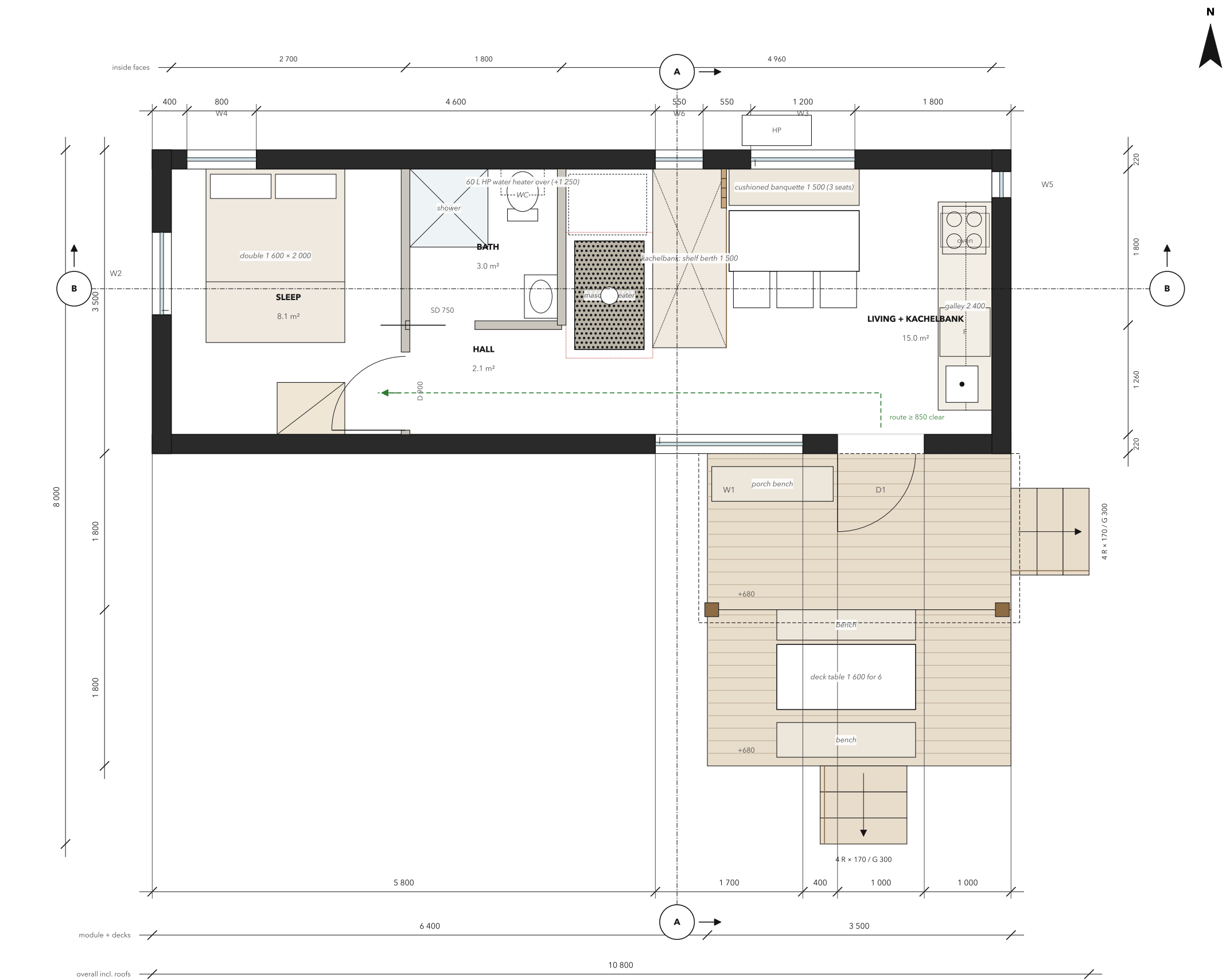
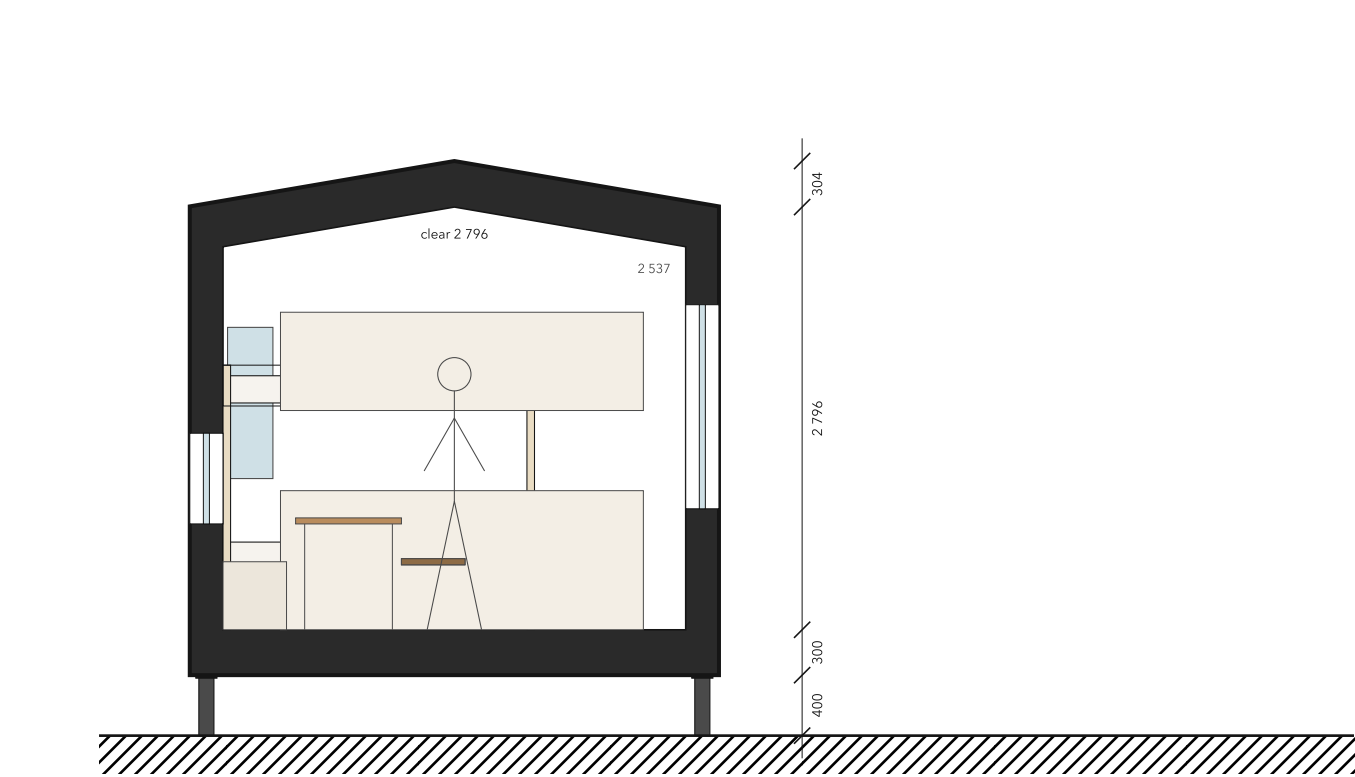


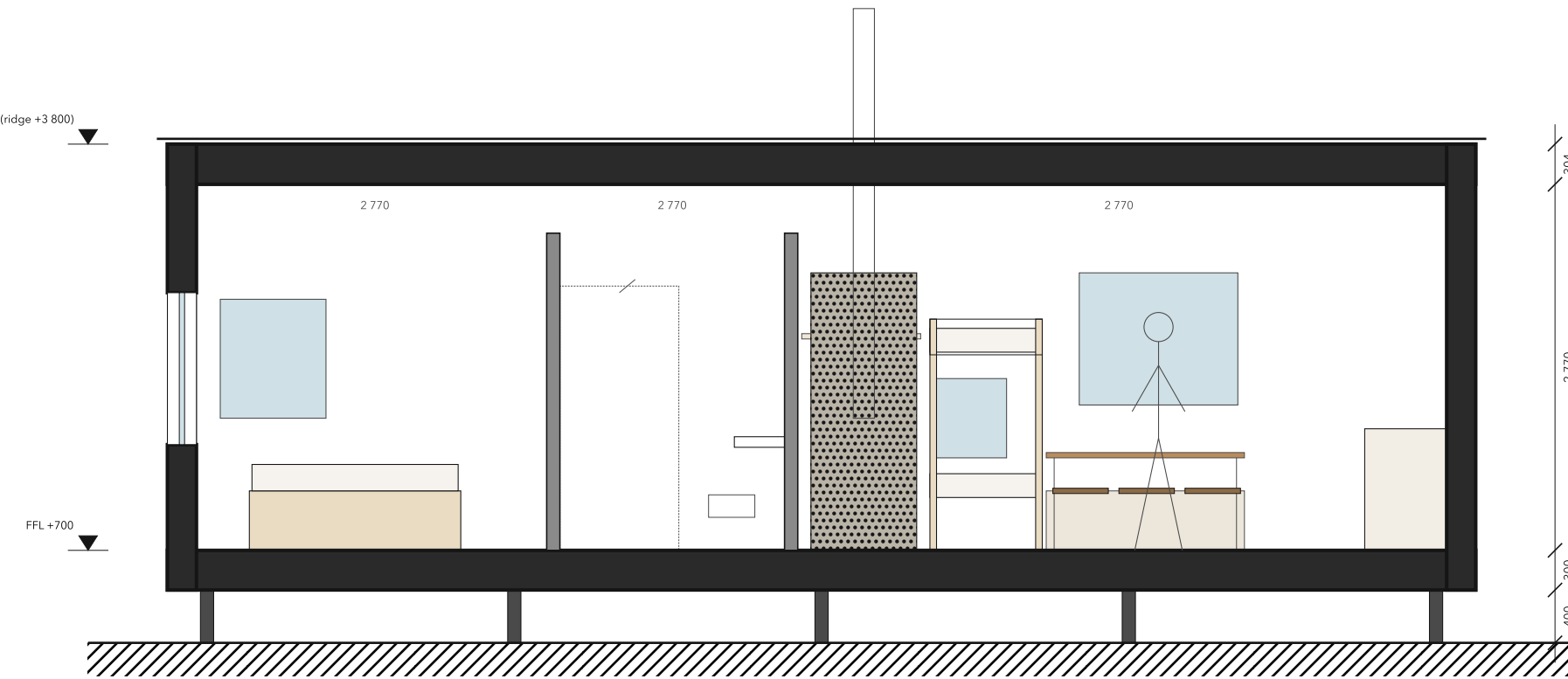


1 GROUND FLOOR PLAN, FURNISHED
1:50



2 SECTION A-A
1:50

KEY DATA	
Modules	1 x timber module: 3 500 x 9 900 mm
Transport	3.50 m wide, module 3.40 m high, 3.80 m on a semi-low-loader (≤ 4 000); RDW exemption ≤ 3.50
Lift	10.3 t incl. 10% contingency (crane limit 12 t at 6 m)
Footprint	10.00 x 7.10 m incl. porches and roofs
Inside	34.6 m² gross, 28.9 m² net inside the walls
Outside	6.3 m² covered + 6.3 m² open deck
Sleeps	4: 2 adults in the double + 2 on the kachelbank (warm bench + shelf berth)
Ceilings	2.54-2.80 m clear; FFL +700 on piles
Envelope	Rc wall 4.8 / roof 6.5 / floor 5.0 m²K/W; triple glazing Uw = 0.8; n50 ≤ 1.0
Energy	air-to-air heat pump 2.5 kW + MWhR 90 %, 1.6 kWp PV = 1440 kWh/yr, soapstone masonry heater
Orientation	porch and big window south; heater at the centre so every room gets its warmth



3 SECTION B-B
1:50

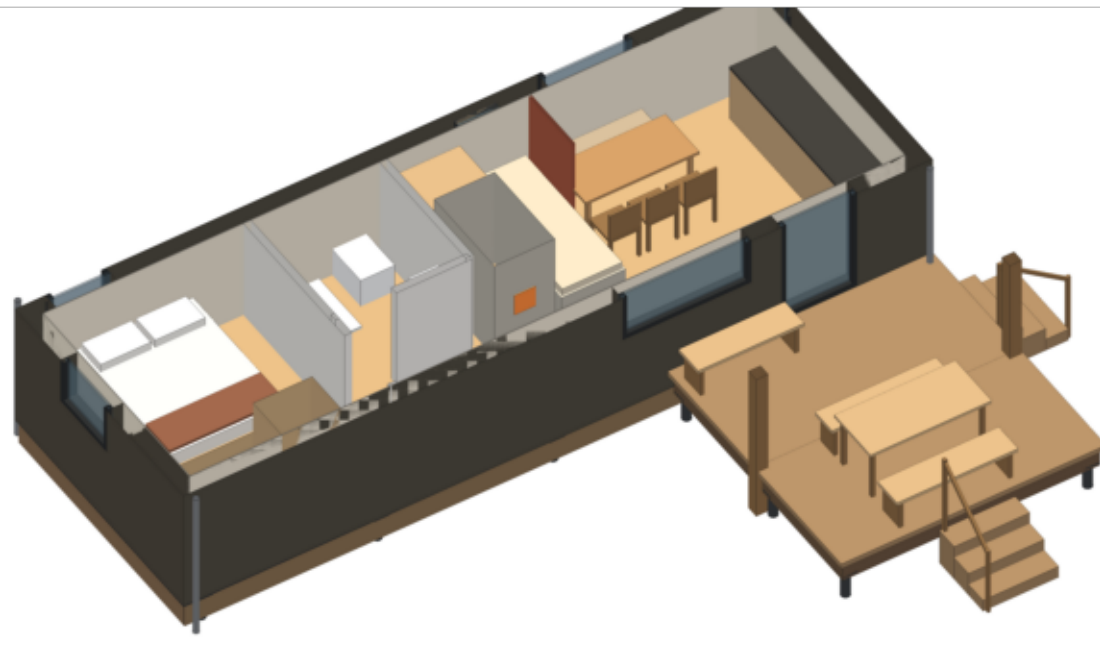
HT-08 HAARD

A masonry heater divides the hut, and its warm bench is a bed



A soapstone masonry heater stands at the centre of a timber gable: one fire in the evening, and its stored heat lasts through the night. Its last flue pass runs under a 2.0 m tiled bench, beside it, which is a warm berth, with a shelf berth above (the kachelbank), closed by a wool curtain. The double bedroom and bath sit beyond the heater at the F end, the galley and a table for six at the R end. A lean-to roof on two posts covers the S door and a porch bench; beyond it an open sun deck carries a table for six.

Lineage: new - stove as spine - the Russian poch and Finnish tulija (masonry heaters with a sleeping bench) and the Dutch kachelbank.



ROOM SCHEDULE

Room	Area	Clear height (m)
Sleep	8.1 m²	2.54-2.80
Bath	3.0 m²	2.54-2.76
Hall	2.1 m²	2.54-2.74
Living + kachelbank	15.0 m²	2.54-2.80
Total rooms	28.2 m²	

LEGEND

cut wall 220 / roof 300 / floor 300
partition 100
fire wall 100 (4-10 C60 at appliance)
triple glazing, timber-ru
leech deck on its own piles
roof / run-on overhead (dashed)
stove: red dashes = 300 clearance

HAVAAN

Trekkeershutten - static cabins on screw piles - design series 2026

Drawing	Plan and sections
Scale	1:50 at A1, dimensions in mm
Date	2026-10-25
Status	Concept design, rev. 3 - not for construction

HT-08

Haard

Sheet

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CAD: build123d + maplet01, one spec (cad/hut)