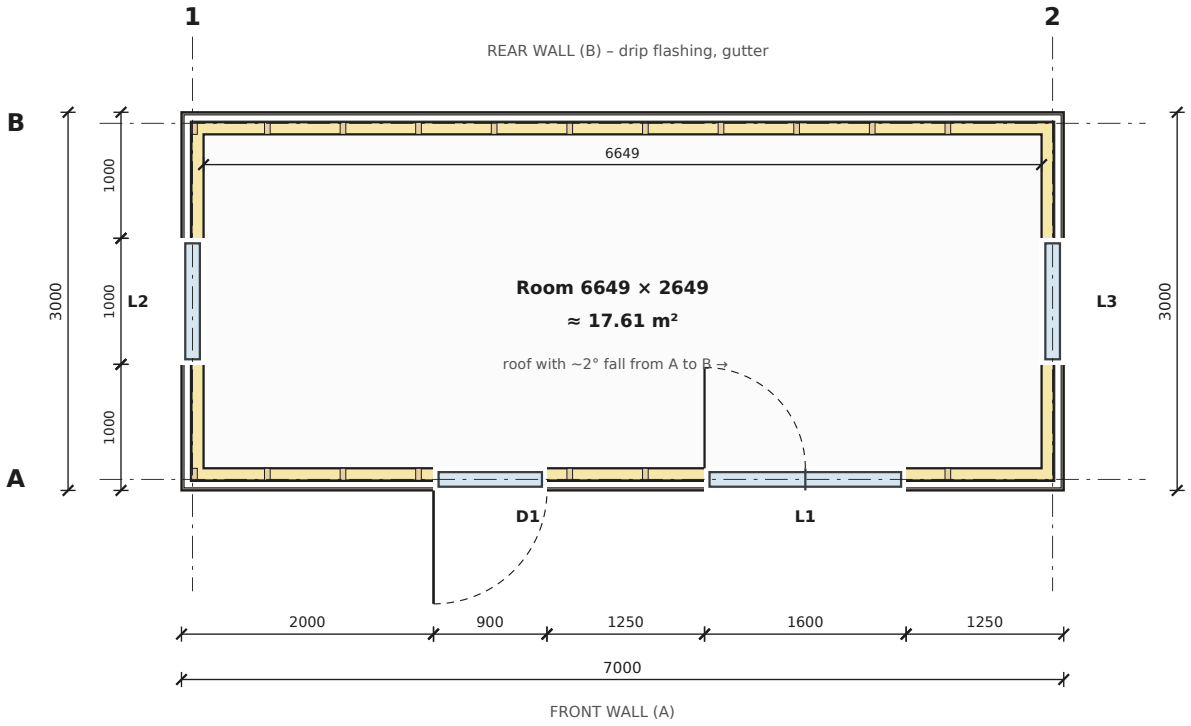
PLAN AND FOUNDATION

TIMBER FRAME CABIN 7.00 × 3.00 M

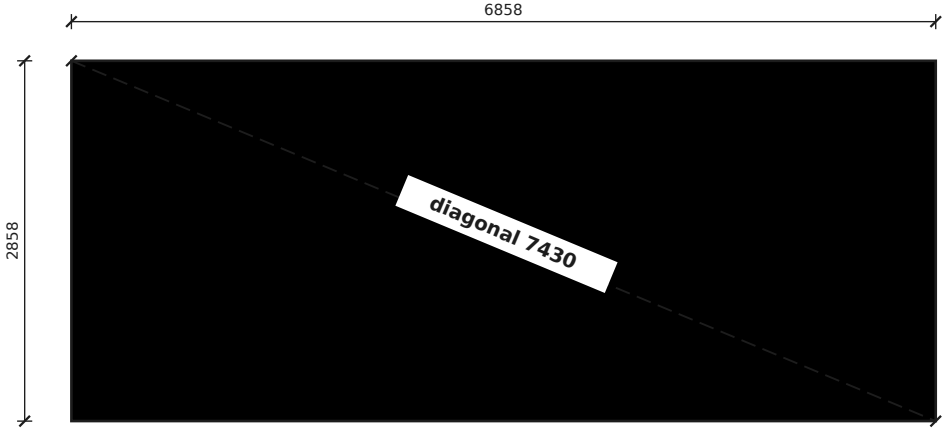
timber frame cabin – floor, walls and roof in timber frame





Visualisation

RAFT FOUNDATION (concrete slab) – 1:60



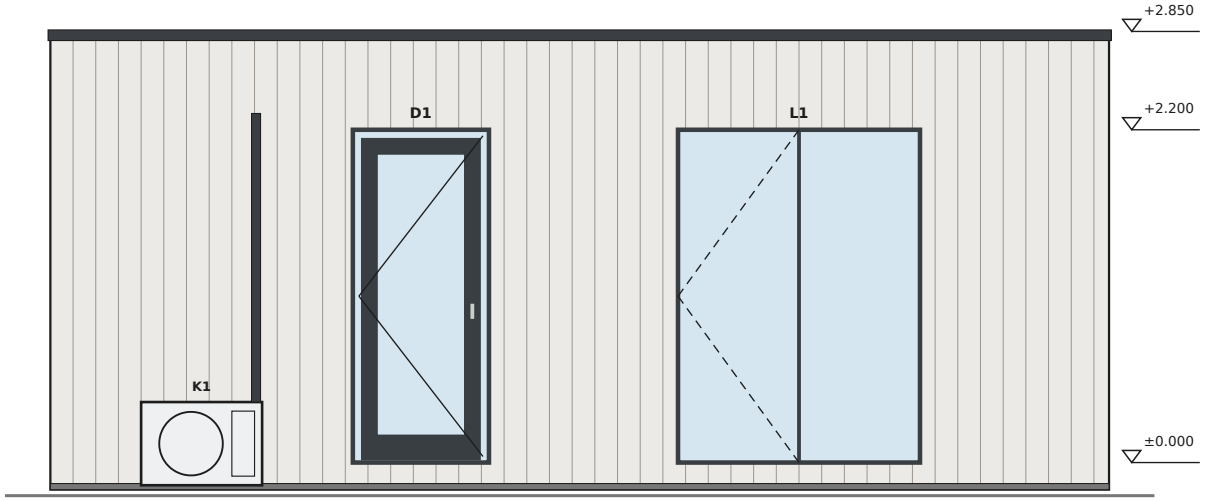
Concrete slab 6858 × 2858 mm (≈ 19.60 m²)

ELEVATIONS

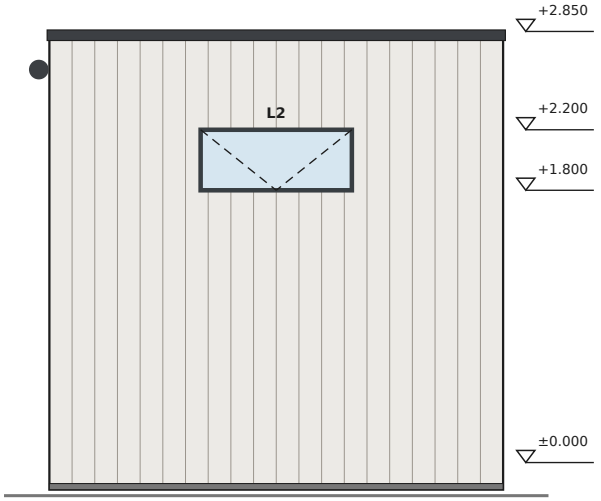
TIMBER FRAME CABIN 7.00 × 3.00 M

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

FRONT ELEVATION (A)



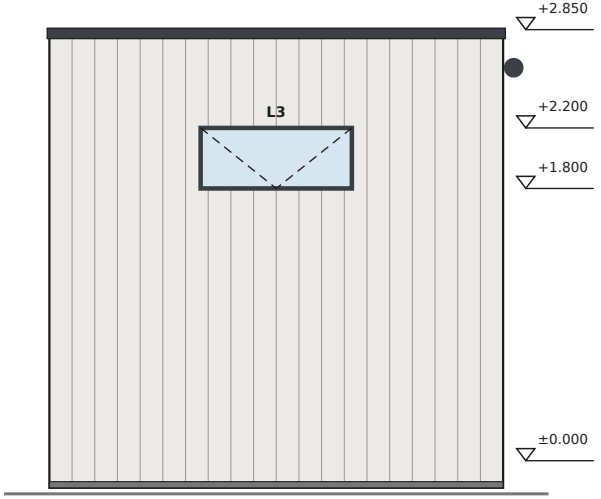
SIDE ELEVATION (1)



REAR ELEVATION (B)



SIDE ELEVATION (2)

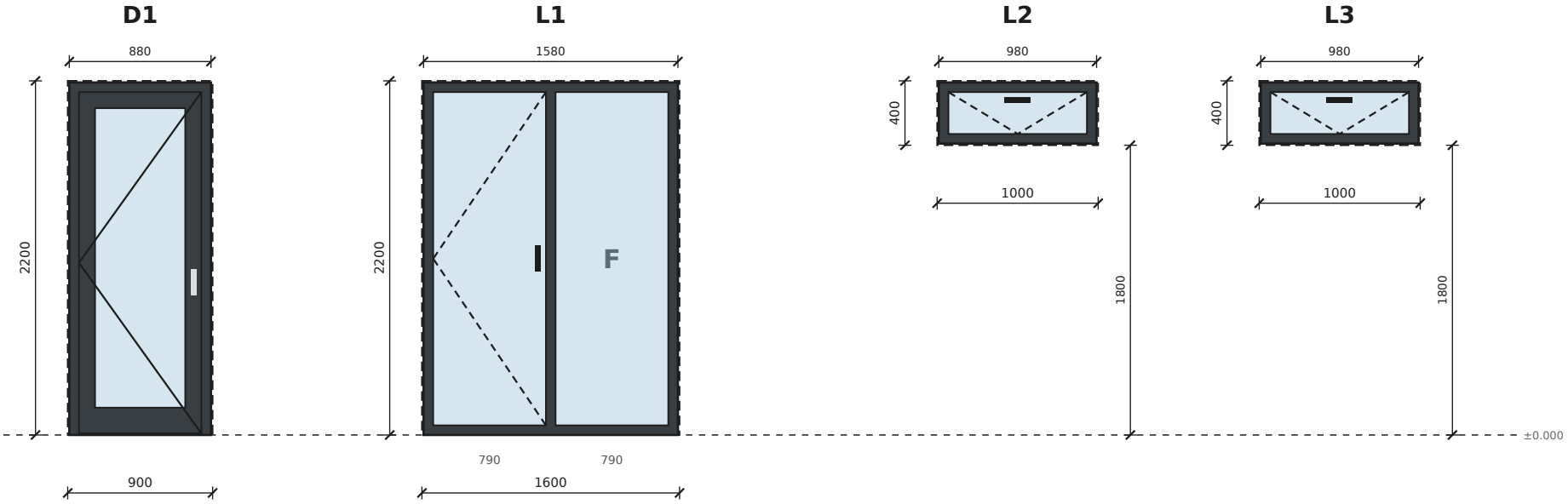


Cladding – composite boards (vertical, colour to be agreed) · windows, doors – PVC RAL 7016 · parapets – U-shaped flashing · at the bottom – ventilation profile · at the back – drip flashing, gutter, 1 downpipe

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

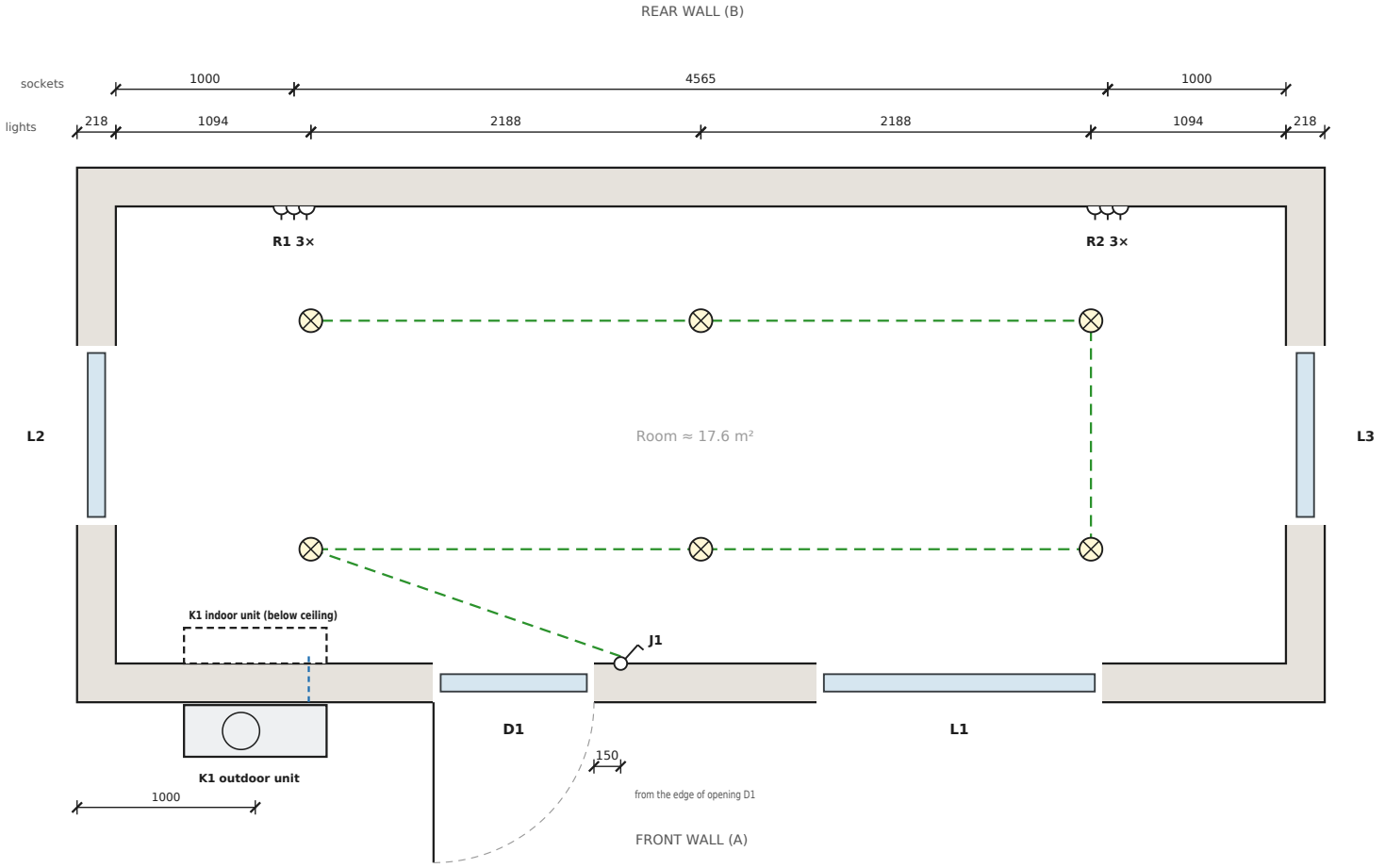
Opening – opening in the 45×95 wall frame (double studs at the sides, lintel at the top). Frame (order) size = opening − 10 mm on each side and at the top (L2, L3 – also at the bottom) – gap for fitting foam and tapes.

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

ELECTRICAL PLAN

TIMBER FRAME CABIN 7.00 × 3.00 M

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



LEGEND

- earthed socket 230 V
- switch, 1 gang
- LED ceiling light, round
- switched circuit
- air conditioner K1 (air-to-air)

642 · 1282 · 642

QUANTITIES

R1, R2	2 blocks (6 pcs)	+0.30
triple socket block, rear wall B		
J1	1 pc	+1.10
switch by the entrance door D1		
Š1–Š6	6 pcs	ceiling
round LED ceiling light		
K1	1 set	below ceiling
air-to-air air conditioner, separate circuit		

Heights – to the box centre from the finished floor.

All 6 lights are switched by one switch J1.

Boxes are fitted in the internal battens (battens 28×45) before the internal boards are fixed; cables – without damaging the vapour control layer.

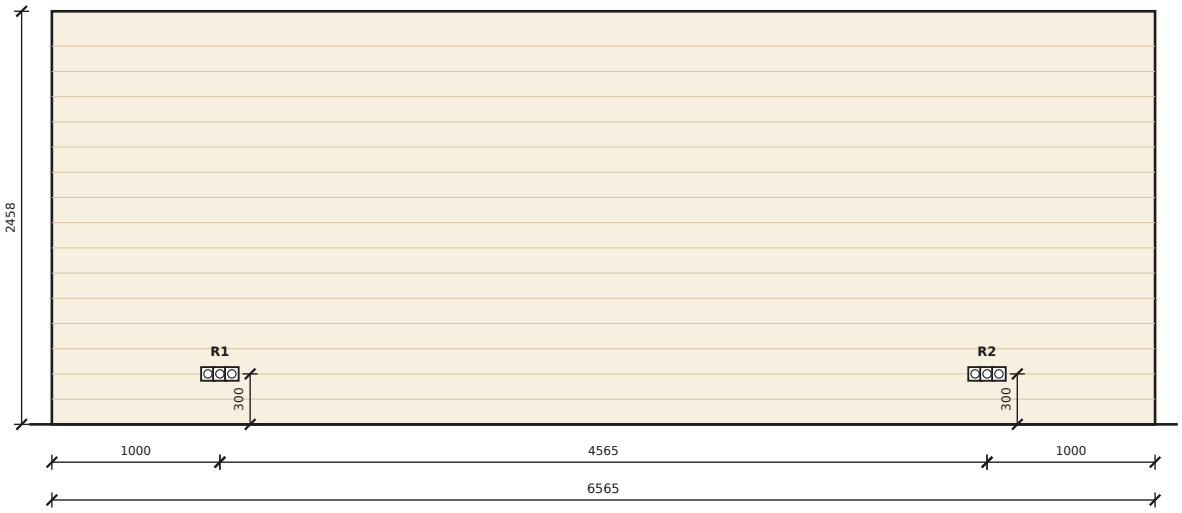
Layout on the walls – sheet "INTERNAL ELEVATIONS".

K1: indoor unit below the ceiling on the front wall, outdoor unit – outside to the left of door D1; pipes through the wall, outside – in an anthracite duct. Power – separate circuit.

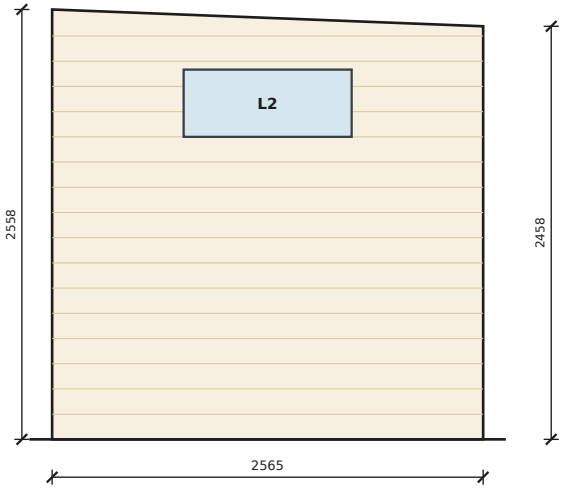
INTERNAL ELEVATIONS

Internal wall elevations – view from INSIDE, socket and switch positions (1:45)

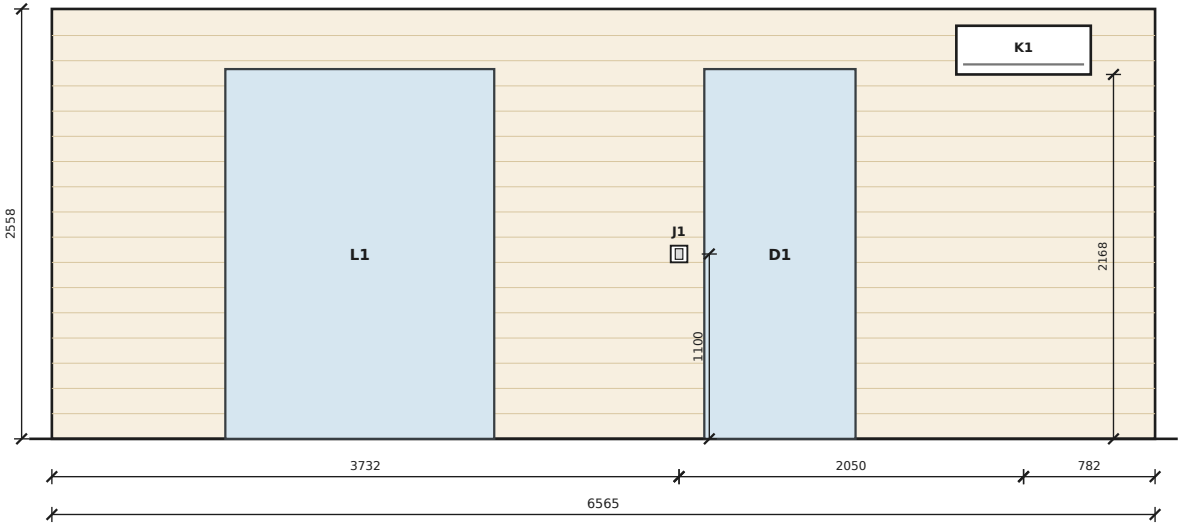
REAR WALL (B) – from inside



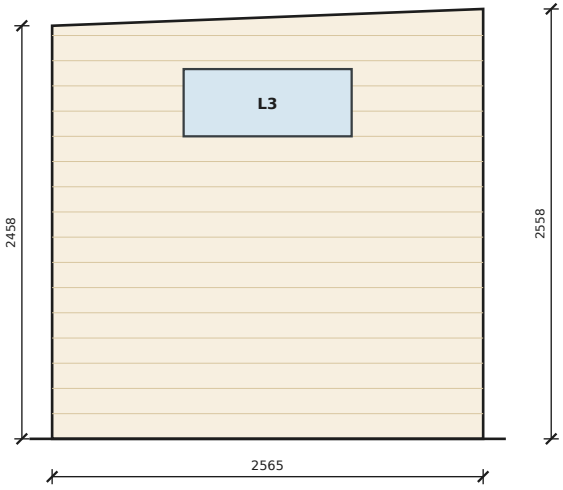
SIDE WALL (1) – from inside



FRONT WALL (A) – from inside

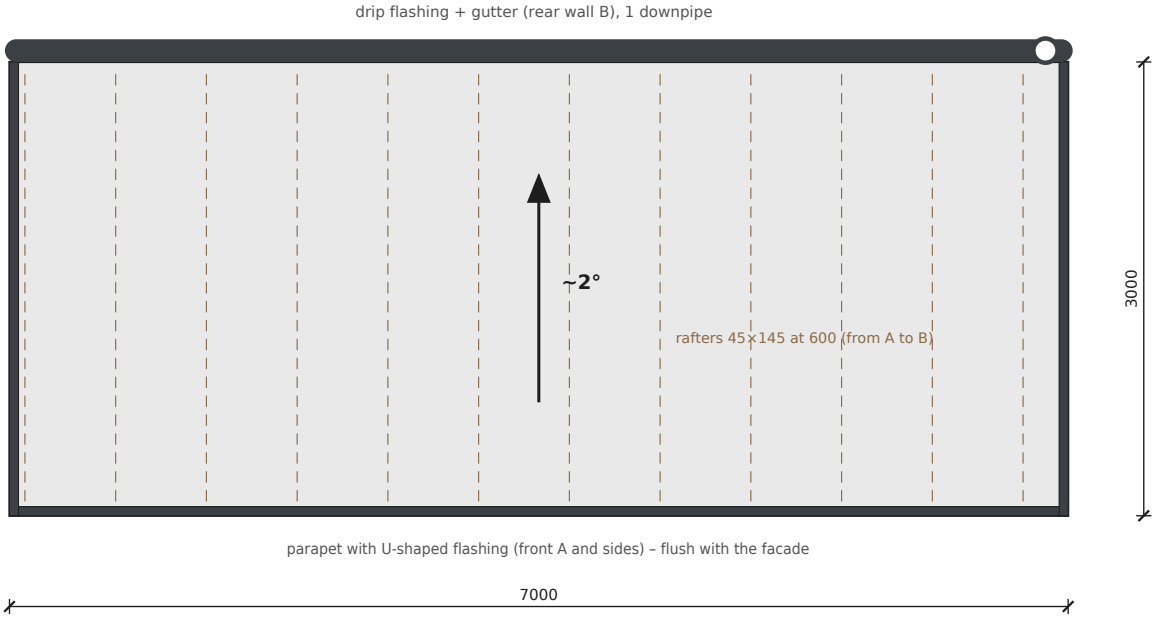


SIDE WALL (2) – from inside



Heights from the finished floor to the box centre; distances from the internal corner to the box (block) centre. Sloping ceiling: at A ≈ 2558, at B ≈ 2458.

ROOF PLAN



Roof build-up (from top):

– EPDM membrane (bonded)

– OSB 18 mm

– rafters 45×145 at 600,

mineral wool between them

– vapour control layer + internal ceiling

Fall ~2.2° from A (front) to B:

rafter soffit A +2.600, B +2.500

Top of parapet +2.850

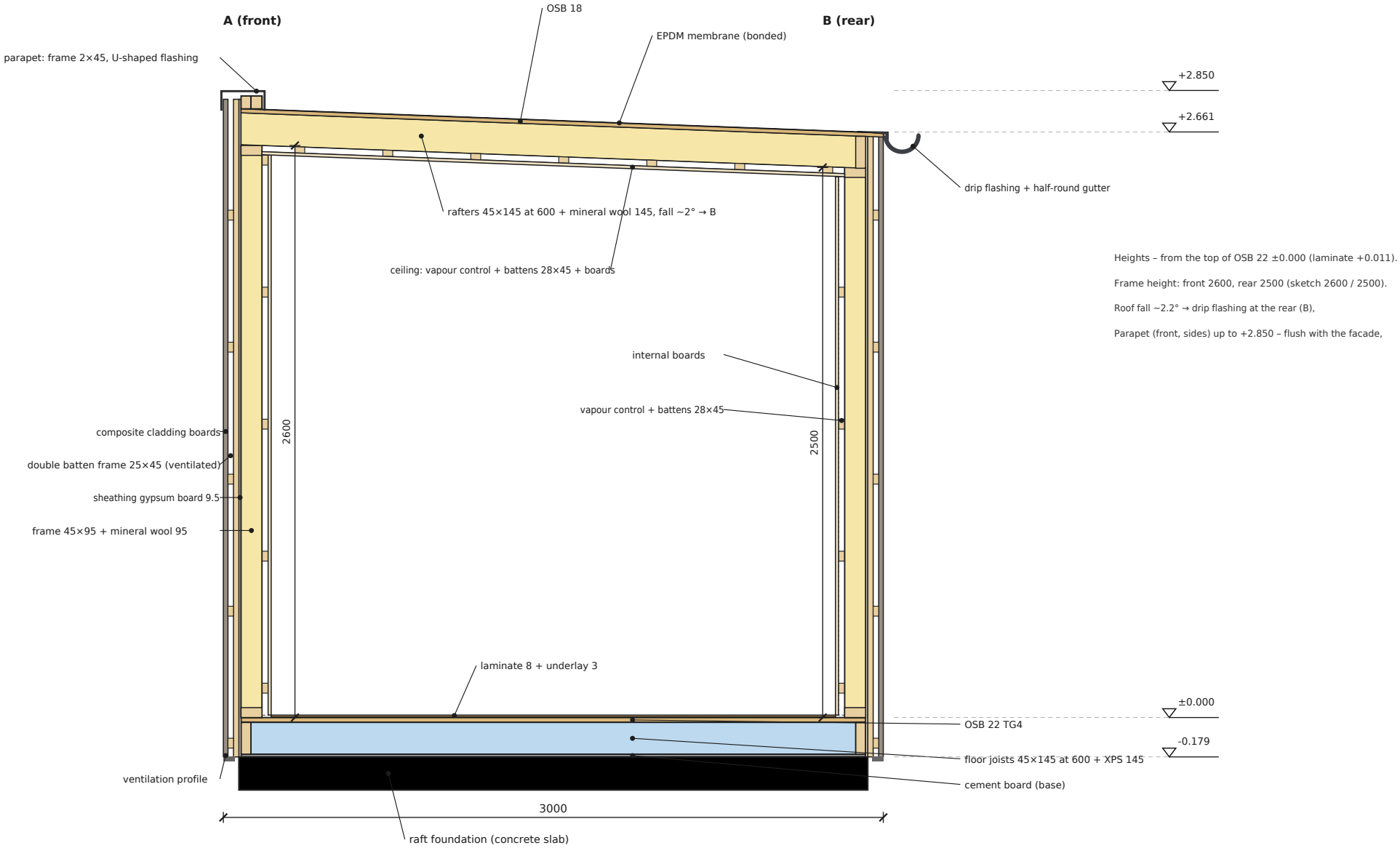
Parapets – timber frame,

flush with the facade, U-shaped flashing.

SECTION A-A

TIMBER FRAME CABIN 7.00 × 3.00 M

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



Heights – from the top of OSB 22 ±0.000 (laminate +0.011).

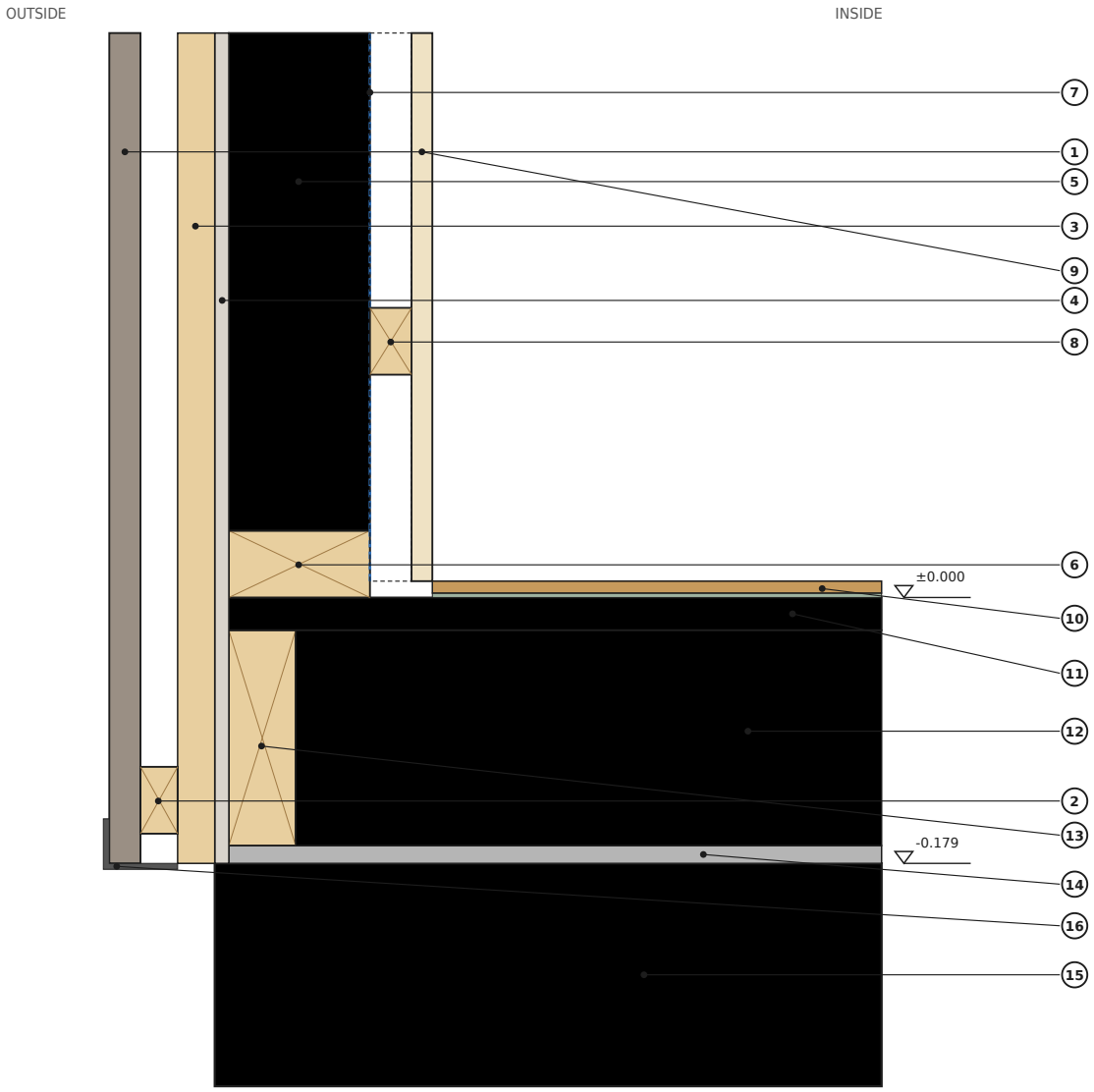
Frame height: front 2600, rear 2500 (sketch 2600 / 2500).

Roof fall ~2.2° → drip flashing at the rear (B),

Parapet (front, sides) up to +2.850 – flush with the facade,

DETAIL A

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

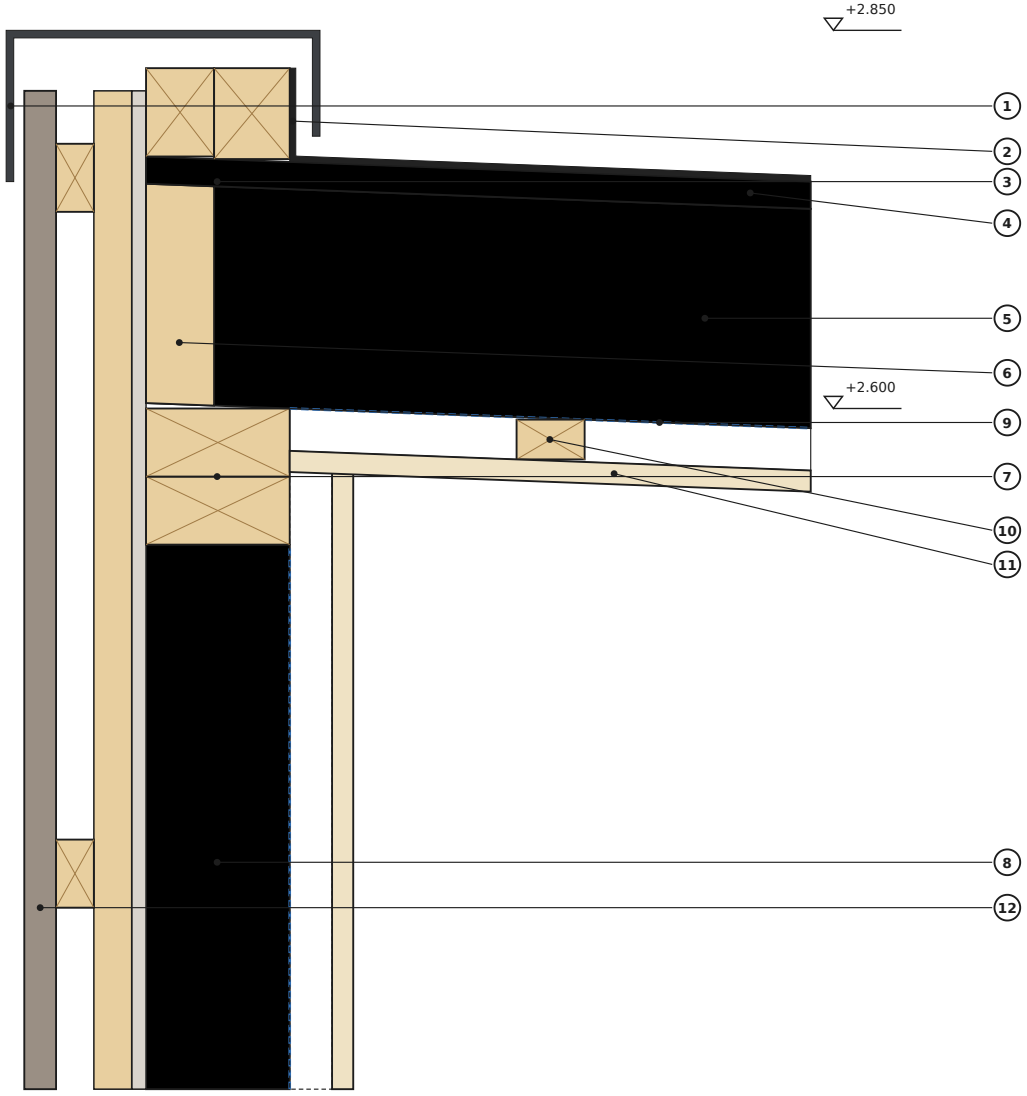


1. composite cladding board, vertical
2. battens 25×45 horizontal at 600 (ventilated cavity)
3. battens 25×45 vertical at 600
4. sheathing gypsum board 9.5
5. frame 45×95 at 600 + mineral wool 95
6. sole plate 45×95
7. vapour control membrane (sealed)
8. internal battens 28×45 at 600
9. internal boards
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

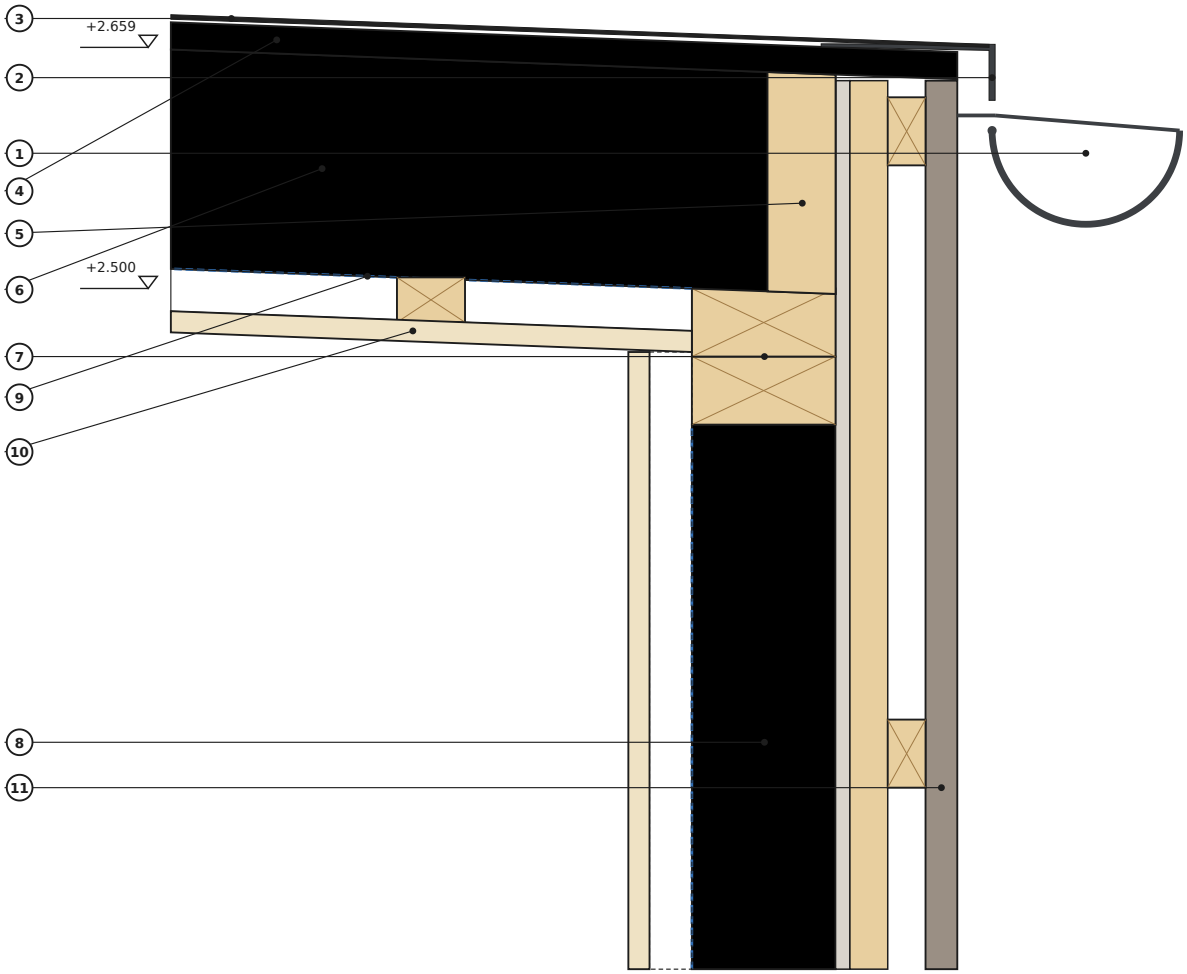
Detail B – wall, roof, parapet (front A, 1:5)



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