

# HALDEN XXS 40 INSTALLATION DRAWINGS



**HOUSE: HALDEN XXS 40**

POS.	DESCRIPTION	NOTE	PCS.	PROFILE	LENGTH
AR1	IMPREGNATED FLOOR FRAMING		1	45x95	2070
AR2	IMPREGNATED FLOOR FRAMING	CUTOUT	1	45x95	2070
AR5	IMPREGNATED FLOOR FRAMING		6	45x95	1980
AR3	IMPREGNATED FLOOR FRAMING	CUTOUT	1	45x95	1980
AR4	IMPREGNATED FLOOR FRAMING		1	45x70	1980
PL-1	FLOOR BOARD		18+2	24x112	1965
KL-1	ROOF BOARD		23+2	24x112	2484
PP-1	FLOOR/CEILING/ROOF MOULDING		11+1	15x55	2100
RLT-1	ROOF EDGE SUPPORT		2	45x45	2480
RL-1	GABLE EDGE BOARD		4+1	18x95	2550
FR-1	FRAME PIECES FOR 1680x1860	1 SET	2	45x45	1680
FR-2	WINDOW/DOOR		2	45x45	1950
UPL55-1	MOULDINGS FOR 1680x1860 WINDOW/DOOR	1 SET	2	15x55	1820
UPL95-1			1	18x95	1640
UPL95-2			1	18x95	1890
UPL95-3			2	18x95	1915
UPL-1	EXTRA MOULDING		2	18x95	2100

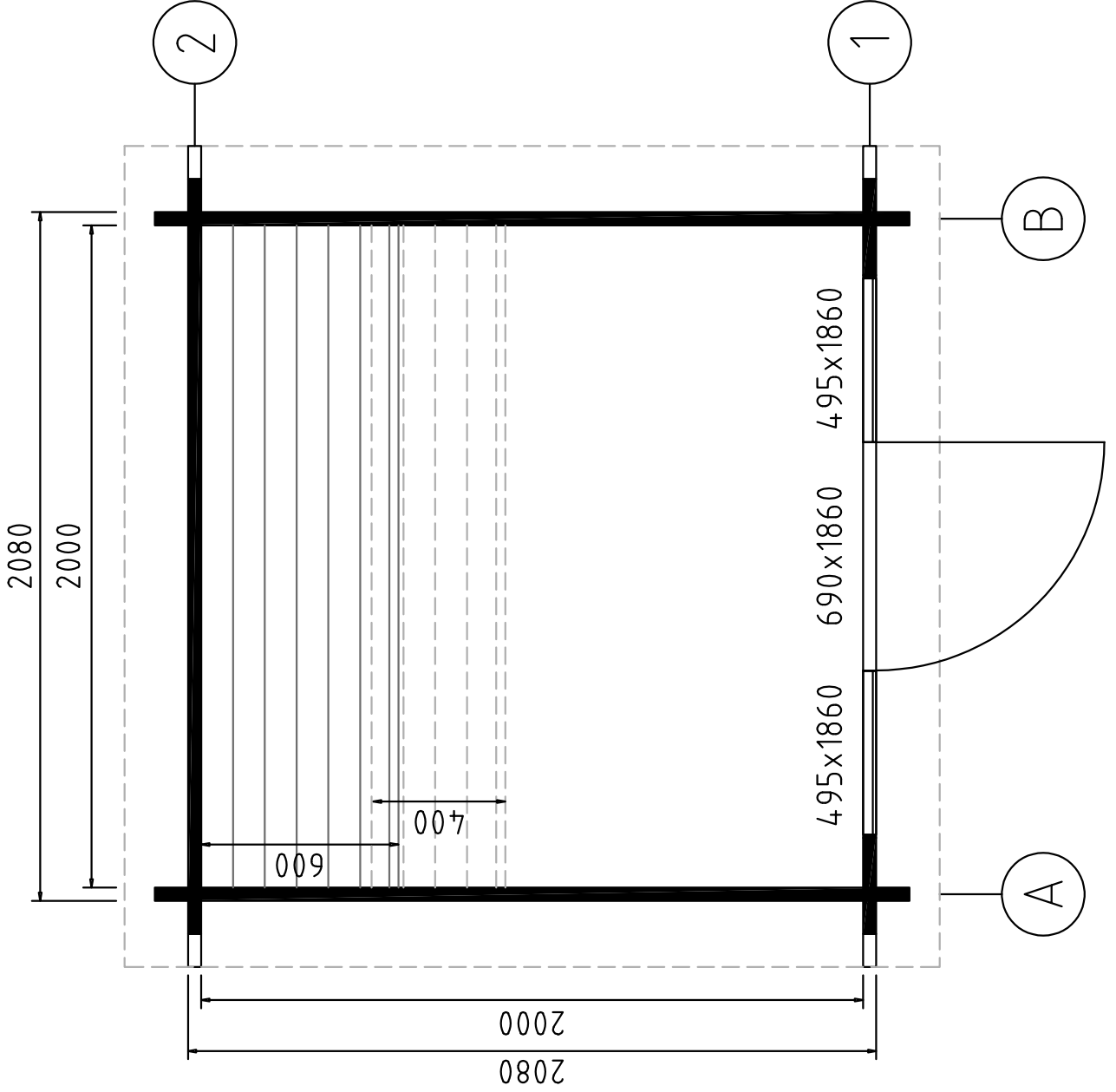
## HOUSE: HALDEN XXS 40

	DESCRIPTION	NOTE	PCS.
DOORS/WINDOWS	GLASS DOOR 88x690x1860		1
	WINDOW 88x495x1860		2
	DOOR KNOB SET FOR GLASS DOOR		1

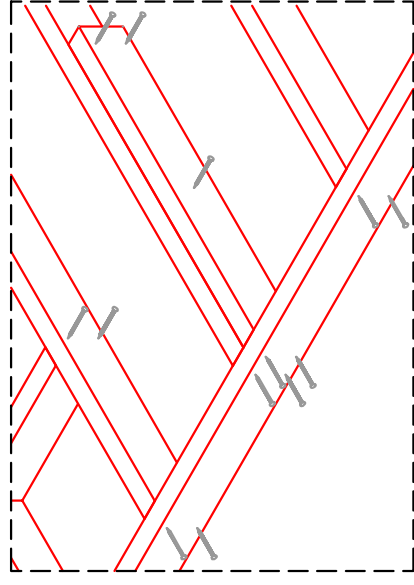
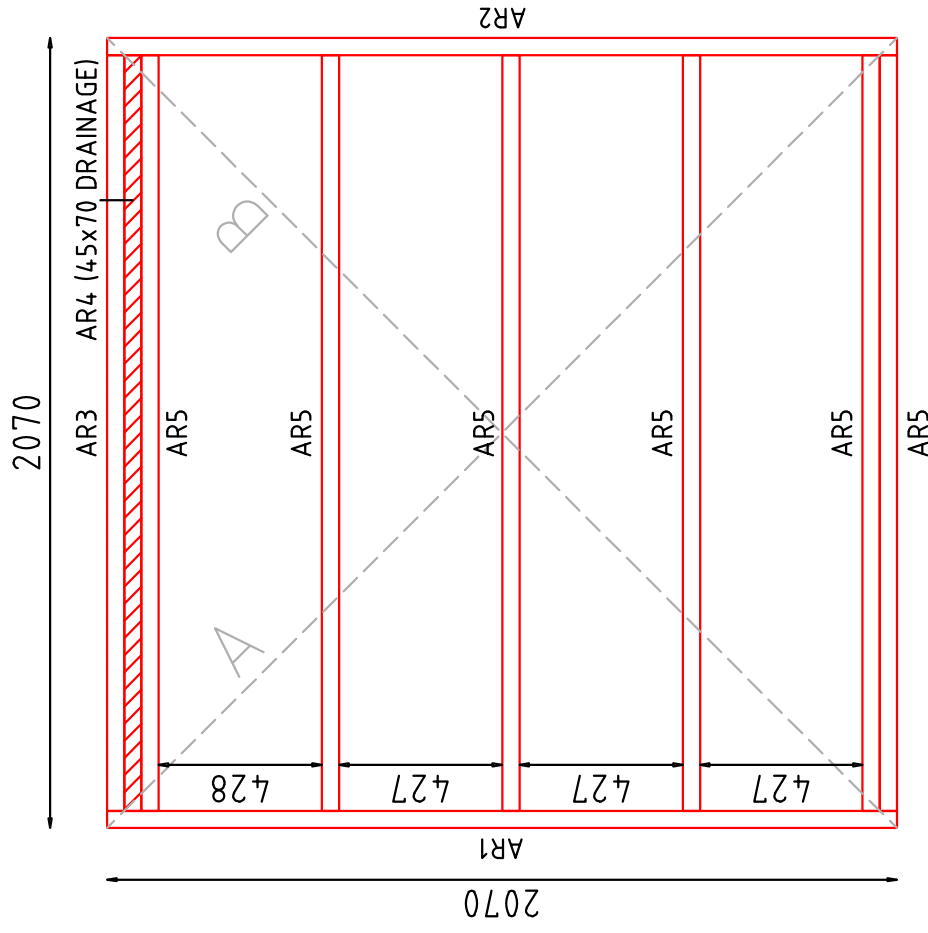
	DESCRIPTION	NOTE	PCS.
COMPONENTS	BENCH MODULE 600x1992		1
	BENCH MODULE 400x1992		1
	BENCH SUPPORTS SET 45x45 (560-3PCS, 375-2PCS)		1
	ADDITIONAL VERTICAL BENCH SUPPORT 45x45x1000	ADJUSTABLE	1
	3MM SLOPE BOARD	1996MM	1
	6MM SLOPE BOARD	1996MM	1
	9MM SLOPE BOARD	1996MM	1
	12MM SLOPE BOARD	1996MM	1
	WOODEN VENTILATION LOUVER D100		2
	METAL VENTILATION GRID D100		2
DRAINAGE 2000+	OPENS RIGHT	1	

	DESCRIPTION	PCS.
FASTENERS	3.5x50 SCREW FOR FLOOR BOARDS	200
	3x40 STAINLESS SCREW FOR DOOR/WINDOW MOULDINGS	100
	4.2x55 STAINLESS SCREW FOR ROOF EDGE BOARDS	50
	4.5x60 SCREW FOR ROOF EDGE SUPPORT	30
	4.5x70 SCREW FOR BENCH MODULES AND FIXING DOOR TO WALL	100
	5x90 SCREW FOR FLOOR FRAMING AND CONNECTING WALL LOGS WITH FLOOR FRAMING	70
	6x120 SCREW FOR WALL LOG INTERSECTIONS	200
	6x180 SCREW FOR PURLINS, CONNECTING WALL LOGS WITH FLOOR FRAMING AND WALL LOGS	30
	75MM NAIL FOR ROOF BOARDS	200

BASE PLAN



# FLOOR FRAMING 45x95



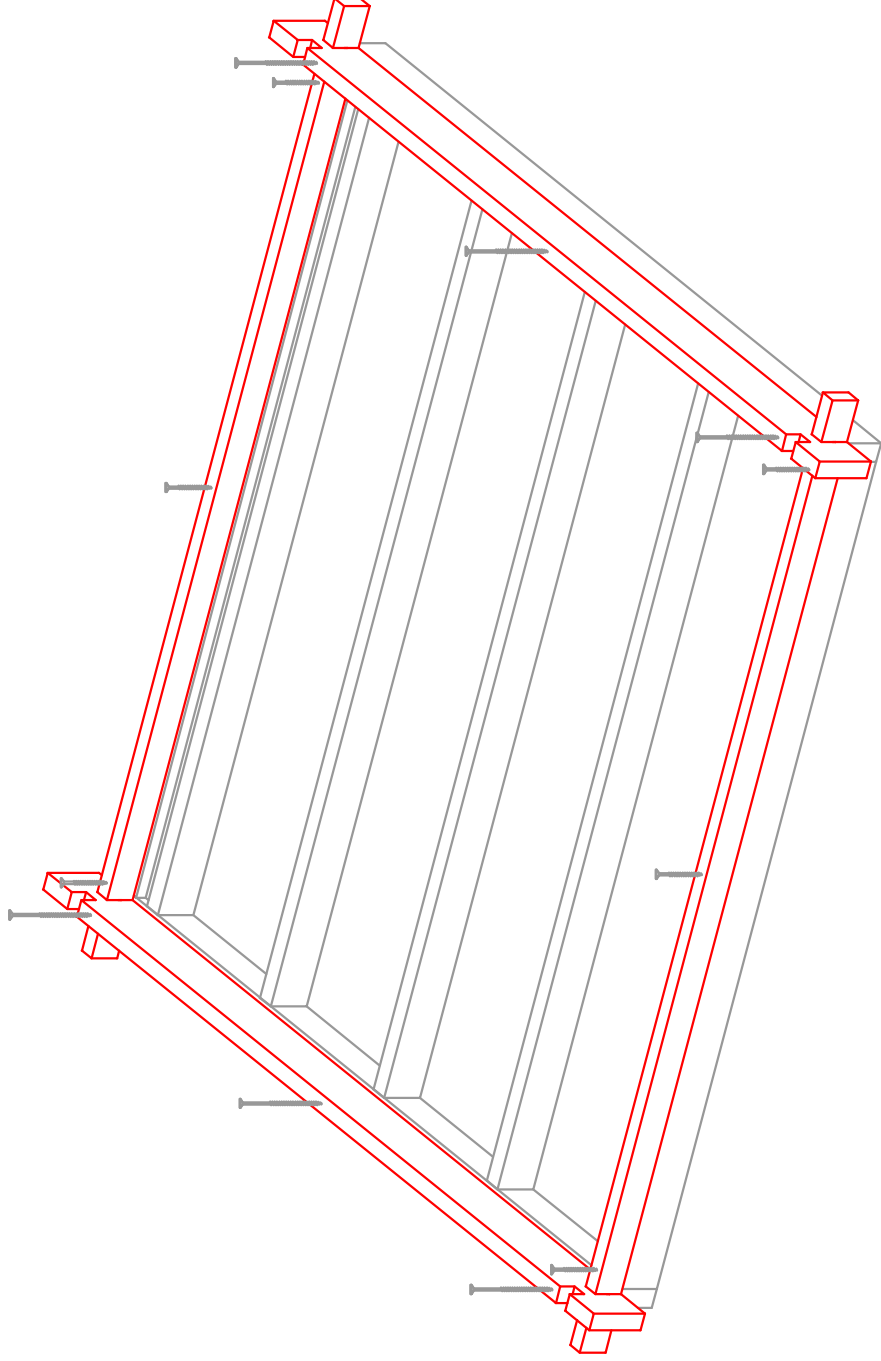
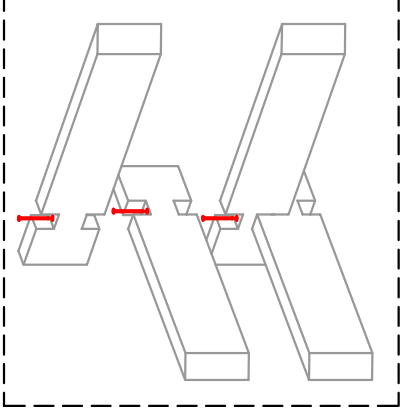
Use two 5x90 screws to fasten joist ends with crossing joists. Fix with parallel joists, when there is no crossing joists.

NB! Check diagonals, remember that A=B=2928

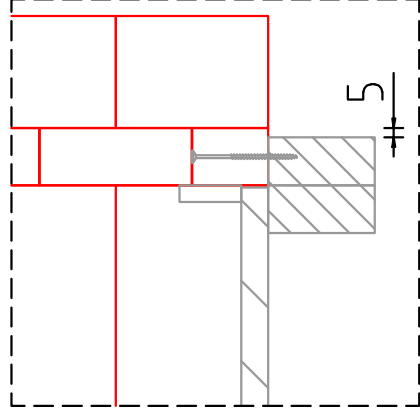
# FASTENING WALL LOGS

Fasten first row to floor framing. Use 5x90 screws for half logs (fix those first) and 6x180 screws for full logs. It is recommended to predrill holes. If necessary use rubber hammer and hit block to secure logs tightly on top of each other.

Use 6x120 screws in each intersection. Try to alternate placement of drill holes so screws don't end up on top of each other. It is recommended to predrill the holes.



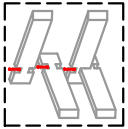
Framing should be 5mm inside from outer wall.



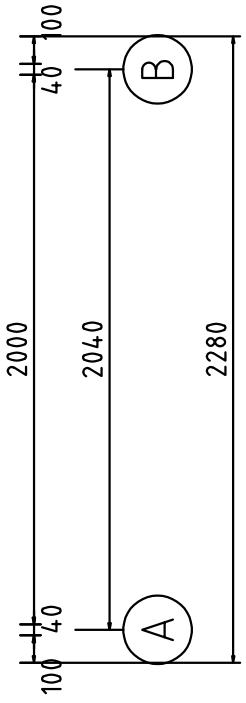
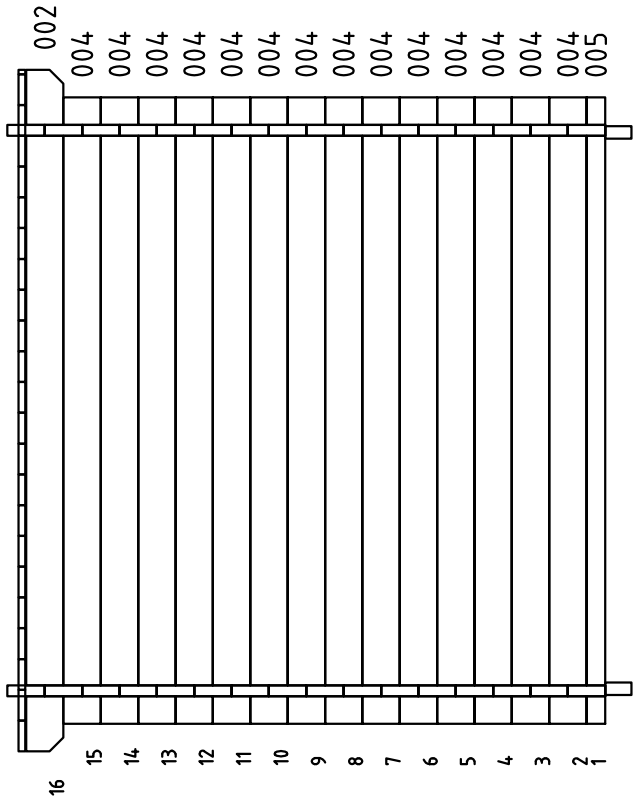


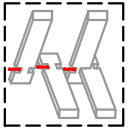




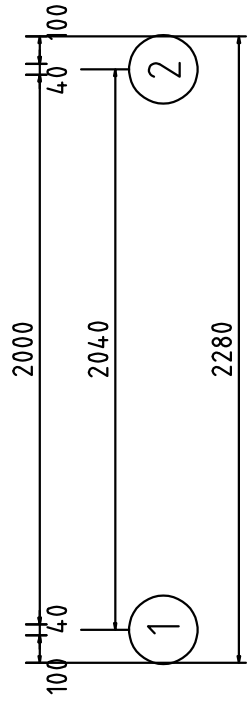
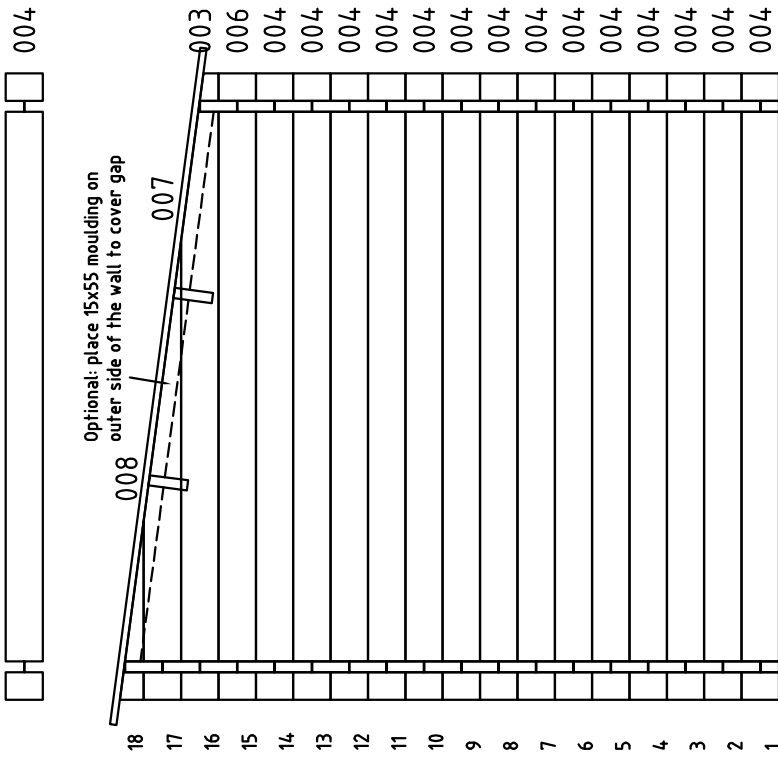


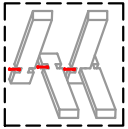
# WALL 2



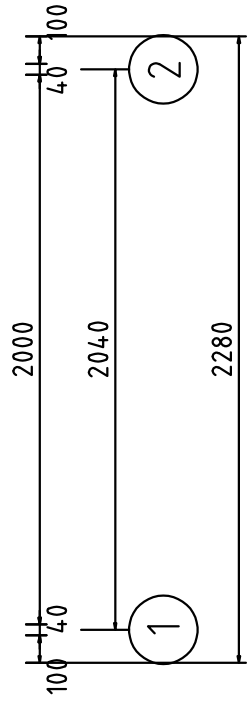
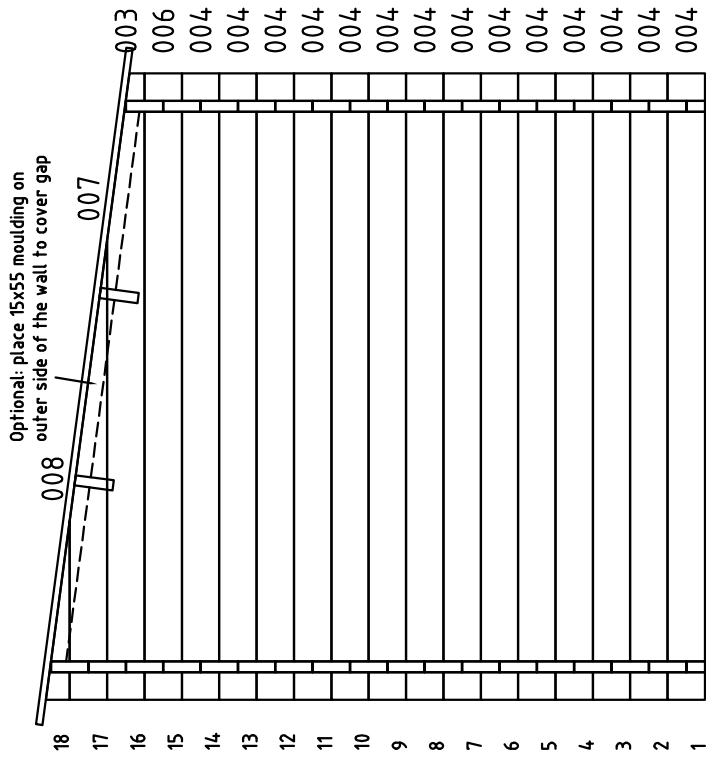


# WALL A

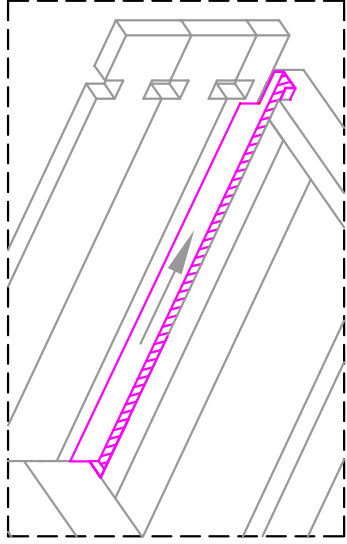




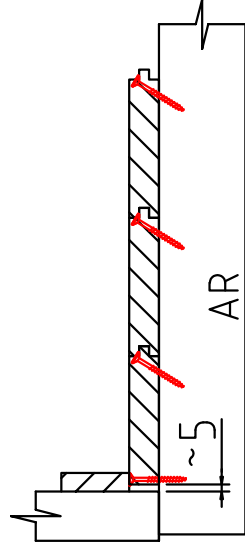
# WALL B



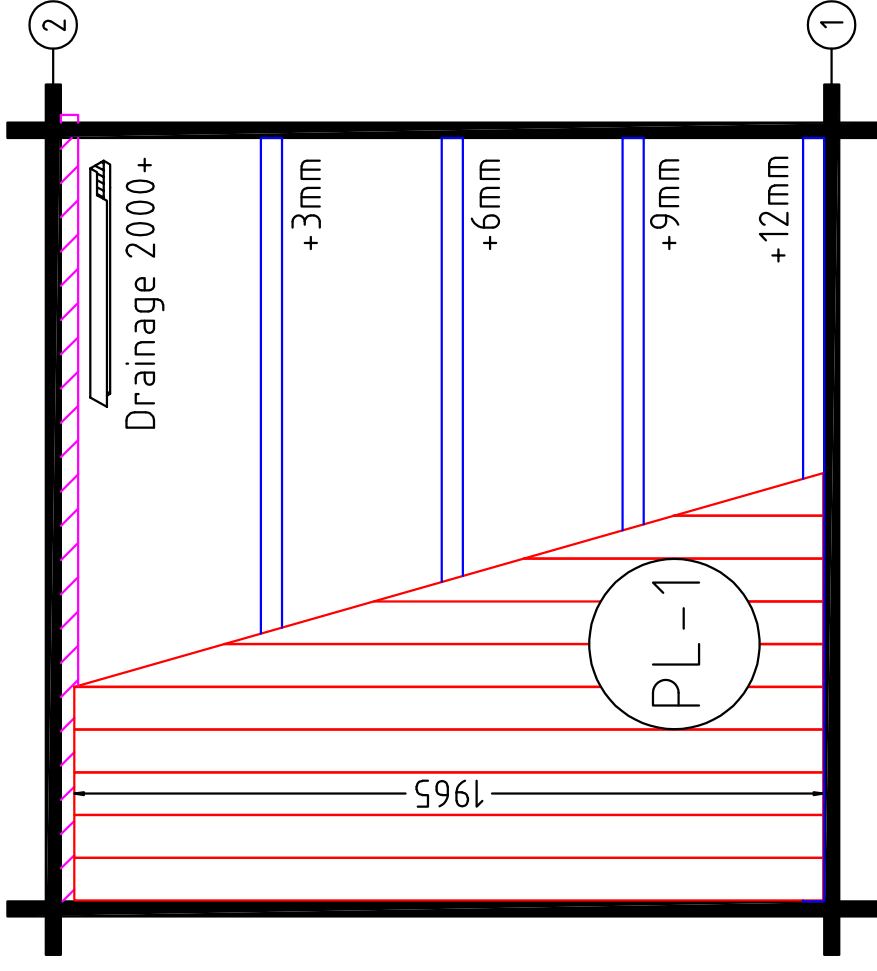
Add slope boards and drainage details before fixing floor boards.



When placing drainage, fix closed end temporarily ~5mm higher than opened end to guarantee slope towards outer wall for water. After placing floor boards fix it permanently with floor mouldings.

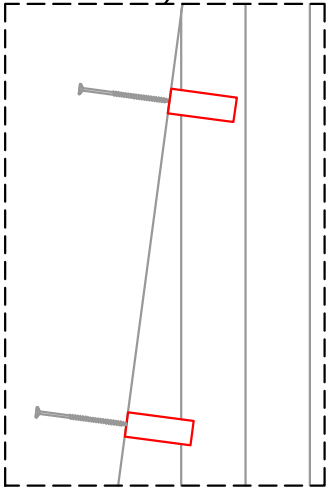


## FLOOR BOARDS

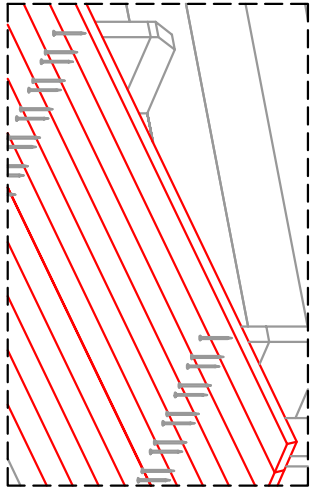


Fasten floor boards with screws from the tongue side of the board. First board should be placed ~5mm from wall and when cutting last board make sure there is 5mm gap as well. Leave ~2mm gap between floor board (cross cut sides) and walls. Lastly fix mouldings in place.

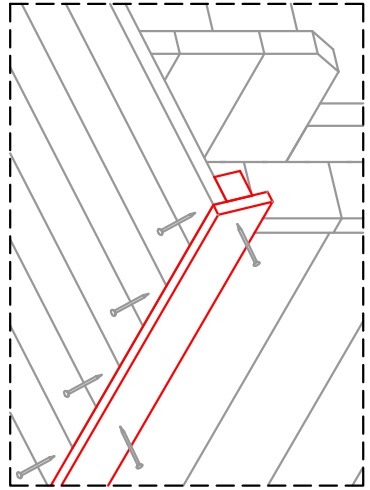
1. Fix purlins with 6x180 screws (pre-drill holes).



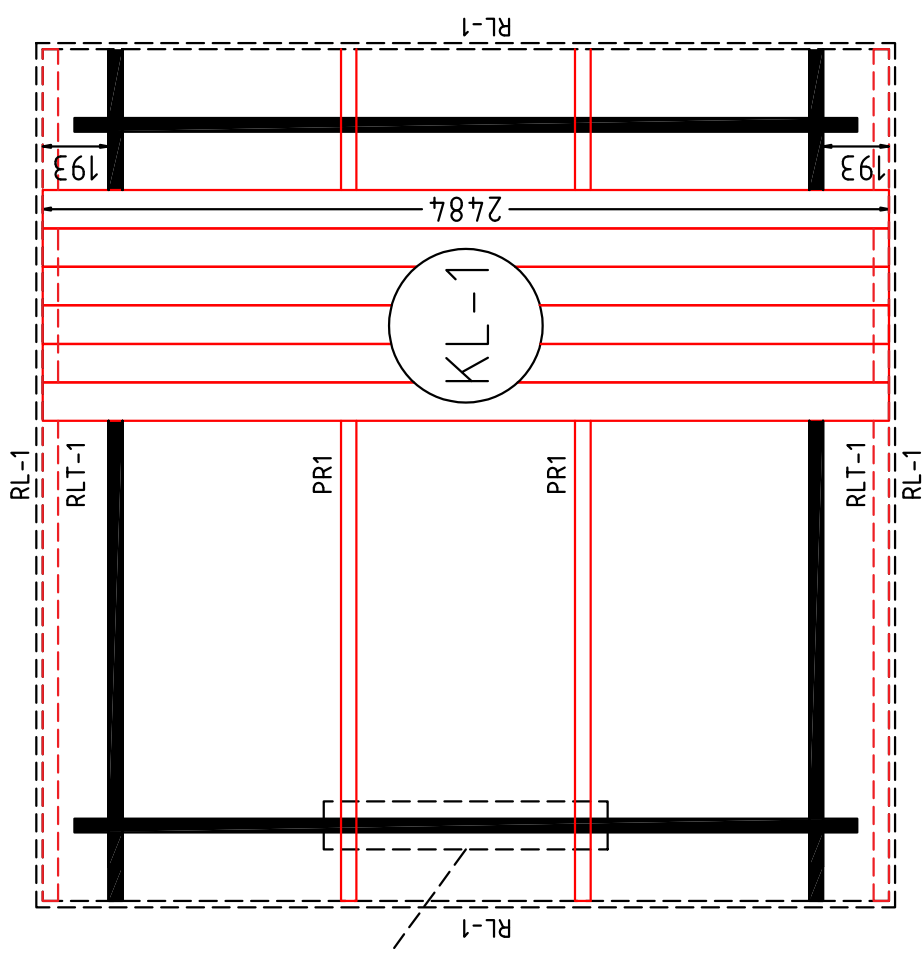
2. Fix roof boards with 75mm nails (two pieces for each connection).



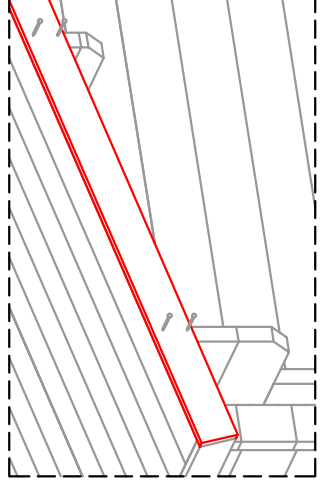
3. Fasten roof edge support and board. Use 4,5x60 screws (one for every other board ending) to fix edge support. For edge boards use 4,2x55 screws.



## ROOF BOARDS

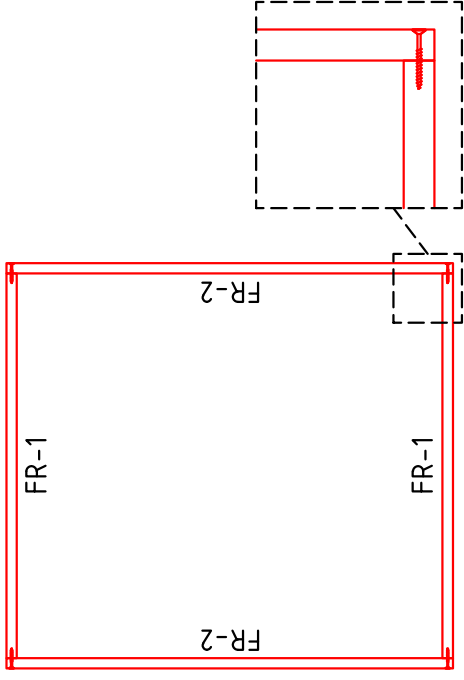


4. Cut gable edge boards to length and fix with 4,2x55 screws.

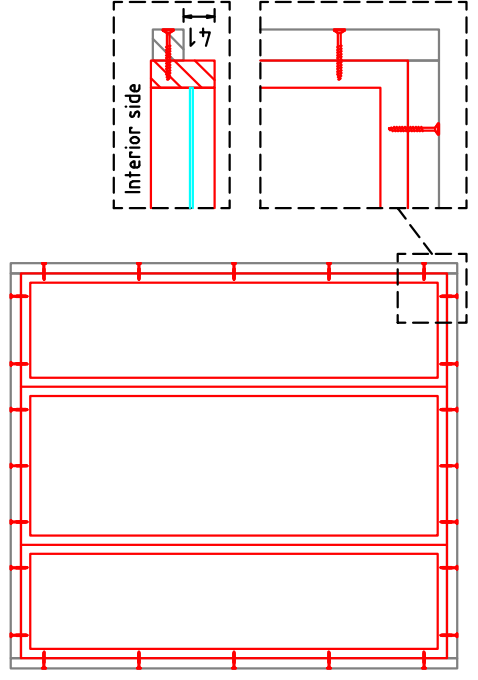


# FASTENING DOORS/WINDOWS

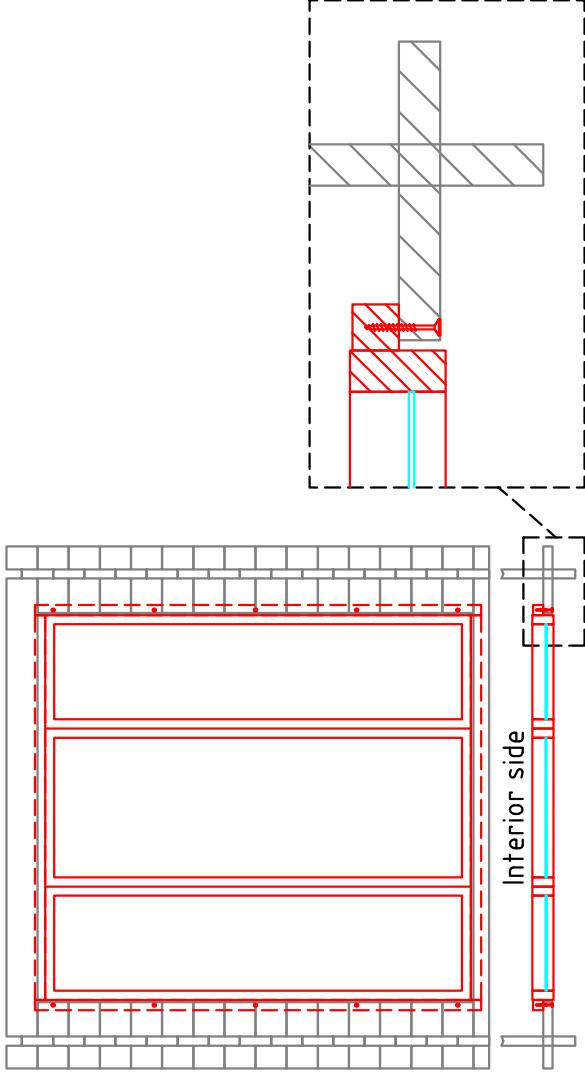
1. Screw together 45x45 frame pieces using 5x90 screws.



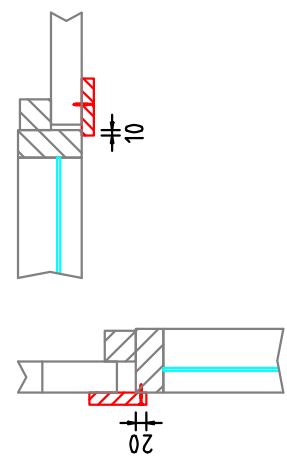
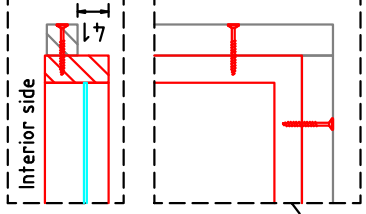
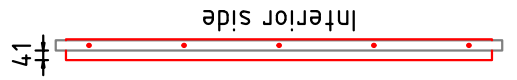
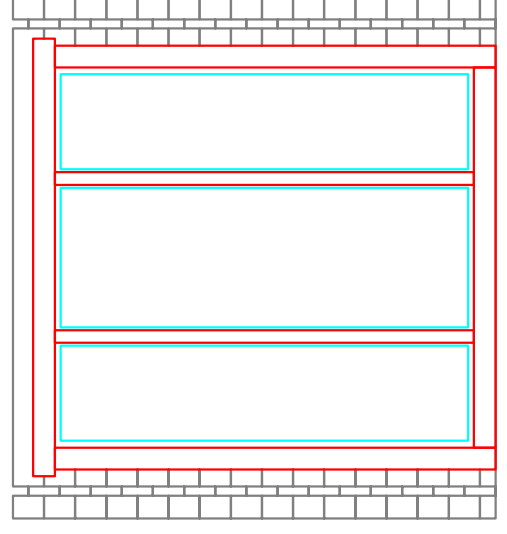
2. Fix frame to door/windows with 4,5x70 screws. Remember that 45x45 frame goes inside the house.



3. Lift door/windows in place and fasten it by screwing 4,5x70 screws through wall to frame.

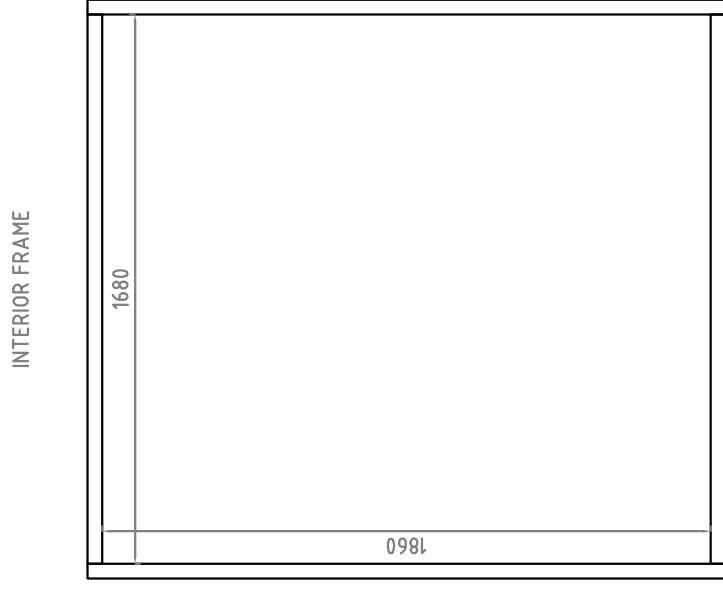
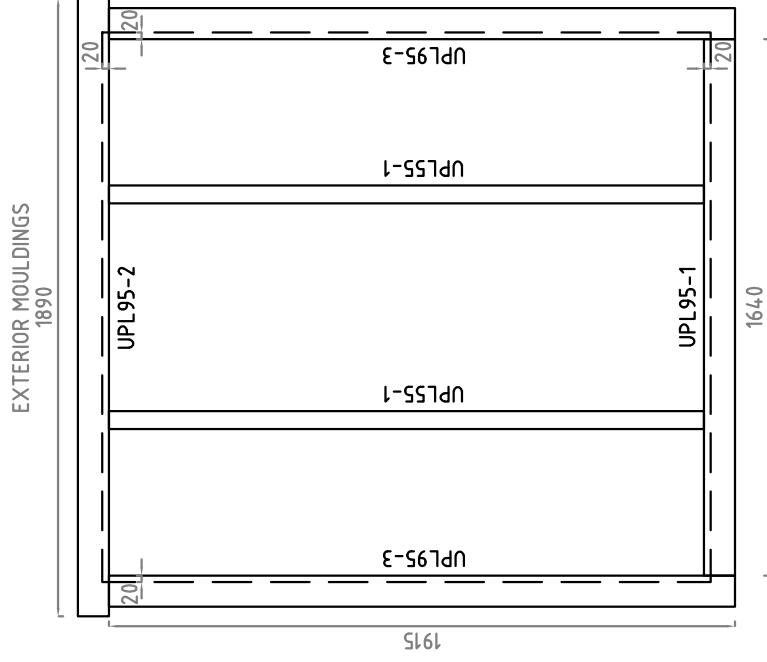
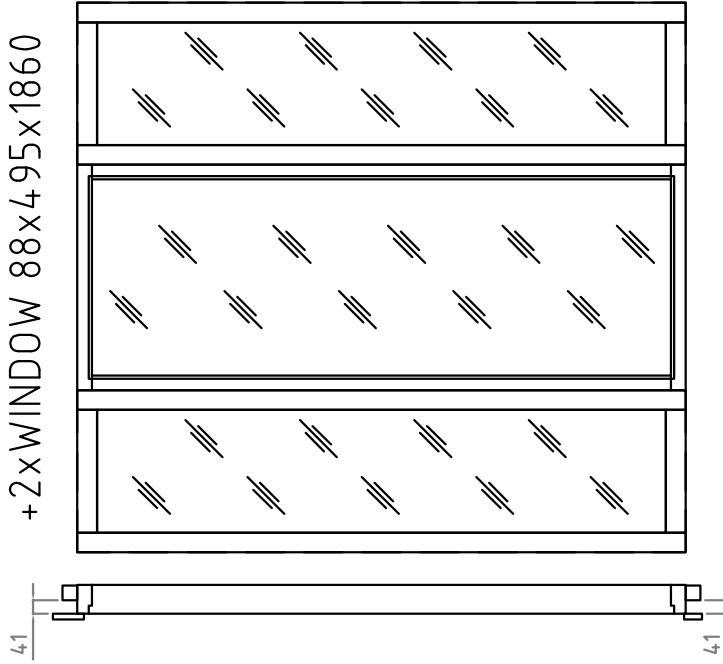


4. Fasten mouldings with 3x40 screws. Mouldings on sides should cover about 10mm and upper moulding should cover about 20mm.



# DOOR/WINDOW MOULDINGS

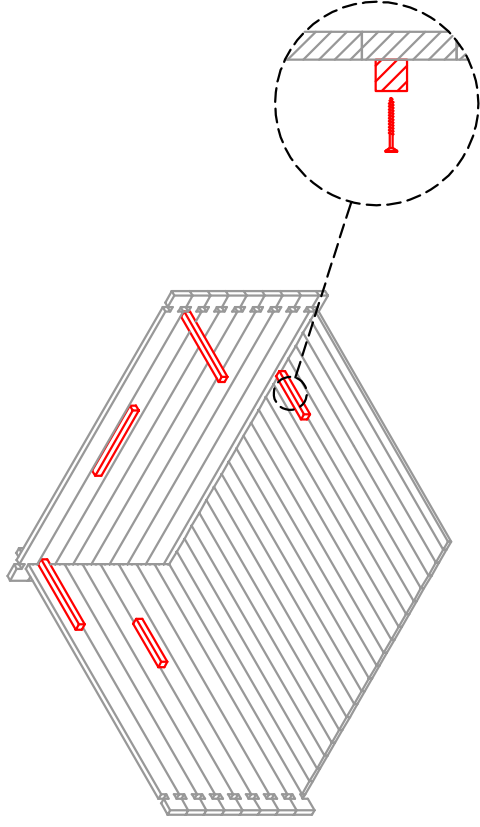
GLASS DOOR 88x690x1860  
+ 2x WINDOW 88x495x1860



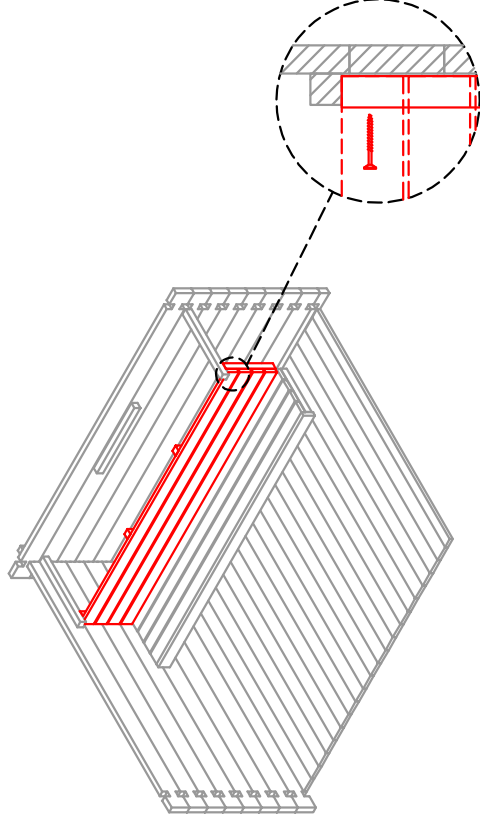
# FASTENING BENCH MODULES

This is an overall manual for bench modules. You can skip some of the steps depending on the set (for example if there is no bench skirt). Precise heights for bench supports and benches can be found on the next page.

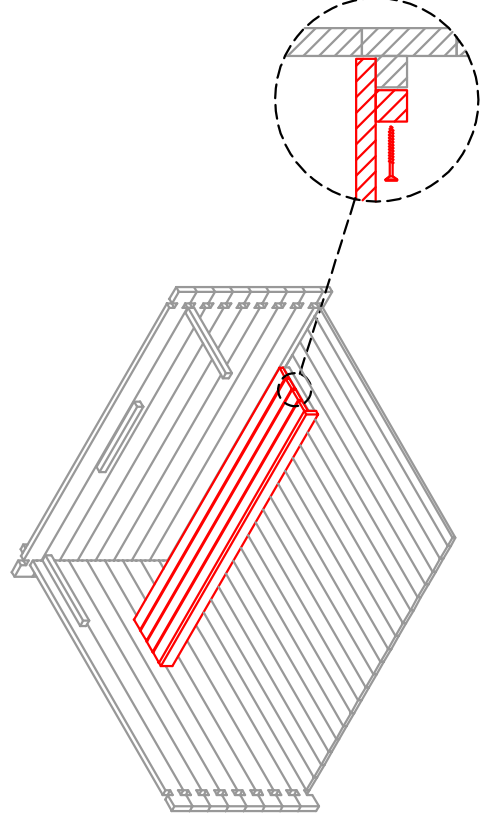
1. Fasten bench supports with screws to wall. Use glue between wall and support for stronger connection.



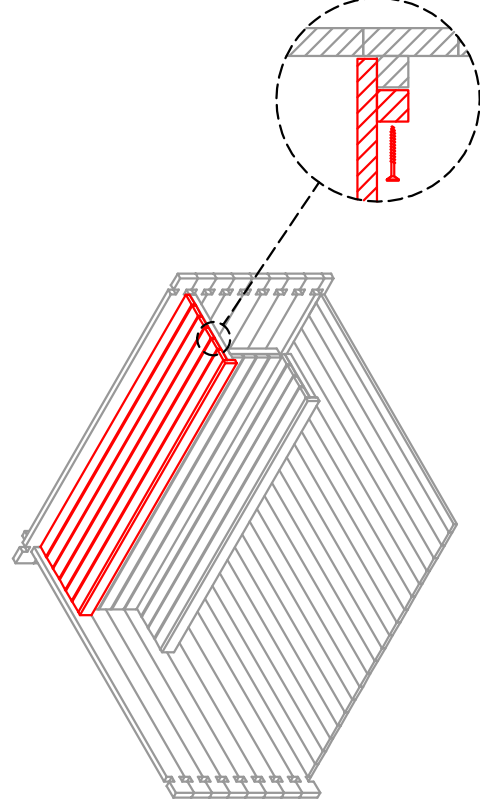
3. Lift bench skirt in place, attach it to wall from sides and to lower bench in middle. There should be 8mm gap between lower bench and bench skirt.



2. Lift modules in place and fix them to the supports on the walls. Do not install upper module in case there is bench skirt in set.



4. Place upper module and fix it in place as described in step two.





# CROSS-SECTION OF SAUNA ROOM AND HEIGHT OF BENCH MODULES

Use 4,5x70 screws to fasten bench supports to walls and to fix benches to already fixed supports. Lower module position is approximate (can be placed according to your own preference).

