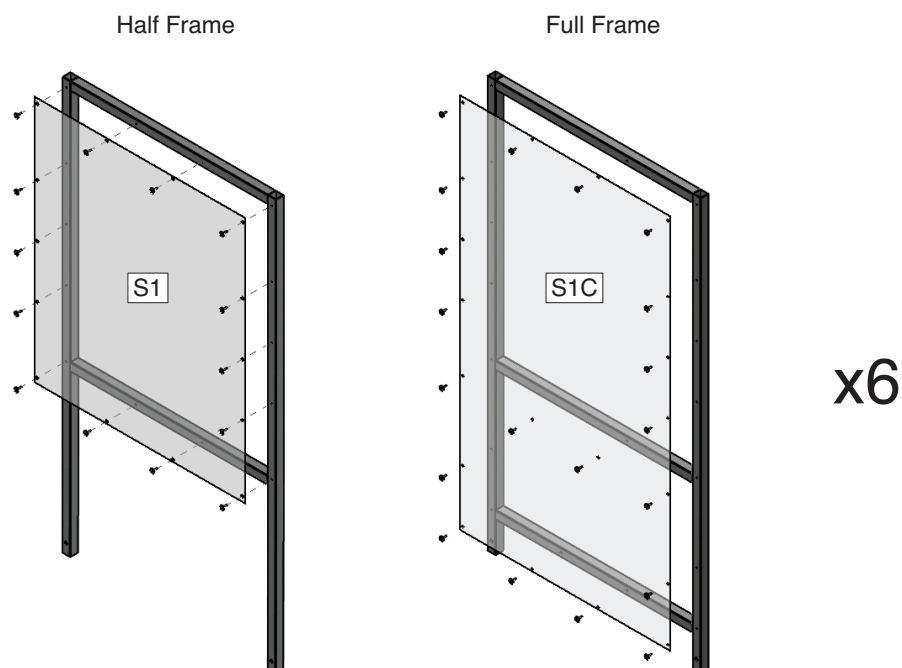
	Drill / Screwdriver
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 Remove protective covering from panels before assembly

 Align all holes and loosely fit the screws before fully tightening

 Use one bag of polycarbonate fixings per frame

DO NOT OVER TIGHTEN SCREWS
Lightly compress rubber on washers



Stage 2

Assemble Back Frames

You will need

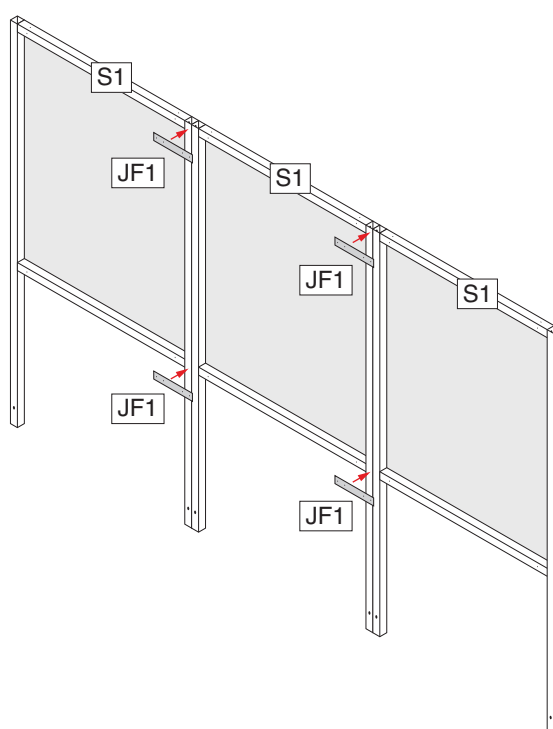
Item No	Part No	Description	Qty
1	S1	Frame	3
3	JF1	Straight Bracket	4
25	T25	Tek Screw	16

	Drill / Screwdriver
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 Use T25 25mm Tek Screws only

IMPORTANT
Assemble frames with polycarbonate panels **outside**

PLEASE NOTE
Assembly applies for **S1C** Full Frame variation throughout instructions.

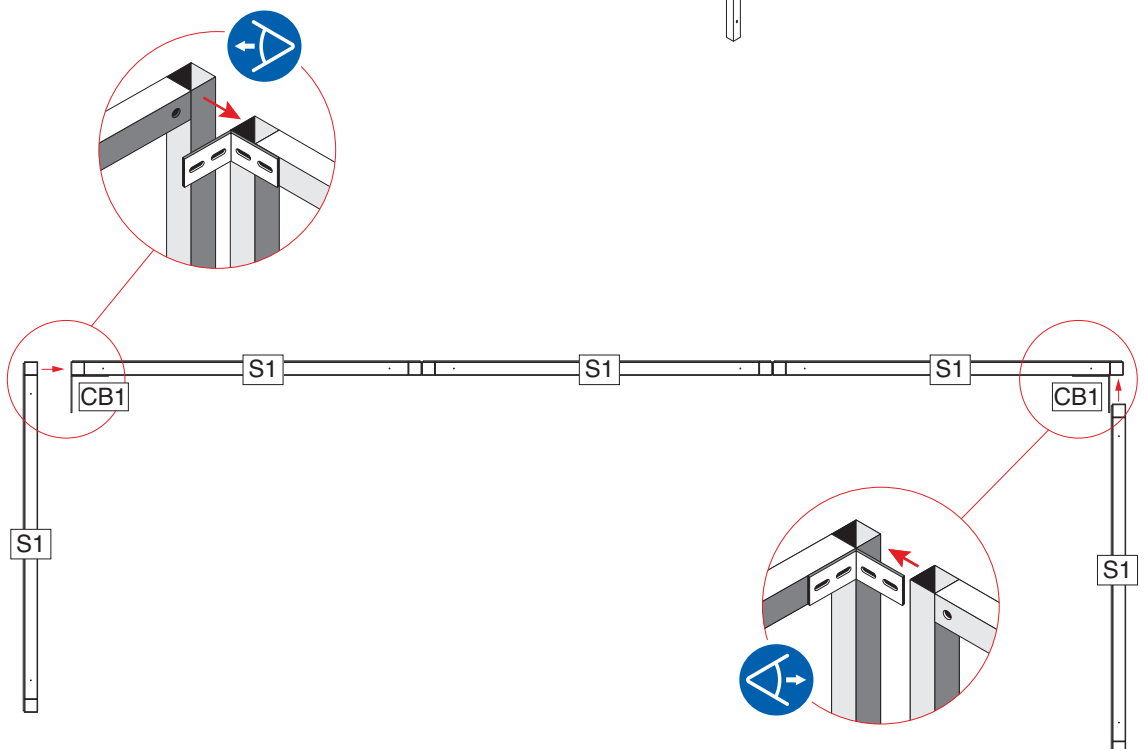
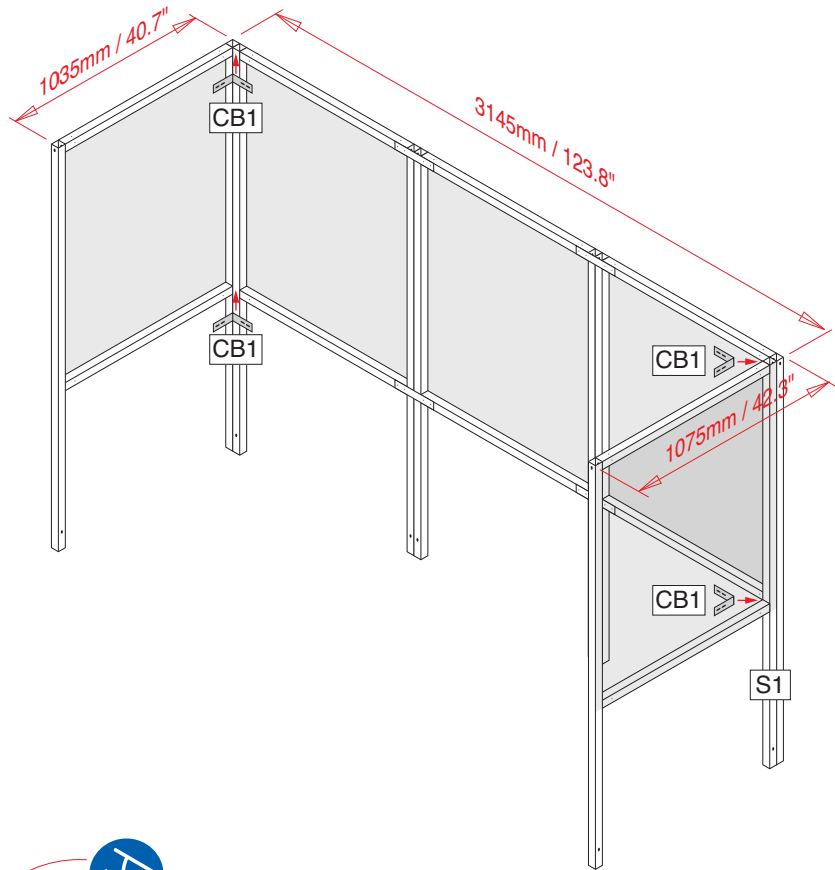
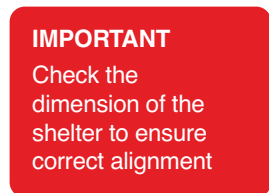


Stage 3

Assemble Side Frames

You will need

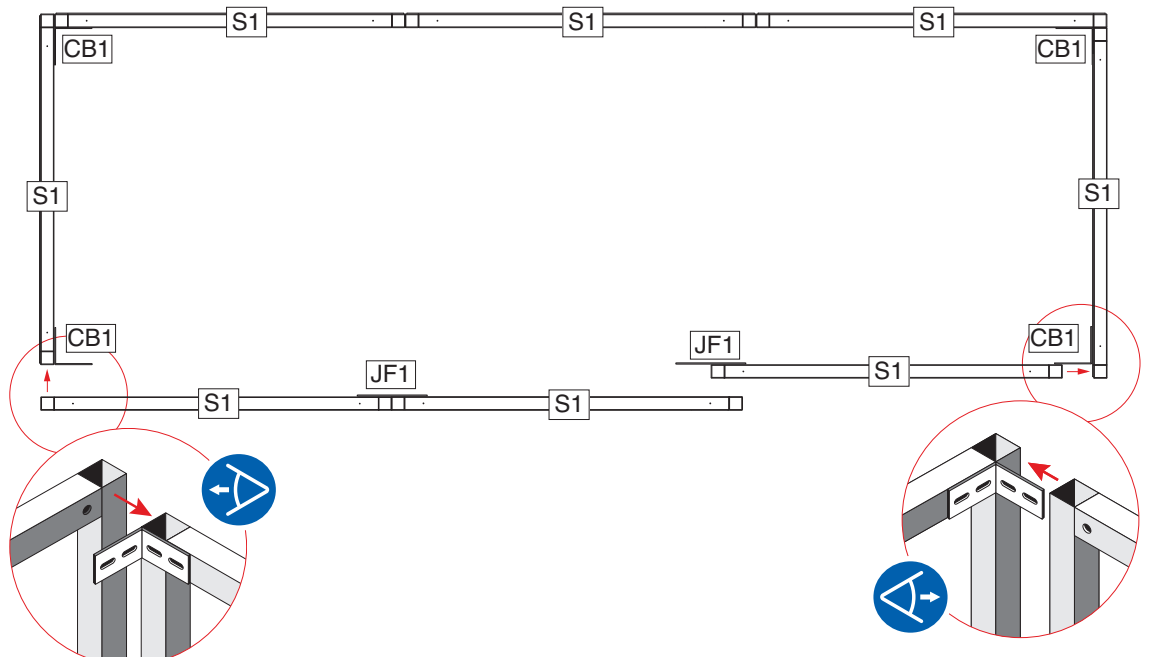
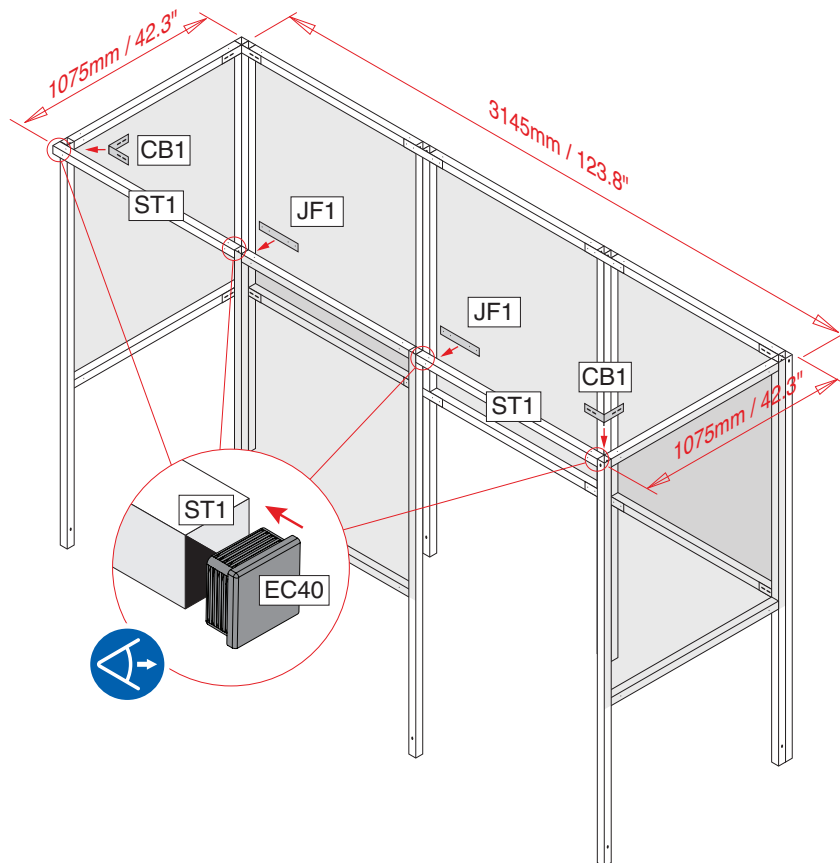
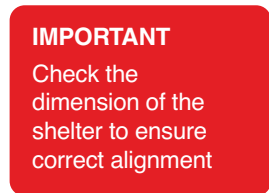
Item No	Part No	Description	Qty
1	S1	Frame	2
2	CB1	Corner Bracket	4
25	T25	Tek Screw	16



Stage 4 Assemble Front Frames

You will need

Item No	Part No	Description	Qty
1	S1	Frame	1
2	CB1	Corner Bracket	2
3	JF1	Straight Bracket	2
16	ST1	Roof Tie	2
21	EC40	Plastic End Cap	4
25	T25	Tek Screw	16

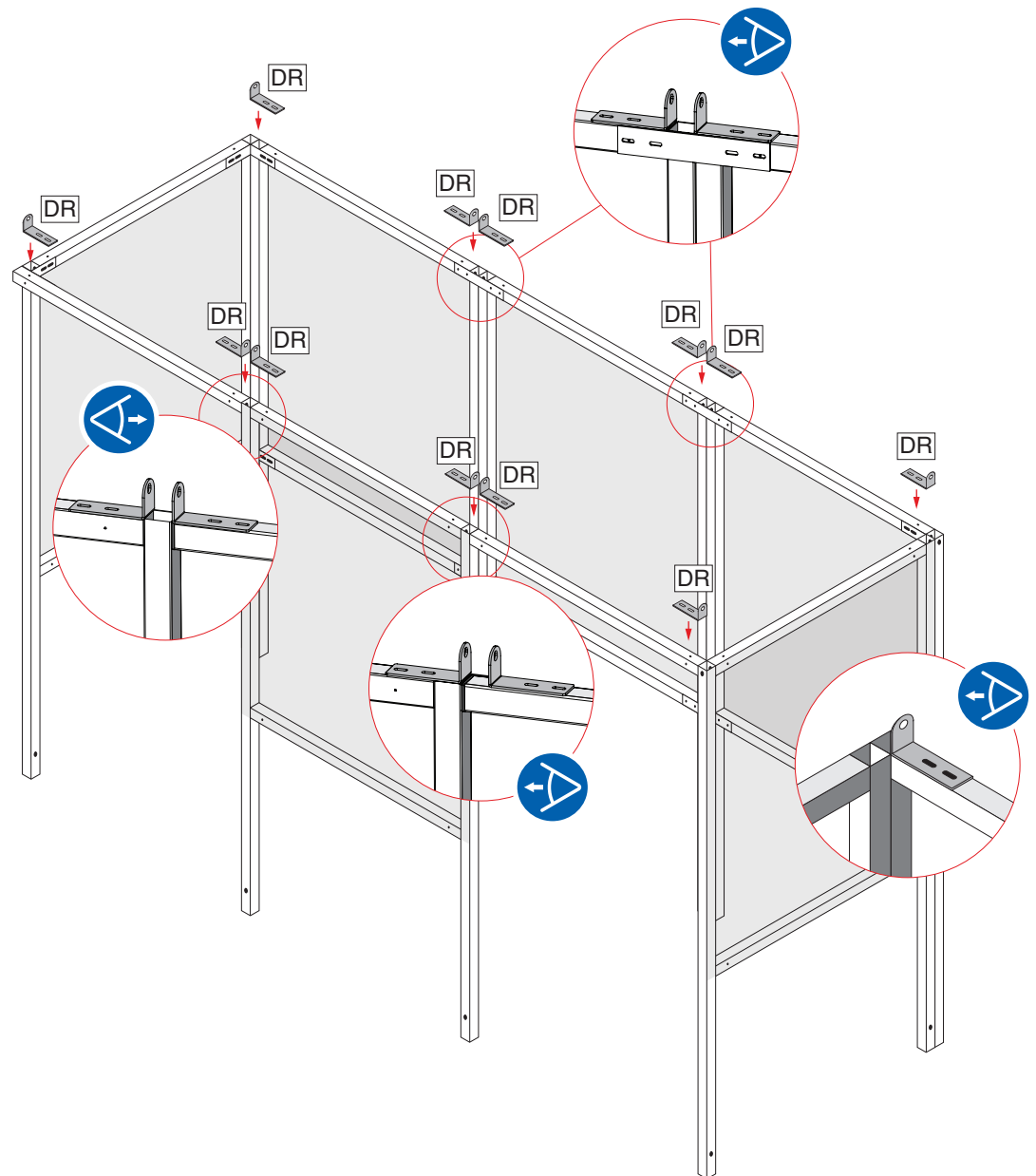
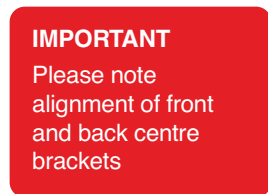


Stage 5

Affix Rafter Brackets

You will need

Item No	Part No	Description	Qty
4	DR	Rafter Bracket	12
25	T25	Tek Screw	24



Stage 6 Assemble Rafters and Infill Panels

You will need

Item No	Part No	Description	Qty
5	AR1R	Rafter	4
8	AR1I	Pitch Infill Panel	2
22	MB1	M10 x 60 Bolt	8
23	N1	M10 Nut	8
24	W1	M10 Washer	8



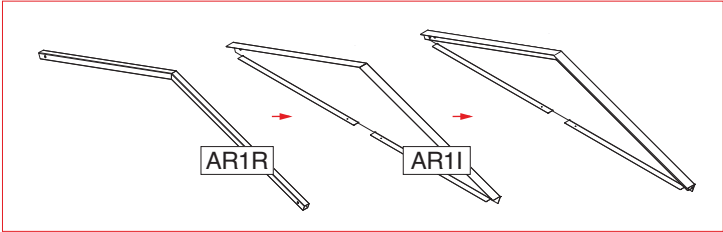
Drill / Screwdriver



17mm Spanner

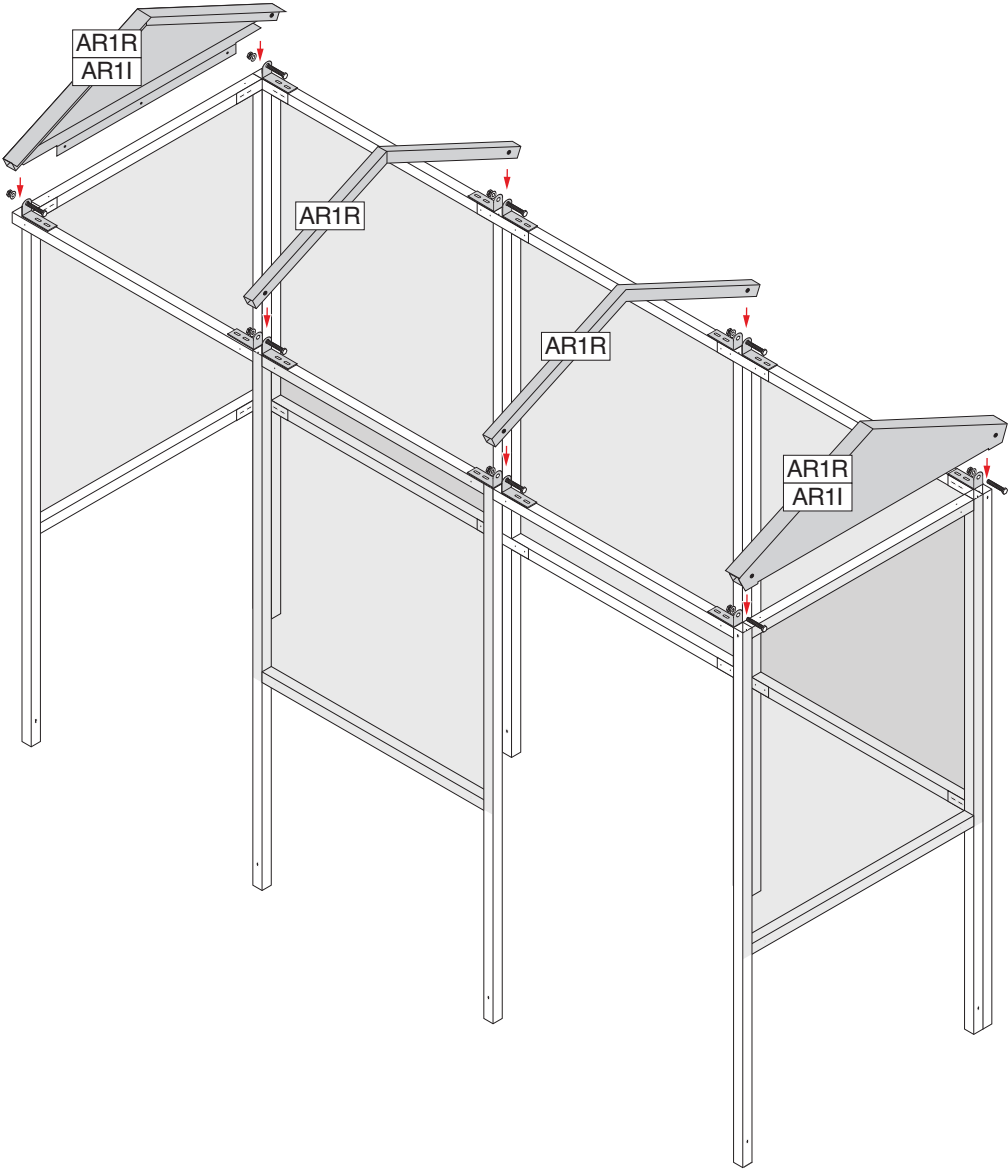
IMPORTANT

Assemble the end panels x2 **before** attaching to the DR Rafter Brackets





Align all holes and loosely fit the bolts before fully tightening



Stage 7

Affix Lower Roof Trims

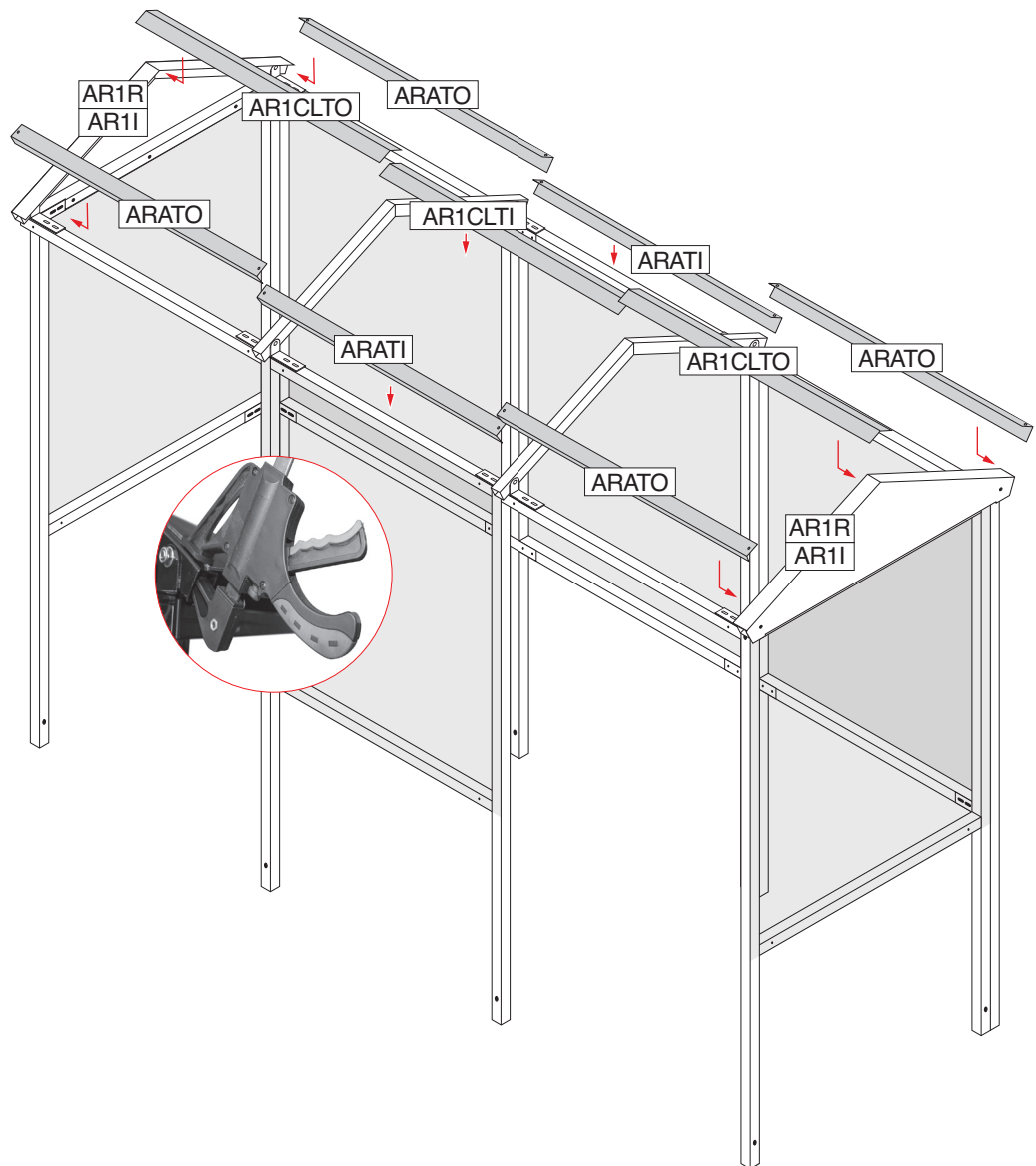
You will need

Item No	Part No	Description	Qty
6	AR1CLTO	Roof Centre Lower Trim Outer	2
7	AR1CLTI	Roof Centre Lower Trim Inner	1
9	ARATO	Pitch Roof Trim Outer	4
10	ARATI	Pitch Roof Trim Inner	2

	Drill / Screwdriver
	Clamps

Slide **AR1CLTO** Roof Centre Lower Trims and **ARATO** Roof Trims UNDER **AR1I** Infill Panels



Hold **ARATO/ARATI** Roof Trims in place using clamps




Stage 8 Affix Roof Panels and Trim

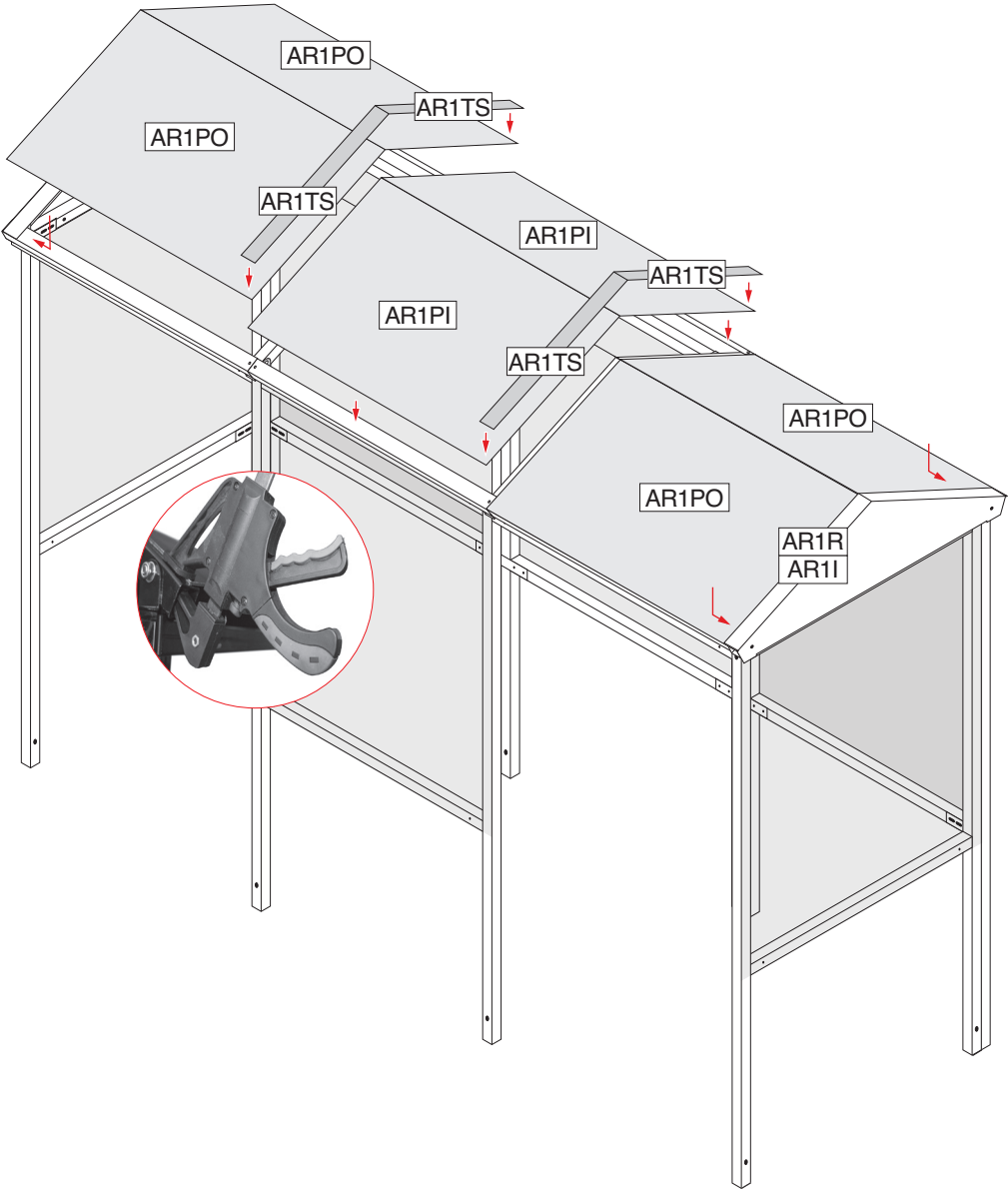
You will need

Item No	Part No	Description	Qty
11	AR1PO	Roof Panel Outer	4
17	AR1PI	Roof Panel Inner	2
15	AR1TS	Pitch Roof Trim Strips	4

	Drill / Screwdriver
	Clamps

Edge of **AR1PO** Roof Panels need to align with edge of main frame and fit **UNDER** the **AR1I** End Fill Panels.

 Position and hold **AR1PO/AR1PI** Roof Panels and **AR1TS** Roof Trims in place using clamps



Stage 9

Affix Upper Roof Trims

You will need

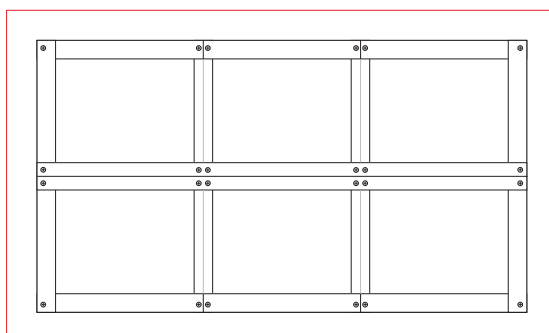
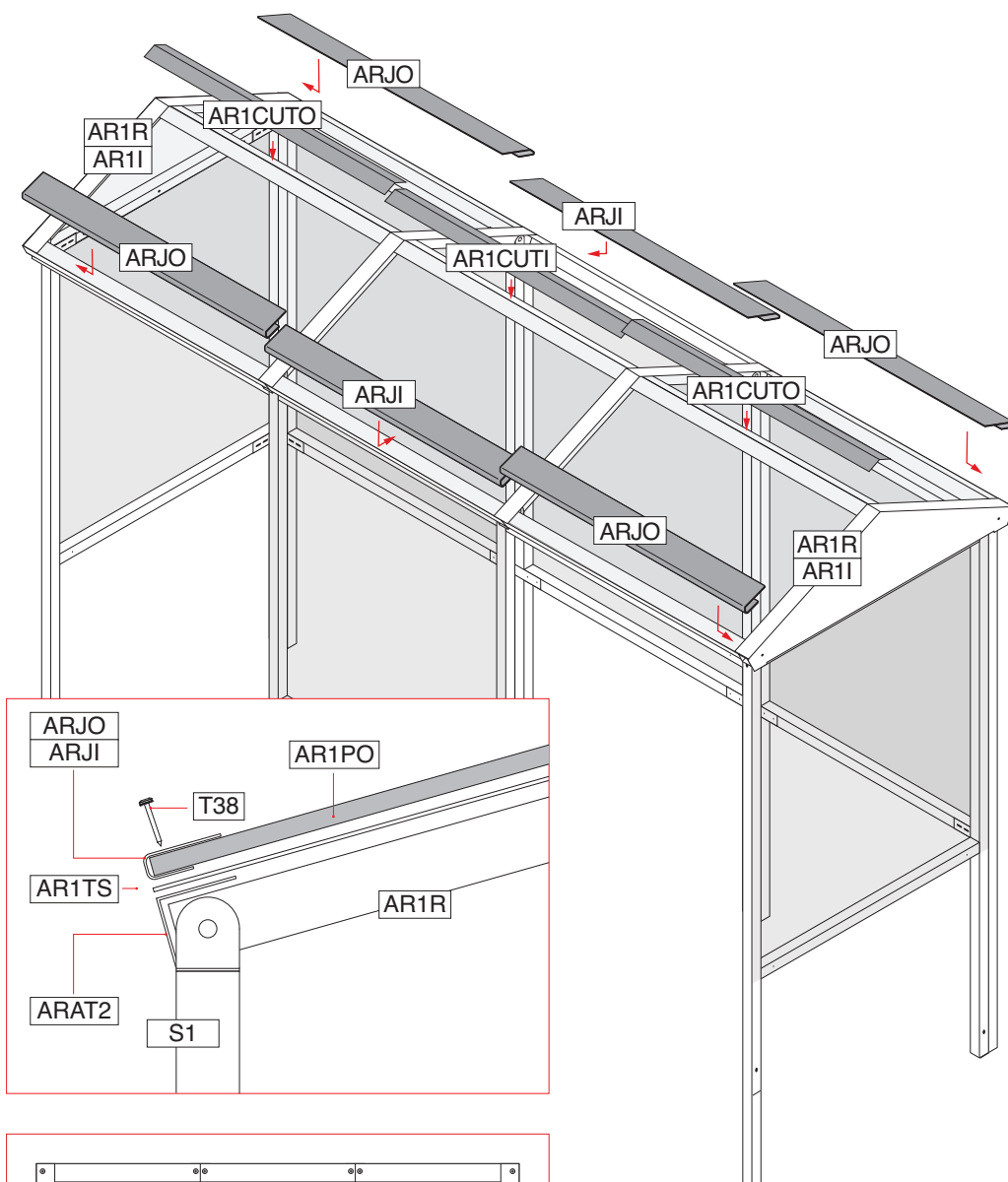
Item No	Part No	Description	Qty
12	AR1CUTO	Roof Centre Upper Trim Outer	2
13	AR1CUTI	Roof Centre Upper Trim Inner	1
14	ARJO	J-Section Outer	4
19	ARJI	J-Section Inner	2
26	T38	Tek Screw	24

	Drill / Screwdriver
	17mm Spanner

Secure **AR1CUTO/AR1CUTI** Roof Centre Upper Trims in place with **T38** Tek Screws into rafters.

Push **ARJO** J-Section over lower edge of **AR1PO** Roof Panels and **UNDER AR1I** Infill Panel. Secure in place with **T38** Tek Screws into rafters.


Plan view showing **T38** Tek Screws distribution




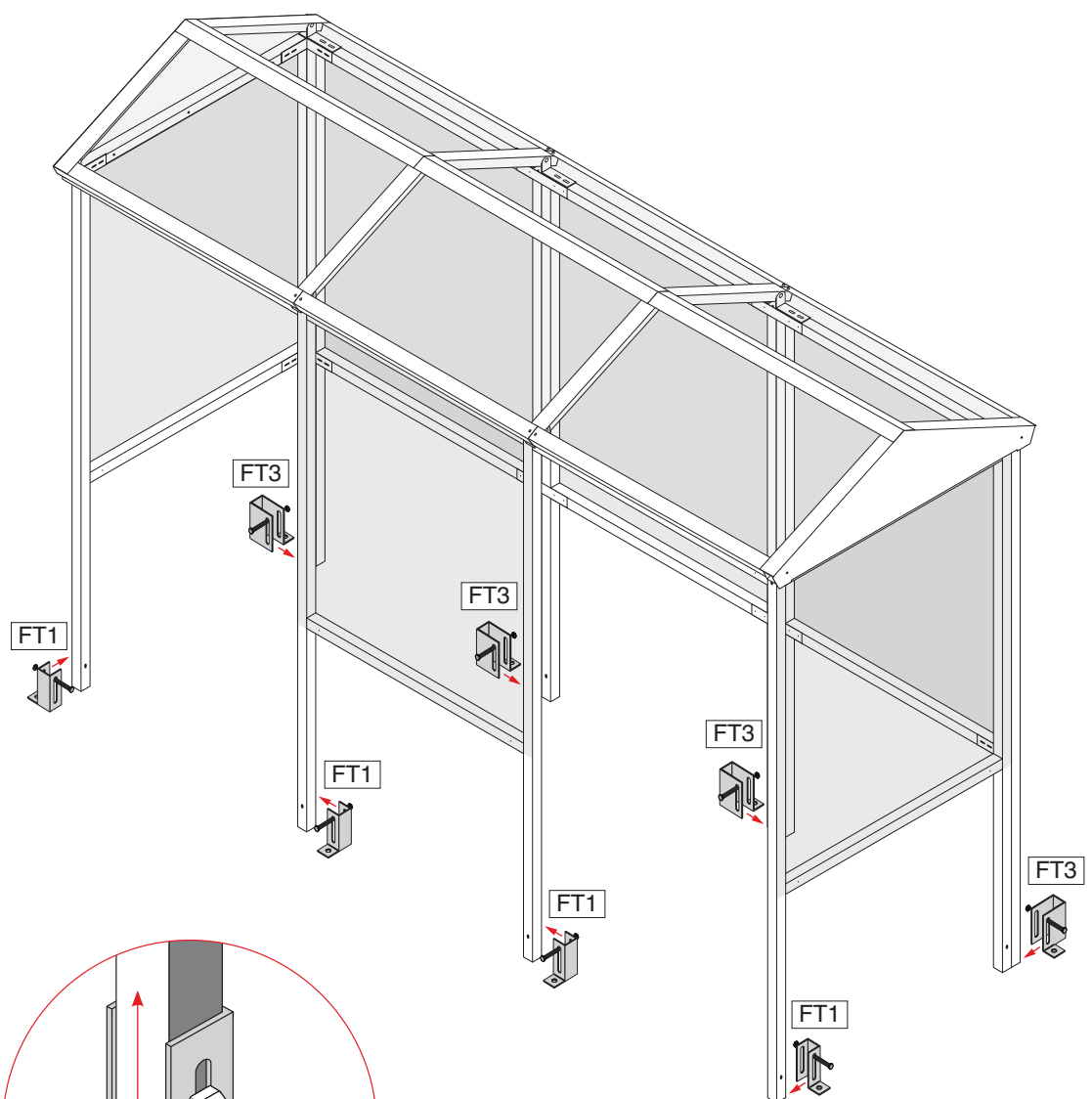
Stage 10 Assemble feet brackets to frame

You will need


Item No	Part No	Description	Qty
18	FT1	Foot Bracket	4
20	FT3	Foot Bracket	4
22	MB1	M10 x 60 Bolt	8
23	N1	M10 Nut	8
24	W1	M10 Washer	8
27	BC	Black Caps	85
28	BTANCM12100	Concrete Bolt	8

	Drill / Screwdriver
	17mm Spanner

 Affix **FT1/FT3** Foot Brackets to frame before securing to concrete base using supplied **BTANCM12100** Concrete Bolts



 For levelling, loosen the **MB1** bolts, then tighten accordingly

 Finally, fit **BC** Black Caps on all exposed nuts and bolts

Notes

Thank you for purchasing this product

Maintenance

**To ensure your products give you
many years of use we recommend that you:**

- **Clean panels regularly with soapy water**
- **Ensure all fittings are tight (for example after a big storm)**
- **Touch up any exposed metal should it get scratched**