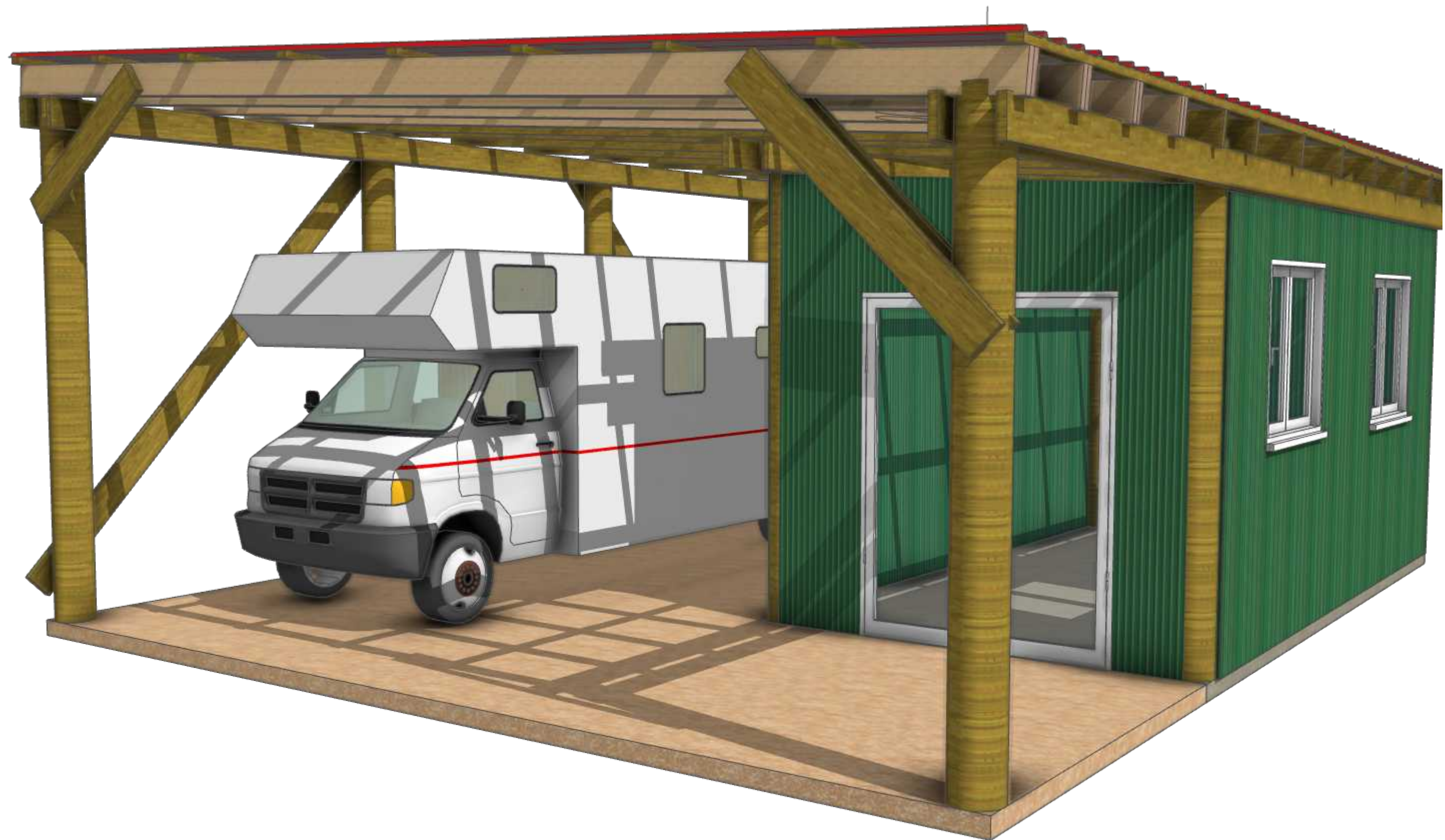
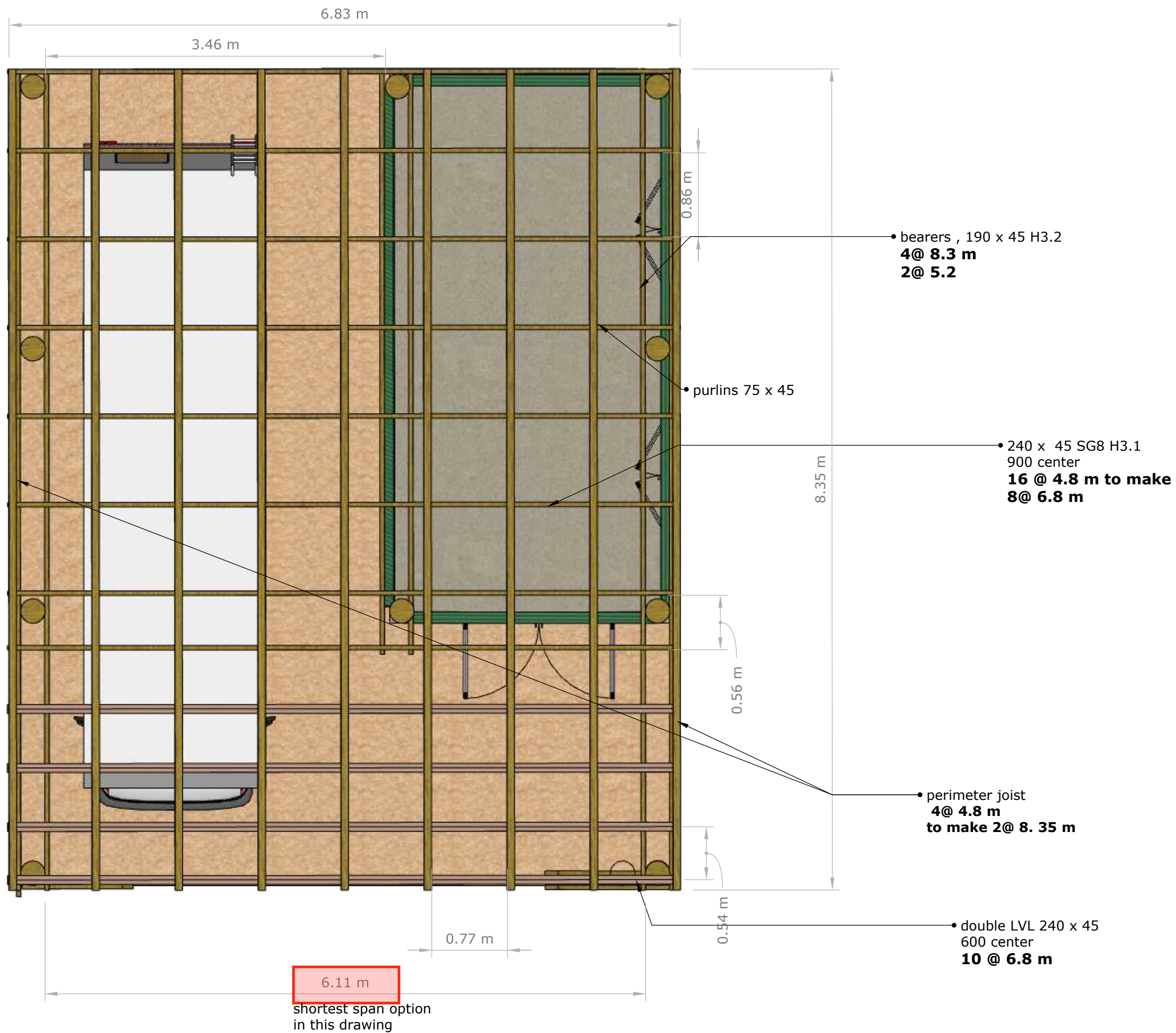


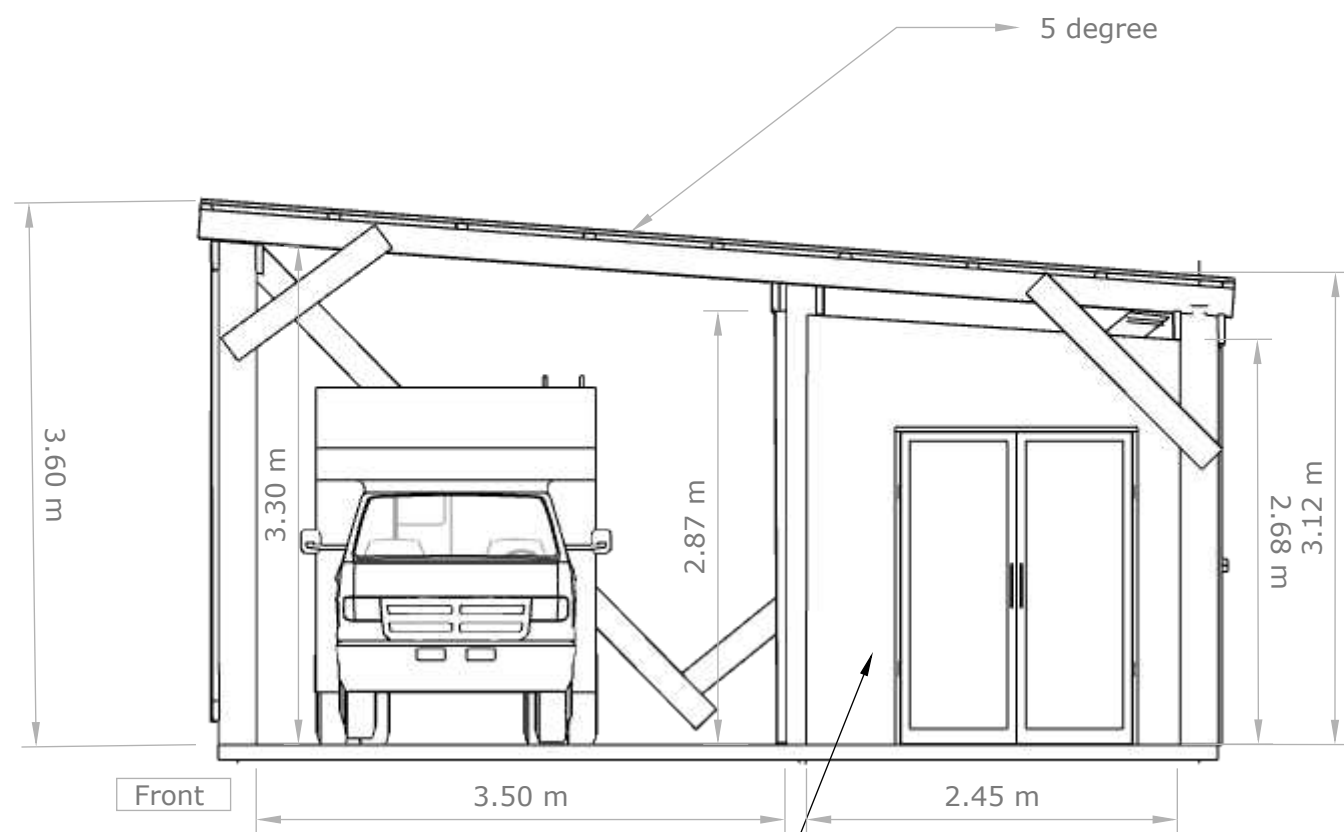


Sheet Number	Sheet Name
Sheet 01	Start
Sheet 02	visual 1
Sheet 03	visual 2
Sheet 04	roof construction
Sheet 05	Elevations CAD
Sheet 06	Floorplan CAD
Sheet 07	
Sheet 08	
Sheet 09	
Sheet 10	
Sheet 11	
Sheet 12	
Sheet 13	
Sheet 14	
Sheet 15	
Sheet 16	
Sheet 17	
Sheet 18	
Sheet 19	
Sheet 20	
Sheet 21	
Sheet 22	
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Sheet 24	
Sheet 25	
Sheet 26	
Sheet 27	
Sheet 28	
Sheet 29	
Sheet 30	



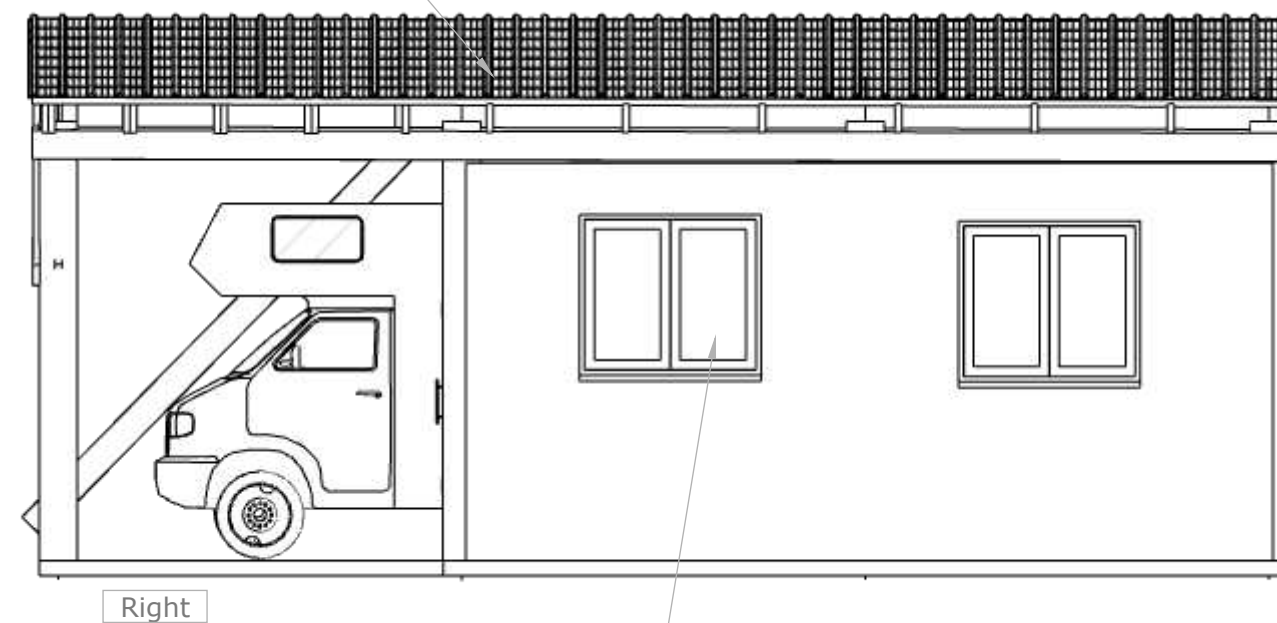




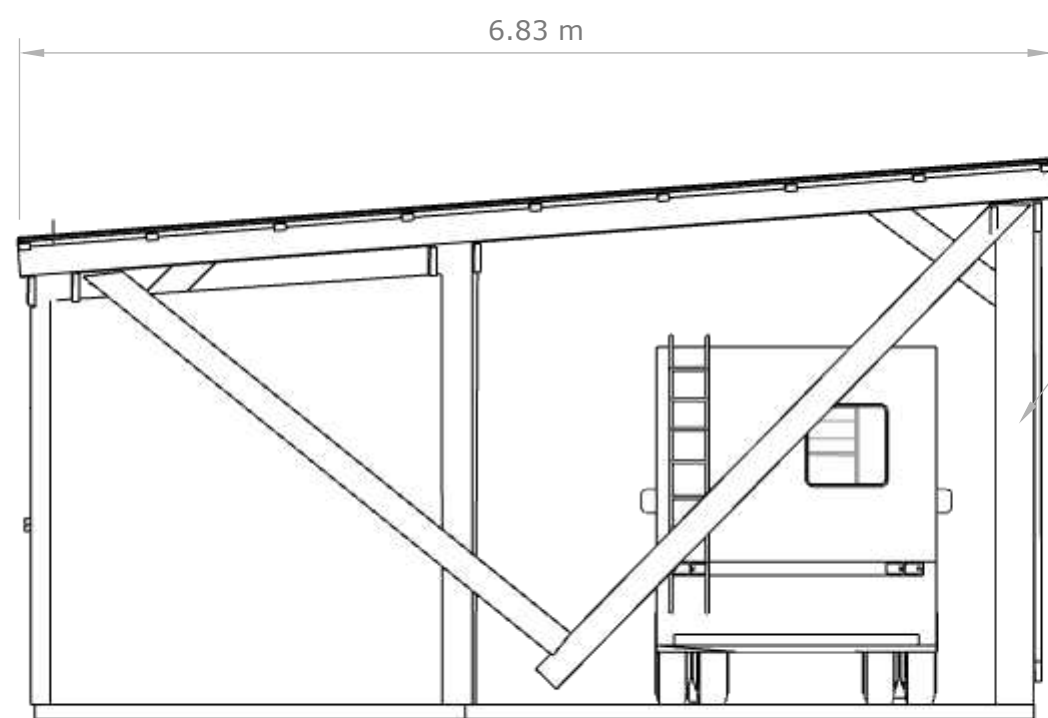


Simple Gate

5-rib iron

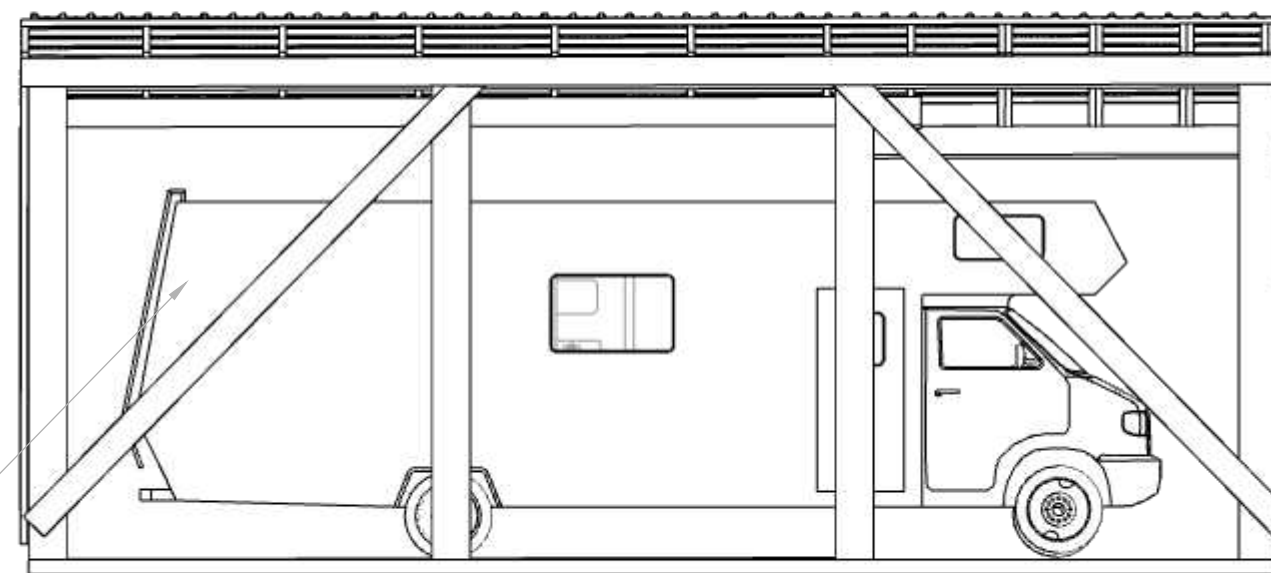


re-used indows and doors



Workspace with corrugated cladding

250 diamter ssd poles



Scale 1mm:50mm

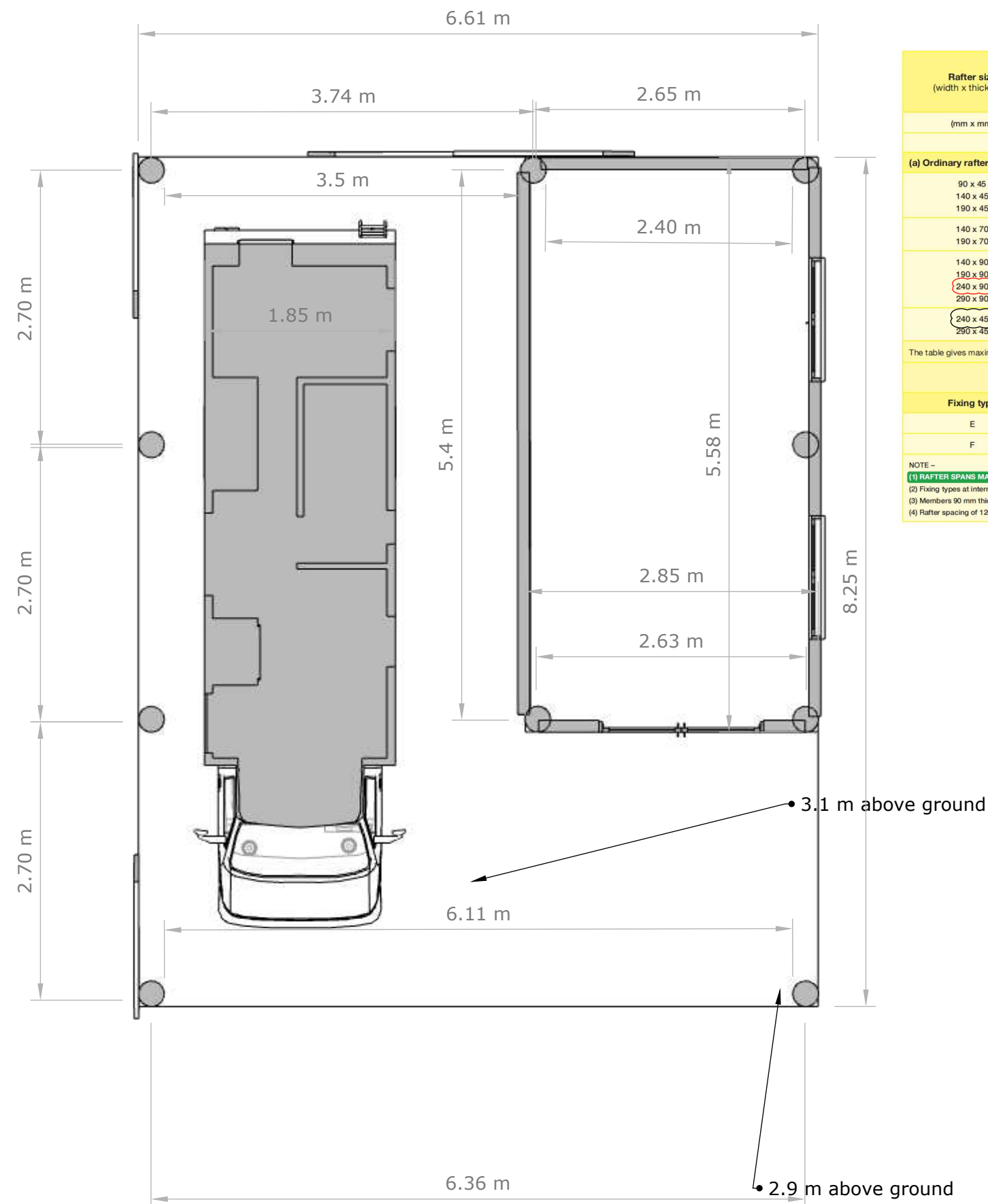


DesignWorx

Date Created: February 12, 2026
Date modified: September 3,

Elevations CAD

05/6



ROOF FRAMING - Rafters for all wind zones

Rafter size (width x thickness)	Rafter spacing (mm)															
	480				600				900				1200 (see Note (4))			
	Span		Fixing		Span		Fixing		Span		Fixing		Span		Fixing	
	(mm x mm)		type		(mm)		type		(mm)		type		(mm)		type	
	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10	SG 8	SG 10
(a) Ordinary rafters for light and heavy roofs																
90 x 45	1.3	1.8	E	E	1.3	1.7	E	E	1.2	1.5	E	E	1.3	1.7	E	E
140 x 45	2.7	3.0	E	E	2.5	2.8	E	E	2.2	2.5	E	E	2.2	2.5	E	E
190 x 45	3.5	4.0	E	E	3.3	3.7	E	E	2.8	3.2	E	E	2.5	2.9	E	E
140 x 70	3.2	3.5	E	E	2.9	3.3	E	E	2.6	2.9	E	E	2.8	3.1	E	E
190 x 70	4.3	4.8	E	E	4.0	4.5	E	E	3.5	3.9	E	E	3.7	4.2	E	F
140 x 90	3.4	3.8	E	E	3.2	3.6	E	E	2.8	3.1	E	E	3.0	3.4	E	E
190 x 90	4.7	5.2	E	E	4.3	4.9	E	E	3.8	4.2	E	E	4.1	4.6	F	F
240 x 90	5.9	6.6	E	E	5.5	6.1	E	E	4.8	5.4	E	F	5.1	5.6	F	F
290 x 90	7.2	7.9	E	E	6.7	7.4	E	E	5.8	6.5	F	F	5.9	6.4	F	SED
240 x 45	3.8	4.3	E	E	3.5	4.0	E	E	3.1	3.5	E	E	2.8	3.2	E	E
290 x 45	4.1	4.6	E	E	3.8	4.3	E	E	3.3	3.7	E	E	3.0	3.4	E	E
The table gives maximum spans for Extra high wind zone. In other wind zones, span lengths shall be multiplied by the following factors:																
Low and Medium: 1.3									High and Very high: 1.1							
Fixing type		Description										Alternative fixing capacity (kN)				
E		2 / 90 x 3.15 skew nails + 2 wire dogs										4.7				
F		2 / 90 x 3.15 skew nails + strap fixing										7.0				
NOTE –																
(1) RAFTER SPANS MAY BE INCREASED BY 10 % FOR RAFTERS CONTINUOUS OVER 2 OR MORE SPANS THAT HAVE NOT BEEN BIRDMOUTH JOINTED AT INTERMEDIATE SUPPORTS.																
(2) Fixing types at intermediate supports for rafters running continuously over those supports shall have double the capacity of the fixing types given in this table.																
(3) Members 90 mm thick may be substituted with built-up members sized and nailed in accordance with 2.4.4.7.																
(4) Rafter spacing of 1200 mm does not include heavy roofs.																

Scale 1mm:50mm