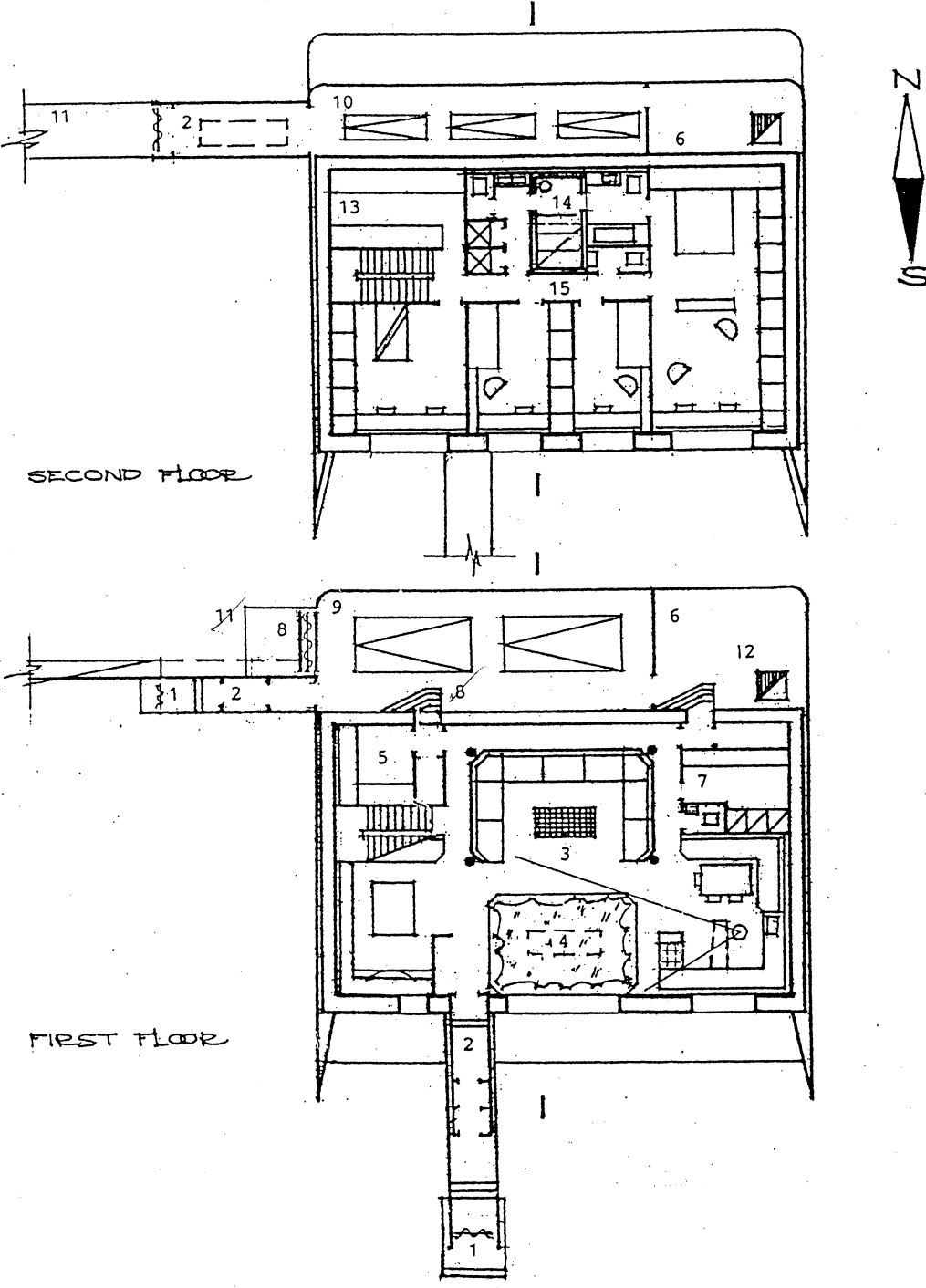
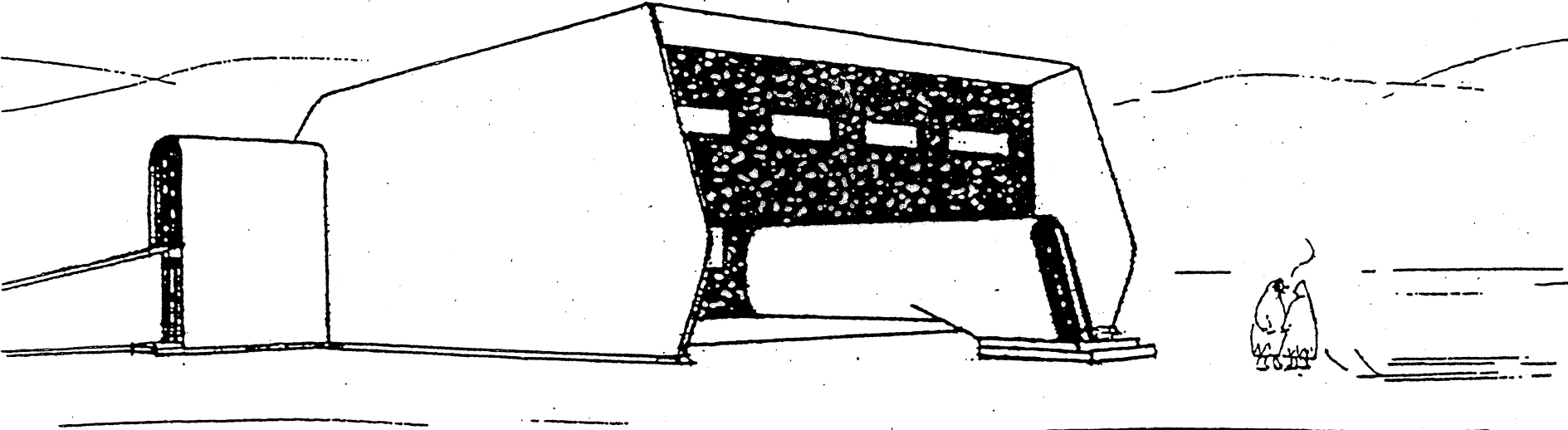


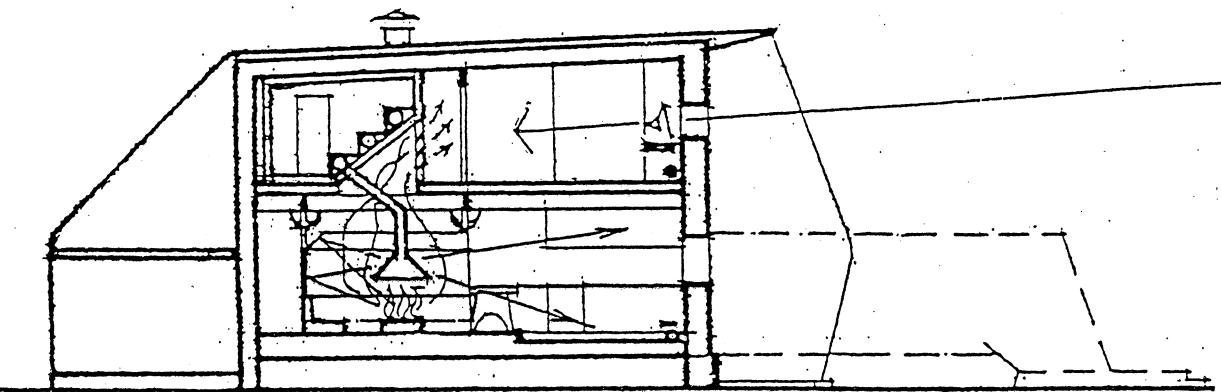
ECOLOGICAL HOUSE 'PARKA'



This house is designed for the northern region of Alaska. The house is placed into a steel or duraluminum shell, which forms the roof and northern, eastern, and western walls. Inside of the metal shell, a thermal shell which forms the bearing walls and covering, is located. The thermal shell opens to the outside only towards the south. This shell contains dwelling rooms, kitchen, bathrooms, sauna, laundry room, and workshop. Storage premises and garages for cars and motor sleds are located between the thermal and metal shells. All windows face the south. An open fireplace is located in the center of the dwelling space of the first floor. The screens which surround the fireplace reflect thermal radiation to the space of the living room. Thanks to a thermal hatch between the 1st and 2nd floors, the warmth of the fireplace reaches the 2nd floor. The smoke ducts of the fireplace heat the sauna in addition to an electric heater.

The area of this house is 2,550 sq. ft; the living area is 2,450 sq. ft.

- EXPLICATION**
- 1 - snow curtains; 2 - thermal lobbies; 3 - fireplace; 4 - children's play area/dining area; 5 - workshop; 6 - storage premises; 7 - heater and laundry; 8 - summer entrance; 9 - garage for cars; 10 - garage for motor sleds; 11 - ramp for motor sleds; 12 - lift; 13 - clothing storage; 14 - sauna; 15 - thermal hatch



SCALE
0 6 12 18 24 30 ft

Viktor Mashinsky
**VIKTOR MASHINSKY
ARCHITECT**