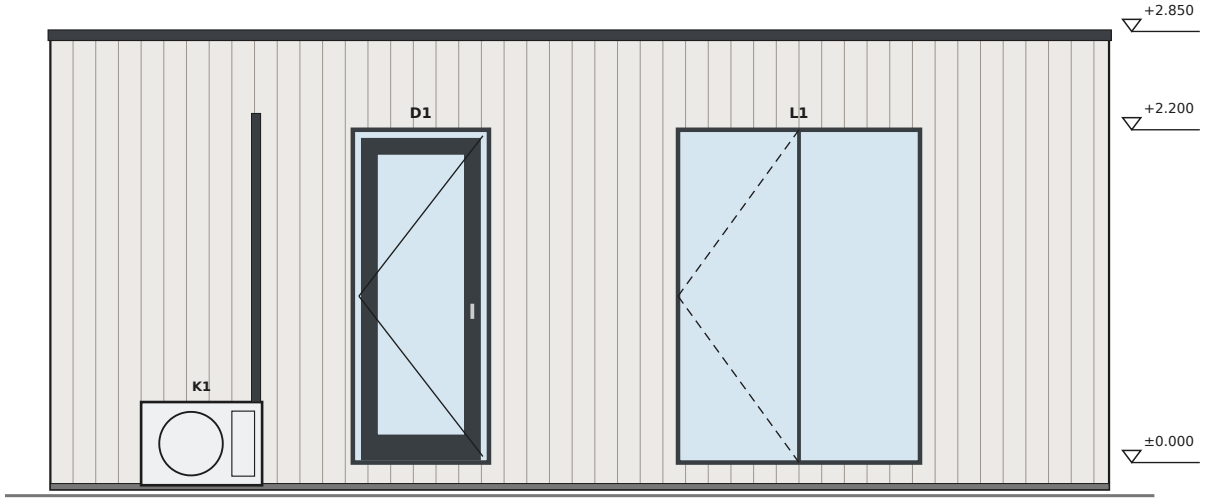
ELEVATIONS

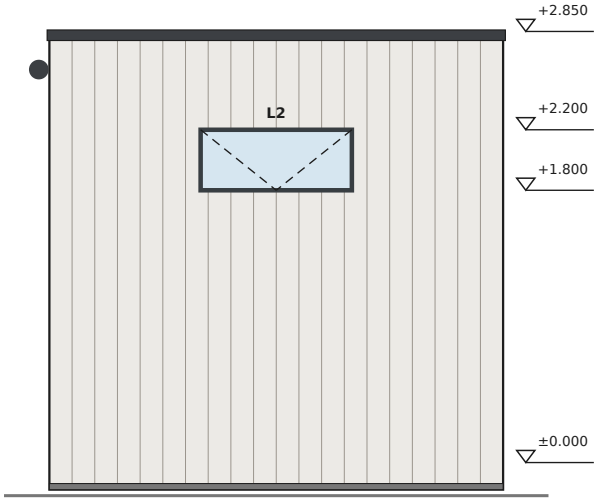
TIMBER FRAME CABIN 7.00 × 3.00 M

timber frame cabin – floor, walls and roof in timber frame

FRONT ELEVATION (A)



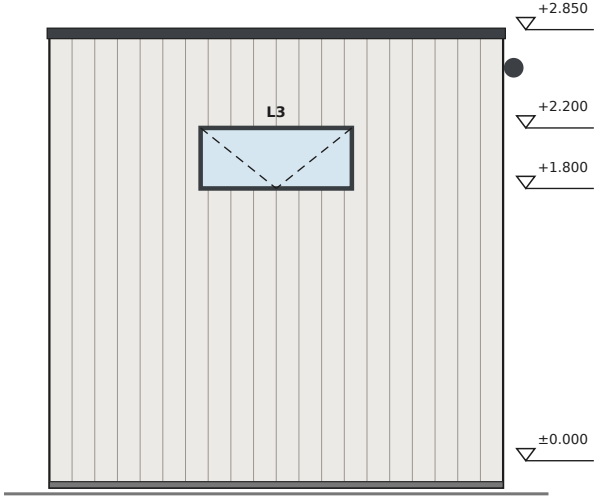
SIDE ELEVATION (1)



REAR ELEVATION (B)



SIDE ELEVATION (2)

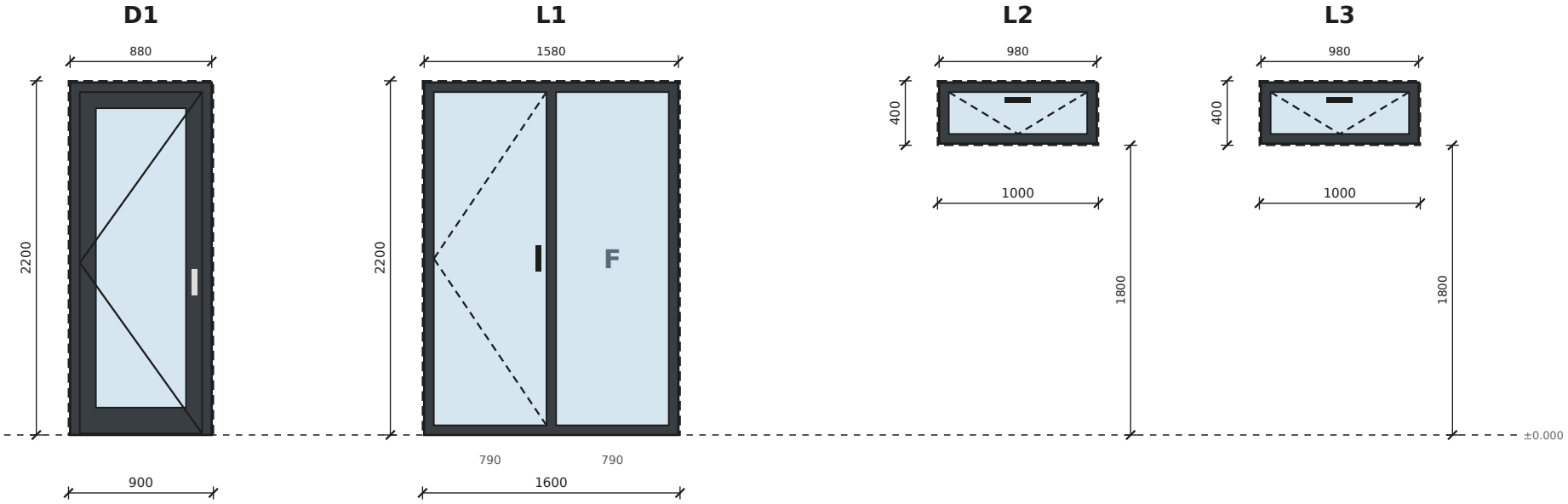


Cladding – composite boards (vertical, colour to be agreed) · windows, doors – PVC RAL 7016 · parapets – U-shaped flashing · at the bottom – ventilation profile · at the back – drip flashing, gutter, 1 downpipe

Opening (viewed from outside): solid line – opens outwards, dashed – inwards; apex – hinge side

WINDOWS AND DOORS

Windows and doors – view from OUTSIDE, opening and order sizes (1:40)



Dashed outline – opening in the frame; dark – frame (order size); F – fixed part. Solid triangle – opens outwards, dashed – inwards; apex – hinge side.

WINDOW AND DOOR SCHEDULE (mm)

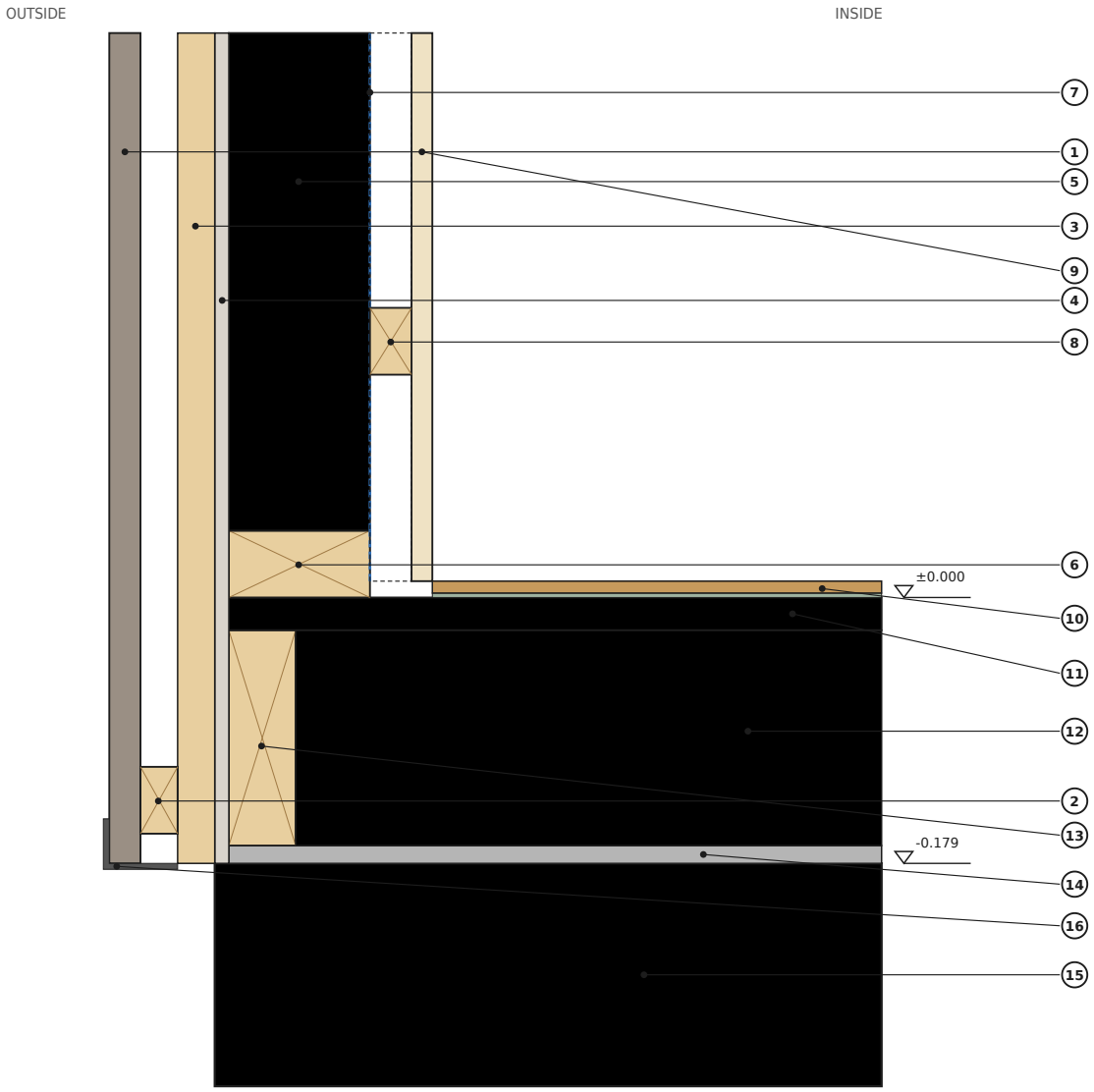
Mark	Qty	Opening W × H	Frame W × H	Bottom	Parts	Type / opening	Location
D1	1	900 × 2200	880 × 2190	±0	1	External door PVC, glazed (triple glazing), opens OUTWARDS, hinges left / handle right (viewed from outside)	Front wall A
L1	1	1600 × 2200	1580 × 2190	±0	2	Glazed unit, 2 parts: left opens INWARDS, right fixed	Front wall A
L2	1	1000 × 400	980 × 380	+1800	1	Bottom-hung, opens INWARDS (hinges at bottom), 1 part	Side wall 1
L3	1	1000 × 400	980 × 380	+1800	1	Bottom-hung, opens INWARDS (hinges at bottom), 1 part	Side wall 2

Opening – opening in the 45×95 wall frame (double studs at the sides, lintel at the top). Frame (order) size = opening − 10 mm on each side and at the top (L2, L3 – also at the bottom) – gap for fitting foam and tapes.

All units – PVC, RAL 7016 (anthracite) outside, white inside, triple glazing.

DETAIL A

Detail A – wall, floor, foundation (1:5)

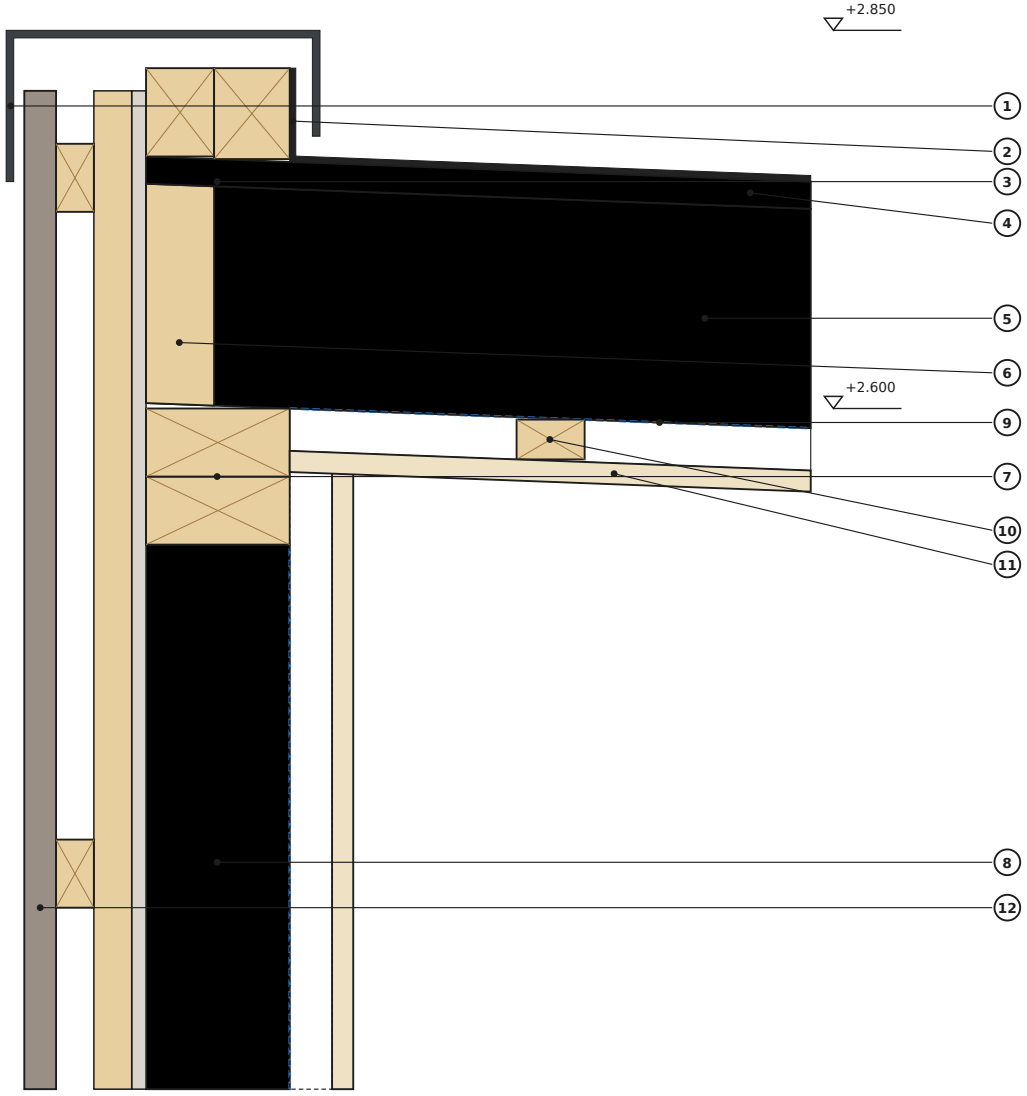


1. composite cladding board, vertical
2. battens 25×45 horizontal at 600 (ventilated cavity)
3. battens 25×45 vertical at 600
4. sheathing gypsum board 9.5
5. frame 45×95 at 600 + mineral wool 95
6. sole plate 45×95
7. vapour control membrane (sealed)
8. internal battens 28×45 at 600
9. internal boards
10. laminate 8 + underlay 3
11. OSB 22 TG4
12. XPS 145 between floor joists 45×145 at 600
13. perimeter floor joist 45×145
14. cement board (base)
15. raft foundation (concrete slab)
16. ventilation profile (rodent protection)

Foundation edge – flush with the outside of the sheathing board; facade layers (71 mm) overhang.

DETAIL B

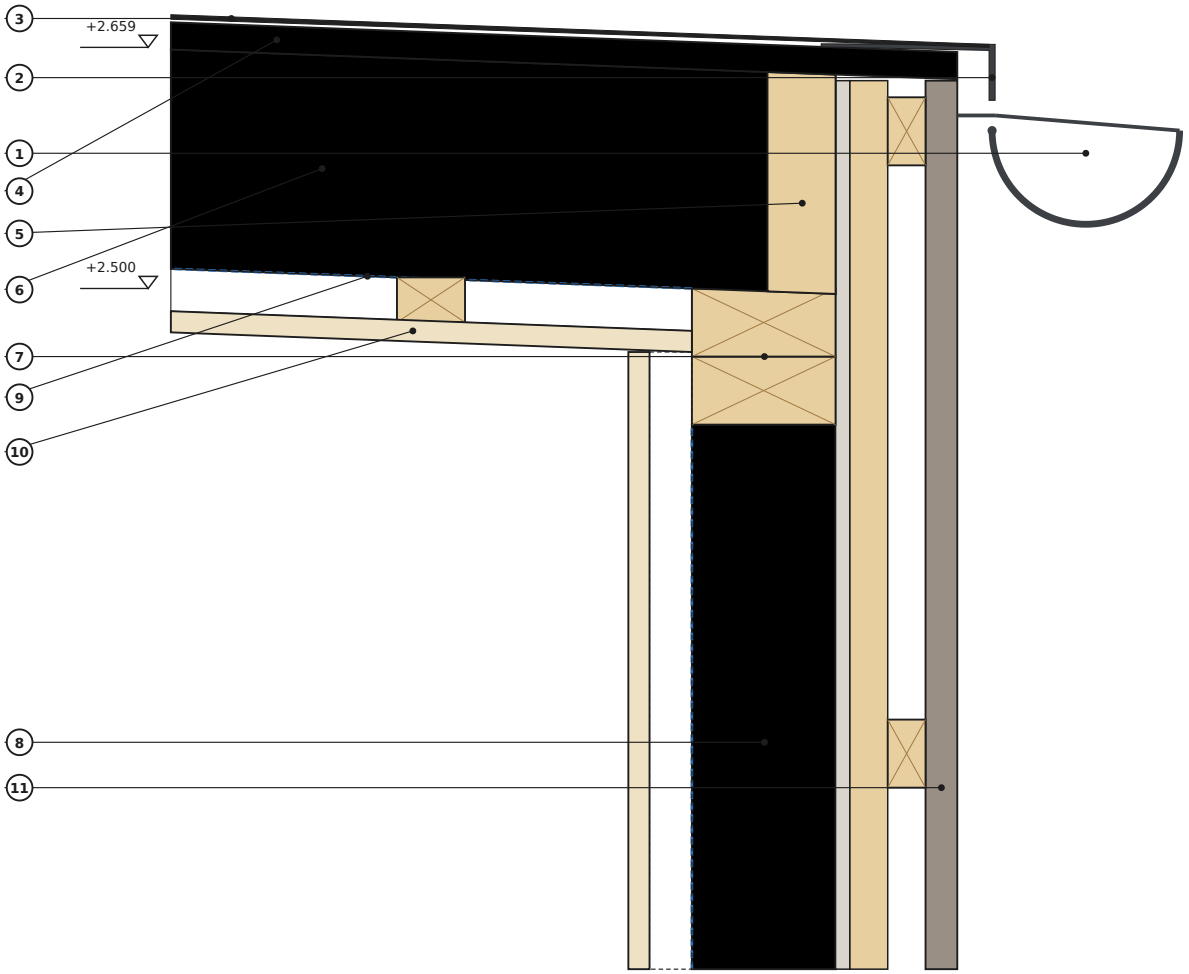
Detail B – wall, roof, parapet (front A, 1:5)



1. U-shaped flashing – parapet capping
2. EPDM membrane, turned up over the parapet
3. parapet frame 2 × 45×95
4. OSB 18
5. rafters 45×145 at 600 + mineral wool 145, fall ~2°
6. edge rafter 45×145
7. top plates 2 × 45×95
8. frame 45×95 + mineral wool 95
9. vapour control membrane (ceiling and walls)
10. ceiling battens 28×45 at 600
11. internal boards (ceiling and walls)
12. composite board, battens 2×25×45, sheathing board – as in detail A

DETAIL C

Detail C – wall, roof, drip flashing (rear B, 1:5)



1. half-round gutter with brackets (1 downpipe)
2. drip flashing (folded sheet) under EPDM
3. EPDM membrane
4. OSB 18
5. edge (rear) rafter 45×145
6. rafters 45×145 at 600 + mineral wool 145
7. top plates 2 × 45×95
8. frame 45×95 + mineral wool 95
9. vapour control membrane
10. ceiling: battens 28×45 + internal boards
11. composite board, battens 2×25×45, sheathing board – as in detail A

FACADE SOLUTIONS AND QUANTITIES

FACADE SOLUTION – VENTILATED FACADE

Facade – composite boards fixed vertically on a double batten frame. A ventilated cavity is left between the boards and the windproof layer: air enters at the bottom through the ventilation profile and leaves at the top, so the wall structure dries out.

1. Composite cladding board, vertical
2. Battens 25×45 horizontal at 600 (ventilated cavity)
3. Battens 25×45 vertical at 600
4. Sheathing gypsum board 9.5
5. Frame 45×95 at 600 + mineral wool 95
6. Ventilation profile at the bottom (rodent protection)

Layers – as in detail A (sheet 3). The facade layers overhang the foundation edge by 71 mm.

FACADE AREAS

ELEVATION	WIDTH × HEIGHT	GROSS, m²	OPENINGS, m²	NET, m²
A – front	7.00 × 3.029	21.20	5.50	**15.70**
B – rear	7.00 × 2.844	19.91	0.00	**19.91**
1 – side	3.00 × 3.029	9.09	0.40	**8.69**
2 – side	3.00 × 3.029	9.09	0.40	**8.69**
Total		**59.28**	**6.30**	**52.98**

Height – from the bottom of the boards (−0.179) to the top of the parapet or drip flashing (per elevations, sheet 1).

FACADE MATERIAL QUANTITIES

NO.	ITEM	QTY	UNIT	NOTE
01	Composite cladding boards	**~53**	m²	net area, + waste
02	Battens 25×45 vertical at 600	**~113**	m	+ at openings
03	Battens 25×45 horizontal at 600	**~120**	m	ventilated cavity
04	Sheathing gypsum board 9.5	**~53**	m²	+ waste
05	Ventilation profile	**~20**	m	perimeter
06	U-shaped flashing for parapets	**~13**	m	front and sides
07	Drip flashing	**~7**	m	rear elevation B
08	Half-round gutter with brackets	**~7**	m	rear elevation B
09	Downpipe	**1**	pcs	
10	Windows and doors PVC, RAL 7016	**4**	pcs	D1, L1, L2, L3 – sheet 2

Approximate quantities from the elevation and detail drawings, without allowance. Fixings, trims and corner profiles – according to the chosen cladding system.

OTHER FACADE TYPES WE DRAW

- Ventilated: timber or composite boards, fibre cement and HPL panels, metal sheet.
- Insulated render: EPS or mineral wool, reinforcement, decorative render.
- Mineral and mixed: brick slips, slate, combinations of materials.

