
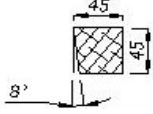



Installation drawings

HALDEN M 40

marking			length	pcs	
extra	WALL LOG 40x146		4446	1	
001.	WALL LOG 40x146		4446	2	
002.	WALL LOG 40x146		4246	2	
003.	WALL LOG 40x146		3320	16	
003B	WALL LOG 40x146		3320	1	
004.	WALL LOG 40x146	<i>includes 1 extra</i>	2280	18	
004A	WALL LOG 40x68		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		3916	1	
AR-2	45x95 FLOOR FRAME (CUTOUT FOR DRAINAGE)		3916	1	
AR-3	45x95 FLOOR FRAME (SPECIAL CROSS-SECTION)		1980	1	
AR-4	45x70 FLOOR FRAME		1980	1	
AR-5	45x95 FLOOR FRAME		1980	13	
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		995	21	

SR-1	45x145 ROOF RAFTER		4446	2	
KL-1	29x120 ROOF BOARD		2668	43	
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		4446	2	
RL-1	18x95 ROOF EDGE BOARD		~4,5	2	
RL-1	18x95 ROOF EDGE BOARD		~2,8	2	
PP-1	18x45 FLOOR AND CEILING MOULDINGS		~2,1	15	
SR-4	18x45 MOULDING FOR OUTSIDE GAP		~2,1	4	
	WINDOW 845x1792			2	
	WINDOW 42x690x1792			1	
	DOOR 690x1860			1	
	GLASS DOOR 690x1860			1	
UK-6	18x <u>40</u> 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 <u>60</u> DOOR MOULDING horizontal		670	2	
AK-1	18x95 WINDOW MOULDING horizontal		1900	2	
AK-2	18x95 WINDOW MOULDING vertical		1877	8	
AK-3	18x95 WINDOW MOULDING horizontal		1650	2	
AK-4	18x <u>45</u> WINDOW MOULDING vertical, center		1752	2	
AK-5	18x95 WINDOW MOULDING horizontal		900	2	
AK-6	18x95 WINDOW MOULDING horizontal		650	2	
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 "HALDEN M"			1	
LT-1	45x45 VERTICAL BENCH SUPPORT, REGULATIVE		850	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 2000 MM+			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	
	ROOF BASE LAYER		13 m2	2	
	ROOF SHINGLE (TOP LAYER)		13 m2	5	
	LAST ROW ROOF SHINGLE		4,5 jm	5	
	SCREW 3,5x40 A2 FOR MOULDINGS			200	
	SCREW 4,2x55 A2 FOR ROOF EDGE BOARDS			200	
	SCREW 4,8x90 A2 FOR CONNECTION WALL CORNERS			400	
	SCREW 4,2x55 FOR FLOOR BOARDS			200	
	SCREW 4,5x70 ASSY FOR BENCH SUPPORTS AND ROOF SUPPORT			250	
	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			60	
	NAIL 75 MM FOR ROOF BOARDS			~500	

	NAIL 1.4x40 INTERNAL CEILING BOARD			~350	
	NAIL FOR ROOF SHINGLES			13m2	
	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	
	OPTION: EXTRA WINDOW 540x1100 WITH MOULDINGS			1	
	YOU MUST CUT THE HOLE TO THE WALL FOR EXTRA WINDOW				

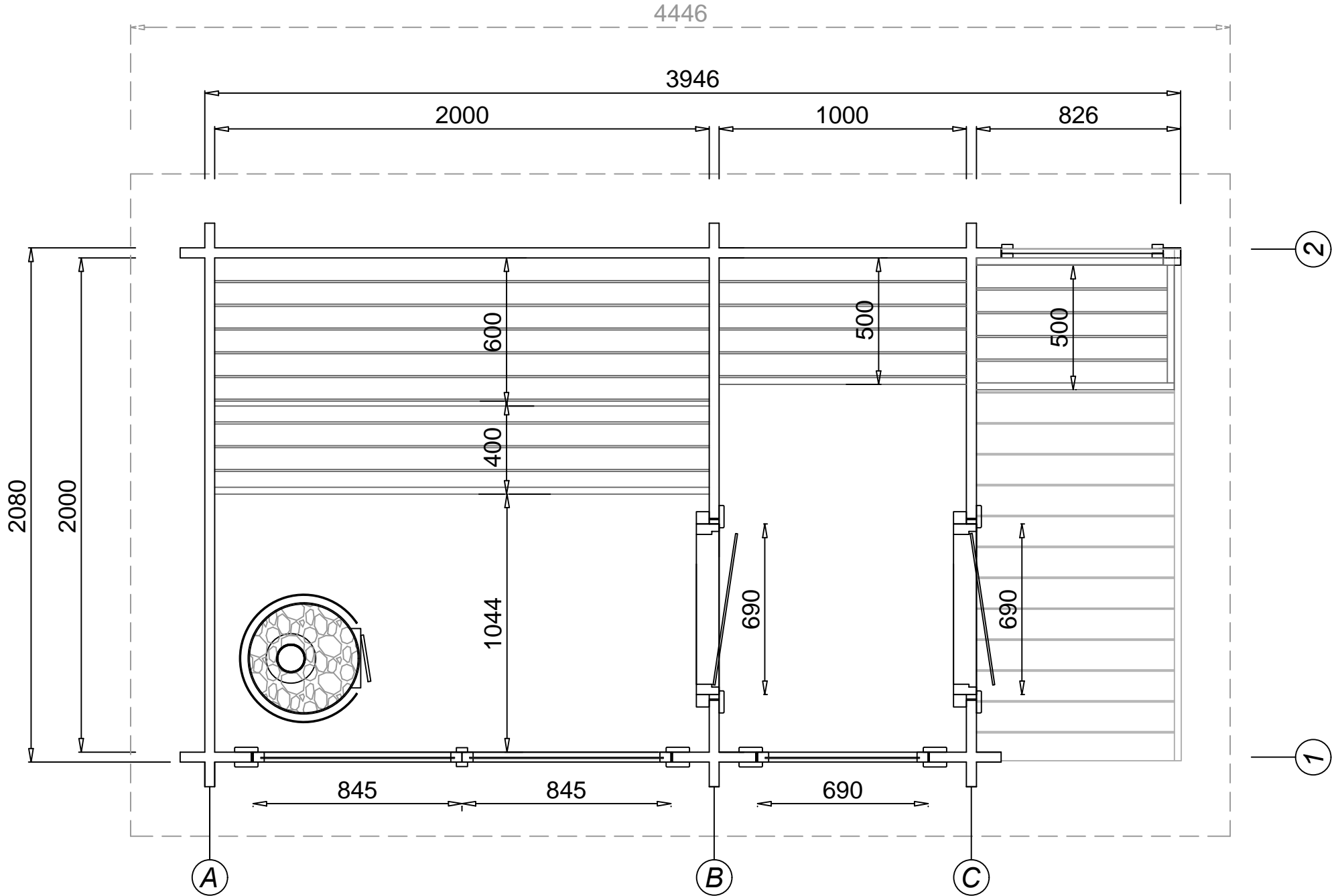
40x146 wall log Halden M 40

	<i>extra</i>	<i>1 pcs</i>	
	<i>001</i>	<i>2 pcs</i>	
	<i>002</i>	<i>2 pcs</i>	
	<i>003</i>	<i>16 pcs</i>	
	<i>003B</i>	<i>1 pcs</i>	

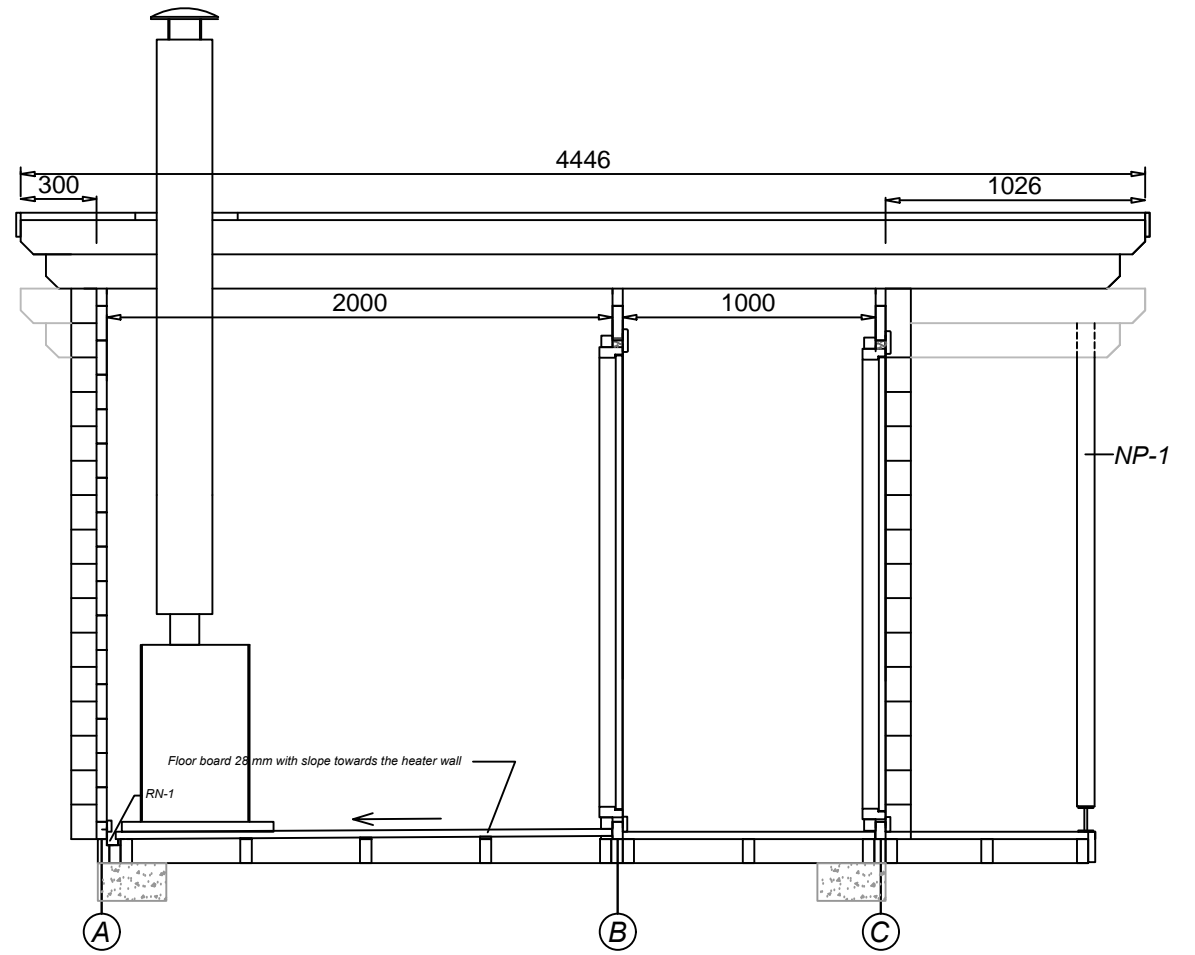
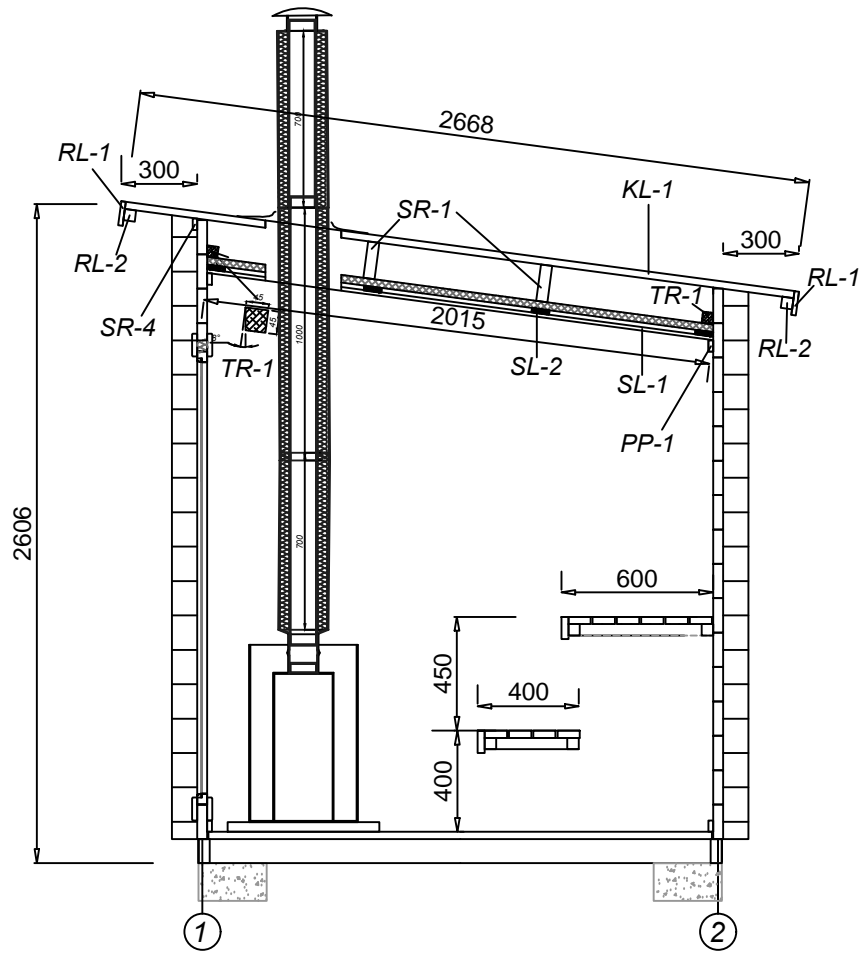
40x146 wall log Halden M 40

	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	

HALDEN M 40 - top view

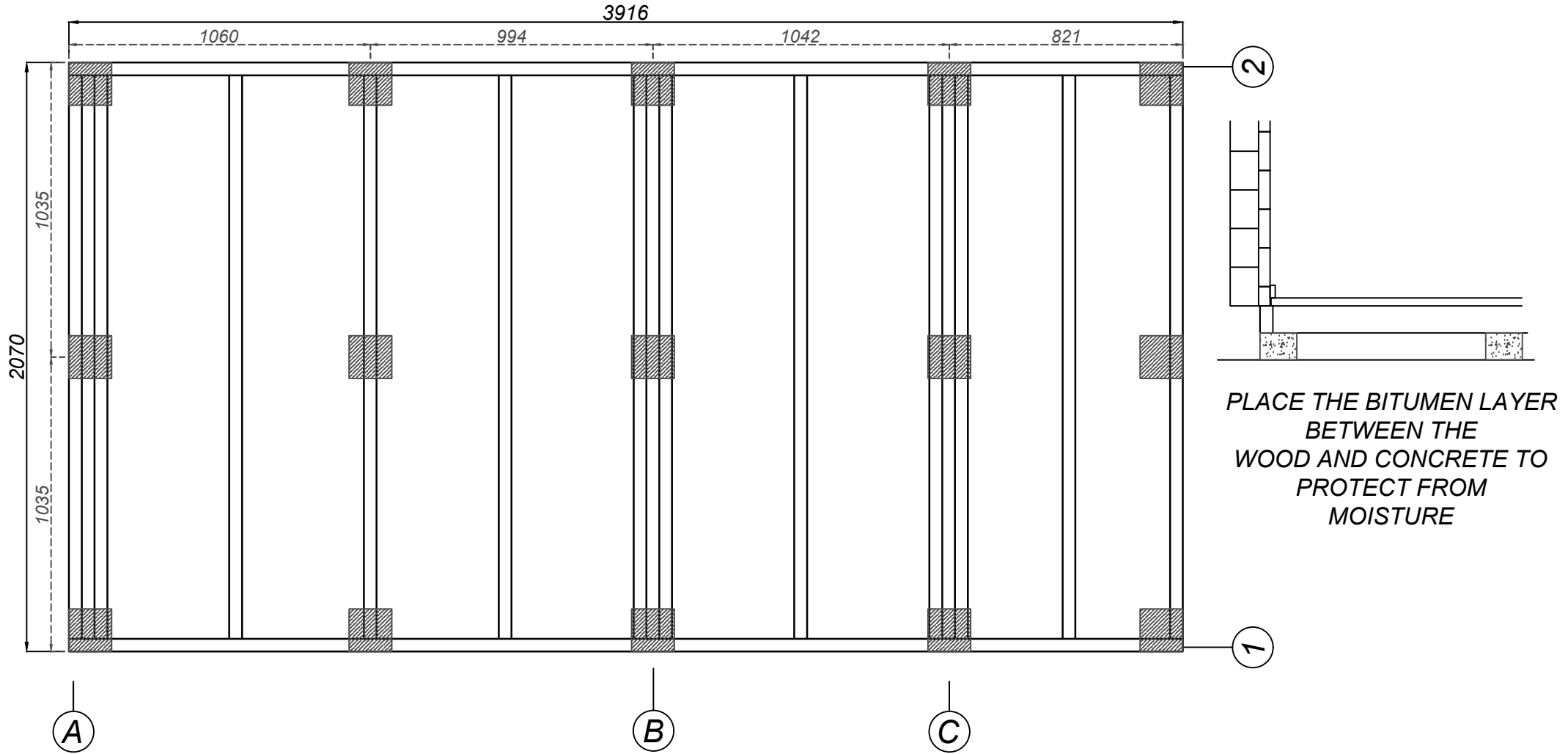


HALDEN M 40 - cross-section

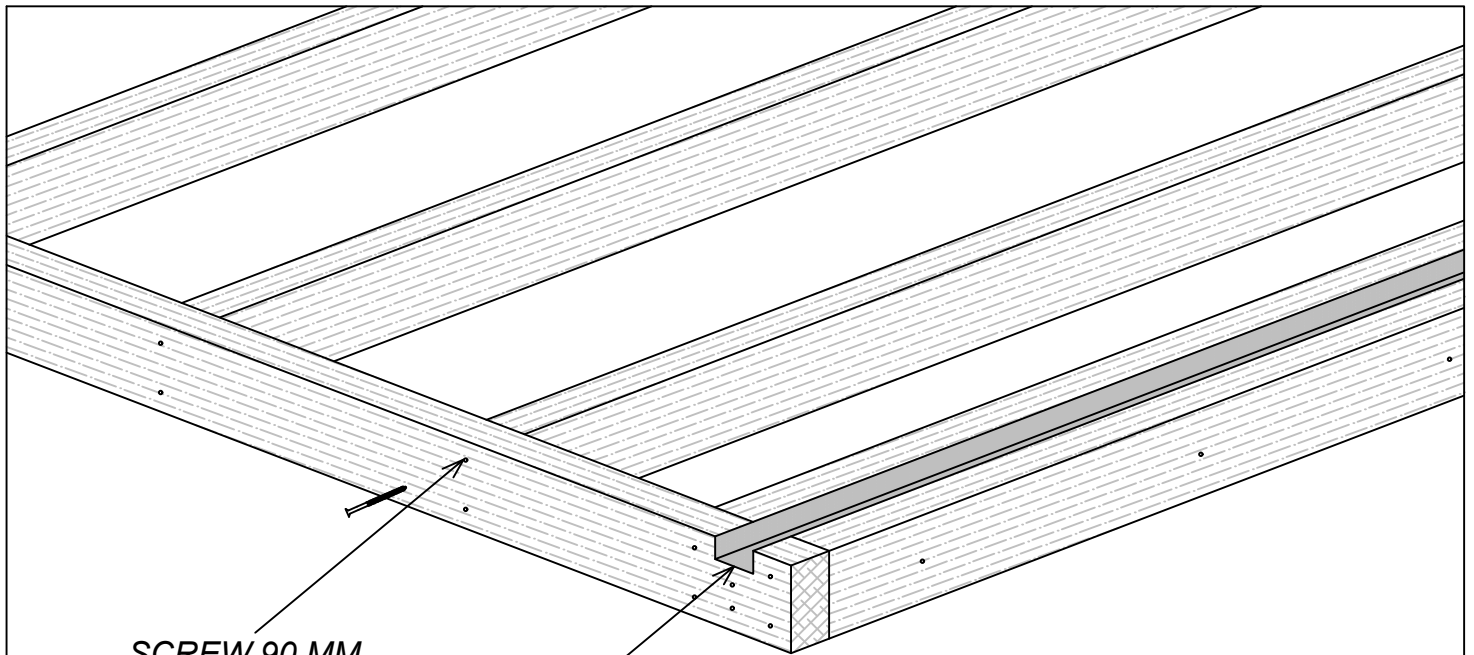


Halden M

BASEMENT POSITIONING



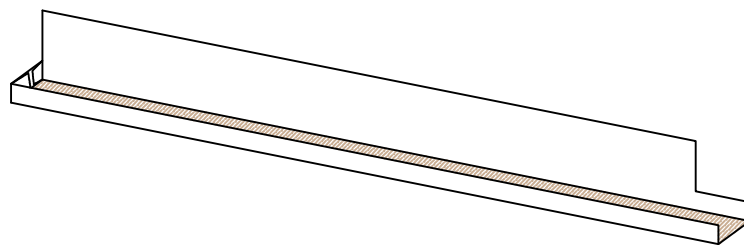
FLOOR FRAME



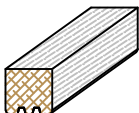
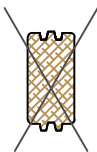
SCREW 90 MM

CUTOUT 45x25
FOR WATER DRAINAGE

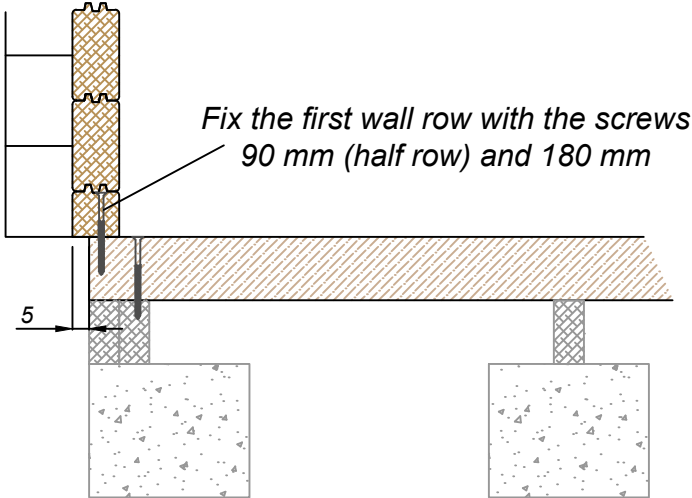
INSTALL THE WATER DRAINAGE DETAL BEFORE FLOOR BOARDS
FIX WITH FLOOR MOULDING



FIRST ROW



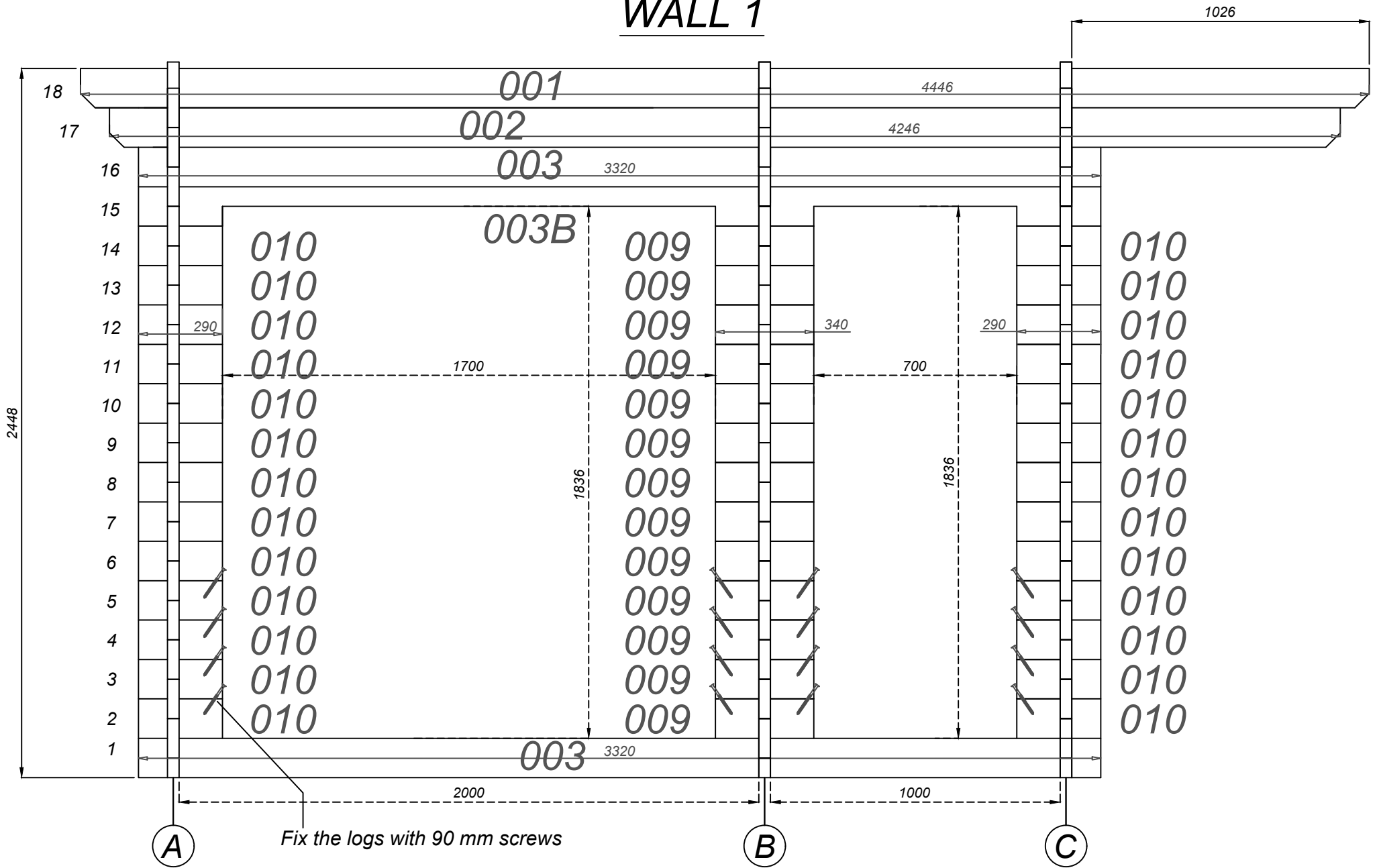
Use rubber hammer and hammer block



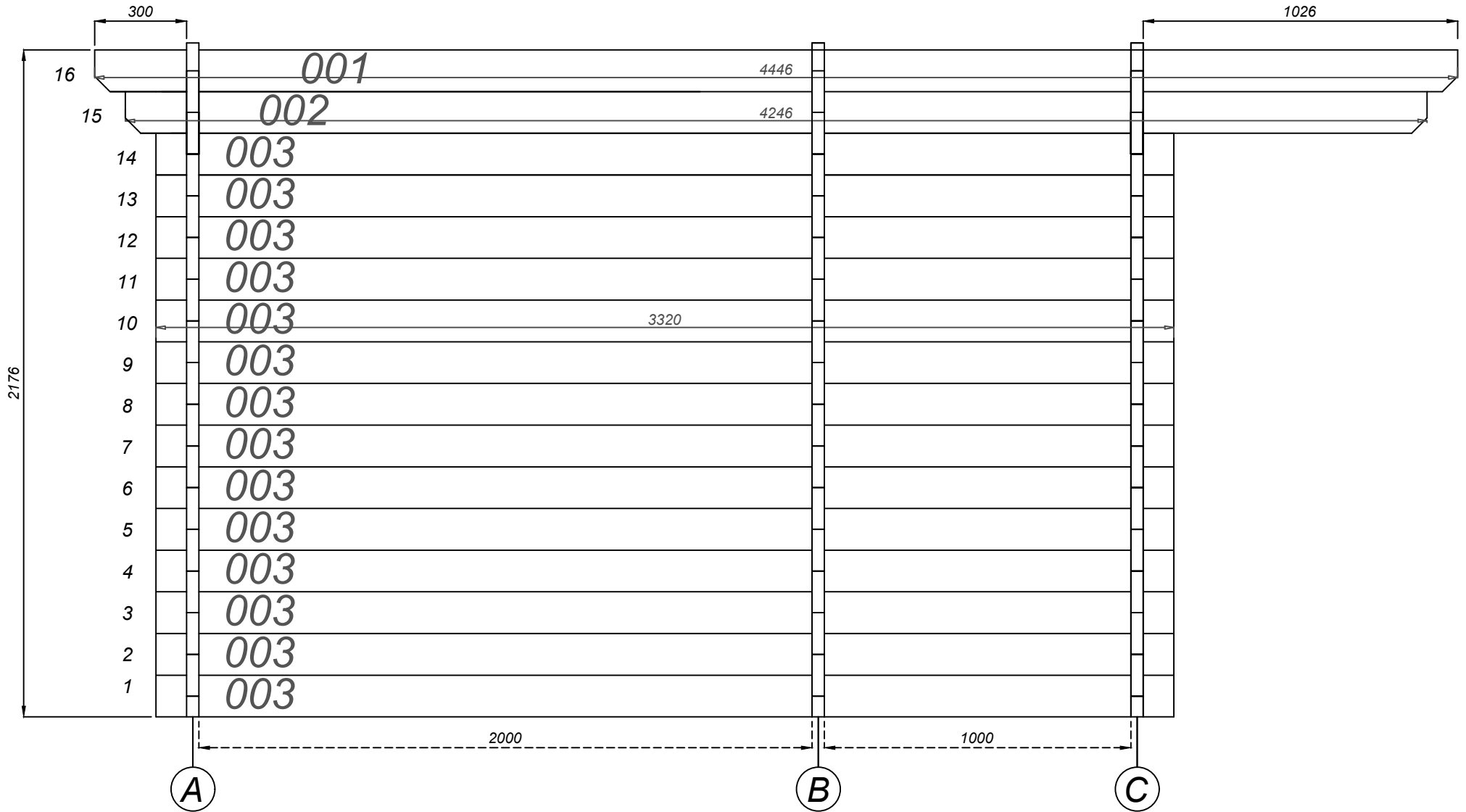
**IN EACH CONNECTION USE 90 MM STAINLESS SCREWS
(TO PROTECT THE BUILDING FOR WIND)**



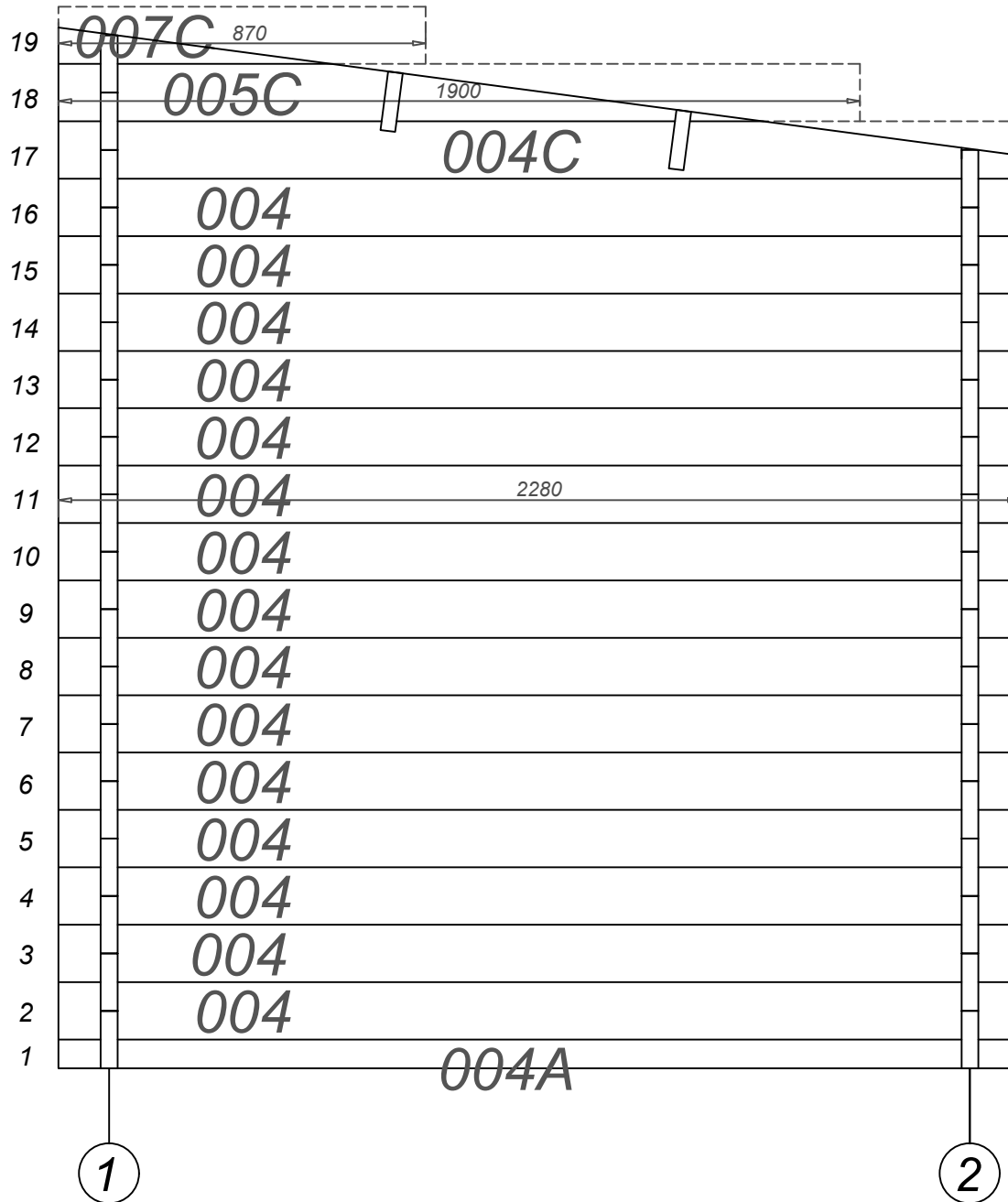
WALL 1



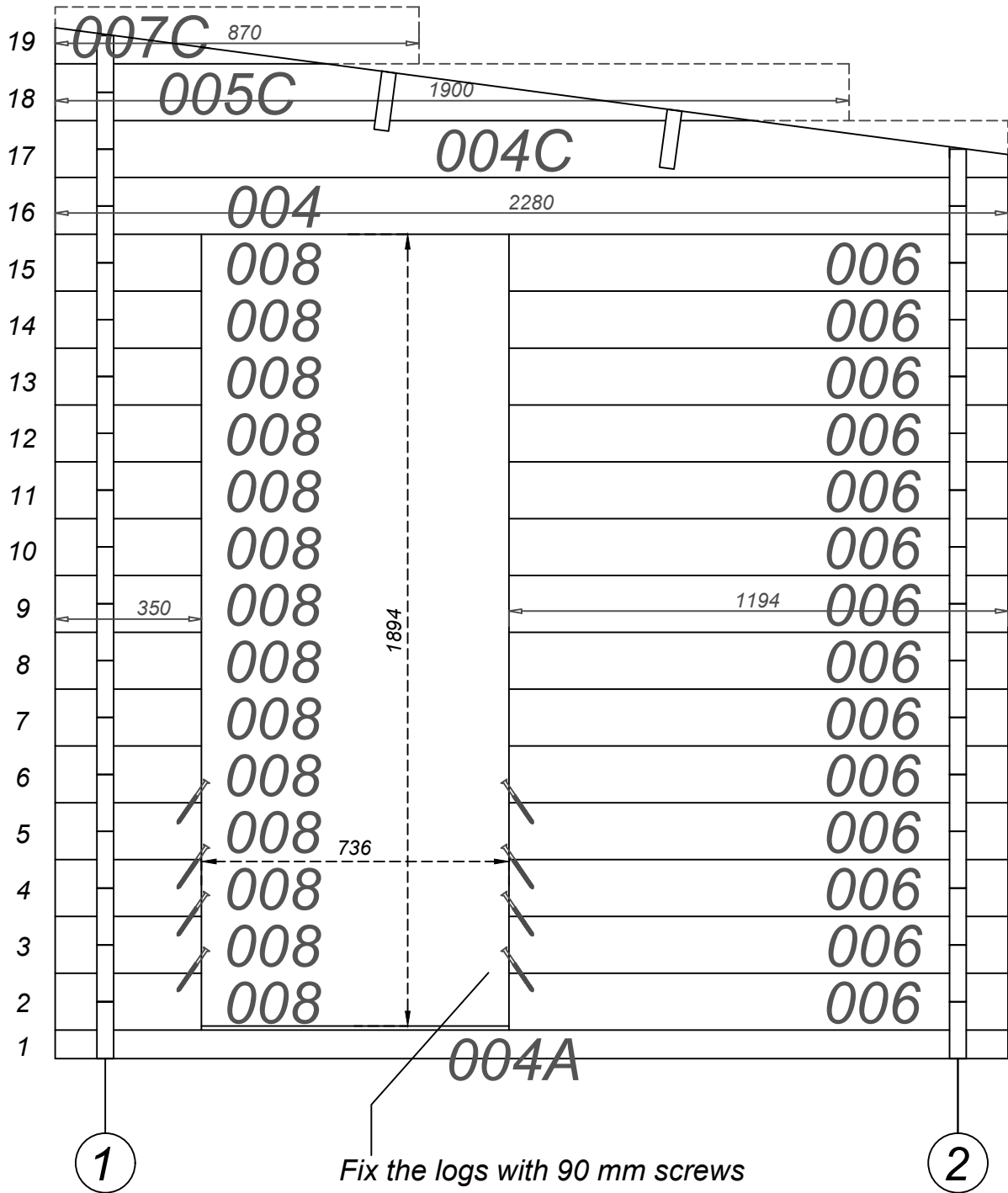
WALL 2



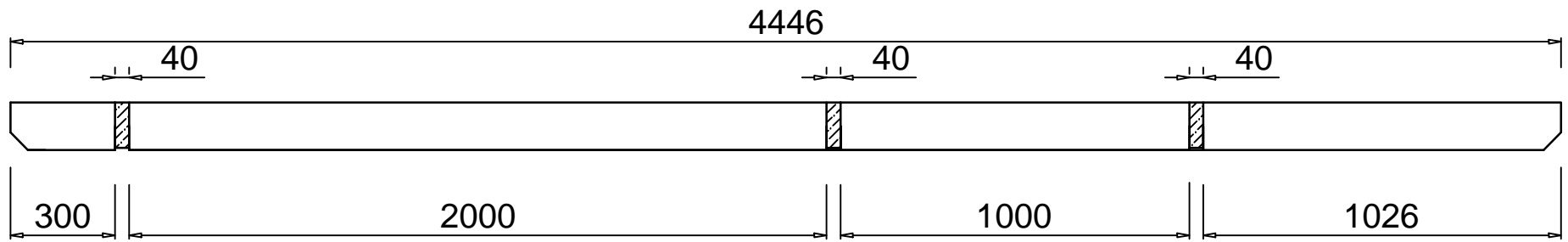
WALL A



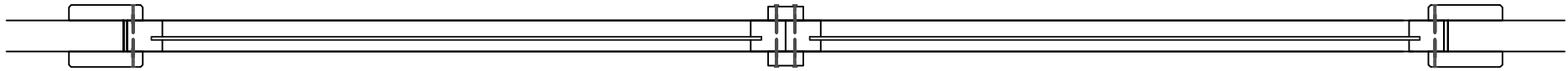
WALL B & WALL C



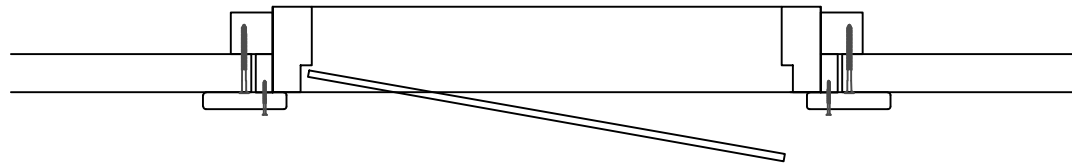
ROOF RAFTER SR-1 - 2 pcs



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

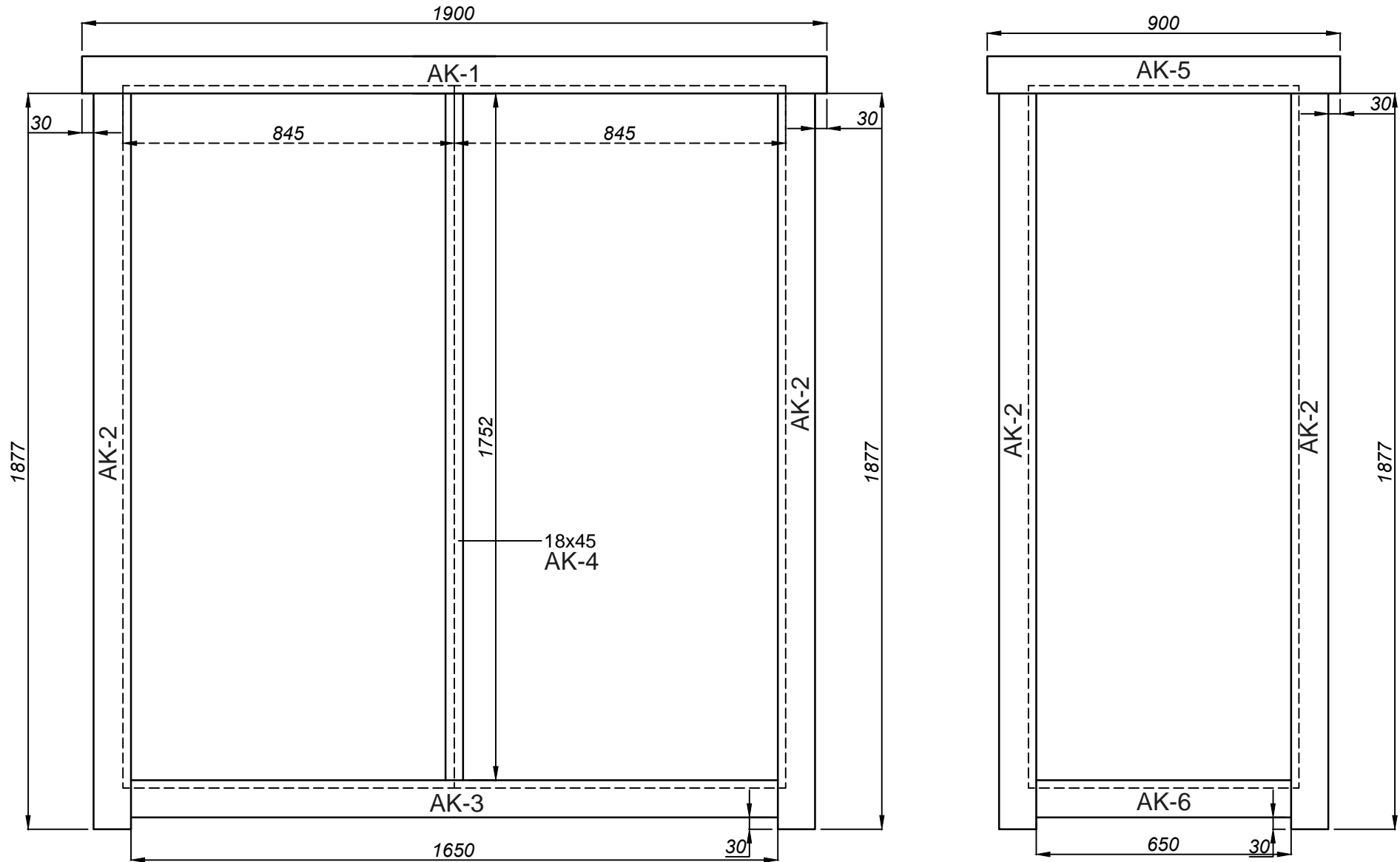


FIX THE DOOR TO THE WALL WITH THE 55 MM STAINLESS SCREWS
FIX THE MOULDINGS USING THE 40 MM STAINLESS SCREWS



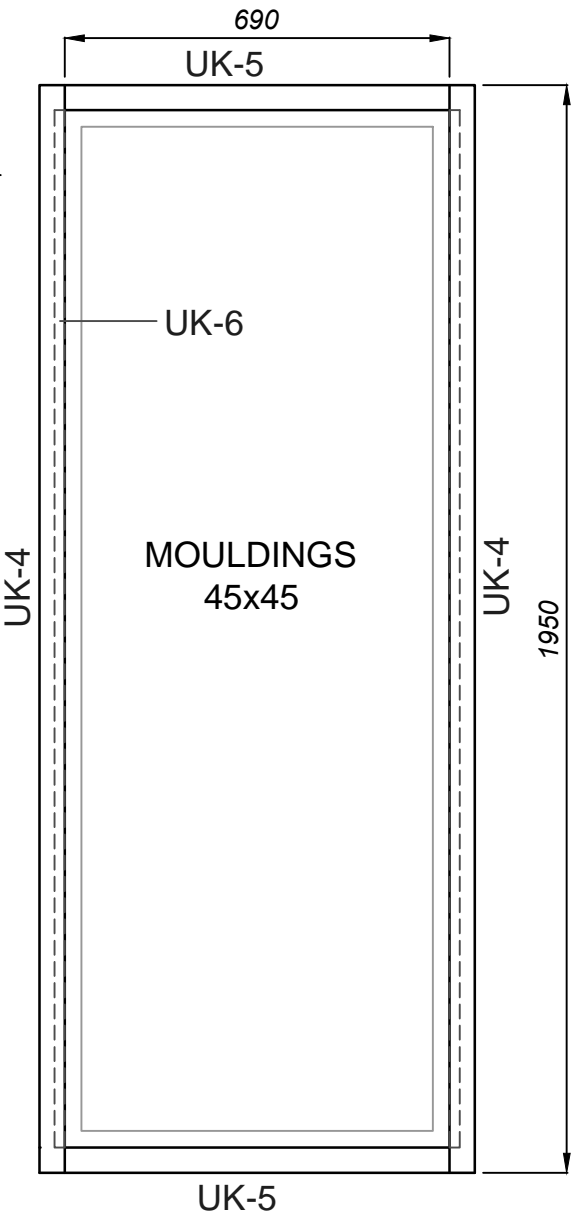
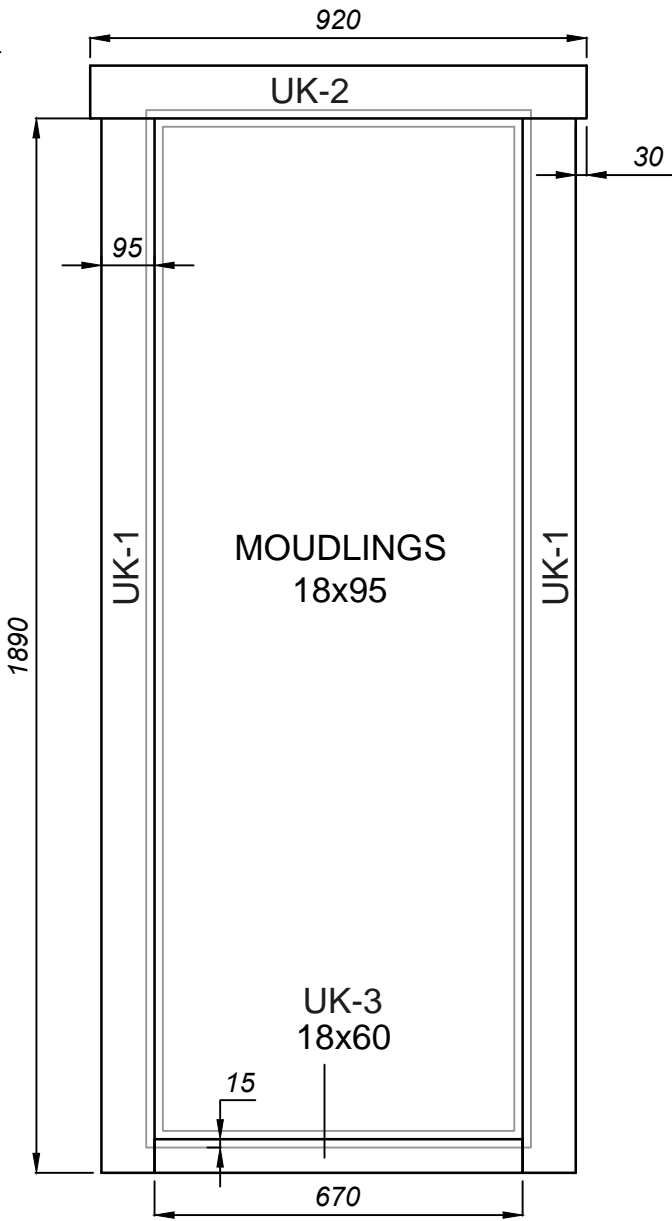
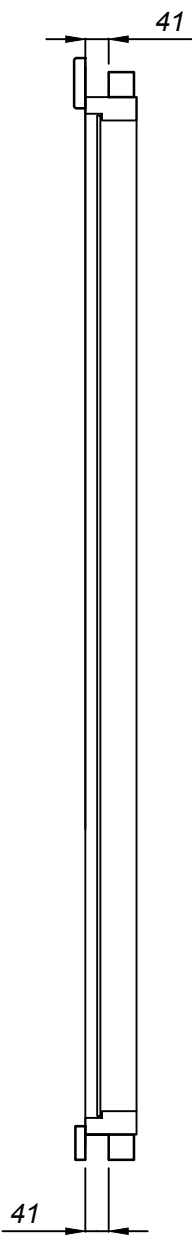
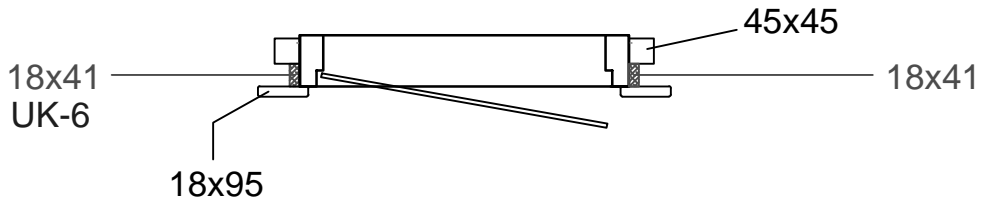
WINDOW MOULDINGS

Inside and outside mouldings are with the same length
Fix the mouldings with a 40 mm screws (stainless)

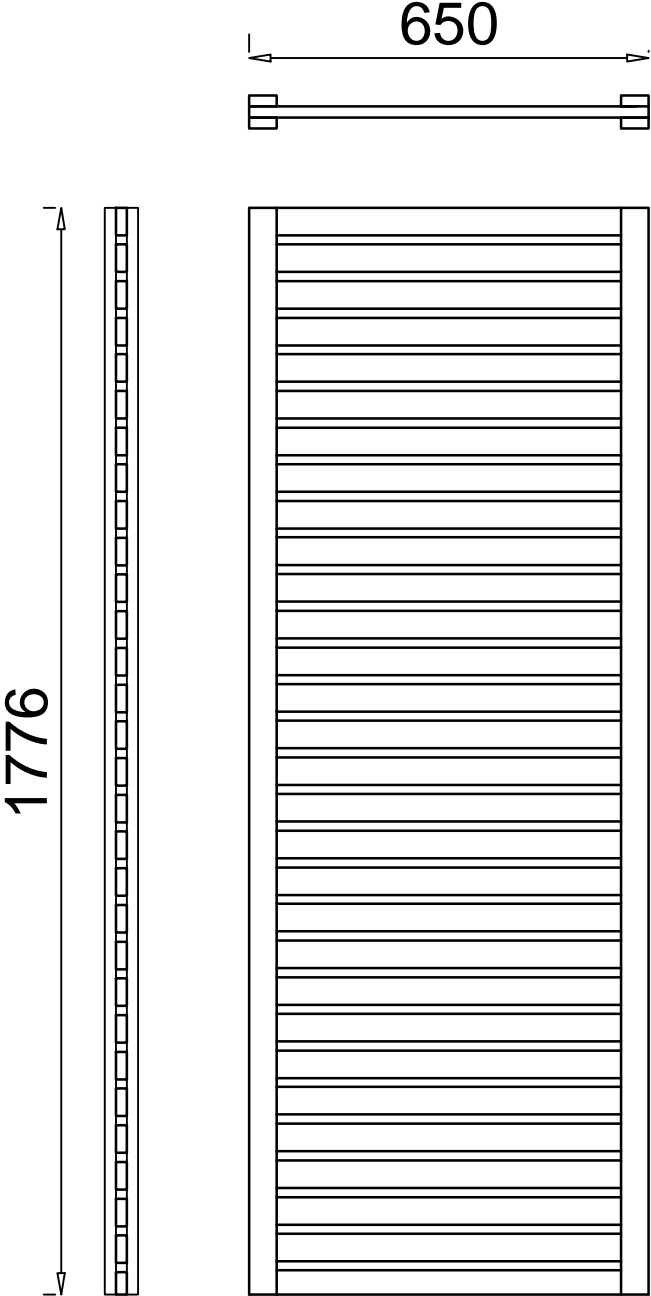


UK-9 DETAILS FOR
BETTER MOULDING
INSTALLATION

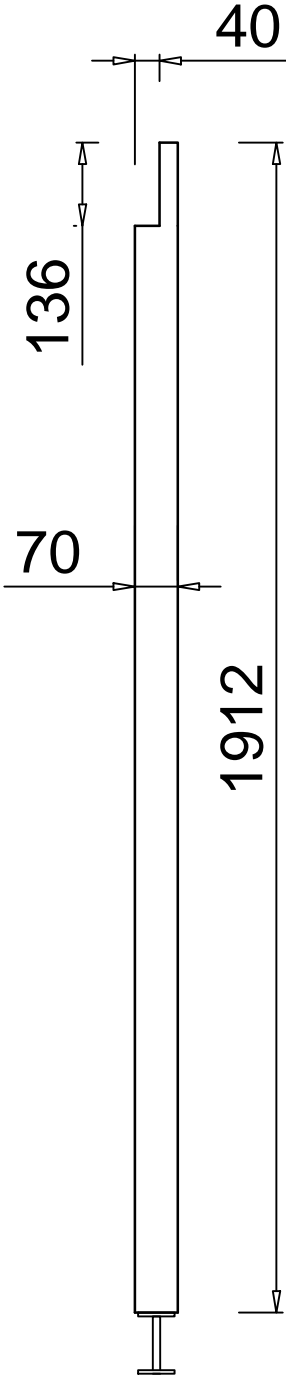
DOOR MOULDINGS (OUTSIDE DOOR)



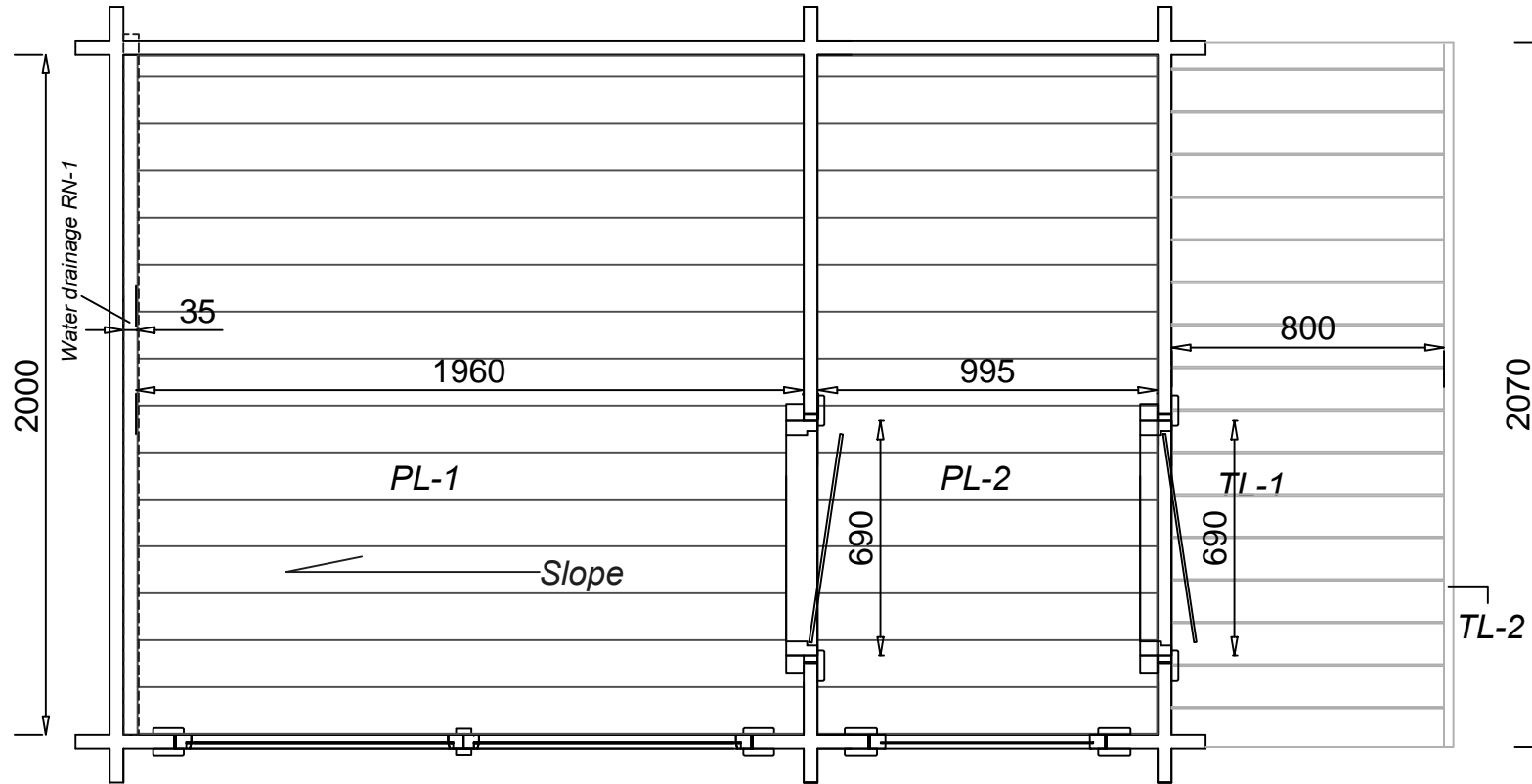
GRID WALL VS-1



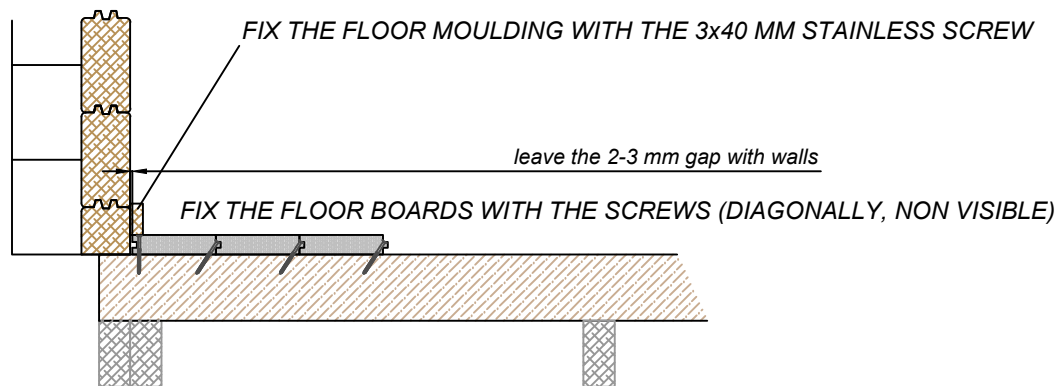
CORNER POST NP-1



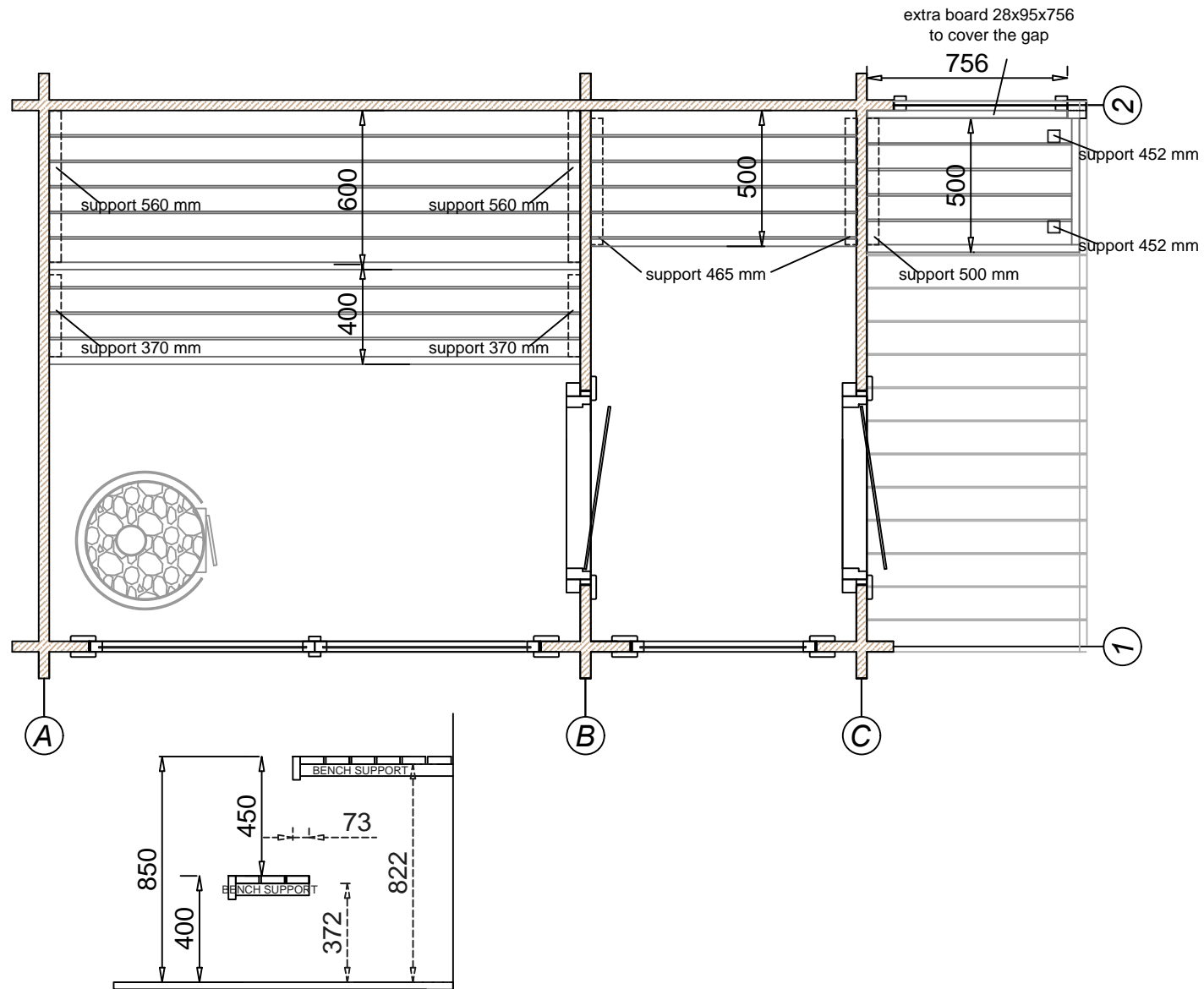
FLOOR BOARDS AND DECKING BOARDS



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



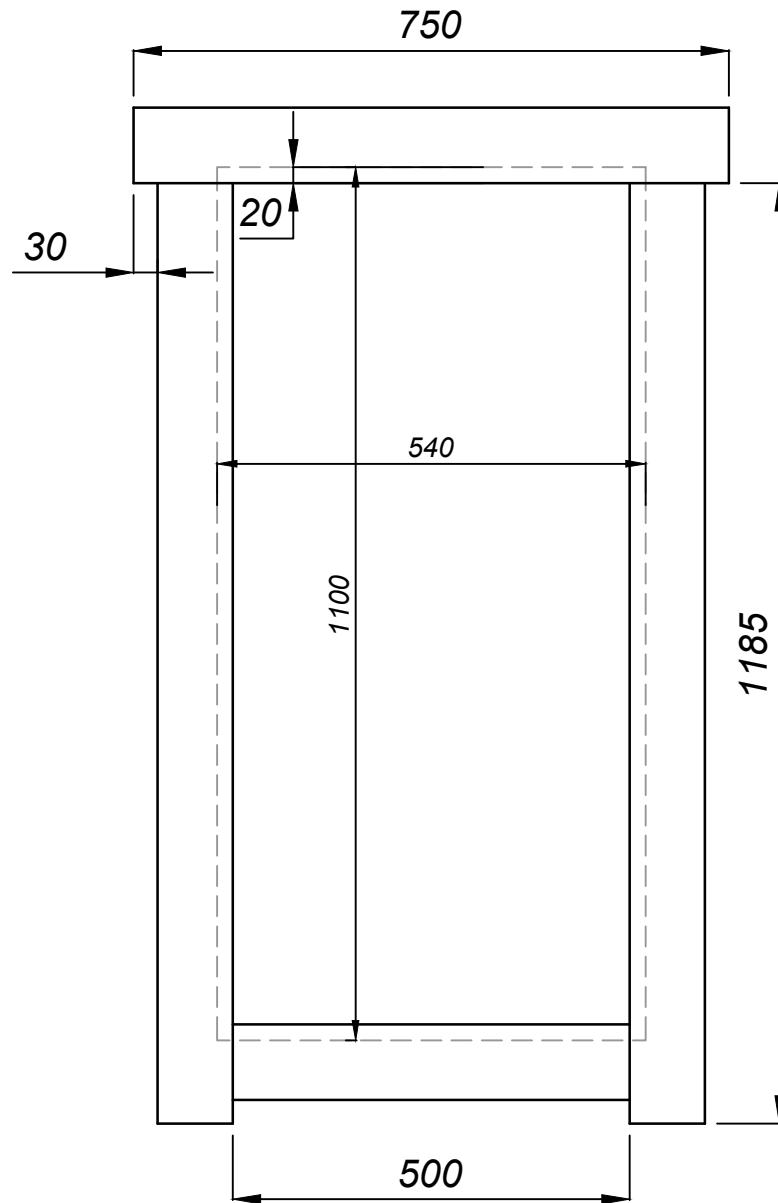
BENCH SET



1. FIRST FIX THE BENCH SUPPORTS TO THE WALL
2. THEN LIFT THE BENCHES ON TOP OF THEM
3. FIX THE BENCHES WITH THE 70 MM SCREWS TO THE WALLS AND SUPPORTS
4. USE VERTICAL SUPPORT TO SUPPORT THE BENCH FROM THE MIDDLE

OPTIONAL WINDOW 540x1100

MOULDINGS



THERE IS NO HOLE IN THE WALL FOR EXTRA WINDOW
CUT THE HOLE AFTER FINISHING THE WALL INSTALLATION

HOLE MEASURE 550x1140 MM

FIX THE WINDOW TO WALL WITH THE MOULDINGS