



DROZDOV
&PARTNERS



KHARKIV SCHOOL
OF ARCHITECTURE



REPLUS
BUREAU



PONOMARENKO
BUREAU

Temporary Shelter System

Space reorganization for temporary housing for IDPs

Concept

Rest as a value

Today, the west of Ukraine has become a temporary home and a halt on the path of many Ukrainians who are trying to survive the war. The big flow of internal displaced people are arriving in the cities. At this time the priorities are survival and security, ability to adapt quickly, and willingness to any conditions.

For the last few month we have been developing and implementing projects for internal displaced people centers in Lviv together with our partners Replus bureau and Ponomarenko Bureau. The priority was to create in a very short time a package of solutions, which will be simple and quick to install, as well as adaptive. We tested different designs, as well as developed furniture options for the centers. We focused on the solution of modular frameworks made of cardboard pipes designed by Japanese architect Shigeru Ban. It is easy to install, reusable and recyclable.

Last week, we completed setting-up the seventeenth center. We have received requests for the next ten centers in different cities of Ukraine. Vast spaces will become into place of hope.

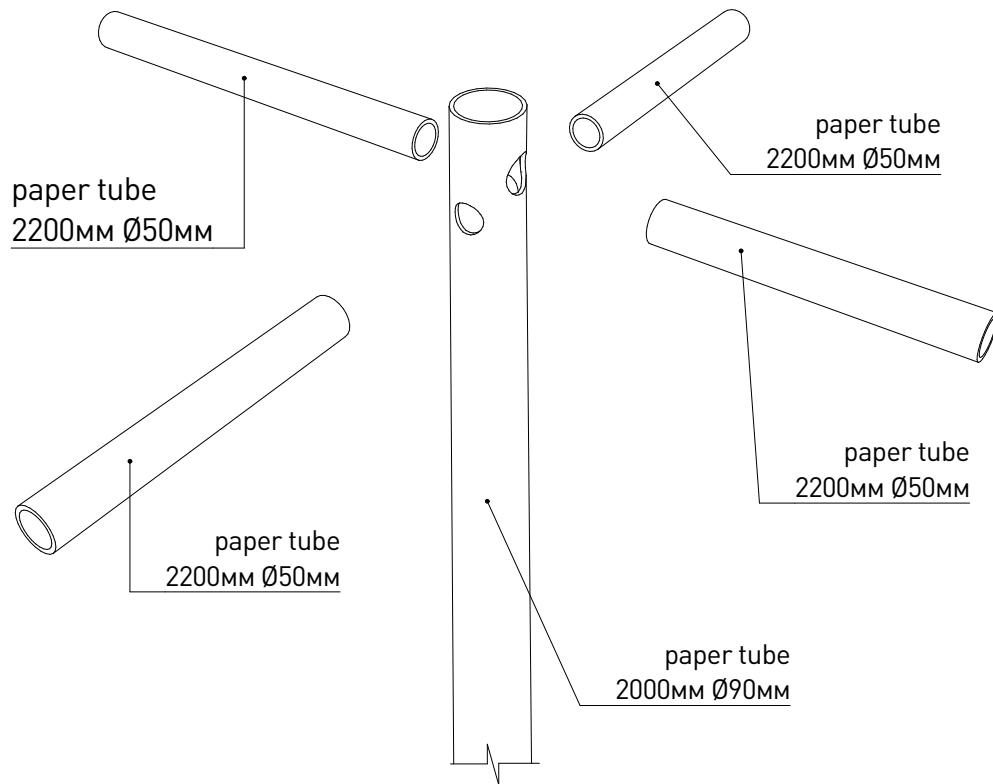
This is not a new home, but it is a space where people may feel safe and calm. It is about the humane privacy, respect and sensitivity to each other that most of us need today.

Partition systems

Paper Partition Systems

Shigeru Ban Architect's project adaptation

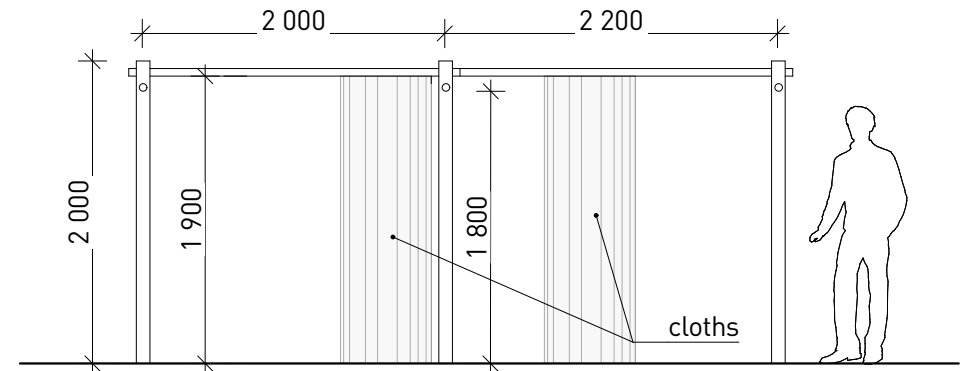
Assembling. Detail



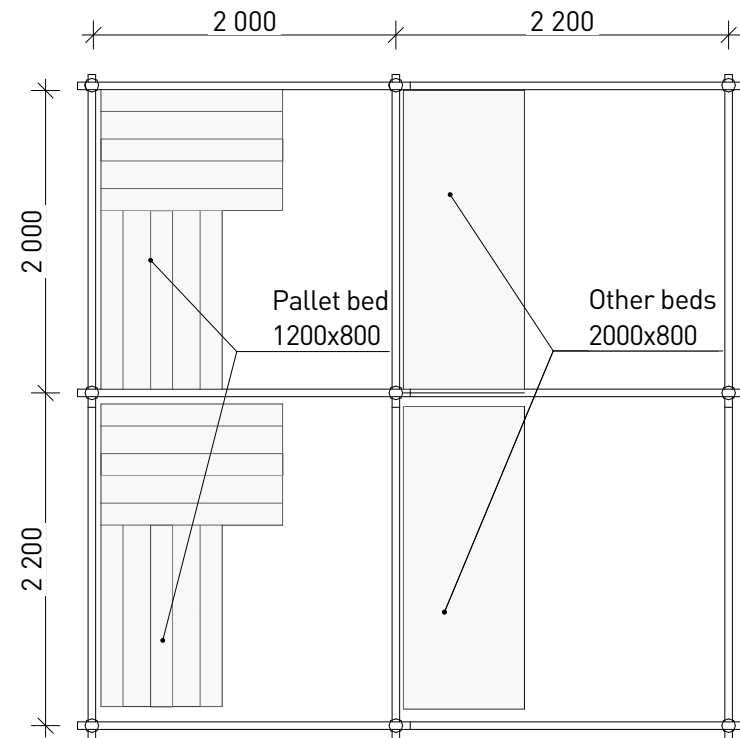
Materials

Columns:	Paper tube (diameter 50mm; thickness 3mm; length 2000mm)
Beams:	Paper tube (diameter 90mm; thickness 3mm; length 2000mm)
Curtains:	Cloths - partitions (agrofiber) 2.2m x 1.8m - door (soft fabric) 2.2m x 1.1m, 2 pieces
Duct tape:	50mm (thickness)

Front view



Plan



Paper Partition Systems

Assembling



1. Insert beam into column



3. Hang cloths and pin it:
construction screeds / pins / binders / construction stapler



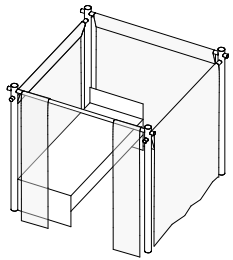
2. Tape to hold



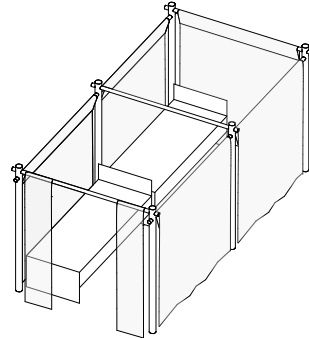
4. Hang soft cloths for doors and pin it

Paper Partition Systems

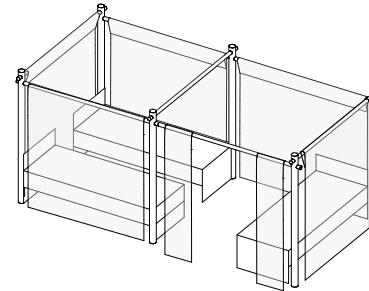
Unit types



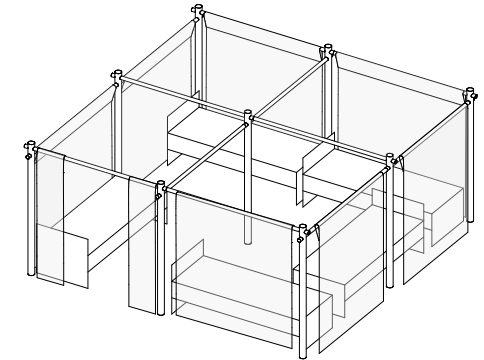
1 bed



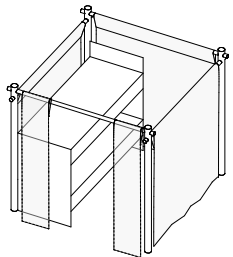
2 beds



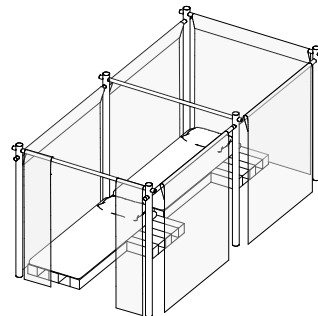
3 beds



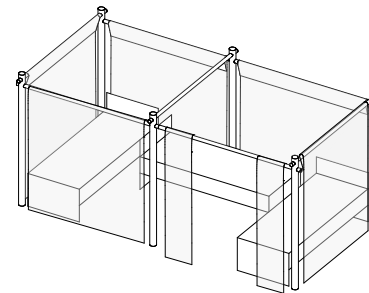
5 beds



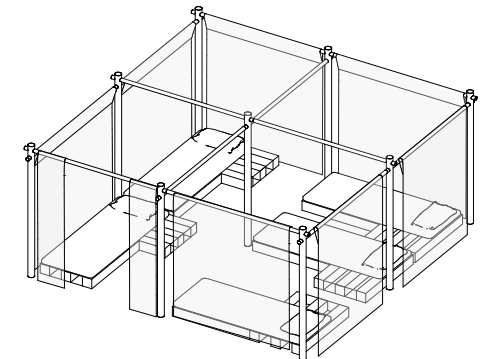
bunk bed



2 pallet beds



3 beds
(alternative option)



5 pallet beds

Paper Partition Systems

Photos

Past



Present



Temporary Shelter System



Paper Partition Systems

Photos

Past



Present



Temporary Shelter System



Paper Partition Systems

Photos



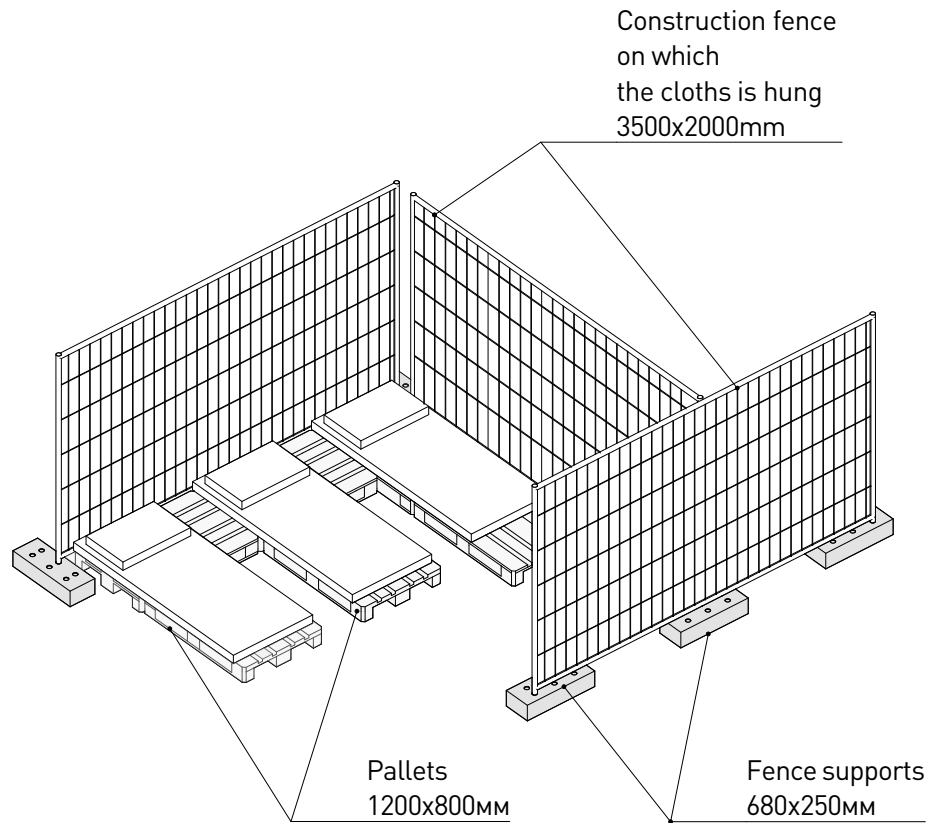
Paper Partition Systems

Photos

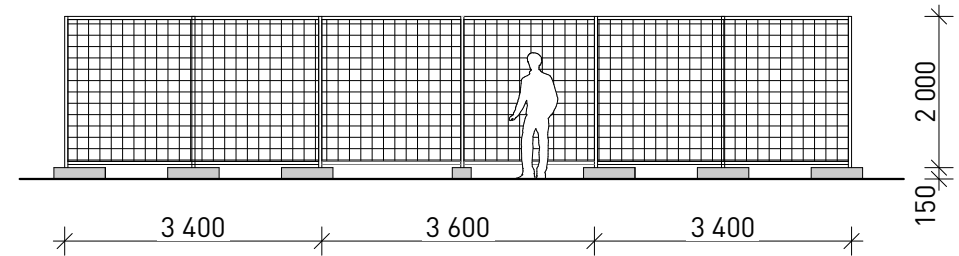


Partition system from construction fences

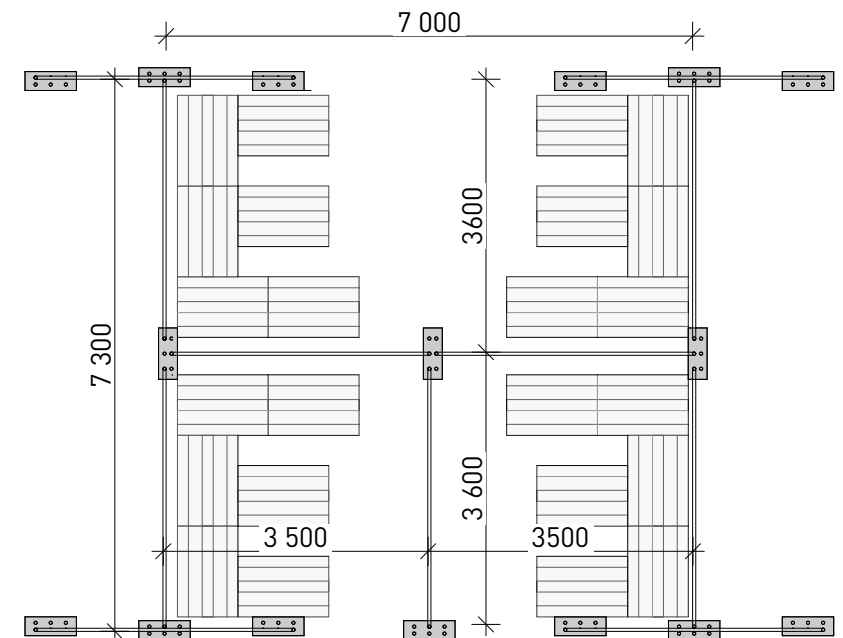
Unit example



Front view



Plan



Partition system from construction fences

Photos

Past



Present



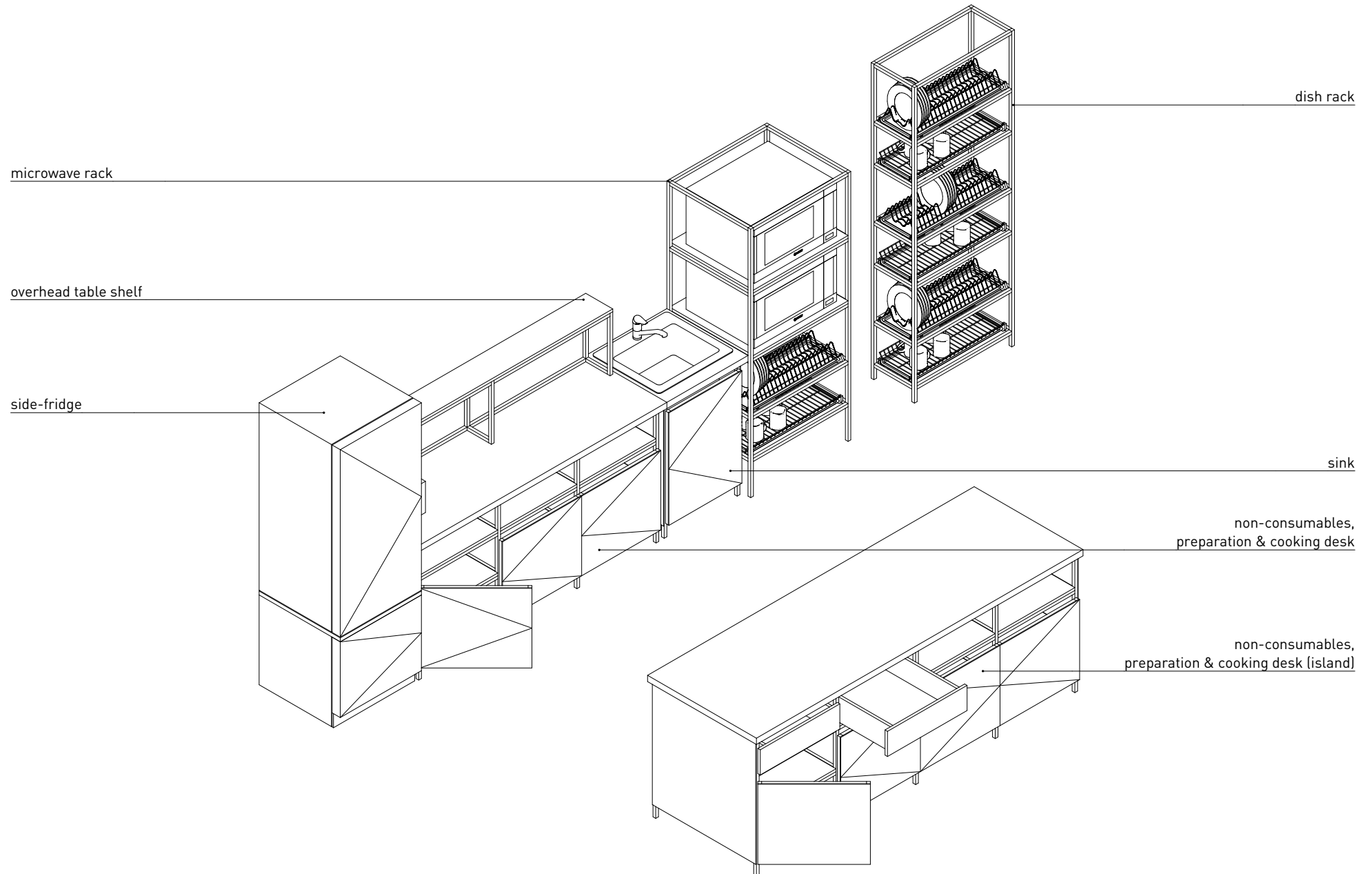
Partition system from construction fences

Photos

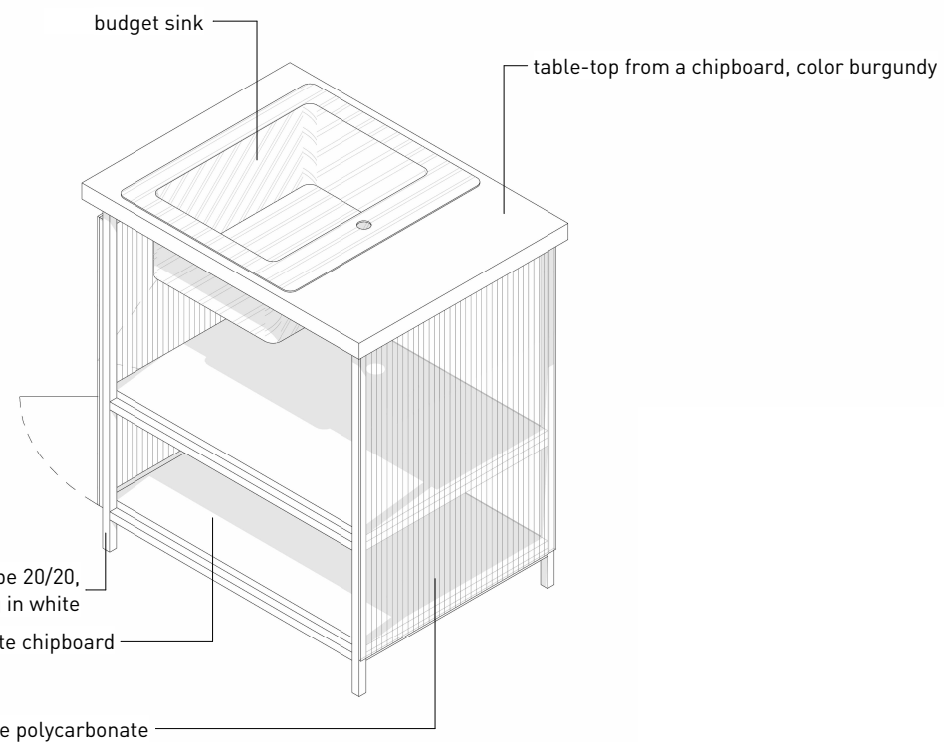
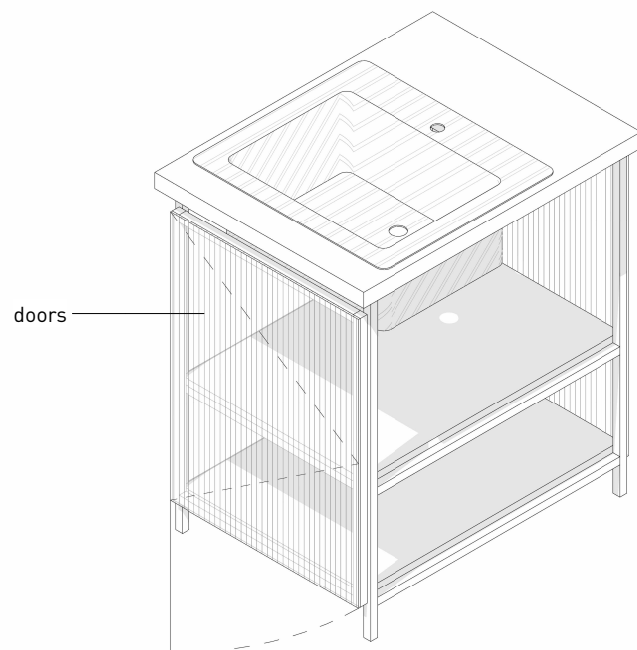
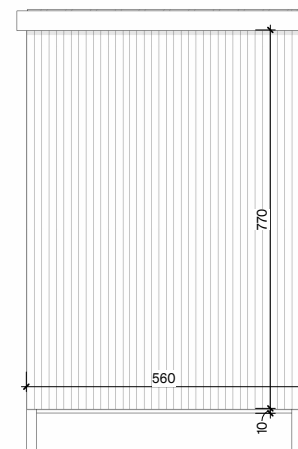
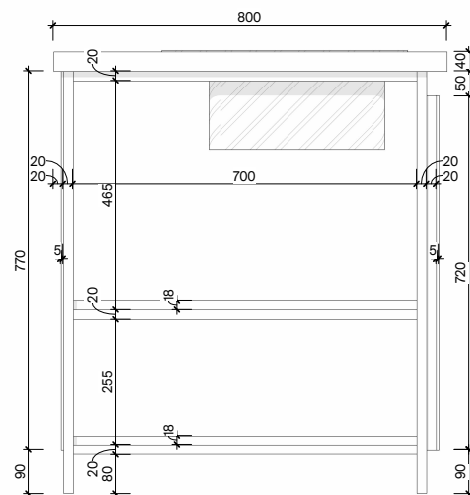
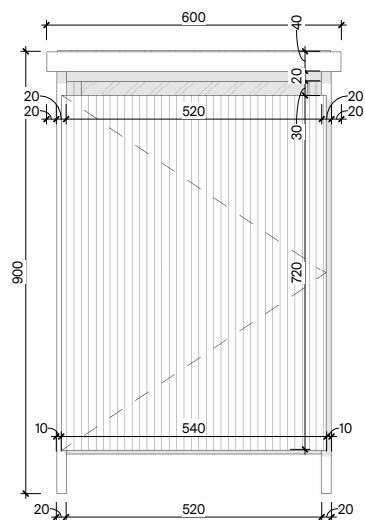


Furniture

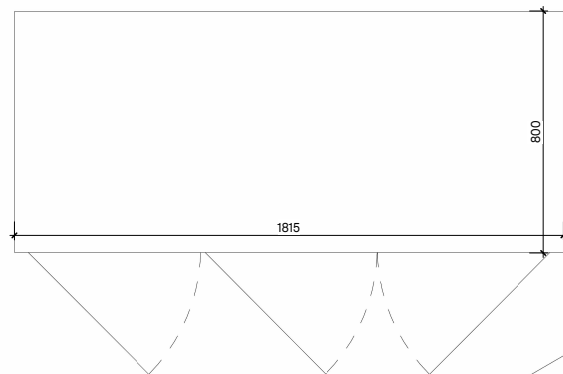
Kitchen. Elements



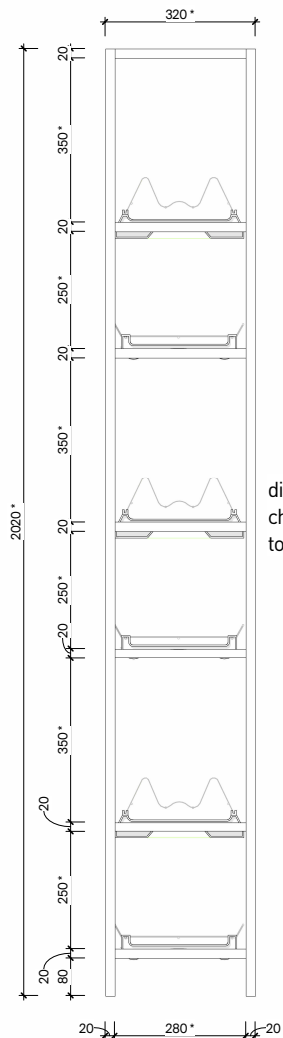
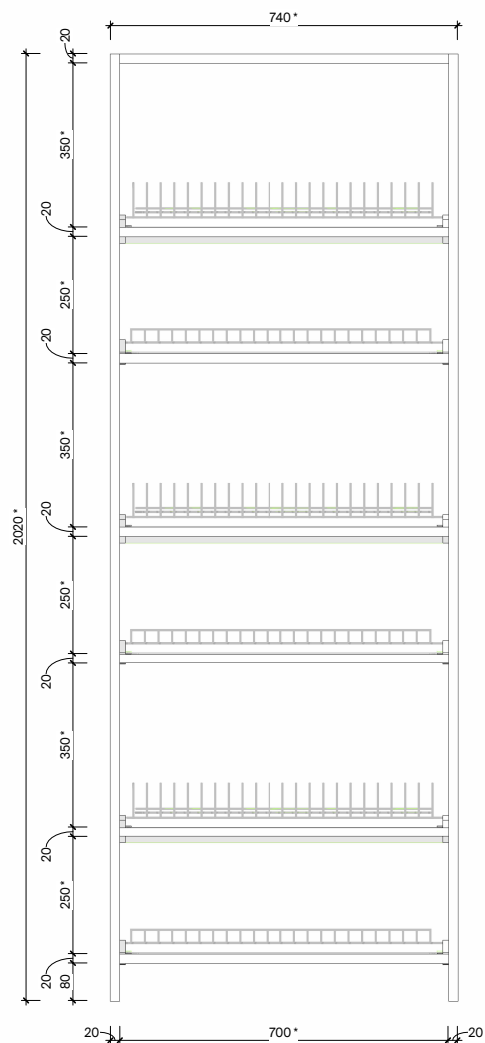
Kitchen. Cleaning zone



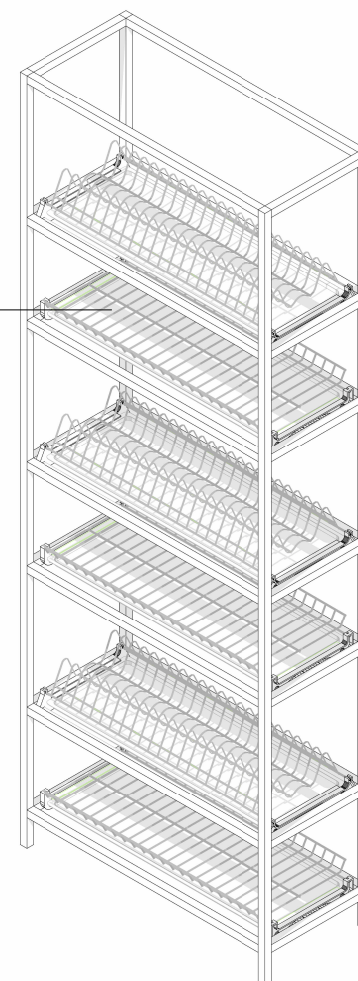
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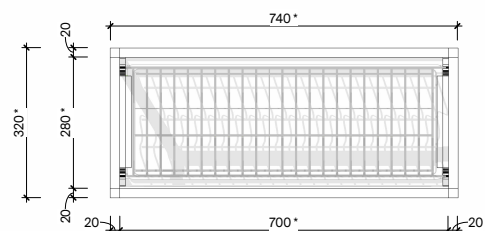
Kitchen. Dish rack



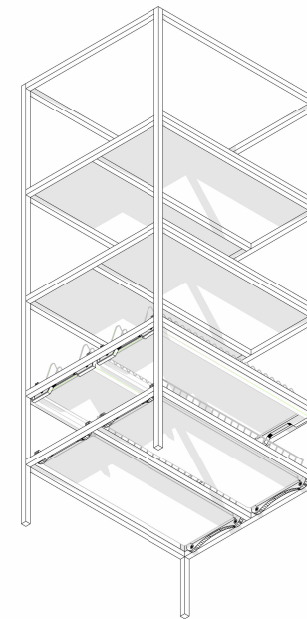
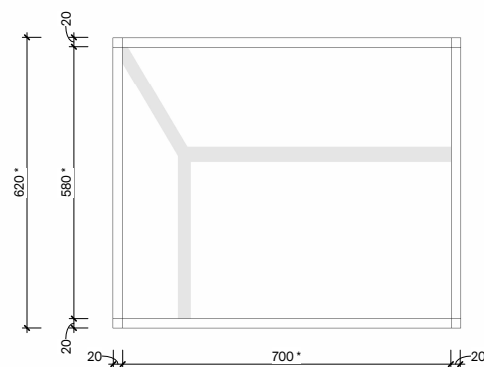
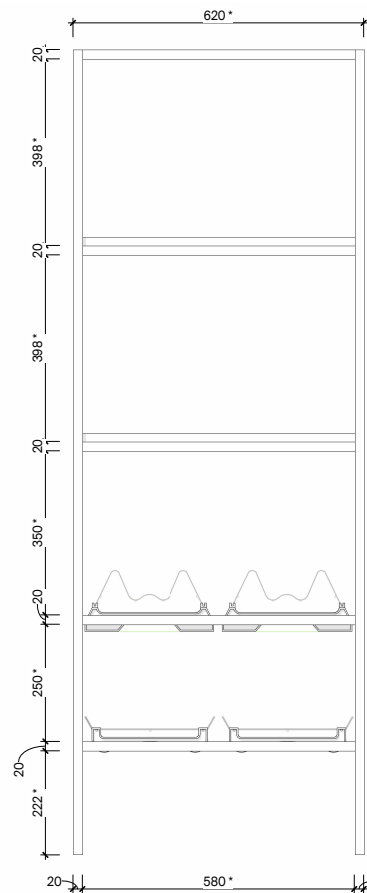
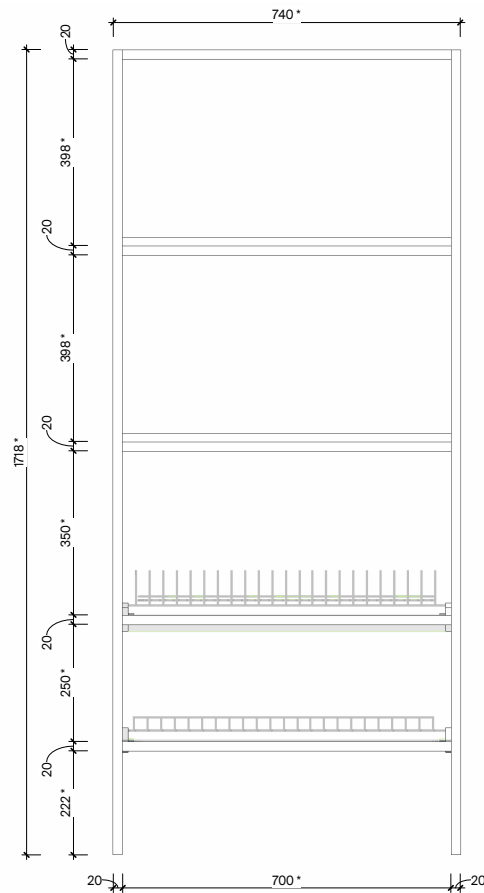
dish rack,
choose specific
to fit the dimensions



profile pipe 20/20,
powder coating in white



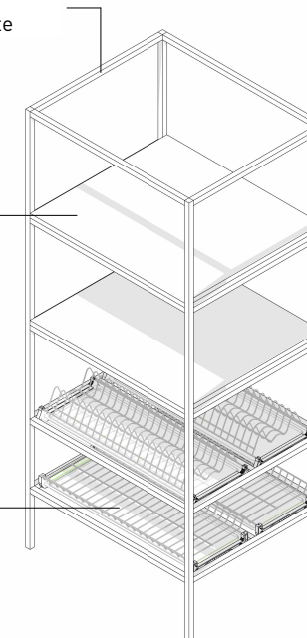
Kitchen. Microwave rack



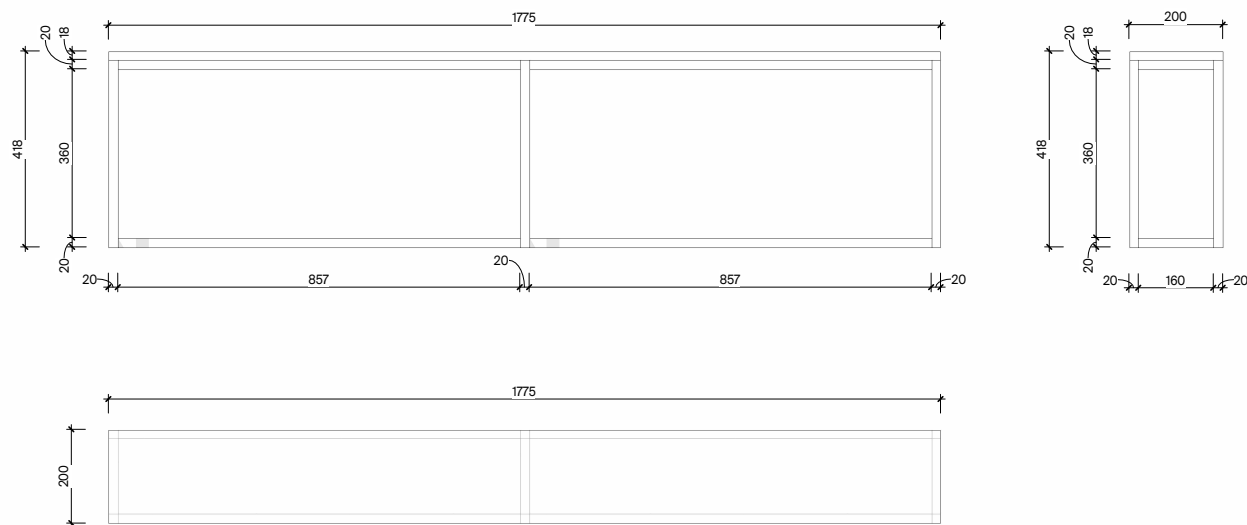
profile pipe 20/20,
powder coating in white

shelves from a chipboard,
color burgundy

dish rack,
choose specific
to fit the dimensions

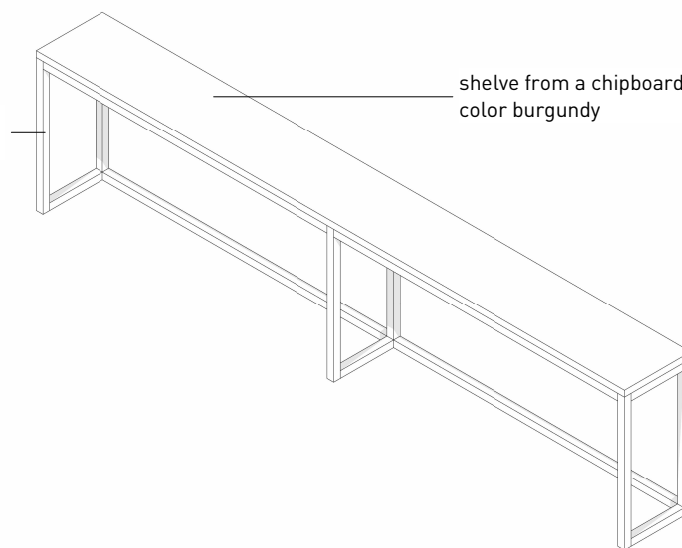


Kitchen. Overhead table shelf



profile pipe 20/20,
powder coating in white

shelve from a chipboard,
color burgundy

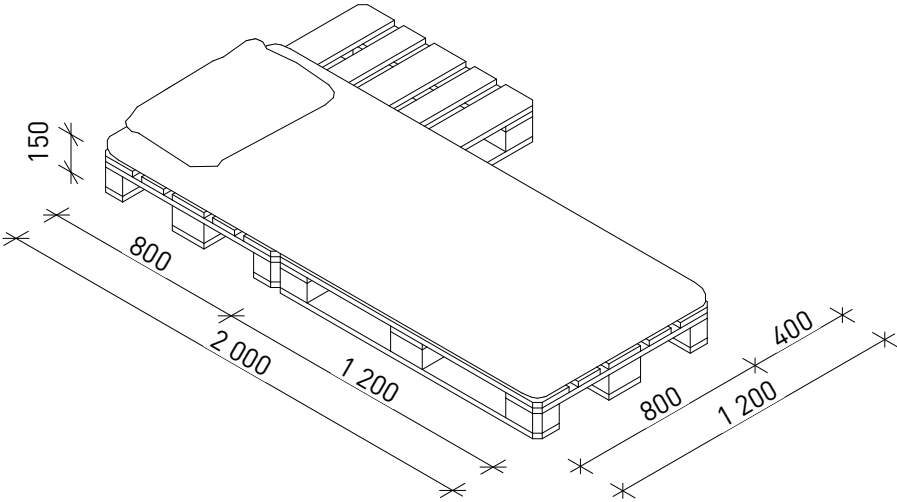
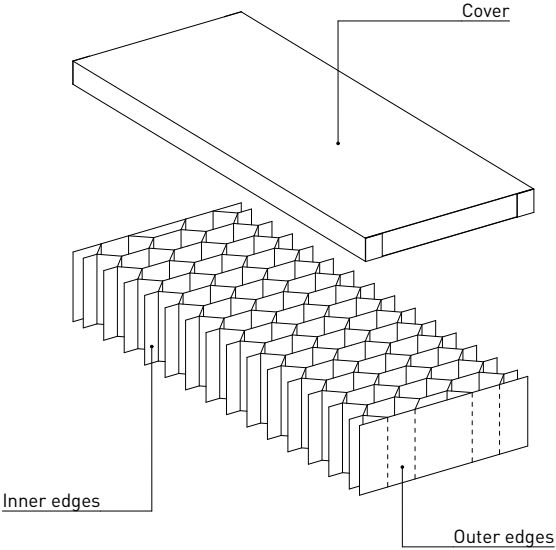


Previous bed options

Paper bed



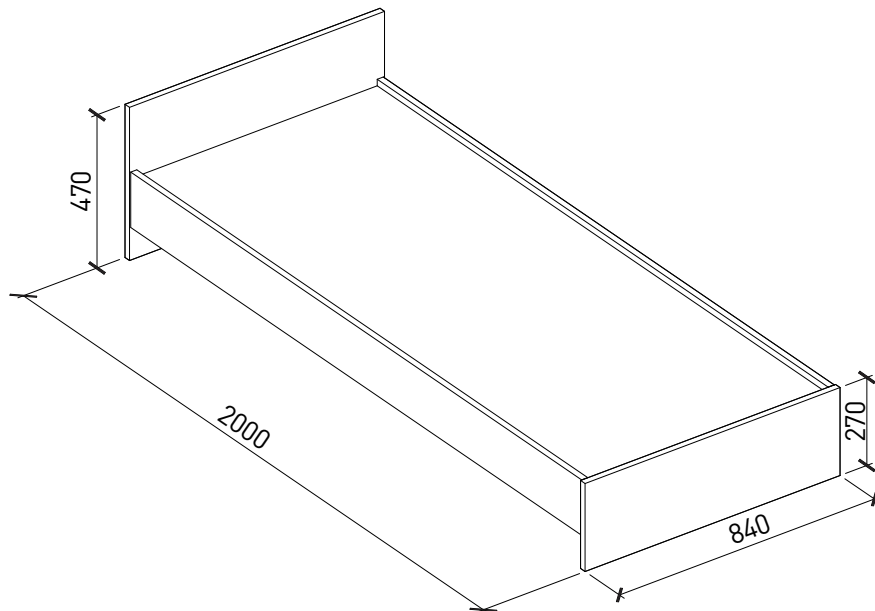
Pallet bed



Chipboard bed

black&wood, Nazar +380937291750

Dimensions



Photo

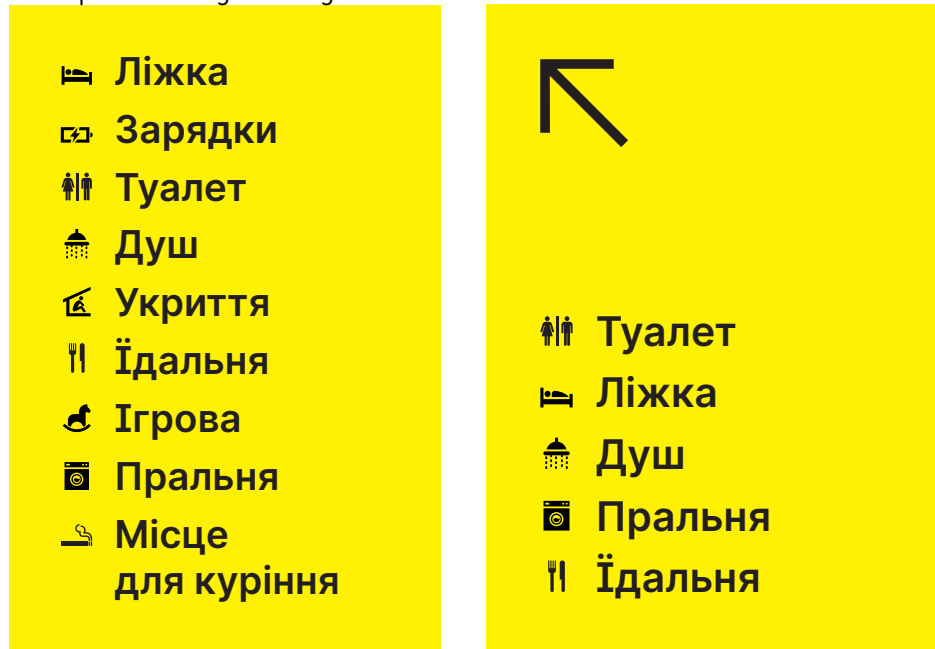


Navigation

Navigation

Made by <https://www.instagram.com/vatralik/>

Examples of navigation signs



Examples of use



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