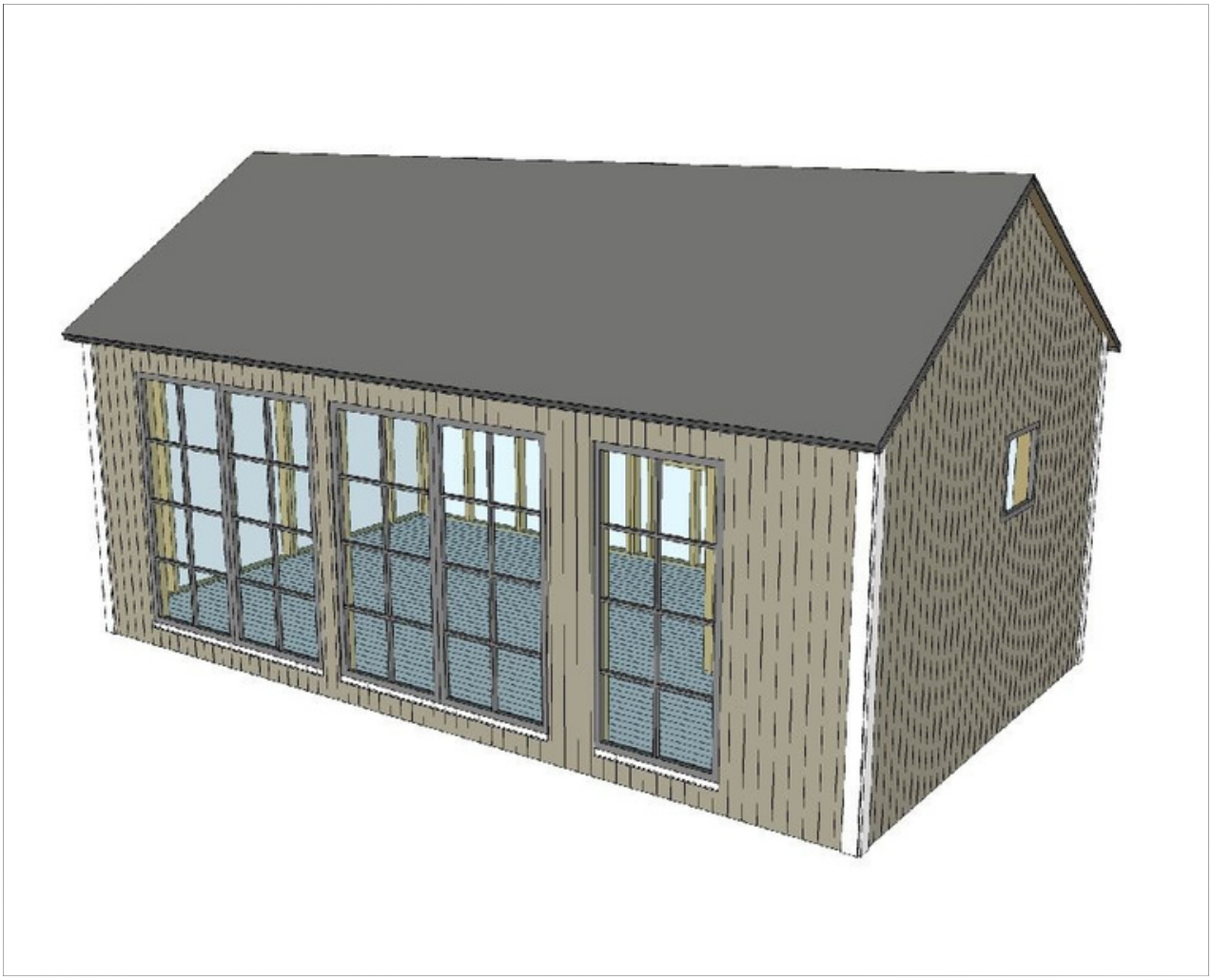
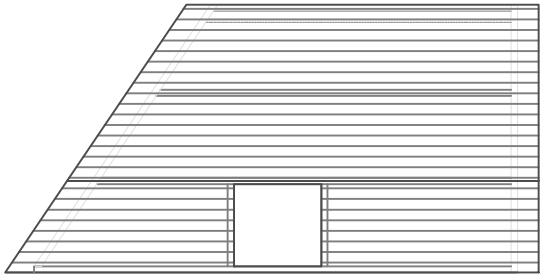
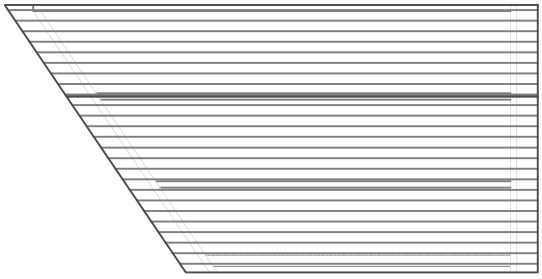
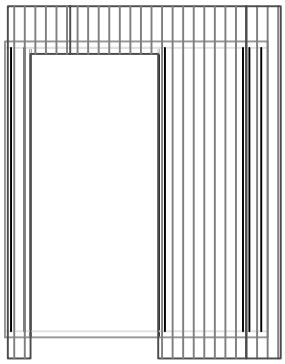
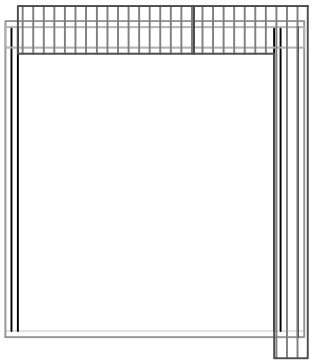
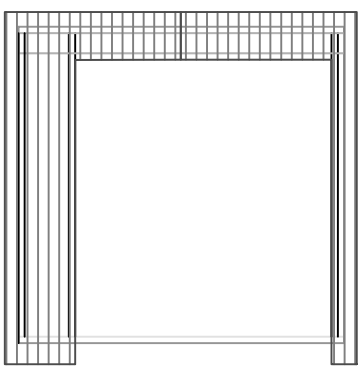
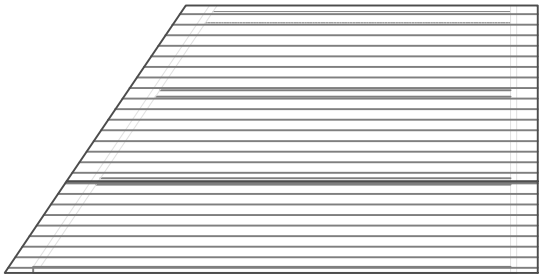
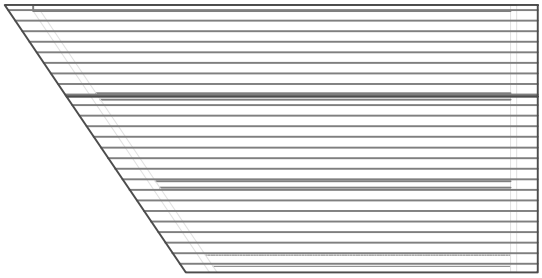
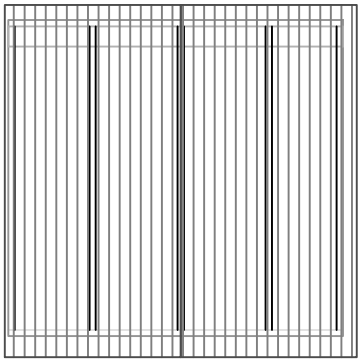
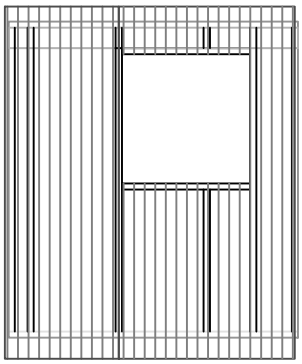
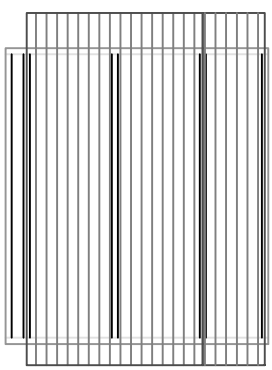


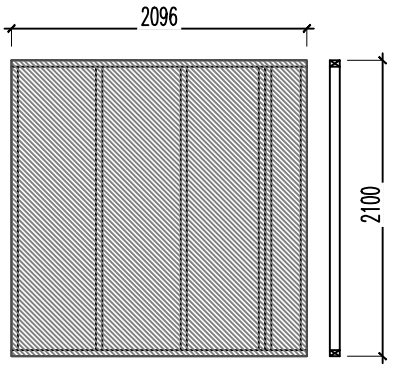
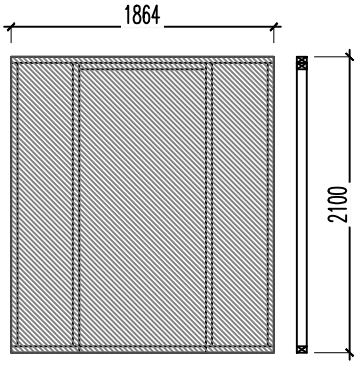
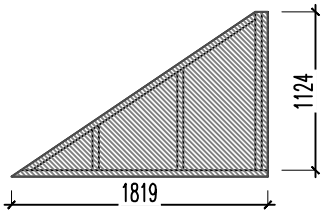
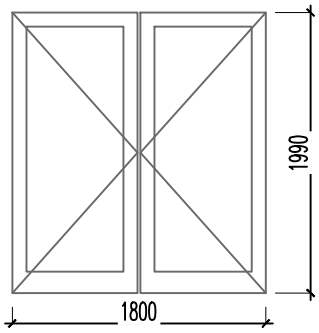
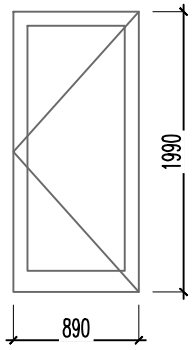
Installation guide

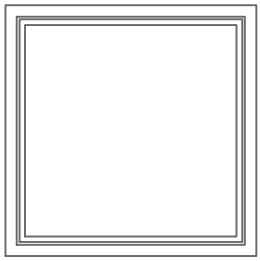
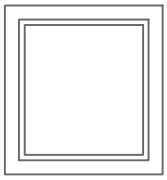
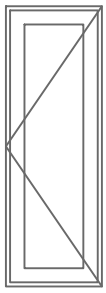
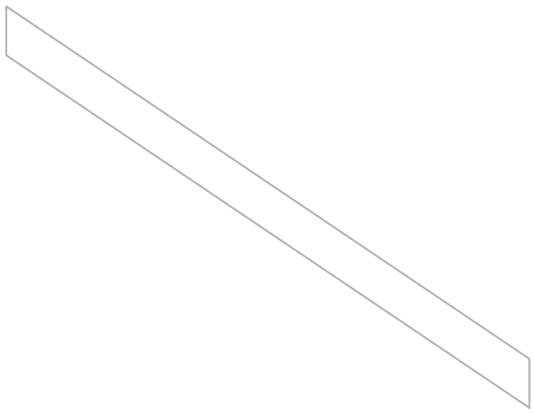
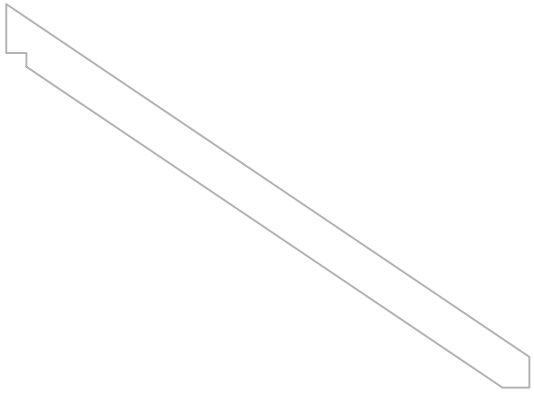
- Package list
- Materials
- Technical drawings

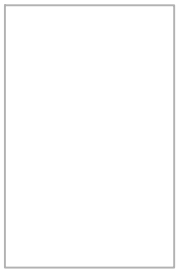
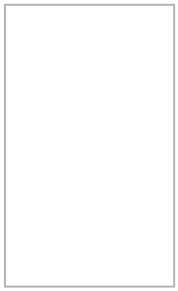
1 April 2019

EL 1		1900x3390x134	1 pcs
EL 2		1900x3390x134	1 pcs
EL 3		1960x2500x134	1 pcs
EL 4		2150x2500x134	1 pcs
EL 5		2500x2500x134	1 pcs

EL 6		1900x3390x134	1 pcs
EL 7		1900x3390x134	1 pcs
EL 8		2500x2500x134	1 pcs
EL 9		2080x2500x134	1 pcs
EL 10		1865x2500x134	1 pcs

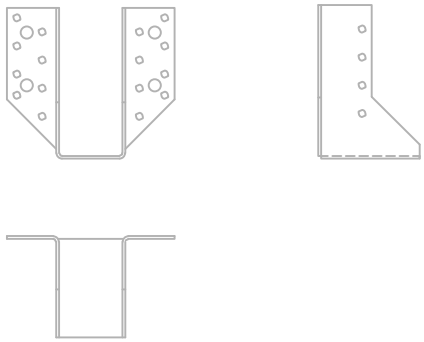
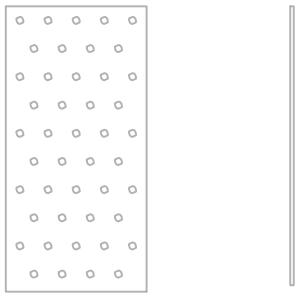
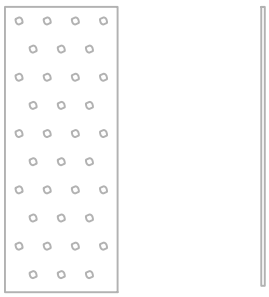
VS 1		2096x2100x82	1 pcs
VS 2		1864x2100x82	1 pcs
VS 3		1819x1124x82	1 pcs
D1		1800x1990x100	2 pcs
D2		890x1990x100	1 pcs

W 1		890x890x80	1 pcs
W 2		600x560x82	1 pcs
D(I) 1		900x2000x72	1 pcs
PS-01		45x195x2239	4 pcs
PS-02		45x195x2239	20 pcs

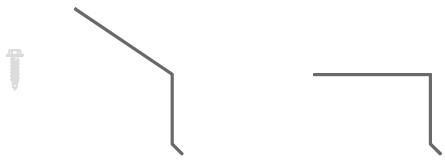
KP101		1200x2239x10	8 pcs
KP102		622x2239x10	2 pcs
KP103		1078x2239x10	2 pcs
KP181		1200x2400x18	8 pcs
KP182		779x2400x18	2 pcs
KP183		1235x2400x18	2 pcs

1.1		50x150x4860	2 pcs
1.2		50x150x1640	2 pcs
1.3		50x150x3700	14 pcs
1.4		28x100x3900	18 pcs
1.5		28x100x4500	33 pcs

2.1		44x144x3700	4 pcs
2.2		44x144x1860	2 pcs
2.3		18x100x1860	36 pcs
2.4		4x35	400 pcs
2.5		4x45	920 pcs

3.1		47x105	20 pcs
3.2		65x90 BMF105	24 pcs
3.3		120x240	2 pcs
3.4		80x200	1 pcs
3.5		4x40	328 pcs

4.1		6x120	76 pcs
4.2		6x80	132 pcs
4.3		4x60	120 pcs
4.4		4,5x50	148 pcs
4.5		4x30	20 pcs

5.1		18x120x2500 18x120x3785	10 pcs
5.2		18x125x2500	4 pcs
5.3		18x90x2500	8 pcs
5.4			set
5.5			set

FLOOR ELEMENT

Material:

No.	Item	Quantity
1.1	50X150 beams 4860mm+1640mm	2
1.2	50x150 cross beams 3700mm	16
3.3	Nail plate (steel 120x240mm) and screws	2
4.1	Screw 6x120	60

Steps

For measurements and exact position of beams look drawing 001 (mariedal_floor)

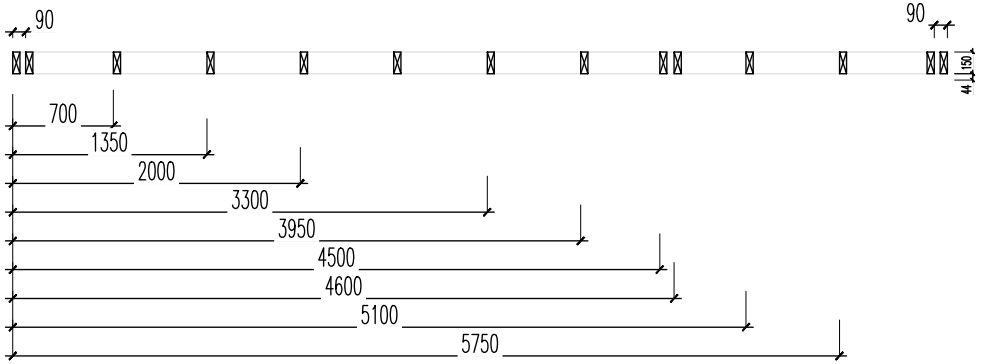
- Connect side beams with iron plates, mark the positions by the given measurements on a drawing 001
- Screw cross beams using two 6x120 screws on each side.

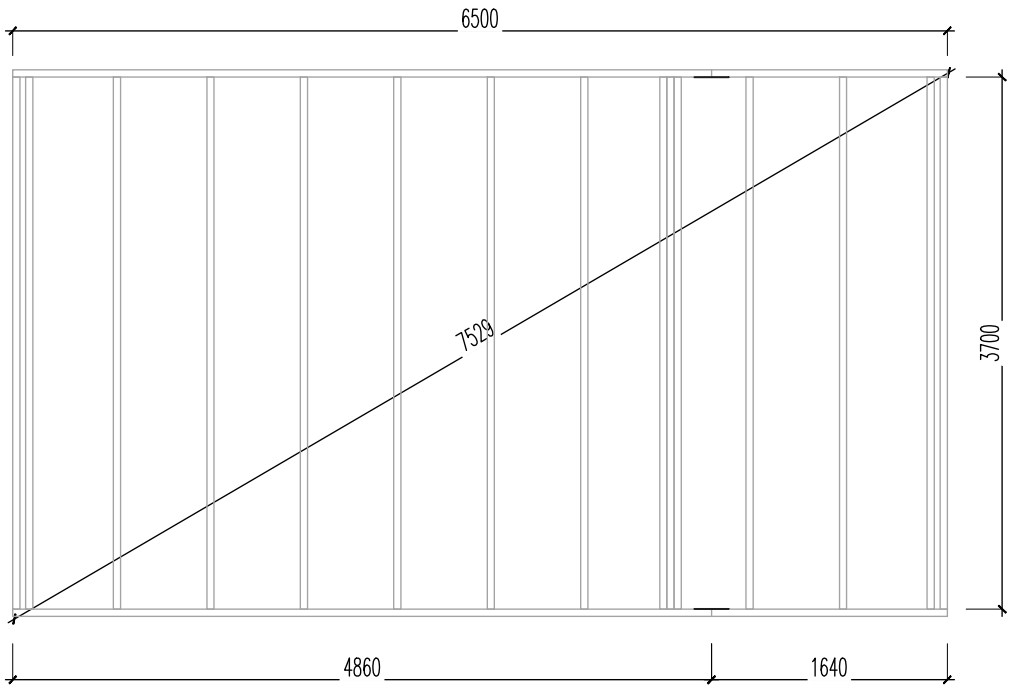




floor

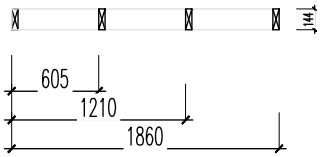
1:50

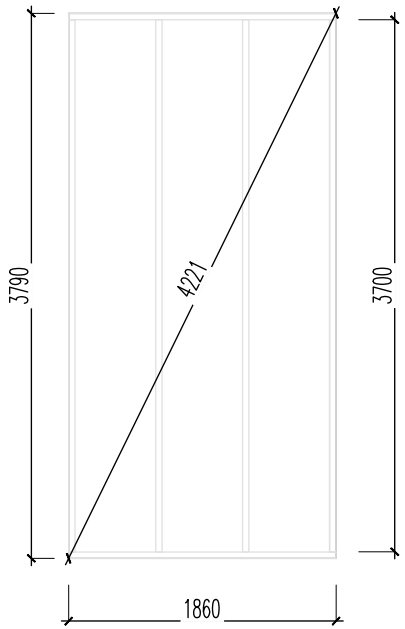




ceiling panel

1:50





MARIEDAL	Floor modules 001	
	01.04.2019	
	EP	
	Rein-Erik Jõe	56661911

WALL ELEMENTS

Material:

No.	Item	Quantity
EL 1-10	Wall elements (numbered)	10
4.2	Screw for joints, base and wall to wall 6x80	84

Steps

Elements by number

- Before installing remove transportation blocks.
- Connect wall element (numbered) side by side and to the wall element with 6x80 screws
- Positions of the walls on drawing 002.









INNER-WALLS

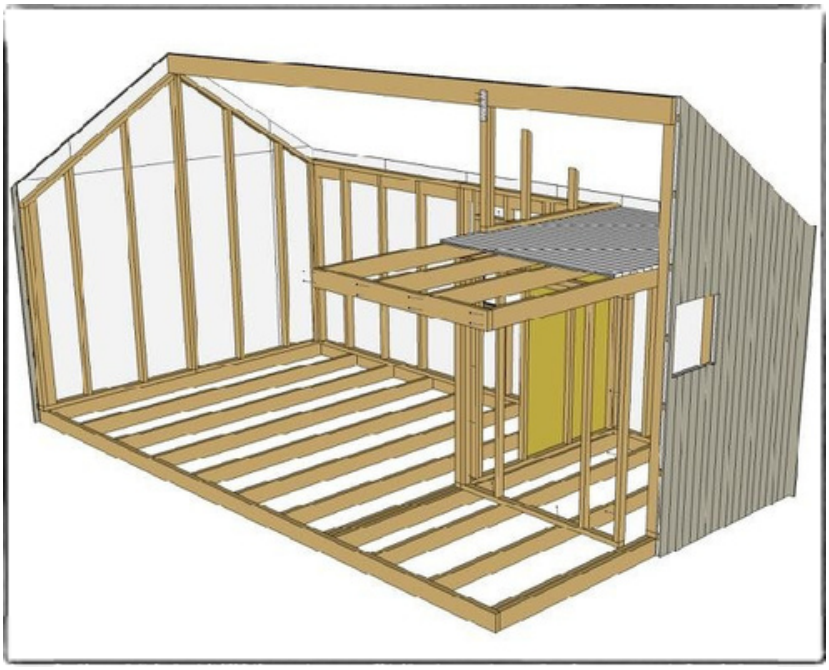
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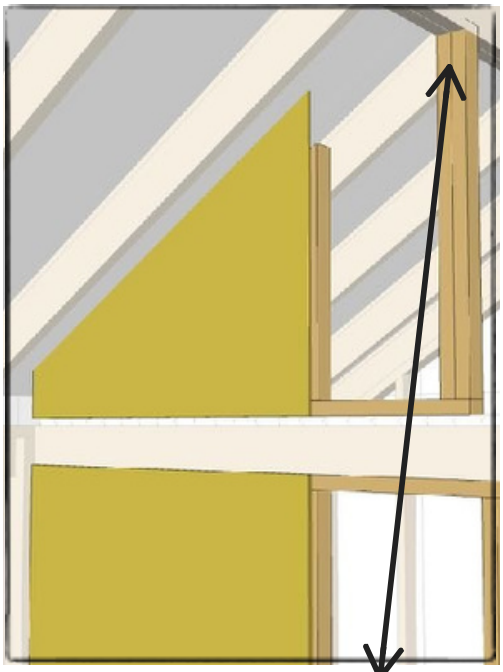
No.	Item	Quantity
VS-(1-2)	Inner-wall elements (down-stairs)	2
4.2	Screws 6x80 (wall)	26
VS-3	Wall upstairs	1

Steps

For measurements and exact position of elements look drawing 002 (mariedal_floorplan)

- Connect side by side, screws s.500

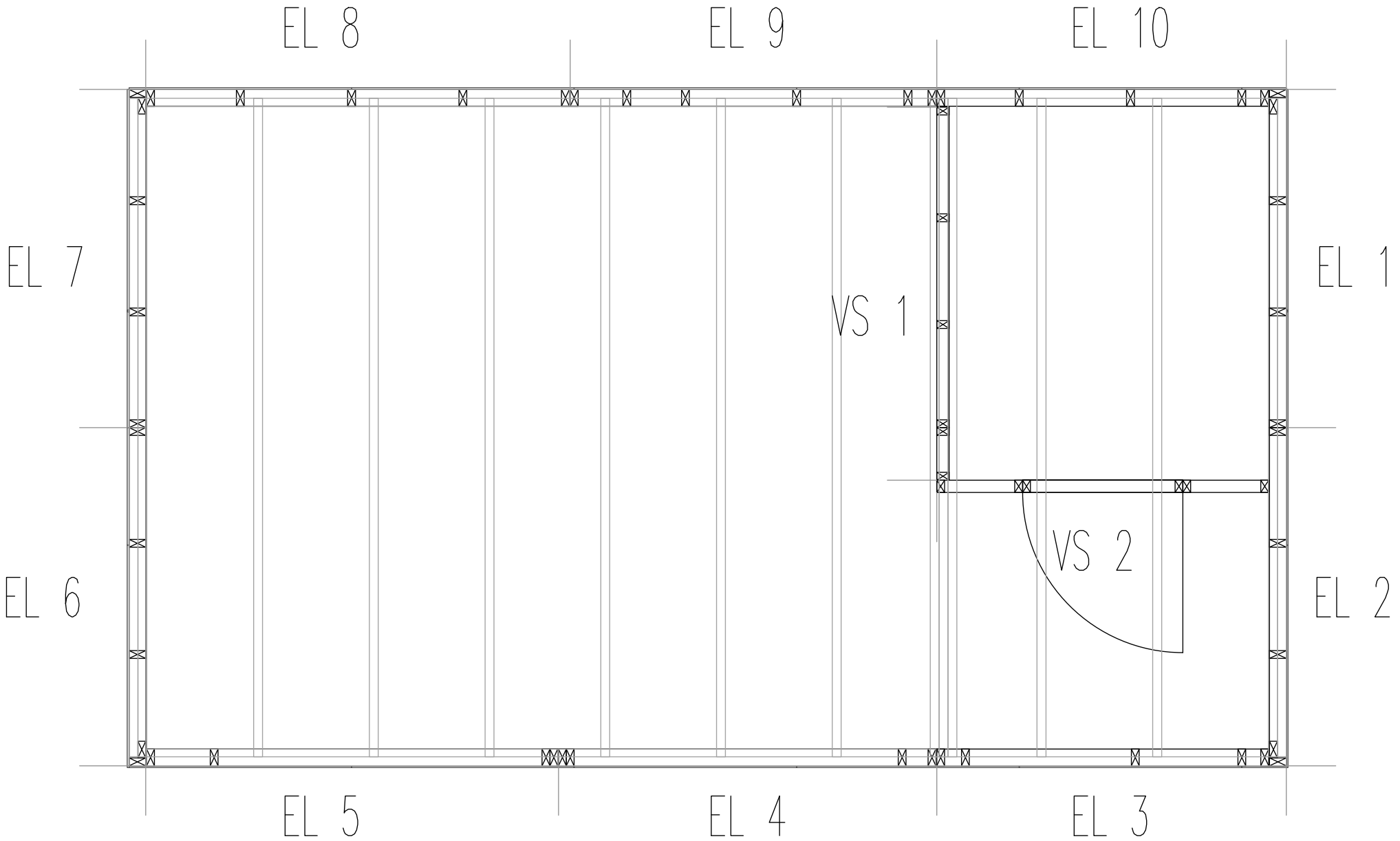












MARIEDAL	Floorplan, elements 002	
	01.04.2019	
	EP	
	Rein-Erik Jõe	56661911

CEILING PANEL

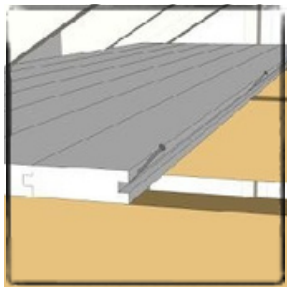
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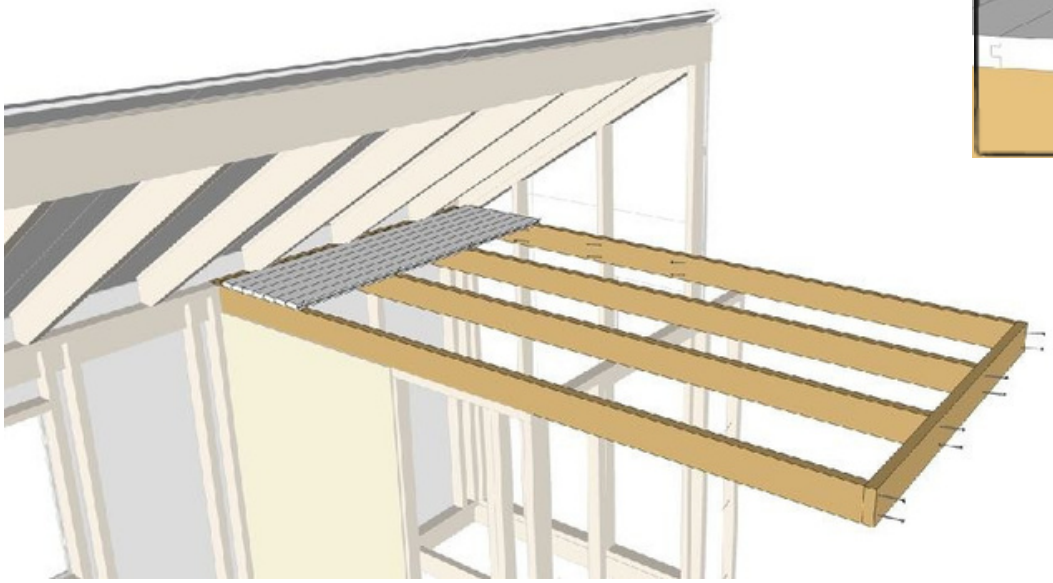
No.	Item	Quantity
2.1, 2.2	Ceiling element material: beams 2x1860, 4x3700	10
4.1	Screw for beams 6x120	16
4.2	Screws for connecting to wall 6x80	10
2.3	Floorboards 18x100x1860	36
2.5	Floorboard screws 4x45	170

Steps

Elements by number

- Screw cross beams using two 6x120 screws on each side.
- Positions on drawing 001
- Floorboard (cut to length at site)





ROOF CONSTRUCTION

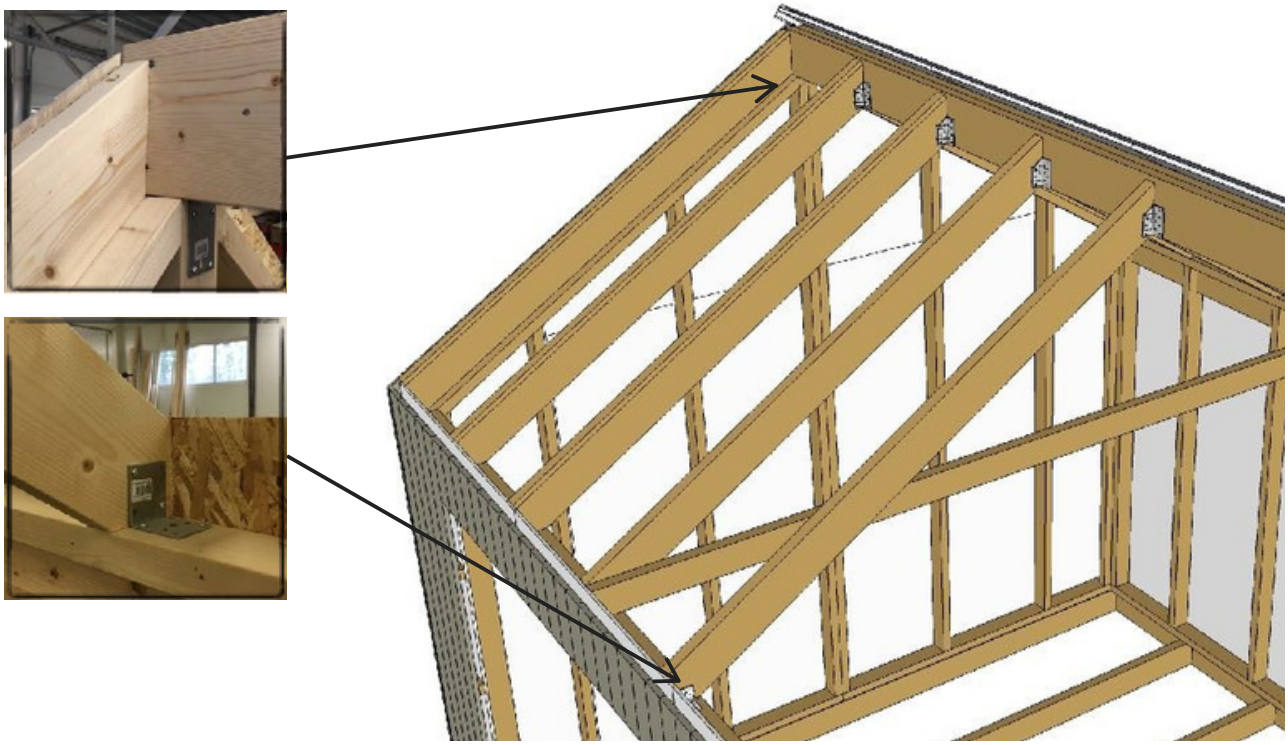
Material:

No.	Item	Quantity
LPT-01	Laminated beam 90x194x6500	1
PS-01	Rafters 45x145	4
PS-02	Rafters 45x145	20
PS-01	Tie 45x95	1
3.1	Rafter bracket	20
3.2	Angle brackets	24

Steps

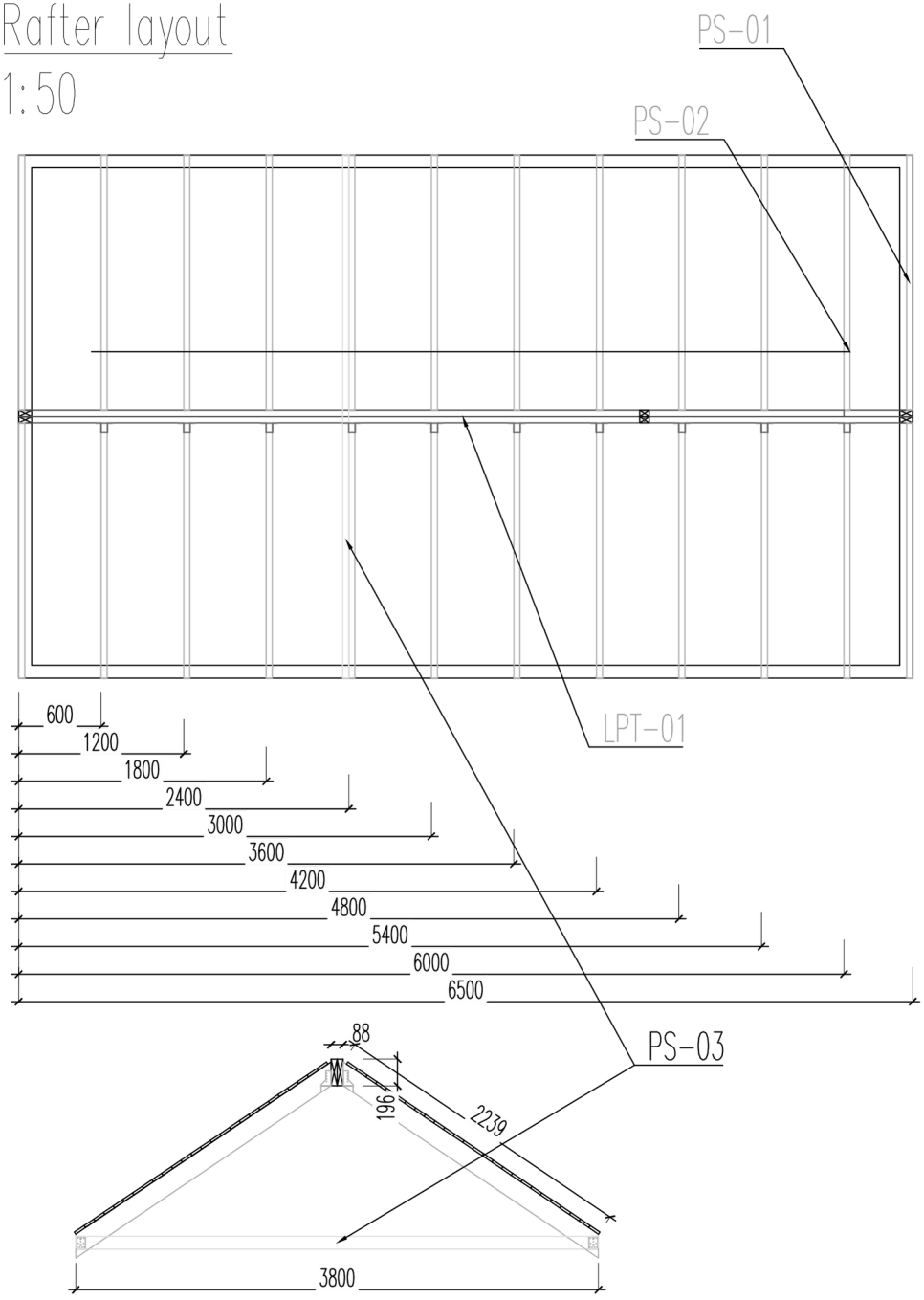
Placement of the rafters

- Rafters jointed with brackets
- Positions and dimensions visible on drawing 004

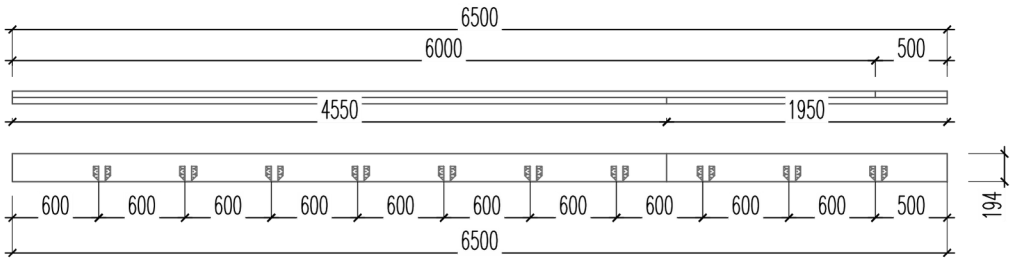


Rafter layout

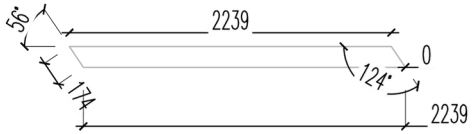
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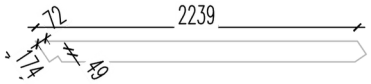
LPT -01 (beam)



PS -01 (rafter 1)



PS -02 (rafter 2)



PS -03 (tie)



LPT-01	LIIMPUITTALA	88x194		xxx	1			
PS-01	PUITSARIKAS	44x144		xxx	4			
PS-02	PUITSARIKAS	44x144		xxx	20			

MARIEDAL

Roof construction
004

01.04.2019

EP

Rein-Erik Jõe

56661911

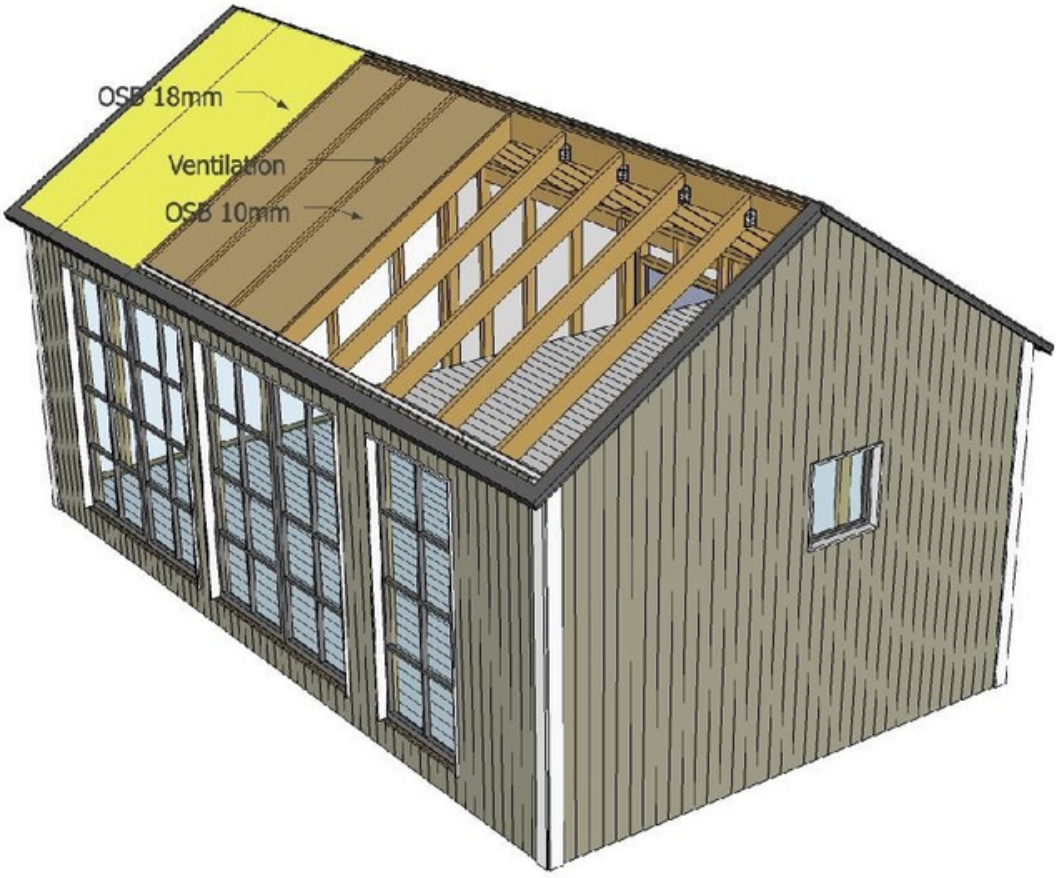
ROOFING

Material:

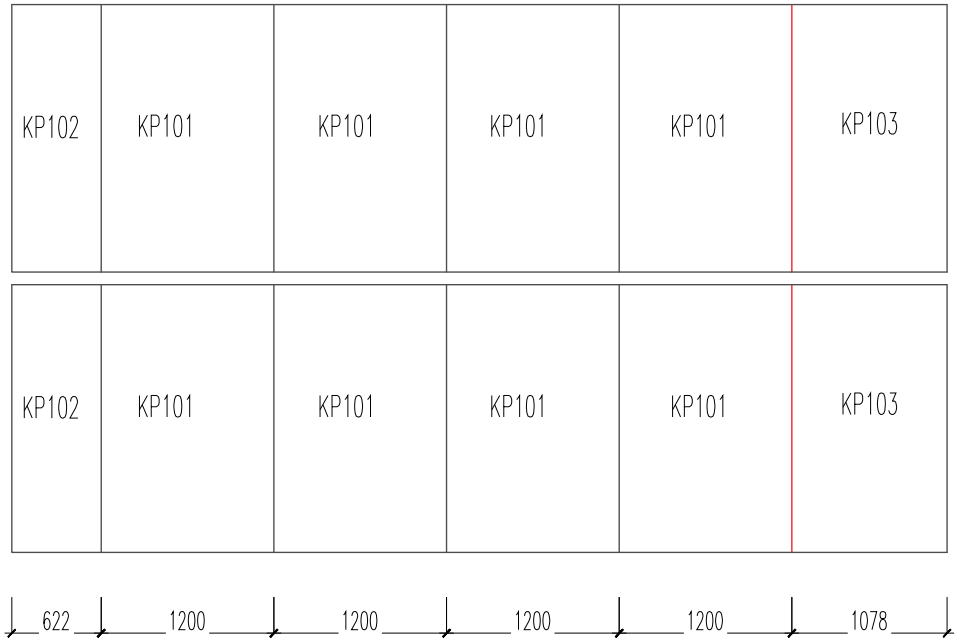
No.	Item	Quantity
KP 101-103	OSB 10mm, screws (4x35) 400 pcs	12
	Ventilation distance, screws (4x60) 120pcs	24
KP 181-183	OSB 18mm, screws (4x45) 400pcs	1
5.4	Edges (metal), screws 36pcs	set

Steps

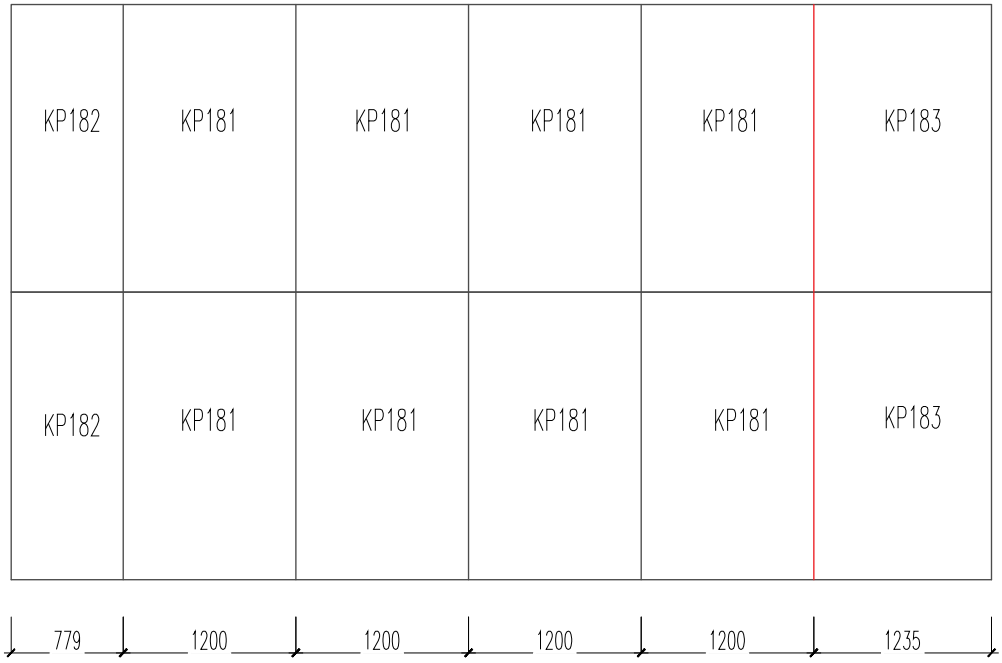
•Layout of panels visible on drawing 006



10mm OSB layout
1:50



18mm OSB layout
1:50



MARIEDAL	Roof panel layout 006	
	01.04.2019	
	56661911	

FLOOR AND DOOR!

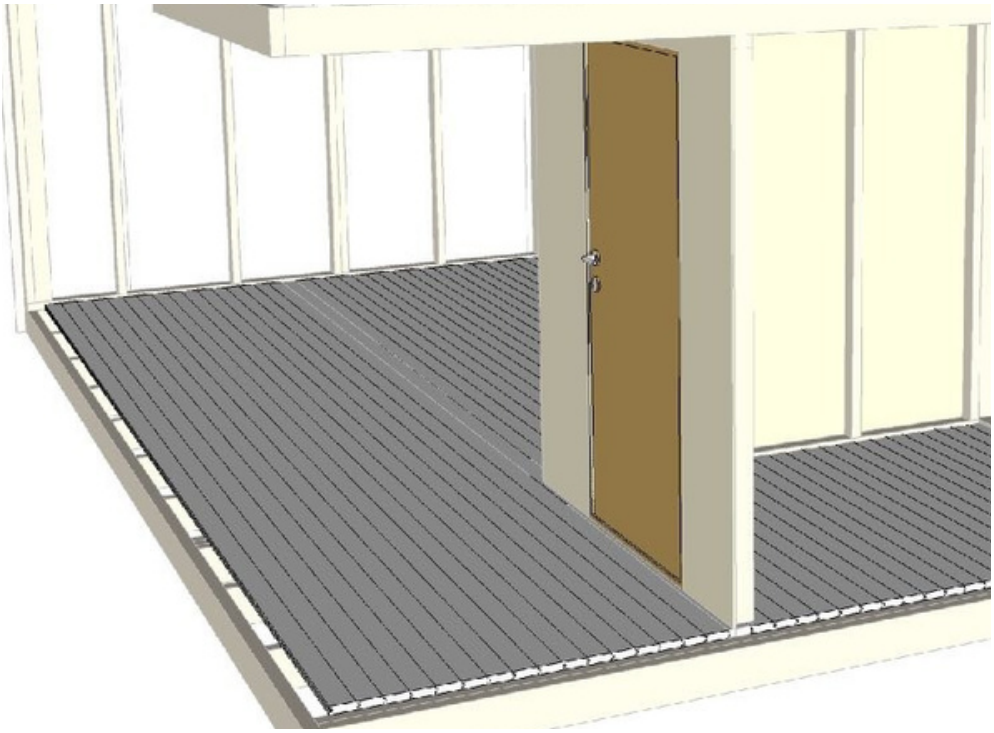
Material:

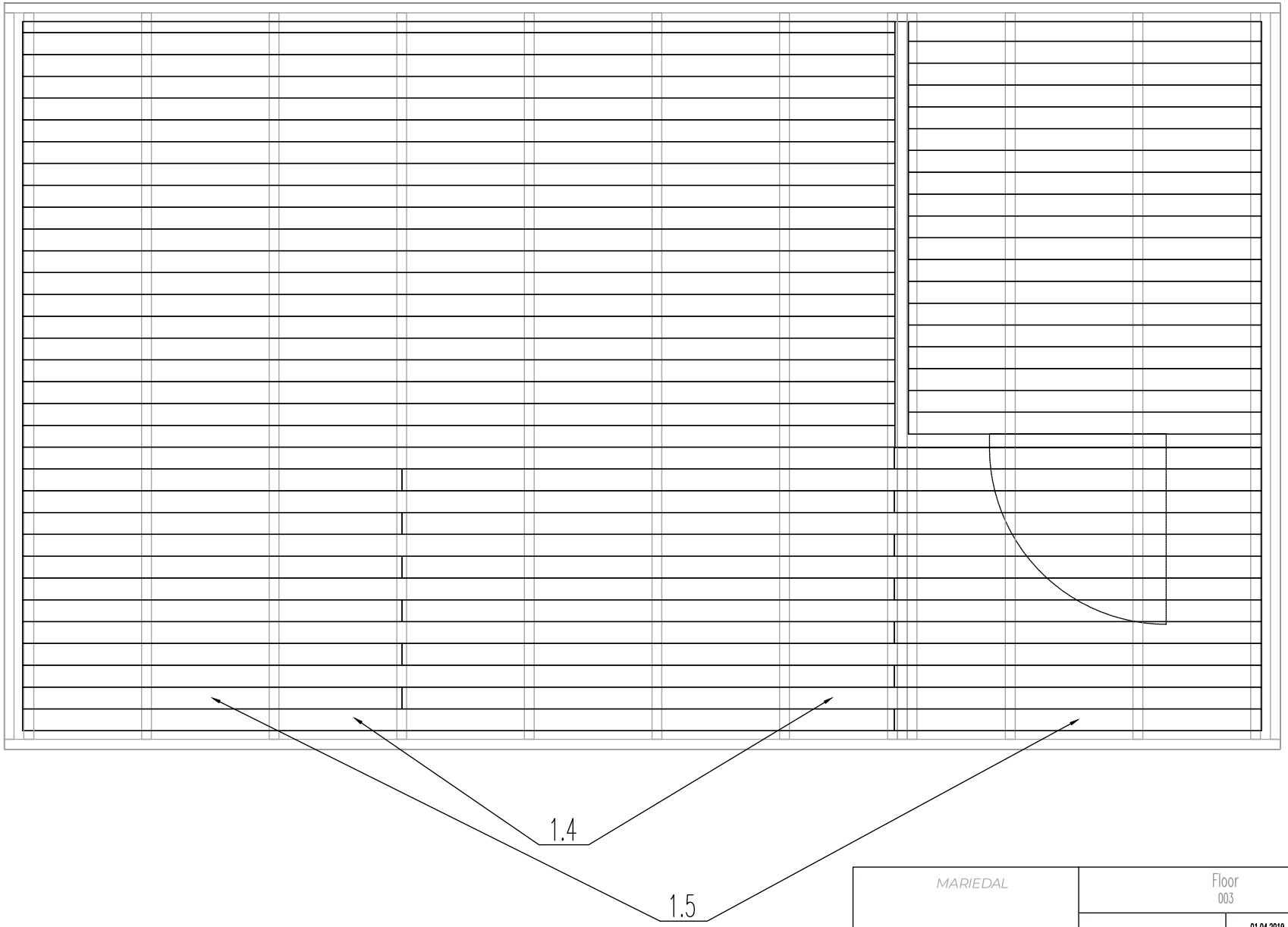
No.	Item	Quantity
1.4	Floorboards 4,5m (screws 4x45 included)	33
1.5	Floorboards 3,9m (screws 4x45 included)	18
D(I) 1	Wooden door, package	1

Steps

•Floor installation plan drawing 003. Floor boards will be cut to length on site! •Door installation manual, separately







MARIEDAL	Floor 003		
		01.04.2019	
	EP		
	Rein-Erik Jõe	56661911	

FINISHING TOUCHES

Material:

No.	Item	Quantity
D1, D2	Doors	3
W1, W2	W indows	2
5,5	Window drip edge (fittings)	set
5.1	Cladding + overhead boards	14
5.3	Corner finishing boards	8

Steps

•Doors and windows installation manual separately. •Finish, enjoy!



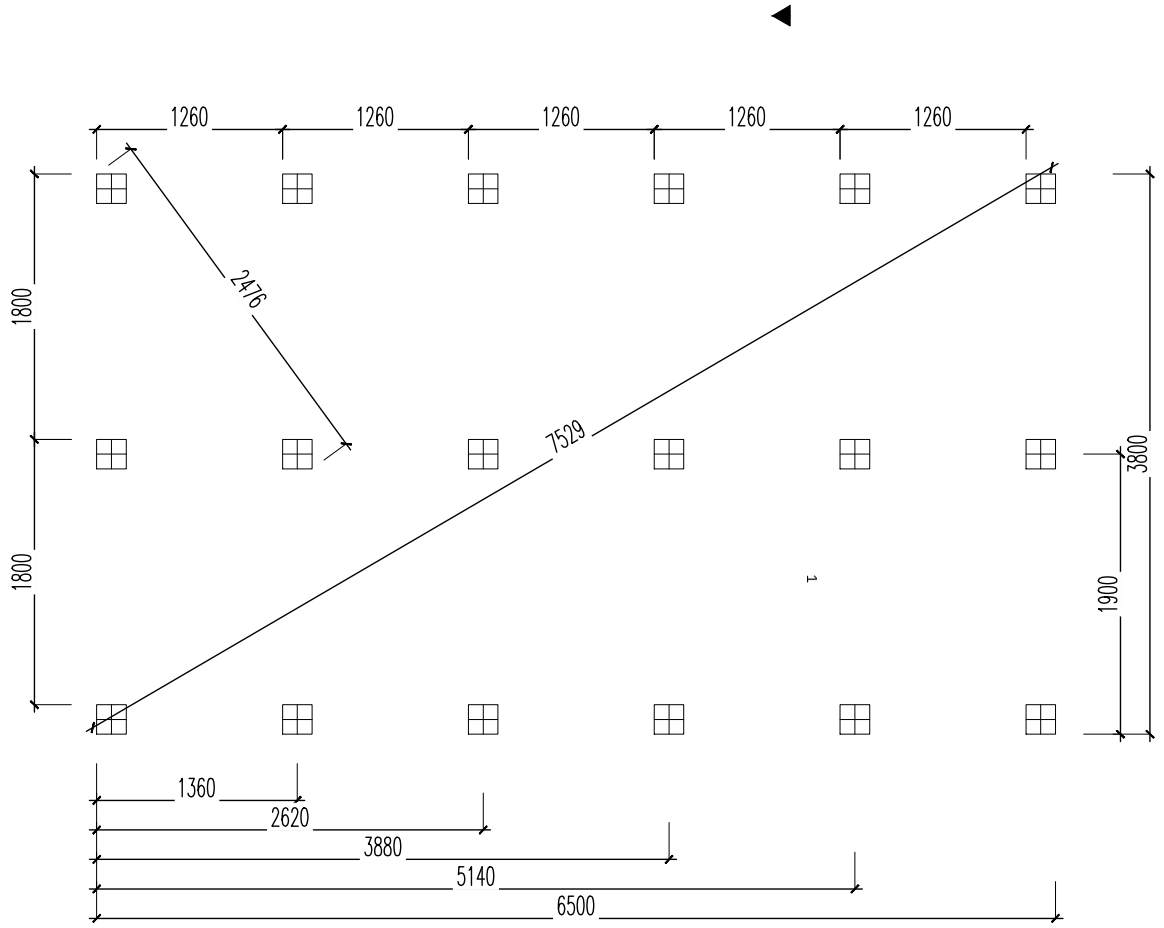






foundation

1:50



			A3 M1:50
		16.03.2019	
	EP		
	Rein-Erik Jõe	56661911	