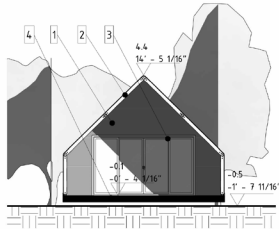


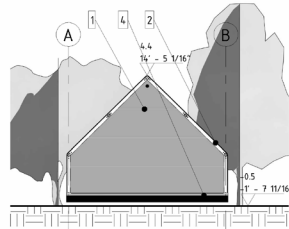
A-FRAME A-FRAME CABIN

DRAWING

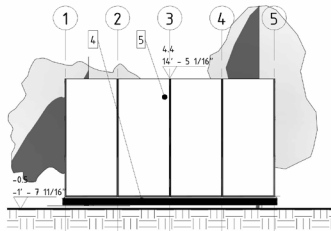
FRONT ELEVATION
SCALE 1:100



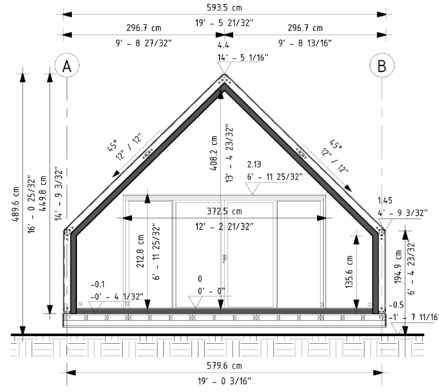
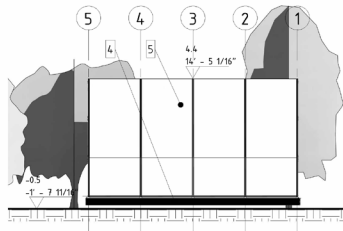
BACK ELEVATION
SCALE 1:100



RIGHT ELEVATION
SCALE 1:100



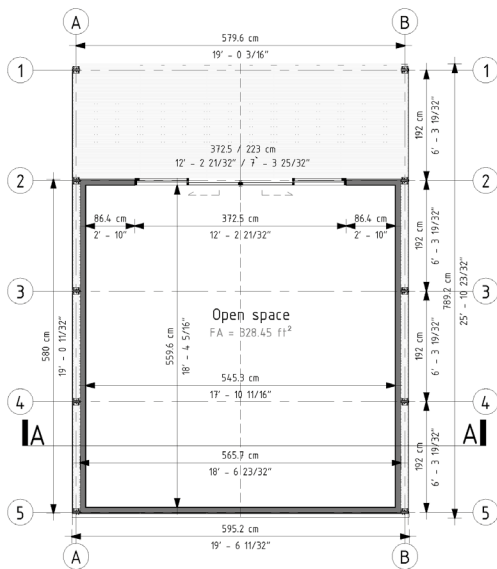
LEFT ELEVATION
SCALE 1:100



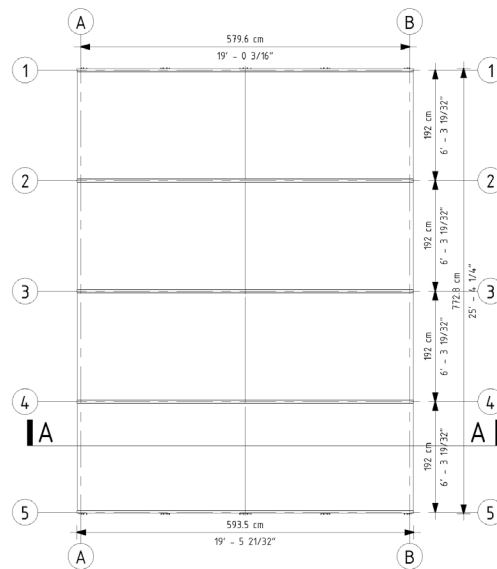
SECTION A-A
SCALE 1:50

LEGEND:

- 1 Sandwich panel RAL...
- 2 Supporting structure RAL...
- 3 Window frame RAL...
- 4 Terrace board RAL...
- 5 Roof membrane RAL...



FLOOR PLAN



ROOF PLAN

TECHNICAL SPECIFICATIONS

Basic data

- Gross floor area – 48.85 m² / 525.82 sq ft
- Usable area – approx. 27 m² / 290.63 sq ft
- Floor area (interior) – 31.80 m² / 342.29 sq ft
- Terrace area – 1190 m² / 128.09 sq ft
- Roof inclination angle – 45°
- Ridge height:
 - external (without floor and supporting structure) – 4.50 m / 14 ft
 - internal (from the finished floor) – 4.10 m / 13 ft
- Height in the eaves:
 - external (without floor and supporting structure) – 1.55 m / 5 ft
 - internal (from the finished floor) – 1.38 m / 4 ft
- Available colors of the external PVC membrane: Dune Cream, Light Grey, Taupe.

Cabin

- The shape of the A-frame is rectangular at the base, with the approx. size 6.0x8.2 m / 19x26 ft
- The roof is designed as a gable roof. The external façade and roof covering are made of a PVC membrane resistant to weather conditions, which makes it easier to maintain.
- The inside usable surface was finished with sandwich panels with a PIR core (polyurethane foam):
 - thickness 100 mm / 3.93 inch
 - heat transfer coefficient Rv=25.81
 - the boards have fire-retardant properties and are classified as difficult to ignite (reaction to fire B-s2, d0) in the fire resistance class EI15 and not spreading fire.
- The boards are finished from the inside in RAL 9003.

Window

The main entrance to the building is a sliding window (steel) with a double-glazed glass unit with a Rv=4.06 coefficient (only for double-glazed glass), RAL9001 or RAL7038 color.

Construction

- The supporting structure of the A-frame cabin consists of steel profiles (rectangle pipes) protected against corrosion by galvanizing and powder coating in the following colors: Dune Cream, Light Grey, Taupe.
- The main load-bearing elements are steel frames spaced at every 2.0 m (78.74 ft), between which transverse transoms are installed. The cabin is assembled at the target location chosen by the customer.
- The basis for the building is the floor in a frame structure made of prefabricated elements and the main load-bearing beams. All supporting elements are made of C24 wood.
- The floor was covered on top with a wooden, impregnated, terrace board. Individual prefabricated elements are connected together by screwing them together and placing them on load-bearing beams, which are spaced approximately every 1.0 m (39.37 inch). The whole structure thus forms the basis for the structure of the house and for the internal layers of the floor.
- Layers of the finished floor from top to bottom:
 - vinyl panel thickness. 5-6 mm / 0.20-0.24 inch
 - OSB-3 thick board 12 mm / 0.47 inch
 - XPS board 80 mm / 3.15 inch
 - Terrace Board
 - wooden frame structure
 - wooden load-bearing beams.

