

Olena Zelenska  
Foundation

# Room for Childhood

## Foster family house

# General Information

A construction project has been developed. It contains all the necessary sections to get the project approved and built.

The project calls for the use of only environmentally friendly and energy efficient certified building materials.

## **Decisions on the Master plan and landscaping:**

Special land plots of 0.15-0.2 hectares, are selected, which are equipped with all necessary engineering infrastructure and have access to social and domestic services for the population (shops, schools, kindergartens, hospitals, etc.) within walking distance. The land will be used for the construction of a residential house, a carport, a shelter (a dual-purpose structure), a sports and playground, and a utility area.

## **Architectural and design solutions:**

The residential house is designed to accommodate 10 children and two adults. It's planned to have no more than two children per room. Thanks to successful design and architectural solutions, the residential house is suitable for the living of people with limited mobility (complete inclusiveness is ensured).

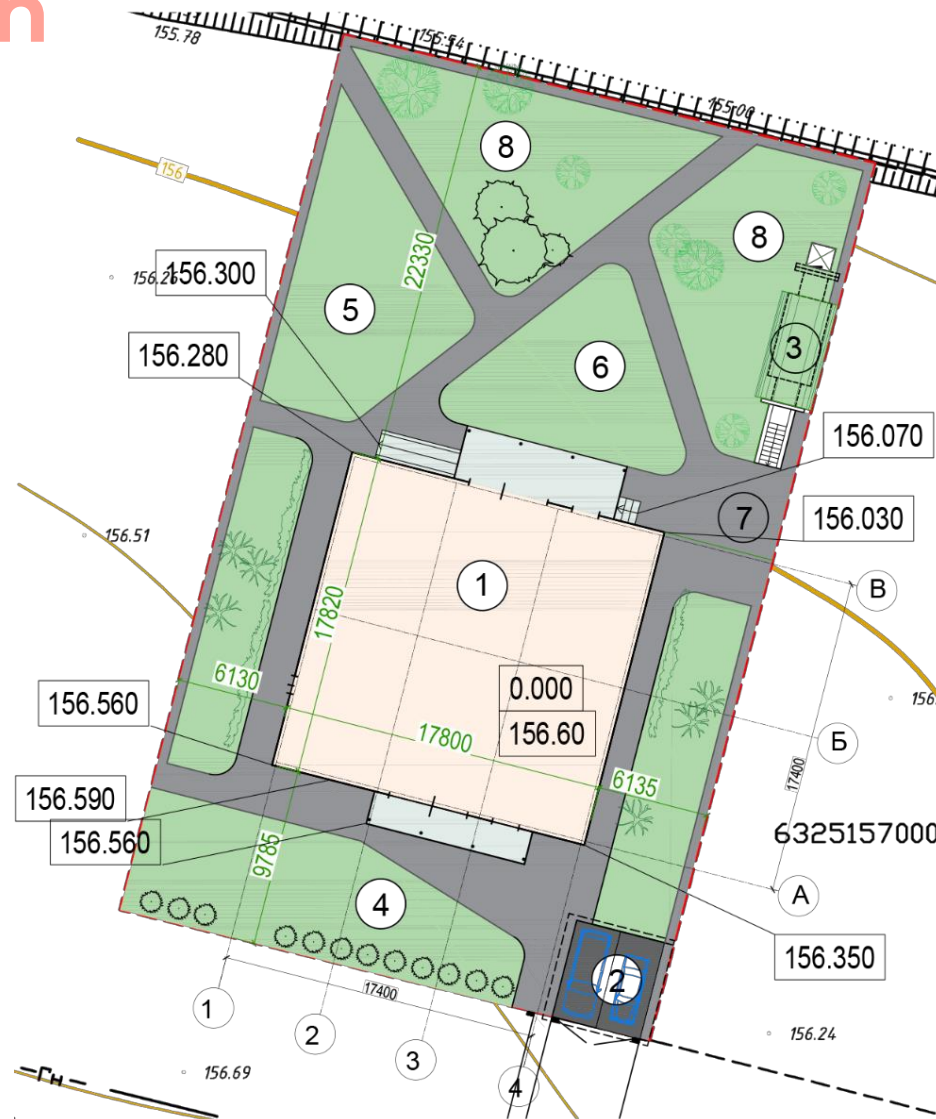
# 3D visualization



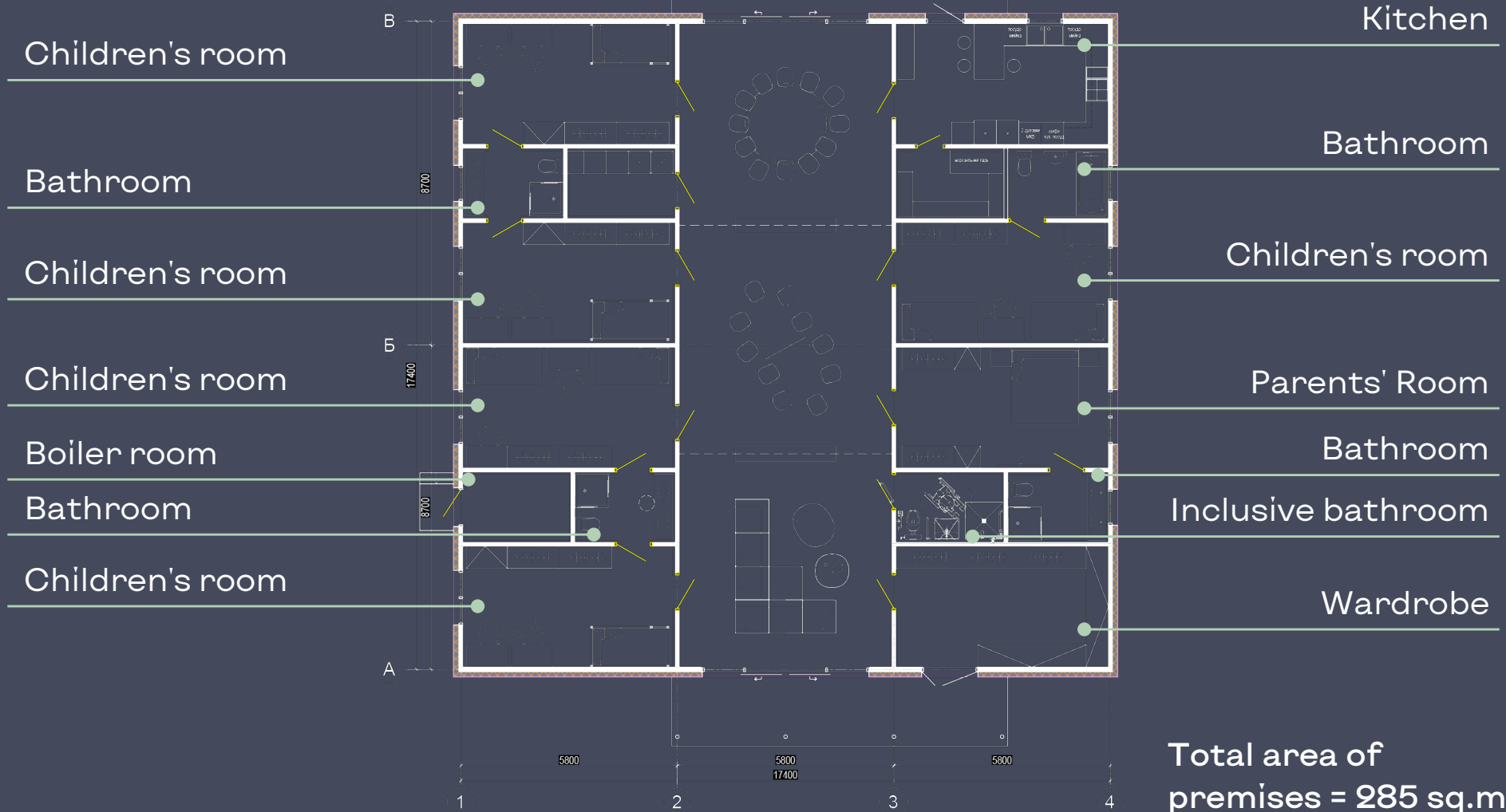
# Project realization



# Master plan



# Floor Plan



Total area of premises = 285 sq.m.

~\$400 000

is the cost of one accommodated home

It will be an energy-efficient and energy-independent fully equipped house with a heat pump, an autonomous power supply and a bomb shelter (civil protection building).



# Living room





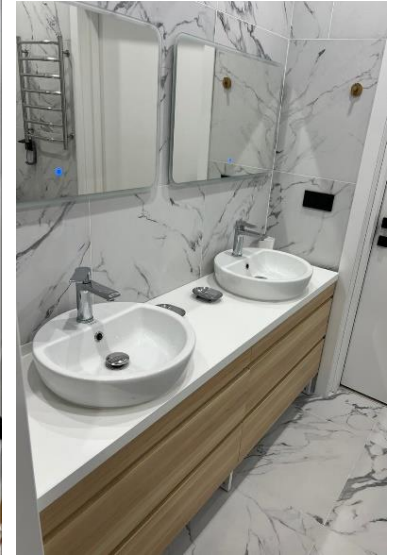
# Kitchen



# Rooms



# Bathrooms



# CLT panels

The Foundation chose to use modern construction technology with CLT panels. Cross-Laminated Timber is the wood used to build the frame house.

It's fire-resistant, multi-layered, and externally insulated with basalt wool. As a result, these panels retain heat twice as long as concrete.



# Engineering Solutions

- The house is heated by high-efficiency air to water heat pumps, which allow the use of low-temperature heat carriers while ensuring regulated and comfortable living conditions for the family.
- The house is equipped with all the necessary household appliances for a large family living.



# Engineering Solutions



The house is equipped with a security and fire alarm systems.

# First families already got the keys

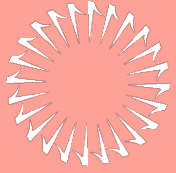
3 families already live in their new houses in Kharkiv, Cherkasy and Lviv region. Another 11 will get their keys in a few months.



In total, at least 80 large foster families in Ukraine have lost their homes due to the war.

As a result, the Foundation plans to expand this project in 2024 by finding





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# Let's Make Ukraine Safe and Prosperous Together

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