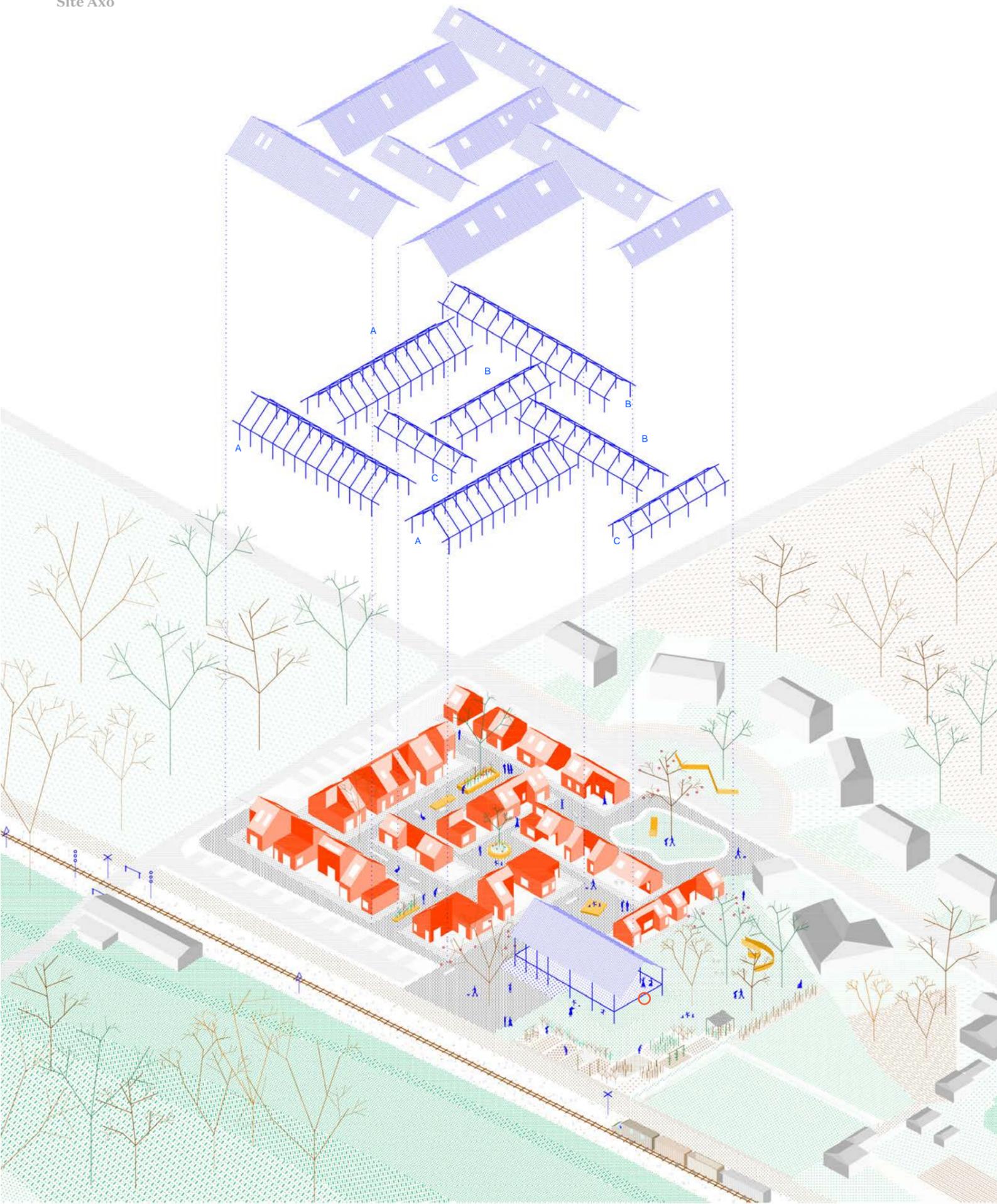
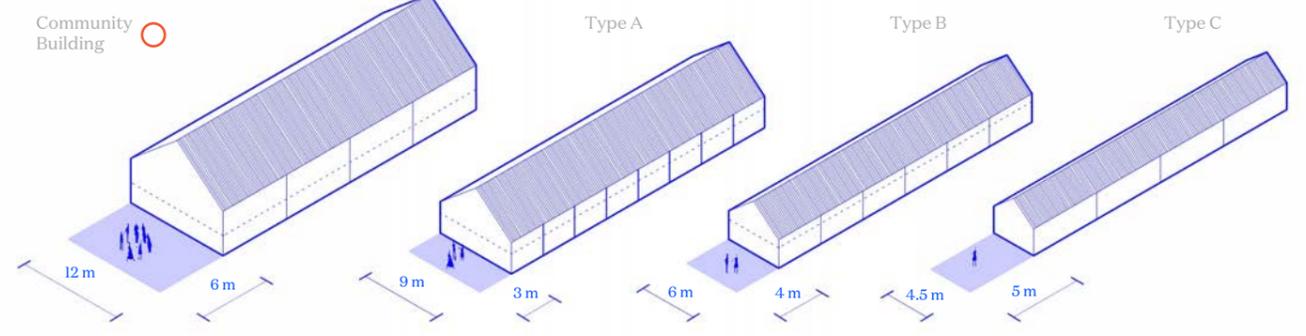


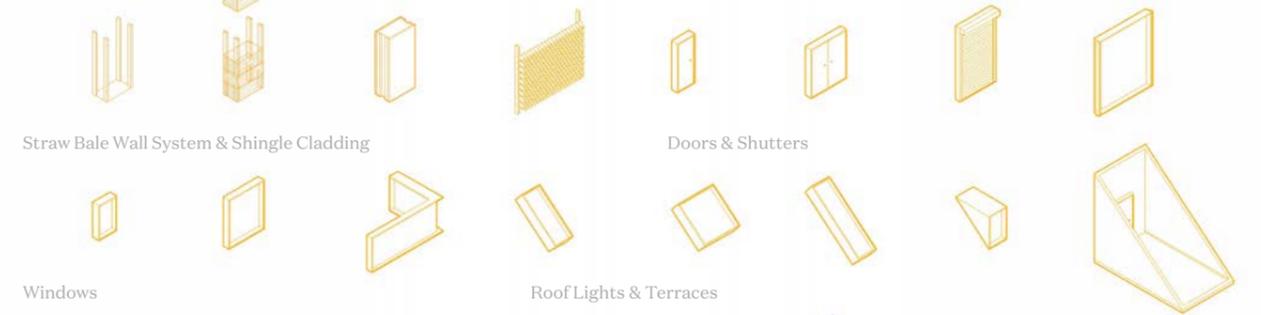
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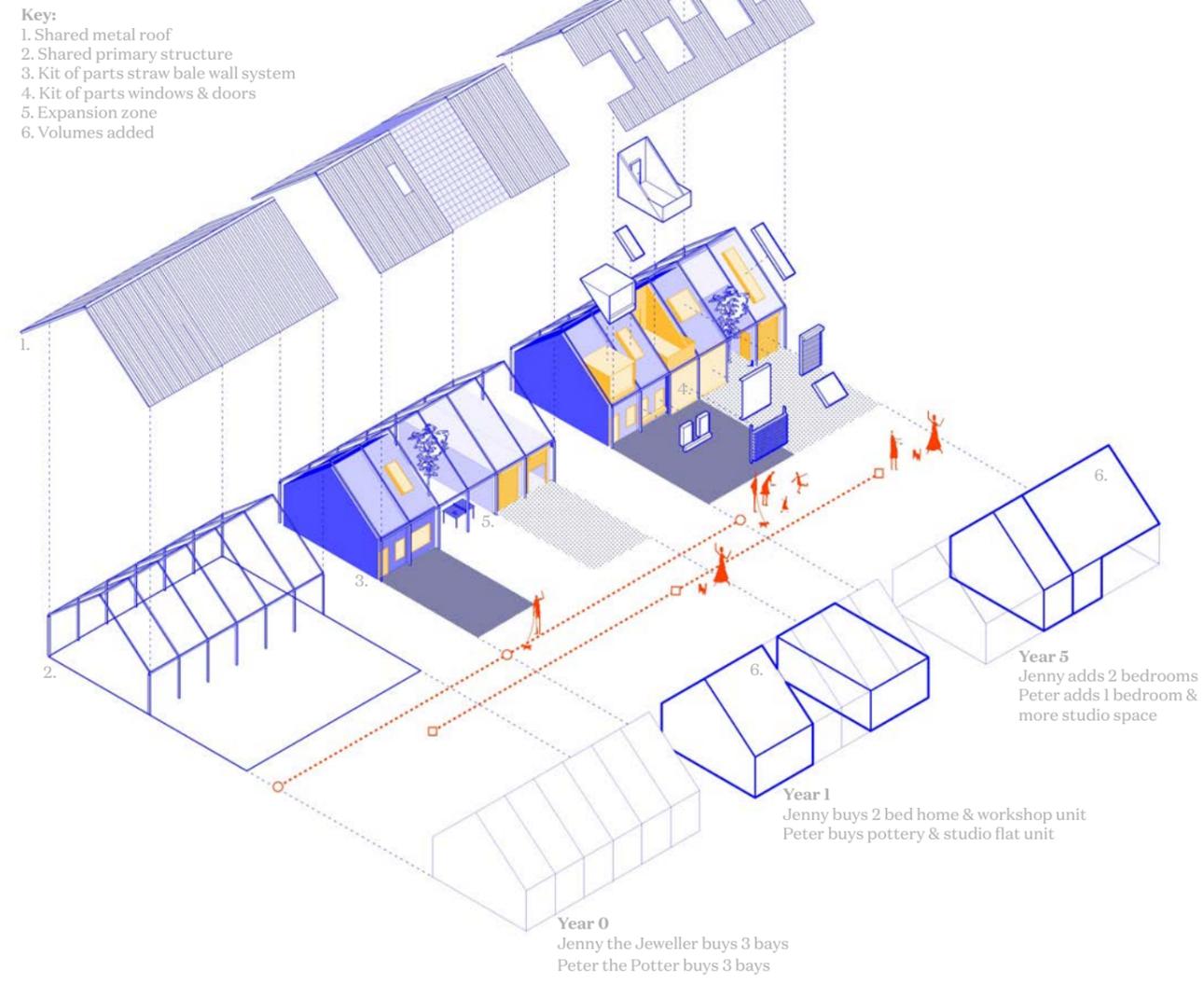
The Longhouse Typologies



Kit of Parts



Inhabitation Timeline of 2 Units



Our longhouse proposal has been designed to achieve the following key criteria to attract young people to live and work in rural areas:

- offers value, future potential and flexibility
- offers live and work space
- enables room for growth as a family and/or business
- has a strong sense of community whilst still offering individual expression
- is healthy to live within, and has a minimal impact on the environment

We have reimagined the idea of the longhouse, the communal dwelling; a type of building with roots across this land and many other cultures. Our proposal consists of a series of longhouses with large, singular-form roofs, a simple shell and structure, in three different sizes to add variety. An architecturally simple proposal, when multiplied it becomes a more complex overall architectural design.

The spaces under the roofs are offered open plan (somewhat like the popular barn conversion), for young buyers to purchase and to determine the layout from a catalogue of options, according to their means and needs. Spaces will be sold with defined breaks between each unit to offer flexibility for a buyer and enable them to adapt to their specific requirements as these change over time, whilst remaining under the longhouse roof structure.

The outer walls are proposed to be prefabricated strawbale panels, which allow for fast construction. Since the walls are not structural to the roof, it also allows for greater flexibility of alteration. Combined with an interior clay plaster and an exterior layer of timber shingles, the system provides a healthy interior and exceptional thermal comfort in summer and winter. Services are provided to defined riser locations, for each user to connect into, below a suspended floor level.

A degree of customisation will be achieved by buyers choosing from 'kits of parts' for items such as windows, doors, rooflights and shingle patterns. Having a pre-designed series of these will also enable greater economies of scale, helping to reduce the building costs.

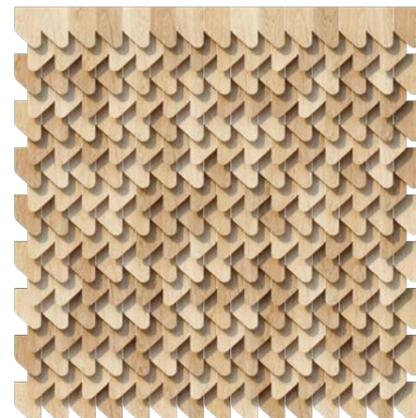
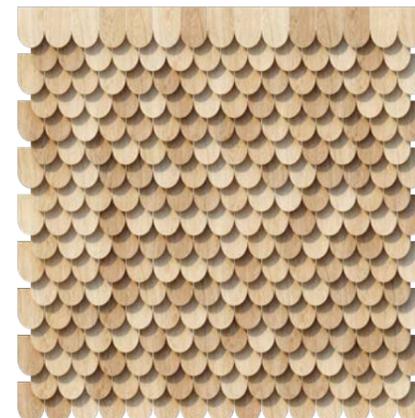
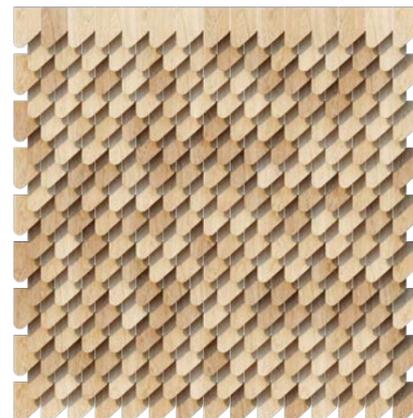
The shingled facades are offered in a variety of shapes, enabling inhabitants to express their individuality through a shared textural palette. Shingles are natural, affordable and in-keeping as a rural material. These are easily installed in pre-set angle options, which in turn control the openness and transparency across facades.

The longhouses will be arranged in close proximity forming a dense and vibrant community of courtyards and passages. The longhouses and their communal spaces are intended to promote communal responsibility and shared use, such as in the allotment gardens, general community planting, communal asset building and public green, with the latter also providing a draw for the wider village community.

The overall design of this modern longhouse follows in the footsteps of its historical predecessors in looking to create the most economical and flexible building that can house a variety of activities under one roof.



Courtyard View



Shingle Pattern Studies