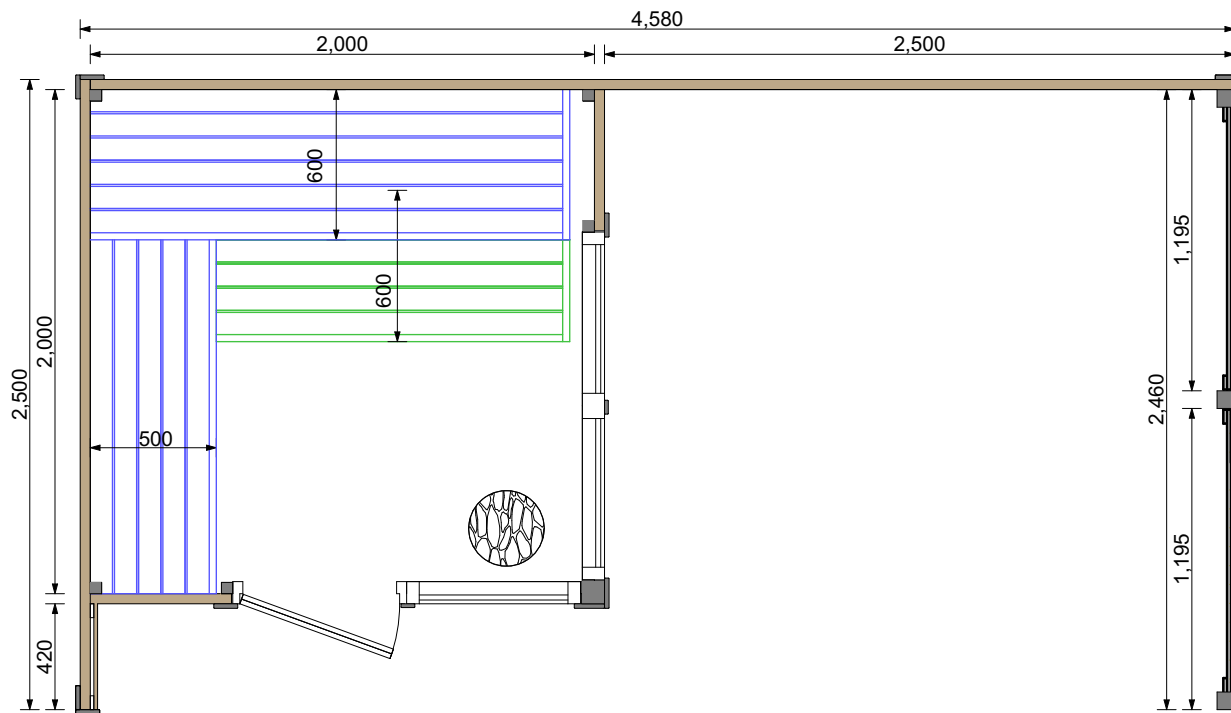
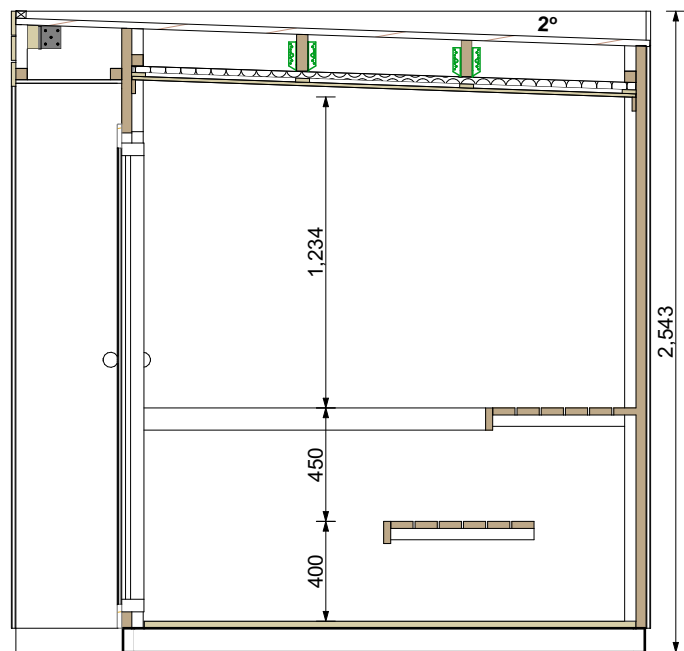
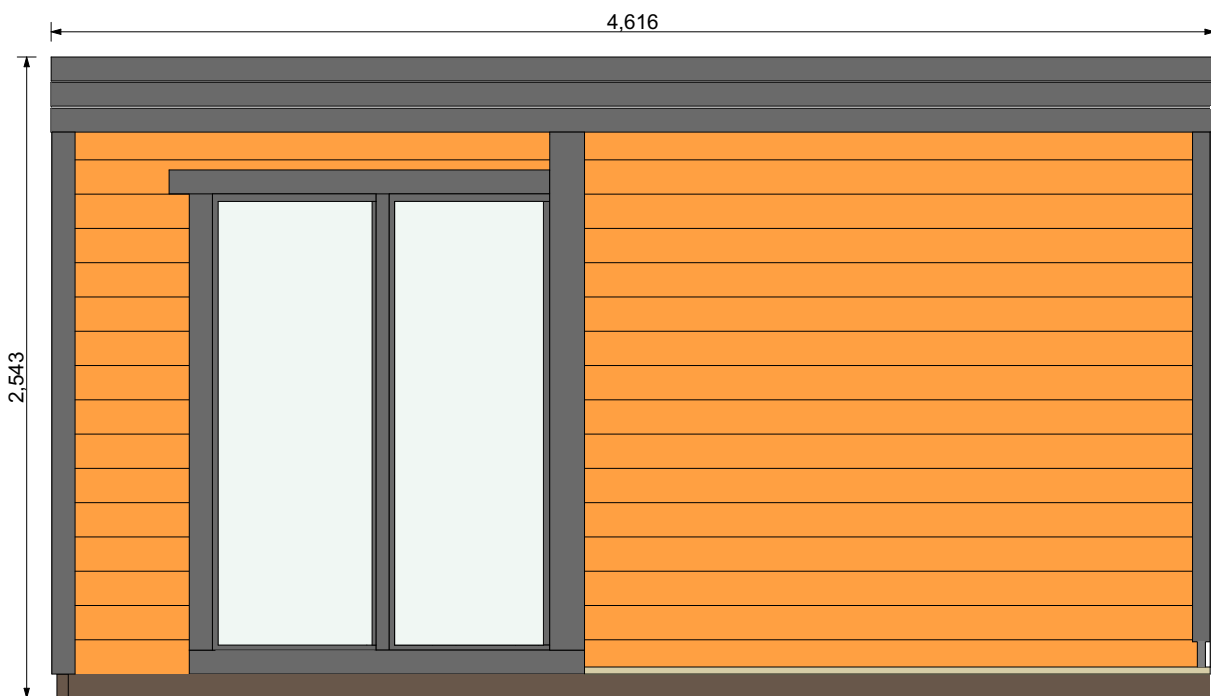


Patio S Plus Sauna





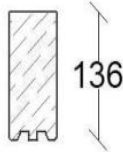
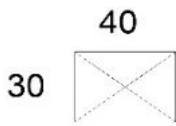
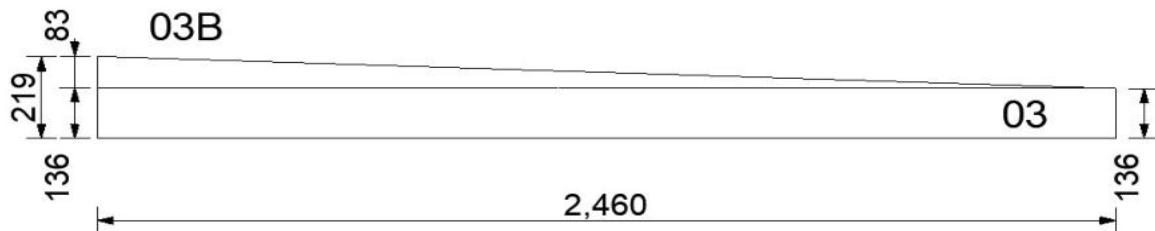
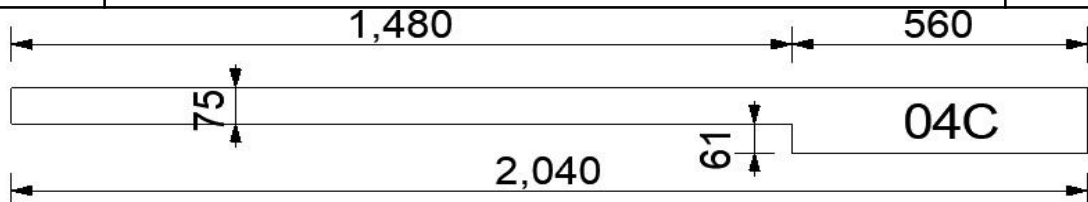
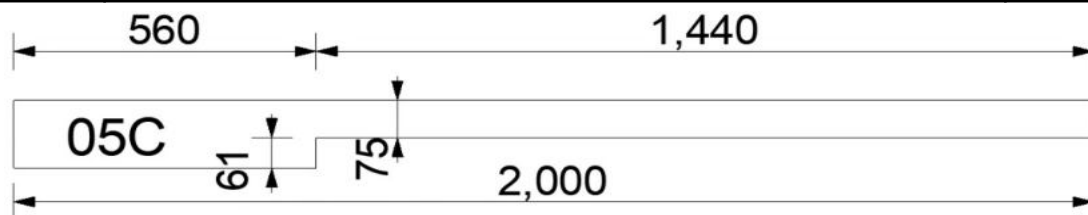
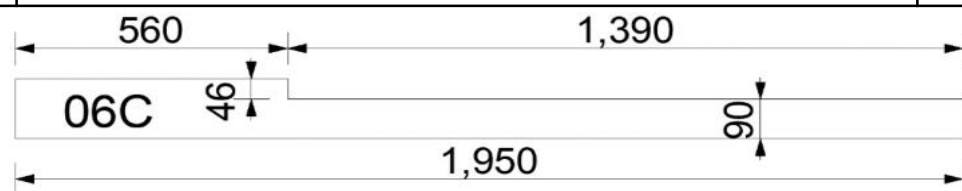
Patio S PLUS

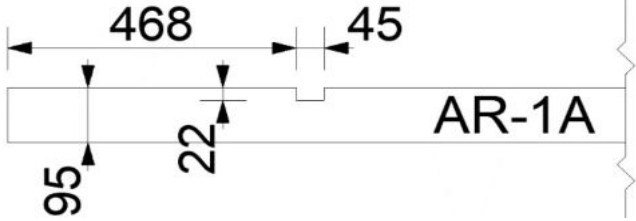




PATIO S PLUS				
Marking		Note	Lenght	pcs
P-1	90x90 POST	0415.bvn	2372	1
P-2	70x70 POST	0415.bvn	2184	2
P-3	70x70 POST	0415.bvn	2160	1

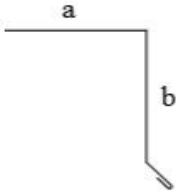
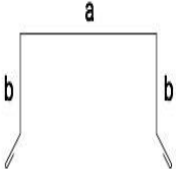
PATIO S PLUS				
Marking		Note	Lenght	pcs
01	40x146 WALL LOG		4540	16
EXTRA	40x146 WALL LOG		4540	1
BLOCK	40x146 WALL LOG	Block 40x30 for Roof	4540	1
01B	40x146 WALL LOG	Width 136	4540	1
02	40x146 WALL LOG		2500	17
02B	40x146 WALL LOG	Width 136	2500	2
03	40x146 WALL LOG		2460	2
03B	40x146 WALL LOG	Width 68, roof	2460	1
04	40x146 WALL LOG		2040	1
04C	40x146 WALL LOG	Window cutout	2040	1
05	40x146 WALL LOG		2000	2
05B	40x146 WALL LOG	Width 68	2000	1
05C	40x146 WALL LOG	Window cutout	2000	1
06C	40x146 WALL LOG	Window cutout	1950	2
07	40x146 WALL LOG		560	26
	HAMMER BLOCK			2

PATIO S PLUS				
CUTOUT DRAWINGS				
01B		Width 136	4540	1
02B			2500	2
05B		Width 68 "Half log"	2000	1
BLOCK		Block 40x30 for Roof	4540	1
03B	Roof Gable		2460	1
				
04C	Window cutout		2040	1
				
05C	Window cutout		2000	1
				
06C	Window cutout		1950	2
				

PATIO S PLUS				
Marking		Note	Lenght	pcs
AR-1A	45x95 FLOOR FRAME	Cutout (drawing)	4575	1
				
AR-1	45x95 FLOOR FRAME		4575	1
AR-2	45x95 FLOOR FRAME		2405	14
AR-3	45x95 FLOOR FRAME		1980	2
AR-4	45x95 FLOOR FRAME		756	1
AR-5	45x95 FLOOR FRAME		380	1
AR-6	45x70 FLOOR FRAME	45x70!	1980	1
PATIO S PLUS				
KL-1	24x120 ROOF BOARD		2527	41+2
PL-1	24x120 FLOOR BOARD		1527	18+2
PL-2	24x120 FLOOR BOARD		438	18+2
TR-1	28x120 TERRACE BOARD		4560	4+2
TR-2	28x120 TERRACE BOARD		2520	17+2
VS-1	GRID WALL 1120x1990	DRAWING!		2
		15x55	1990	4
		15x55	1120	29
T-1	45x145 BEAM	45x145	2450	3
T-2	45x145 BEAM	45x145	1990	2
T-3	45x95 BEAM/ OUTSIDE FRAMING	45x95	2450	1
T-4	45x95 BEAM/ OUTSIDE FRAMING	45x95	1990	1
T-5	45x45 BEAM FOR OUTER LINING BOARDS		2460	1
T-6	45x45 BEAM FOR OUTER LINING BOARDS		2430	1
P-4	45x45 CORNER POST		2375	1
P-5	45x45 CORNER POST		2310	2
T-7	45x45 BEAM FOR OUTER LINING BOARDS		2000	1
UR-1	45x45 DOOR/ WINDOW FRAME		1950	2
T-8	45x45 BEAM FOR INNER LINING BOARDS		1910	1
T-9	45x45 BEAM FOR INNER LINING BOARDS		1905	1
UR-2	45x45 DOOR/ WINDOW FRAME		1380	4
T-10	45x45 FRAME FOR ROOF MOULDINGS		175	8

PATIO S PLUS				
Marking		Note	Lenght	pcs
L-0	18x120 CORNER MOULDING	18x120 OVERSIZE 30mm	2200	2
EXTRA	18x95 MOULDING/ TEMPORARY SUPPORT		4620	3
L-1	18x95 ROOF MOULDING		4620	3
L-2	18x95 ROOF MOULDING		2500	6
L-3	18x95 CORNER MOULDING	OVERSIZE 30mm	2480	2
L-4	18x95 CORNER MOULDING	OVERSIZE 30mm	2180	4
UL-1	18x95 DOOR MOULDING		1830	2
UL-2	18x95 DOOR MOULDING		1540	2
UL-3	18x95 DOOR MOULDING		1460	2
UL-4	15x55 DOOR MOULDING	15x55!	1830	2
DI-0	28x95 DISTANCE BOARD FOR OUTER LINING BOARDS	28x95	2444	3
DI-1	15x55 DISTANCE BOARD FOR LINING BOARDS		2130	2
DI-2	15x55 DISTANCE BOARD FOR SAUNA CEILING		1990	4
DI-3	15x55 BASE- AND CEILING BOARDS		~2.2	7+2
DI-4	45x45 CORNER MOULDING	45x45 NURGALIIST	~2.25	3+1
PATIO S PLUS				
STP-1	14x121 OUTSIDE LINING BOARDS		2460	23+2
STP-2	14x121 SAUNA LINING BOARDS		1990	19+2
STP-3	14x121 OUTSIDE LINING BOARDS		420	39+2
	SLOPE DETAIL UNDER FLOOR 3MM		1990	2
	SLOPE DETAIL UNDER FLOOR 6MM		1990	1
	SLOPE DETAIL UNDER FLOOR 9MM		1990	1
	SLOPE DETAIL UNDER FLOOR 12MM		1990	1

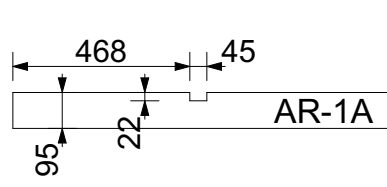
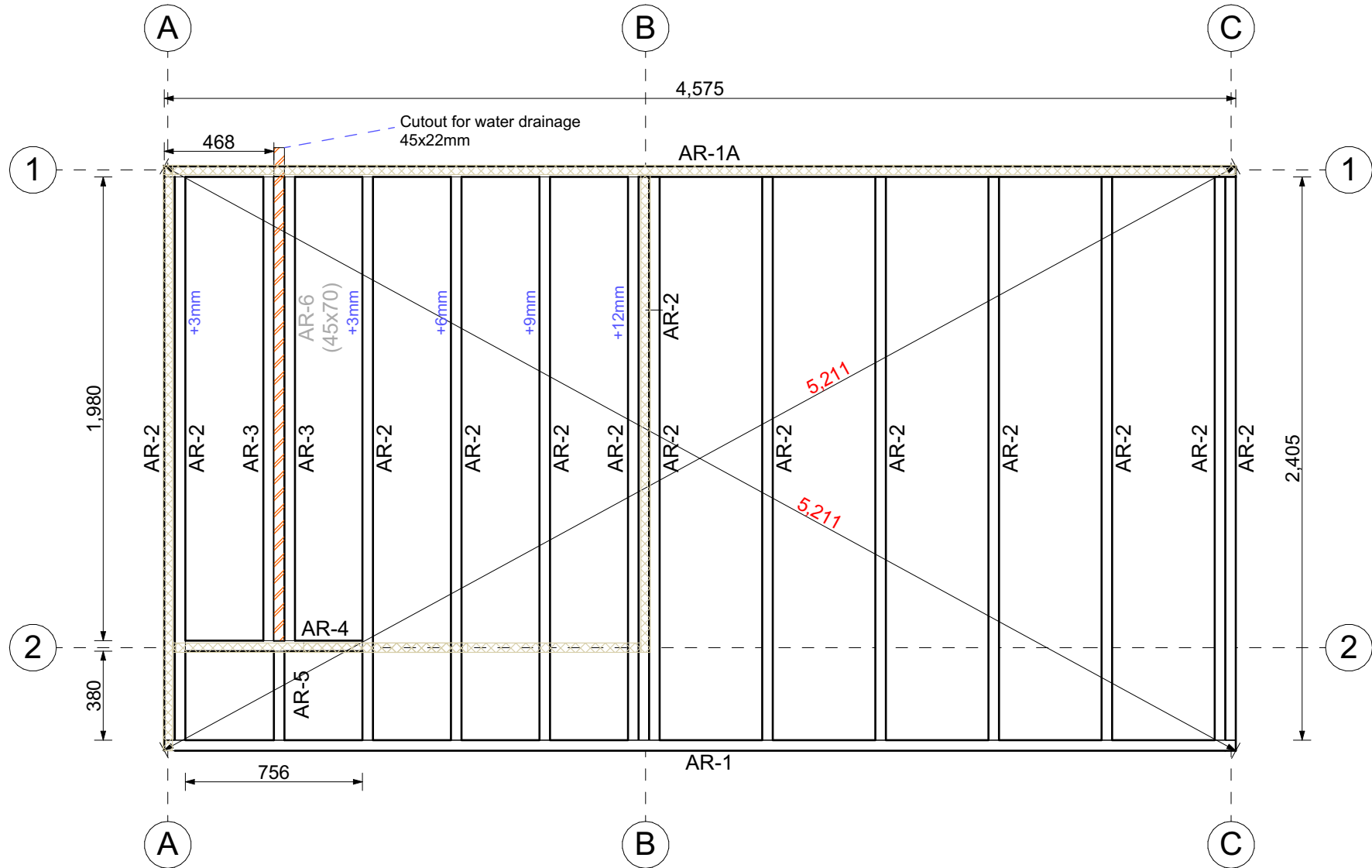
PATIO S PLUS				
Marking		Note	Lenght	pcs
	SAUNA BENCH 600x1874			1
	SAUNA BENCH 600x1874			1
	SAUNA BENCH 500x1400			1
	SAUNA BENCH SUPPORT SET 45x45			1
	SAUNA BENCH SIDE SET 1001x829mm + 3pcs 20mm adjustable legs			1
	GLASS DOOR 88x690x1860 BRONZE PREMIUM HANDLE	WITHOUT FRAME!		1
	WINDOW 88x690x1860 BRONZE	WITHOUT FRAME!		3
	SPU INSULATION 30x600x1200			6
	FOIL TAPE 10M			1
	WATER DRAINAGE DETAIL 20mm		2000+	1
Marking		Note	Lenght	pcs
	JOIST HANGER 45x123			10
	JOIST HANGER 45x97			4
	SLIDING BRACKET 35x35x130 FOR GRID WALL			6
	WASHER M5 FOR GRID WALL			6
	POST HEIGHT ADJUSTMENT			3
	SCREW 5x40 JOIST HANGERS			150
	SCREW 6x180 EVERY WALL LOG ROW			300
	SCREW 5x90 FOR FLOOR FRAME			200
	SCREW 4.5x70 WALLS AND SAUNA BENCHES			500
	SCREW 4,2x55 TERRACE BOARD/ ROOF MOULDINGS			500
	SCREW 3x40 DOOR- AND WINDOW MOULDINGS			200
	SCREW 3.5x50 FLOOR FRAME			300
	NAIL 40 LINING BOARDS			600
	NAIL 70 ROOF BOARDS			500
	VENTILATION LOUVER D100			1
	VENTILATION GRID D100 METAL			3

ROOF COVER				
	SCREWS FOR METAL ROOFING SHEETS		100	pcs
	EPDM ROOF COVER 4,8x3.05		14.64	m2
	EPDM GLUE 4l		1	pcs
	EPDM QUICKPRIME (little container)		1	pcs
	EPDM SPLICE TAPE		4600	1
	PAINT ROLLER+ HANDLE		1	pcs
	METAL ROOFING SHEET 2260mm			2
	METAL ROOFING SHEET		2700	2
	METAL ROOFING SHEET		2300	2

* Check floor frame diagonals

Floor frame

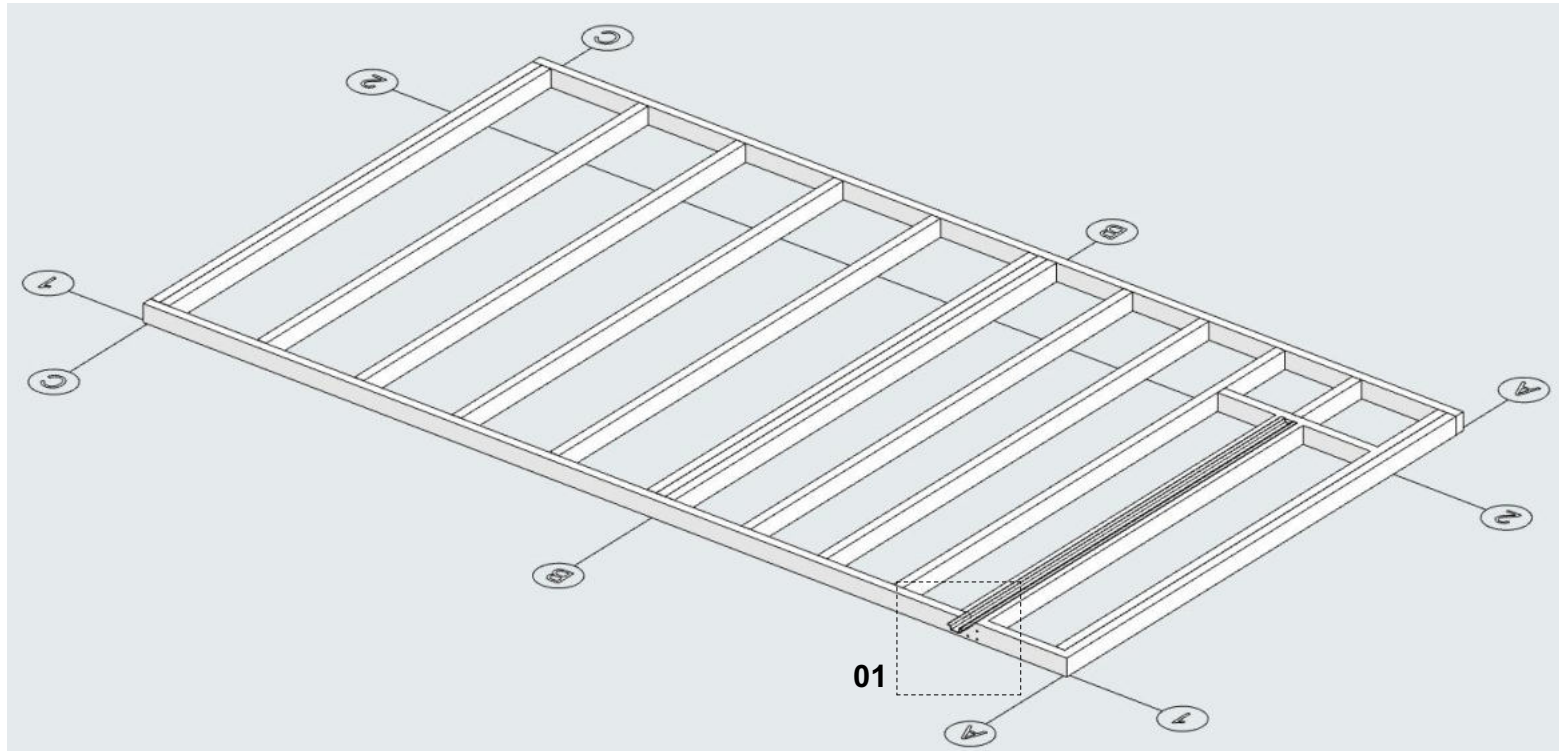
PATIO S PLUS



AR-1=4575mm	1pcs
AR-1A=4575mm	1pcs
AR-2=2405mm	14pcs
AR-3=1980mm	2pcs
AR-4=756mm	1pcs
AR-5=380mm	1pcs
AR-6=1980mm (45x70)	1pcs

Floor frame

PATIO S PLUS



*Use 90mm screws and battery drill

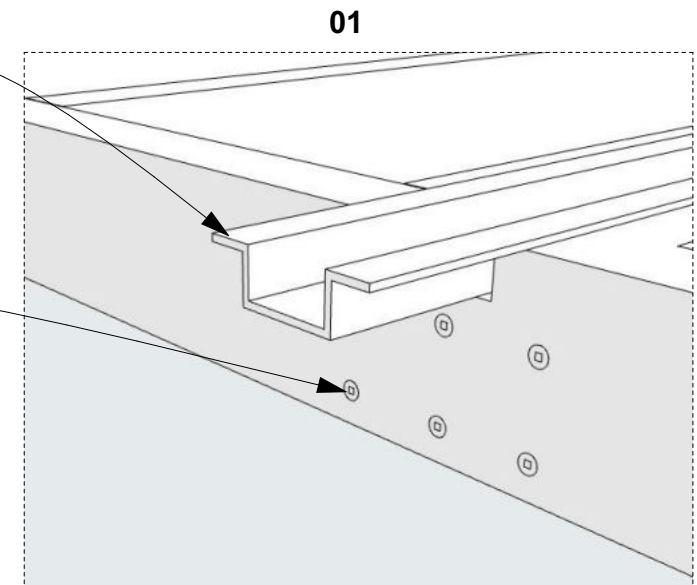


*Install water drainage detail before first log wall row

Water drainage detail

Screws 90mm

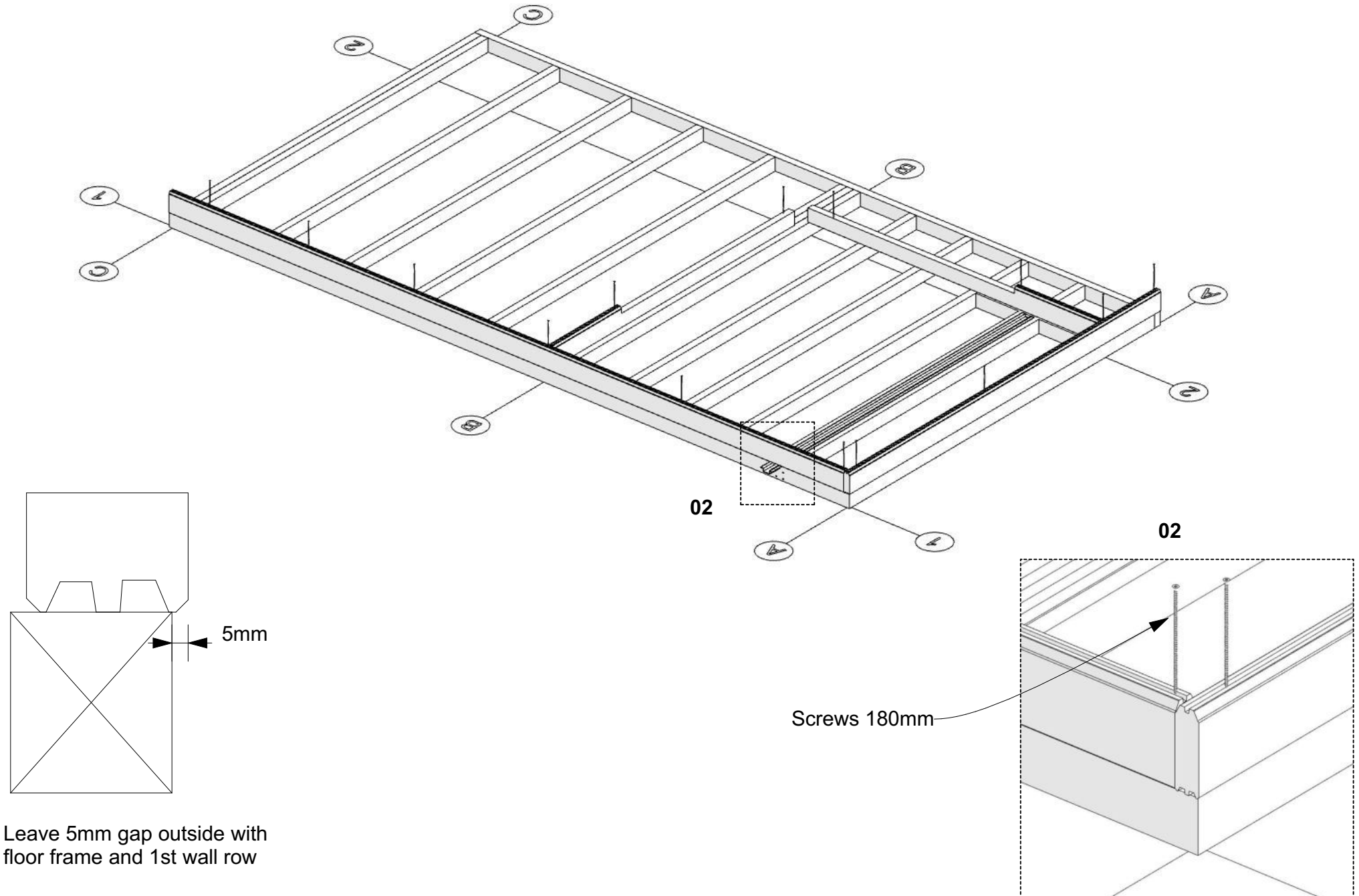
Take care! Sharp edges!



First log row

PATIO S PLUS

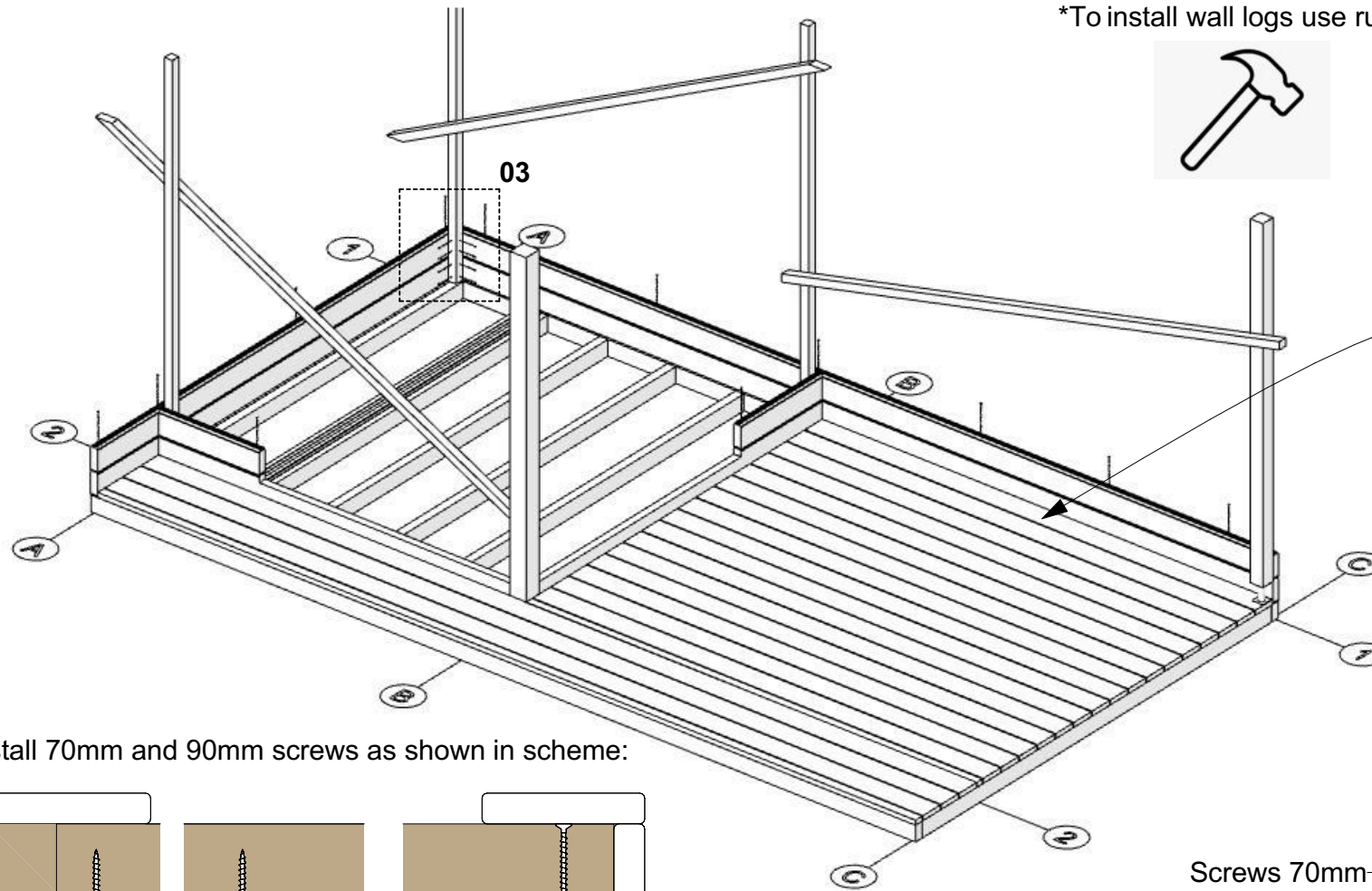
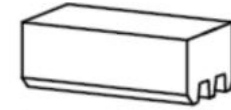
Fix first log wall row to the floor frame with 180mm screws (Suggestion: drill hole before inserting the screws)



POSTS

PATIO S PLUS

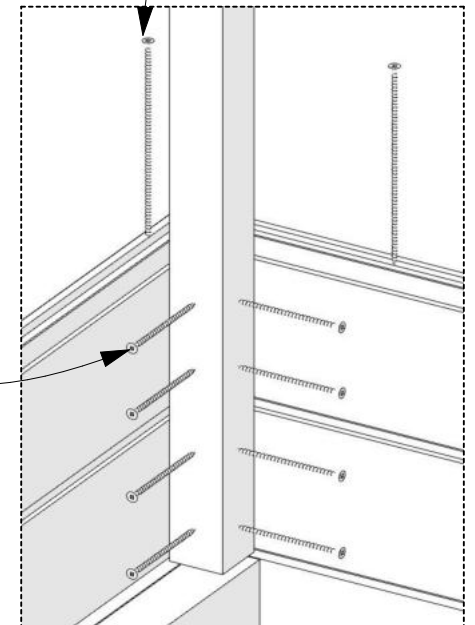
*To install wall logs use rubber hammer and hammer block



Attach terrace boards to install posts (70x70)

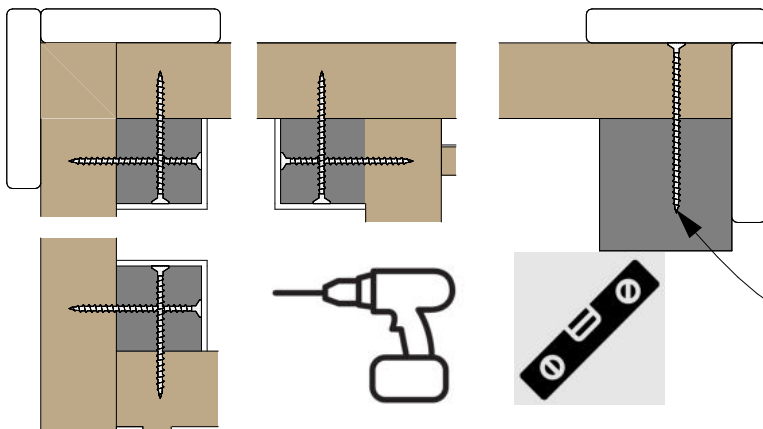
Screws 180mm

03



Screws 70mm

*Install 70mm and 90mm screws as shown in scheme:



Screws 90mm (Only Corner Post P-2)

Use temporary supports to level the walls

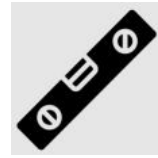
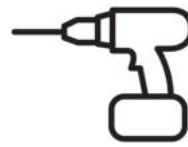
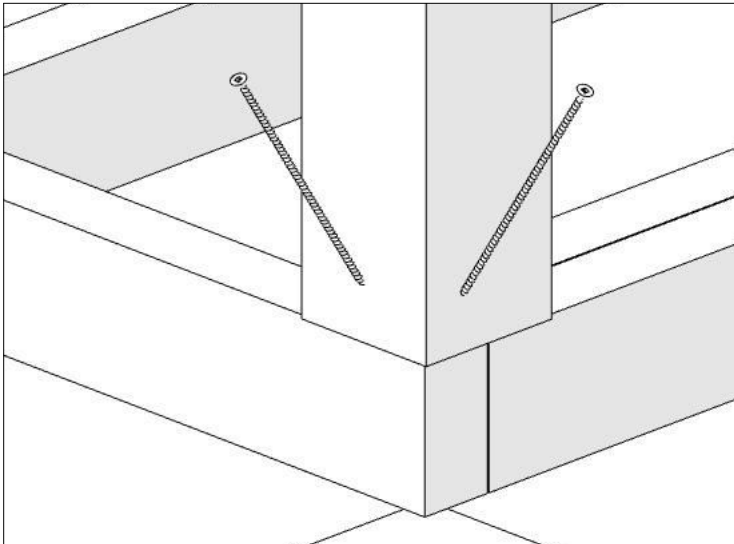
* Use level tool and battery drill to fix walls to posts

*2 pcs 70mm screws per wall log/ post connection

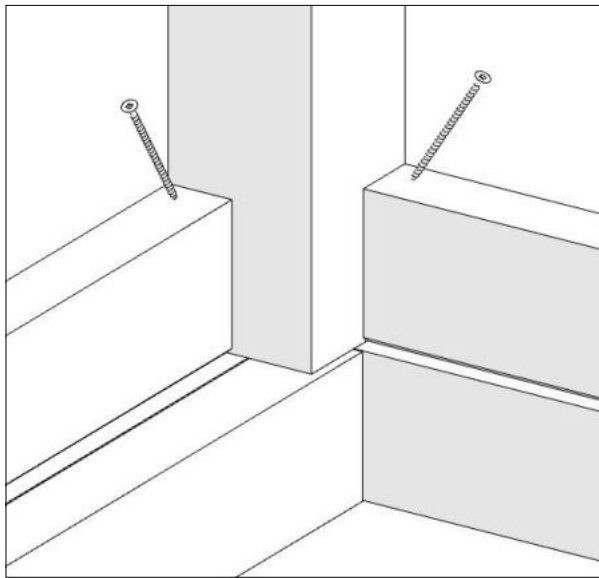
* USE 180mm SCREWS IN EVERY LOG WALL ROW!

Corner Post P-1

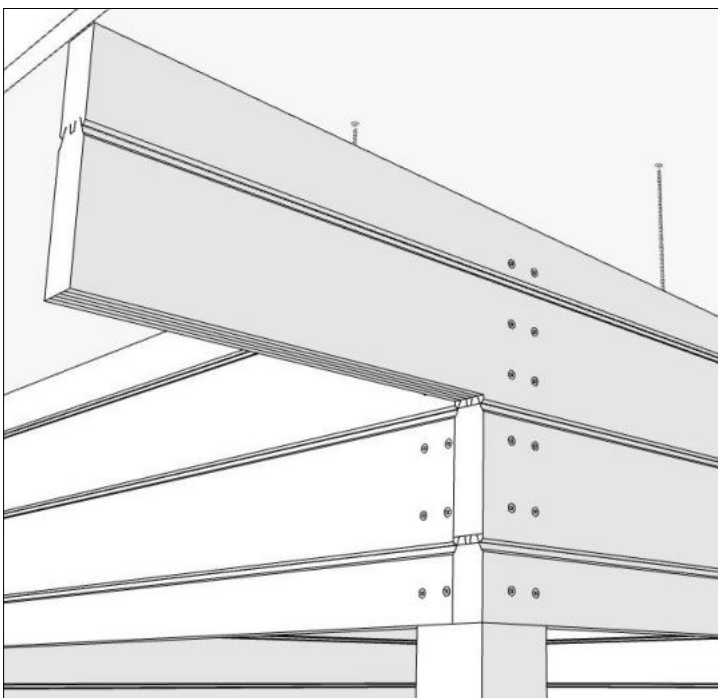
PATIO S PLUS



Fix the Corner post to the Floor frame with 180mm screws .
Install the screws on an angle and use level tool to level the corner post.

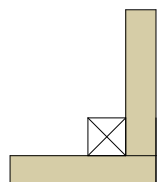
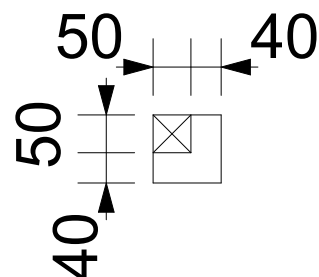


Fix the first log wall row with the Corner Post with 70mm screws.
Install the screws on an angle and use level tool to level the corner post.



Fix the last 3 rows with the Corner post with 70mm screws. (will be covered with moulding later)

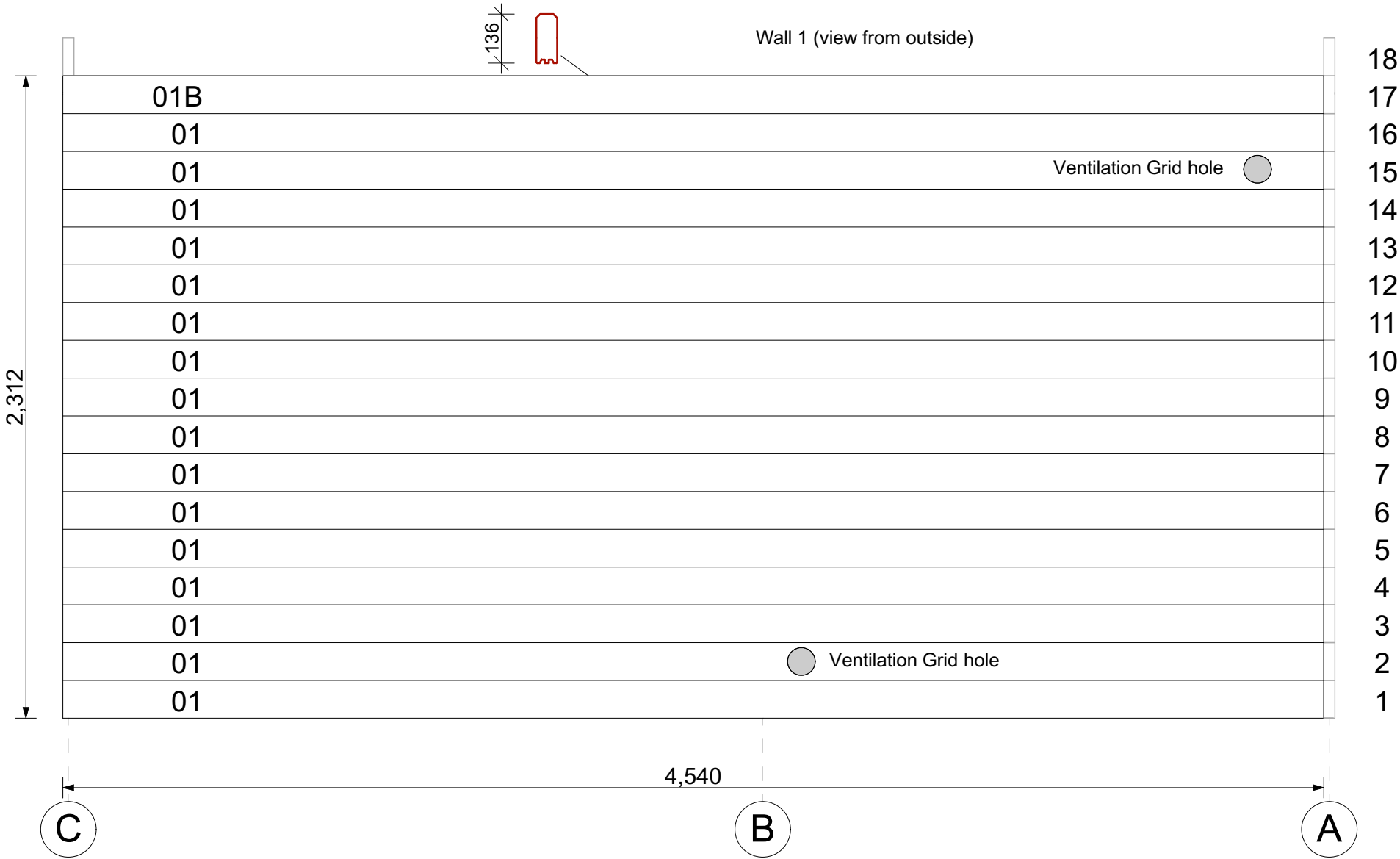
Corner post:



Fix every wall log vertically with 180mm screws

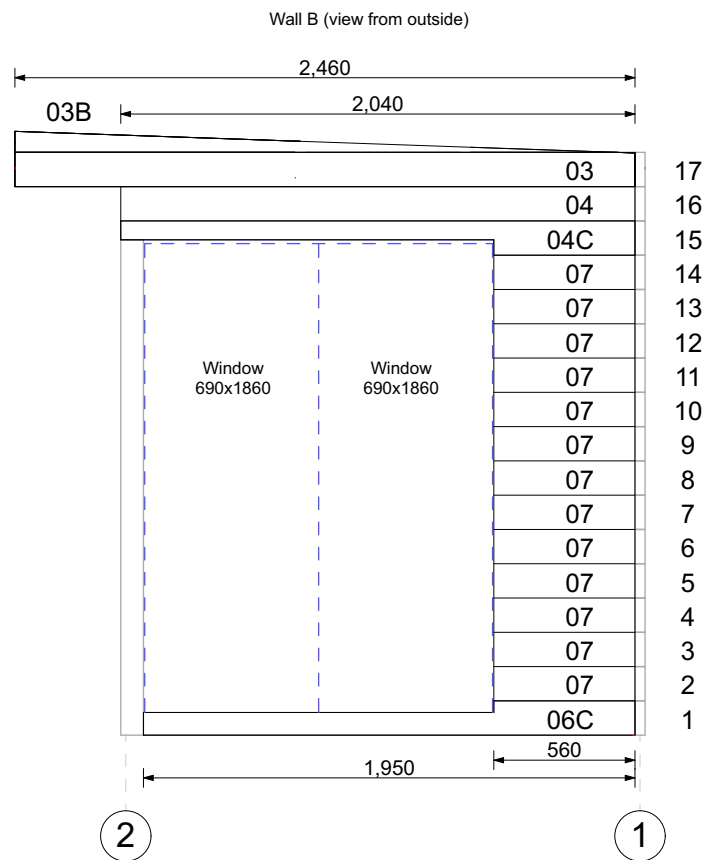
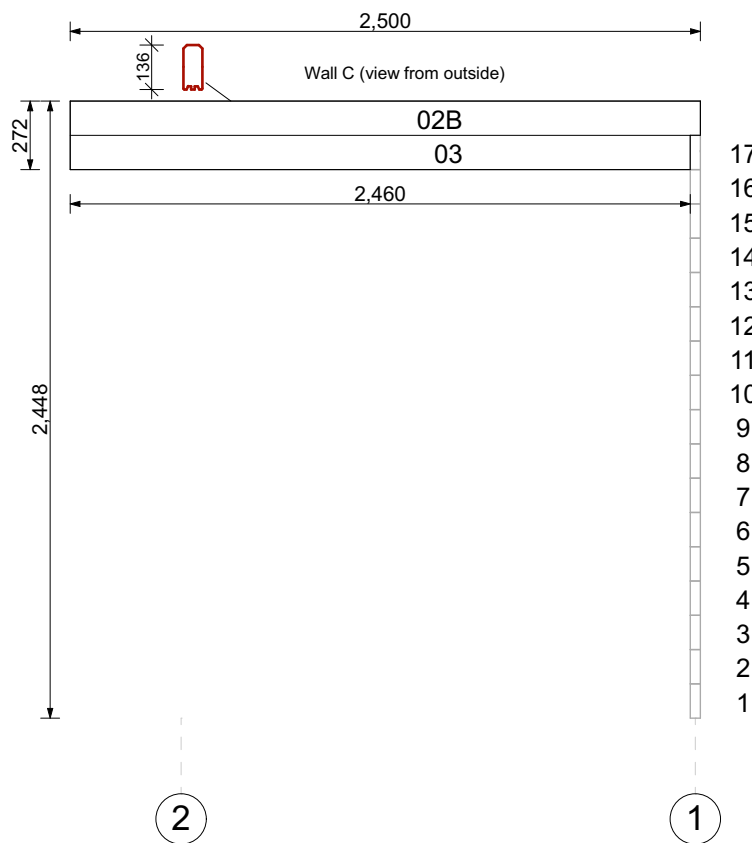
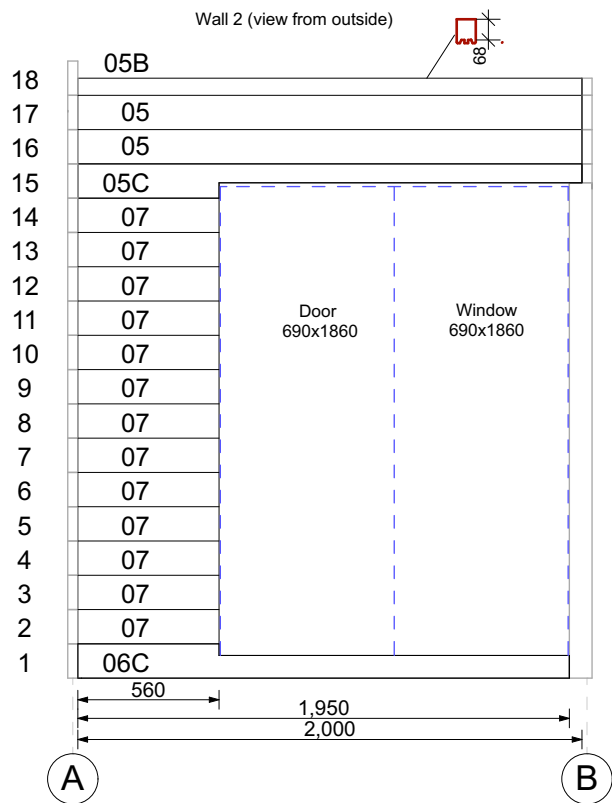
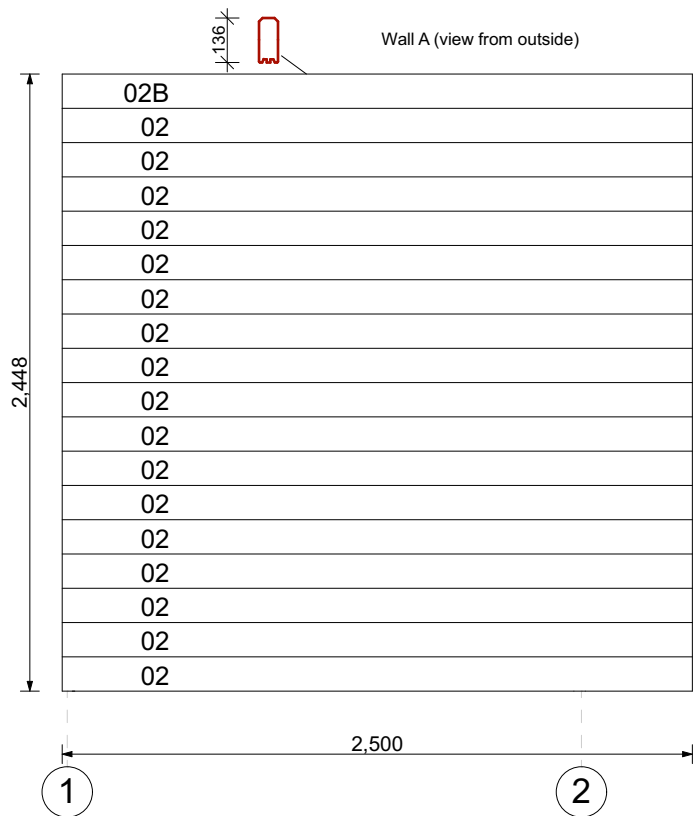
Wall layouts

PATIO S PLUS



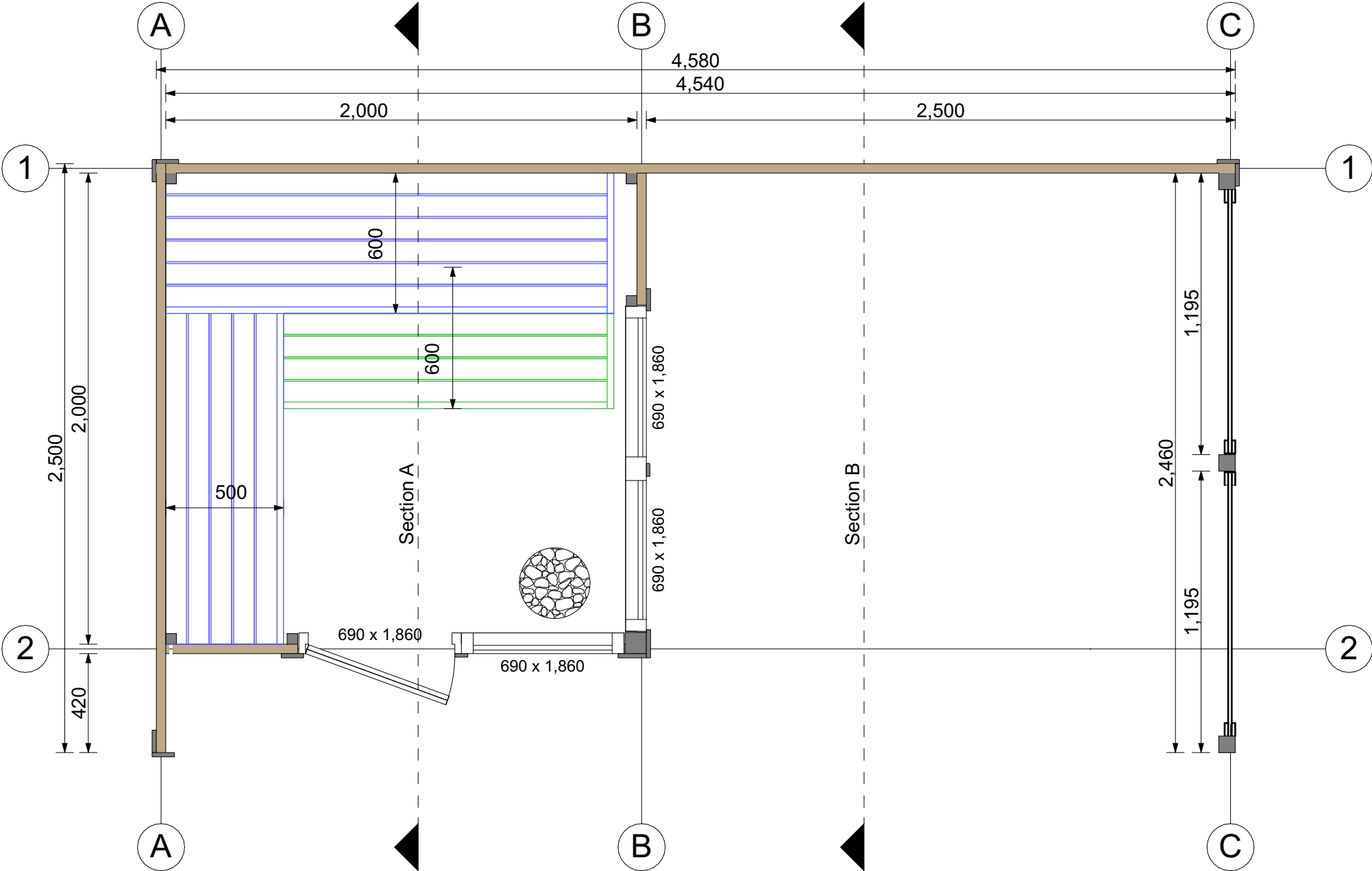
Wall layouts

PATIO S PLUS



Main Floor

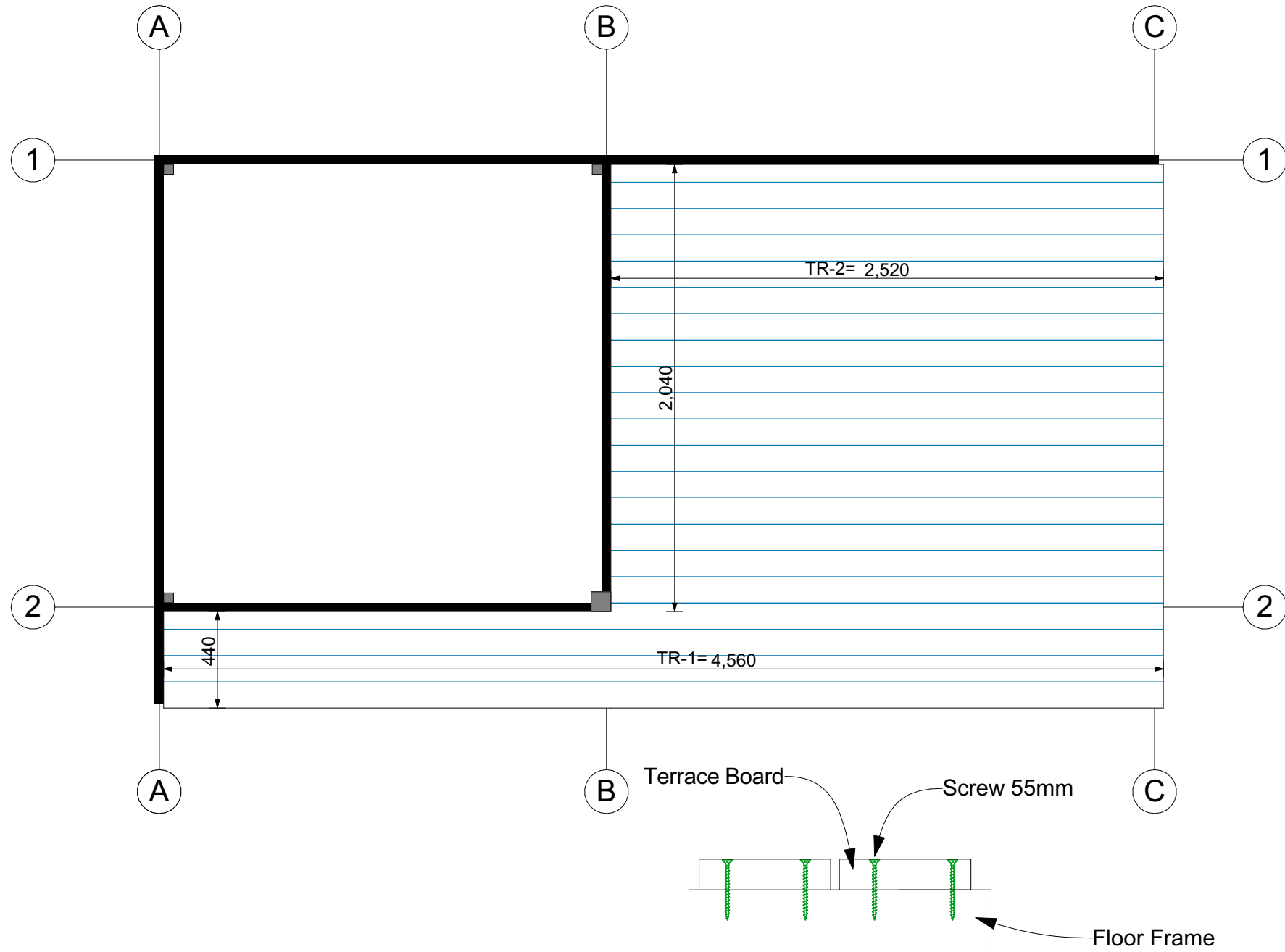
PATIO S PLUS



Terrace boards

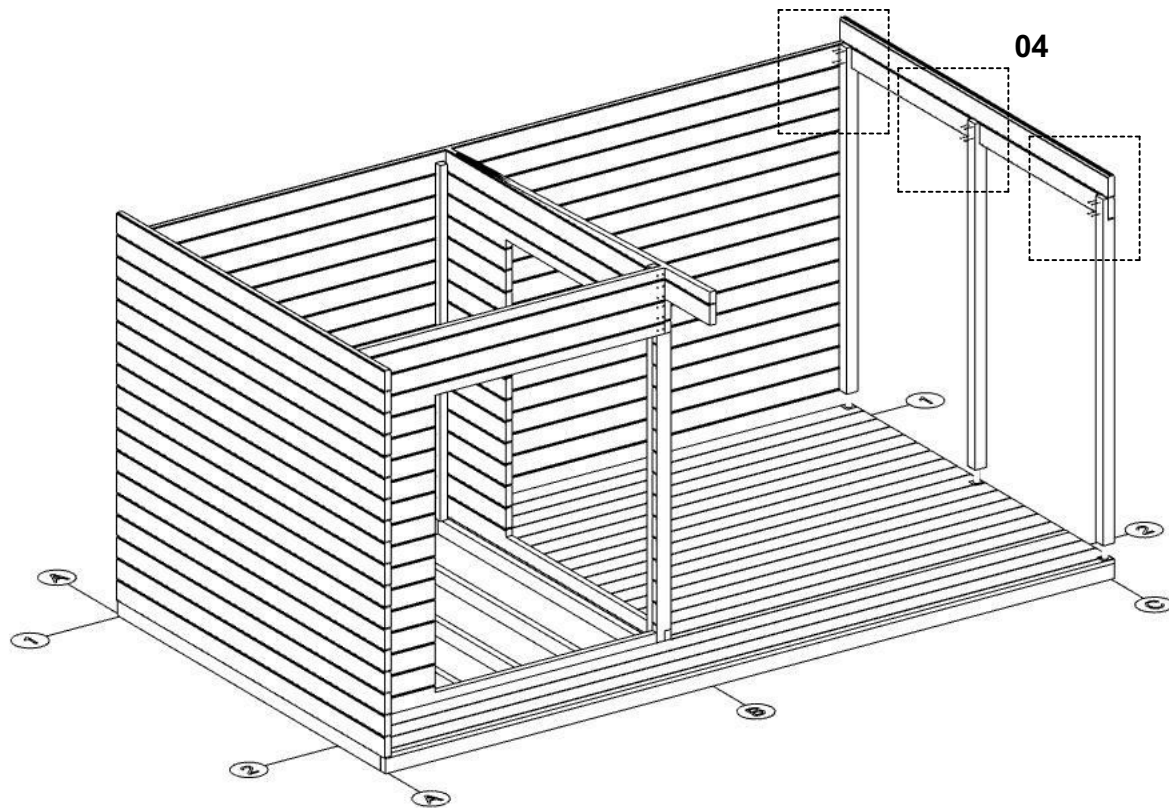
PATIO S PLUS

* Install terrace boards before 3rd row of wall logs

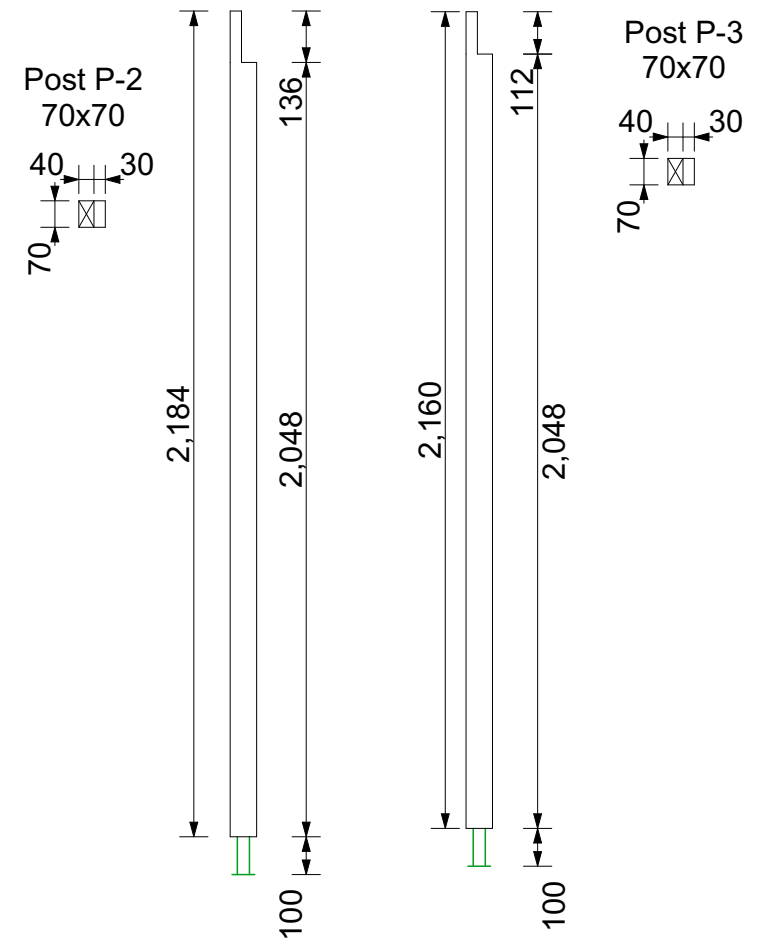
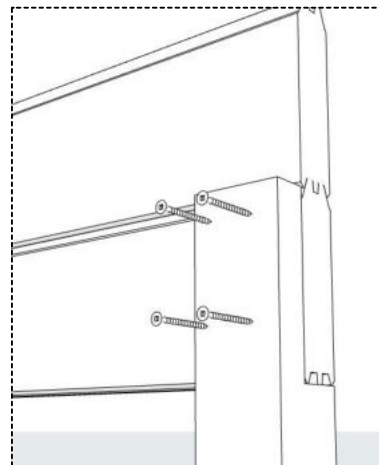
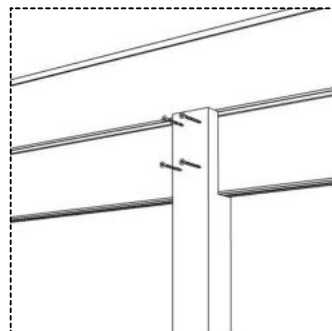
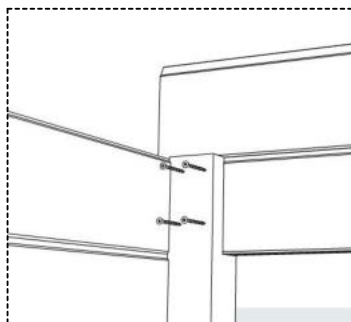


Posts P-2 and P-3

PATIO S PLUS



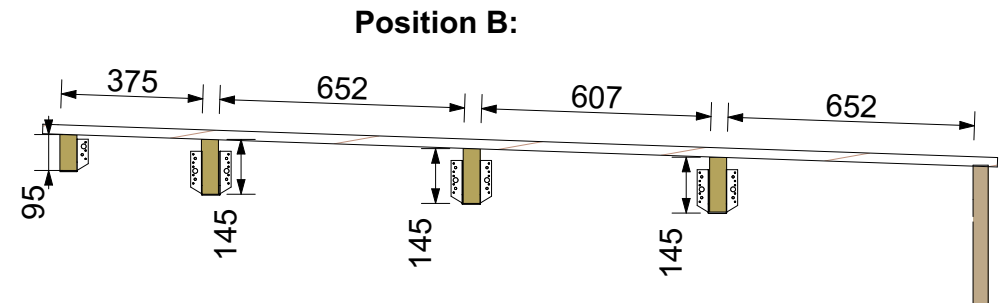
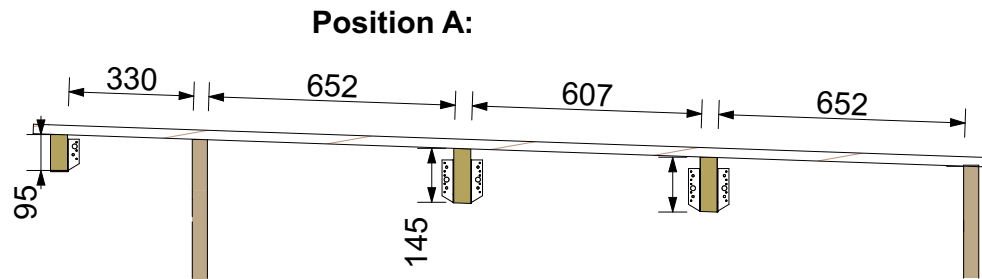
*Fix post P-2 and P-3 with 55mm screws to the log wall



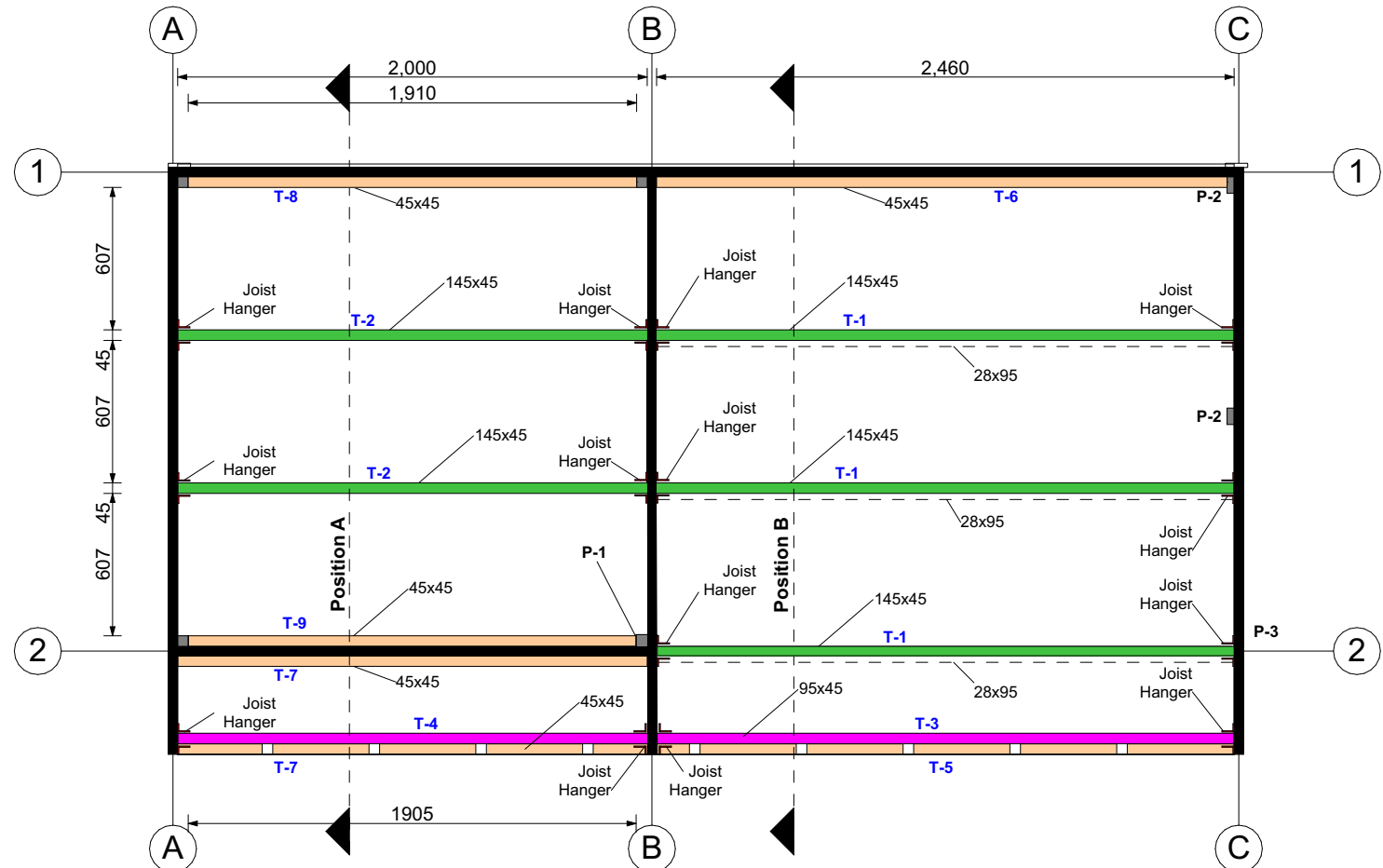
Ceiling beams and joist hanger

PATIO S PLUS

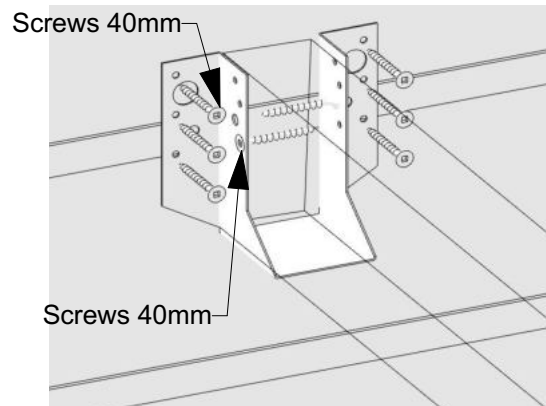
Temporarily attach roof board on top of the walls. Measure out 95 and 145mm from roof board (downward). Measure out Joist Hanger positions as shown in schemes:



Top view:



Joist hanger:



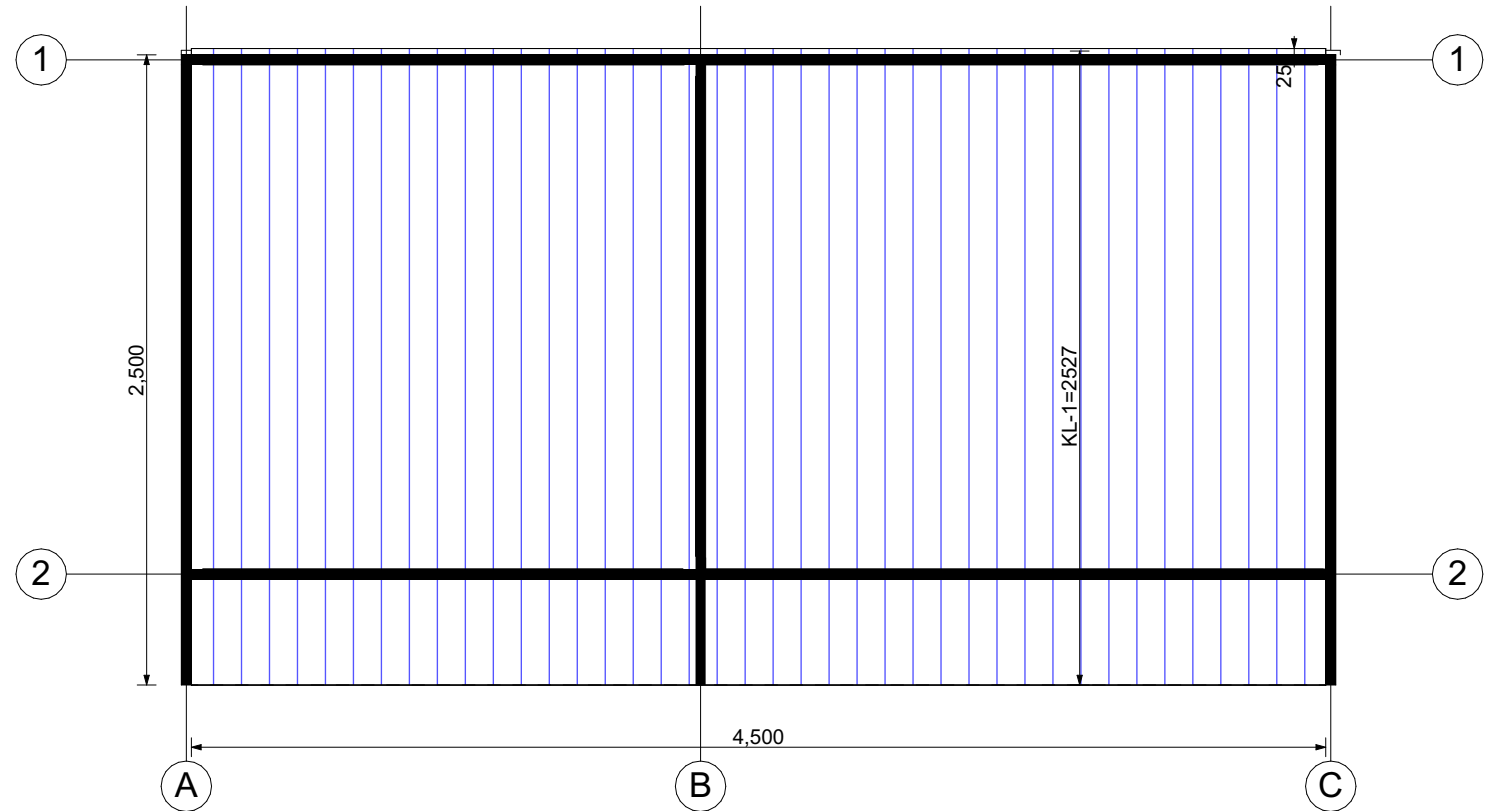
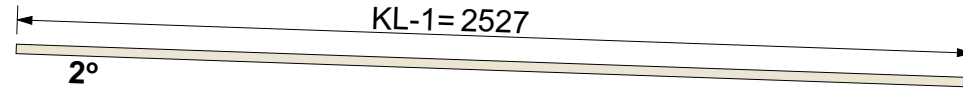
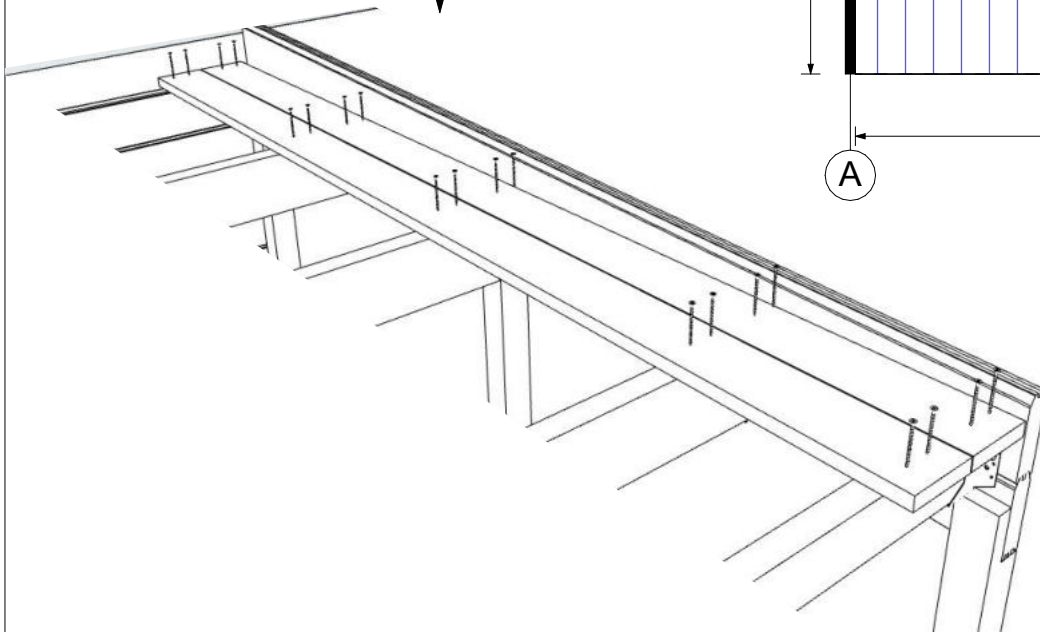
Roof Boards

PATIO S PLUS

*Cut the last roof board to length

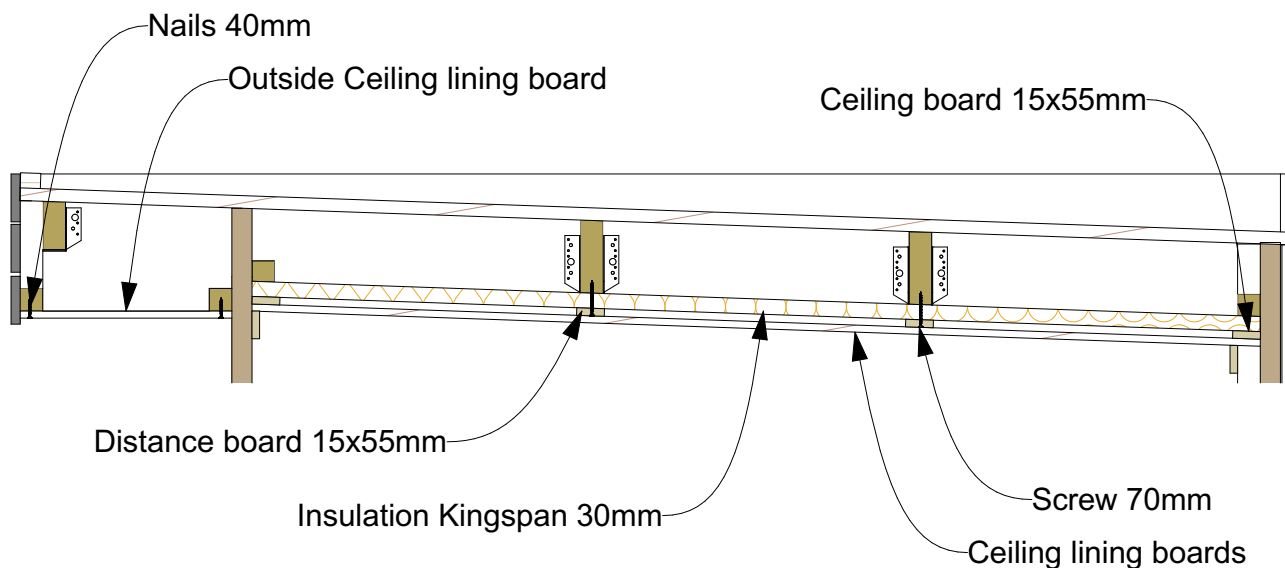


*Use 10 nails (75mm) per roof board

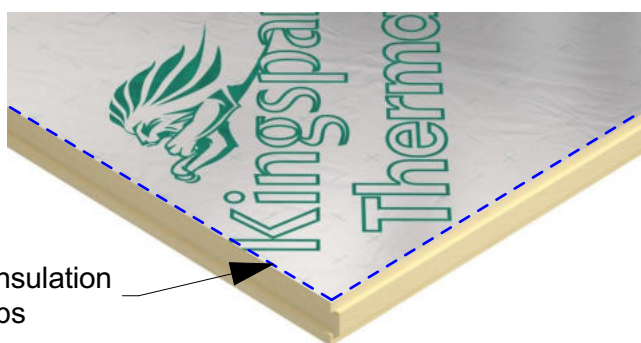


Sauna ceiling

PATIO S PLUS

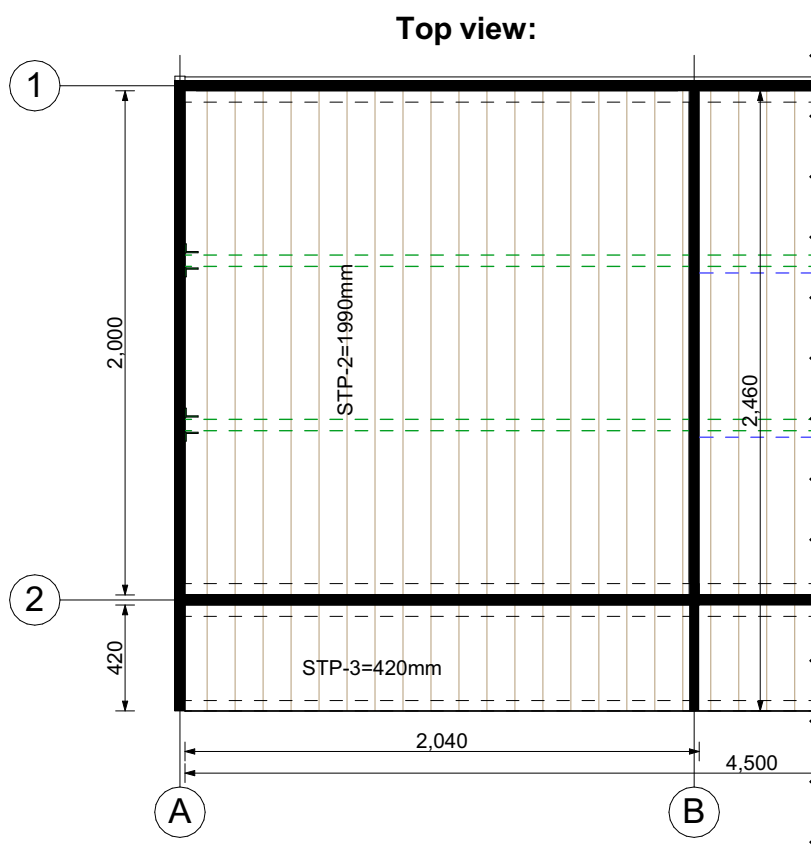


Use tape for SPU insulation overlaps



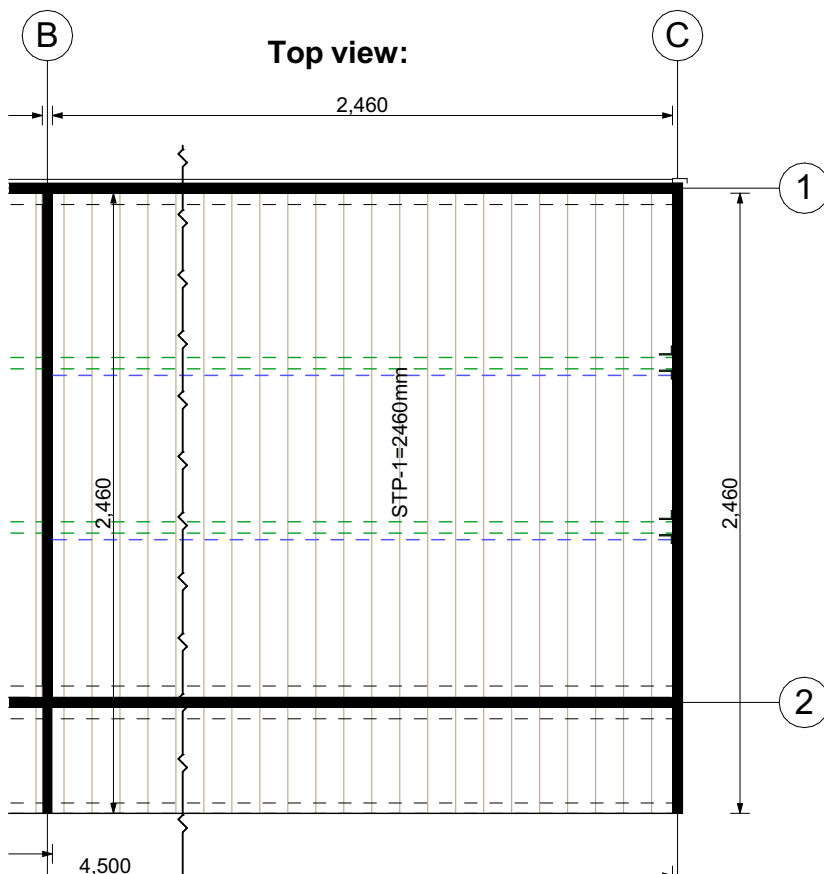
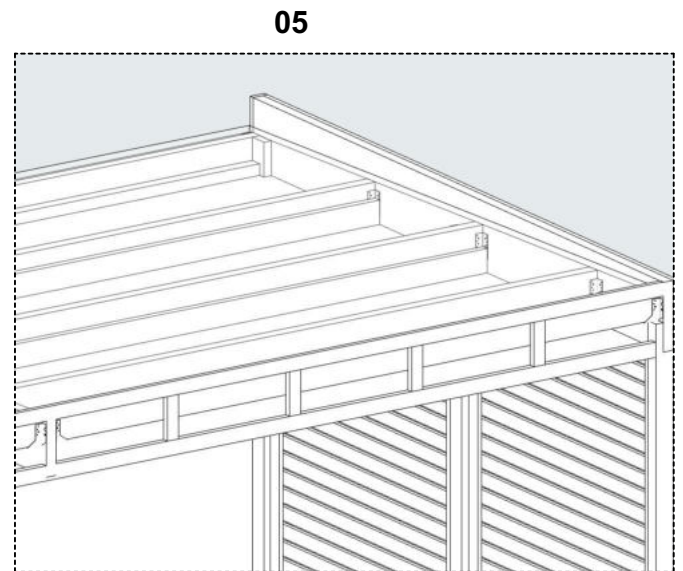
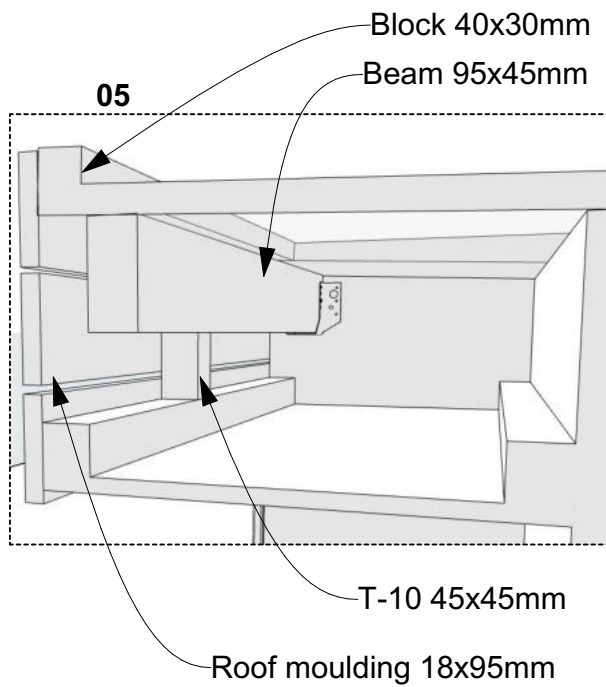
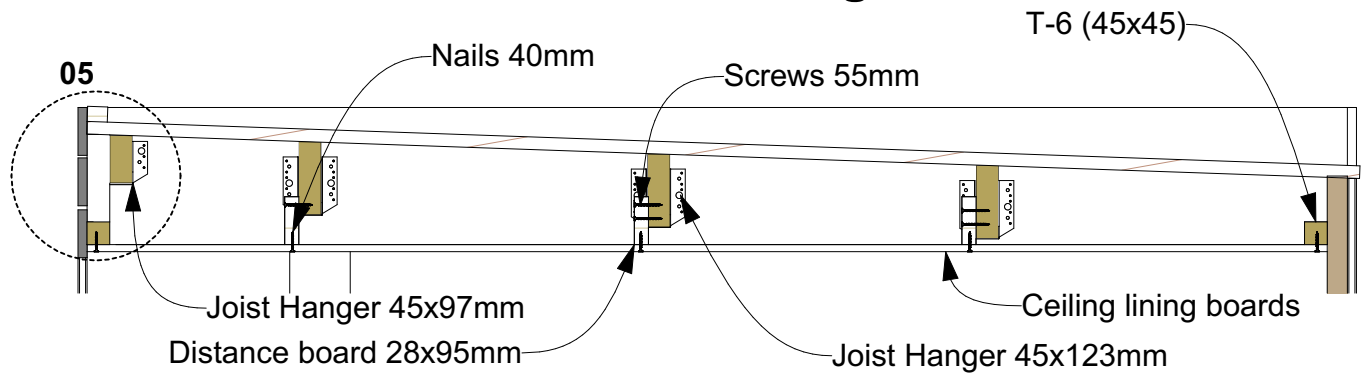
Install the SPU insulation to the beams/ rafters with the distance board and 70mm screws

*Cut the last ceiling board to length



Outside ceiling

PATIO S PLUS

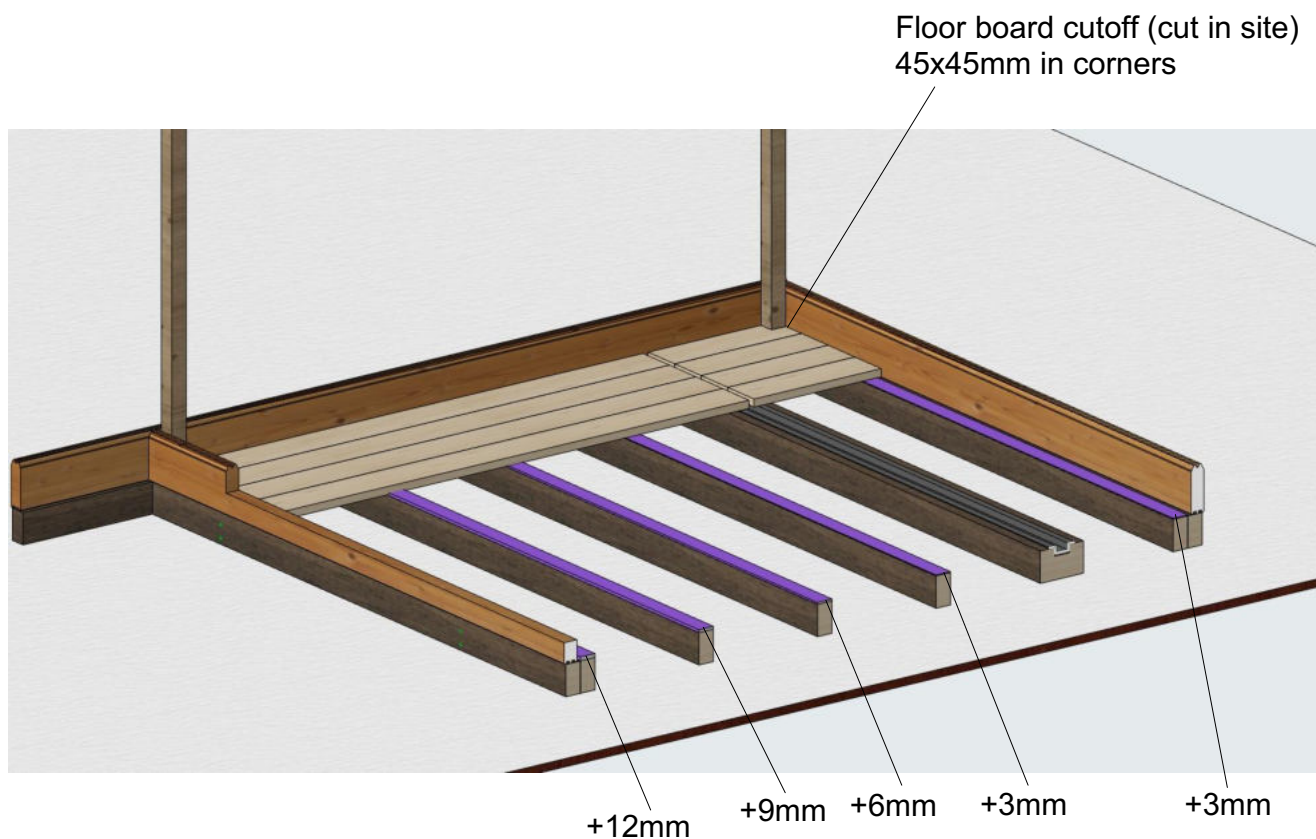


*Cut the last ceiling board to length

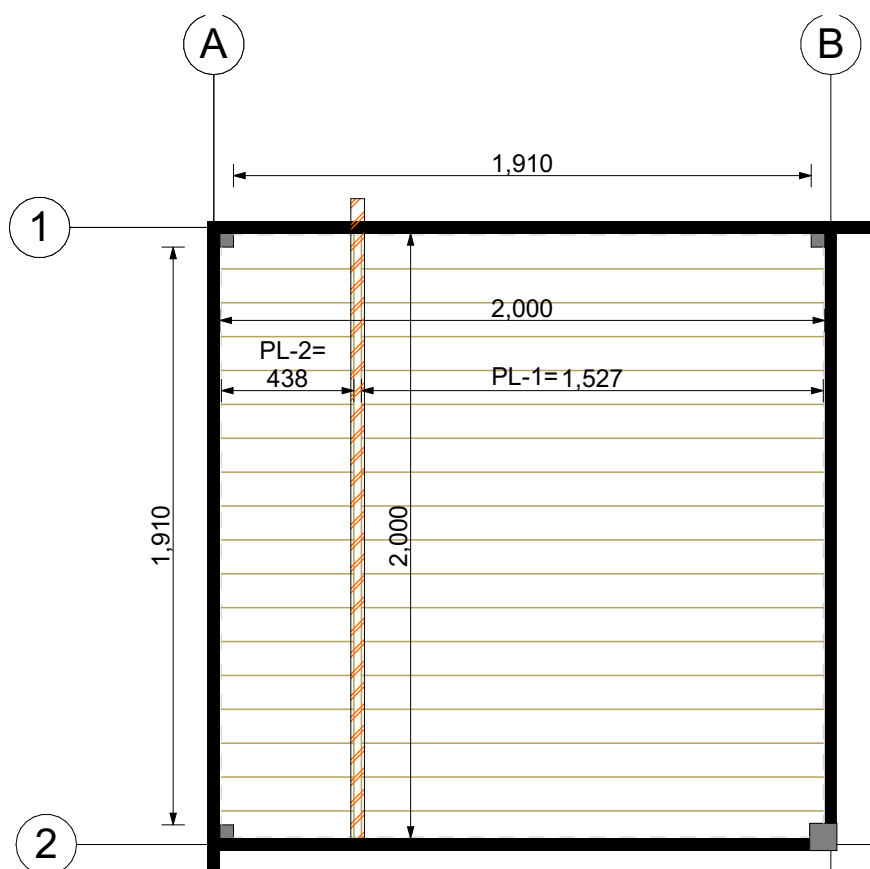
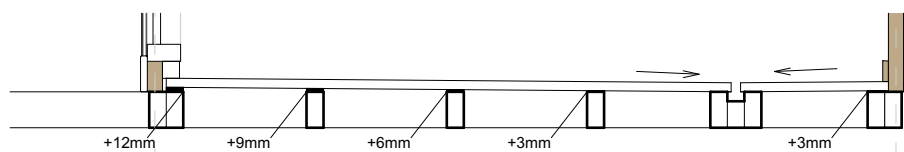


Floor boards

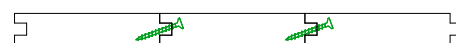
PATIO S PLUS



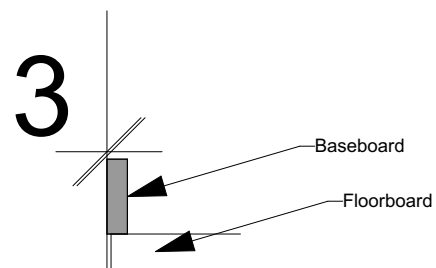
Apply plywood slope details to give floor board incline for water drainage



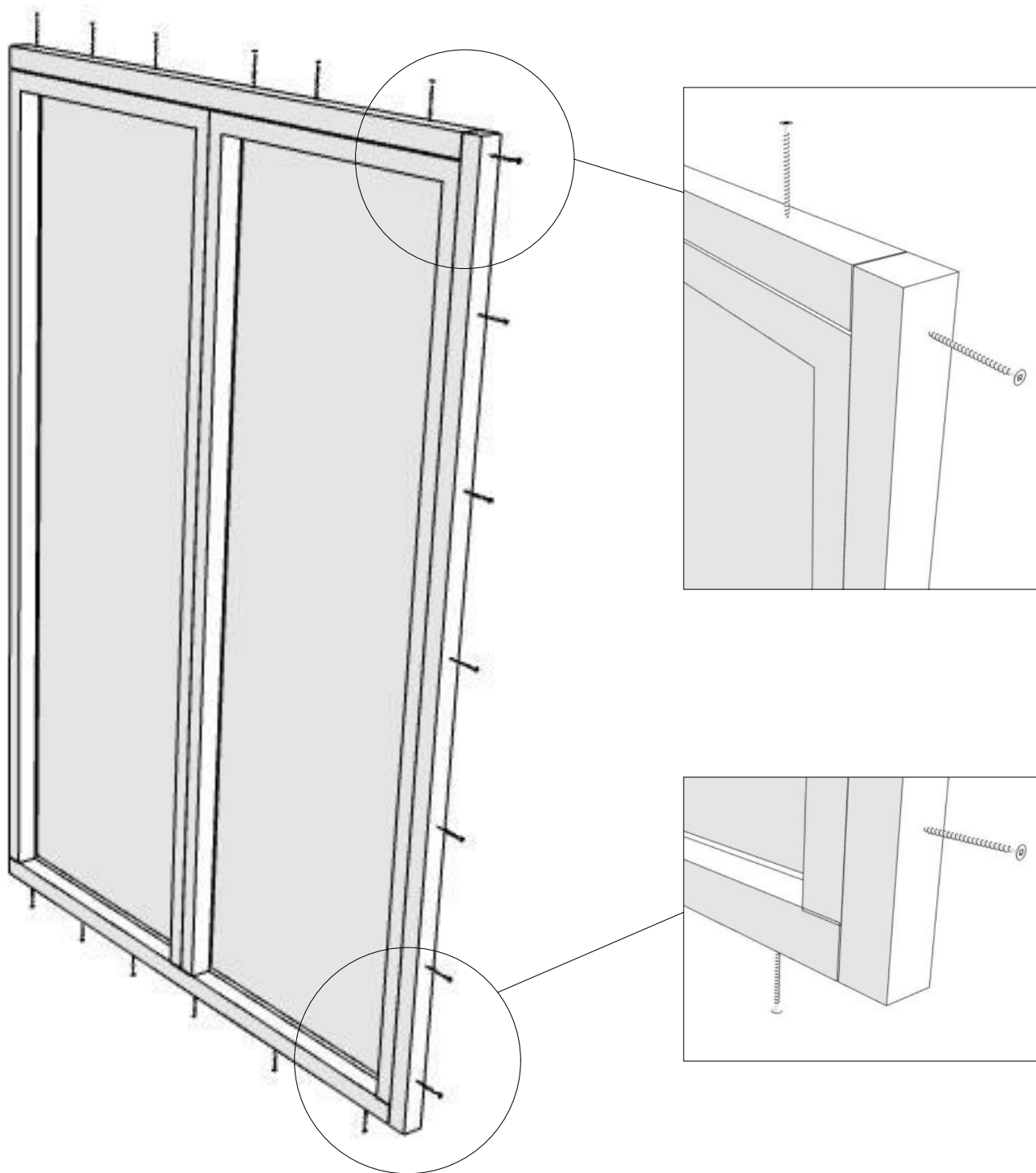
Fix floorboards with 40mm screws as shown :



Leave ~3mm gap between floor board and wall

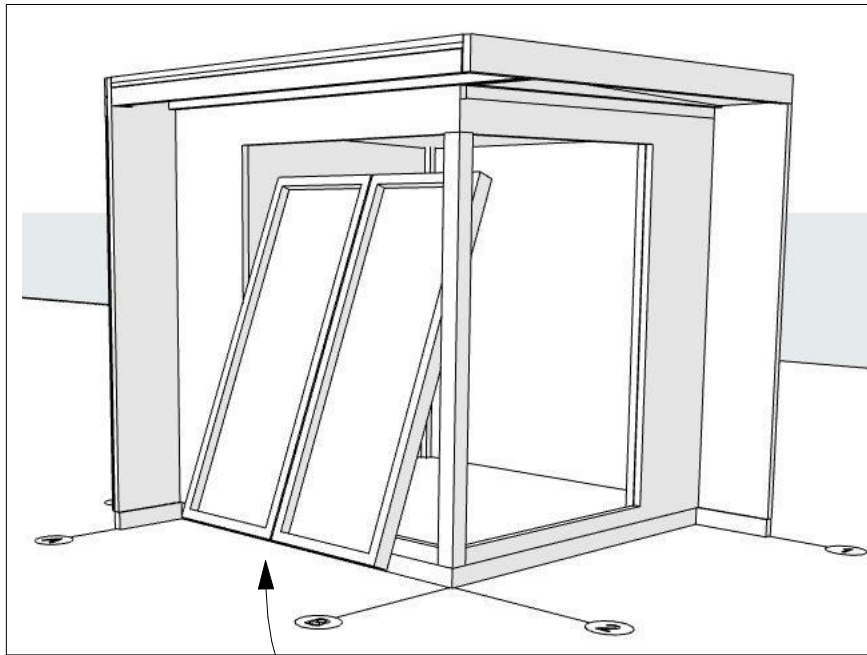


1. Attach the bottom, top and one side frame 45x45mm to the window leaf with 70mm screws.

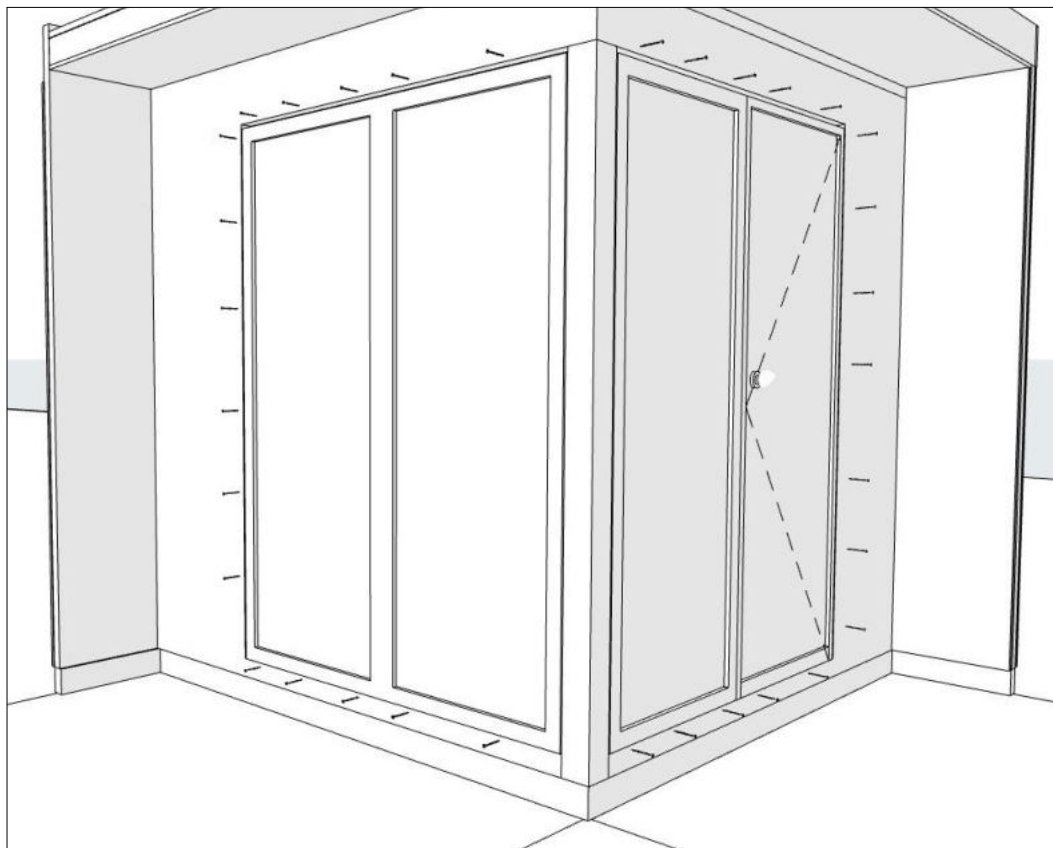


Door/ window

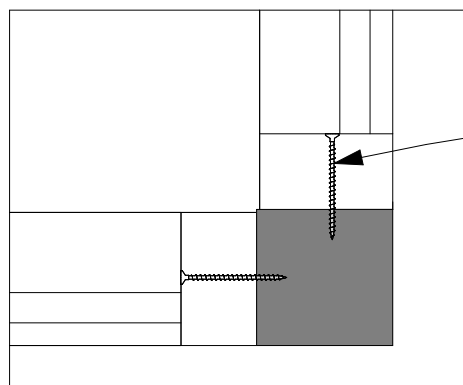
PATIO S PLUS



Lift the windows to place



Fix the window frame with log wall with 70mm screws. (Screws will be covered with window mounding)

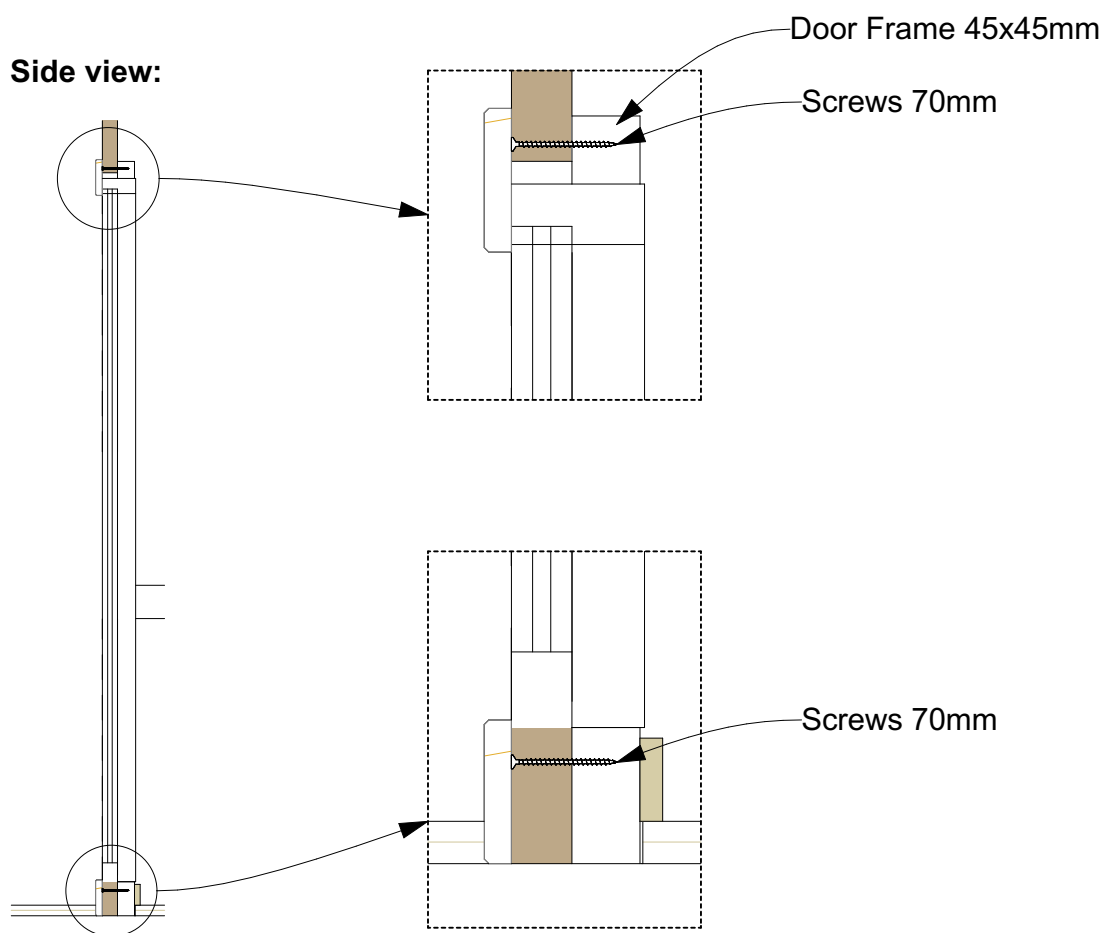


Fix the windows to the corner post with 70mm screws

Door/ window

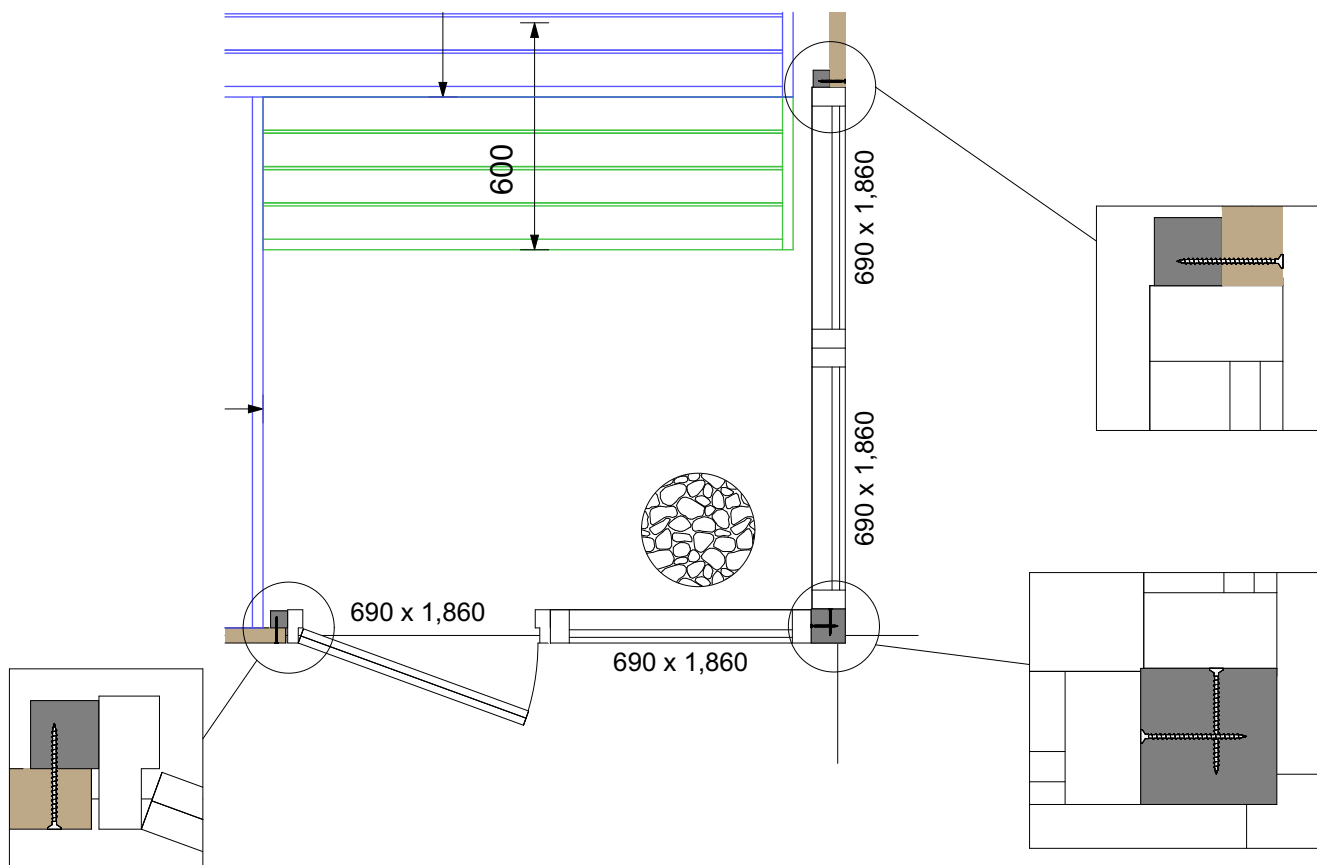
PATIO S PLUS

Side view:



*Fix windows/ door to the door frame with 70mm screws

Top view:



*Attatch the Mouldings 40mm
screws

Mouldings

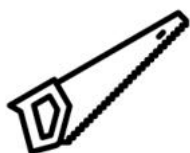
PATIO S PLUS



Corner Moulding
cutoff

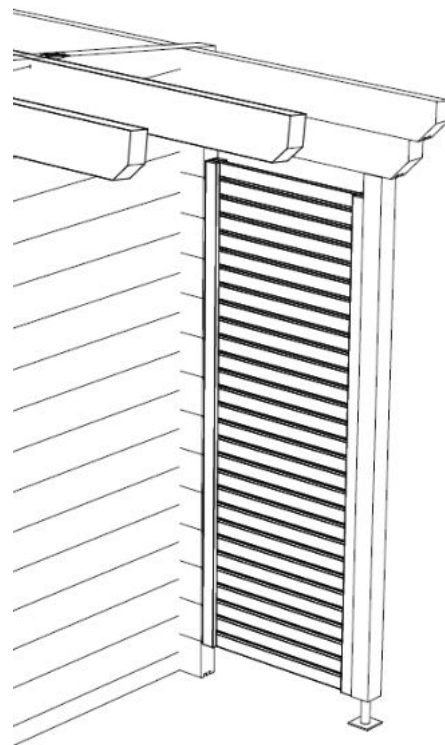
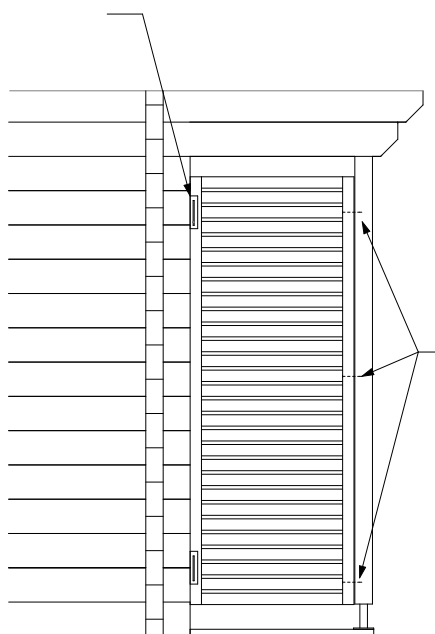


Corner Moulding
cutoff



INSTALLATION OF THE GRID

Functional drawing

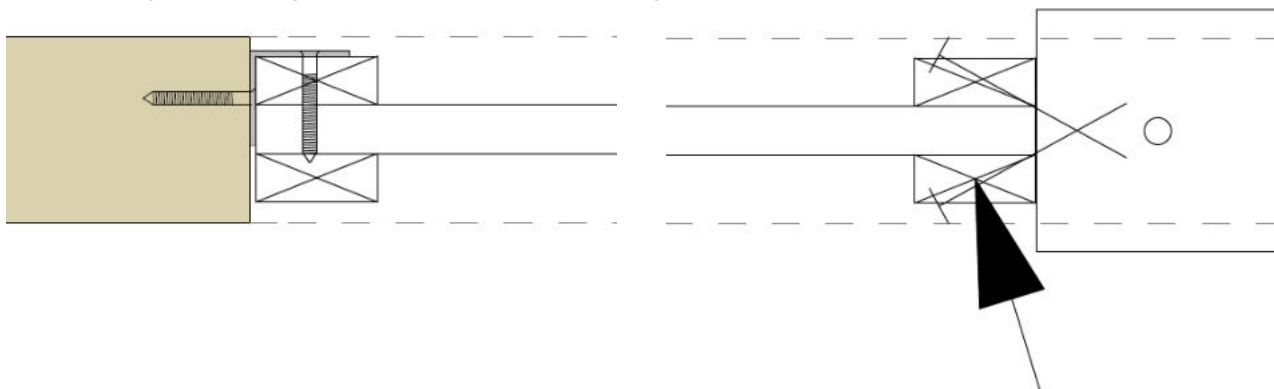


miller

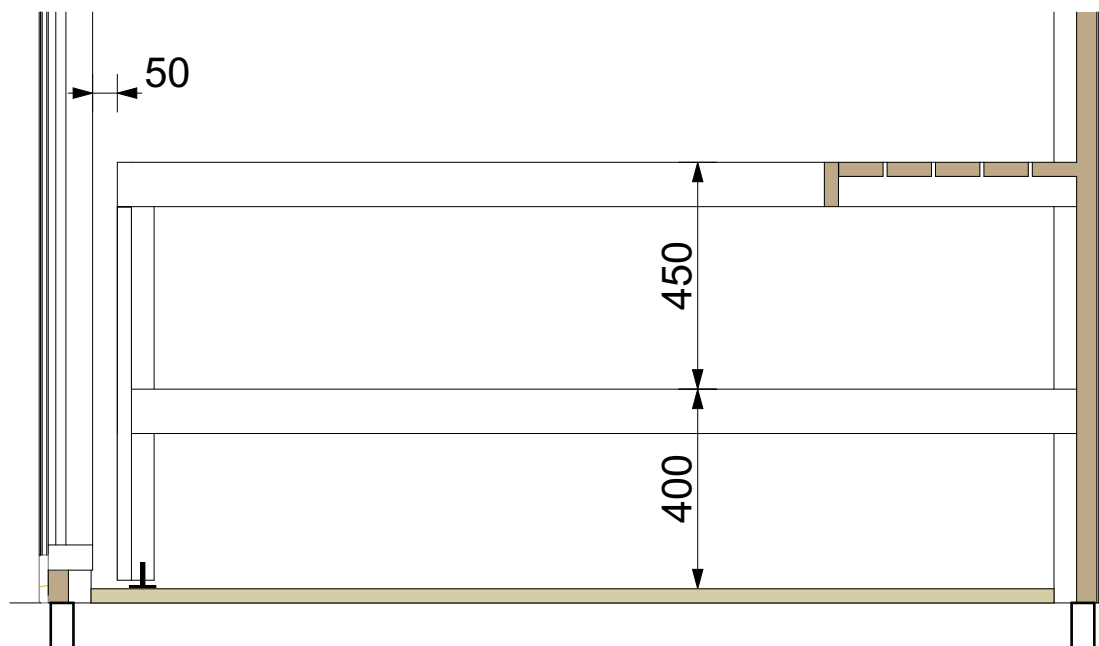
Sliding bracket 35x35x130

Install with 5x40 screws

Use M5 washer with screw to allow the wall logs to sink
(do not tighten the screw 100%)

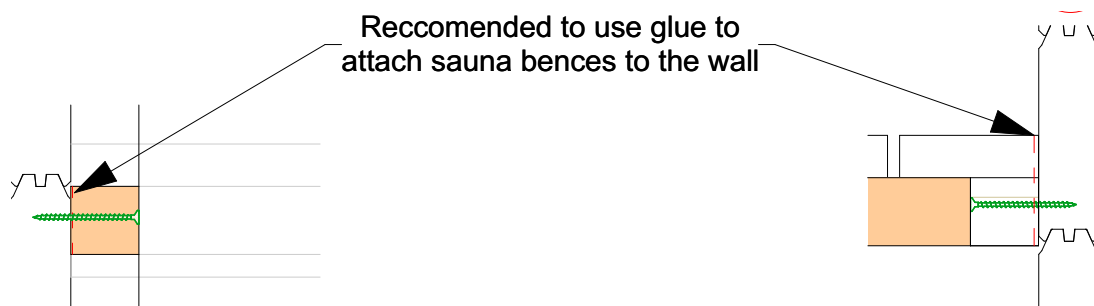
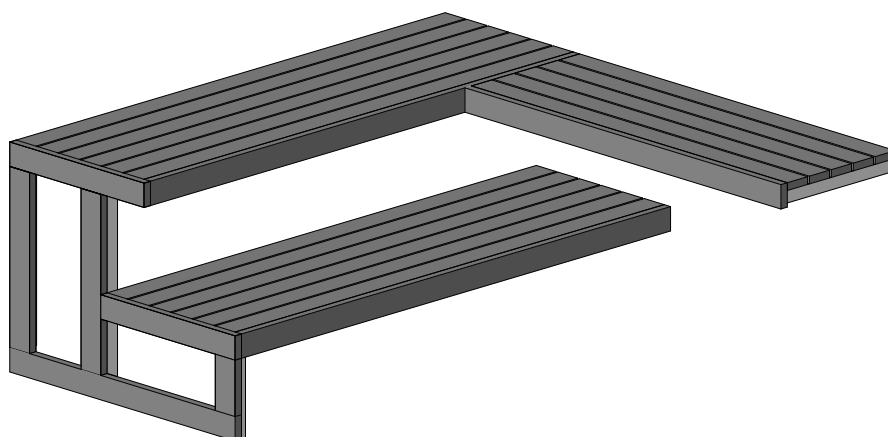
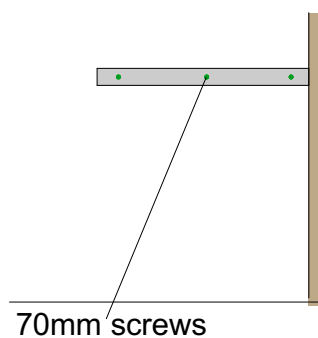


Fix the grid to corner post with a screw 5x80



INSTALL SAUNA BENCHES AFTER THE DOOR/WINDOW IS IN PLACE!

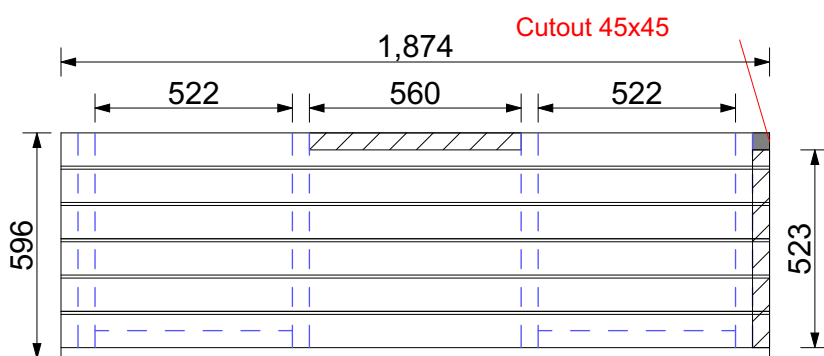
1. First fix the bench supports to the wall
2. Then lift the benches on top of them
3. Fix benches with the 70mm screws to the walls and supports



Sauna Benches

PATIO S PLUS

UPPER BENCH



SUPPORTS:

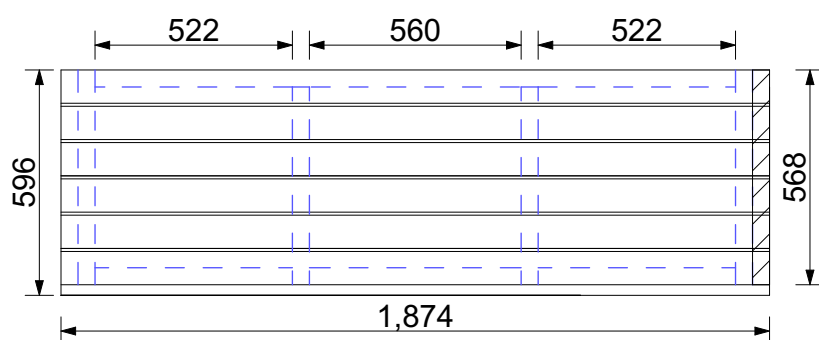
560 - 2pcs

515 - 1pcs

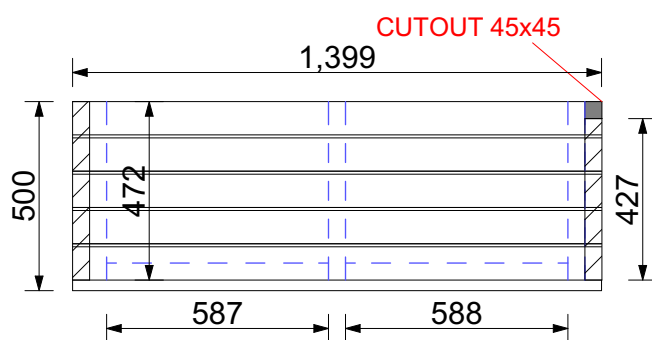
465 - 1pcs

415 - 1pcs

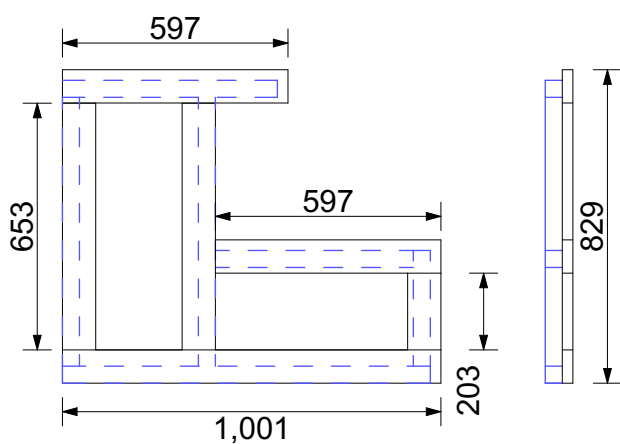
LOWER BENCH



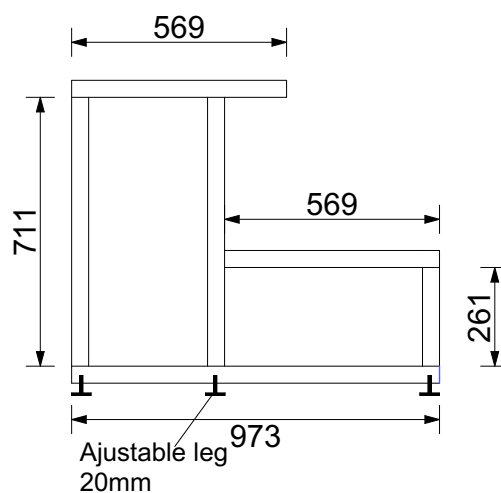
UPPER BENCH



SIDE VIEW



BENCH FRAME 45x45



Ventilation Louvre and ventilation grid

PATIO S PLUS

⌀ = 10cm



To install ventilation louvre and ventilation grid use saw or diamond drill bit.



Ventilation louvre wood



Ventilation grid

Install hole under
sauna ceiling

Install hole under
sauna benches



EPDM roof cover

Tools:



SAFETY FIRTS!

IT IS RECOMMENDED TO USE GLOVES, SAFETY GLASSES AND RESPIRATOR WHEN APPLYING THE GLUE. ALSO APPLYING OF THE GLUE SHOULD BE DONE IN WELL VENTILATED AREA OR OUTSIDE!

1. Clean the roof surface from dirt, dust, ice , snow etc...
2. Check for defects before installing the roof cover.
3. Put the rubber roof cover in position and check for correct overhang.
4. Fold or roll the rubber roof cover and start applying the glue.
5. Apply the glue on the roof surface and on the rubber.
6. Wait until the glue is "Touch dry". (Nothing happens when the waiting time is too long)
7. Roll or fold the rubber roof cover in place, avoid air bubbles and wrinkles on the roof surface. Smoothen the roof cover with a broom or brush.
8. When the rubber roof cover is in place, cut the excess rubber.

1.
7.



3.



5.

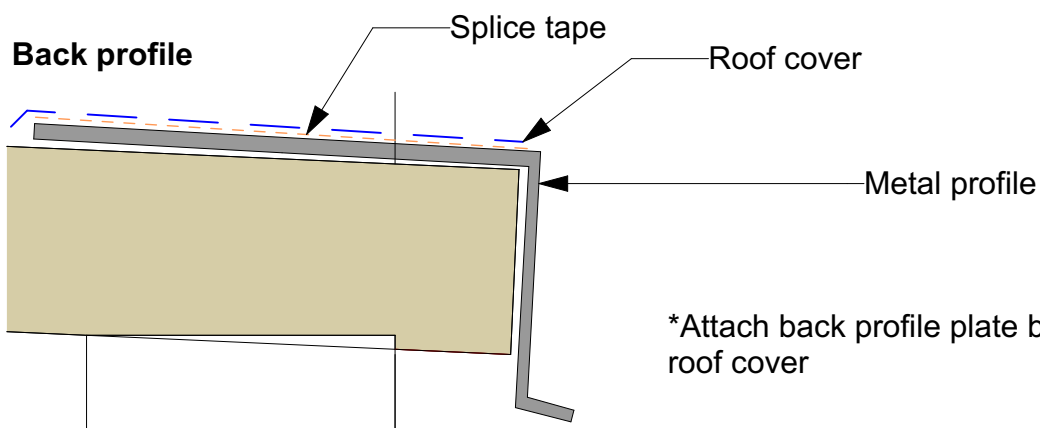


8.



EPDM roof cover

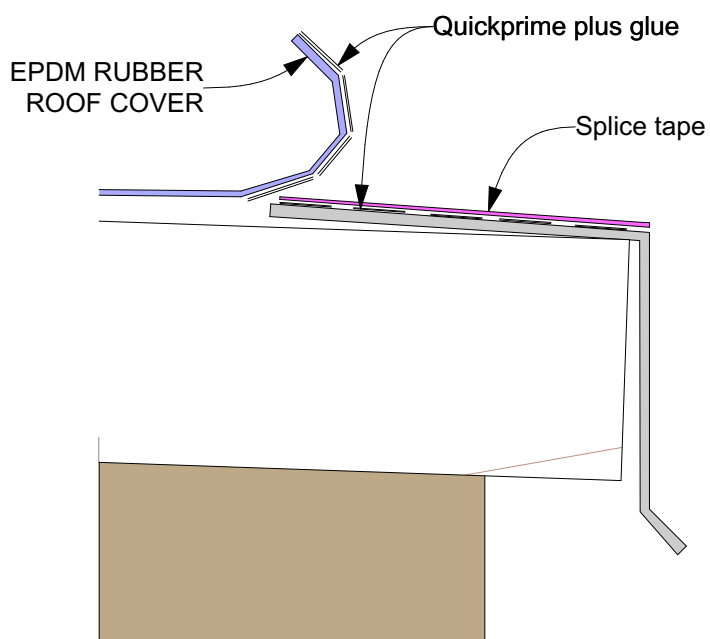
Back metal profile and rubber roof cover:



When installing the back profile apply Quicprime plus glue on top of the metal profile. Then apply the splice tape (2 sided) on top of the metal profile.



Use Quickprime plus glue and apply it on the rubber surface and on the metal roofing sheet



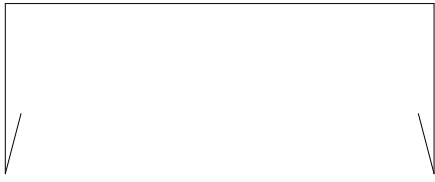
Remove the top side of the splice tape and apply the glued rubber roof cover on top of the tape



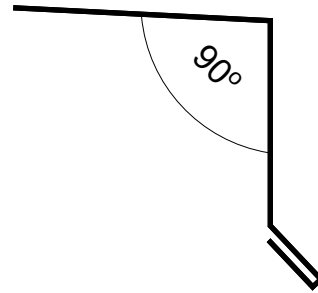
Remove the top side of tape

Patio metal roof profiles

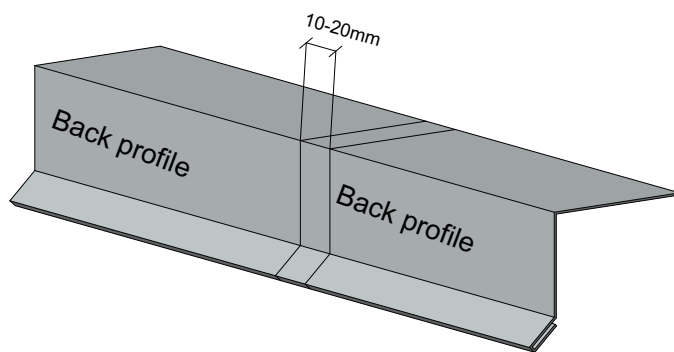
Side and front profile



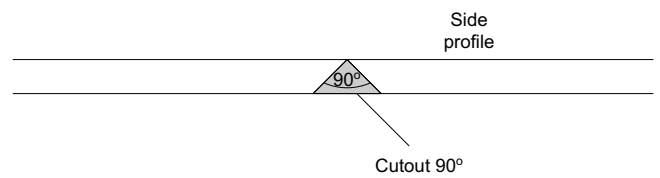
Back profile



*If there is 2 pieces of back profile, leave about 10-20mm overlap and fix with screws



Back corner:



Front corner:

