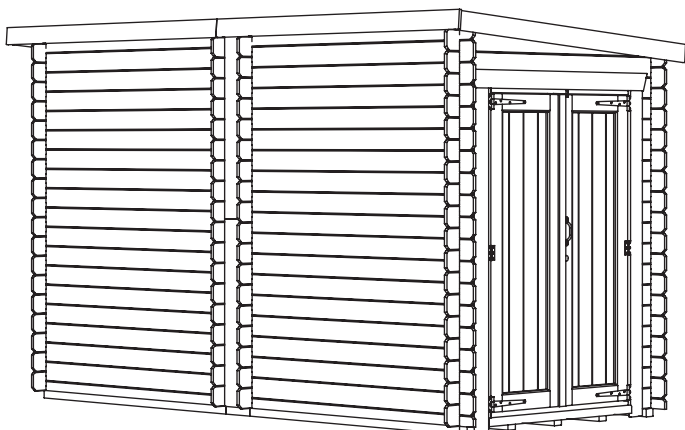
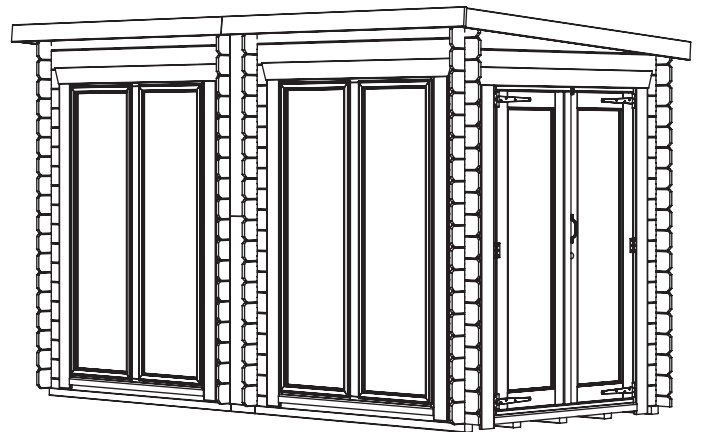
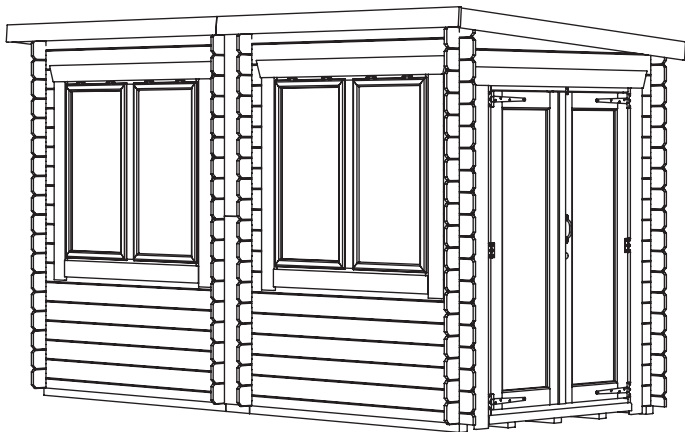


TIGERFLEX® PENT LOG CABIN

GENERAL ASSEMBLY INSTRUCTIONS



tiger®

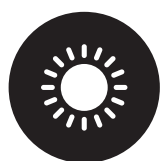
BEFORE YOU GET STARTED

PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied).
- Ensure there is plenty of space and a clean dry area for assembly.

TIMBER

As with all natural materials, timber can be affected during various weather conditions. For the duration of heavy or extended periods of rain, swelling of the wood logs may occur. Warping of the wood may also occur during excessive dry spells due to an interior moisture loss. Unfortunately, these processes cannot be avoided but can be mitigated. It is suggested that the outdoor building is sprayed with water during extended periods of warm sunshine and sheltered as much as possible during rain or snow.



SUMMER
CONTRACTION



WINTER
EXPANSION



WOOD WARPING
MAY OCCUR

Please do not paint or treat your cabin timbers before assembly as they must stay dry for a snug tongue and groove fit. To validate your guarantee and ensure longevity of the product, it is **ESSENTIAL** that your building is treated with an appropriate high-quality oil or solvent based preservative **AFTER** assembly, both internally and externally, then annually thereafter.

BUILDING A BASE

Care must be taken to ensure the product is placed on a suitable base. When thinking about where the building and base is going to be constructed, ensure that there will be access to all sides for maintenance work and annual treatment.

Ensure the base is firm and level and is built on firm ground, to prevent distortion.

The constructed base must be at least the size of tanalised floor bearers as referenced in supplied construct diagram. It is also recommended that the floor be at least 25mm above the surrounding ground level to avoid flooding.

TYPES OF BASE

- Durable plastic grid*.
- Concrete 75mm laid on top of 75mm hard-core.
- Slabs laid on 50mm of sharp sand.
- Timber base - Self constructed/Buy pre-made.



PLASTIC BASE



CONCRETE BASE



SLAB BASE



TIMBER BASE



BROKEN SLABS



BARE SOIL



LOOSE GRAVEL

**We recommend a Fastfit EcoBase for your building. It is durable, lightweight, flexible, and easy to put in place. Please see tigersheds.com for details.*

CAUTION:

All buildings should be erected by two competent adults.



CAUTION:

It is advisable to wear safety gloves during building installation.



Whilst all products manufactured are made to the highest standards of safety, we cannot accept responsibility for your safety whilst erecting or using this product.



The mark of
responsible forestry
FSC® C125286



MADE IN THE UK SINCE 1913.

We have been making our high quality, great value garden buildings here in Britain for decades.



SCAN CODE!

TO VIEW GENERAL ASSEMBLY GUIDE
FOR TIGERFLEX® PRNT ROOF CABIN

GO WITH THE PRO!:

We understand how busy life can be. Our Pro-Installation service can take the stress and strain out of assembling your quality Tiger building for you. We recommend using professional and dedicated installers to erect your building. With their knowledge and experience, they will ensure that your cabin is put properly in place ready for you to enjoy your space for years to come.

If you have not booked our Pro-Installation service and would like to arrange an installation, please contact our friendly customer support team on **0113 205 4189** (Mon – Fri 9am-5pm) or email **sales@tigersheds.com**.

- The pro-install team will contact you to arrange a suitable time and date for the fitting.
- Sit back, relax and let our professional home installation service do all the hard work for you!
- Please view our Pro Installation page on our website for full terms and conditions.

BEFORE YOU GET STARTED

TOOLS REQUIRED

We recommend using the following tools (not supplied):



HAMMER



RUBBER Mallet



DRILL



LADDER



TAPE MEASURE



SHARP KNIFE



SPIRIT LEVEL



SCREWDRIVER +



WOOD SAW

FIXING KIT CONTENTS:

C13

Clout Nails (13mm Galvanised - QTY 80)

S35

Screws (35mm - QTY 192)

N30

Nails (30mm Galvanised - QTY 140)

S40

Screws (40mm - QTY 24)

N40

Nails (40mm Galvanised - QTY 20)

S80

Screws (80mm - QTY 18)

S25

Black Screws (25mm - QTY 16)

ASSEMBLY

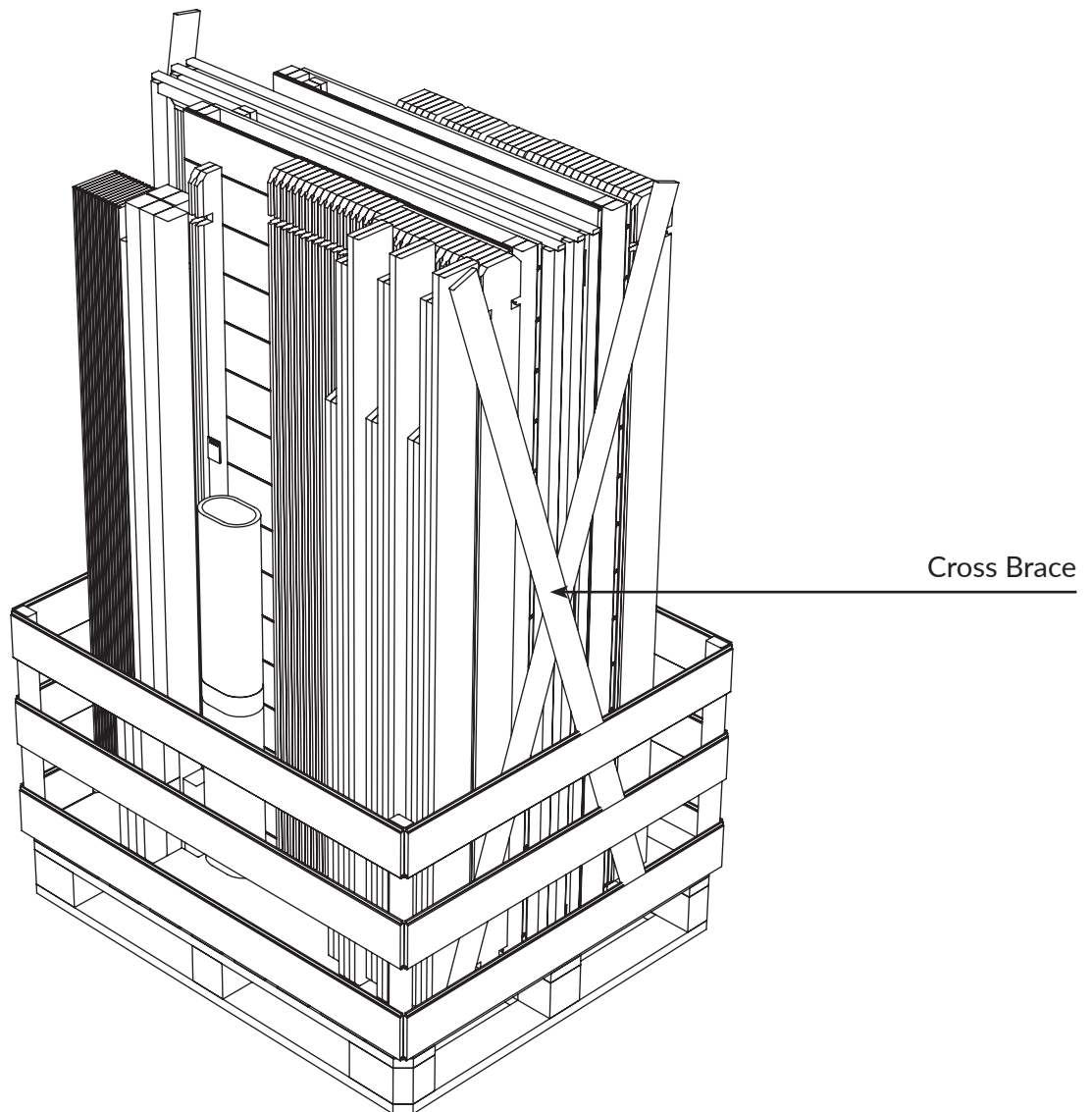
- Assembly is straightforward if you follow these step-by-step instructions.
- We recommend getting everything aligned properly before screwing together and that screw holes should be pre-drilled to avoid splitting the timber. (Do not come pre-drilled).

IMPORTANT

- Before assembly, please make sure you have a suitable base ready to erect your building on.
- Your base **MUST** be firm and level to ensure that the building is assembled properly and is square.
- Please carefully remove the untreated timber supports that make up the boxed pallet and unpack the components in your delivery.
- **DO NOT** start your build until you have checked that all the parts of your building are present and in a suitable condition.
- If you are organising a third party to install your building, it is best practice not to schedule this immediately on receipt of your order, to give you time to check your delivery.

BUILDING PACK CONTENTS:

For full details of what should be included please see the Module Pack List that is supplied with the delivery. They are also available on request in pdf form from our helpful Customer Support team – please call **0113 205 4189** for Customer Support or use the Items Delivered Query form at **[tigersheds.com/contact](https://www.tigersheds.com/contact)**.



Unpacking supplied cabin.

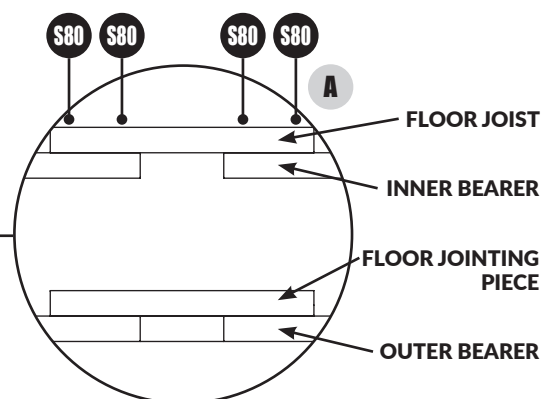
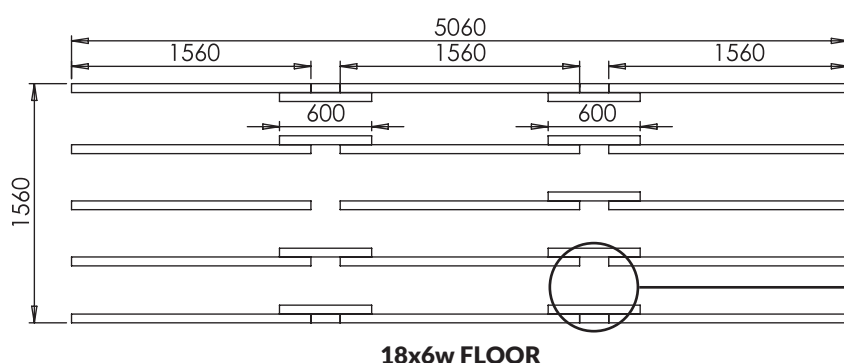
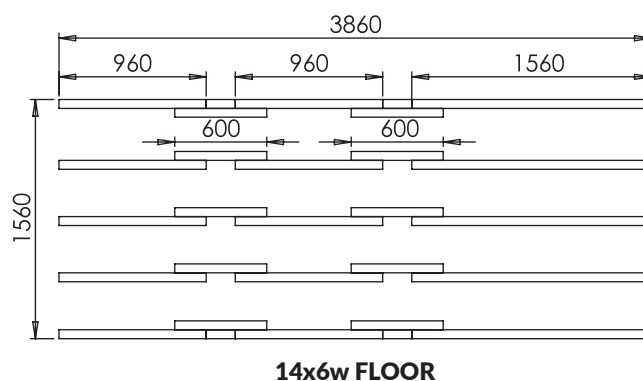
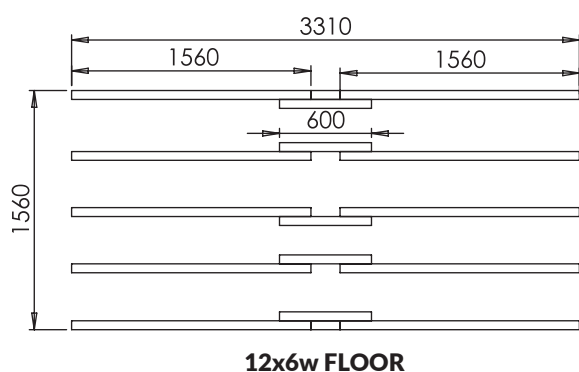
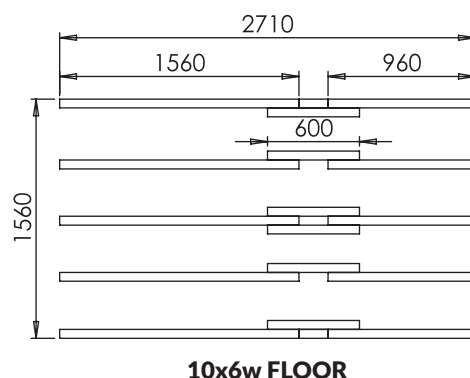
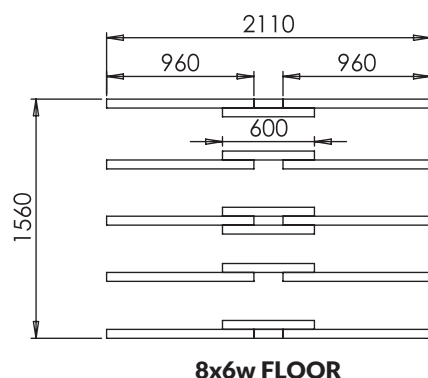
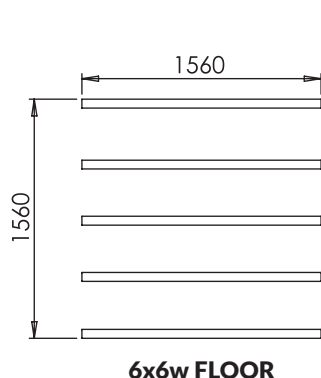
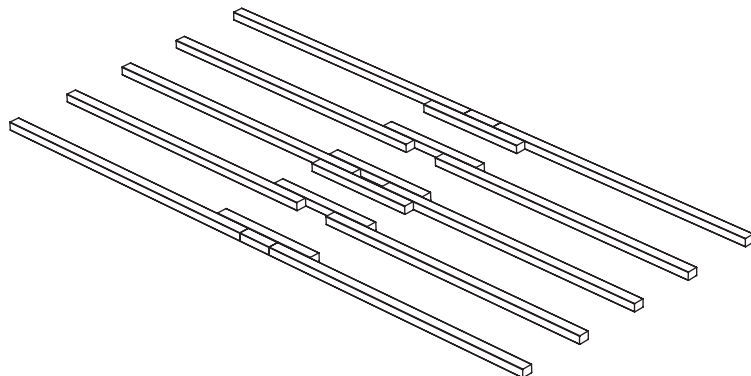
- From the outside working in, cut banding holding all components together and remove the Module Packs.
NOTE: PARTS MAY HAVE BECOME LOOSE OR MOVED DURING TRANSPORTATION.
- Large items like doors and windows are screwed into cross brace. Remove screws as you come to corresponding Module Pack to reduce the risk of falling components.
- All Module Packs are individually banded together. For ease, remove from vertical position on pallet and cut Module Pack banding when on a dry, horizontal surface.

TIGERFLEX® PENT LOG CABIN GENERAL INSTRUCTIONS

Step 1:

FLOOR BEARER ASSEMBLY:

- Position floor bearers as shown.
- Assemble inner tanalised floor bearers & floor joists using 4x S80. **(Detail A)**
- Use floor jointing piece as a guide for spacing between inner tanalised floor bearers.
- Assemble outer tanalised floor bearer & floor jointing piece using 4x S80. **(Detail A)**

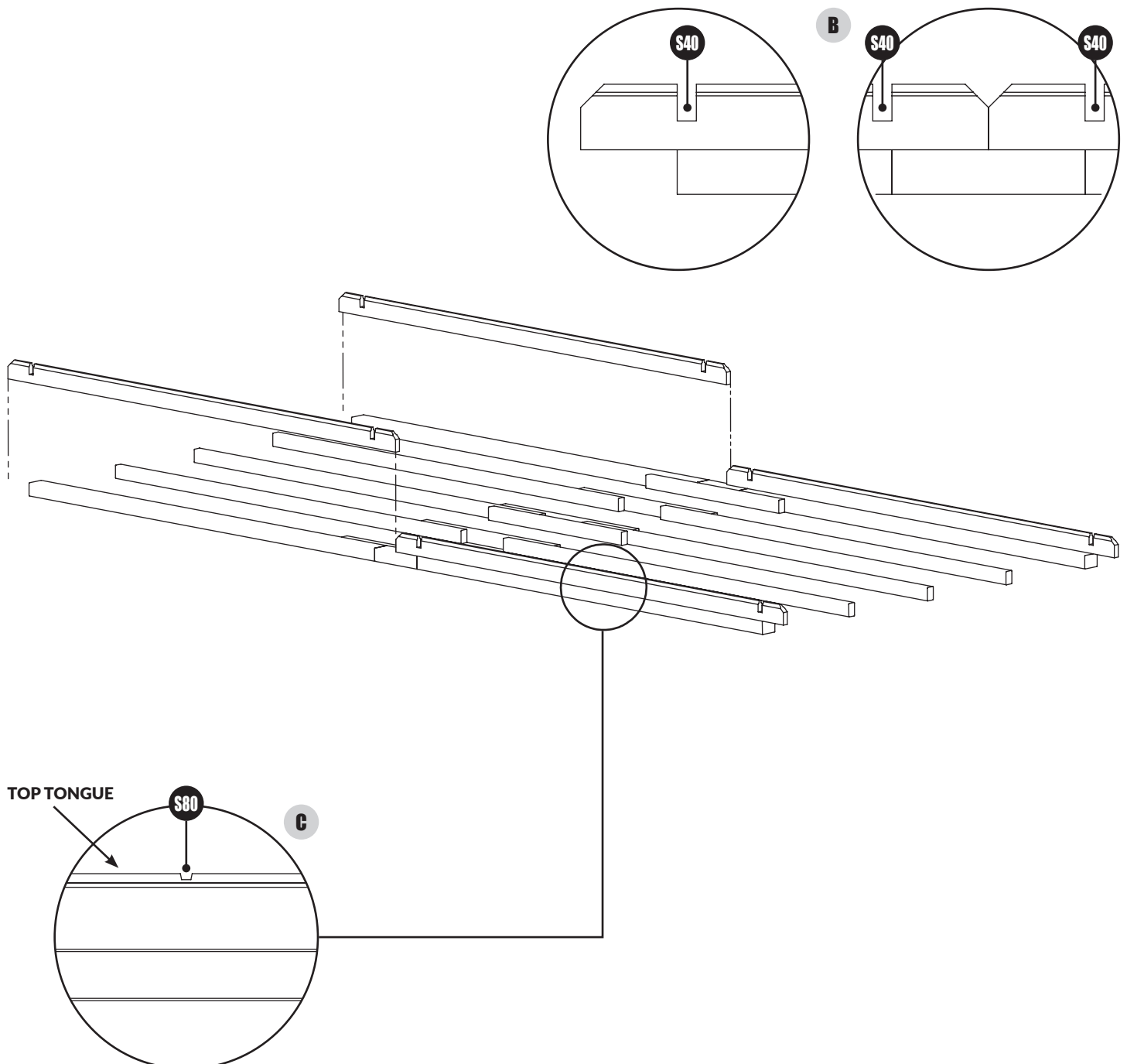


Step 2:

FLOOR ASSEMBLY

(CHECK WHAT SIZE YOU HAVE AND THE MODULES SUPPLIED)

- Place half logs as shown.
- Secure to tanalised floor bearer through notch at end using 1x S40 per notch. **(Detail B)**
- Using a utility knife or similar, cut a slight notch in the top tongue of each half log and screw through log into tanalised floor bearer using 1x S80 per cut notch. **(Detail C)**



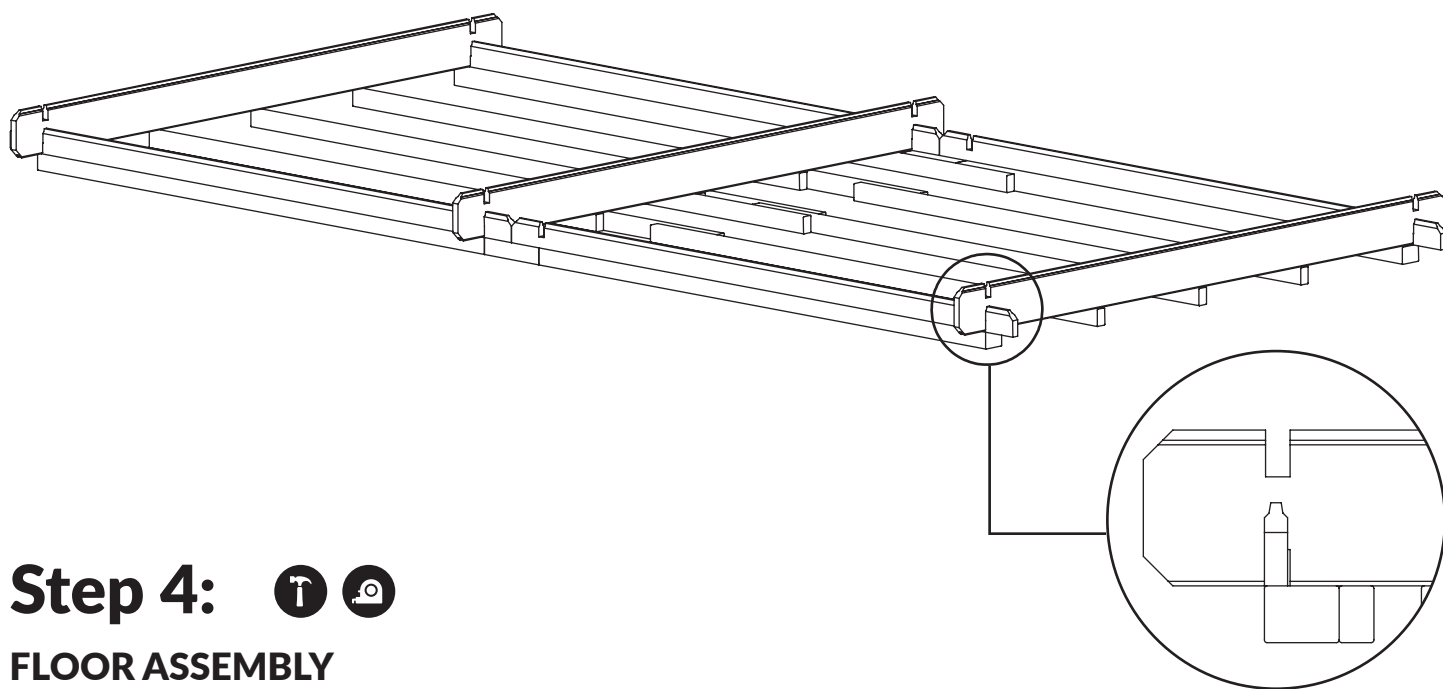
TIGERFLEX® PENT LOG CABIN GENERAL INSTRUCTIONS

Step 3:

FLOOR ASSEMBLY

(REFERENCE MODEL IS 12X6 THE MODA 19MM TIGERFLEX LOG CABIN WITH DOOR ON GABLE END.)

- Take full logs and slot them into place as shown. **Do not secure with screws.**
 - For 6x6 models, use 2x full logs.
 - For 8x6, 10x6 & 12x6 models, use 3x full logs.
 - For 14x6 & 18x6 models, use 4x full logs.
- Decide at this point where you would like your door to be positioned. If you plan to install the door on one of the gable ends, place your first floorboard at the door end chosen. This is referred to as the "Door Board". Leave approx. 2mm gap at the edges.

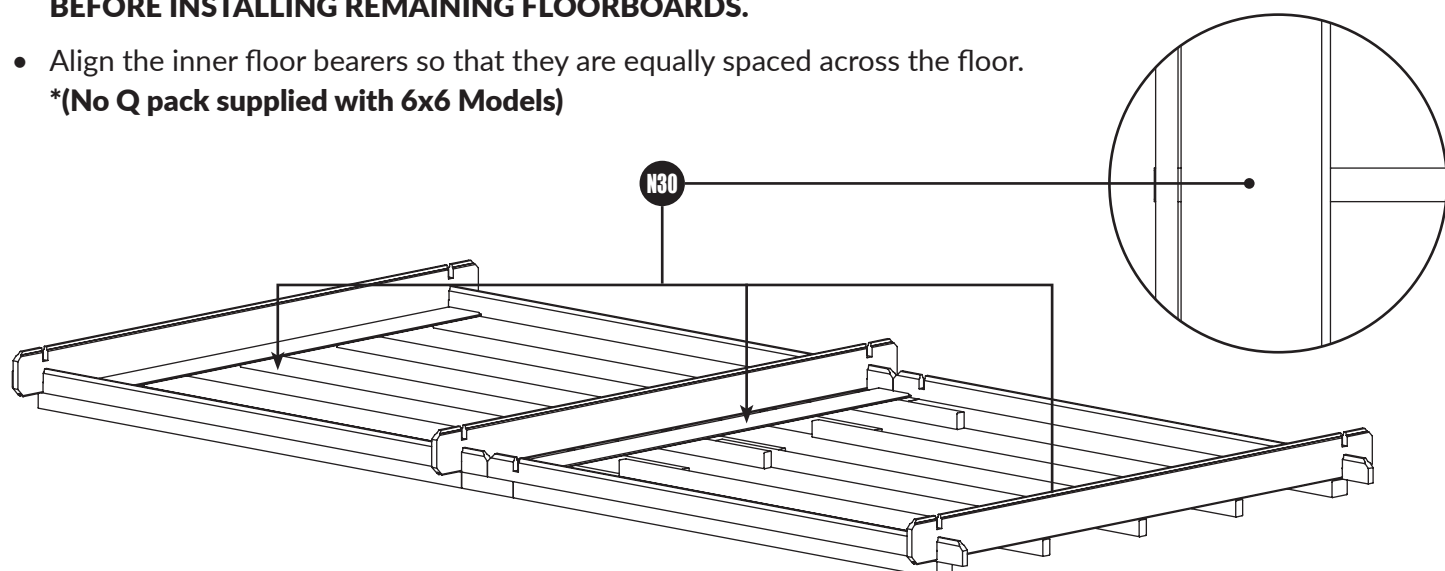


Step 4:

FLOOR ASSEMBLY

(MODULE PACKS: H/J & Q*)

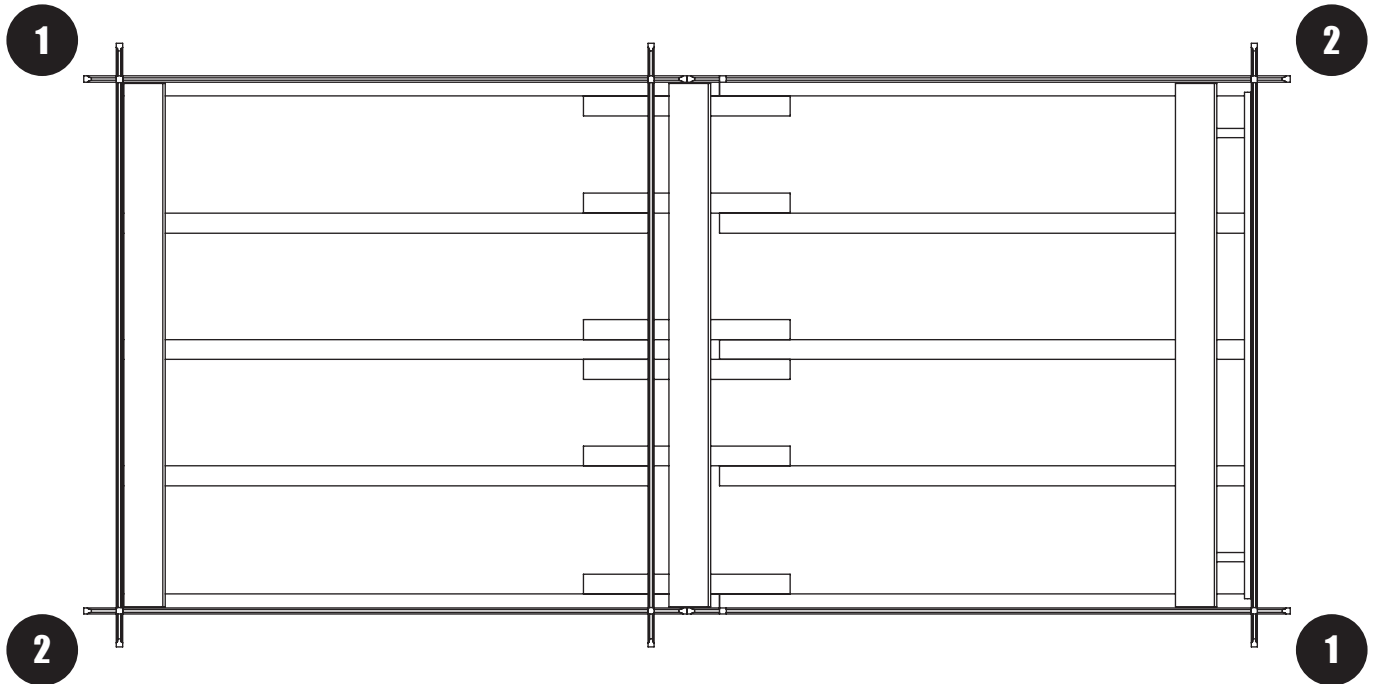
- Take 3 floorboards and tack in place as shown below using 5x N30 per floorboard.
NOTE: DO NOT FULLY SECURE AS THESE ARE ONLY TO KEEP THE FLOOR SQUARE BEFORE INSTALLING REMAINING FLOORBOARDS.
- Align the inner floor bearers so that they are equally spaced across the floor.
***(No Q pack supplied with 6x6 Models)**



Step 5:

FLOOR ASSEMBLY

- Measure corner to corner diagonally to make sure cabin floor is square. If both values are equal, your frame is square. Realign the floor until square. **Do not trim.**



Step 6:

FLOOR ASSEMBLY

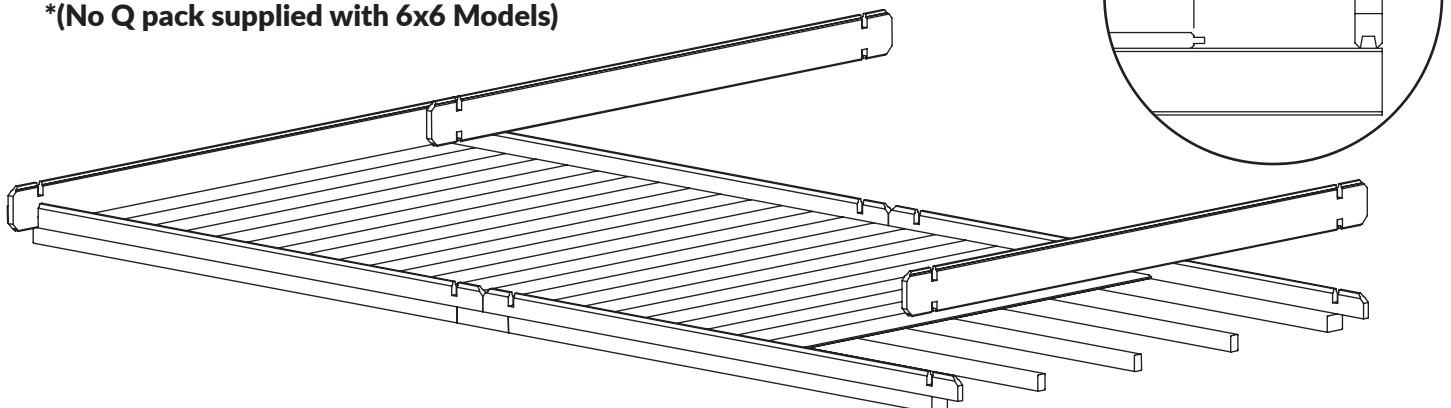
(MODULE PACKS: H/J & Q*)

- From the “Door Board” (see Step 3) work your way across the frame, securing remaining floorboards using 10x N30 per floorboard.

NOTE: YOU WILL NEED TO REMOVE THE 2 FLOORBOARDS AND LOGS THAT WERE USED TO HOLD THE FRAME TOGETHER AS YOU COME TO THEM.

- Final floorboard may need to be trimmed. Measure as shown and cut to size. (Detail D)

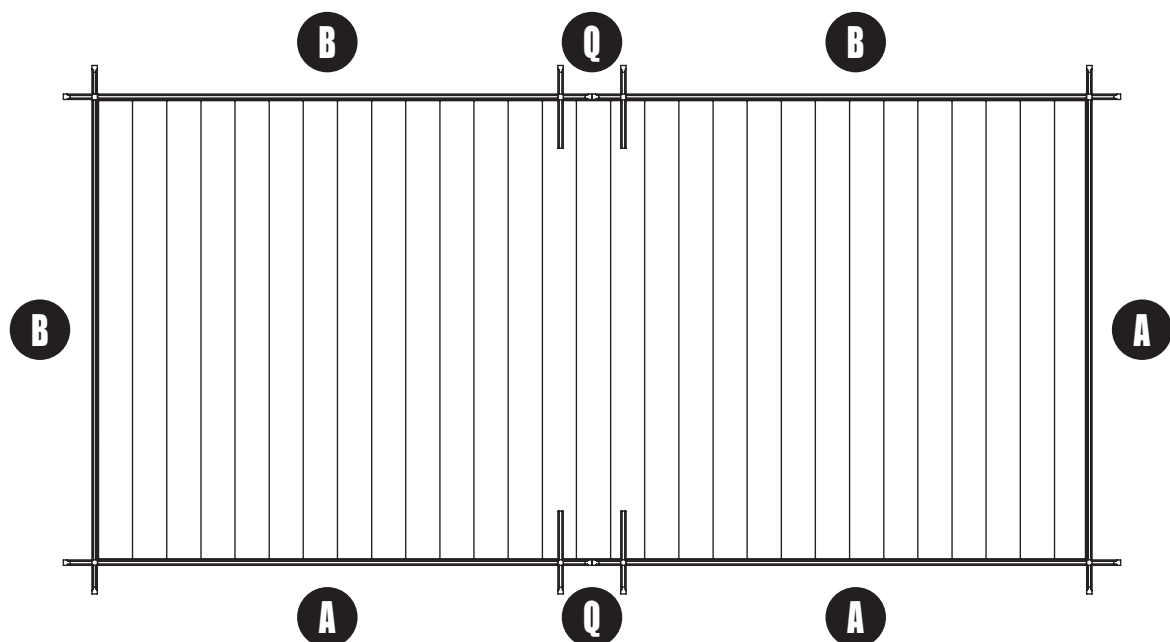
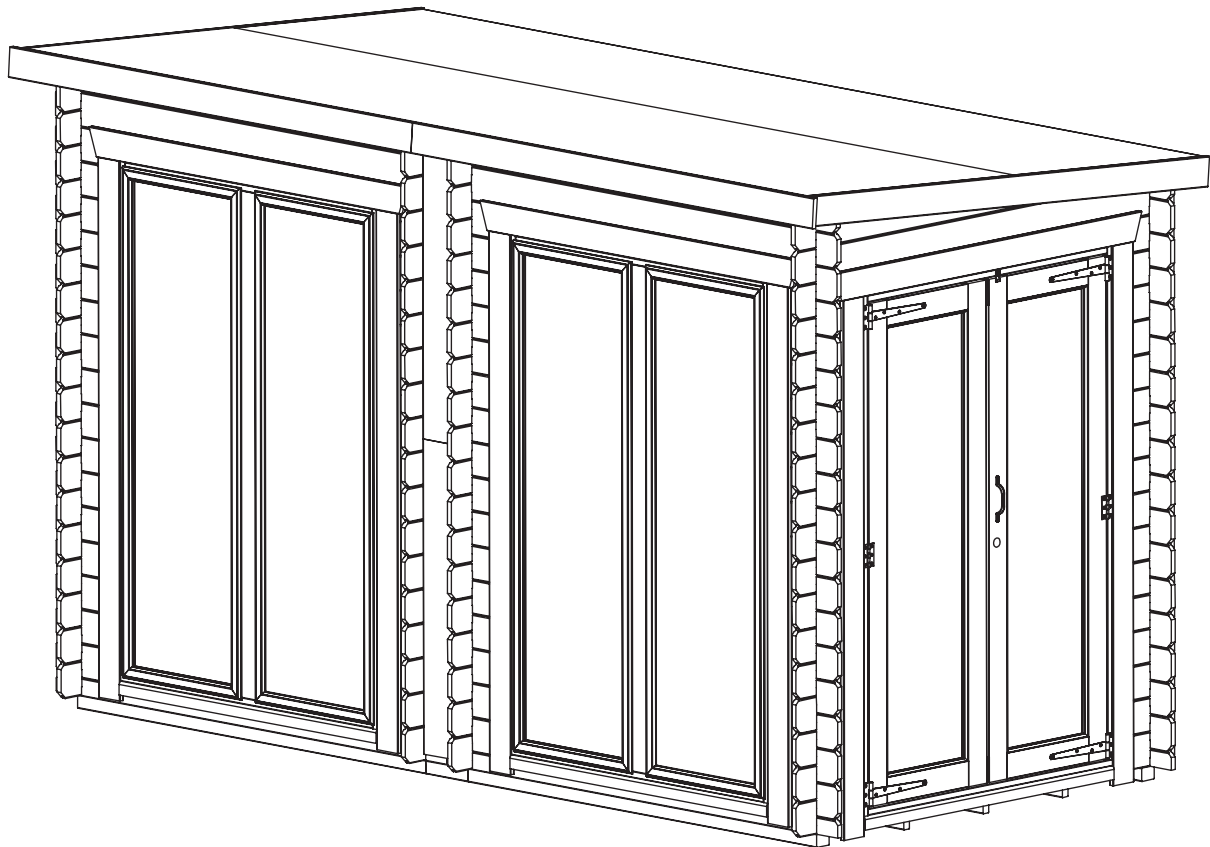
*(No Q pack supplied with 6x6 Models)

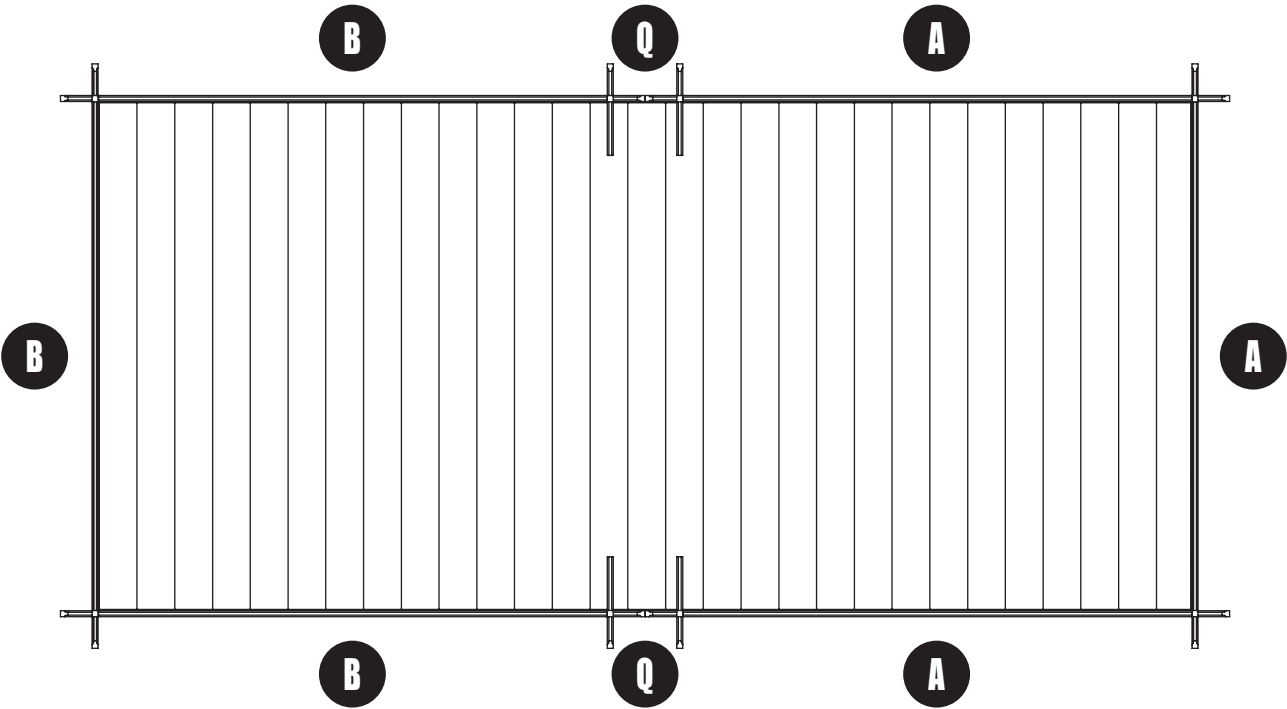
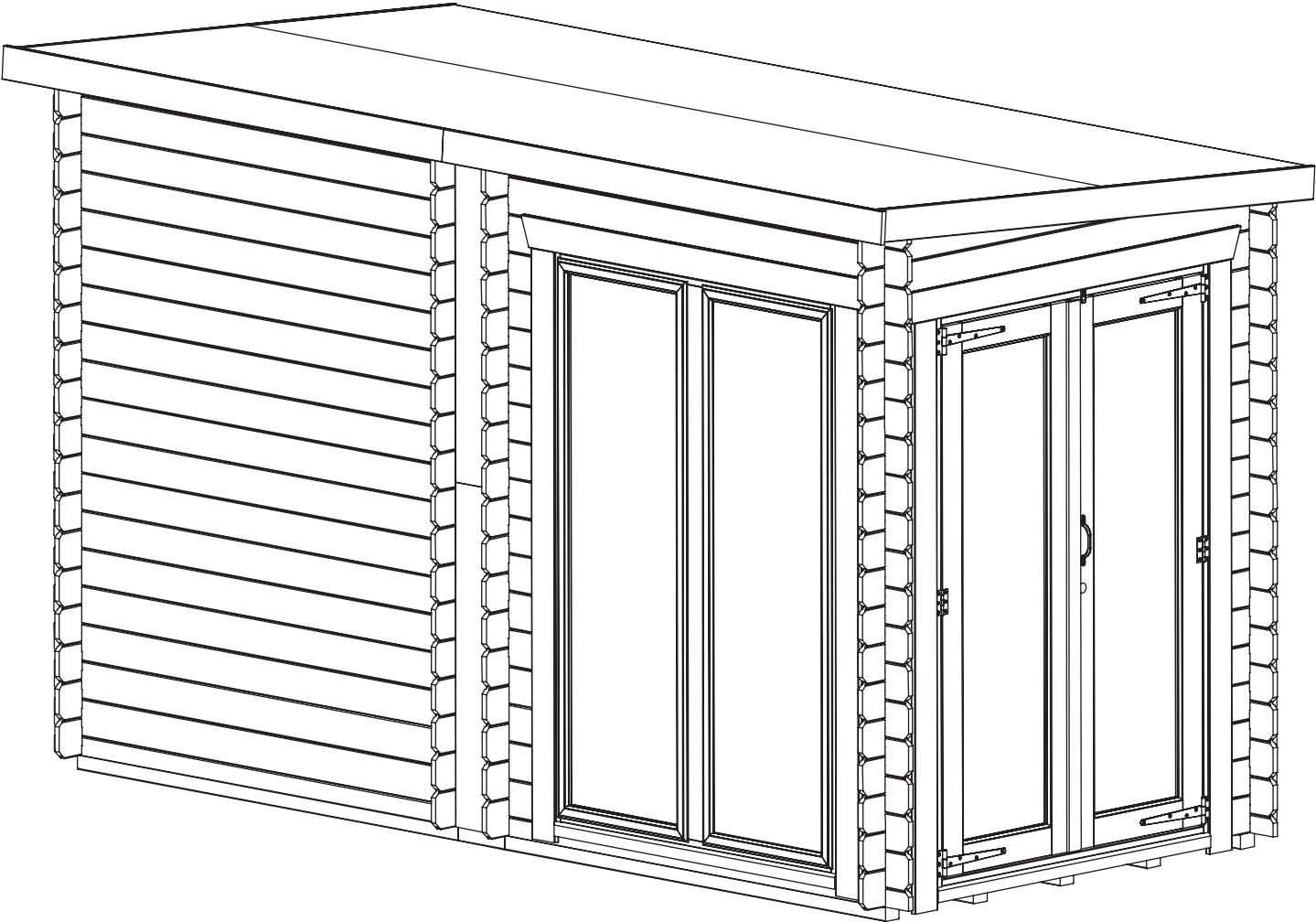


Step 7:

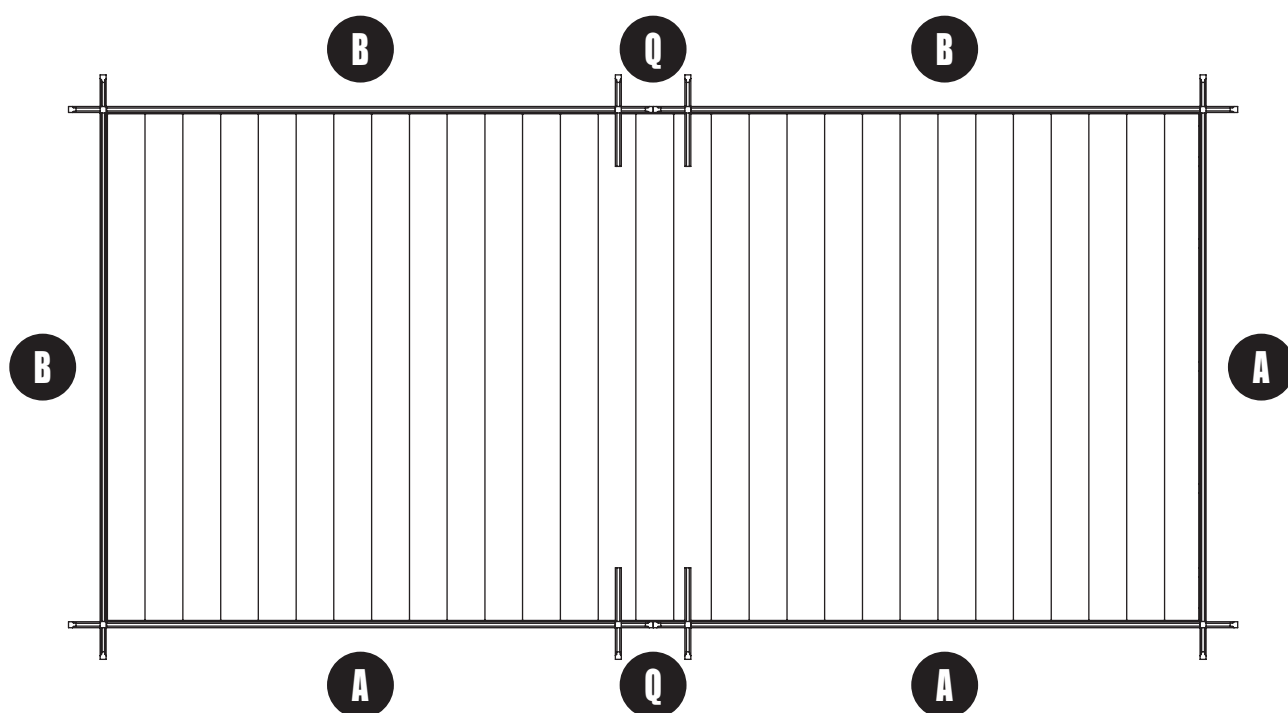
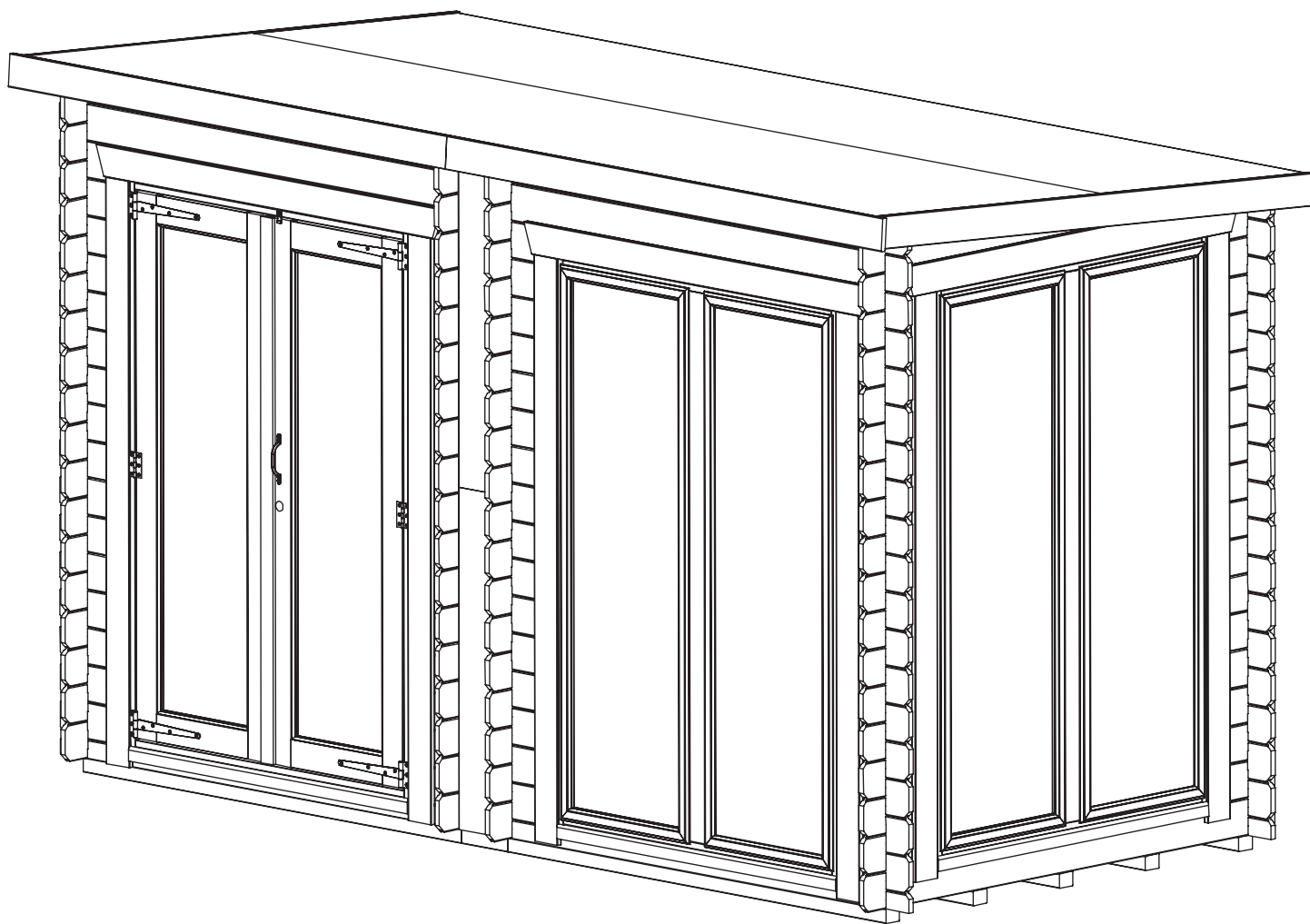
POSITIONING OF DOORS & WINDOWS

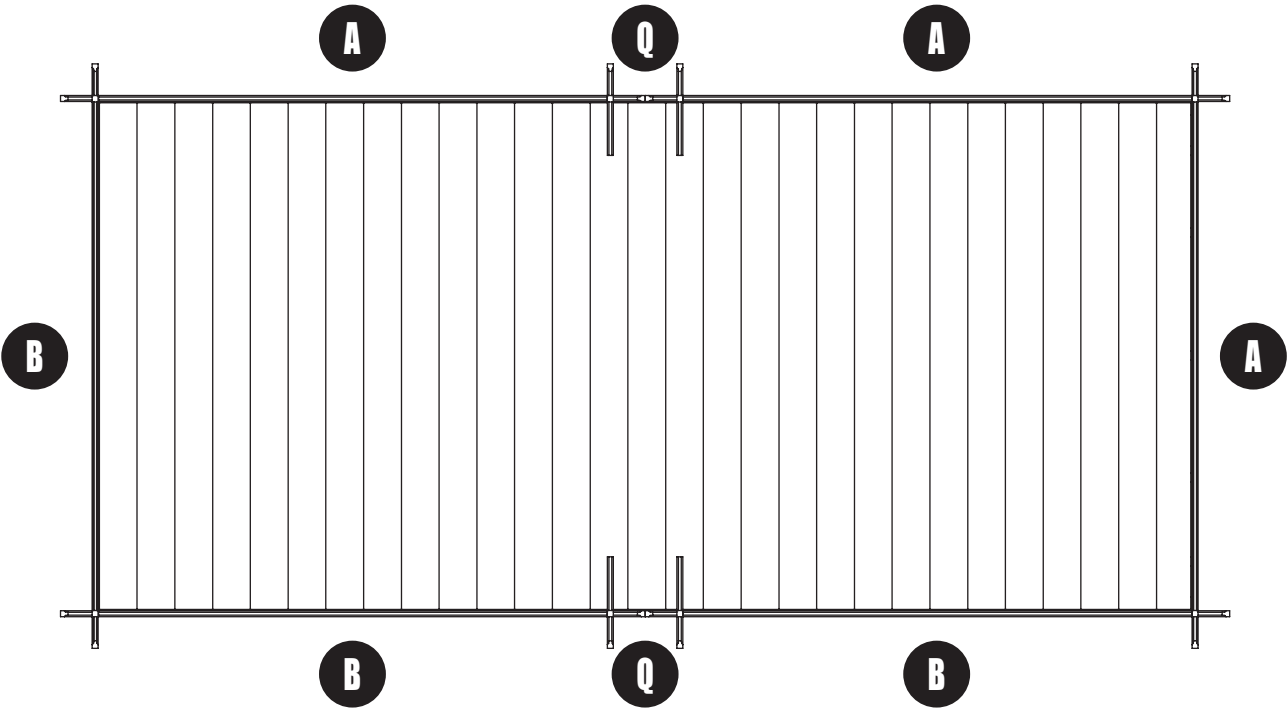
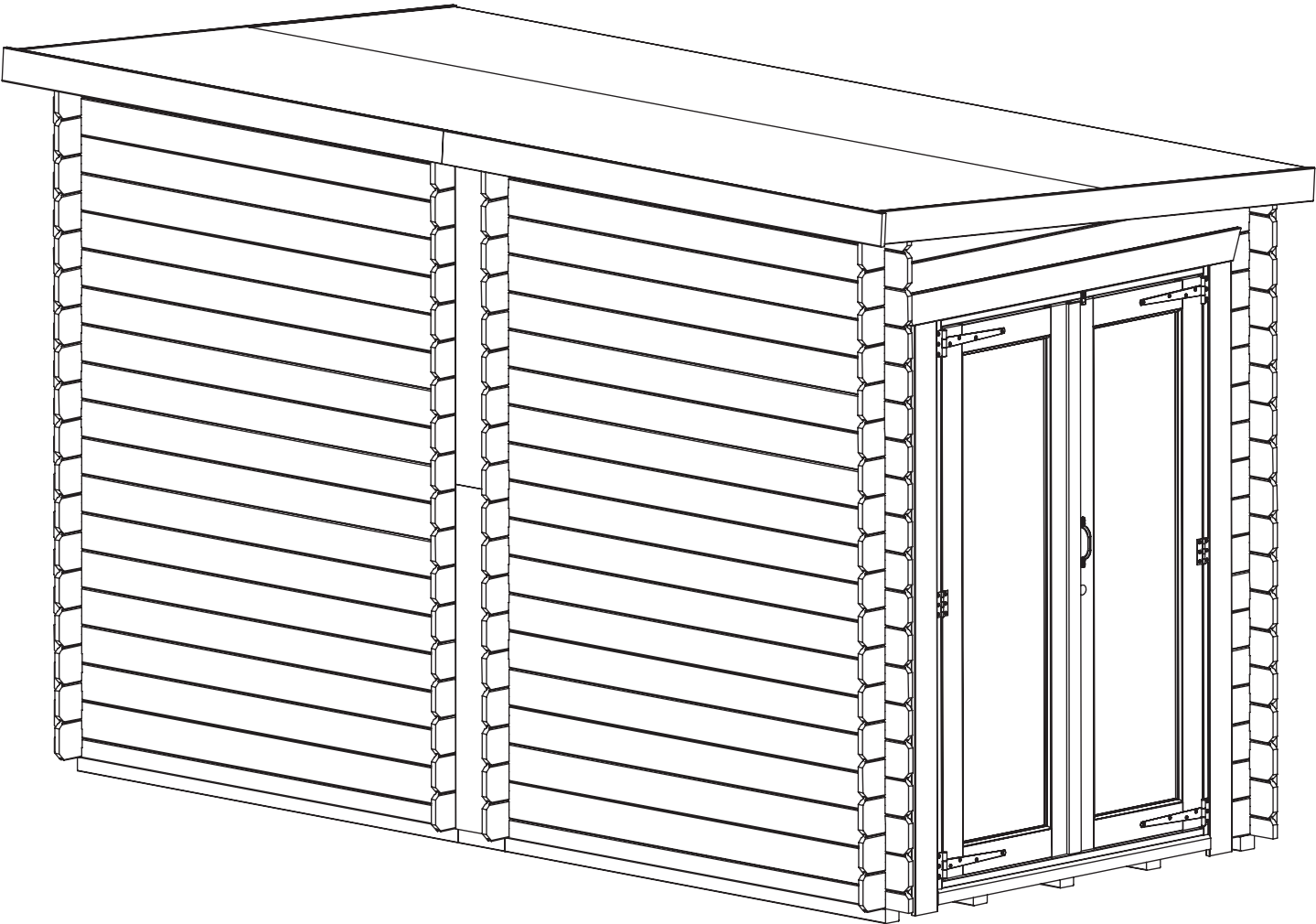
- Lay out the module packs supplied in the position you would like them to be constructed. See examples for some inspiration. All following instructions will be based on configuration shown below. Reference model is 12x6 The Moda 19mm TigerFlex Log Cabin with door on gable end.





TIGERFLEX® PENT LOG CABIN GENERAL INSTRUCTIONS





Step 8:

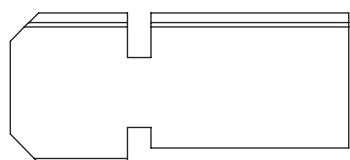
WALL ASSEMBLY STAGE 1

(MODULE PACKS: A, B & Q*)

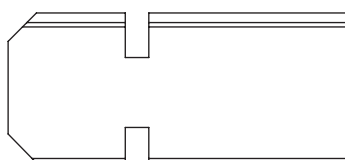
- For central sections, use notched logs from Module Pack Q, which have a removed section as shown.
(No "Q" pack supplied with 6x6 Models)
- Secure through notch into log below using 1x S40 per notch, then secure into floorboards. Drill pilot hole at an angle through log into floorboard, then secure in place as shown using 1x S40 per cut log. **(Detail E)**

ADDITIONAL STEPS FOR DOOR POSITIONING OR FULL PANE WINDOWS ON GABLE.

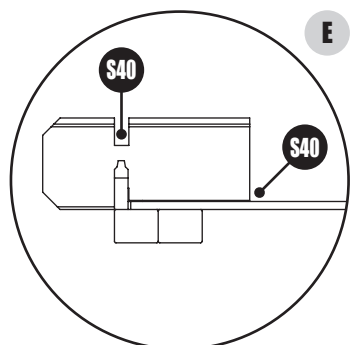
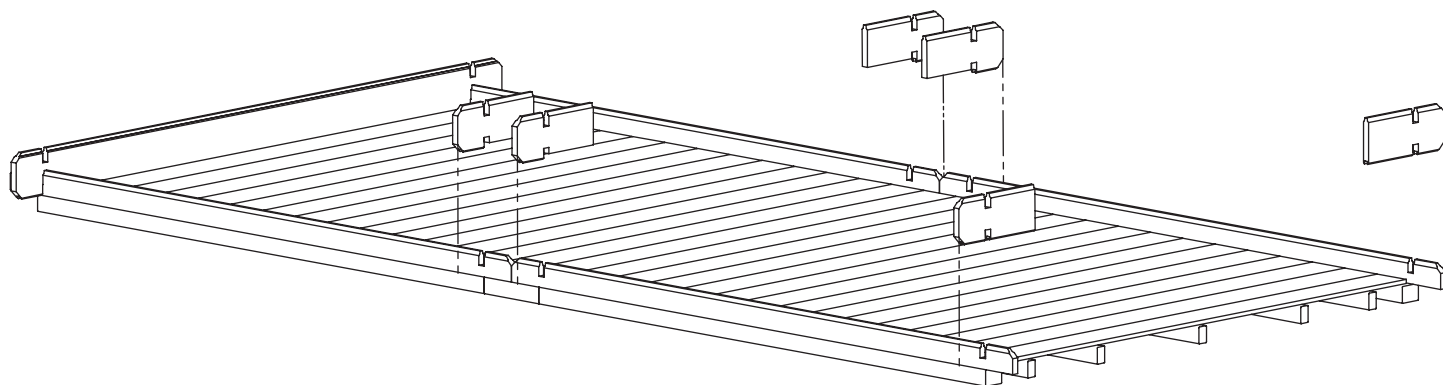
- If you are having a door or full pane window on the end, remove the full log used for boarding the floor and replace with 2x cut logs as shown. Insert 2x 190mm spacers under the edge of cut logs. **(Detail F)**
- Secure through notch into log below using 1x S40 per notch, then secure into spacer. Drill pilot hole at an angle through log into floor spacer, then secure in place as shown using 1x S40 per cut log. **(Detail G)**



Notched Floor Log with removed section x 4

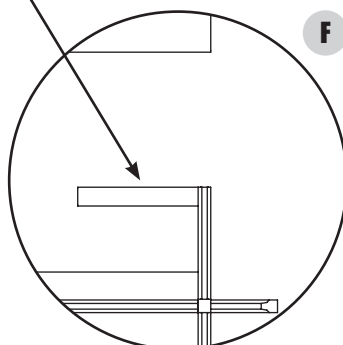


Cut Log x 2

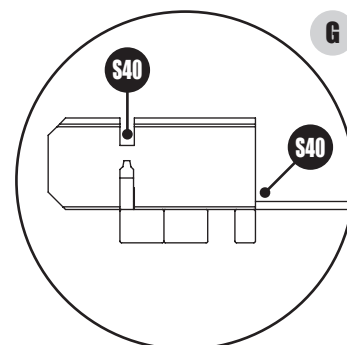


E

190MM SPACER



F



G

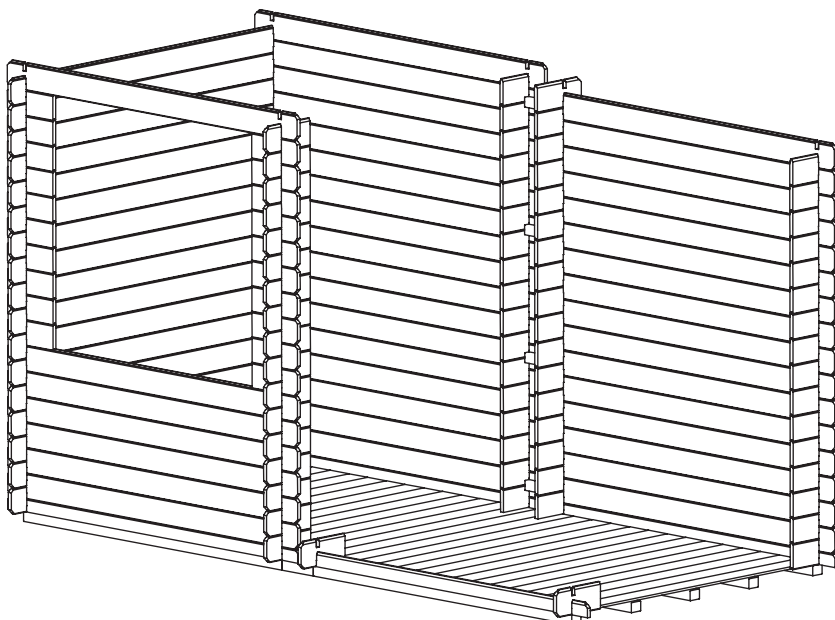
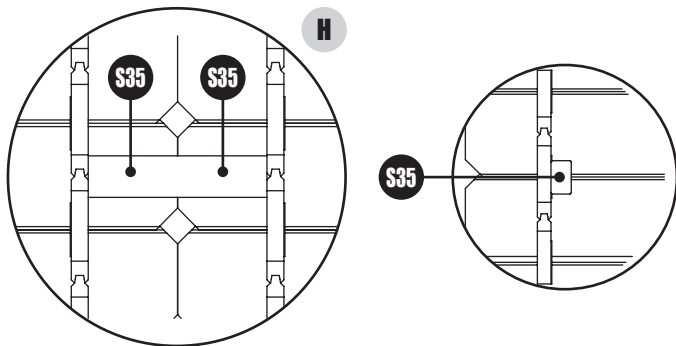
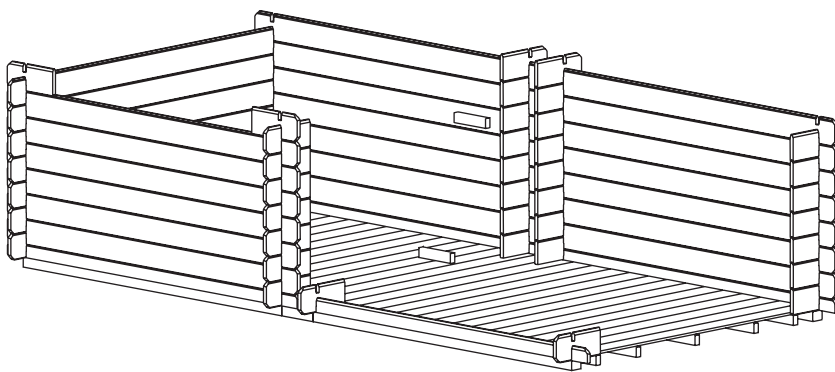
Step 9:

BUILDING A WALL FOR $\frac{3}{4}$ WINDOW

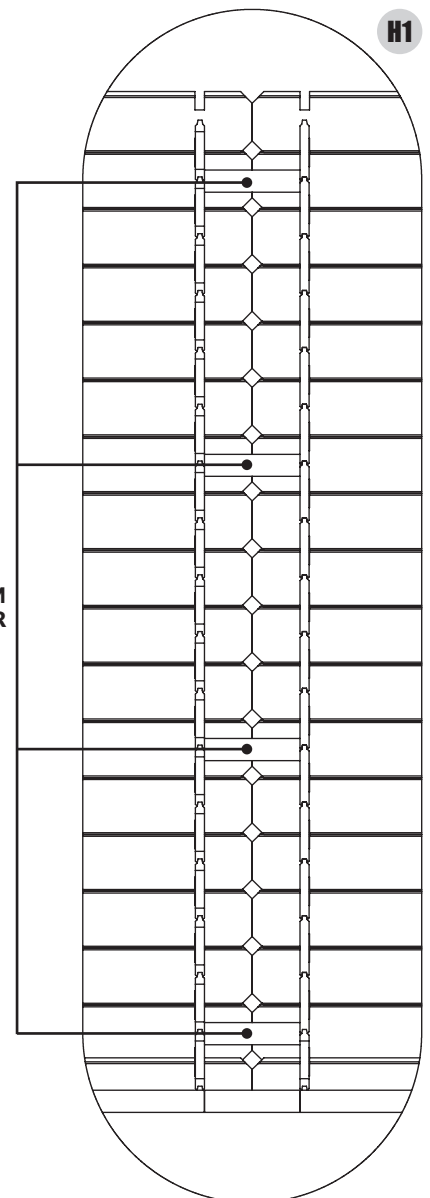
- Build 6 logs high using 1750mm / 1150mm full logs depending on size of building. Then use 274mm cut logs to start building window frame.

Use supplied construct diagram for reference.

- Secure 274mm cut log through notch into log below using 1x S40. Drill a pilot hole at an angle through the cut log into the full log below and screw into place as shown using 1 x S40. **(Detail E In Step 8 For Reference)**
- Continue to build upwards. Secure built walls using 190mm spacers every five logs high using 2x S35. **(Detail H & H1)**



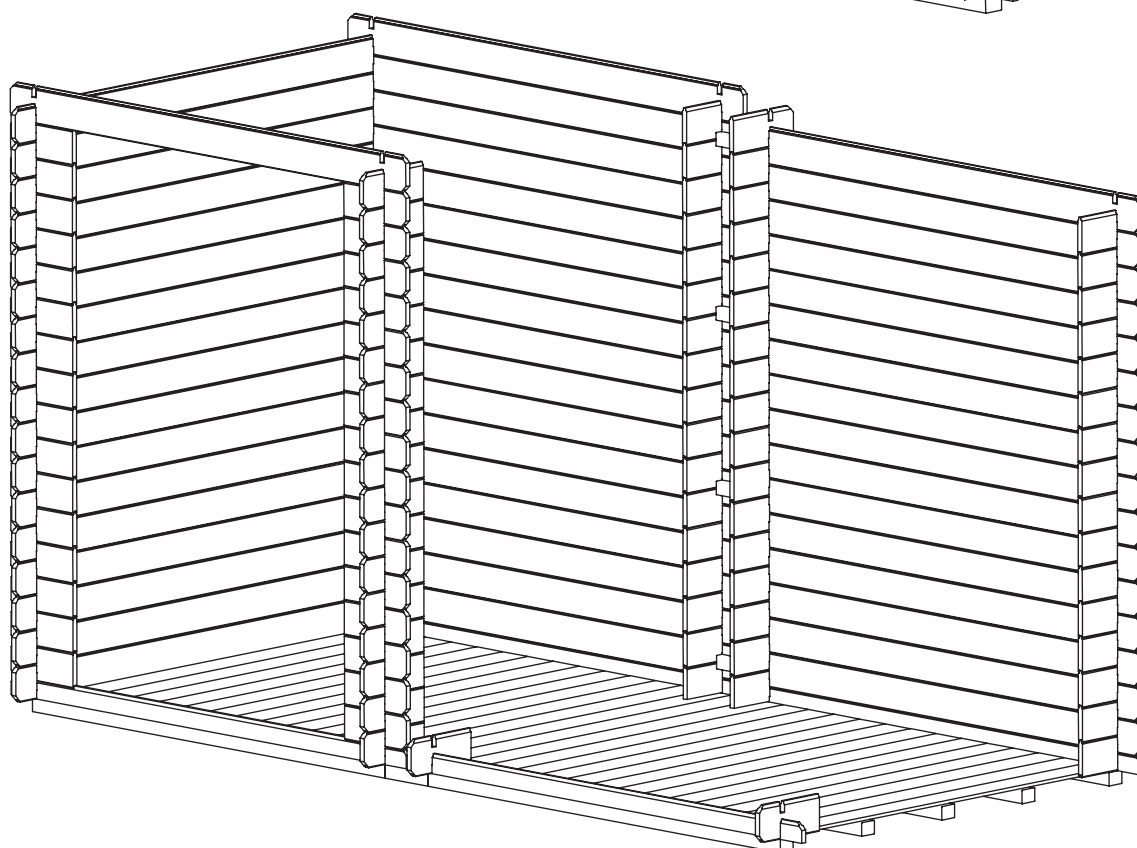
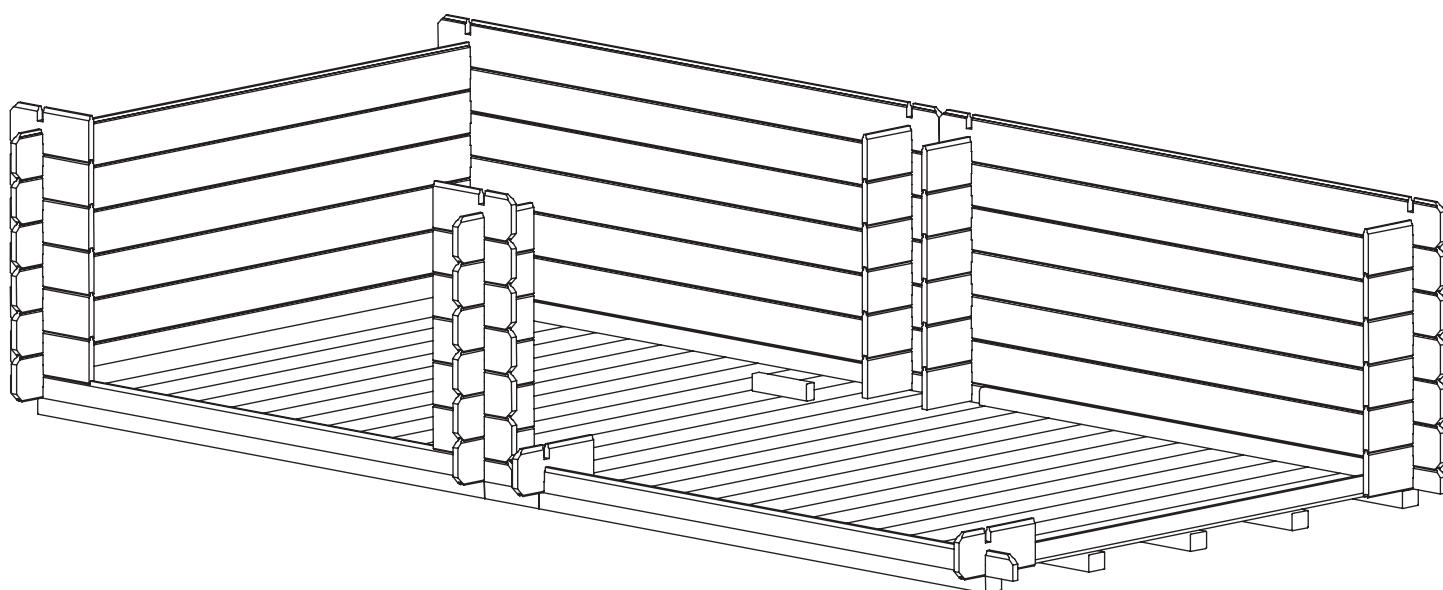
190MM
SPACER



Step 10:

BUILDING A WALL FOR A FULL PANE WINDOW

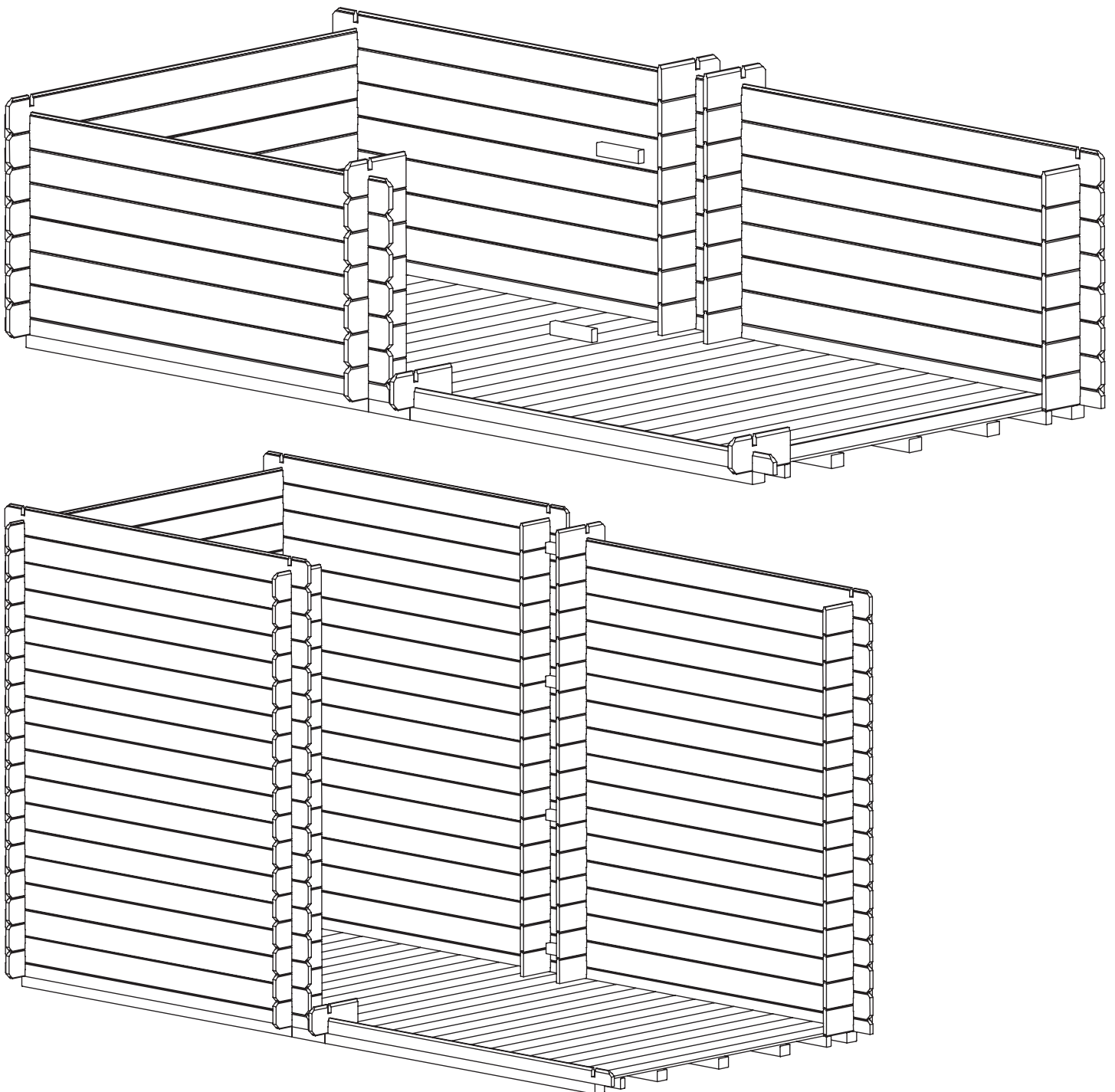
- Start with 274mm cut logs.
- Secure 274mm cut logs through notch into log below using 1x S40. Drill a pilot hole at an angle through the cut log into the half log below and screw into place as shown using 1x S40. **(Detail E In Step 8 For Reference)**
- Continue to build upwards. Secure built walls using 190mm spacers every five logs high using 2x S35. **(Detail H & H1 In Step 9 For Reference)**
Use supplied construct diagram for reference.



Step 11:

BUILDING A BLANK WALL

- Start building using 1750mm / 1150mm full logs depending on size of building.
Use supplied construct diagram for reference.
- Secure full bottom log through notch into log below using 1x S40. Drill a pilot hole at an angle through the cut log into the half log below and screw into place as shown using 1x S40. *(Detail E In Step 8 For Reference)*
- Continue to build upwards. Secure built walls using 190mm spacers every five logs high using 2x S35. *(Detail H & H1 In Step 9 For Reference)*

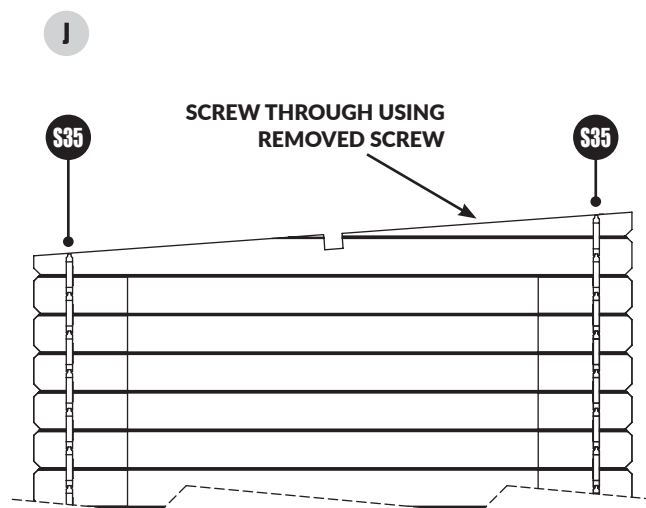
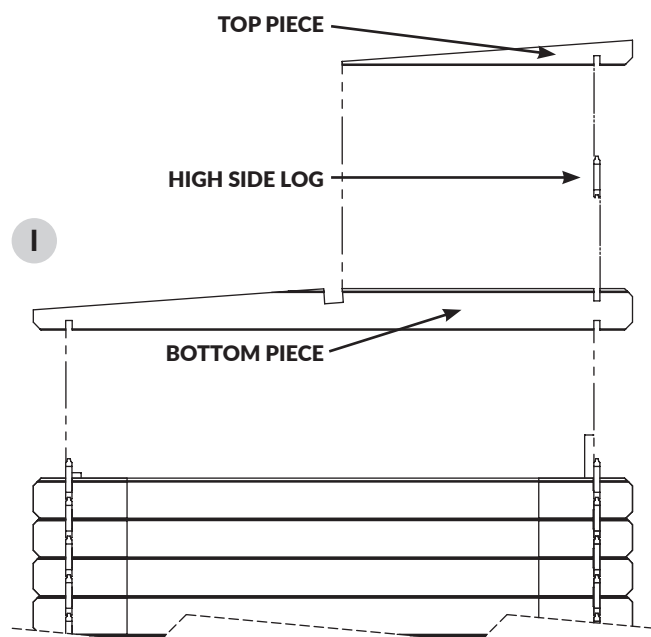
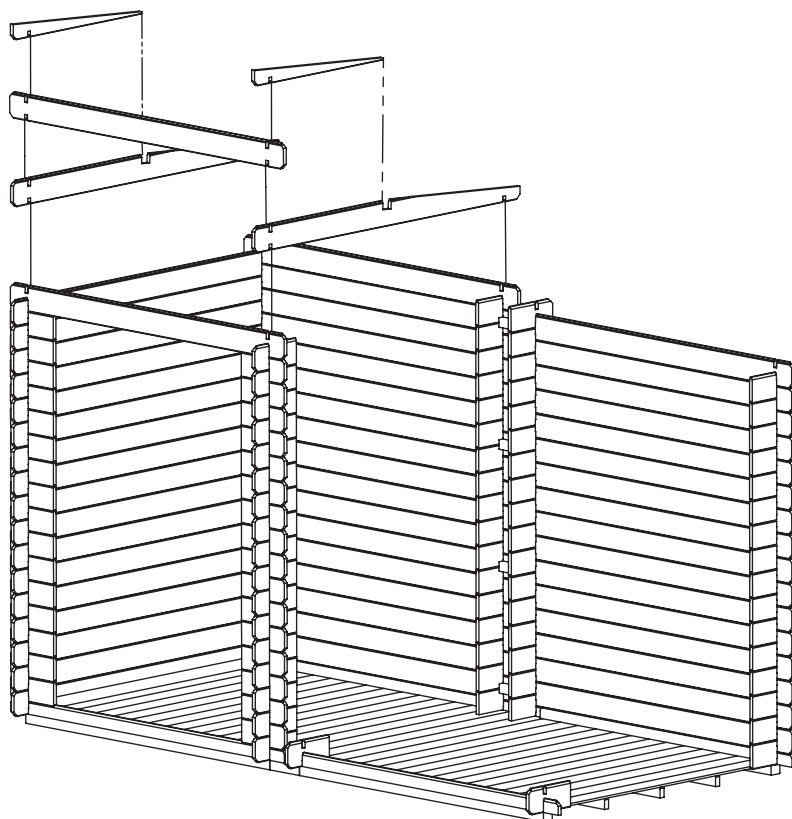


Step 12:

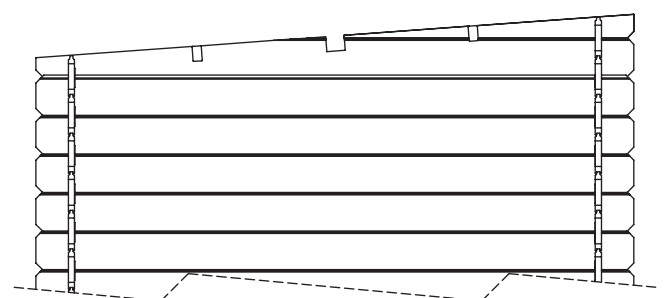
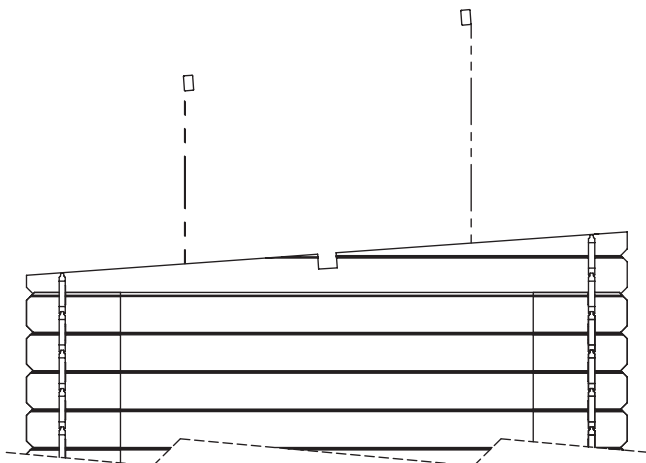
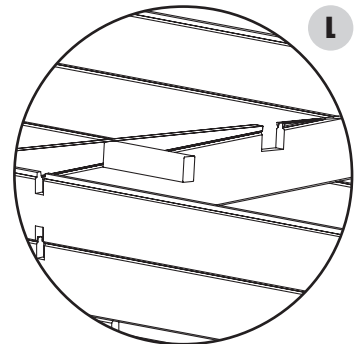
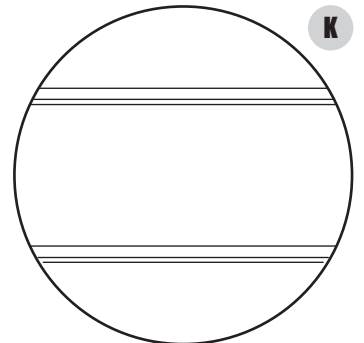
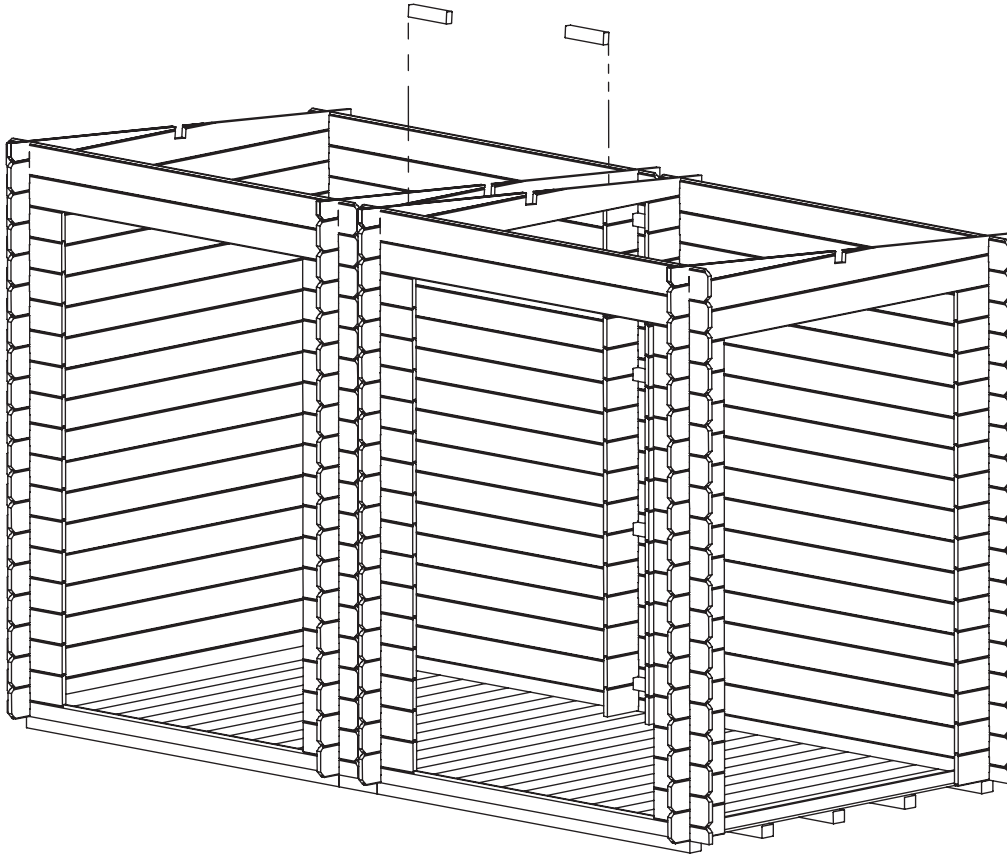
WALL ASSEMBLY STAGE 2

(MODULE PACKS: G, T & Z/BB)

- Take the pent gable top apart by unscrewing the logs.
NOTE: KEEP SCREW IN SAFE PLACE. WILL BE REQUIRED TO COMPLETE GABLE TOP INSTALL.
- Install bottom piece of pent gable tops as shown. *(Detail I)*
- Install high side log supplied in Module Z/BB.
- Install top piece of pent gable tops as shown.
Secure back together using previously removed screw. *(Detail J)*



- Secure pent gable tops into walls using 2x S35 per gable top.
- Secure 190mm spacers to central gable tops using 2x S35 per spacer as shown. Screw through gable tops into spacer from either side. **(Detail K & L)**
- Pent gable top removed to show 190mm spacer. **(Detail L)**
- Repeat processes to build up remaining walls as shown.



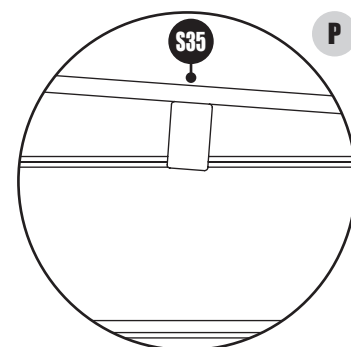
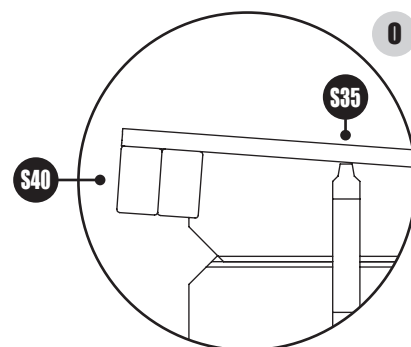
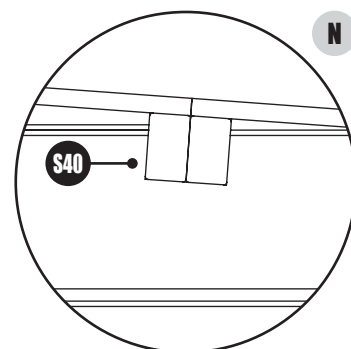
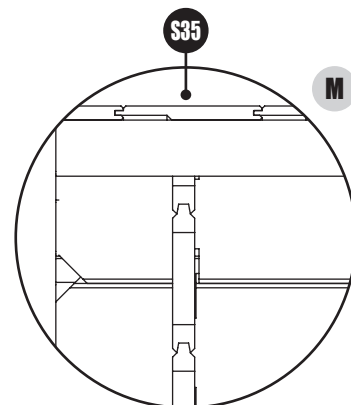
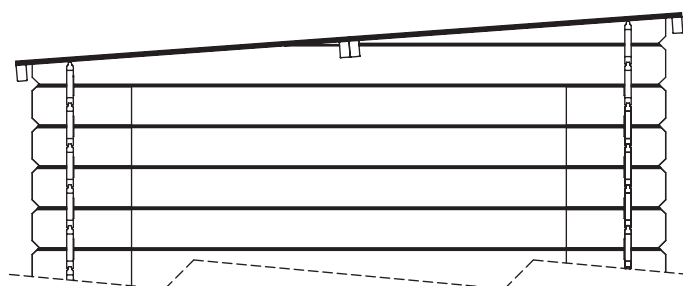
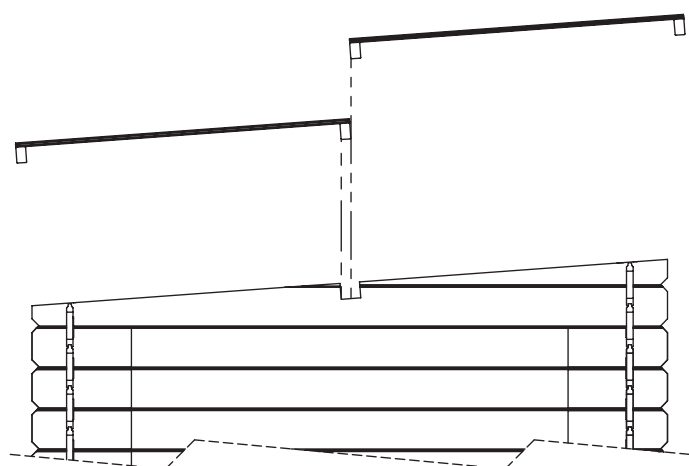
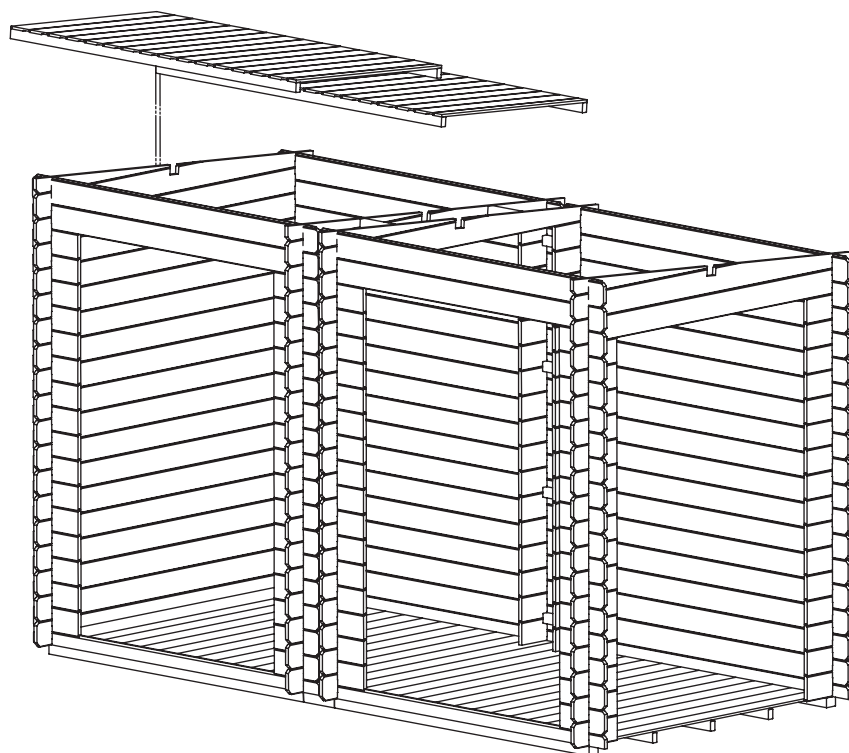
Step 13:

ROOF PANEL INSTALLATION

(MODULE PACKS: M/AA & T)

- “Hook” roof panels into notches pre-cut into pent gable tops.
- Roof panels should be flush with outer edges of the logs. **(Detail M)**
- Use 3x S40 evenly spaced along length to secure roof panels together. **(Detail N)**
- Tie roof panels together on both sides using 190mm spacers. Secure using 2x S40 per joint.. **(Detail O)**
- Secure roof to walls and gable tops using the following steps:
 - 4x S35 evenly spaced along length into gable tops. **(Detail M & P)**
 - 3x S35 evenly spaced along length into side walls. **(Detail O)**

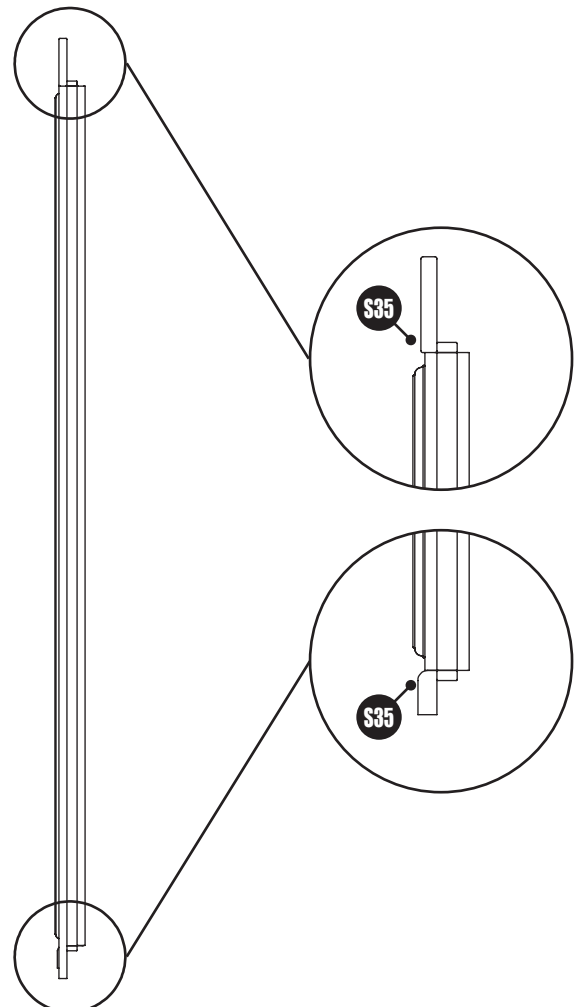
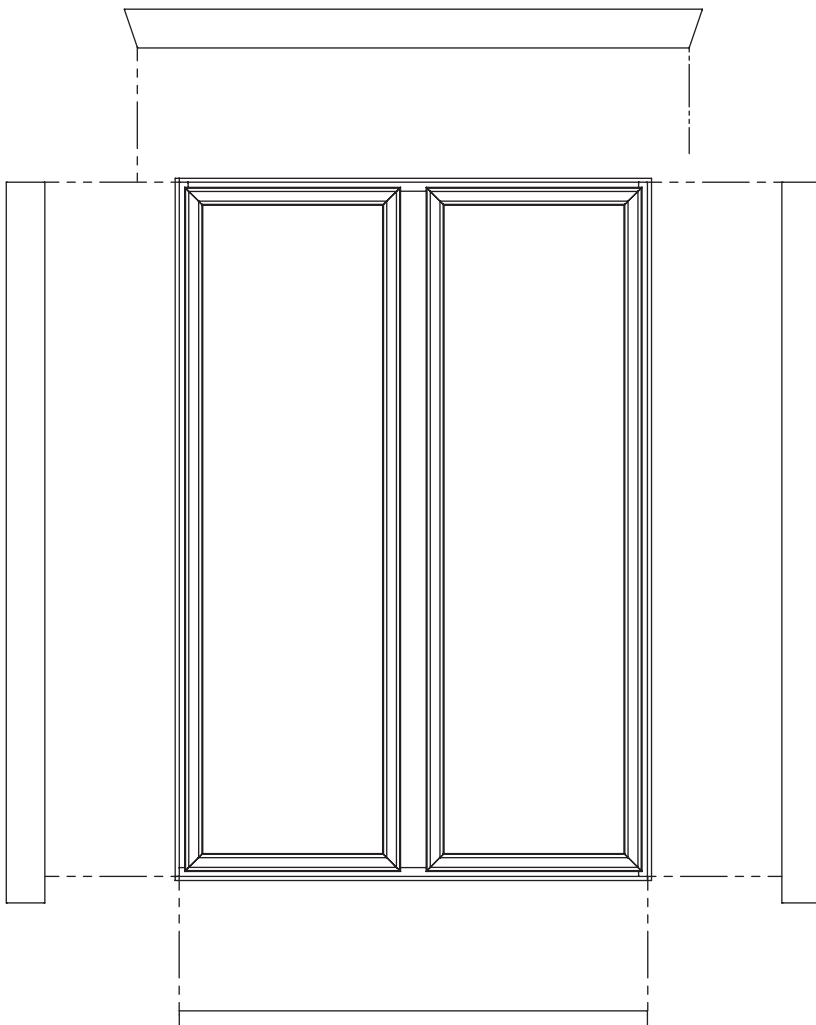
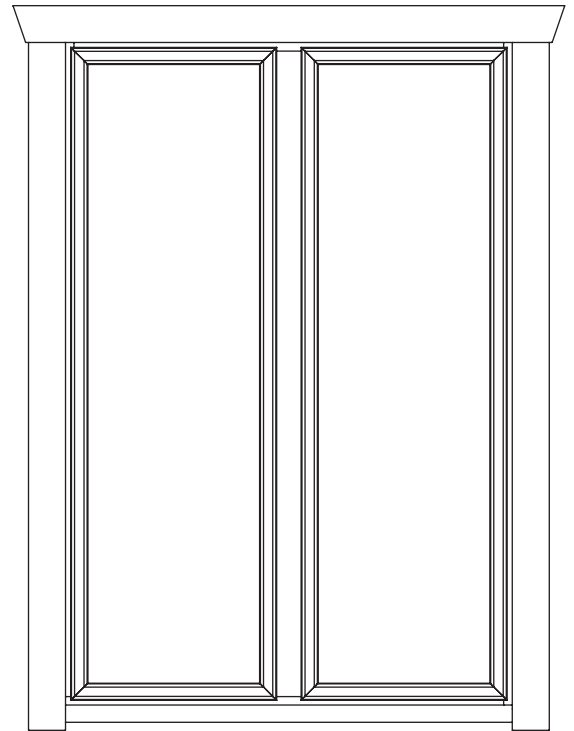
> **Top Tip** – use a spirit level to draw a guideline for drilling through into walls.



Step 14:

FULL PANE WINDOW FASCIA ASSEMBLY (MODULE PACKS: FCW1 & U)

- Open Module Pack “U”.
- Take window frame and attach the external fascia only. On a window, the external side fascia is the longer of the two supplied. (1770mm)
- Attach side fascias first. Secure using 3x S35 evenly spaced per fascia. Angle pilot hole first and then screw through fascia board into frame.
- Repeat the process for the header and bottom fascia board using 3x S35 evenly spaced per fascia.

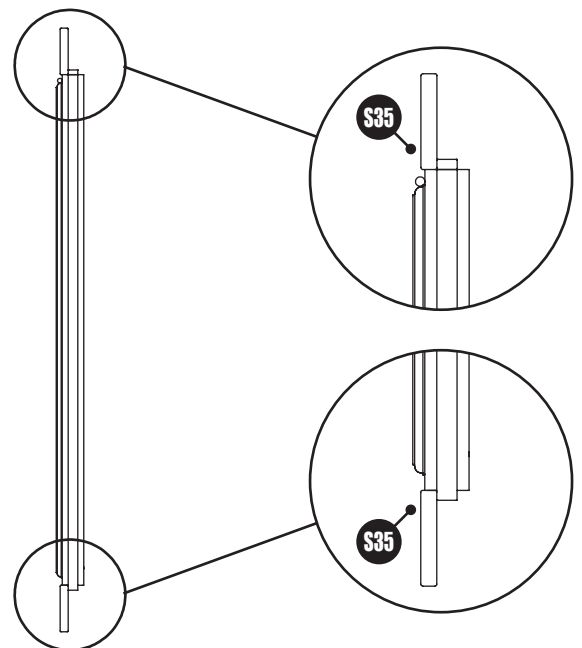
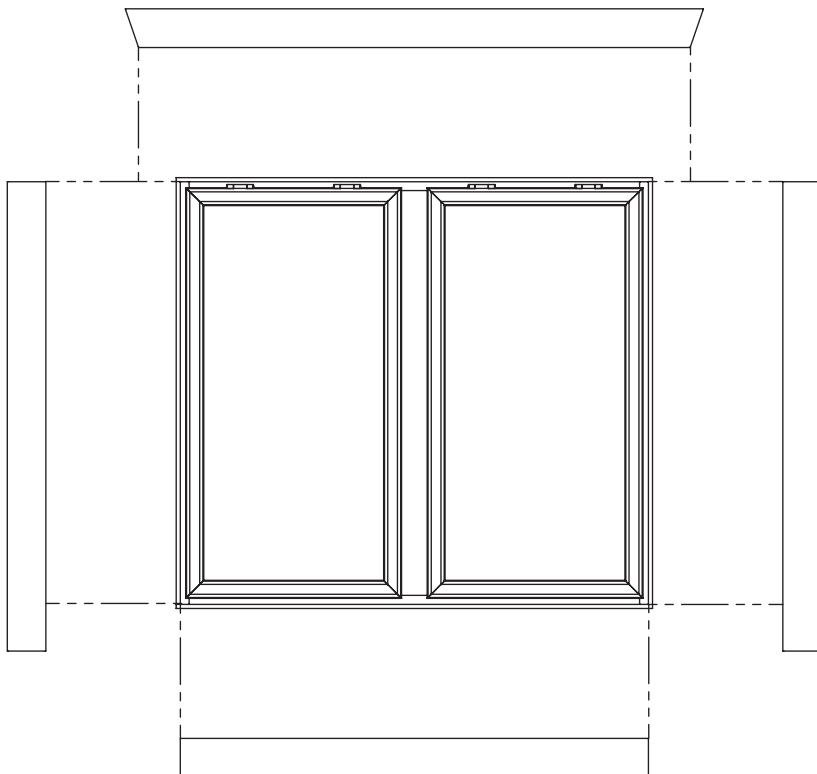
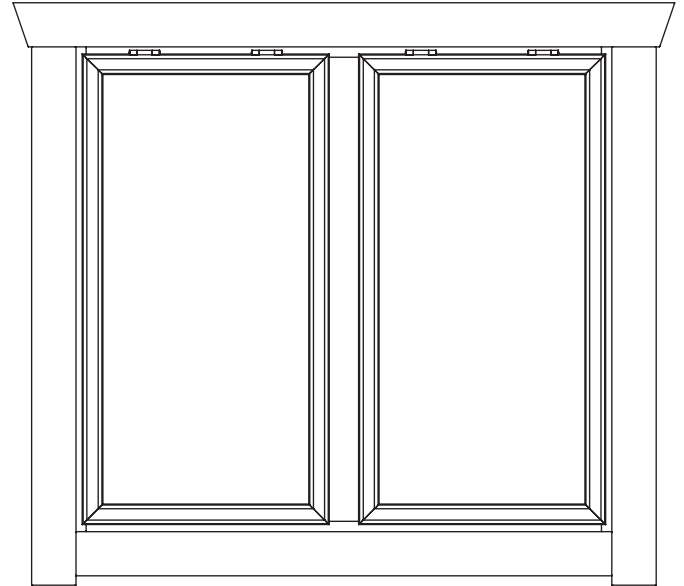


Step 15:

3/4 WINDOW FASCIA ASSEMBLY

(MODULE PACKS: FCW2/3/4 & V/X)

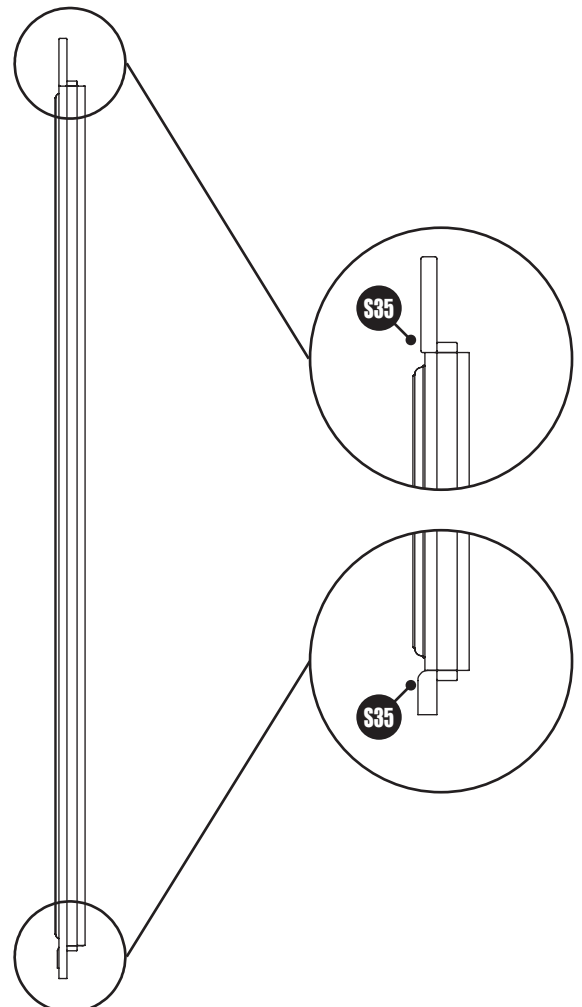
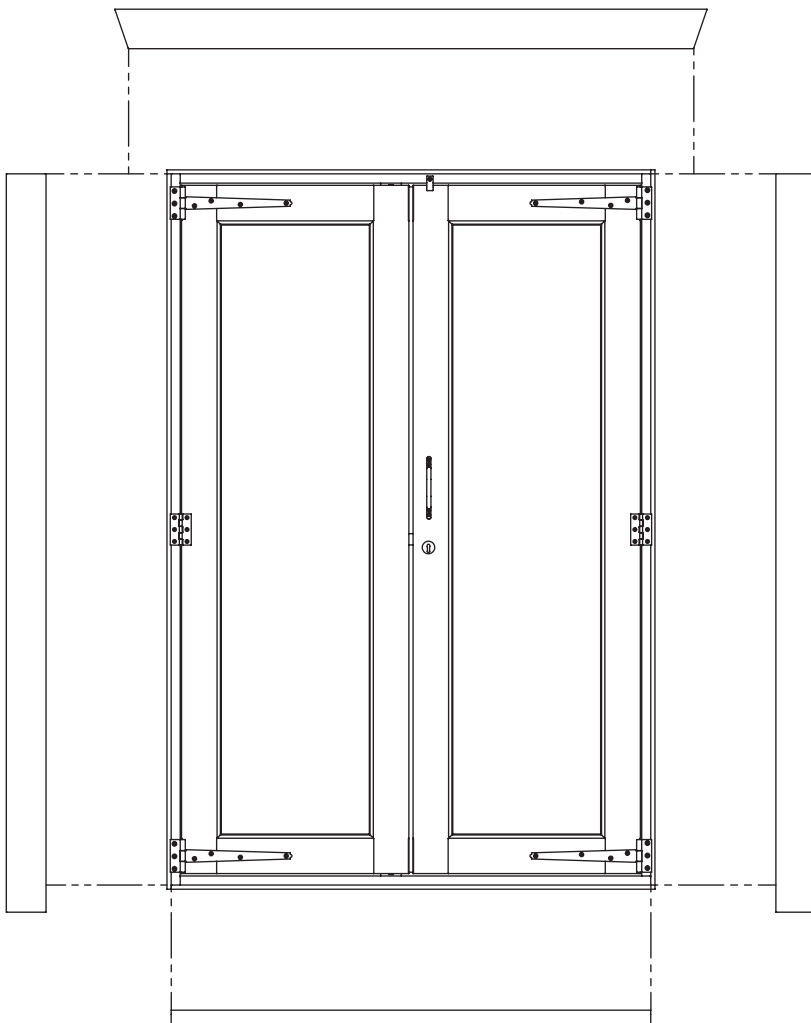
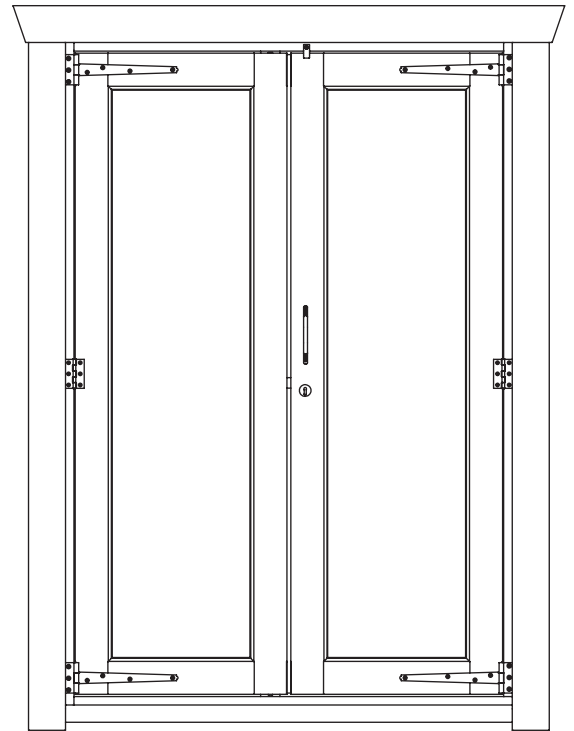
- Open window fascia packs.
- Take window frame and attach the external fascias only.
- Attach side fascias first. Secure using 3x S35 evenly spaced per fascia. Angle pilot hole first and then screw through fascia board into frame.
- Repeat the process for the header and bottom fascia board using 3x S35 evenly spaced per fascia.



Step 16:

DOOR FASCIA ASSEMBLY (MODULE PACKS: FXCD1/2/3 & U)

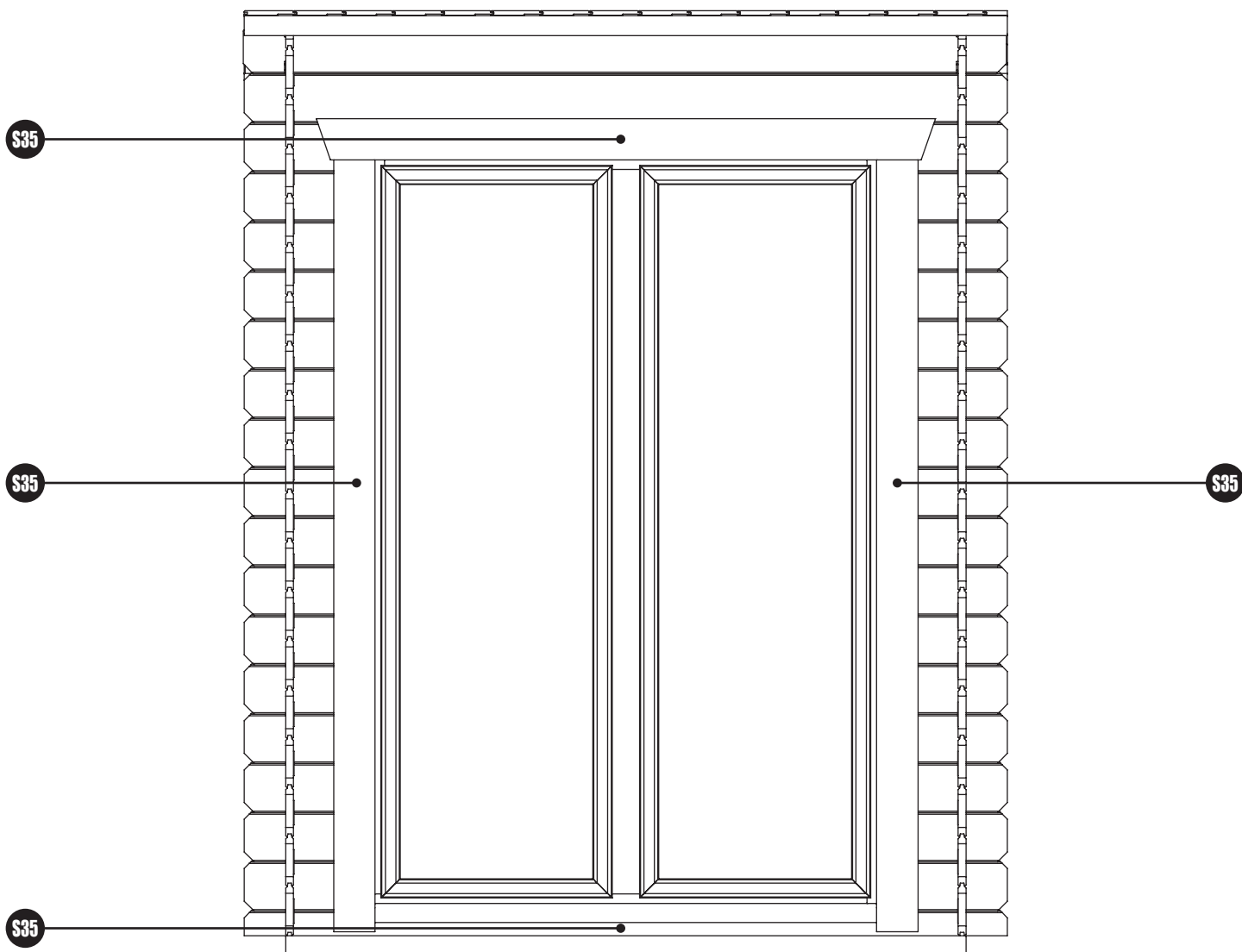
- Open Module Pack “U”.
- Take door frame and attach the external fascias only. On a door, the external side fascias are the longer of the two supplied. (1770mm)
- Attach side fascias first. Secure using 3x S35 evenly spaced per fascia. Angle pilot hole first and then screw through fascia board into frame.
- Repeat the process for the header and bottom fascia board using 3x S35 evenly spaced per fascia.



Step 17:

WINDOW INSTALLATION

- Once external fascias have been fitted, offer window up to the opening as shown.
- Make sure window is positioned centrally, resting on the last full log within the opening.
NOTE: THERE WILL BE A GAP EITHER SIDE TO ALLOW FOR MOVEMENT OF LOGS.
- Secure the window to the walls using 7x S35 evenly spaced.
- Internal fascias can be installed at this point. These are fixed to the window frames only.
NOTE: DO NOT ATTACH TO THE LOGS. (See Step 14 & 15 For Reference)

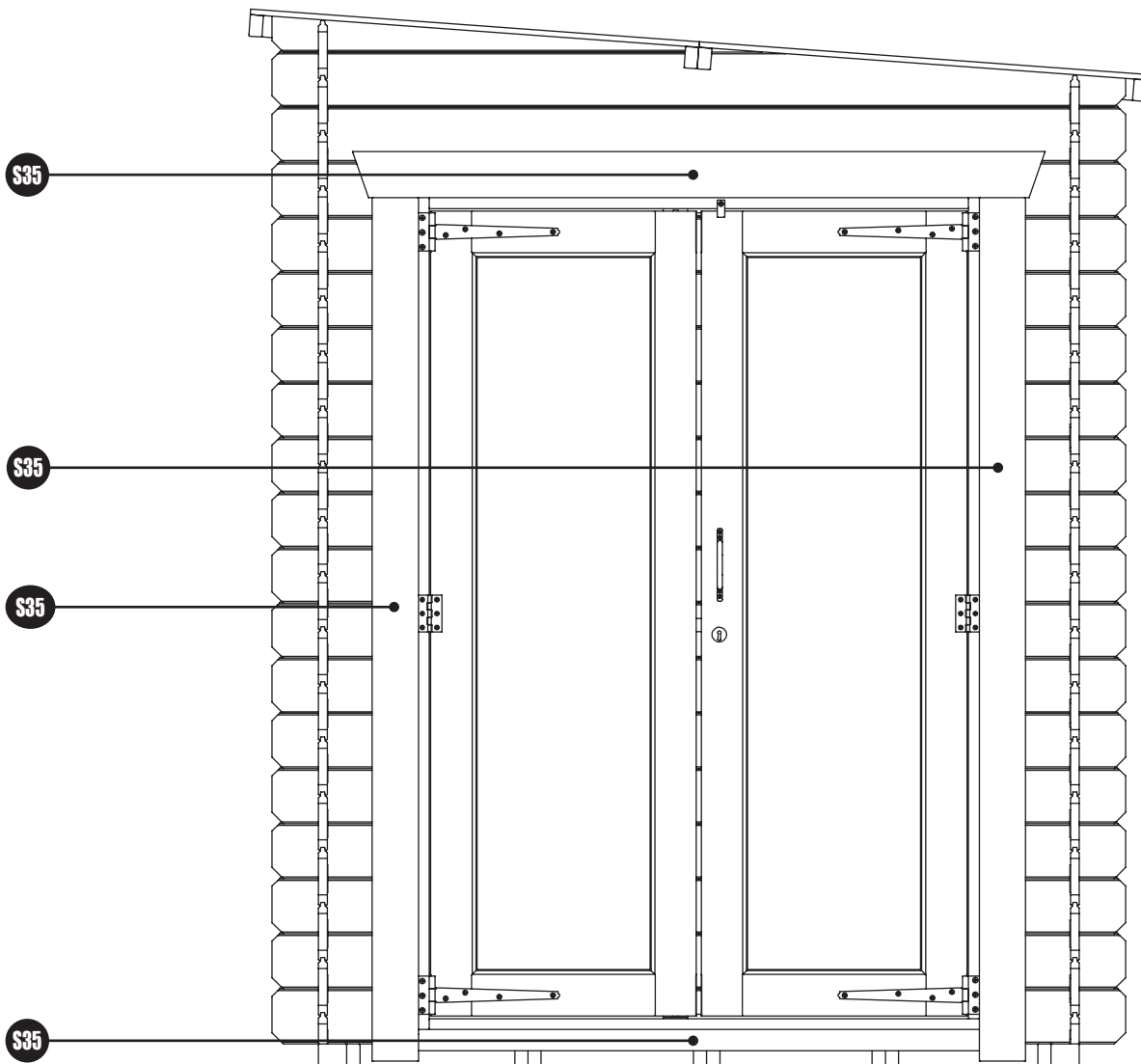


Step 18:

DOOR INSTALLATION

- Once external fascias have been fitted, offer door up to the opening as shown.
- Make sure door is positioned centrally, resting on the last tanalised bearers on the floor within the opening.
NOTE: THERE WILL BE A GAP EITHER SIDE TO ALLOW FOR MOVEMENT OF LOGS.
- If door is on side of cabin, rest door on the half log.
- Secure the door to the walls using 7x S35 evenly spaced.
- Internal fascias can be installed at this point. These are fixed to the door frames only. Do not attach to the logs. *(See Step 14 & 15 For Reference)*

NOTE: DOORS DO NOT HAVE AN INTERNAL LOWER FASCIA.



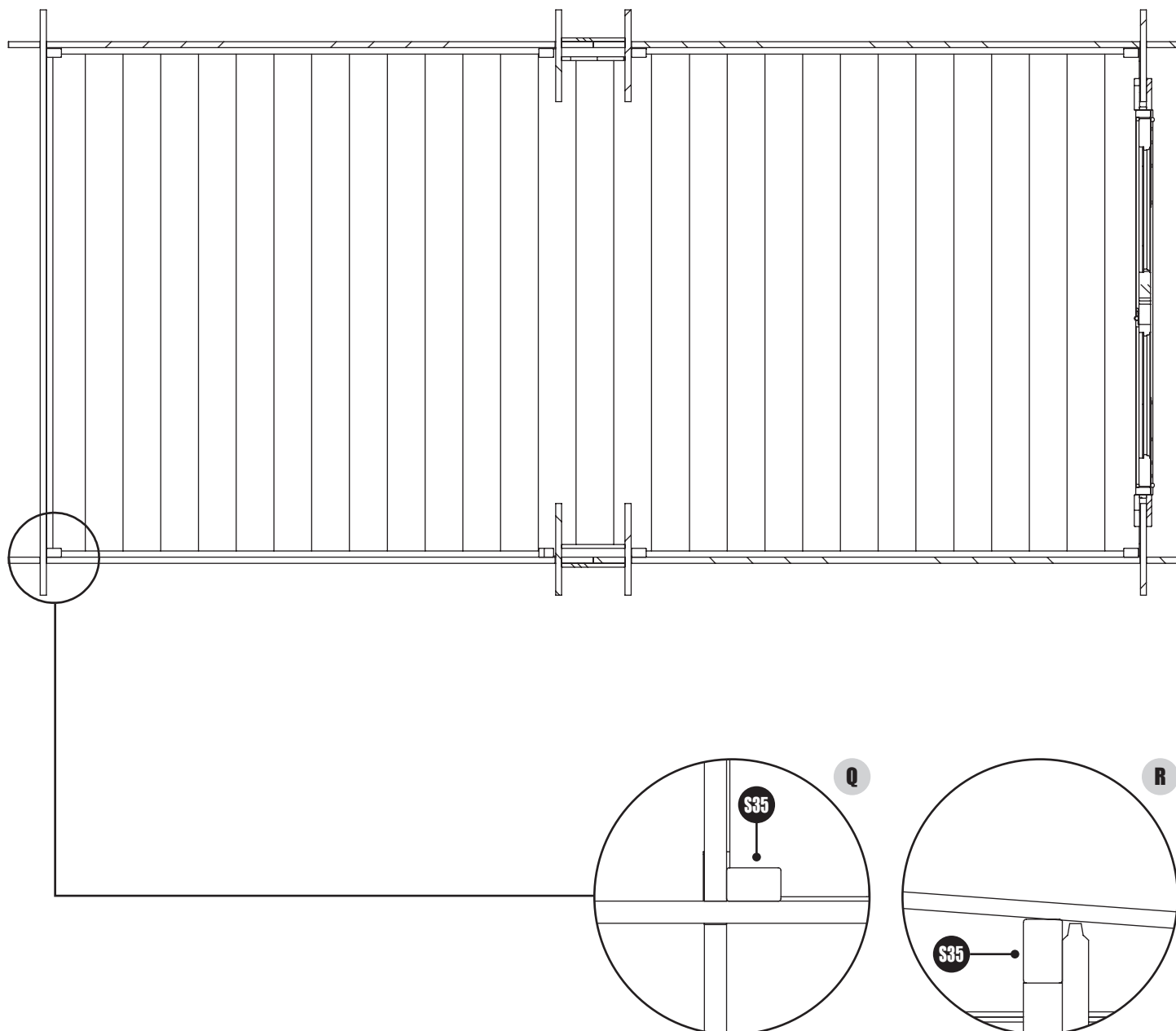
Ongoing: As timber is a natural product, any log or board can expand and contract. This may cause slight gapping in the log cabin which can be rectified by un-screwing and re-screwing fascia boards on the doors and windows outlined in stages 17 & 18 over the course of the year.

Step 19:

INTERNAL FIXINGS

(MODULE PACKS: H & Z/BB)

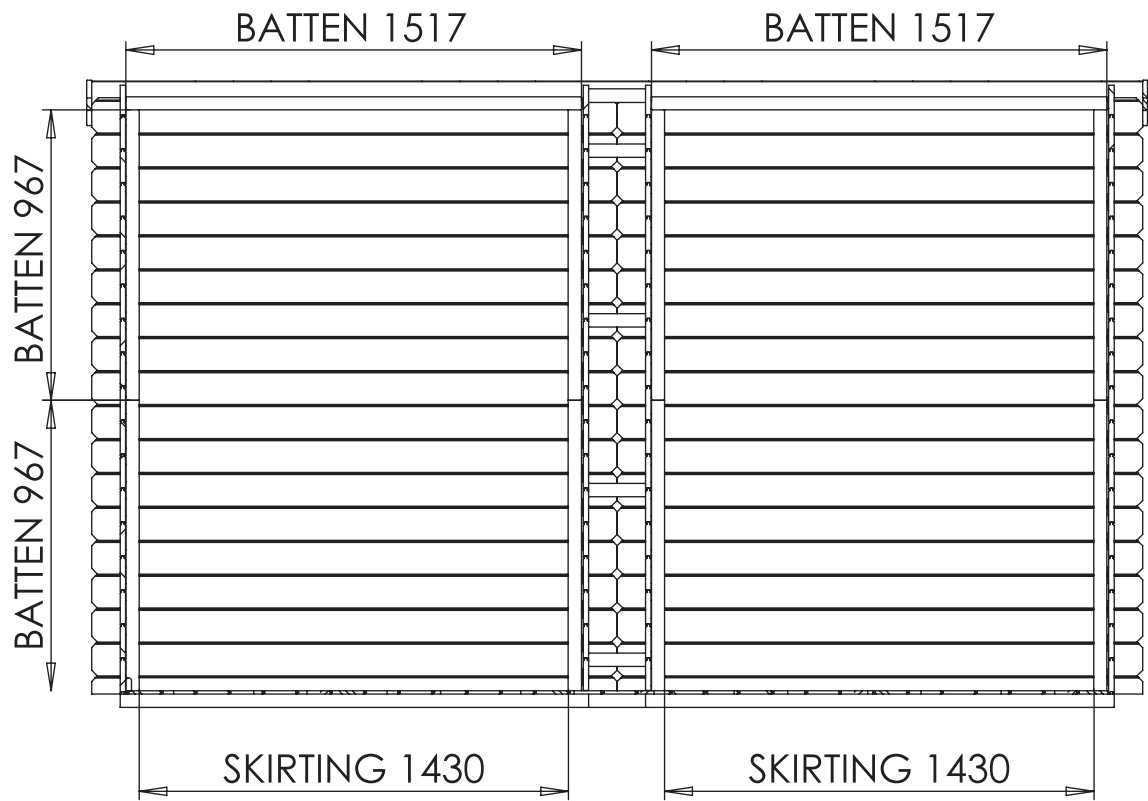
- Secure roof battens in place as shown using 2x S35 per batten. **(Detail Q)**
- Secure corner battens in place as shown. **(Detail R)**. Battens in 2 pieces so need to be butted together.
- Secure battens to side walls using 4x S35 per corner (x2 per batten)
- Secure side skirting as shown using 3x S35 equally spaced per skirting piece.
 - 6x6, 12x6 & 18x6 Models – Skirting @ 1430mm (x2, x4, x6)
 - 8x6, 10x6 & 14x6 Models – Skirting @ 1430mm (x0, x2, x2) & 830mm (x4, x2, x4)
- Secure gable skirting (1467mm) using 3x S35 equally spaced per skirting piece.



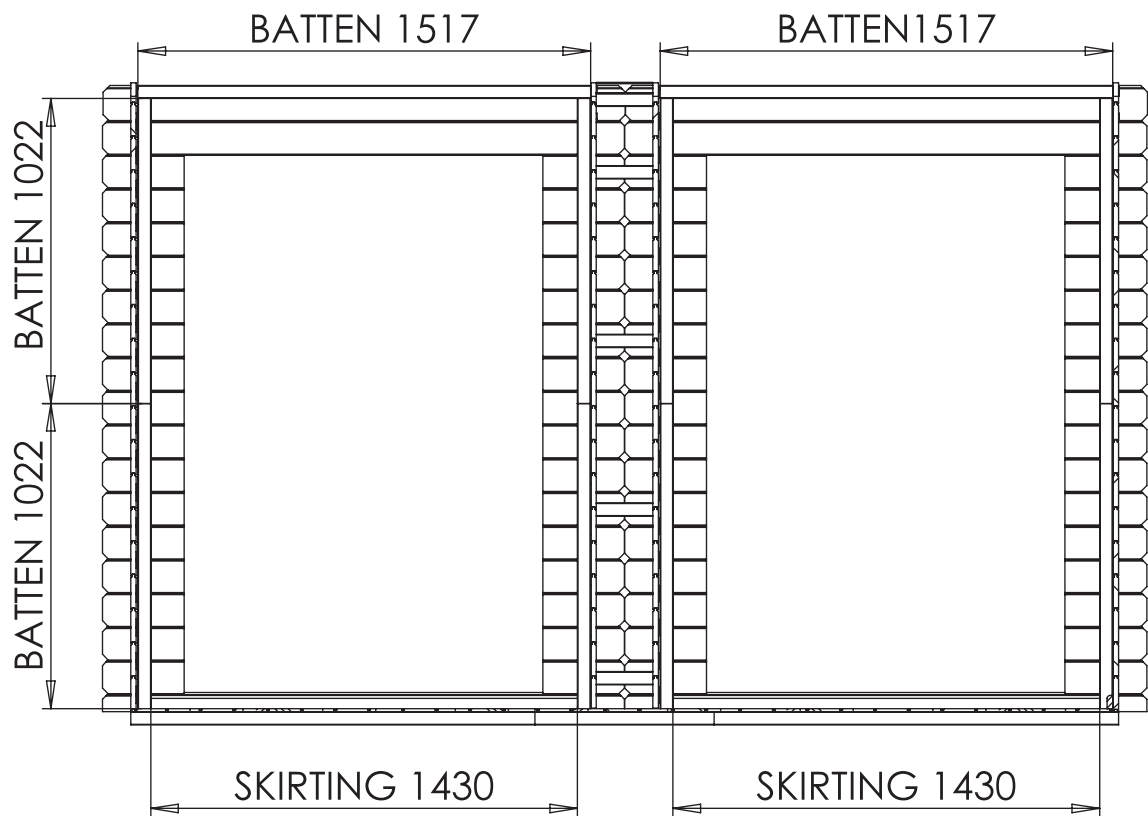
ROOF PANELS, DOORS & WINDOWS REMOVED FOR CLARITY:

Roof battens in place - 2 places - Floor skirting in place - 2 places

LOW SIDE INTERNAL



HIGH SIDE INTERNAL

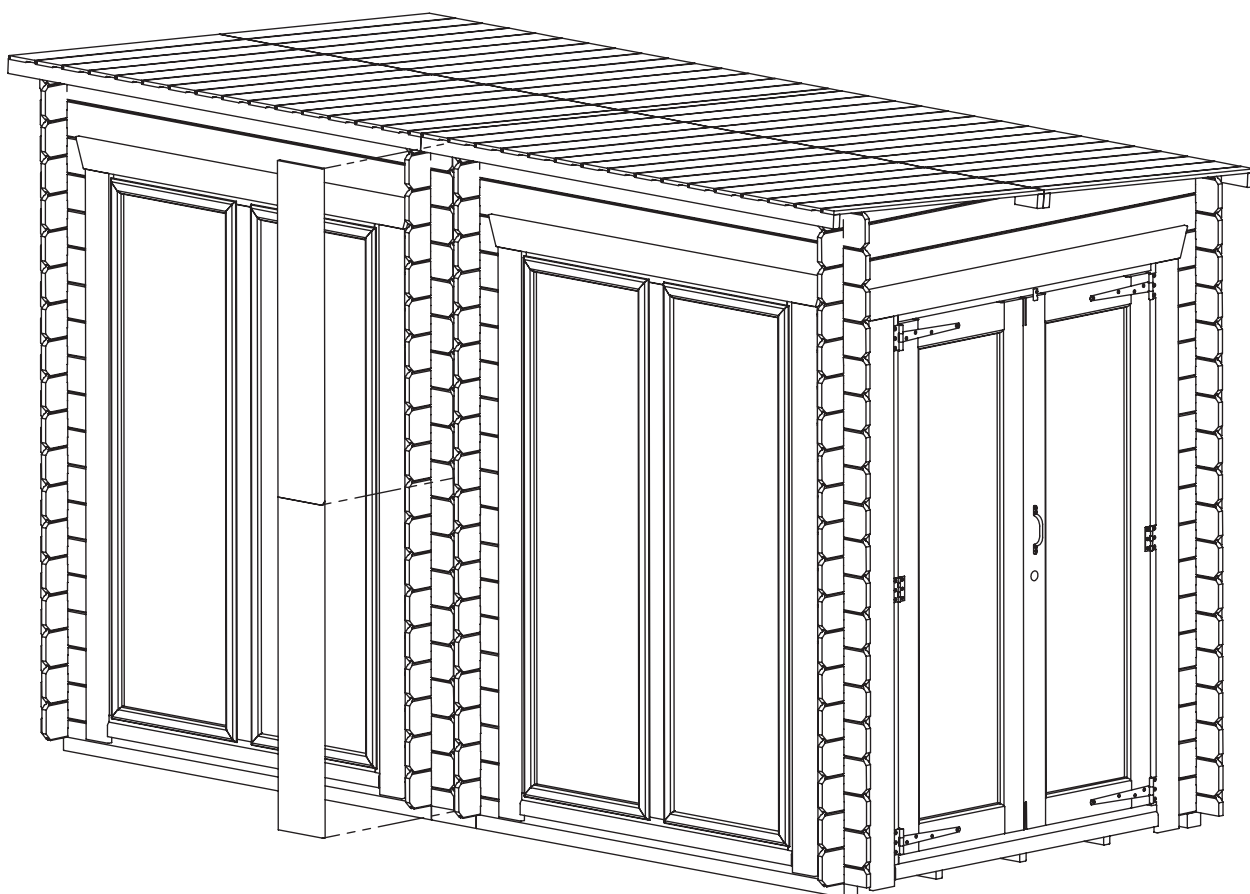


Step 20:

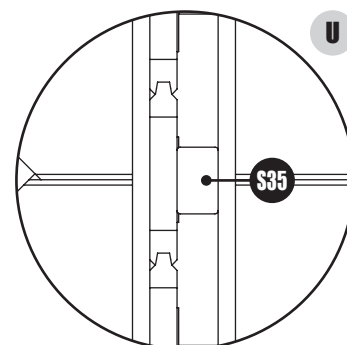
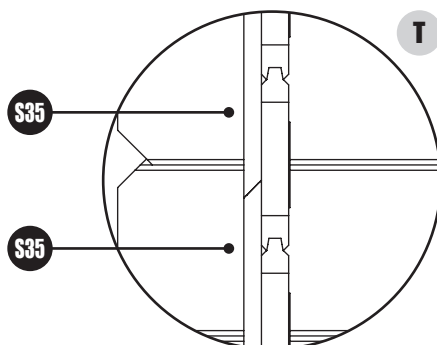
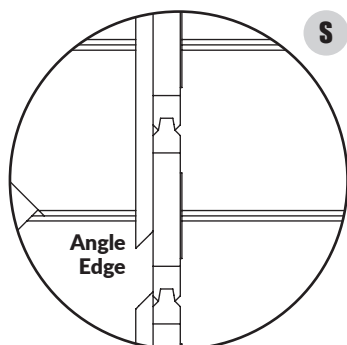
JOINTING FASCIA BOARDS

(MODULE PACKS: N & P*)

- Secure jointing fascias internally & externally as shown between the side module joins. Module Packs P to be used on the high side.
- Butt top fascia flush with roof and secure in place using 4x S35.
NOTE: ANGLE EDGE MUST BE AS SHOWN TO STOP WATER INGRESS. (Detail S)
- Butt bottom fascia board against top fascia board as shown and secure in place using 4x S35. (Detail S & T)
- Repeat for internal fascia boards and remaining exterior fascia board. Secure into 190mm spacers. (Detail U)
***(No N or P packs supplied with 6x6 Models)**



Ongoing: As timber is a natural product, any log or board can expand and contract. This may cause slight gapping in the log cabin which can be rectified by un-screwing and re-screwing jointing fascia boards over the course of the year.

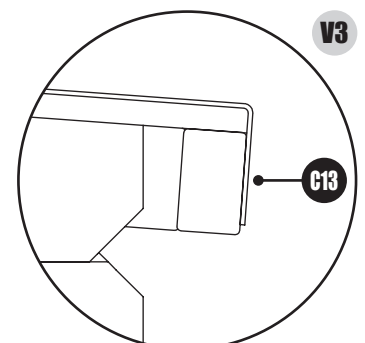
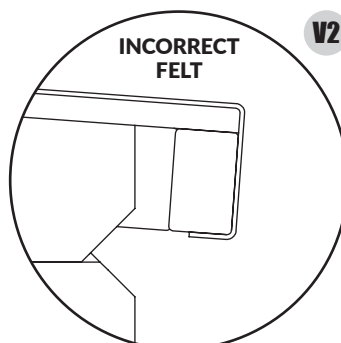
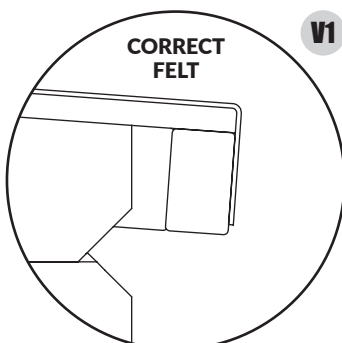
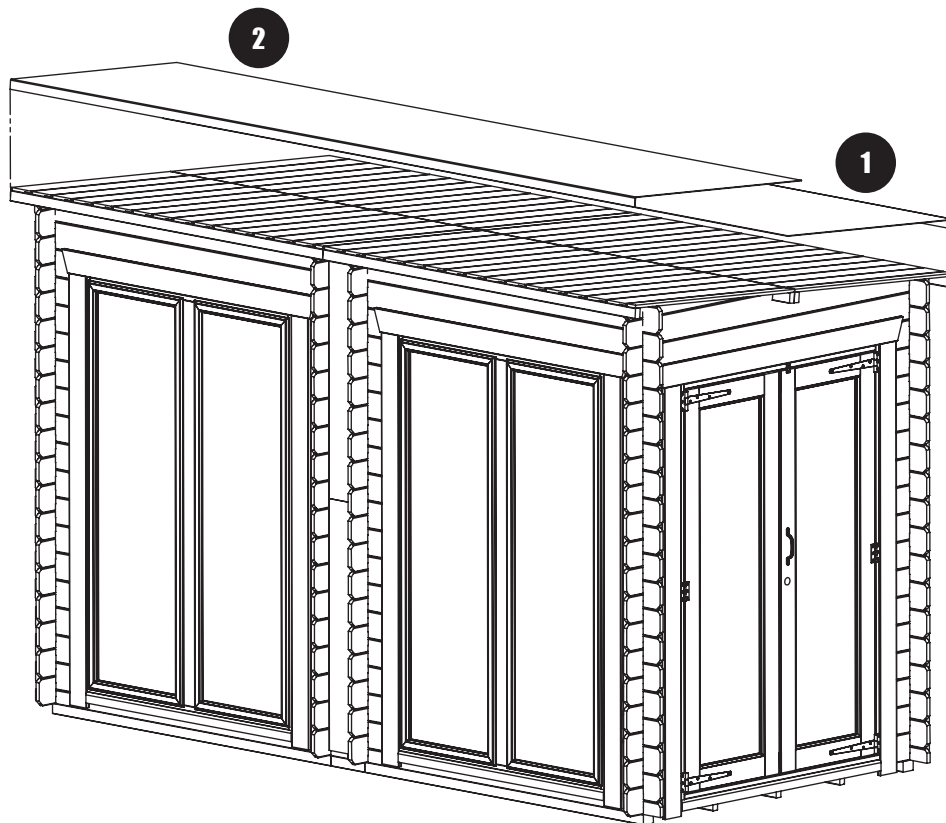


Step 21:

FELTING THE ROOF

(MEASURE AND CUT BEFORE INSTALLING THE FELT)

- Roll felt out onto a clean flat surface 30 minutes before you need it so it has a chance to flatten out.
- Measure length of roof and allow 75mm overhang at each end. Cut each strip of felt to size. Use a straight edge to guide cutting.
- Roll cut felt piece along low side of roof, Section 1, leaving sufficient overhang to fold down onto roof edge.
NOTE: DO NOT FOLD UNDERNEATH ROOF. (Detail V1 & V2)
- Once felt is rolled out, fix to roof using CN13 at approx. 100mm intervals. **(Detail V3)** Ensure the felt is tight, then secure the top side of felt using CN13 at approx. 100mm intervals.
- Repeat for remaining felt, working from the low side of roof to the high side, overlapping the felt by 75mm until the roof is fully covered.
- Fold the overhanging felt at ends under roof panel and tack in place.

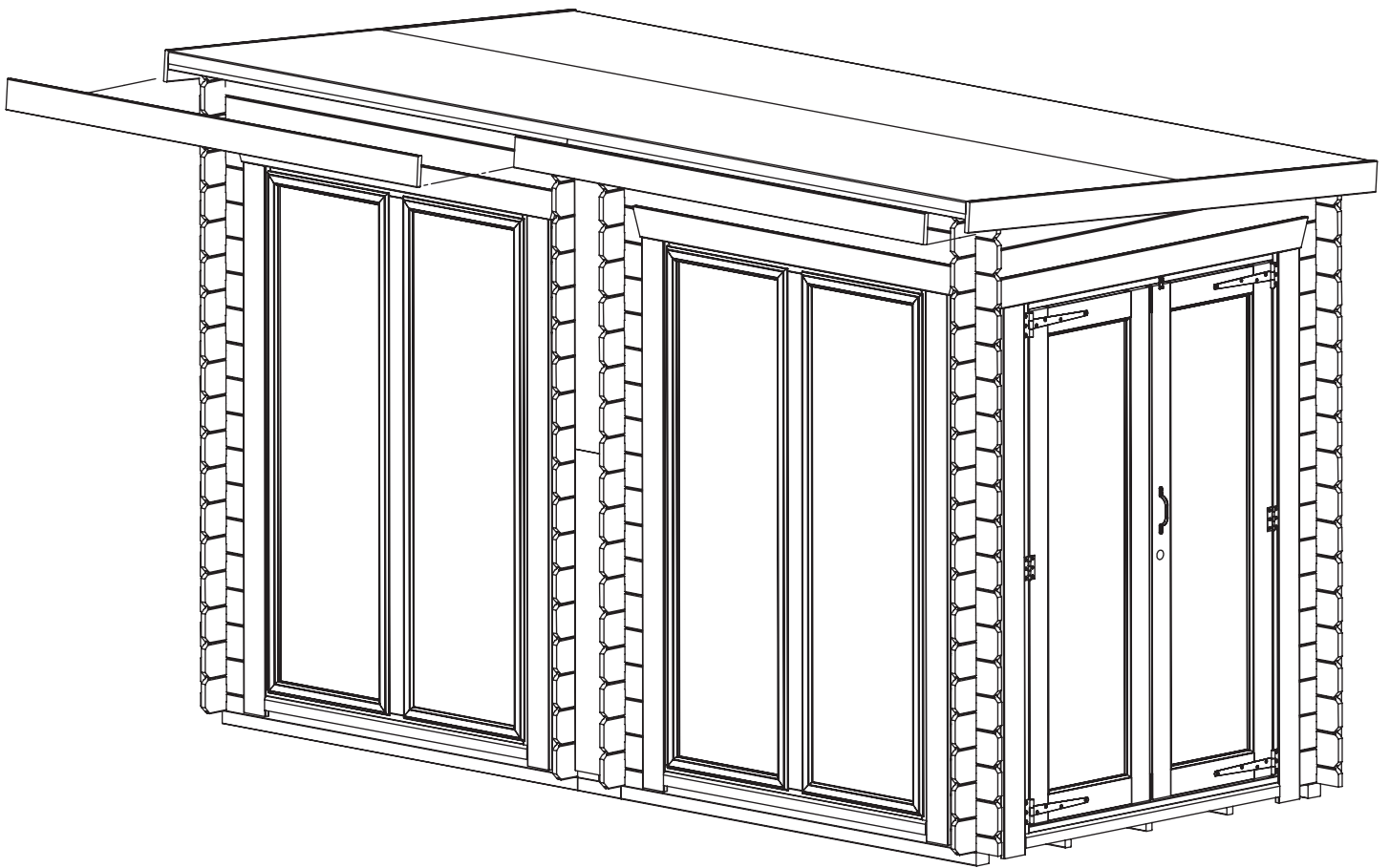


Step 22:

BARGEBOARDS & FINIAL

(MODULE PACKS: S & Z/BB)

- Fit barge boards to the roof panels, trapping overhanging end of the felt in between the roof panel and fascia board. Secure using 3x N40 per barge board.
- Barge boards may need trimming.
NOTE: THERE ARE NO BARGEBOARDS SUPPLIED FOR LOW SIDE OF ROOF.
- Secure finial over the top of the barge boards using 2x N40 per finial. (Optional)





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