



Building the ideal survival shelter

404 SNF

STRUCTURE

Each module has:

- 2 layers:
 - outer layer (*fig. 1*) - made of *Siberian Larch* and *Oakum*
 - inner layer (*fig. 2*) - made of polyethylene foam; removable top
- 2 windows
 - on the top - lighting
 - on the side - lighting and ventilation
- Metal feet

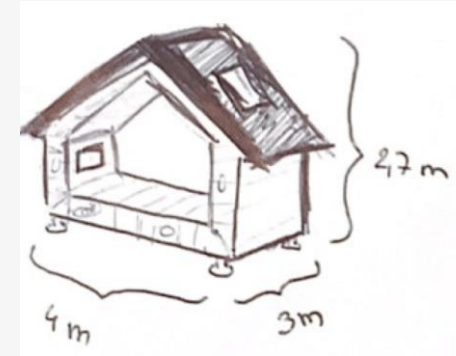


Fig. 1 - outer layer

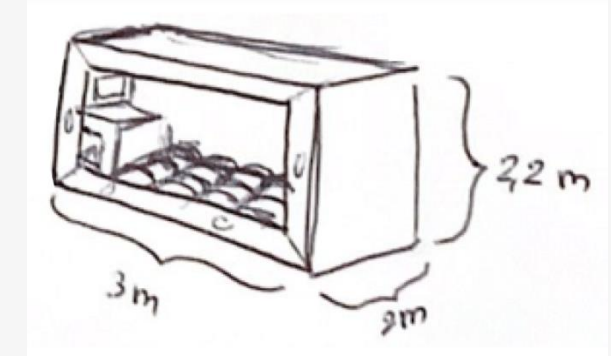


Fig. 2 - inner layer



Fig. 3 - outer and inner layer

UTILITIES



Water

Ice collected from the river

- Boiled and filtered – drinking and domestic use
- Filling water tanks – bathing

Communication

Radio and fixed telephones at the common area.

Electricity Generation

Power generators as the main energy suppliers – charging, illumination, heating, cooking

SOCIAL CONCERNS



Security

Comfort

Privacy

- Located at least 1 km away from the river and 10 m above river level
- Thermal comfort: protected against extreme weather conditions
- Two doors (one for each layer) – improves privacy and sound insulation

- Separated common area composed by: bathing area, first-aid, communication and canteen
- Dedicated module to collect human waste and later be sold as fertilizer
- Jacket that doubles as a sleeping bag