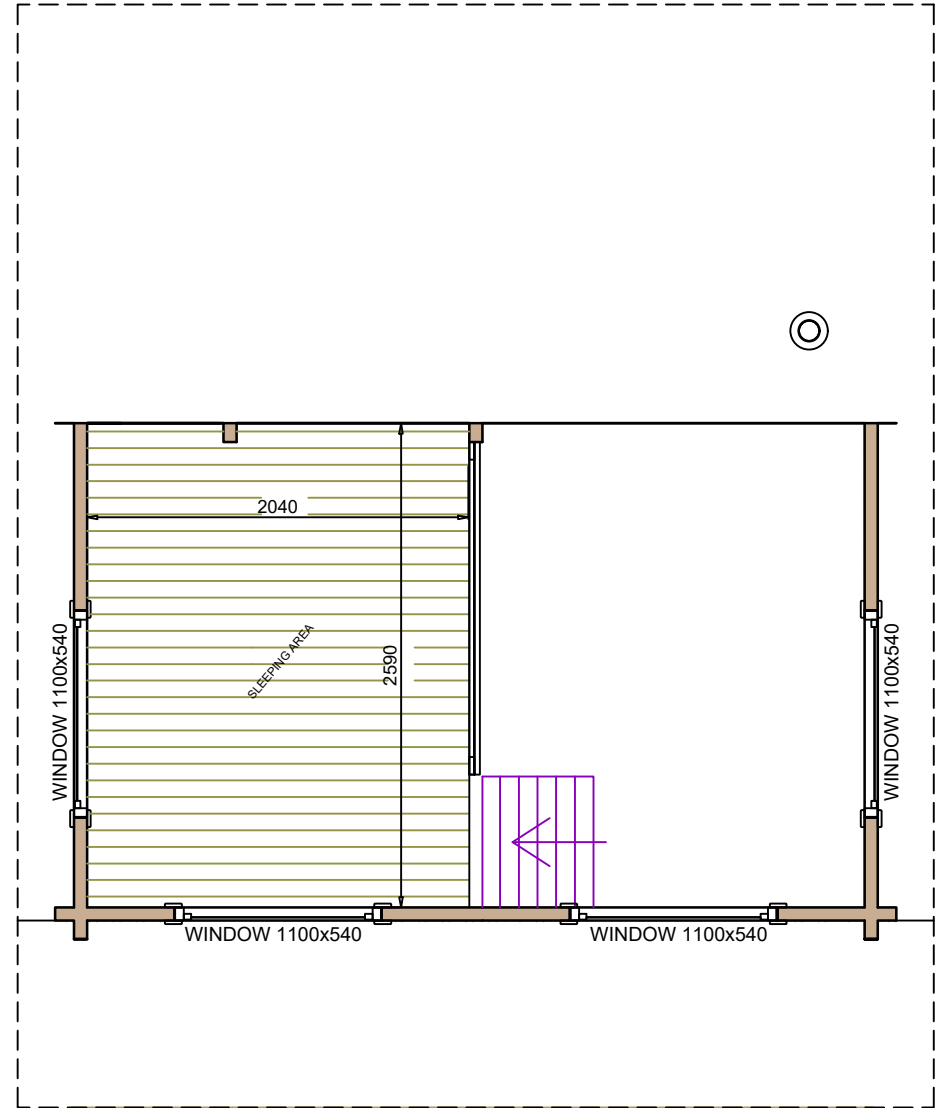
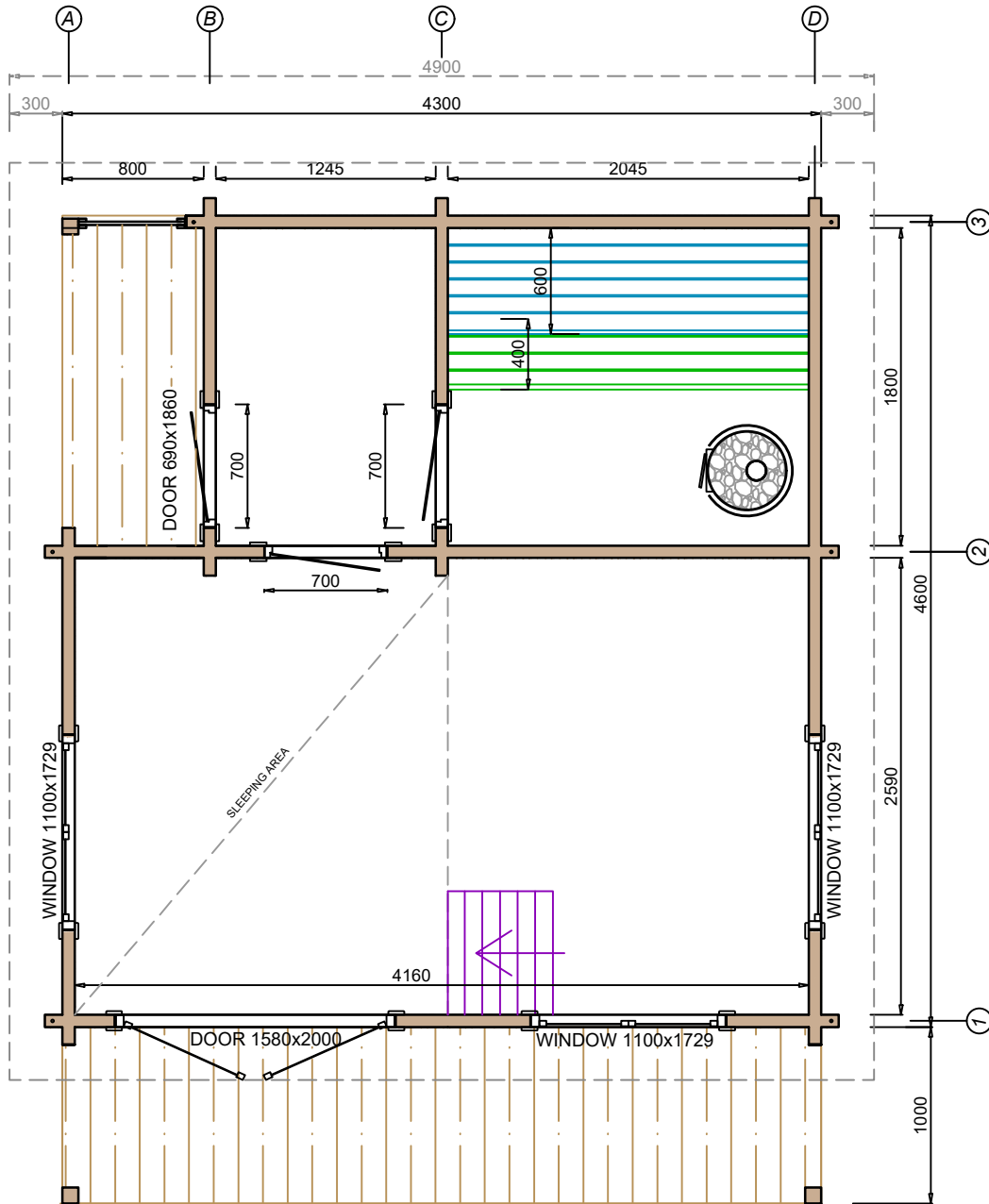


KOKKOLA

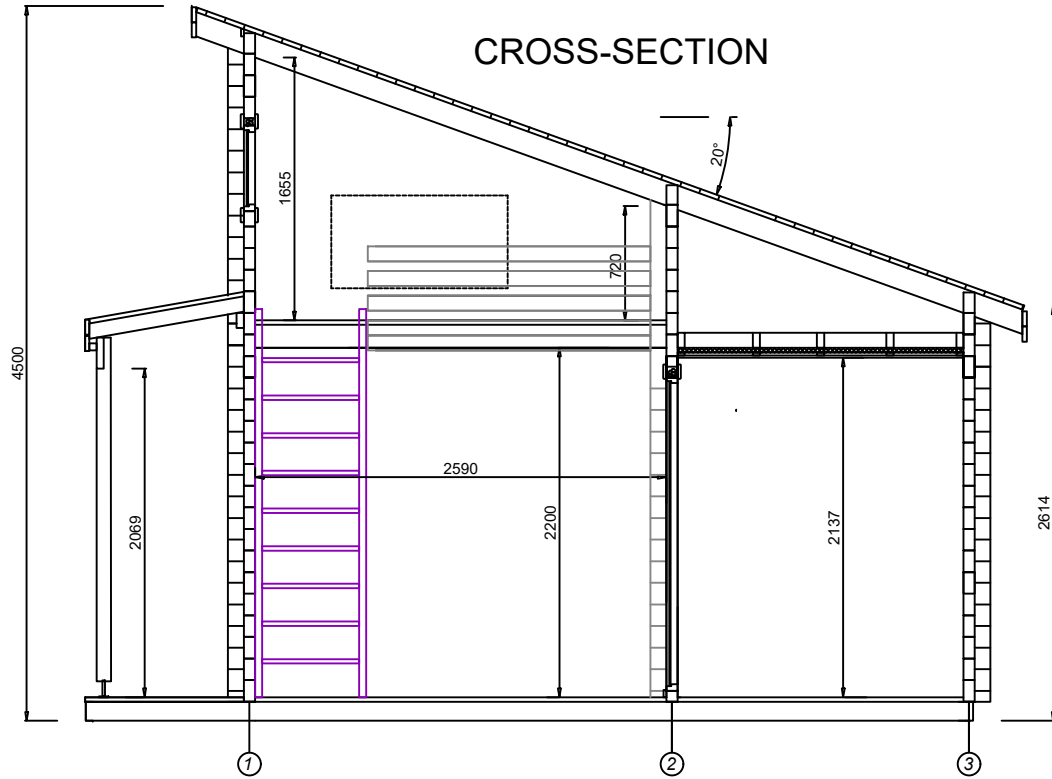
Installation drawings



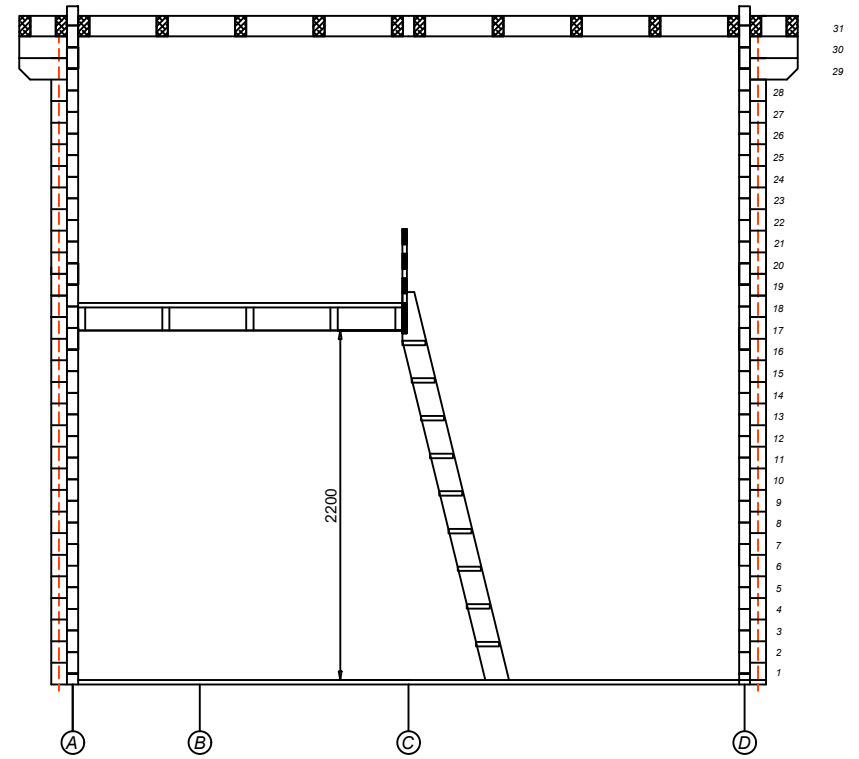
TOP VIEW



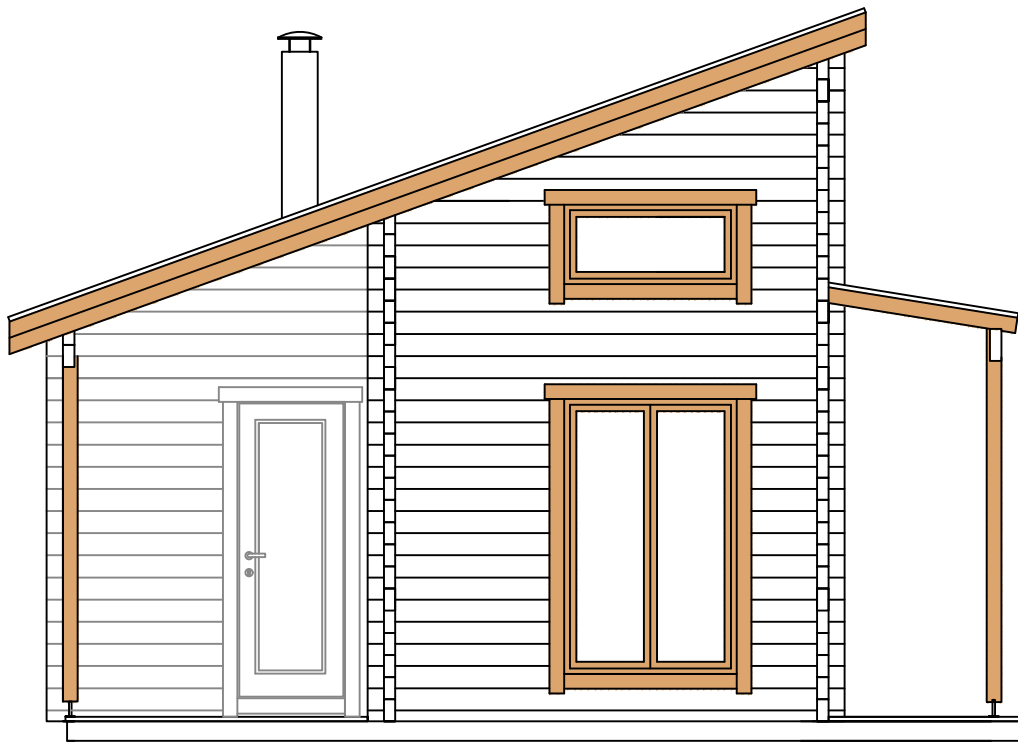
CROSS-SECTION



CROSS-SECTION



LEFT VIEW












FRONT VIEW



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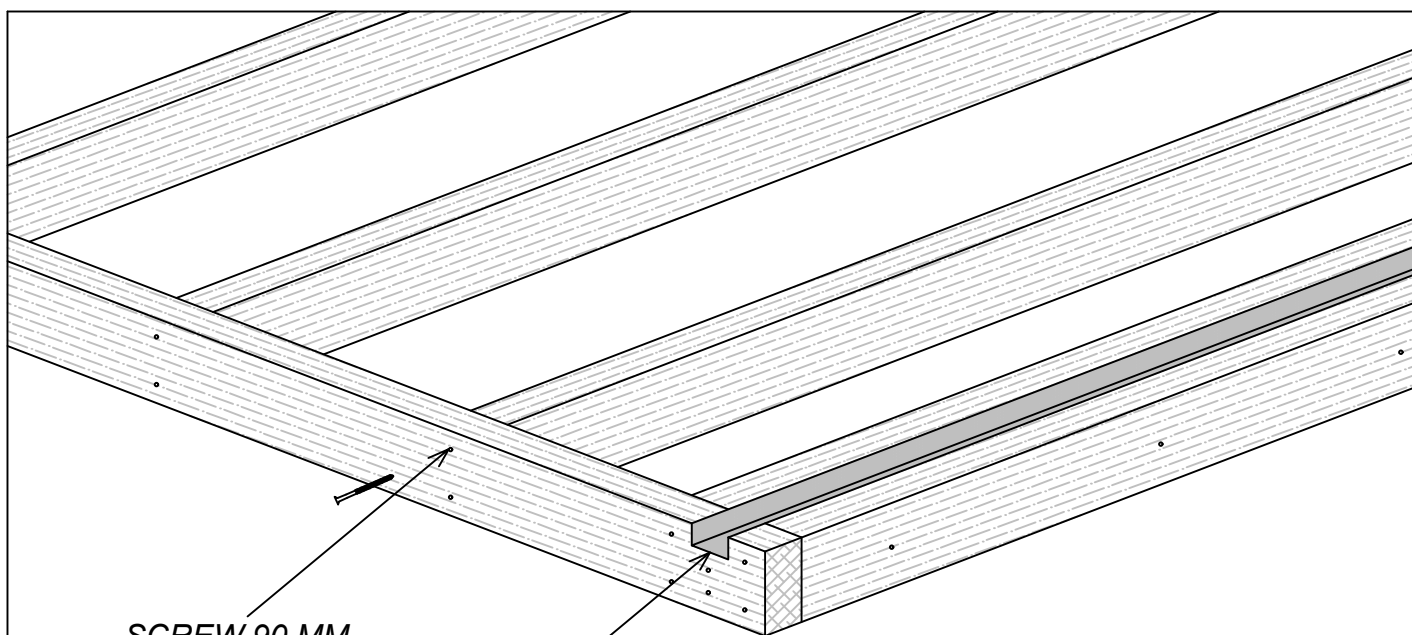
marking			LENGTH	PCS	
WALLS					
	WALL LOGS 70x146				
	HAMMER BLOCK 70 MM			2	
CEILING / ROOF					
KL-1	24x121 ROOF BOARD		4900	50+4	
SR-1	70x145 ROOF RAFTER		5580	13	
SR-2	70x145 ROOF RAFTER		3380	1	
SR-3	45x145 ROOF RAFTER		1966	1	
LI-2	15x55 DISTANCE BOARD FOR CEILING BOARD		1795	8	
SL-2	STP 14x121 CEILING BOARD SAUNA ROOM		2042	18	
SL-3	STP 14x121 CEILING BOARD WASHING ROOM		1242	18	
SR-4	45x145 CEILING BEAMS FRONT ROOM		2585	5	
SR-5	45x95 CEILING BEAMS SAUNA AND WASHING ROOM		1795	8	
SL-4	28x95 COVERING BOARD FRONT CEILING		~2,6	2	
RL-1	18x95 ROOF EDGE BOARD	oversize	~5,1	10	
PP-1	15x55 FLOOR AND CEILING MOULDINGS	oversize	~4,5	18	
EXTRA	45x45 EXTRA DETAIL		~3m +	1	
FLOOR					
AR-1	45x120 FLOOR FRAME		5585	2	
AR-2	45x120 FLOOR FRAME		4190	16	
AR-3	45x120 FLOOR FRAME		2145	2	
AR-4	45x120 FLOOR FRAME		400	4	
AR-5	45x95 FLOOR FRAME		2045	1	
PL-1	24x120 FLOOR BOARD FRONT ROOM		2585	37+5	
PL-2	24x120 FLOOR BOARD WASHING ROOM		1795	11+2	
PL-4	24x120 FLOOR BOARD SAUNA ROOM		1765	19+2	
PL-3	24x120 FLOOR BOARD LOFT		2040	23+3	
TR-1	28x120 DECKING BOARD		1870	7	

TR-2	28x120 DECKING BOARD	oversize	1020	40	
FRONT ROOF					
VK-1	45x95 RAFTER SUPPORT DETAIL		4160	1	
SR-VK	45x95 ROOF RAFTER		1004	9	
VK-2	45x195 RAFTER CARRIER		4300	1	
VK-3	45x45 SUPPORT DETAIL		4300	2	
KL-VK	24x120 ROOF BOARD		4300	10	
RL-VK	18x95 ROOF EDGE BOARD		~4,4+	4	
PL-VK	18x95 ROOF EDGE BOARD		4300	1	
DOORS-WINDOWS					
	WINDOW 1100x1729			3	
	WINDOW 1100x540			4	
	DOOR 1580x2000 2-PART			1	
	GLASS DOOR 690x1980 WASHING ROOM			1	
	GLASS DOOR 690x1980 SAUNA ROOM			1	
UK-1	18x95 DOOR MOULDING		2015	4	
UK-2	18x95 DOOR MOULDING		1960	8	
UK-3	18x95 DOOR MOULDING		910	6	
extra	18x95 DOOR MOULDING		~2,4+	2	
TE-1	T-SHAPE FIXING FILLET		2000	2	
TE-2	T-SHAPE FIXING FILLET		1980	4	
TE-3	T-SHAPE FIXING FILLET		1729	6	
TE-4	T-SHAPE FIXING FILLET		540	8	
	LADDER 700x2532			1	
	BENCH SET + SUPPORTS			1	
POST-1	90x90 CORNER POST		2184	1	
POST-VK	90x90 CORNER POST		2164	2	
VS-1	GRID WALL 605x2140			1	
	28x95 RAILING FOR LOFT		1780	5	

	28x95 RAILING FOR LOFT		655	4	
	WATER DRAINAGE GUTTER			1	
	VENTILATION LOUVER WOOD D100			2	
	VENTILATION GRID D100			4	
	PIR INSULATION FOR CEILING 30x600x1200			9	
	FOIL TAPE			1	
	THREADED ROD M10 L=2000			8	
	THREADED ROD M10 L=1170			2	
	THREADED ROD M10 L=610			2	
	THREADED ROD M10 L=120			2	
	LENGTHENING BOLT FOR TREADED ROD			8	
	DRIVE NUT FOR TREADED ROD			6	
	PLAIN WASHER FOR TREADED ROD			6	
	NUT FOR TREADED ROD			6	
	METAR CORNER FOR GRID WALL VS-1			5	
	METAL BRACKET 40x40 FOR FRONT ROOF			18	
	POST HEIGHT ADJUSTMENT FOR NP-1			3	
	PLAIN WASHER M5 FOR METAL CORNER			6	
	NAIL 1.4x40 FOR CEILING BOARD				
	ROOF NAIL 75MM			~1200	
	BEAM BRACKET 45x97 (SAUNA AND WASHING ROOM)			8	
	BEAM BRACKET 45x137 (LOFT BEAMS)			10	
	SCREW 3,5x40 A2 STAINLESS FOR MOULDINGS			600	
	SCREW 4,2x55 A2 STAINLESS FOR DECKING			400	
	SCREW 4,5x70 ASSY FOR ROOF EDGE			400	
	SCREW 5,0x90 ASSY FOR FLOOR FRAME AND WALL LOGS			200	
	SCREW 3,5x50 FOR FLOOR BOARD			600	
	SCREW 4,5x80 FOR BENCH SUPPORTS AND GRID WALL			400	
	SCREW 5,0x120 FOR CEILING BEAMS			200	

	SCREW 5,0x120 FOR FIRST WALL ROW			200	
	SCREW 5,0x120 FOR FRONT ROOF RAFTERS			100	
	SCREW 6,0x180 FOR ROOF RAFTERS AND WALL LOGS			400	
	SCREW 4,8x40 FOR METAL CORNERS			300	

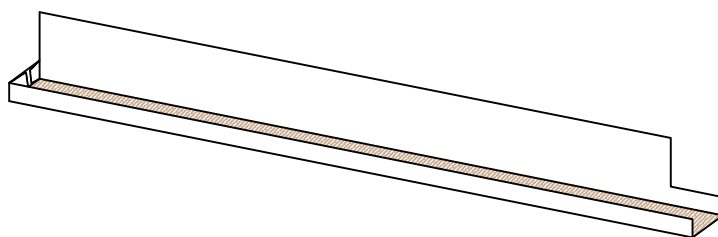
FLOOR FRAME



SCREW 90 MM

CUTOUT 45x25
FOR WATER DRAINAGE

INSTALL THE WATER DRAINAGE DETAIL BEFORE FLOOR BOARDS
FIX WITH FLOOR MOULDING



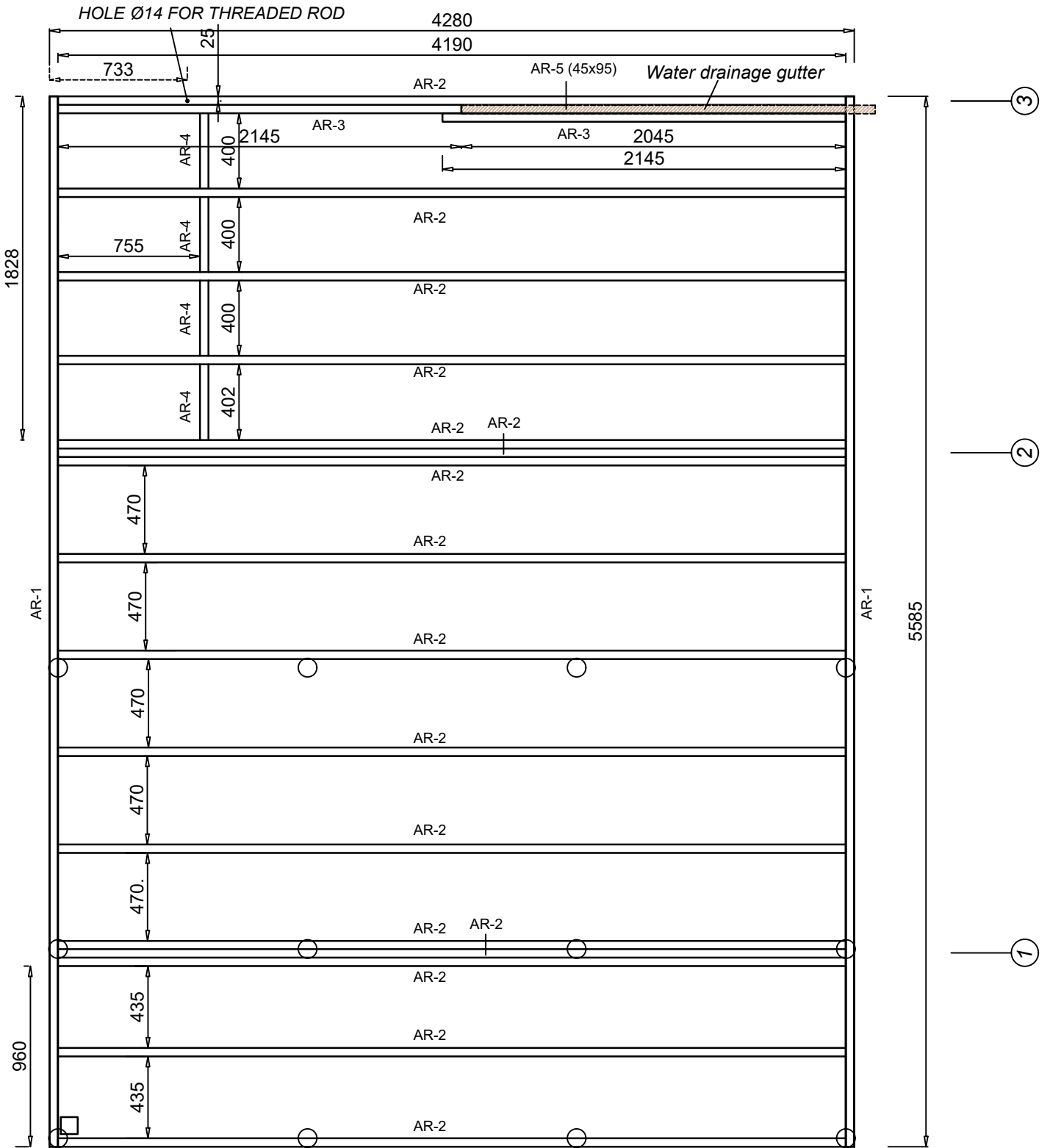
A

B

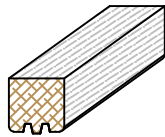
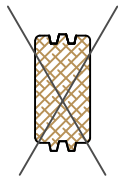
C

D

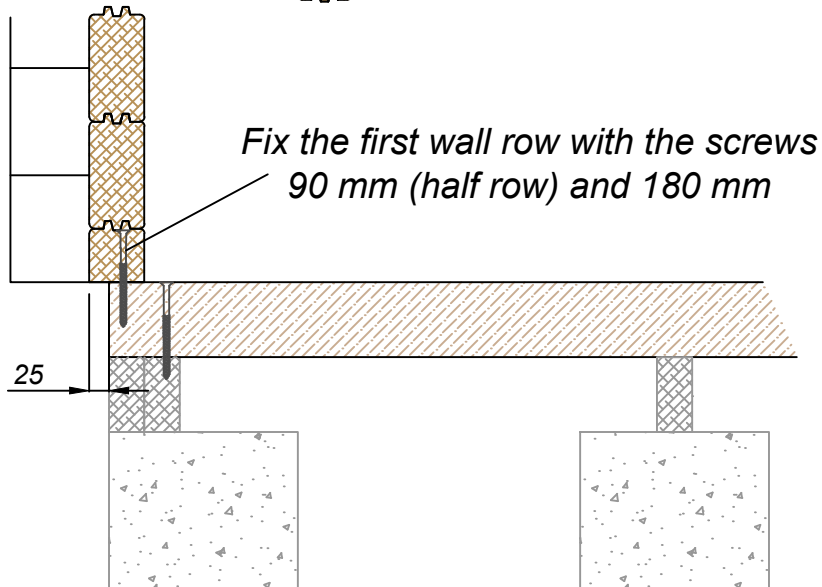
FLOOR FRAME 45x120



FIRST ROW

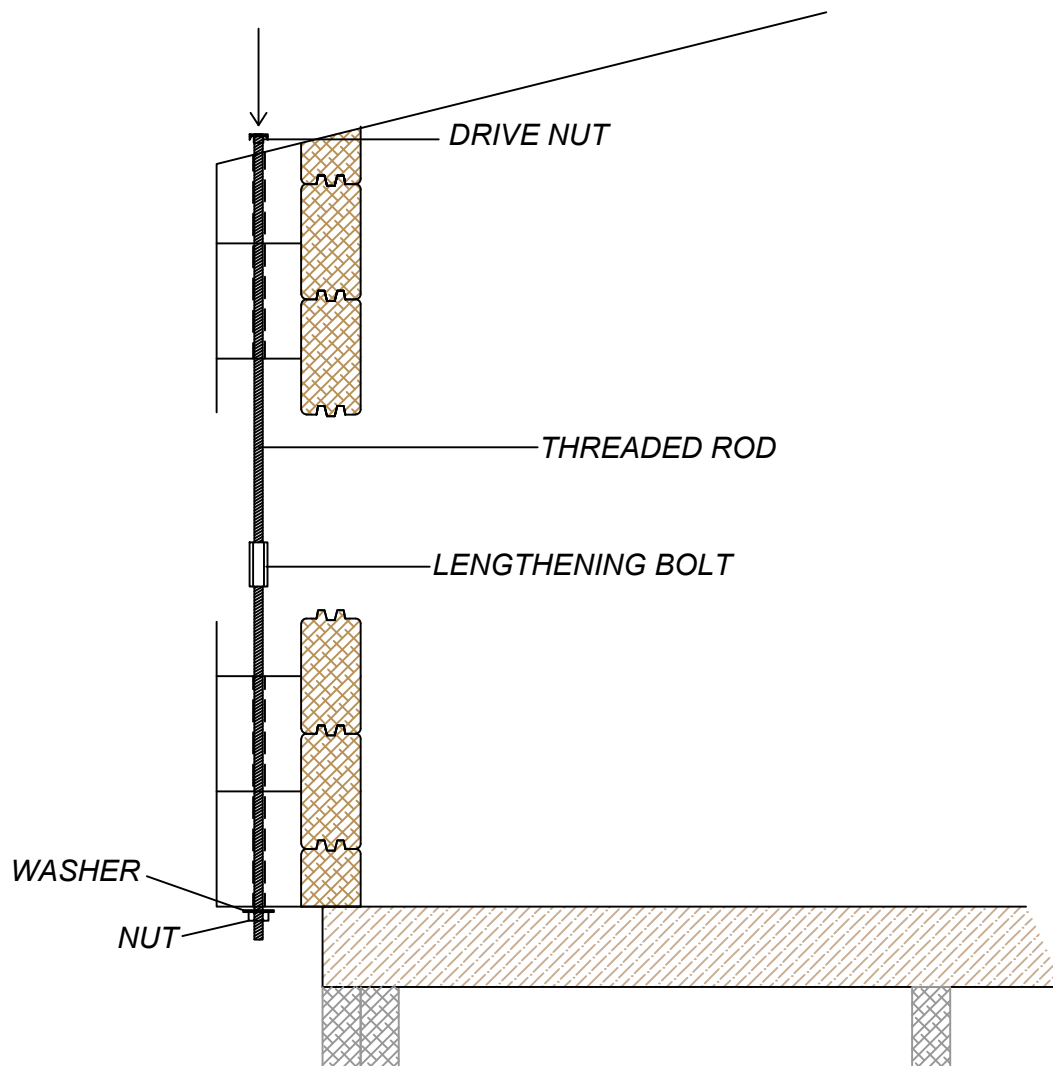


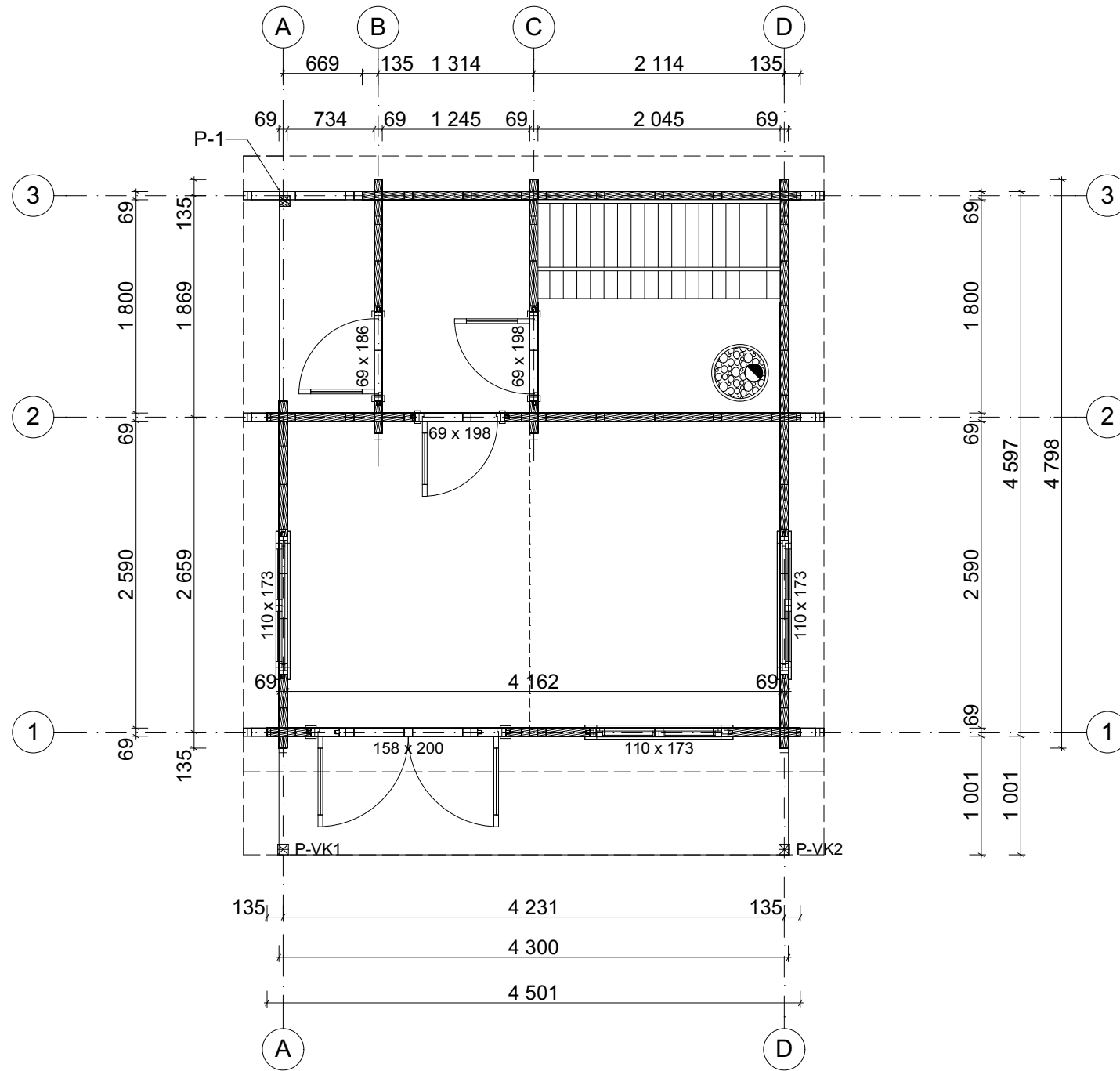
Use rubber hammer and hammer block

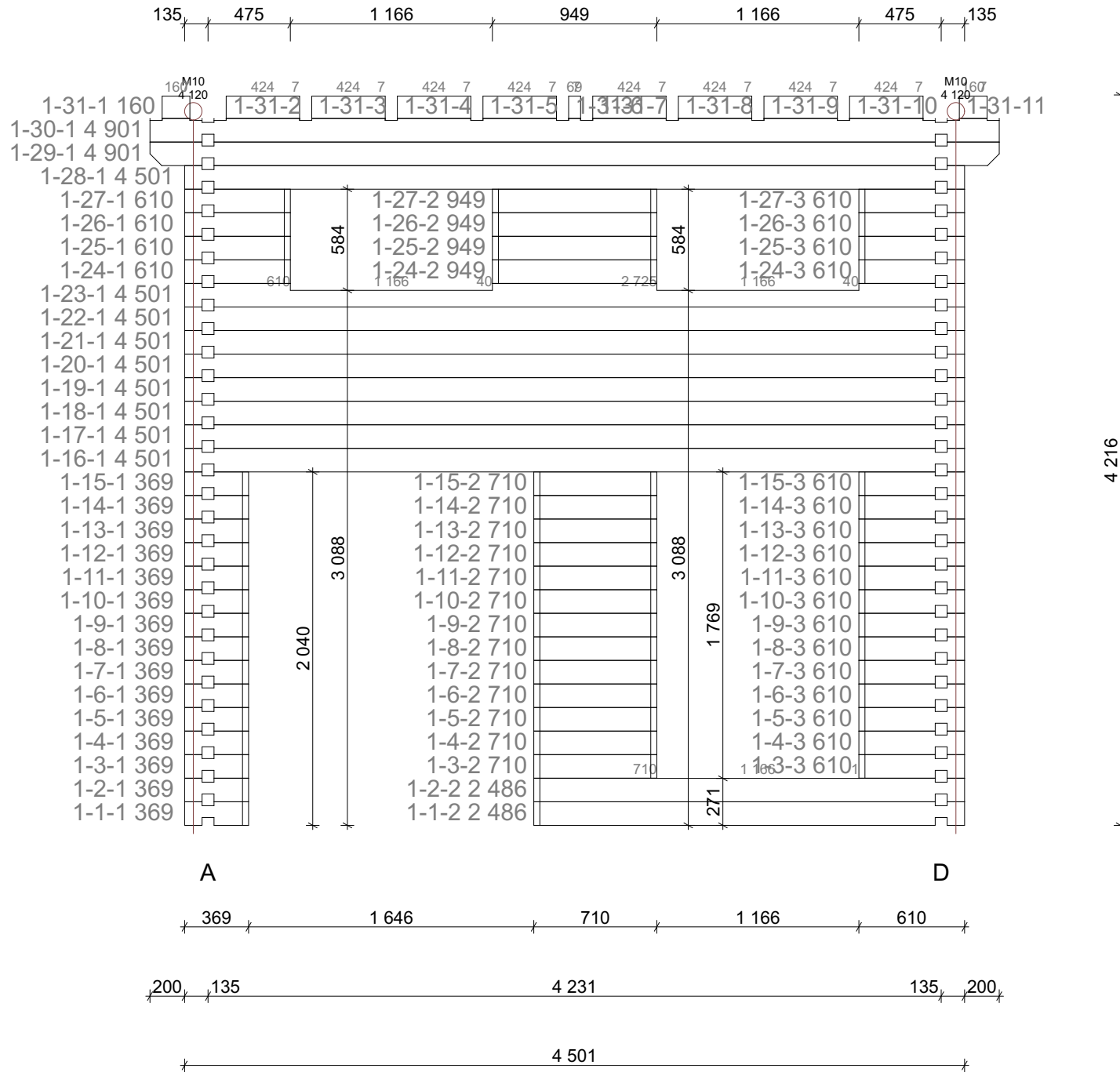


THREADED RODS

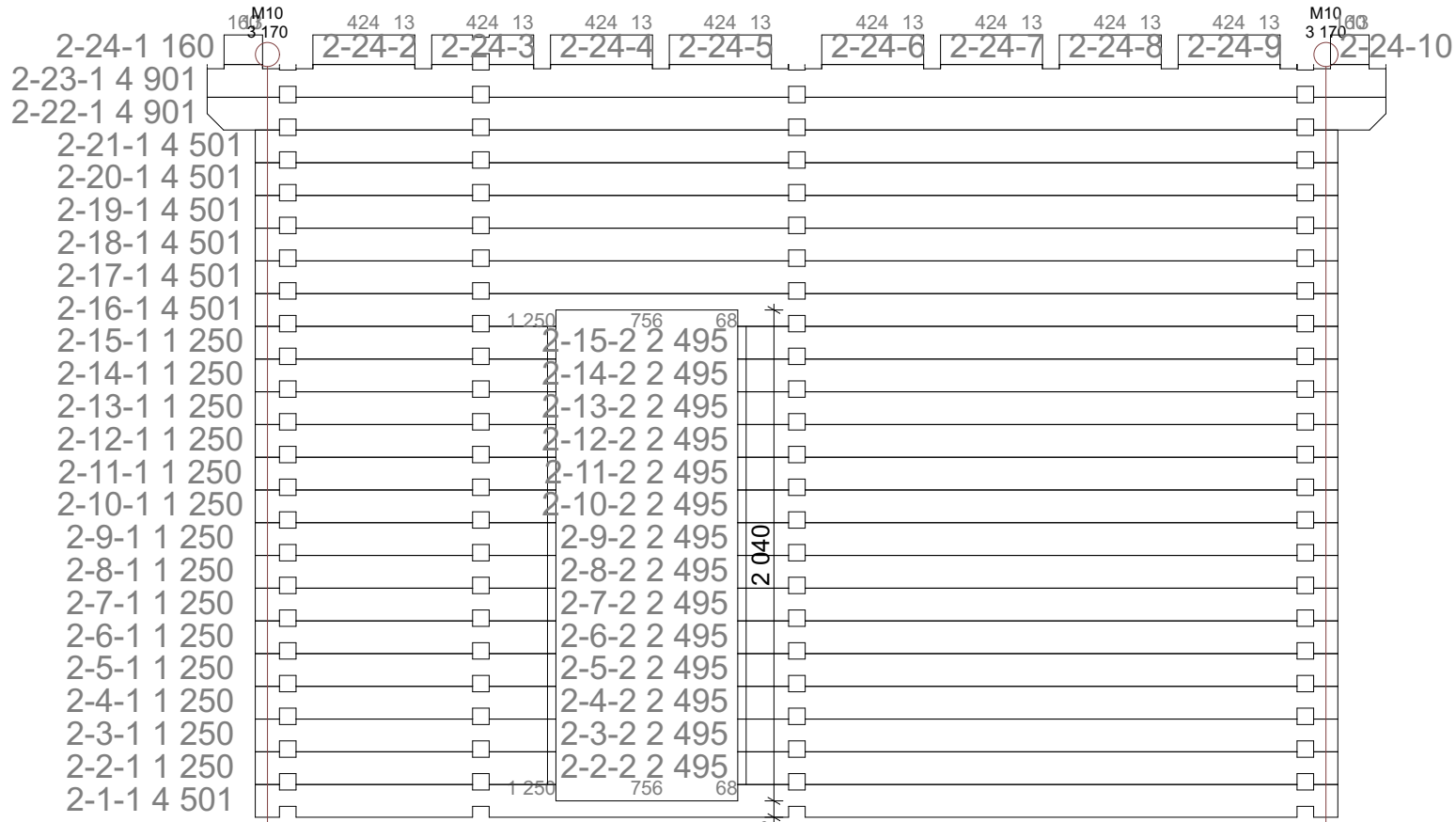
WHEN INSTALLING THE WALL LOGS,
PLEASE CHECK THAT ALL THE HOLES ARE DRILLED!



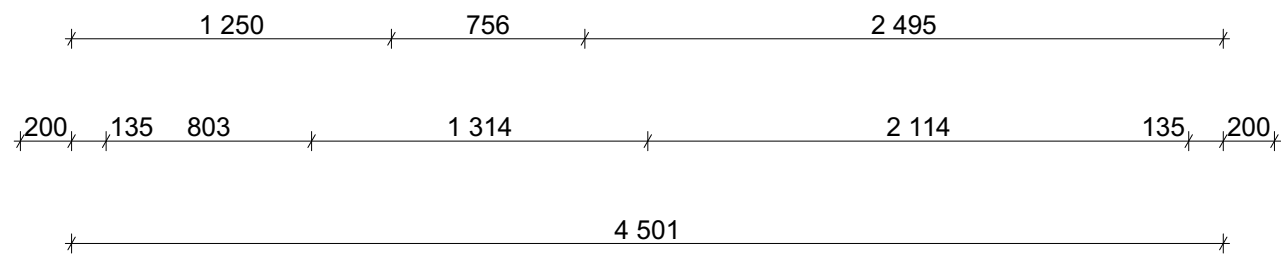




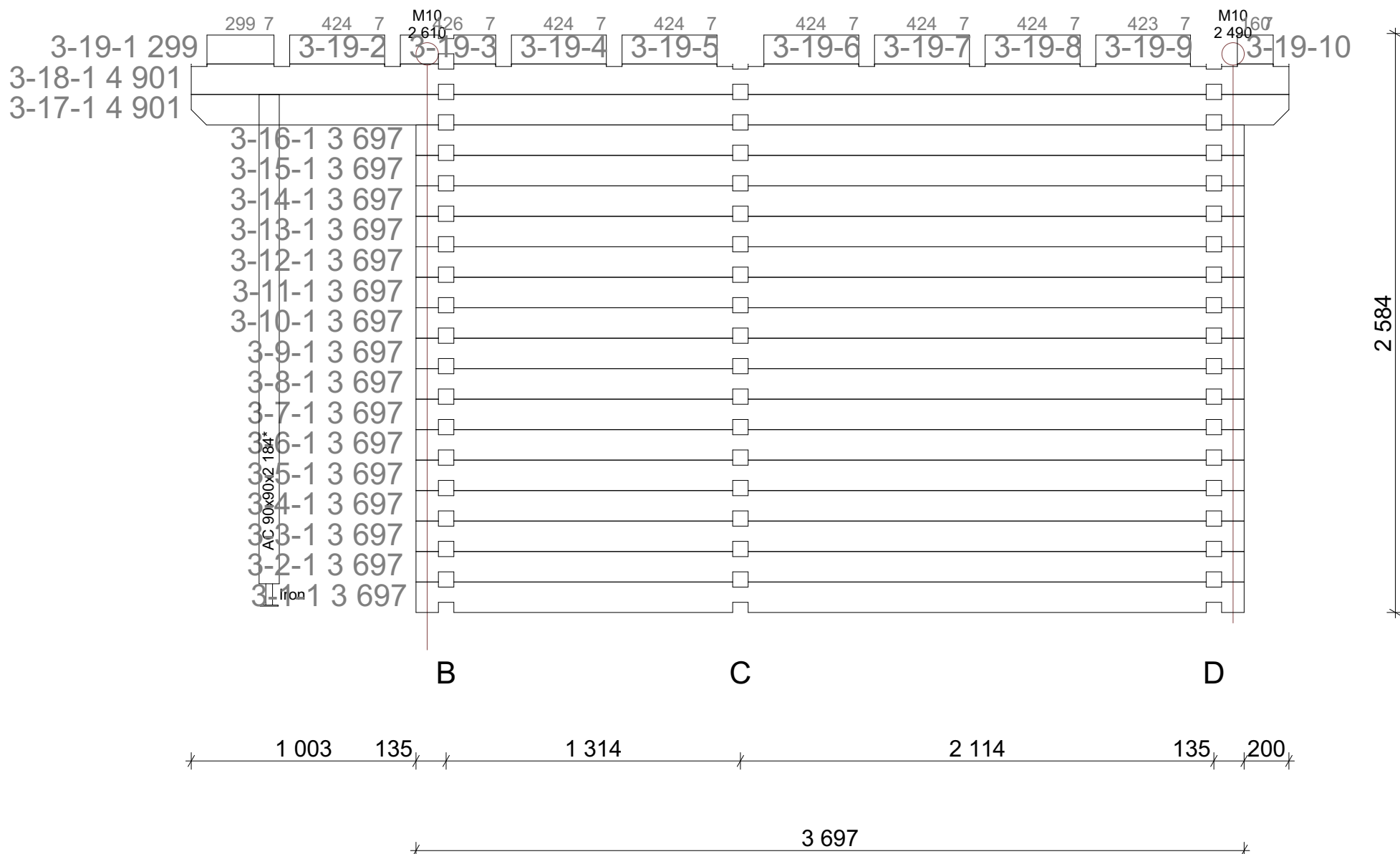
Wall drawing 1



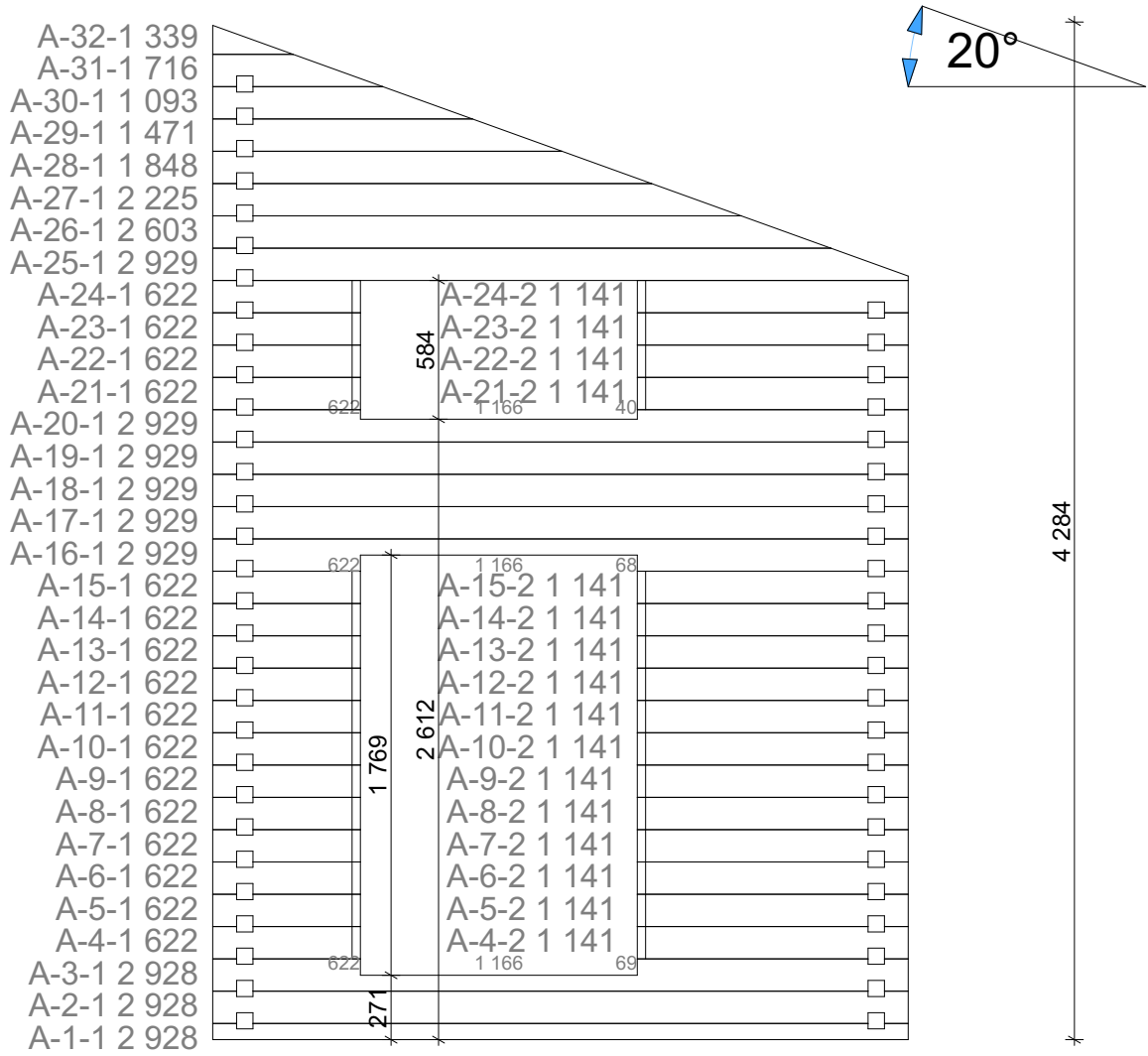
A B C D



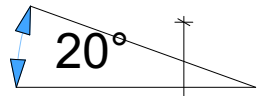
Wall drawing 2



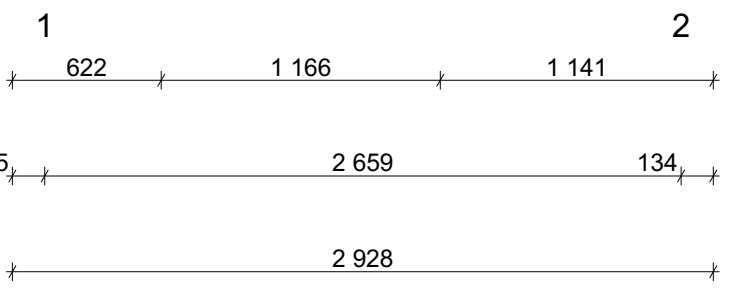
Wall drawing 3



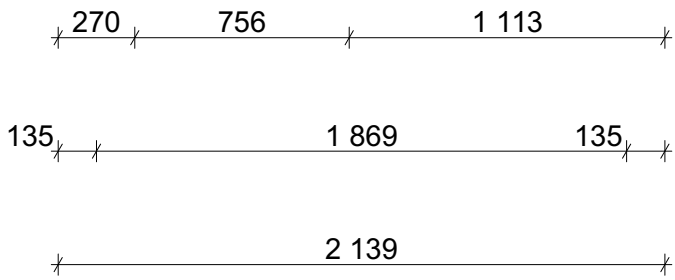
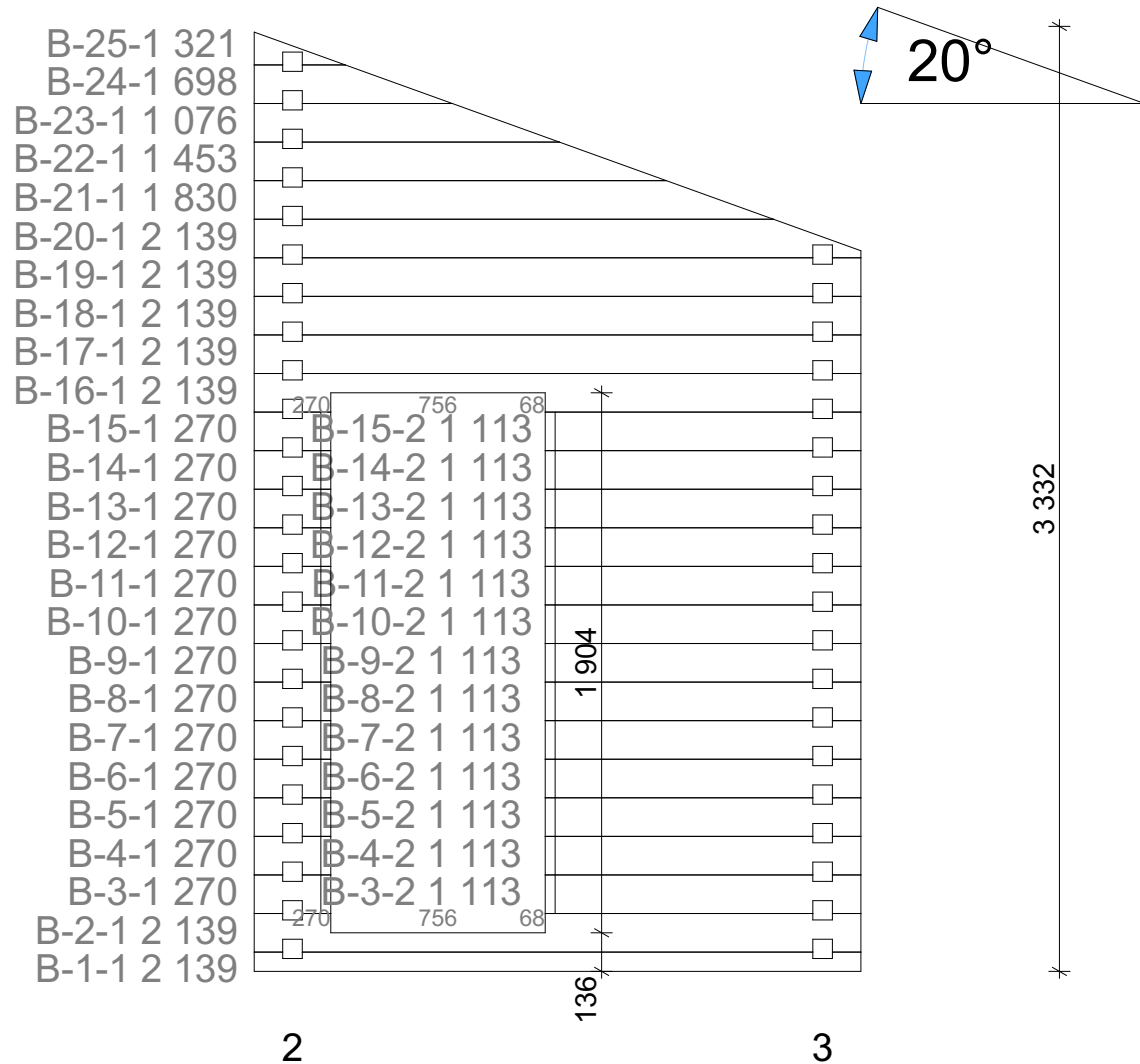
- A-32-1 339
- A-31-1 716
- A-30-1 1 093
- A-29-1 1 471
- A-28-1 1 848
- A-27-1 2 225
- A-26-1 2 603
- A-25-1 2 929
- A-24-1 622
- A-23-1 622
- A-22-1 622
- A-21-1 622
- A-20-1 2 929
- A-19-1 2 929
- A-18-1 2 929
- A-17-1 2 929
- A-16-1 2 929
- A-15-1 622
- A-14-1 622
- A-13-1 622
- A-12-1 622
- A-11-1 622
- A-10-1 622
- A-9-1 622
- A-8-1 622
- A-7-1 622
- A-6-1 622
- A-5-1 622
- A-4-1 622
- A-3-1 2 928
- A-2-1 2 928
- A-1-1 2 928



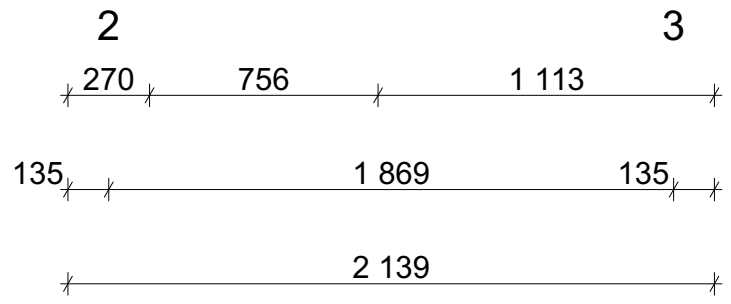
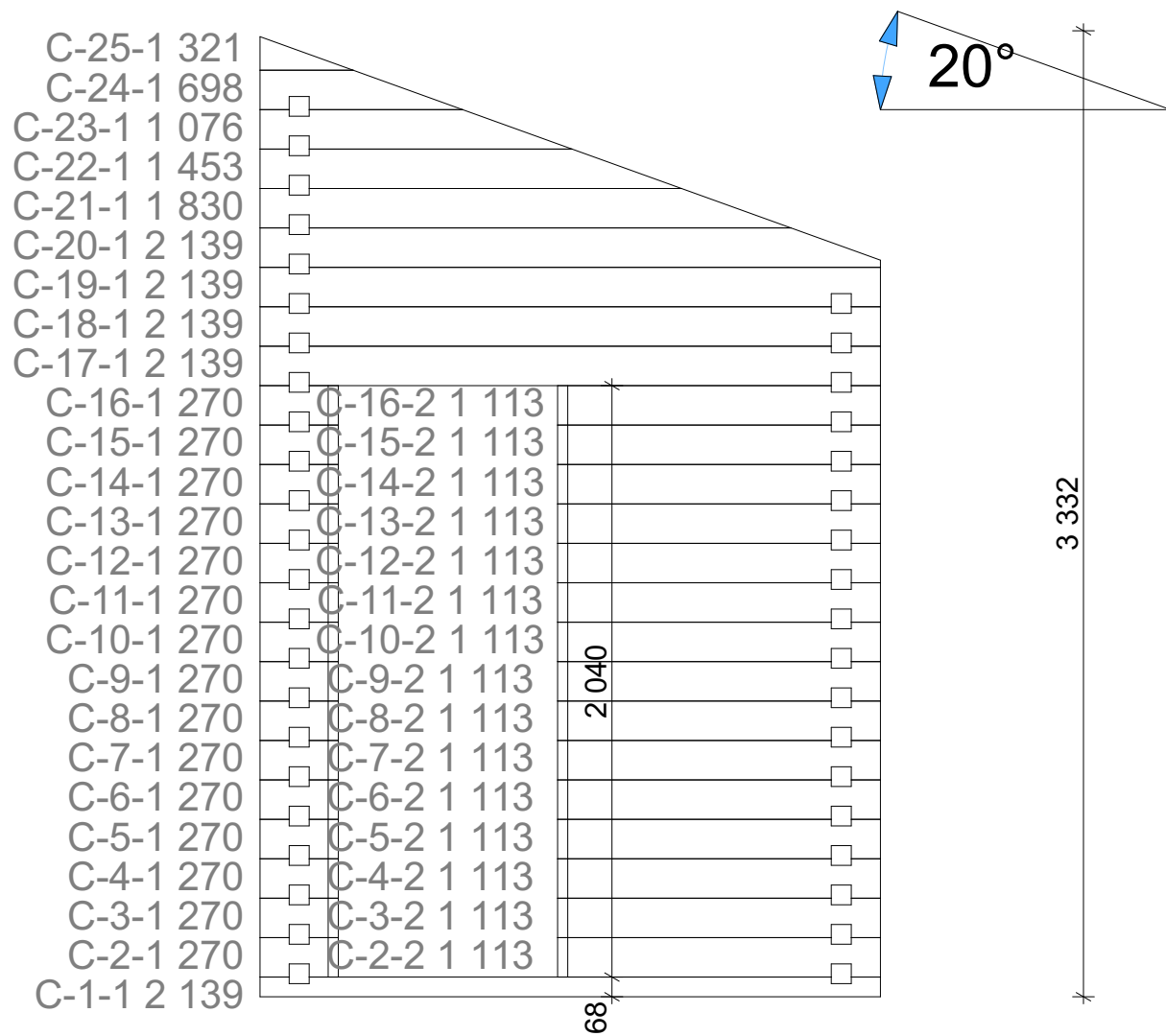
4 284



Wall drawing A

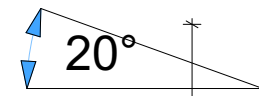
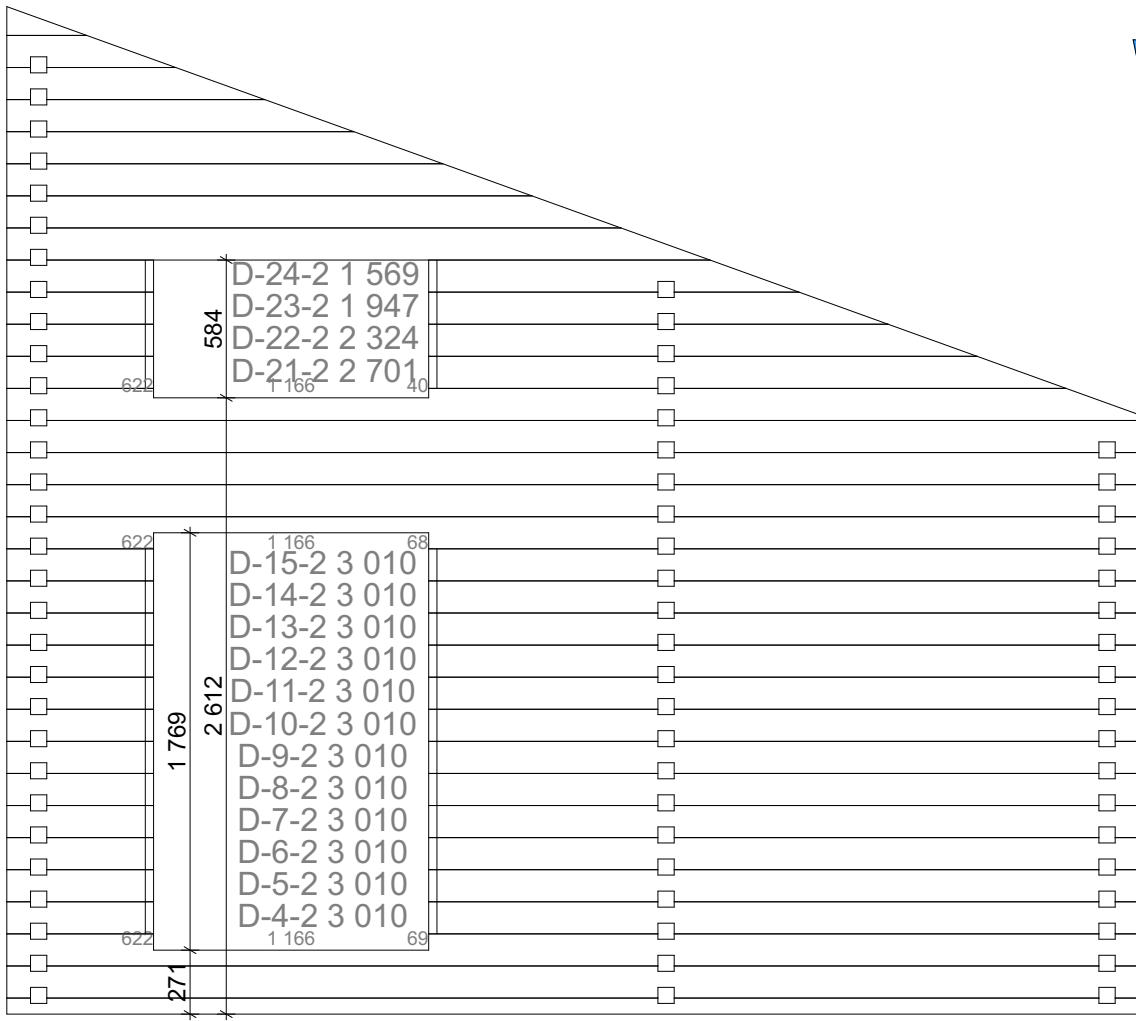


Wall drawing B



Wall drawing C

D-32-1 339
 D-31-1 716
 D-30-1 1 093
 D-29-1 1 471
 D-28-1 1 848
 D-27-1 2 225
 D-26-1 2 603
 D-25-1 2 980
 D-24-1 622
 D-23-1 622
 D-22-1 622
 D-21-1 622
 D-20-1 4 798
 D-19-1 4 798
 D-18-1 4 798
 D-17-1 4 798
 D-16-1 4 798
 D-15-1 622
 D-14-1 622
 D-13-1 622
 D-12-1 622
 D-11-1 622
 D-10-1 622
 D-9-1 622
 D-8-1 622
 D-7-1 622
 D-6-1 622
 D-5-1 622
 D-4-1 622
 D-3-1 4 798
 D-2-1 4 798
 D-1-1 4 798



4 284

1

2

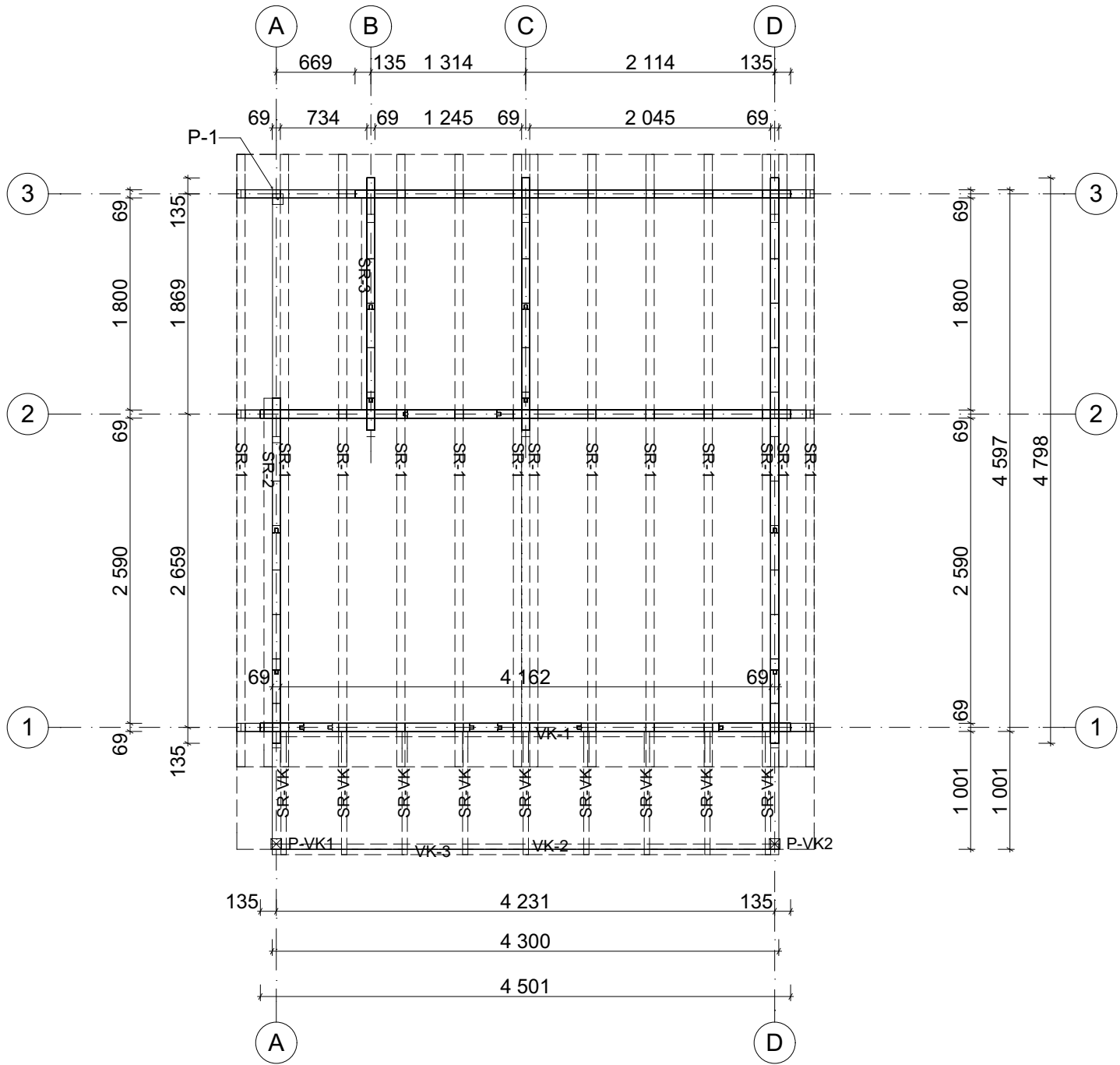
3

622 1 166 3 010

135 2 659 1 869 135

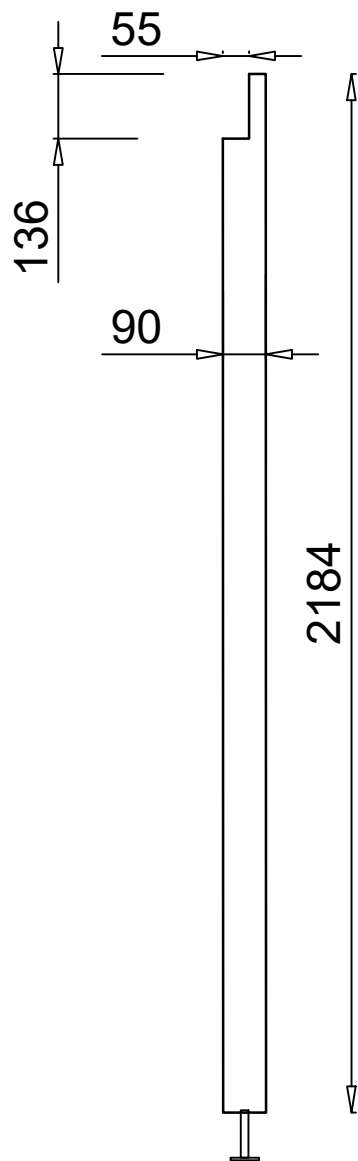
4 798

Wall drawing D

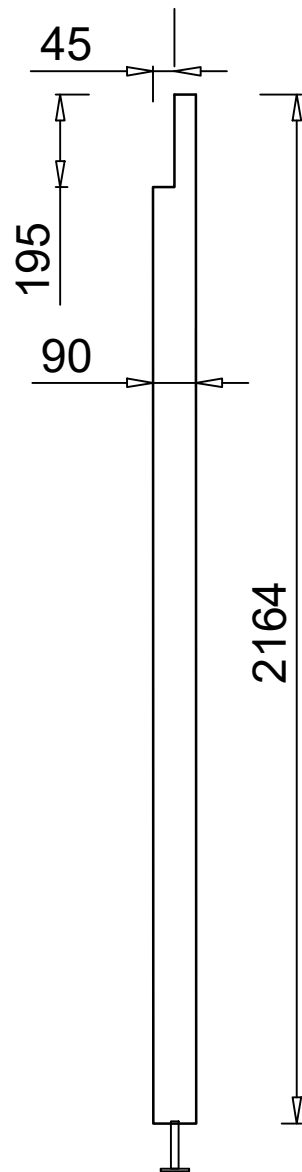


Roof rafters

POST-1



POST-VK (2 pcs)

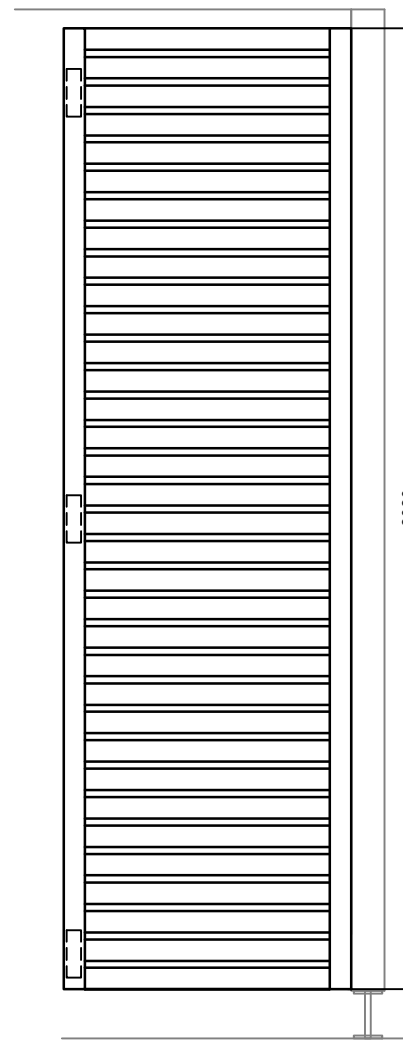


GRID WALL VS-1

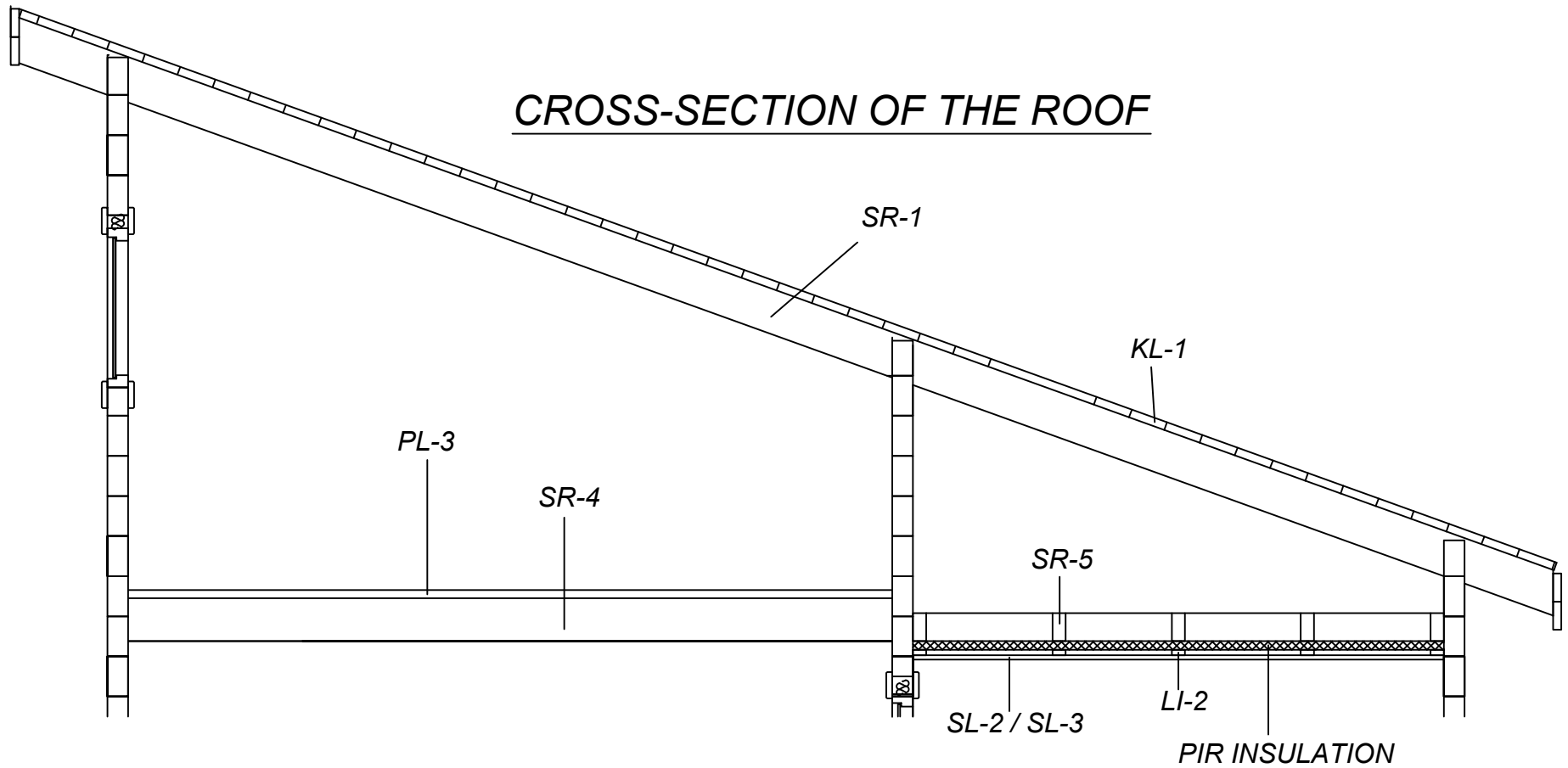
Fix to the wall with L-brackets
ALLOW MOVEMENT!

605

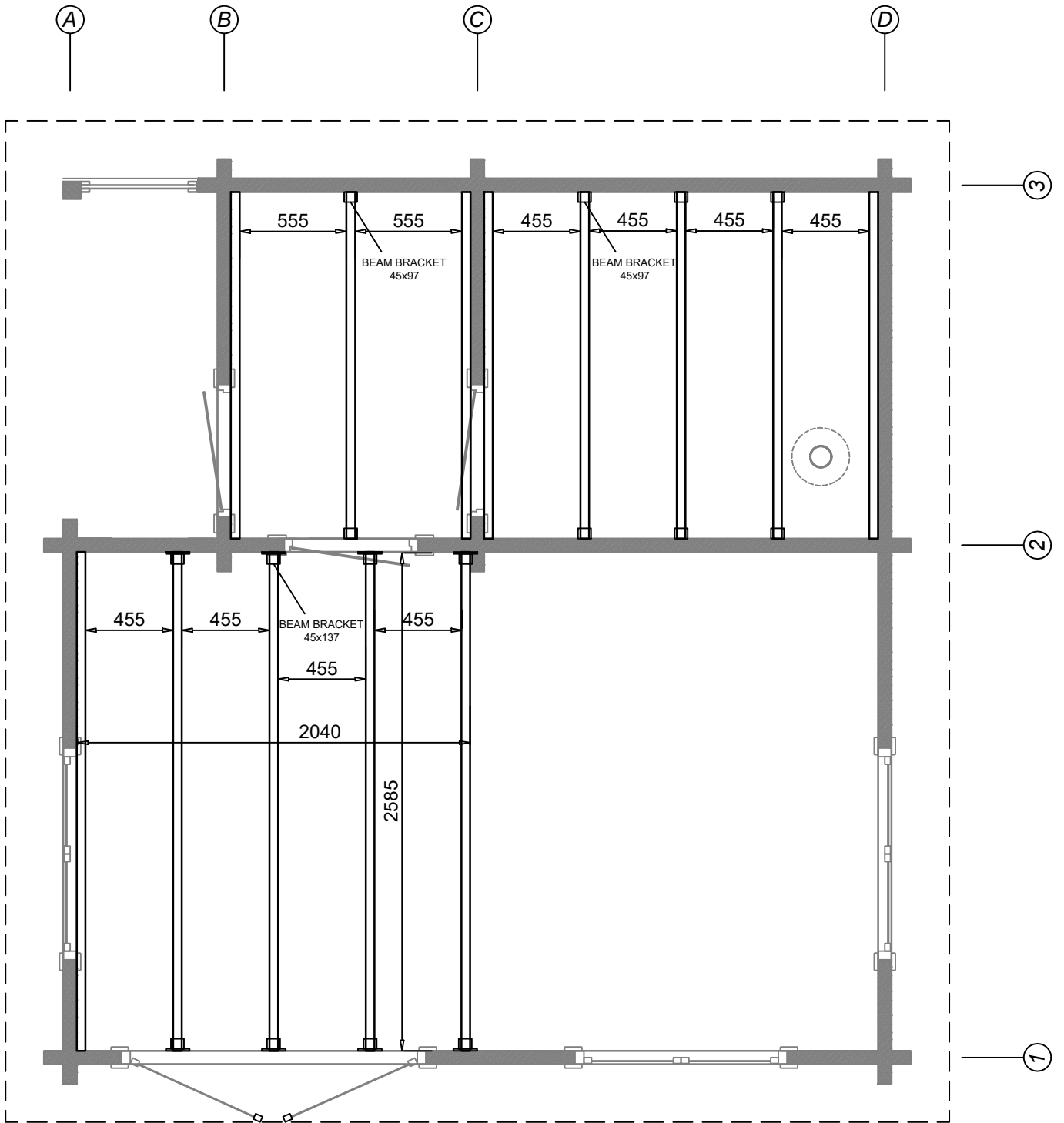
Fix to the post with screws



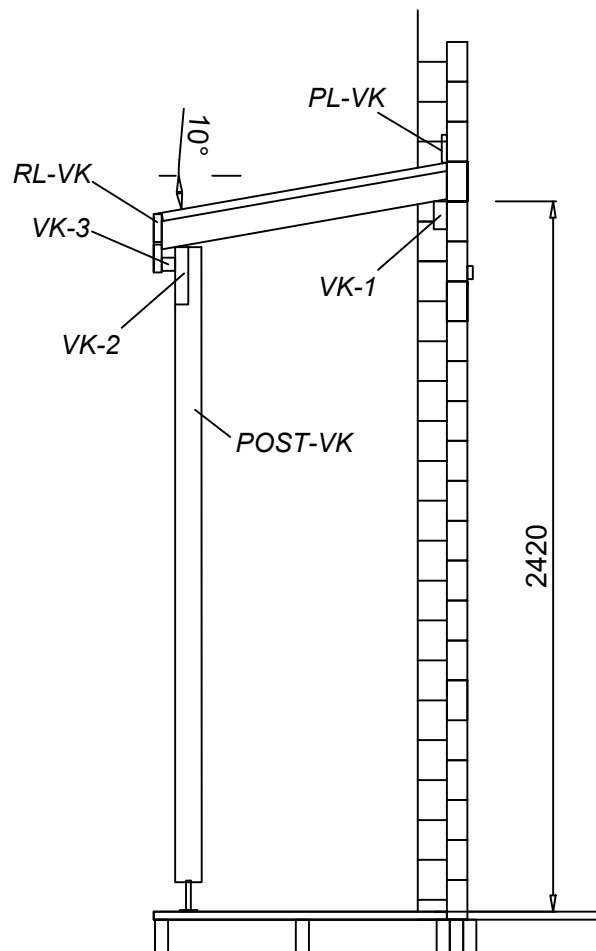
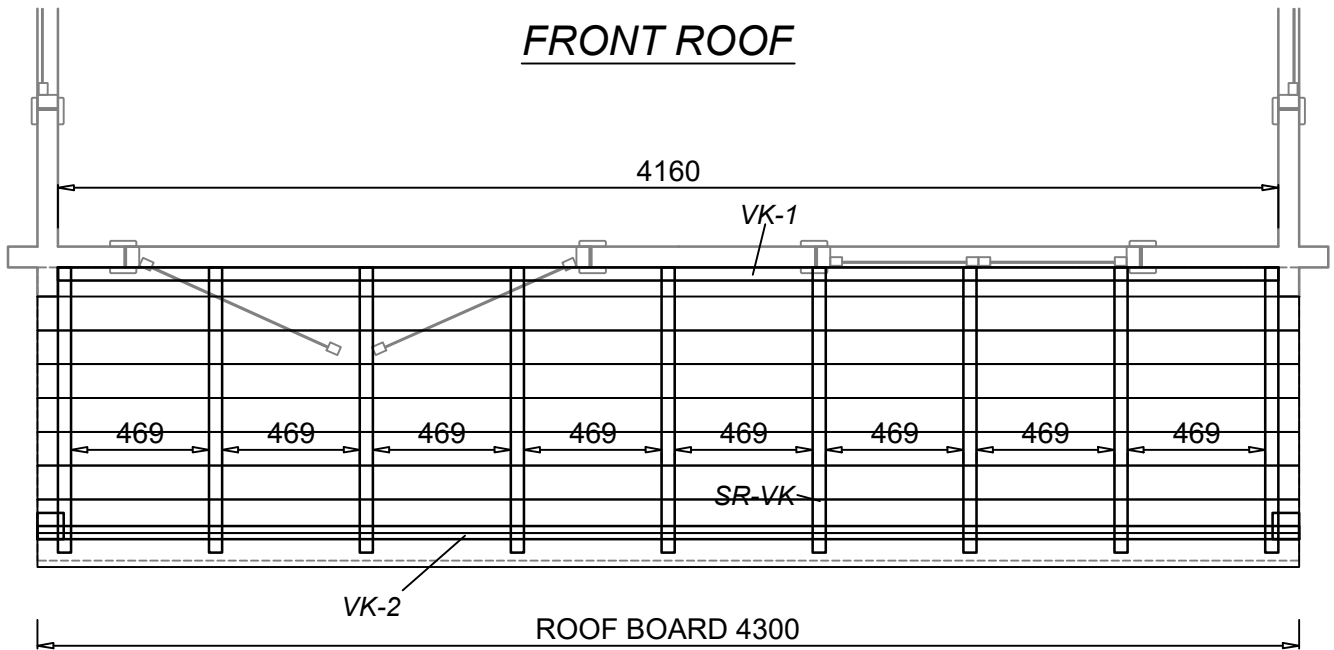
CROSS-SECTION OF THE ROOF



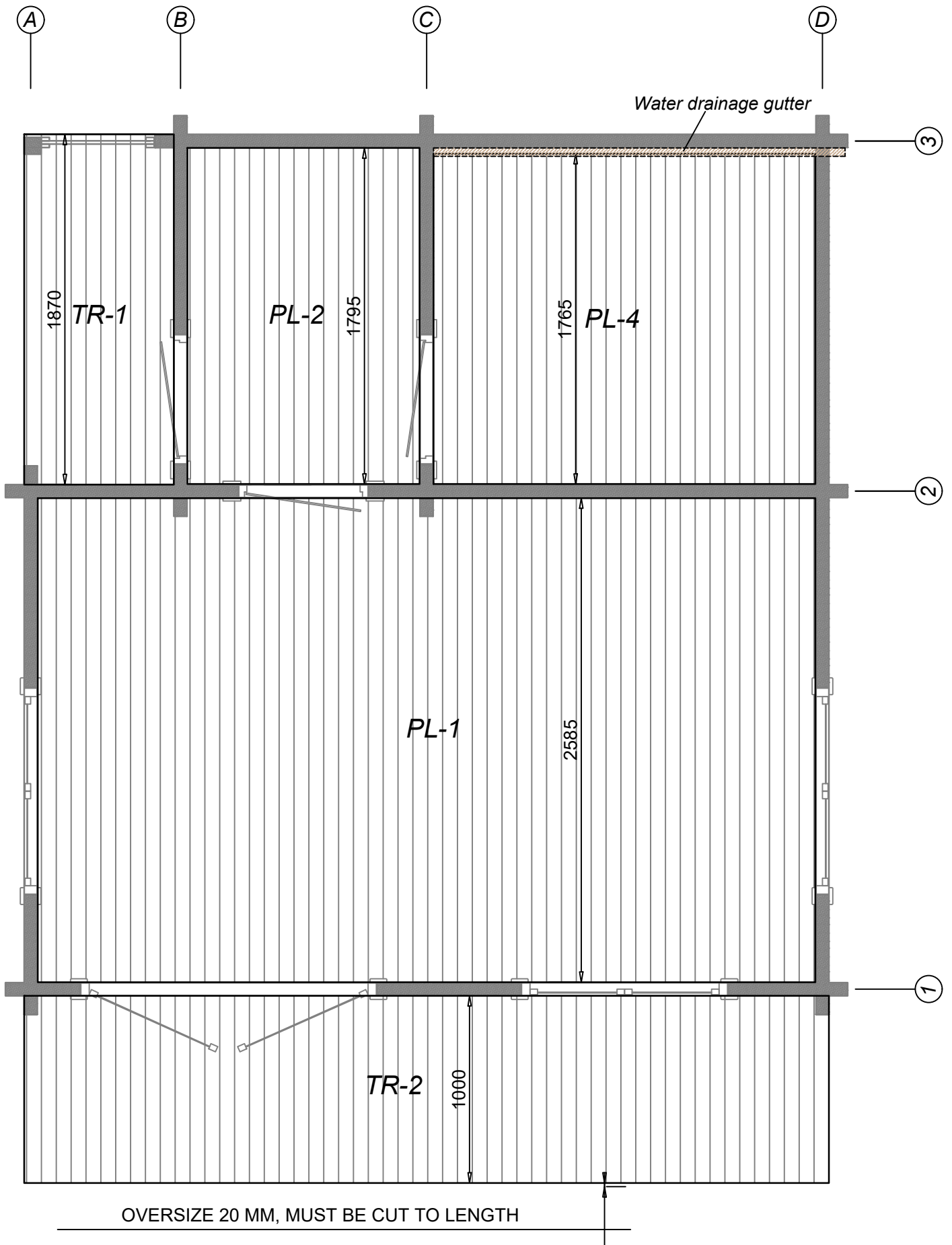
CEILING BEAMS



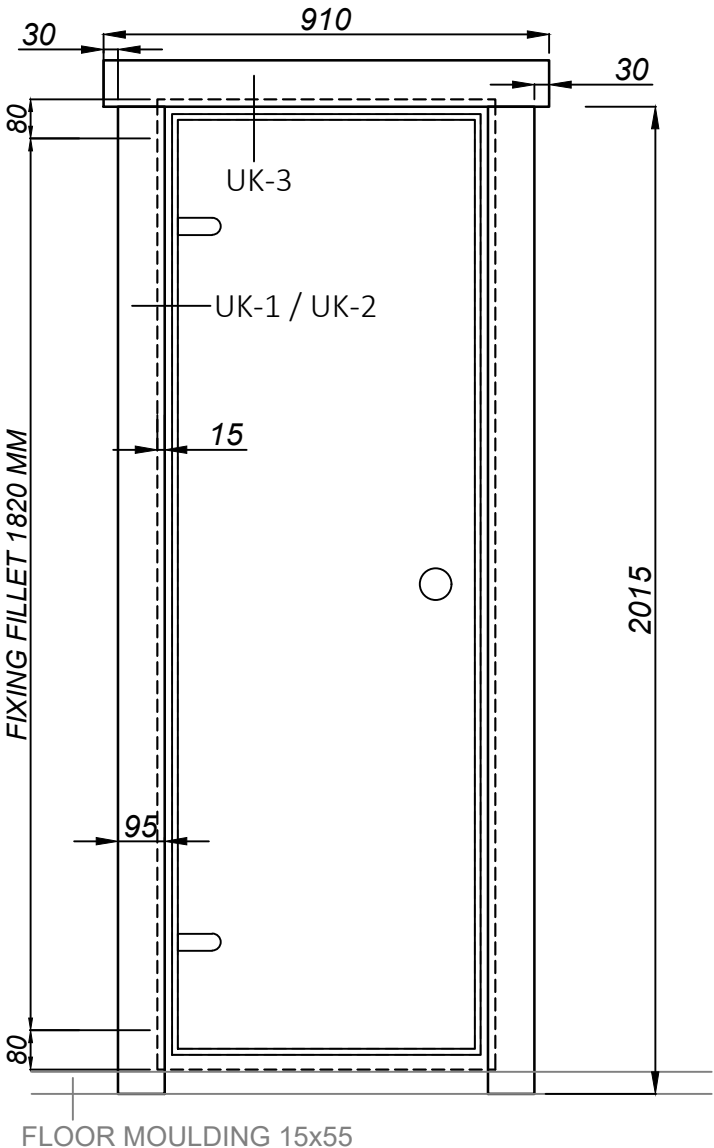
FRONT ROOF



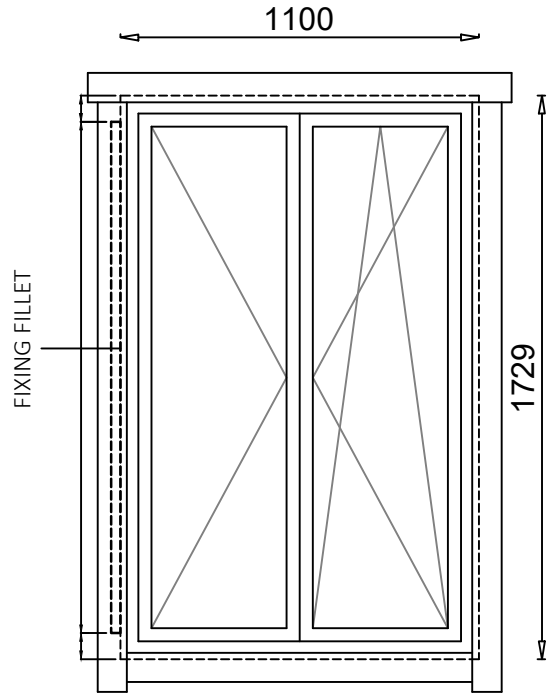
FLOOR AND DECKING BOARDS



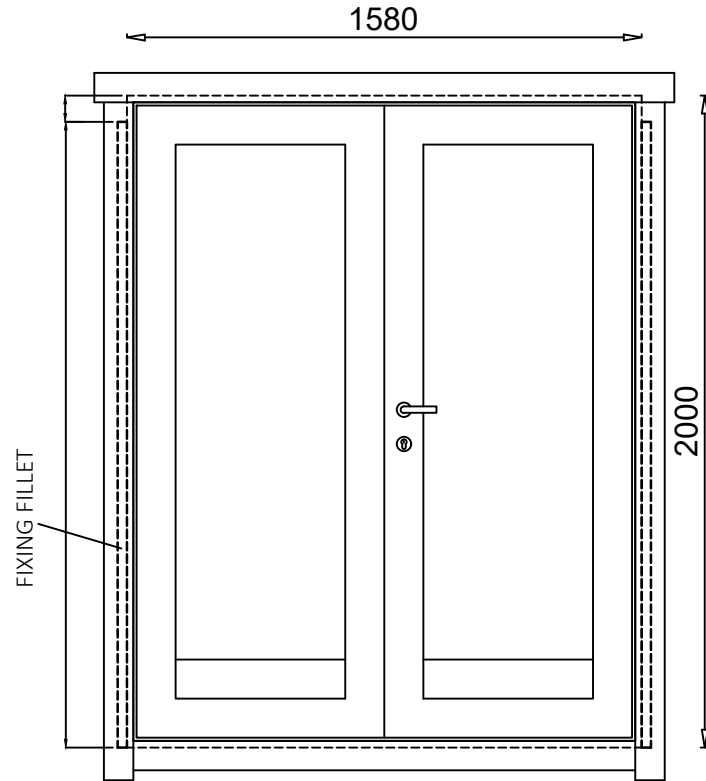
GLASS DOOR 690x1980 - 2 pcs



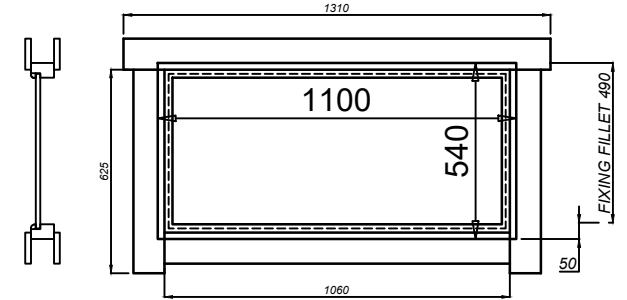
Window 1100x1729 - 3 pcs



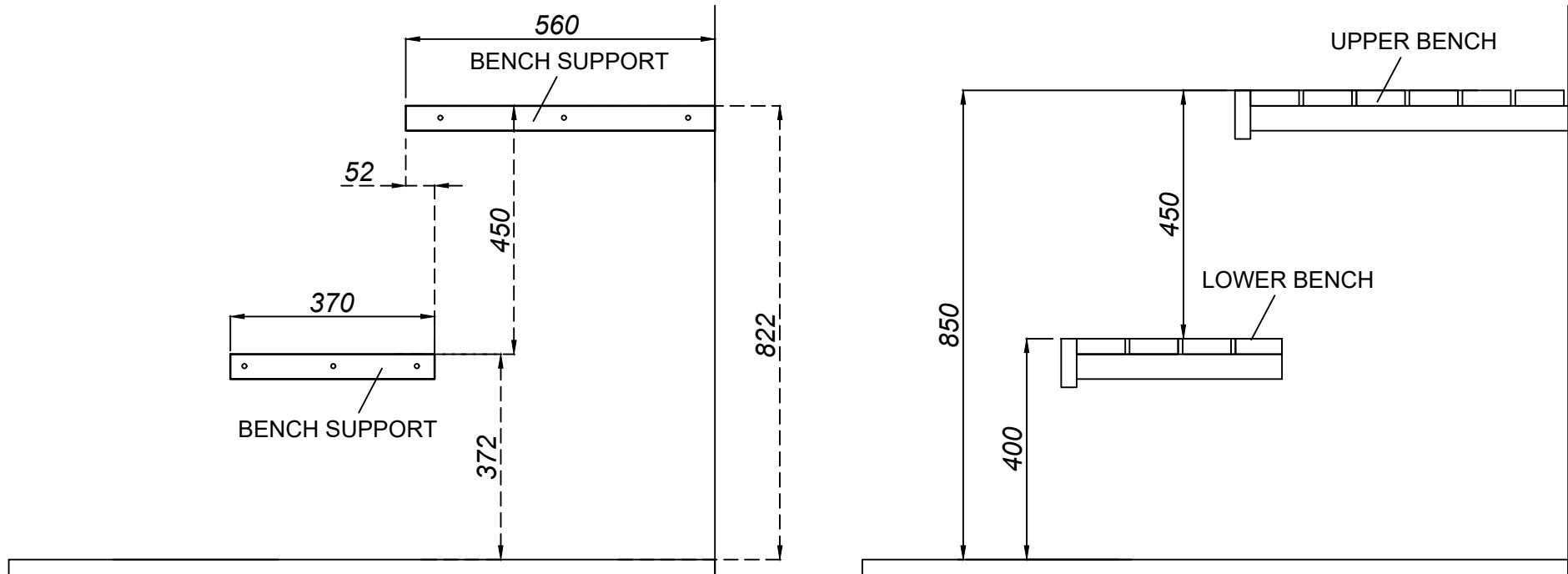
Door 1580x2000 - 1 pcs



Window 1100x540 - 4 pcs



BENCH SUPPORTS



1. FIRST FIX THE BENCH SUPPORTS TO THE WALL
2. INSTALL THE BENCH SKIRT BETWEEN BENCHES
3. THEN LIFT THE BENCHES ON TOP OF THEM
4. FIX THE BENCHES WITH THE SCREWS TO THE WALLS AND SUPPORTS
5. SUPPORT WITH A VERTICAL SUPPORT IN THE MIDDLE IF NECESSARY