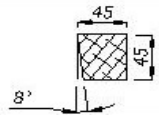
HALMAR 5 PLUS

Installation drawings

Installation drawings

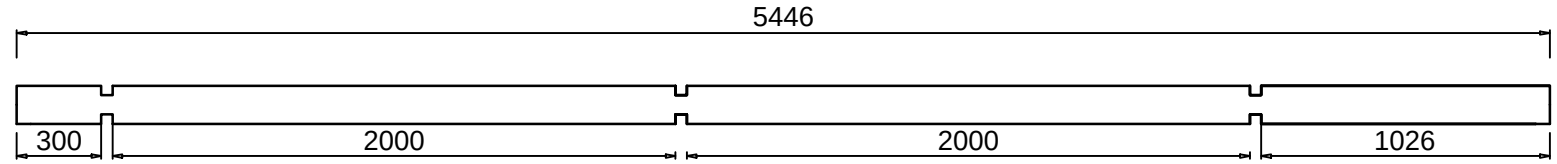
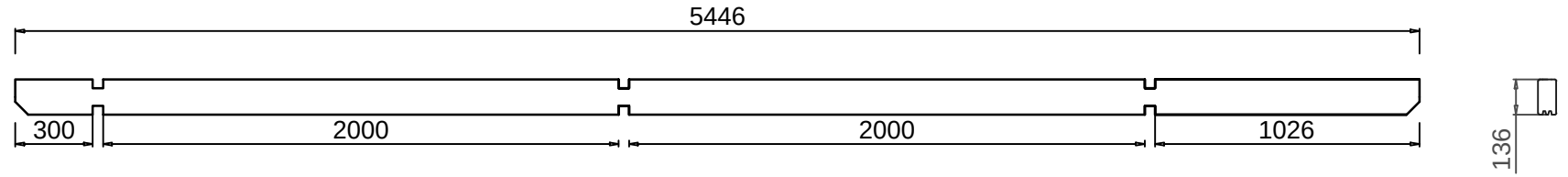
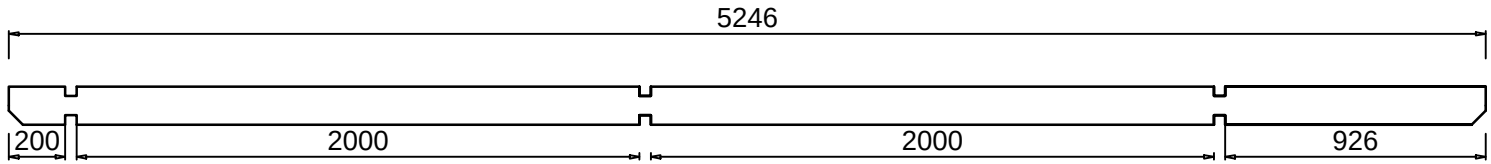
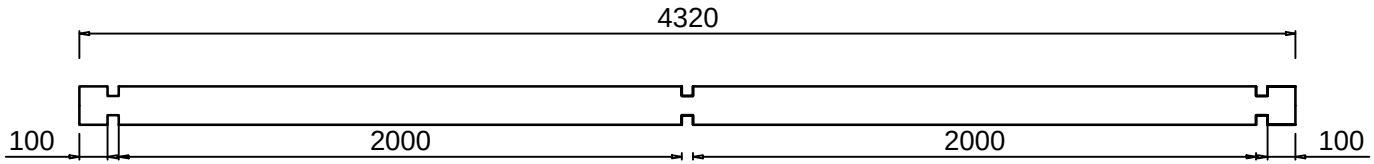
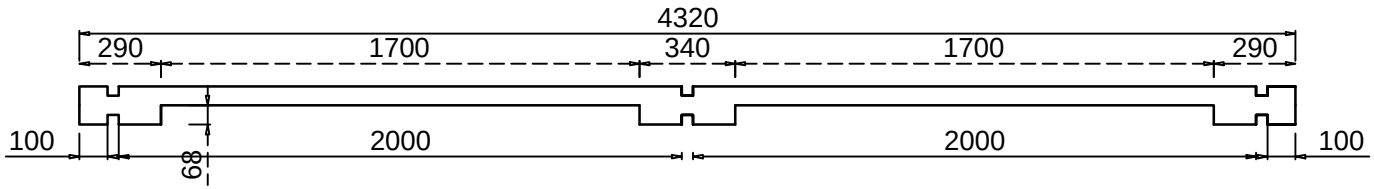
HALMAR 5 PLUS

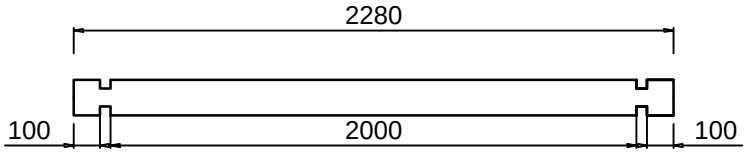
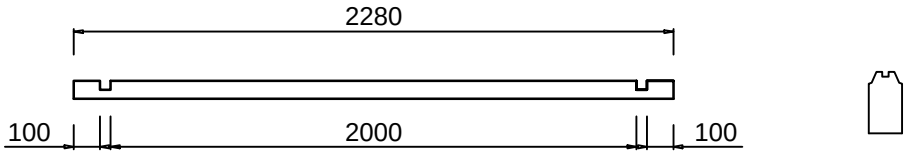
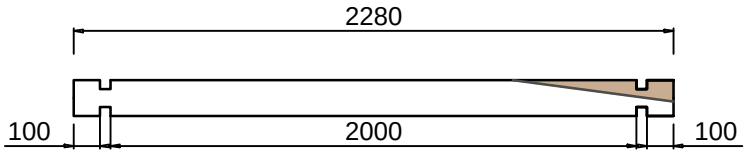
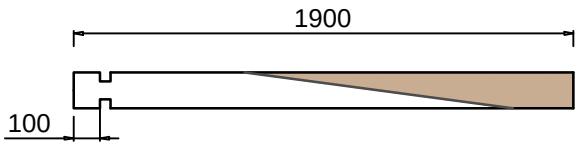
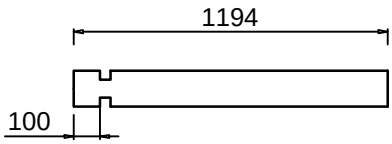
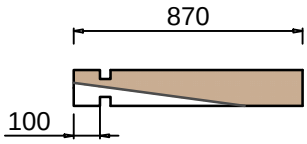
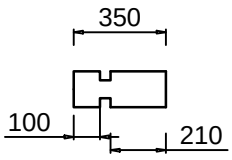
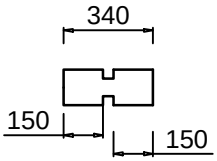
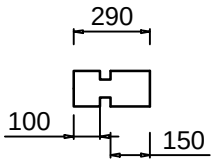
marking			length	pcs	
extra	WALL LOG 40x146		5446	1	
001.	WALL LOG 40x146		5446	2	
002.	WALL LOG 40x146		5246	2	
003.	WALL LOG 40x146		4320	16	
003B	WALL LOG 40x146		4320	1	
004.	WALL LOG 40x146	*includes 1 extra*	2280	18	
004A	WALL LOG 40x146		2280	3	
004C	WALL LOG 40x146		2280	3	
005C	WALL LOG 40x146		1900	3	
006.	WALL LOG 40x146		1194	28	
007C	WALL LOG 40x146		870	3	
008.	WALL LOG 40x146		350	28	
009.	WALL LOG 40x146		340	13	
010.	WALL LOG 40x146		290	26	
	HAMMER BLOCK 40 MM			2	
AR-1	45x95 FLOOR FRAME		4916	1	
AR-2	45x95 FLOOR FRAME (CUTOUT FOR DRAINAGE)		4916	1	
AR-3	45x95 FLOOR FRAME (SPECIAL CROSS-SECTION)		1980	1	
AR-4	45x70 FLOOR FRAME		1980	1	
AR-5	45x95 FLOOR FRAME		1980	15	
TL-1	28x120 DECKING BOARD		800	18	
TL-2	28x120 DECKING BOARD		2070	1	
PL-1	28x120 FLOOR BOARD		1960	21	
PL-2	28x120 FLOOR BOARD		1995	21	

SR-1	45x145 ROOF RAFTER		5446	2	
KL-1	29x120 ROOF BOARD		2668	54	
SL-1	STP 14x121 INTERNAL CEILING BOARD		2015	20	
TR-1	45x45 SUPPORT DETAIL FOR SL-1		2000	2	
					
SL-2	18X45 DISTANCE BOARD FOR SL-1		2000	4	
RL-2	45x45 ROOF EDGE SUPPORT		5446	2	
RL-1	18x95 ROOF EDGE BOARD		~5,5	2	
RL-1	18x95 ROOF EDGE BOARD		~2,8	2	
PP-1	18x45 FLOOR AND CEILING MOULDINGS		~2,1	16	
SR-4	18x45 MOULDING FOR OUTSIDE GAP		~2,1	4	
	WINDOW 845x1792			4	
	DOOR 690x1860			1	
	GLASS DOOR 690x1860			1	
UK-6	18x**40** DOOR SIDE PROFILE		1860	4	
	18x95 DOOR MOULDING extra		~2,4	2	
UK-1	18x95 DOOR MOULDING vertical		1890	4	
UK-2	18x95 DOOR MOULDING horizontal		920	2	
UK-3	18x**60** DOOR MOULDING horizontal		670	2	
AK-1	18x95 WINDOW MOULDING horizontal		1900	4	
AK-2	18x95 WINDOW MOULDING vertical		1877	8	
AK-3	18x95 WINDOW MOULDING horizontal		1650	4	
AK-4	18x**45** WINDOW MOULDING vertical, center		1752	4	
VS-1	GRID WALL 650x1776			1	
NP-1	70x70 CORNER POST		1912	1	
LM-1	BENCH MODULE UPPER, 600x1992			1	
LM-2	BENCH MODULE LOWER, 400x1992			1	
LM-3	BENCH MODULE FRONT ROOM, 500x1992			1	

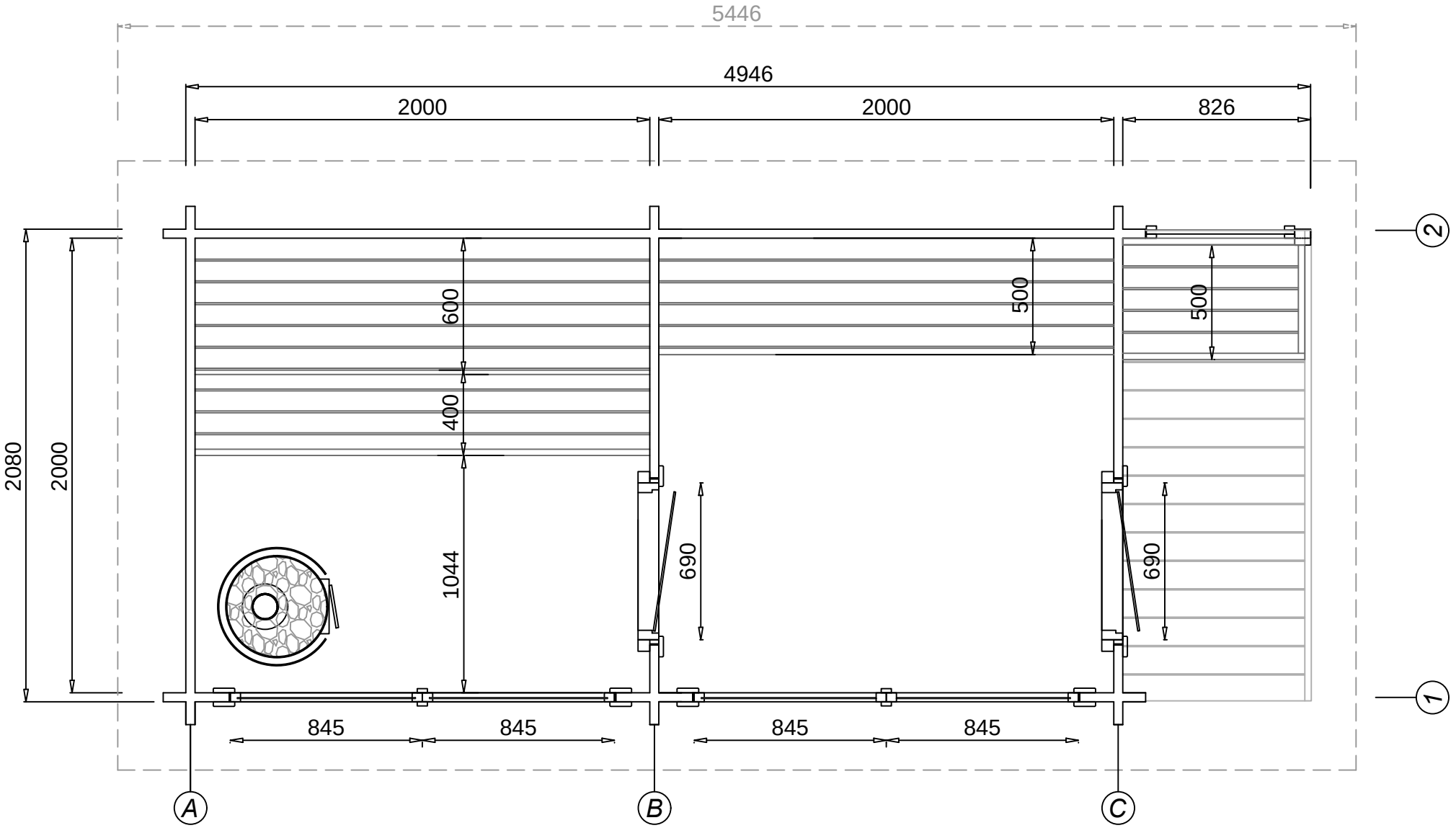
LM-4	OUTDOOR BENCH 500x800			1	
	BENCH SUPPORTS			1	
LS-1	BENCH SKIRT 376x1992			1	
LT-1	45x45 VERTICAL BENCH SUPPORT, REGULATIVE		850	1	
HG-3	HEATER GUARD DIY SET (3-SIDE)			1	
	28x95 EXTRA DETAIL BEHIND LM-3		756	1	
	VENTILATION LOUVER WOOD D100			3	
	VENTILATION GRID METAL D100			3	
	SPU CEILING INSULATION 30x600x1200			6	
	FOIL TAPE			1	
RN-1	WATER DRAINAGE GUTTER			1	
	FLOOR SLOPE DETAIL 3 MM		1995	1	
	FLOOR SLOPE DETAIL 6 MM		1995	1	
	FLOOR SLOPE DETAIL 9 MM		1995	1	
	FLOOR SLOPE DETAIL 12 MM		1995	1	
	SCREW 3,5x40 A2 FOR MOULDINGS			200	
	SCREW 4,2x55 A2 FOR ROOF EDGE BOARDS			200	
	SCREW 4,8x90 A2 FOR CONNECTION WALL CORNERS			500	
	SCREW 4,2x55 FOR FLOOR BOARDS			300	
	SCREW 4,5x70 ASSY FOR BENCH SUPPORTS AND ROOF SUPPORT			300	
	SCREW 5,0x90 ASSY FOR FLOOR FRAME AND WALL LOGS			200	
	SCREW 5,0x120 FOR WALL LOGS			60	
	SCREW 6x180 FOR WALL LOGS AND ROOF RAFTERS			70	
	NAIL 75 MM FOR ROOF BOARDS			~600	
	NAIL 1.4x40 INTERNAL CEILING BOARD			~350	
	NAIL FOR ROOF SHINGLES	15 m^2 jaoks			
	SCREW 4,8x40 FOR METAL CORNER BRACKETS			10	
	METAL CORNER BRACKET FOR GRID WALL			3	
	WASHER M5 FOR CORNER BRACKET SCREWS			3	
	POST HEIGHT ADJUSTMENT FOR NP-1			1	

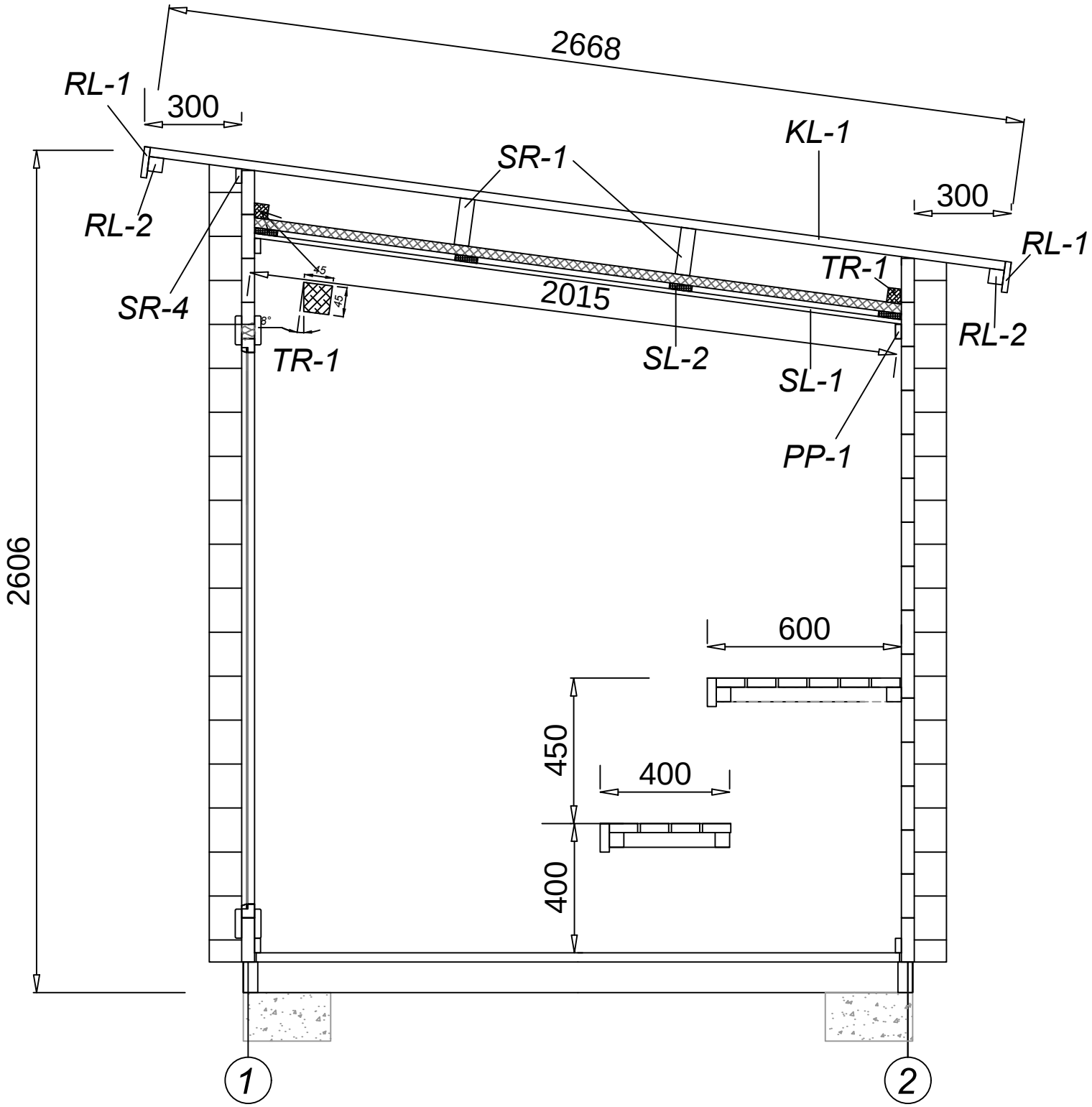
wall log HALMAR 5 PLUS

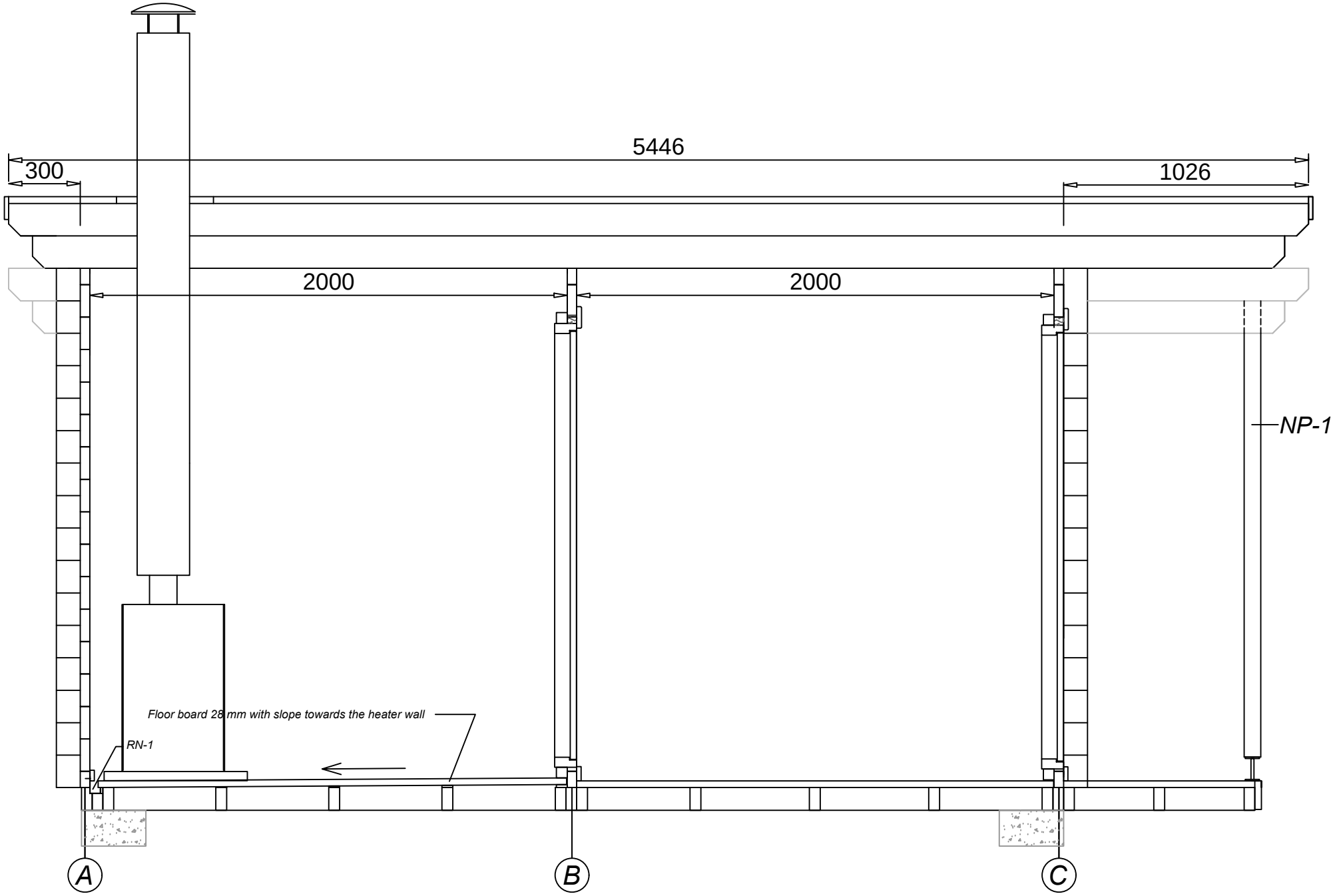
	extra	*1 pcs*	
	001	*2 pcs*	
	002	*2 pcs*	
	003	*16 pcs*	
	003B	*1 pcs*	

	004	18 pcs (includes 1 extra)	
	004A	3 pcs	
	004C	3 pcs	
	005C	3 pcs	
	006	28 pcs	
	007C	3 pcs	
	008	28 pcs	
	009	13 pcs	
	010	26 pcs	

TOP VIEW

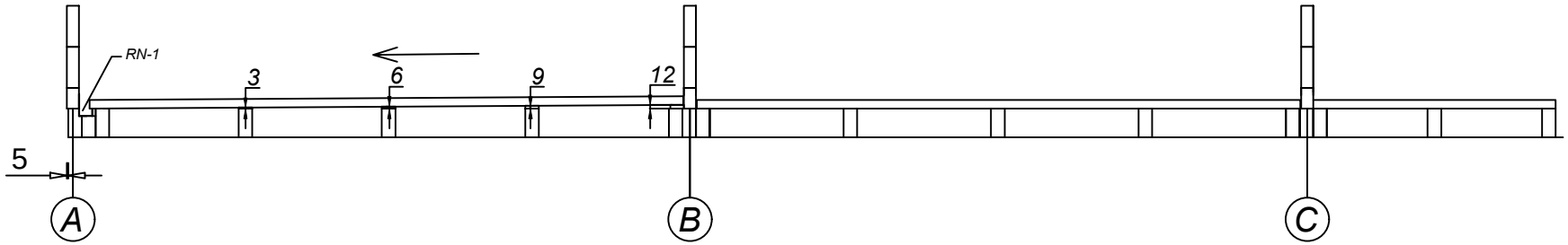

5446
4946
2000
2000
826
2080
2000
600
400
1044
500
500
690
690
845
845
845
845
A
B
C
1
2


2668
RL-1
300
KL-1
SR-1
300
RL-2
RL-1
TR-1
SR-4
45
45
2015
8°
RL-2
TR-1
SL-2
SL-1
PP-1
2606
600
450
400
400
1
2

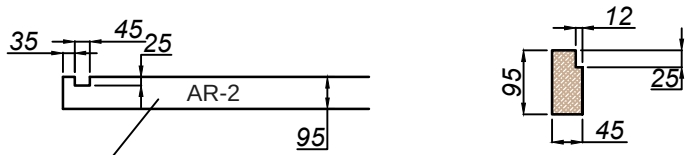

5446
300
1026
2000
2000
NP-1
Floor board 28 mm with slope towards the heater wall
RN-1
A
B
C

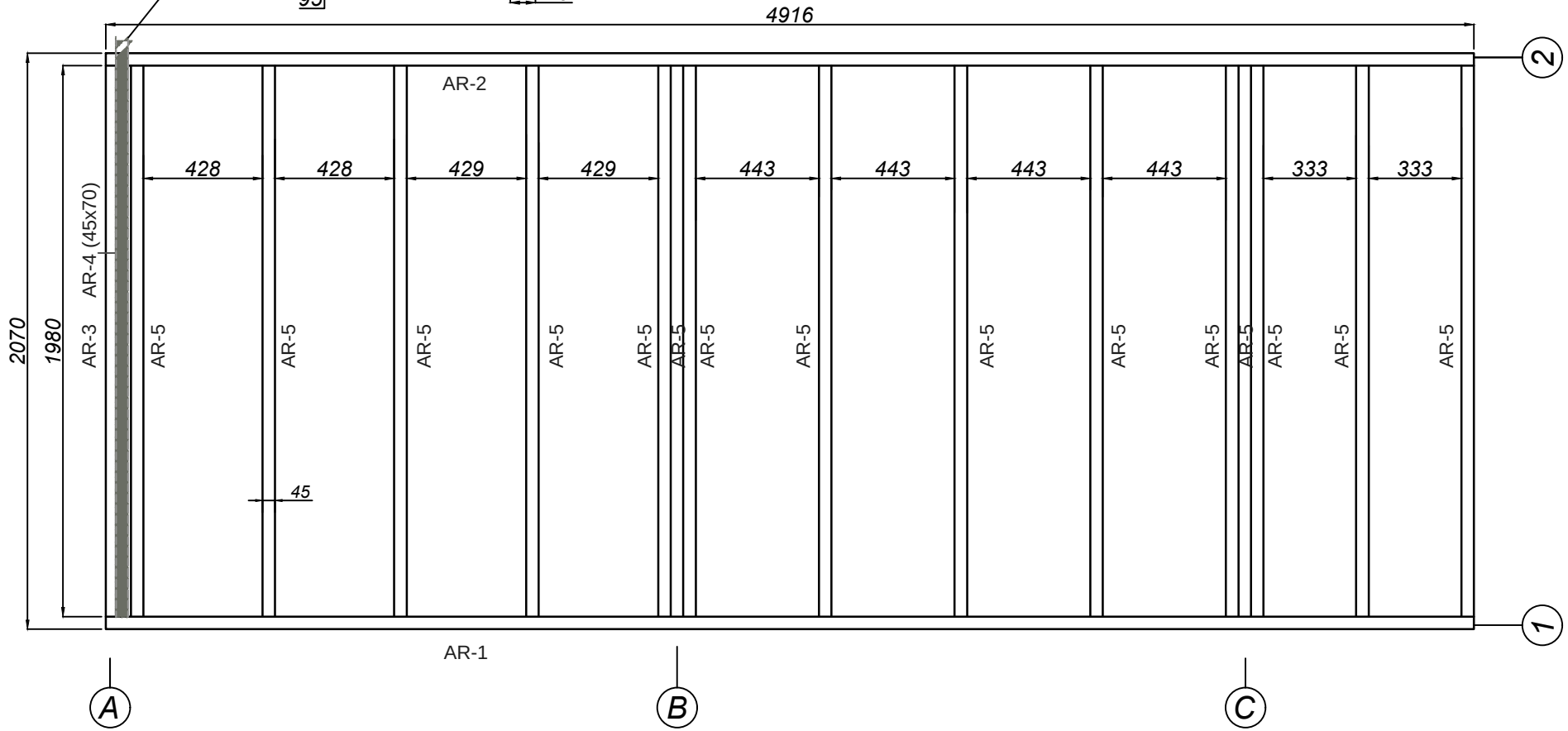
FLOOR FRAME 45x95

ADD DISTANCE BOARDS UNDER THE FLOOR BOARDS
FOR FLOOR SLOPE

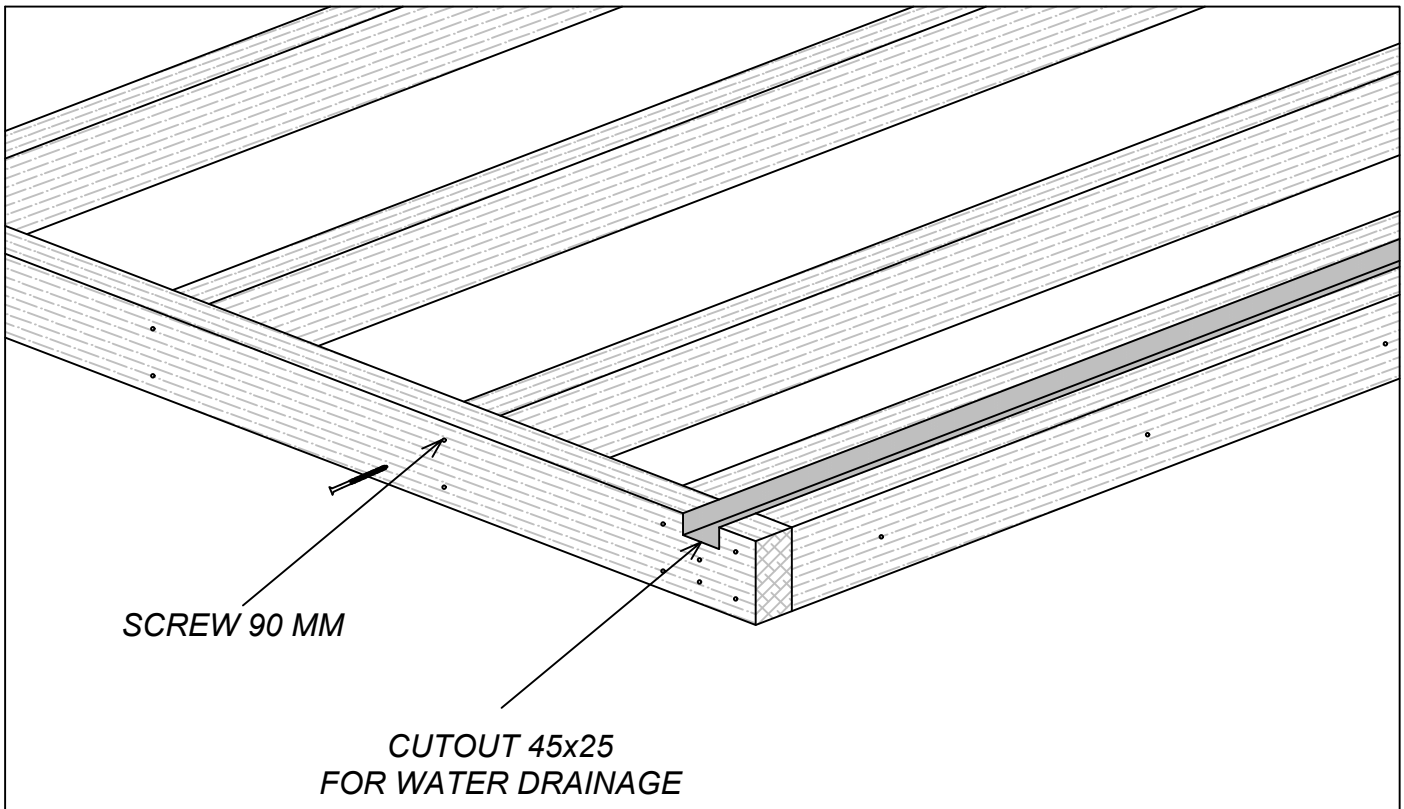


AR-3 CROSS-SECTION

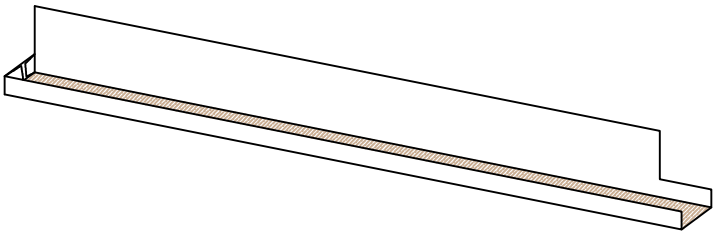




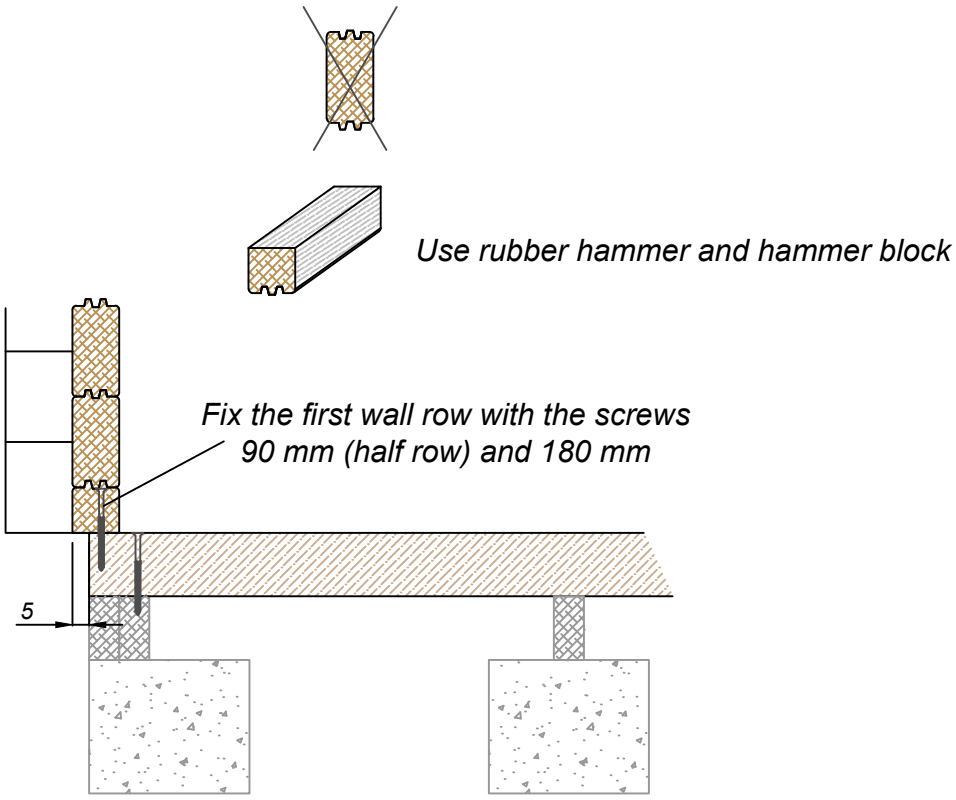
FLOOR FRAME



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

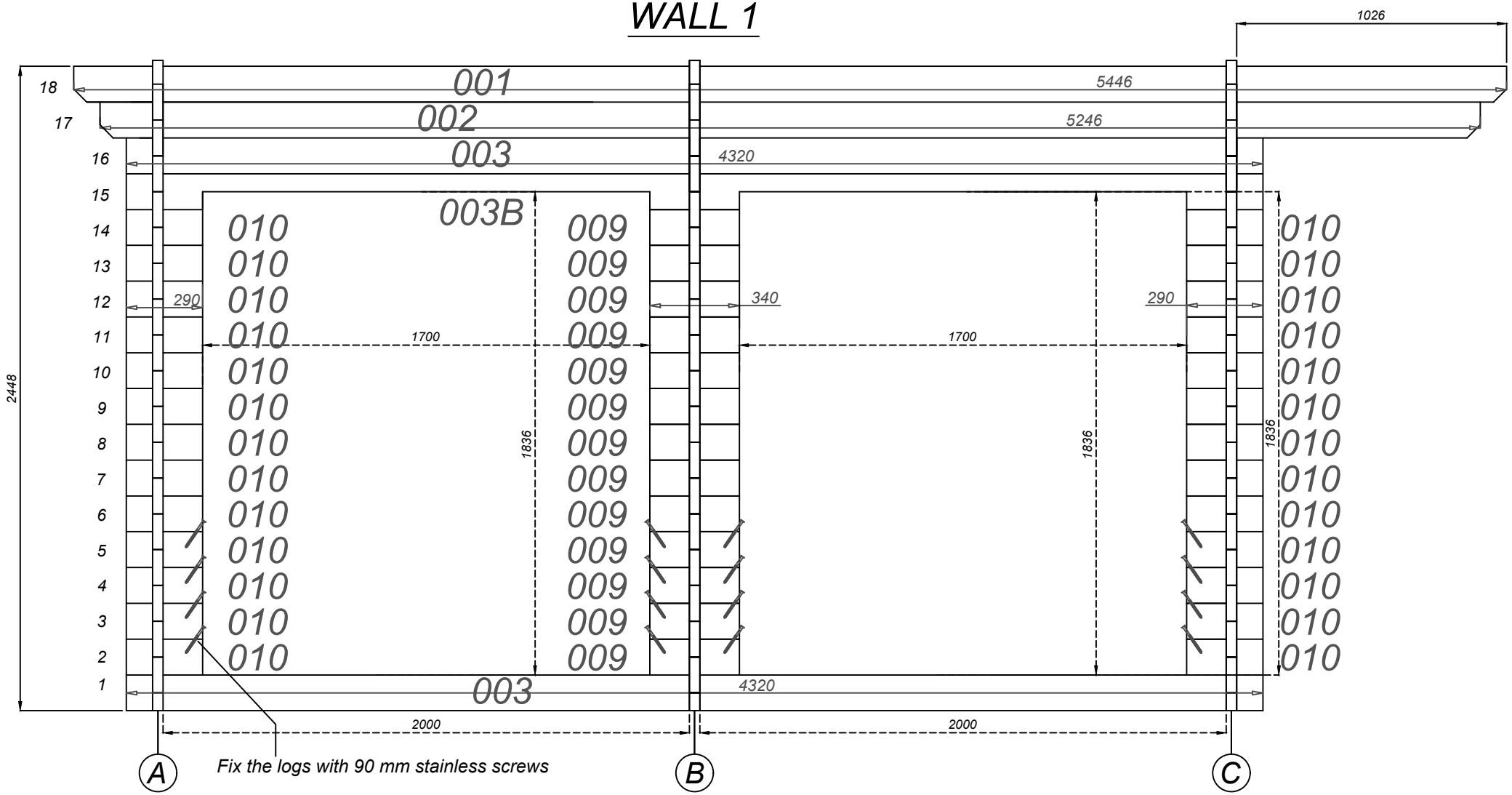


FIRST ROW

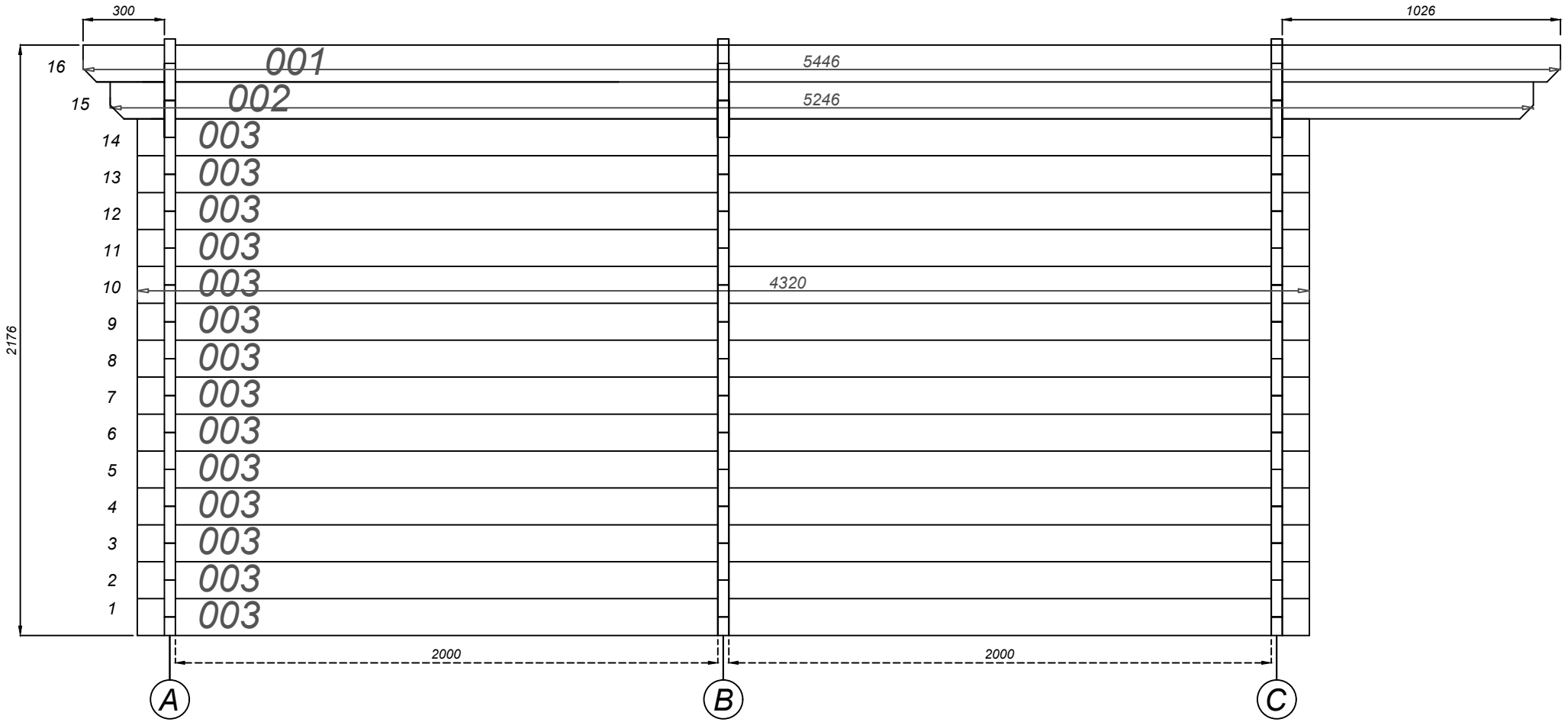

Use rubber hammer and hammer block
Fix the first wall row with the screws
90 mm (half row) and 180 mm
5

IN EACH CONNECTION USE 90 MM STAINLESS SCREWS (TO PROTECT THE BUILDING FOR WIND)

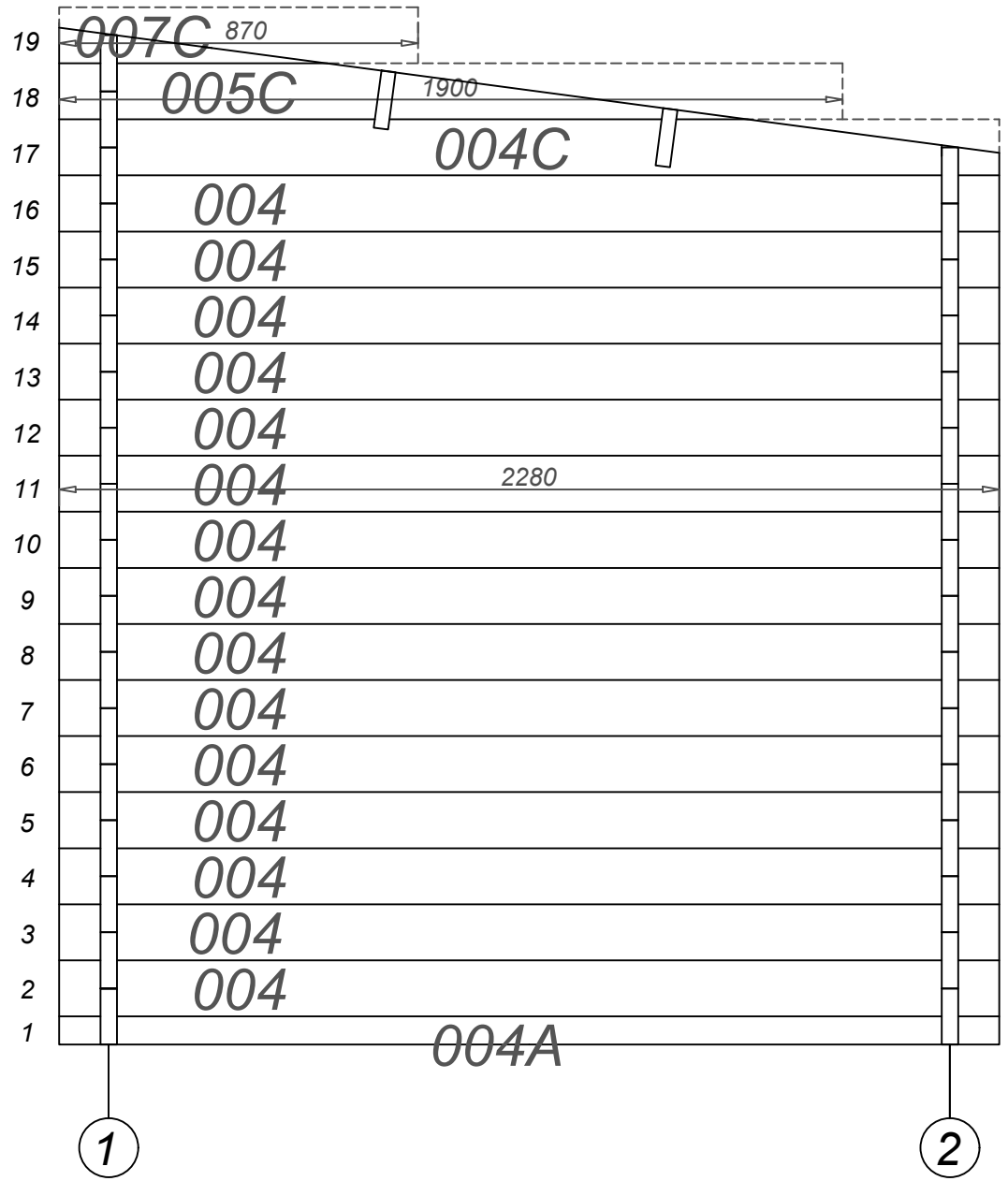
WALL 1


1026
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
2448
001
002
003
003B
5446
5246
4320
010
009
290
340
290
1700
1700
1836
1836
4320
2000
2000
A
B
C
Fix the logs with 90 mm stainless screws

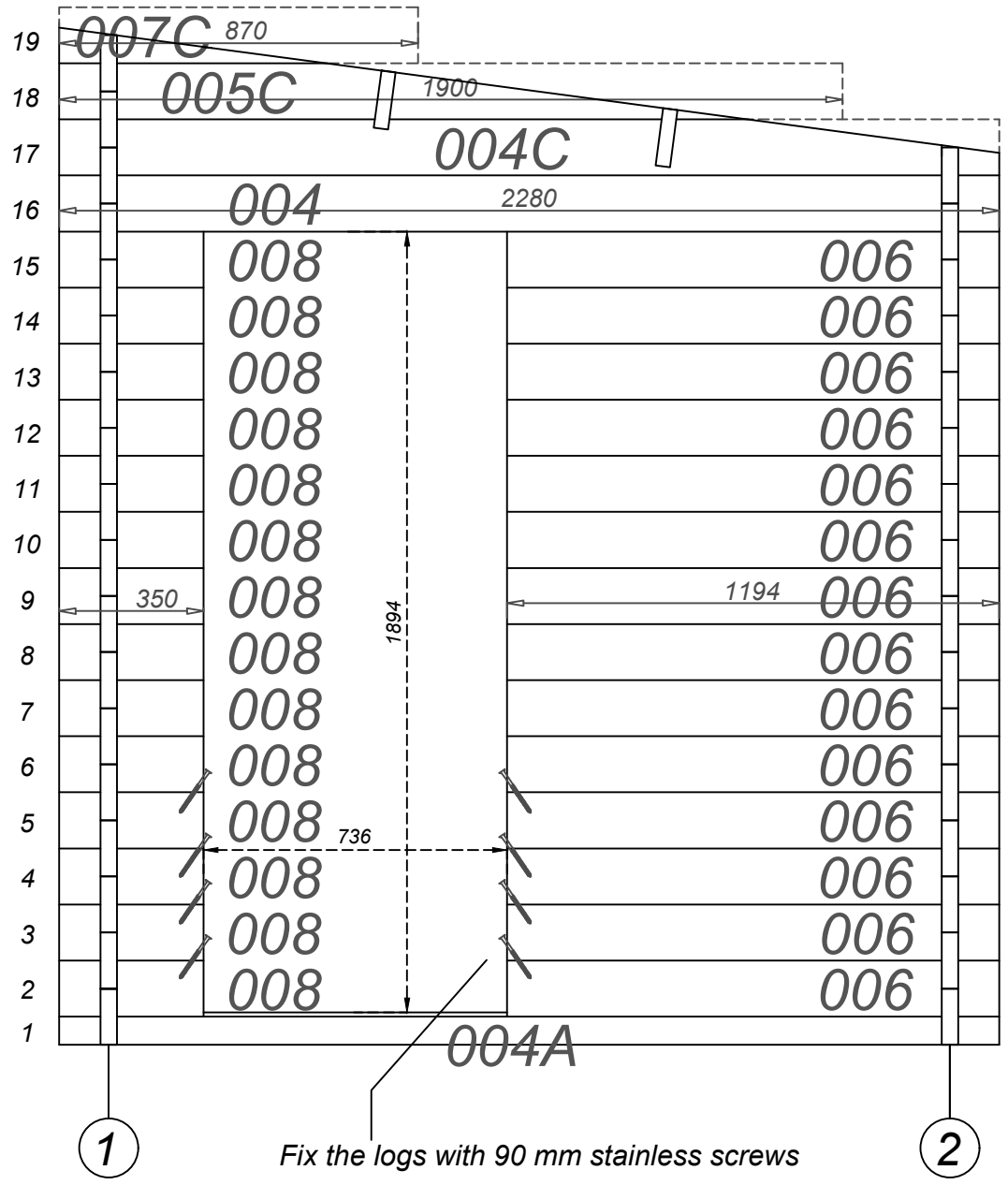
WALL 2


300
1026
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
001
002
003
5446
5246
4320
2176
2000
2000
A
B
C

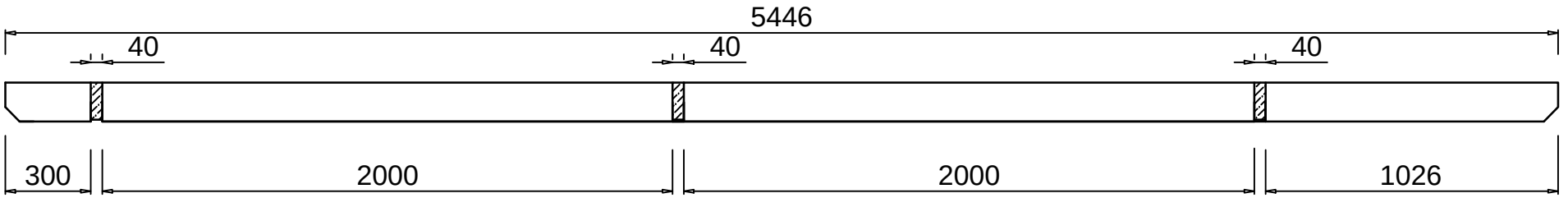
WALL A


19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
007C
870
005C
1900
004C
004
004
004
004
004
004
2280
004
004
004
004
004
004
004
004
004
004A
1
2

WALL B & WALL C

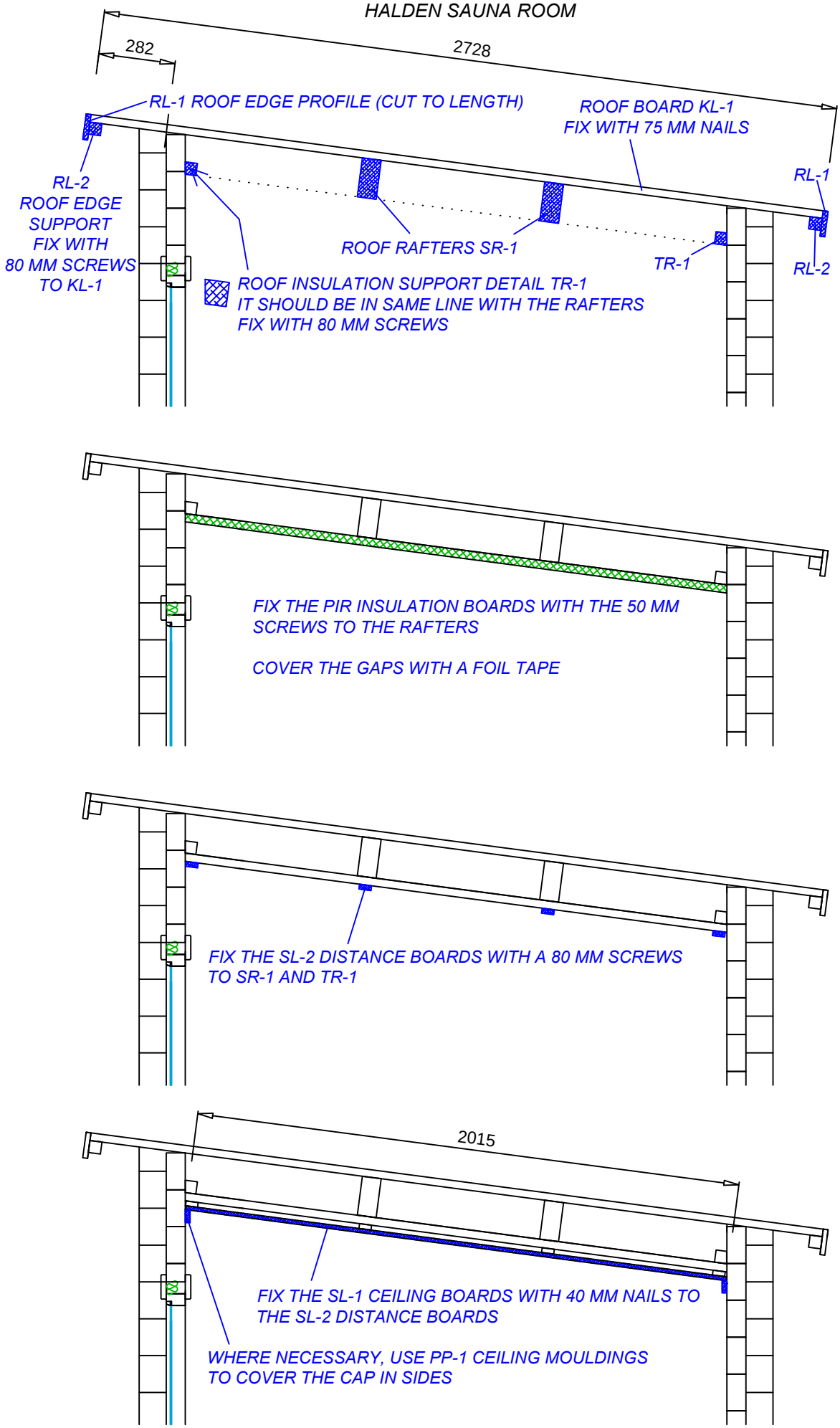

19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
007C
870
005C
1900
004C
004
2280
008
006
350
1894
1194
736
004A
1
2
Fix the logs with 90 mm stainless screws

ROOF RAFTER SR-1 - 2 pcs



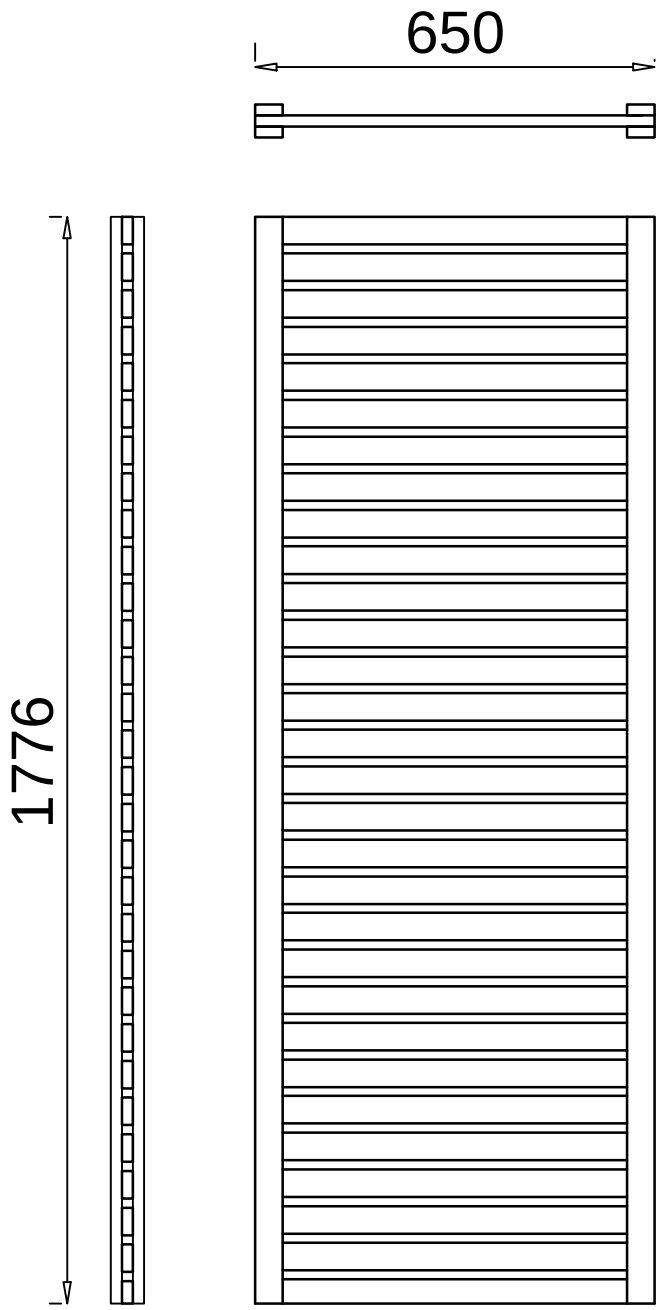
CEILING INSLULATION

HALDEN SAUNA ROOM

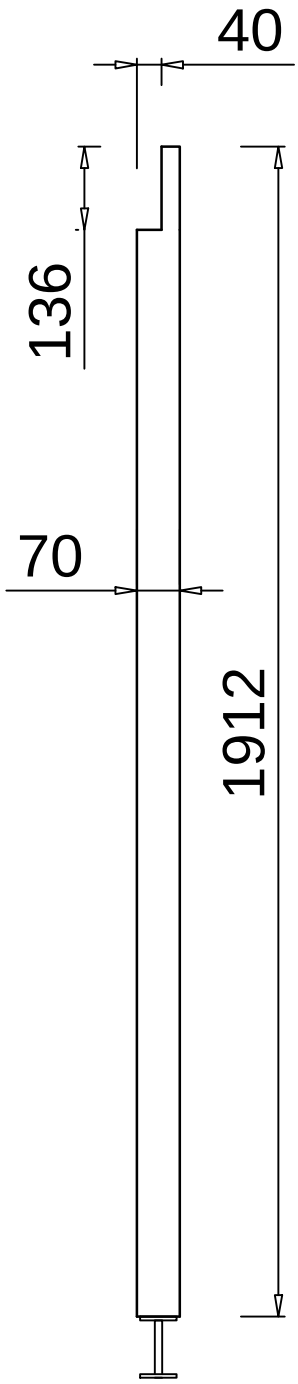


CUT THE HOLE FOR CHIMNEY WHEN USING WOOD-BURNING HEATER (EXTRA DRAWING WITH POSITIONING MEASURES)

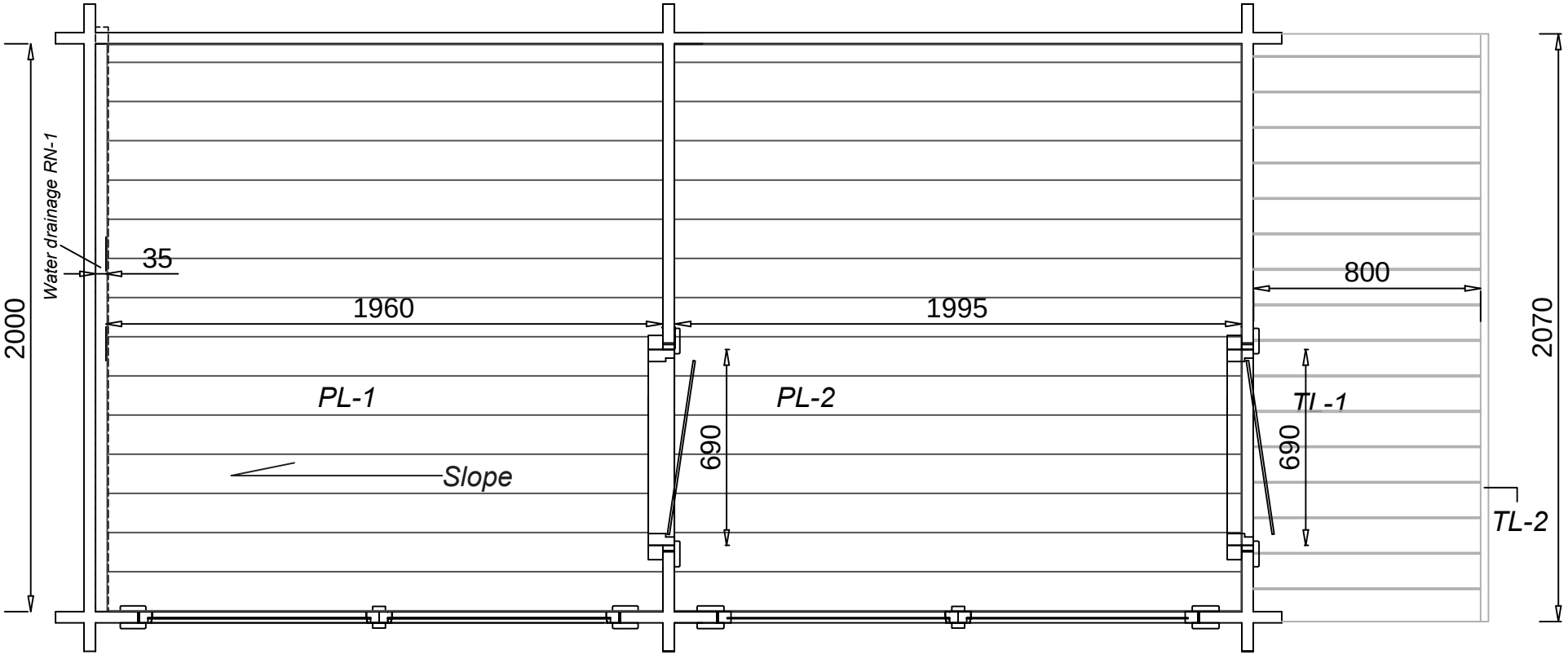
GRID WALL VS-1



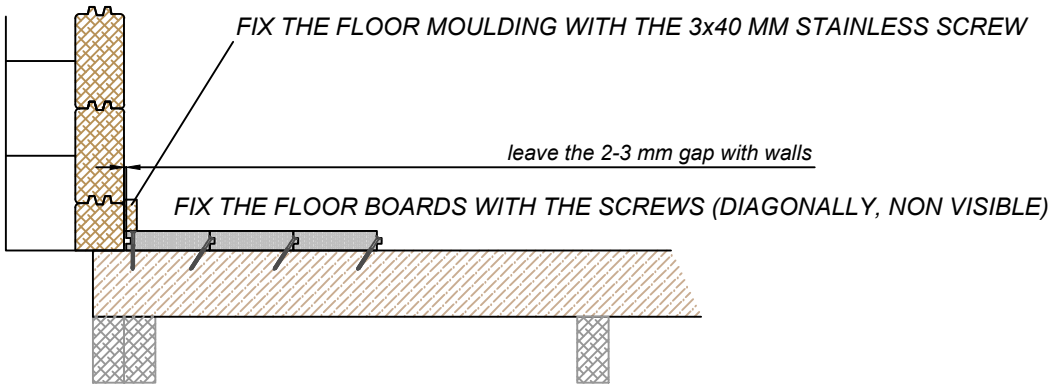
CORNER POST NP-1



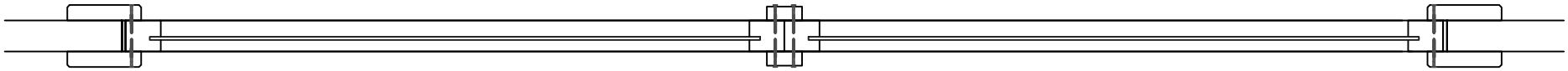
FLOOR BOARDS AND DECKING BOARDS



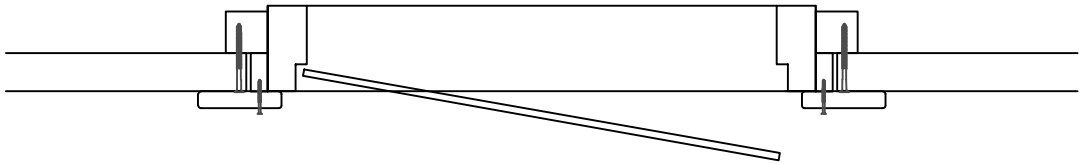
IN SAUNA ROOM:
BEFORE THE FLOOR BOARD, INSTALL FLOOR SLOPE DETAILS



FIX THE WINDOWS TO THE WALL WITH THE MOULDINGS,
USING THE 40 MM STAINLESS SCREWS



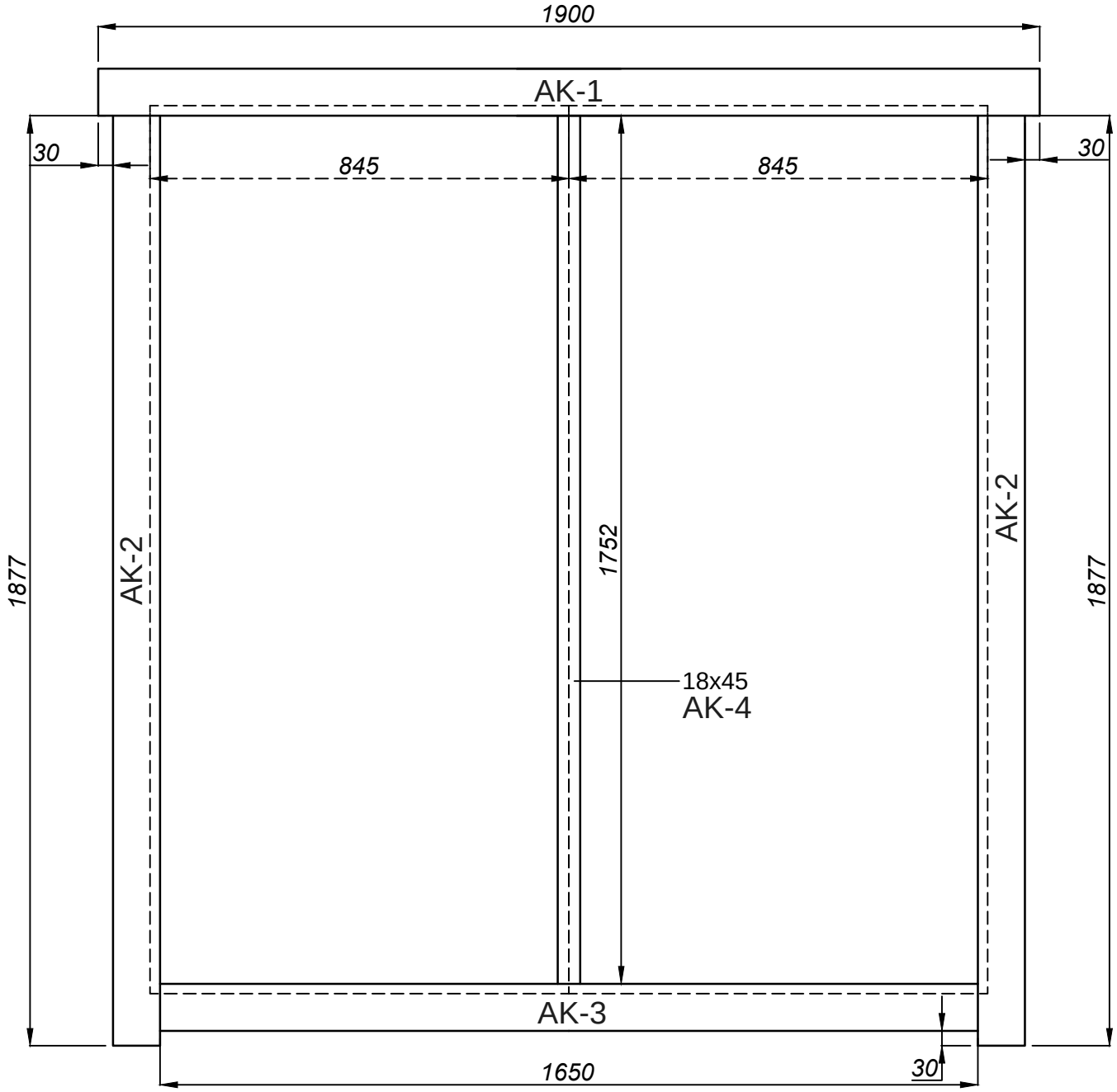
FIX THE DOOR TO THE WALL WITH THE 55 MM STAINLESS SCREWS
FIX THE MOULDINGS USING THE 40 MM STAINLESS SCREWS



WINDOW MOULDINGS

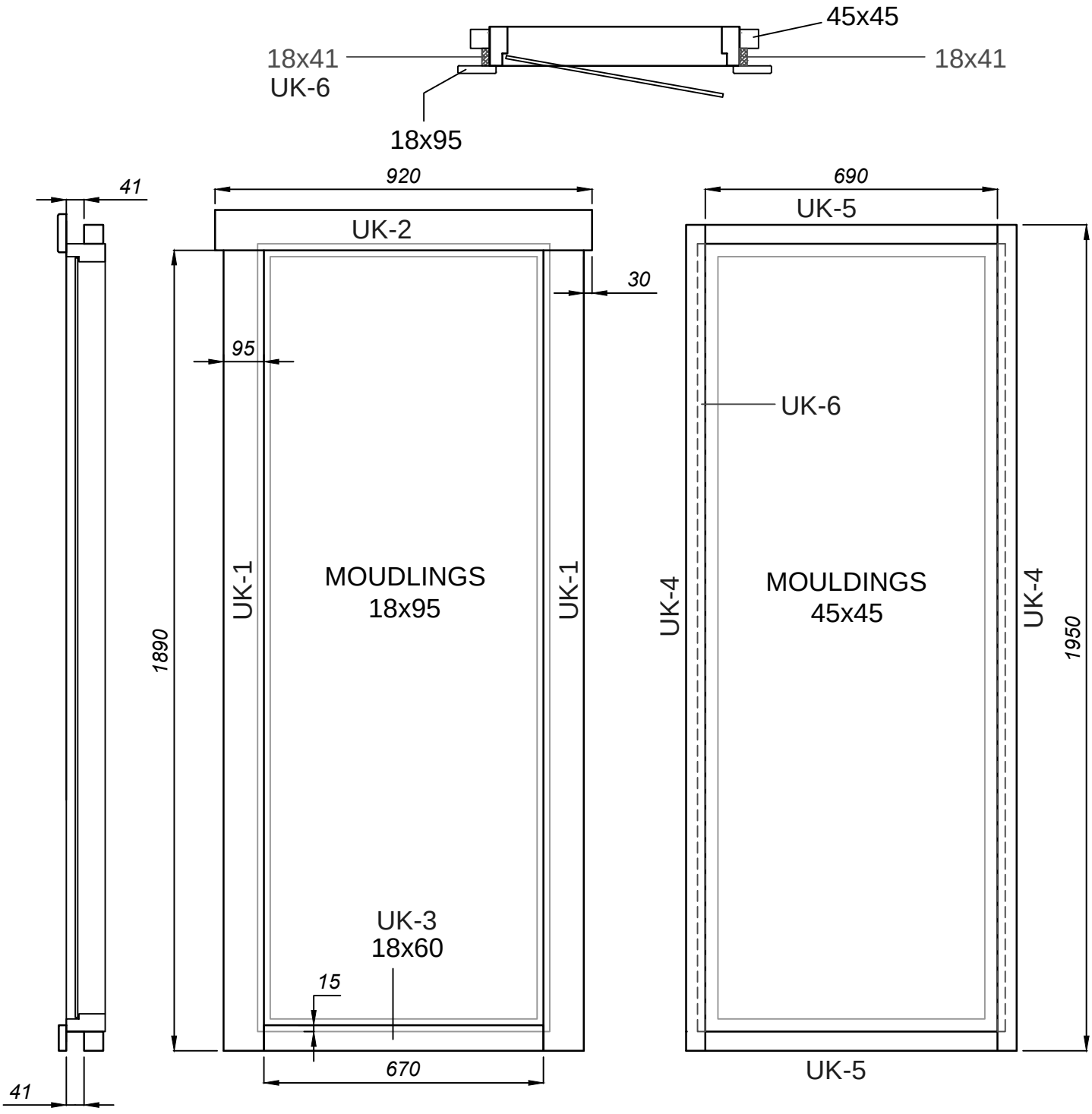
Inside and outside mouldings are with the same length

Fix the mouldings with a 40 mm screws (stainless)

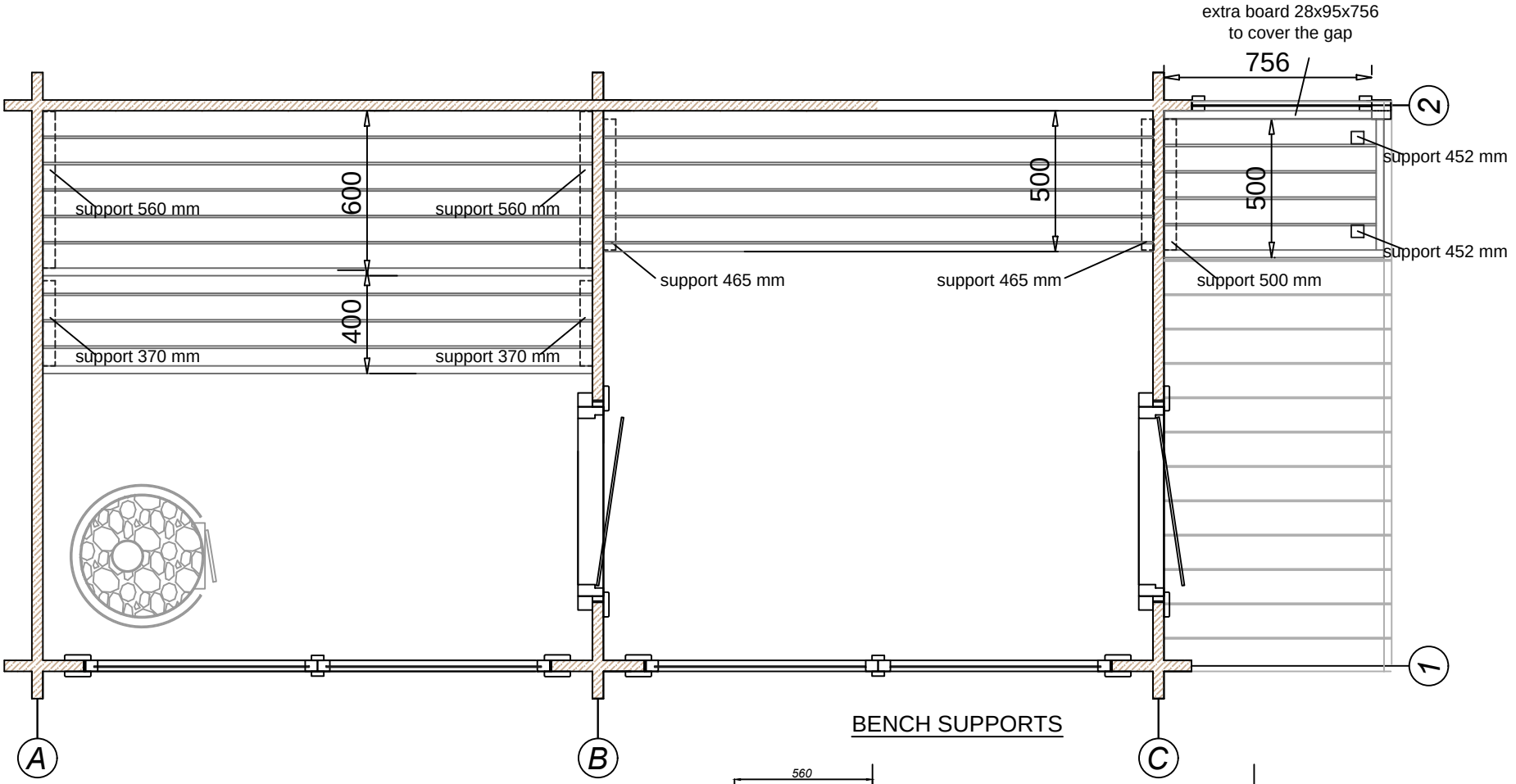


DOOR MOULDINGS

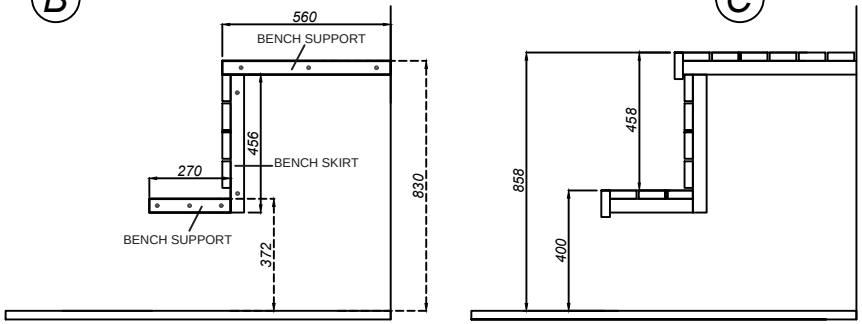
UK-9 DETAILS FOR BETTER MOULDING INSTALLATION



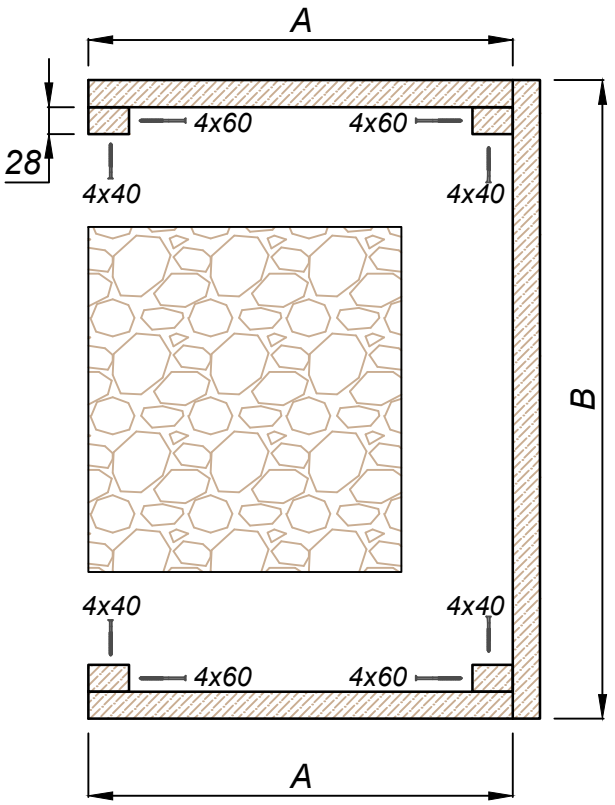
BENCH SET

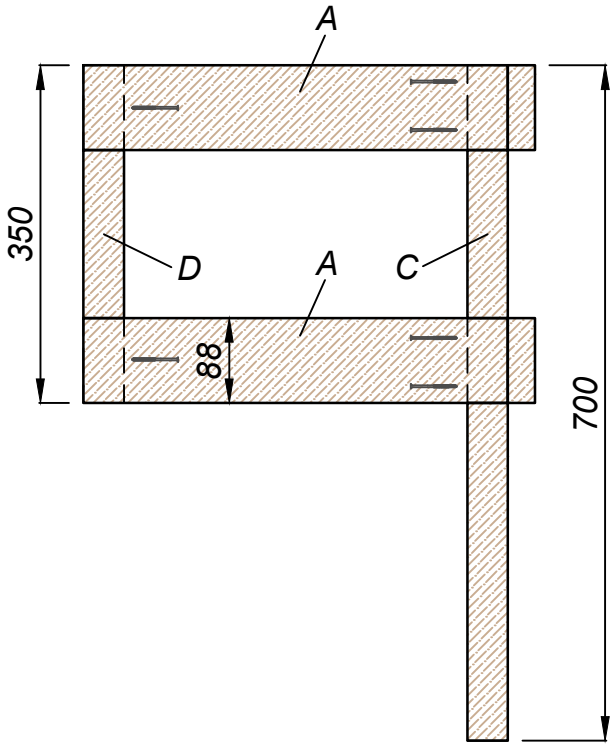


BENCH SUPPORTS



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 70 MM SCREWS
   TO THE WALLS AND SUPPORTS
5. CONNECT THE BENCH SKIRT AND BACK EDGE OF LOWER BENCH





Heater guard DIY package includes:

Detail A: 28x88x640 - 4 pcs

Detail B: 28x88x810 - 2 pcs

Detail C: 28x42x700 - 2 pcs

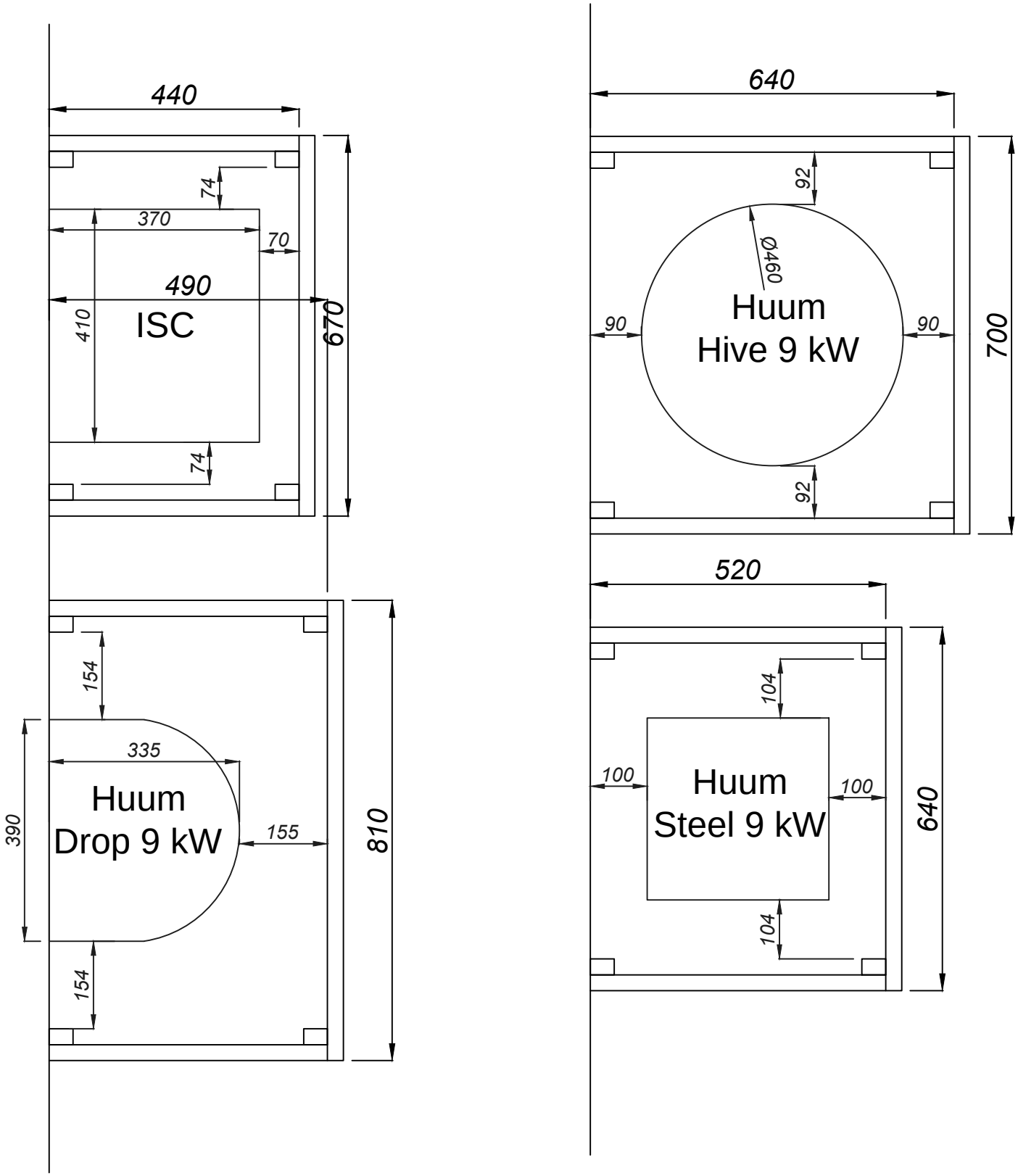
Detail D: 28x42x350 - 2 pcs

Screw 4x40 - 16 pcs

Screw 4x60 - 16 pcs

1. Cut the details "A" and "B" to correct measure
2. Fix the details to detail C with the screws
3. Fix the heater guard to the wall
4. **Be sure that safety distances are valid to the heater manual!**

Heater model	**A** (mm)	**B** (mm)
ISC 9 kW	440	670
Huum Drop 9 kW	490	810
Huum Hive 9 kW	640	700
Huum Steel 9 kW	520	640


440
74
370
70
490
ISC
410
670
74
154
335
Huum
Drop 9 kW
390
155
810
154
640
92
Ø460
Huum
Hive 9 kW
90
90
700
92
520
104
100
Huum
Steel 9 kW
100
640
104