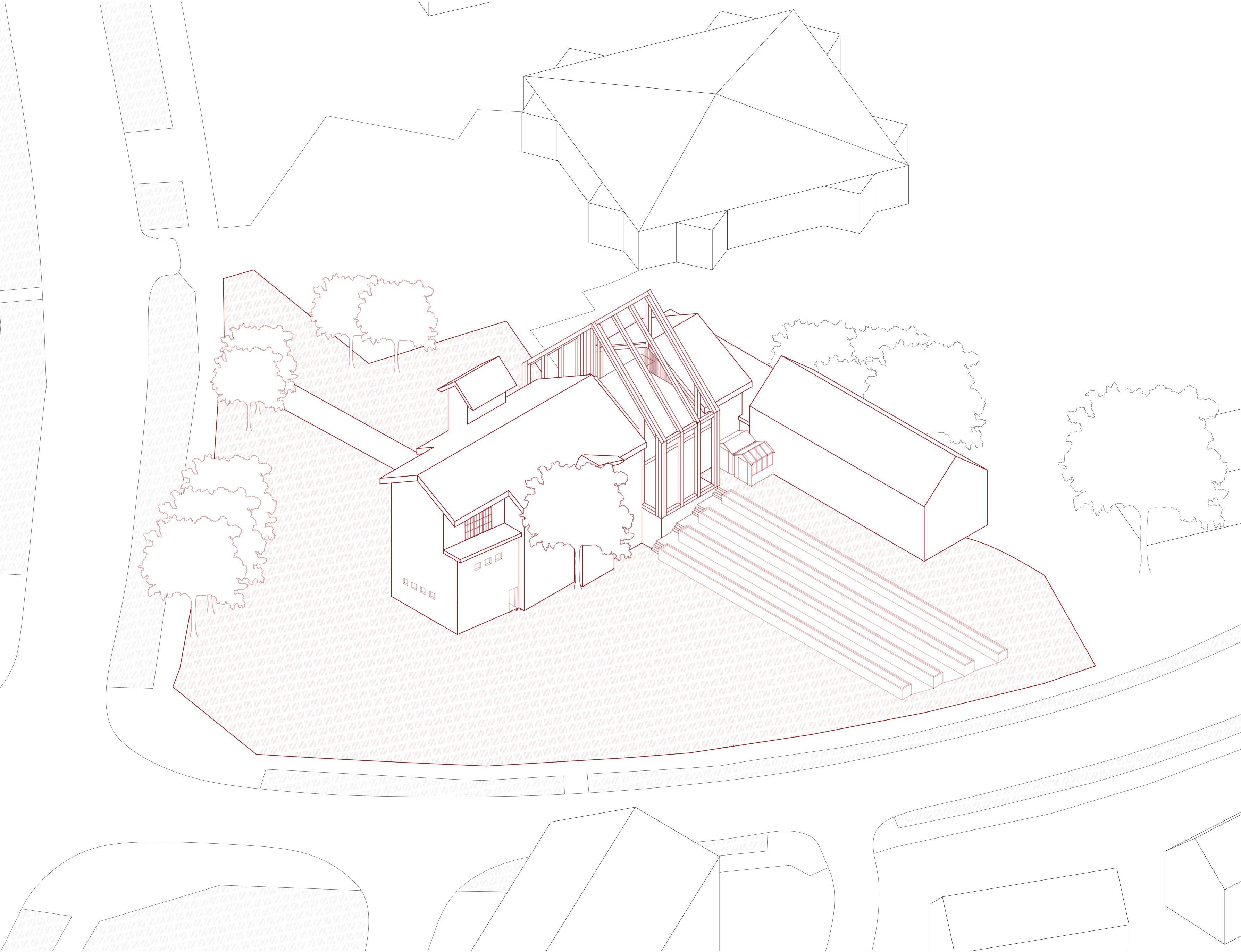


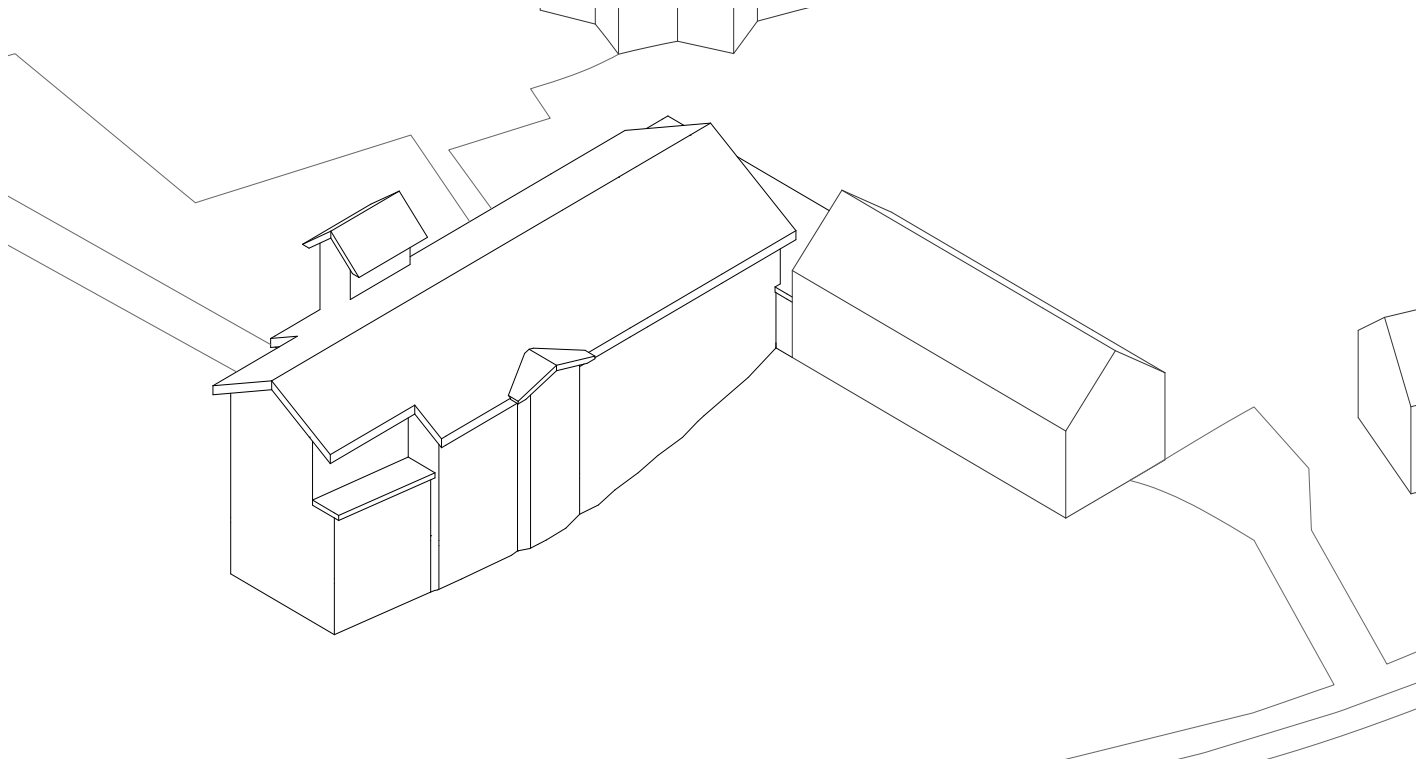
BY THE PEOPLE, FOR THE PEOPLE

Located in Seacroft, Leeds, this project creates a space for the community to use together, to provide for the surrounding area. In a time where the use of food banks is rapidly increasing, creating a sustainable way to provide food for future generations is important to ensure food security.

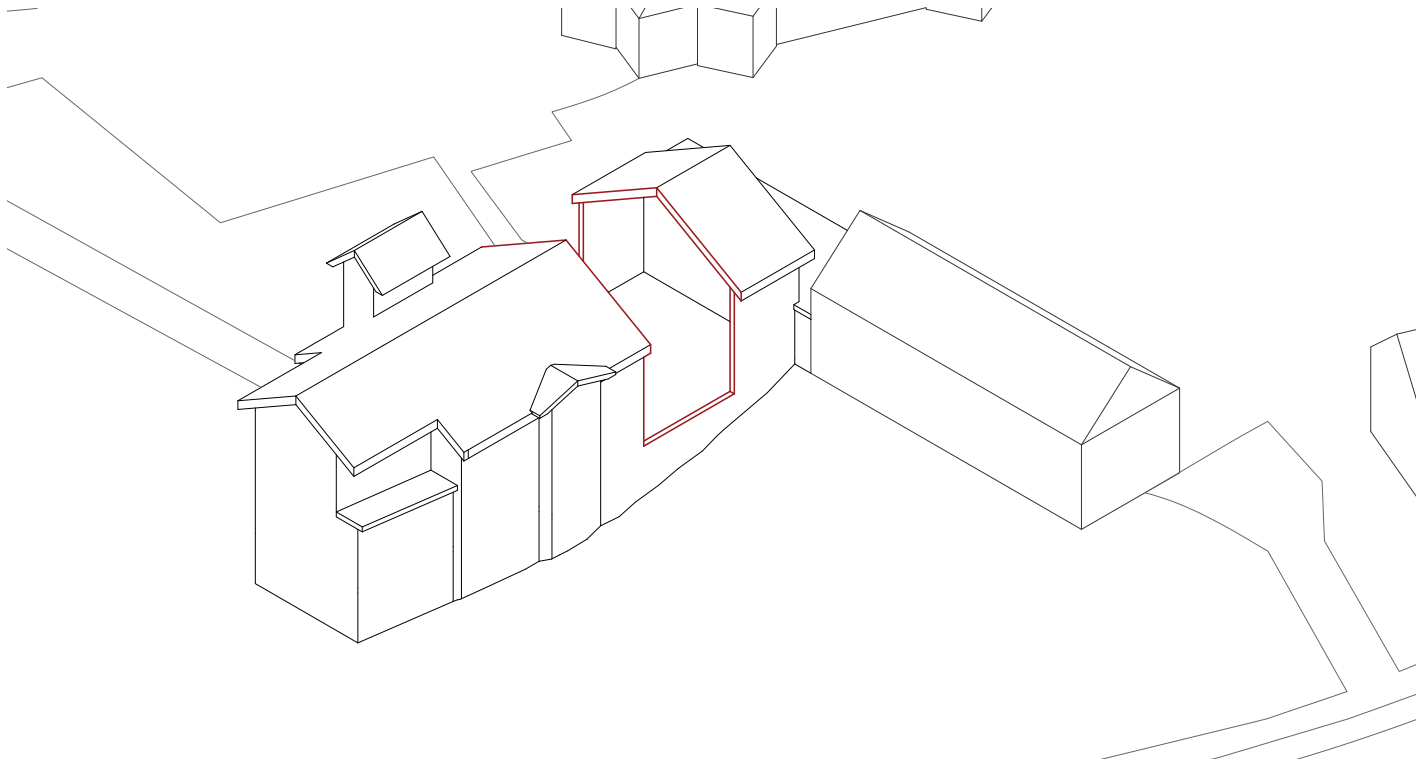
An outdoor allotment as well as a greenhouse offers food different conditions to grow in depending on their needs. This allows the church to provide a variety of fruits and vegetables to the community, giving people a range of nutrients in their meals. The church hall will be used both for sharing meals together and cooking them together. A kitchen space will allow for cooking lessons to be taught to the community, which can then be taken home and taught to families and friends.



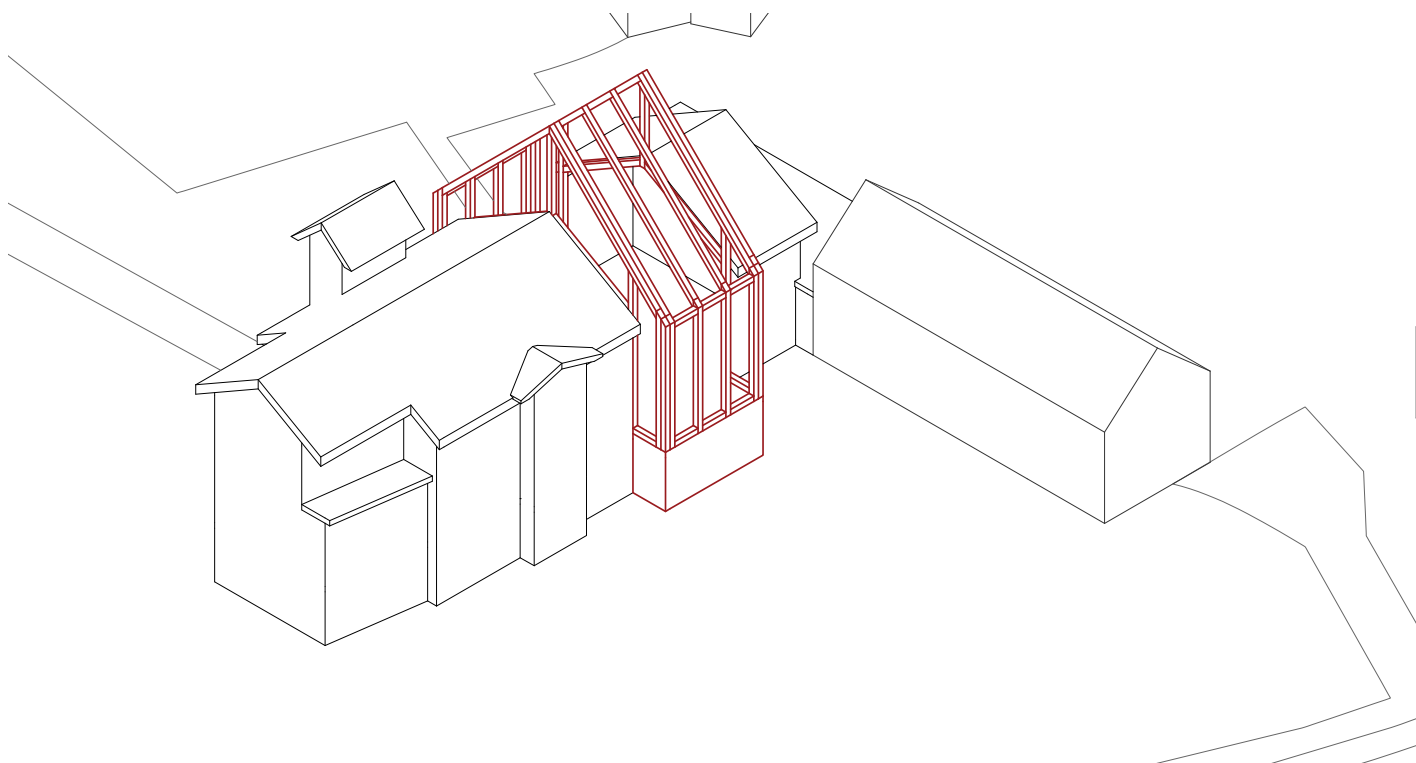
DESIGN DEVELOPMENT



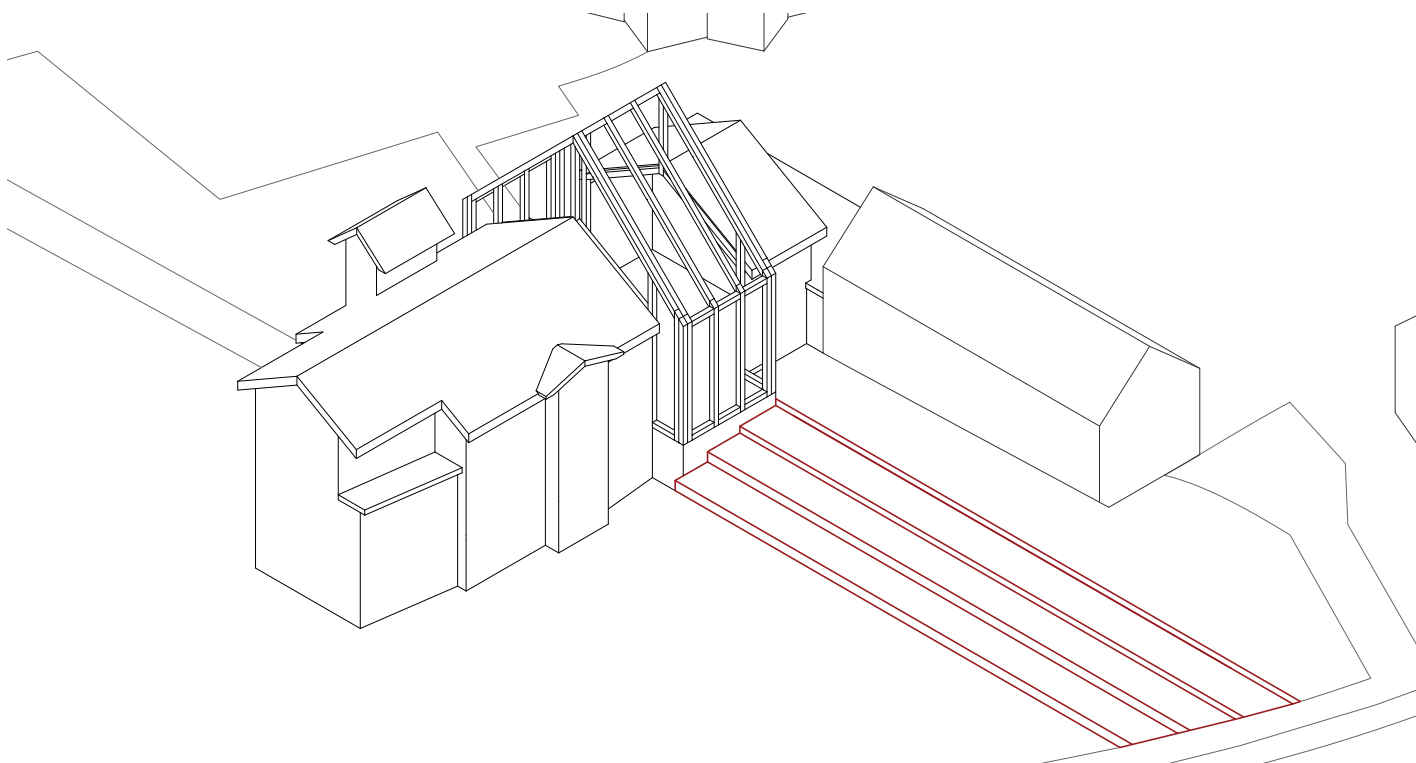
THE EXISTING SITE



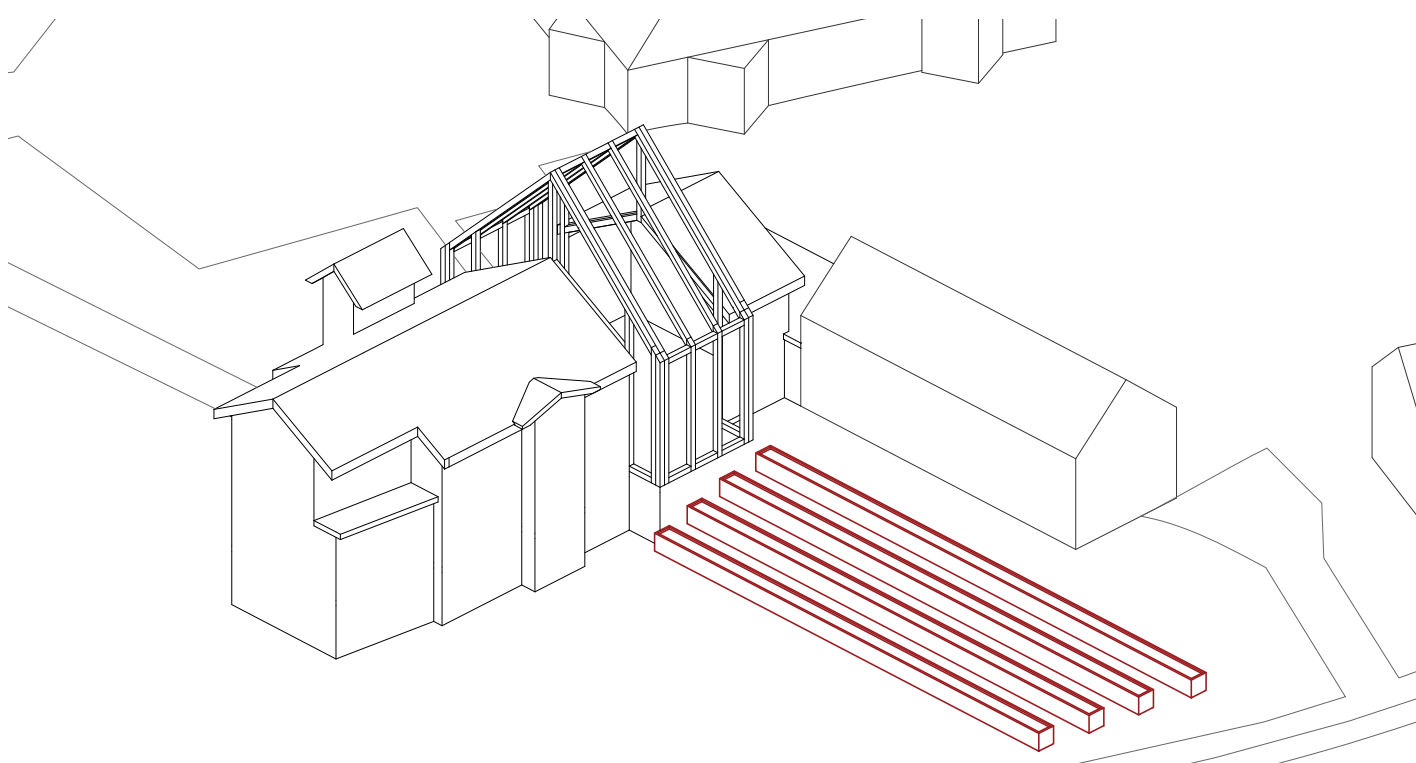
DEMOLITION



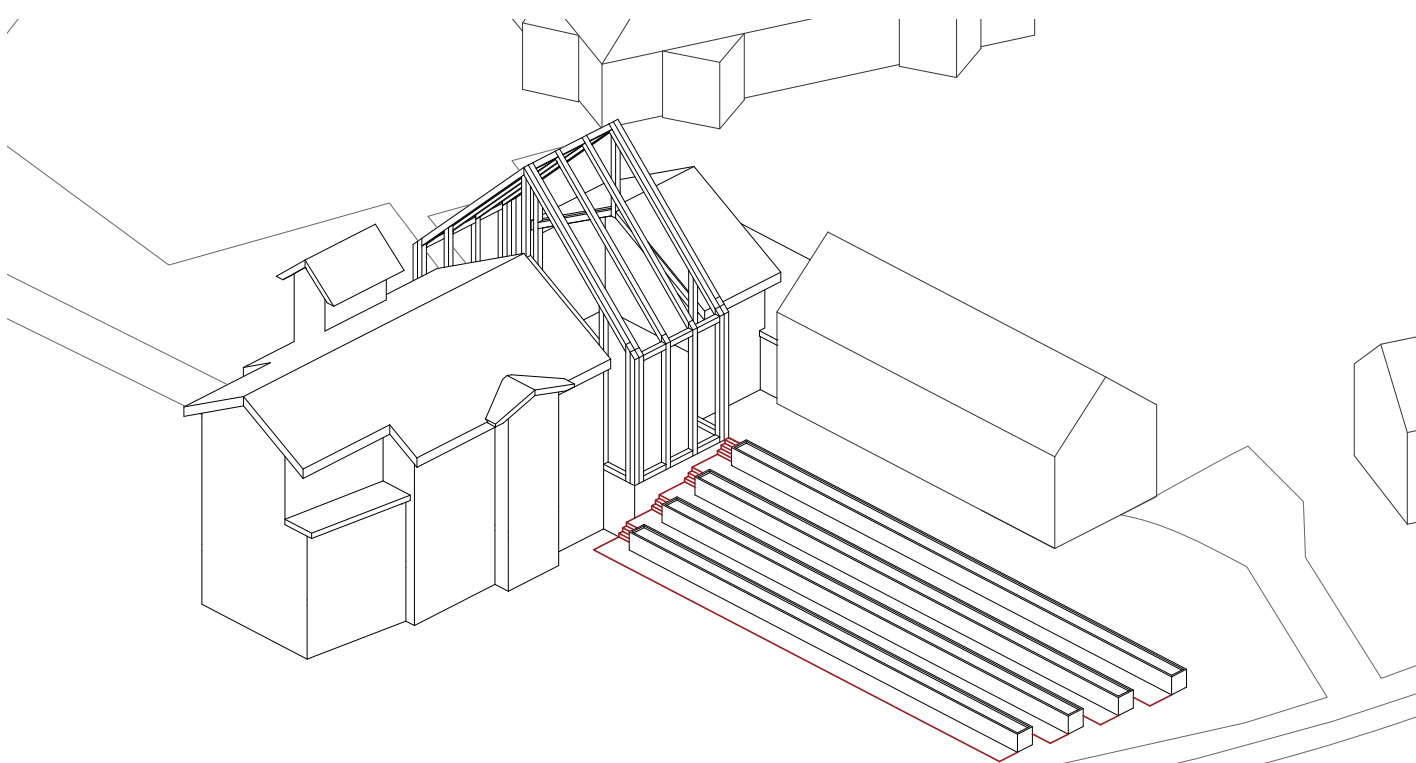
INTERVENTION



LANDSCAPING



PLANTING`



ACCESS

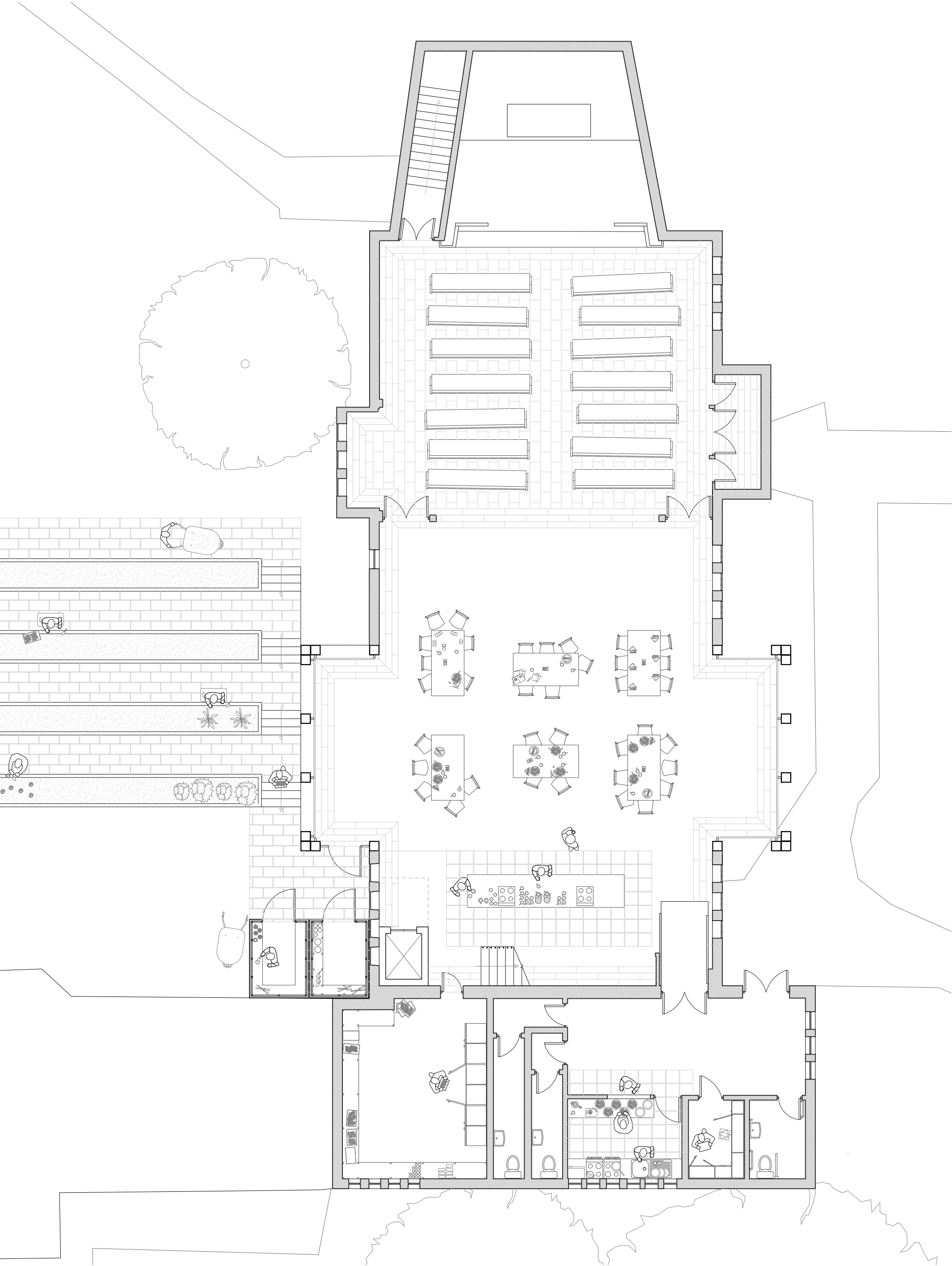
Creating a space for growth is important for the sustainability of St. Richard’s Church. By growing their own food, the community becomes more independent relying less on donations from other members of the surrounding community.

With a new roof needing to be installed to keep heat in, and water out, this gives the design an opportunity to install a greenhouse frame.

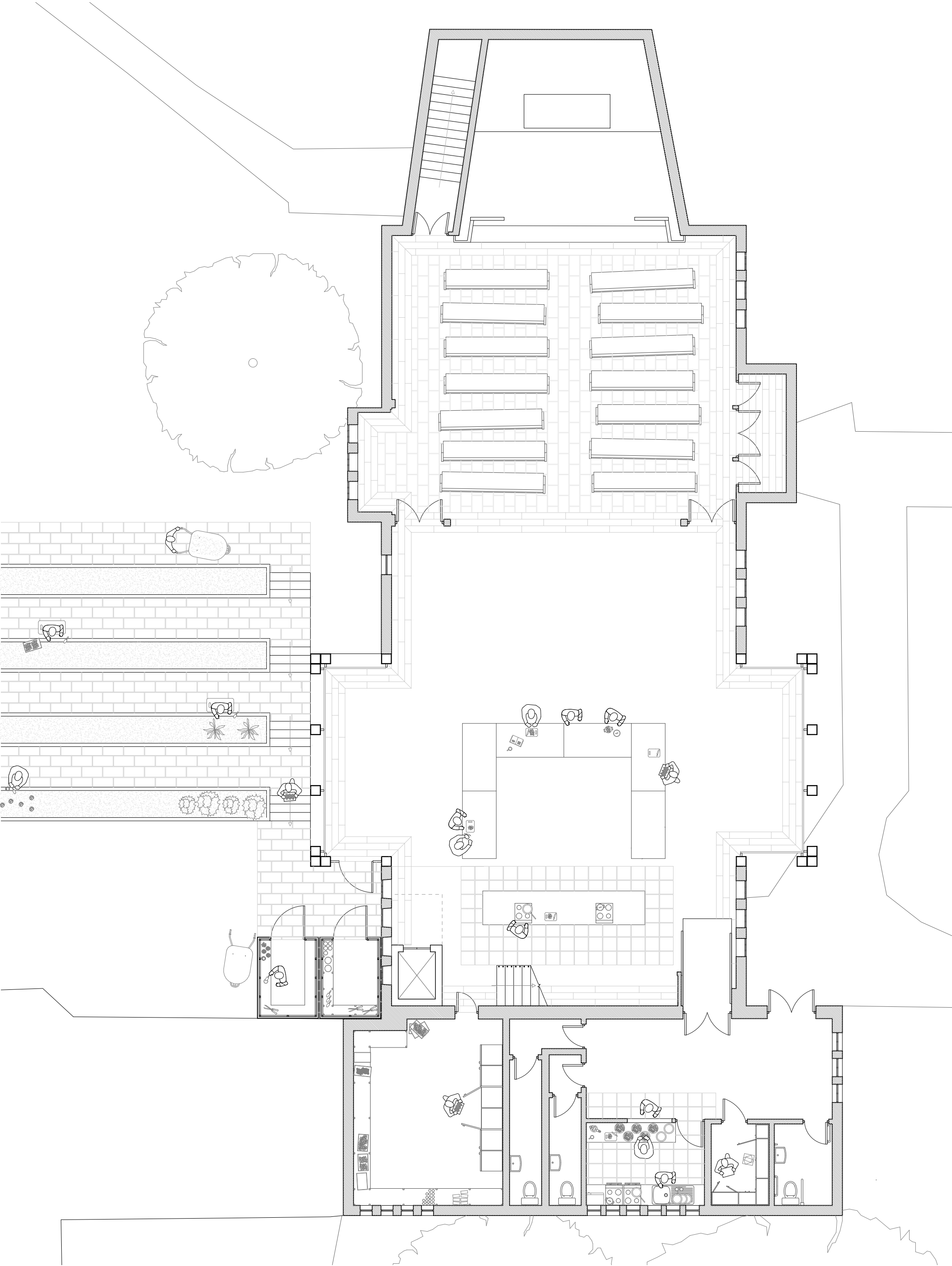
Outdoors, the raised beds work with the terrain, using terraced farming seen in countries such as as Spain and Italy. The raised beds allow for the terrain to remained sloped meaning it does not need to be altered as much.

After researching the benefits of different types of wood, cedar was chosen because of its durability against rot and insects making it suitable for the outdoors.

EXPLORING THE DESIGN

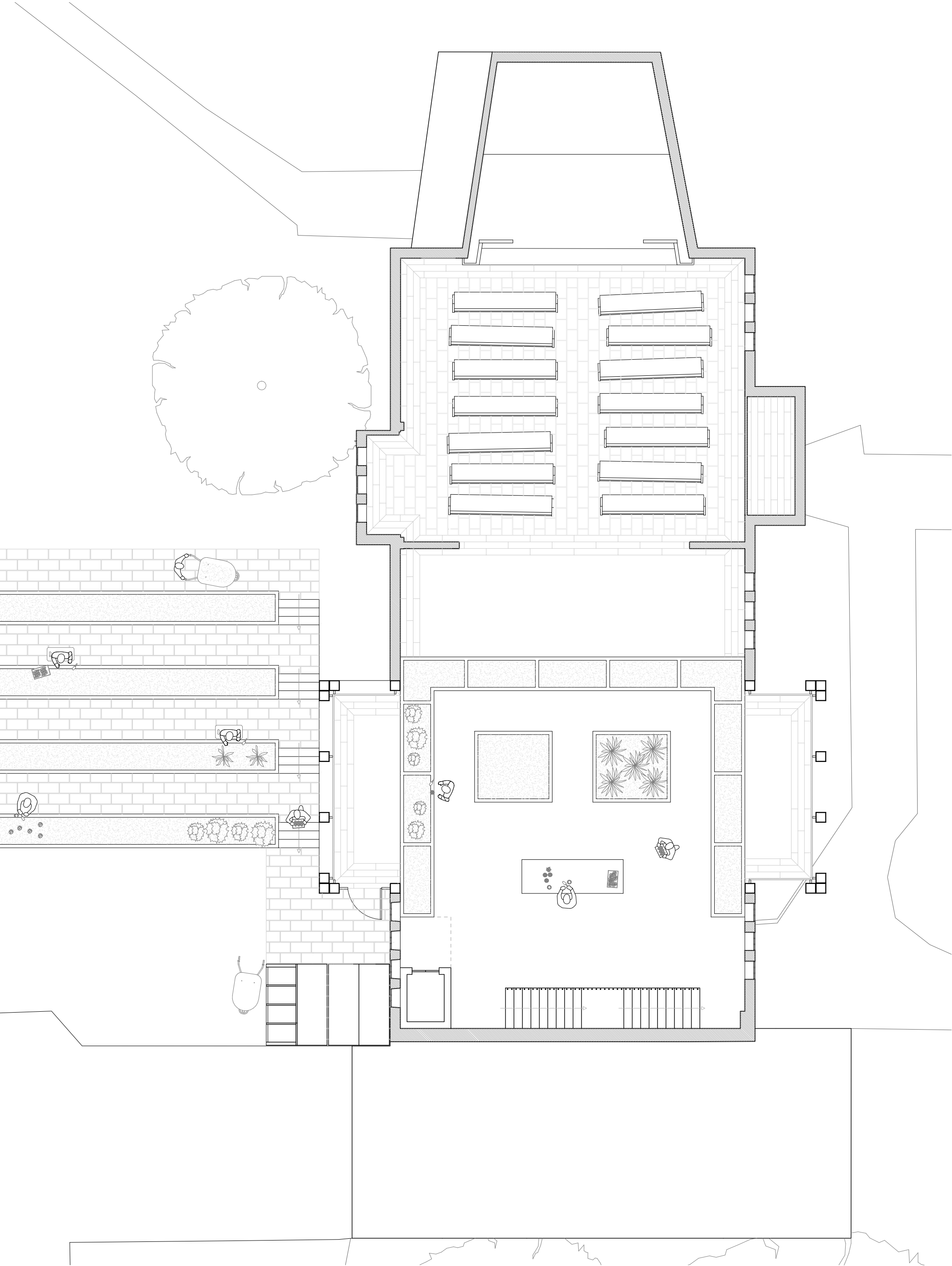


DESIGN PROPOSAL | 1:100 GROUND FLOOR PLAN 01 | COMMUNITY DINING SPACE

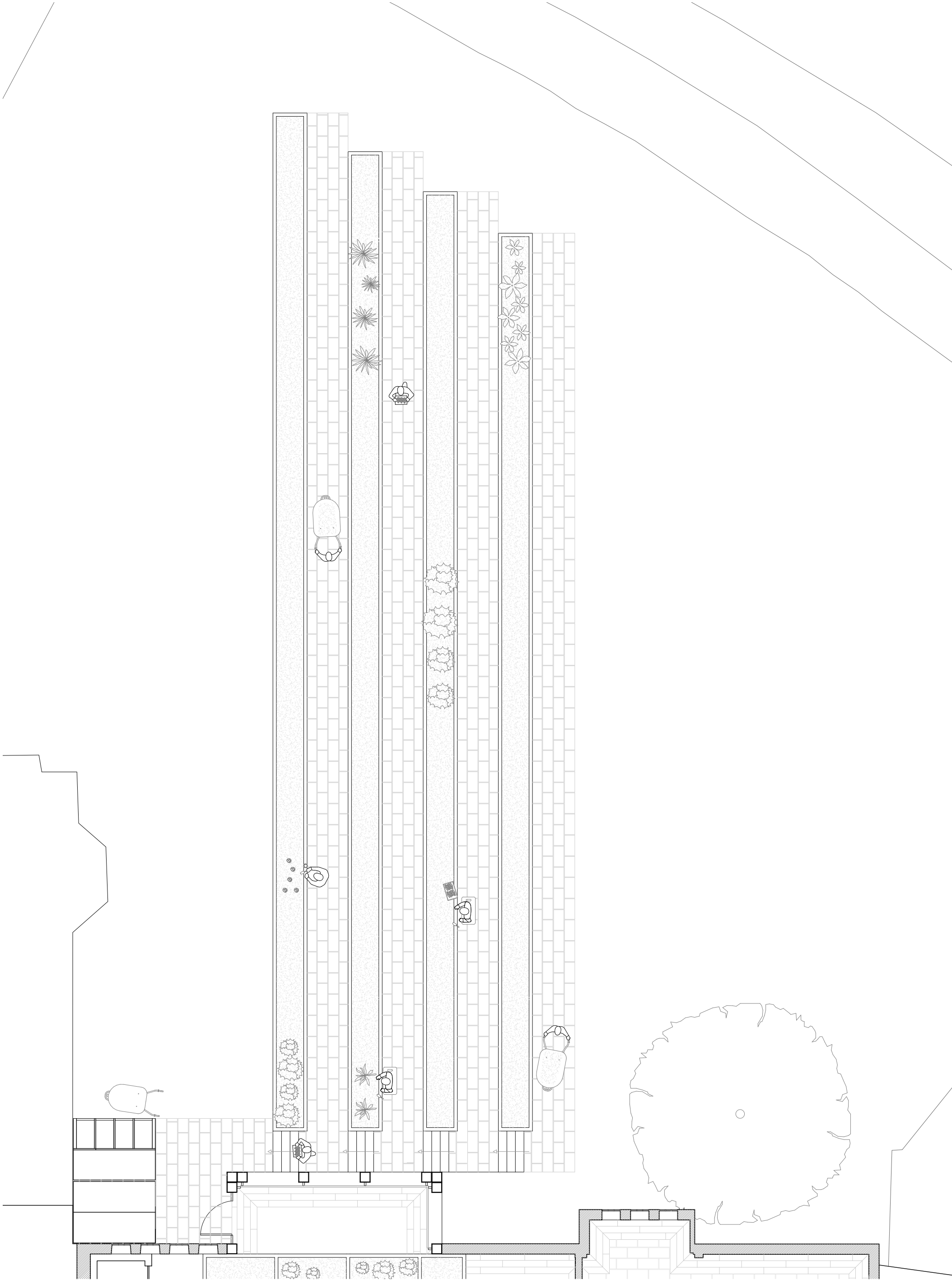


DESIGN PROPOSAL | 1:100 GROUND FLOOR PLAN 02 | COMMUNITY TEACHING SPACE

EXPLORING THE DESIGN

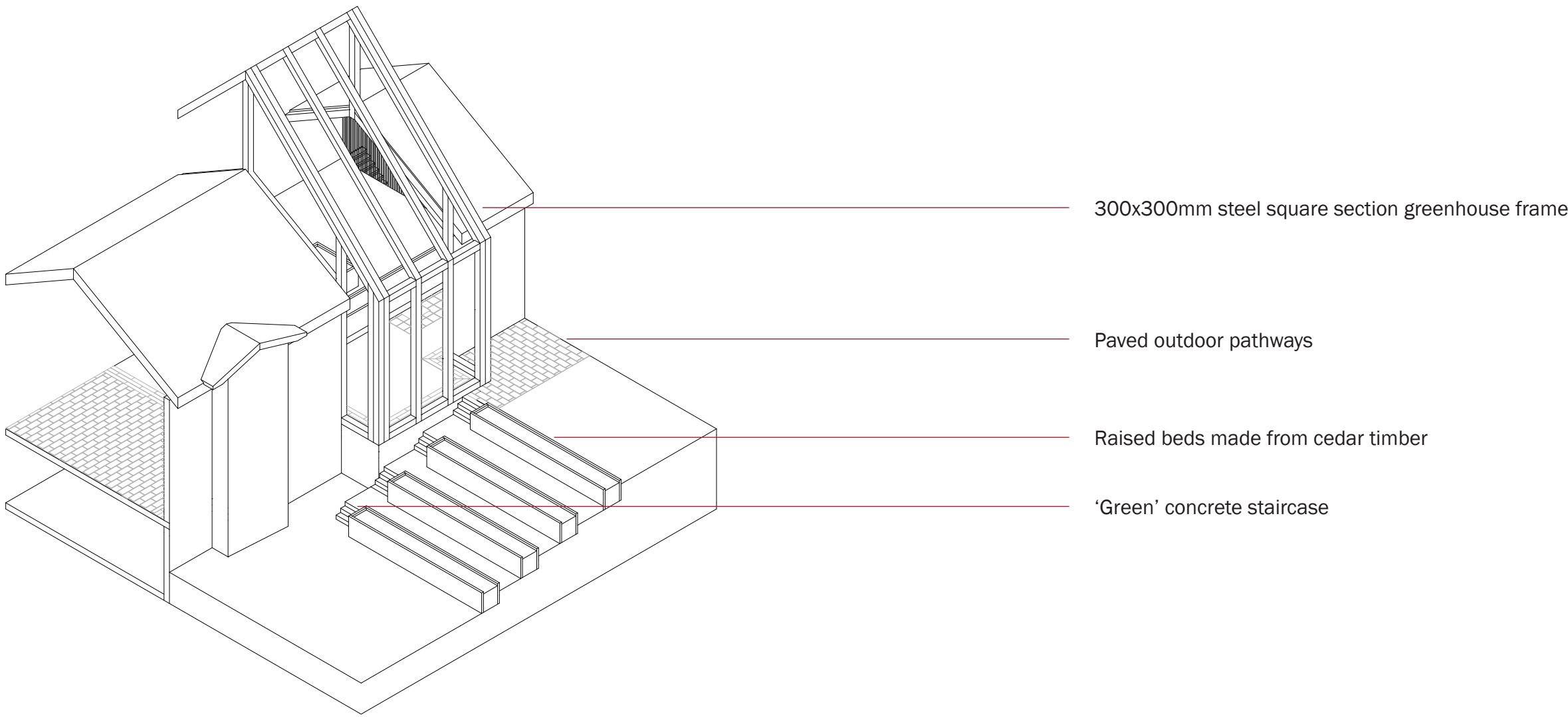


DESIGN PROPOSAL | 1:100 MEZZANINE FLOOR PLAN | INDOOR GROWING SPACE



DESIGN PROPOSAL | 1:100 OUTDOOR ALLOTMENT | OUTDOOR GROWING SPACE

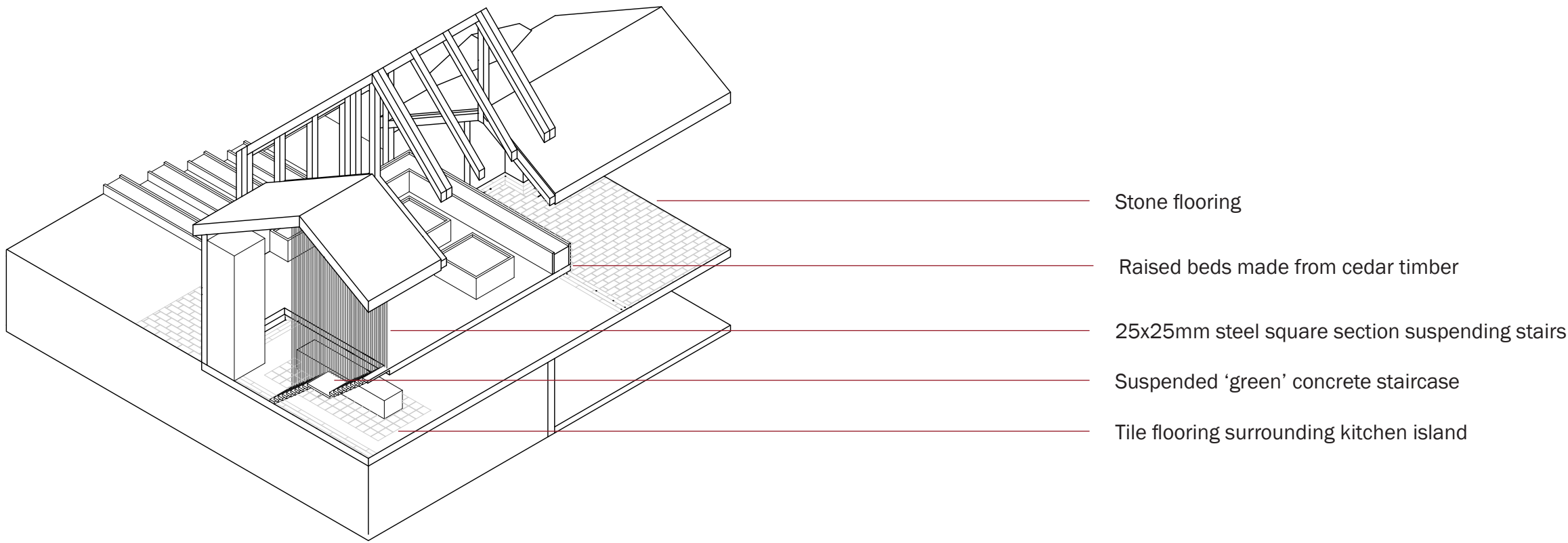
FRAGMENT OF DESIGN PROPOSAL



The greenhouse frame will be made from stainless steel square bars that will provide the structure with support. They will be 300x300mm in depth and width to ensure they are strong enough to hold toughened glass. The glass will be toughened meaning it will be 12mm thick allowing light in as well as keeping the heat in. This will help heat up the church's interior.

Due to the terrain surrounding St. Richard's church, the raised beds located outdoors will need to fit with the hills. It is very common for a terrace approach to be used on steep hills in countries such as Italy and Spain. Although the hillsides are much steeper the approach will be the same and can be used on smaller hills at a smaller scale. This allows the design to fit to the landscape and reduce any unnecessary changes.

FRAGMENT DESIGN PROPOSAL | MATERIALITY | 1:200 AXONOMETRIC OF DESIGN PROPOSAL



The mezzanine will be made from concrete to create a sturdy platform for the raised beds to sit on. It can be accessed via lift and by stairs and will be placed underneath the greenhouse roof to give the plants best chance to grow.

Cedar wood is the best option when creating raised beds because whilst is readily available and affordable, it also provided high resistance to insects and rotting. This means that the raised beds should last longer than if they were built using a different wood. Treating the wood as well can mean the raised beds could last up to a decade.

Raised beds should be between 750mm to 1000mm high to prove enough space for roots to grow as well as ensuring they are at an accessible height. 100mm edges around the beds gives you a small workspace to use when planting and harvesting crops.

FRAGMENT DESIGN PROPOSAL | MATERIALITY | 1:200 AXONOMETRIC OF DESIGN PROPOSAL