

# BIOHUB

## REIMAGINING GLASGOW'S INDUSTRIAL PAST THROUGH MODERN AND TRADITIONAL CRAFT

Biohub is a repurposed sawmill that introduces a craft and community centre within Glasgow's Finnieston area. It serves as a hub for schools, students and the wider art community. It's core 3 principles are grow, process, make.

There is a lack of non-commercial art spaces within Glasgow, especially those which focus on lost crafts within Scotland, which once would have served a large purpose.

It is important to bring these back to the communities as the principles of slow living are at their heart, and they address the ever-growing issue of overconsumption within our society.

By introducing modern craft into this too, innovative ways of making can help us to combine ideas and create new ways of making, mending, and crafting.

The workshops are open to all and host weekly sessions to encourage participation, with activities such as:

- Flax to linen processing
- Flower drying to make pigments
- Willow weaving
- Mycelium growing for packaging
- Paper making
- Plant propagation

# GROW

# PROCESS

# MAKE

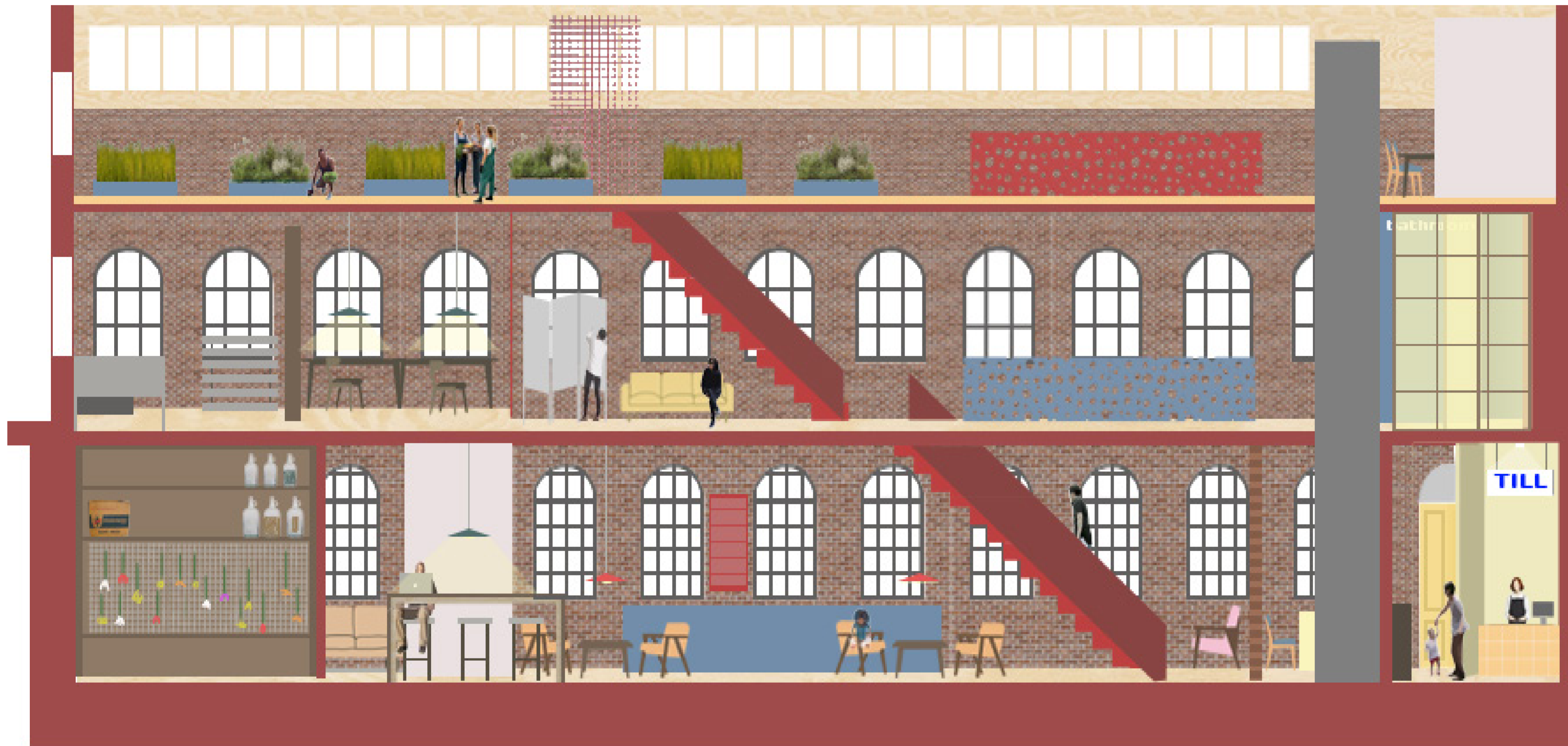


concept visual for biohub

## THE SITE: **WILLIAM COOK & SONS**



# A MULTI-USE BUILDING...



**loft**  
grow area, staff room

**first floor**  
papermaking, painting,  
flax to linen processing,  
information area,  
learning wing

**ground floor**  
pigment making, willow  
weaving, cafe, giftshop,  
outdoor community area

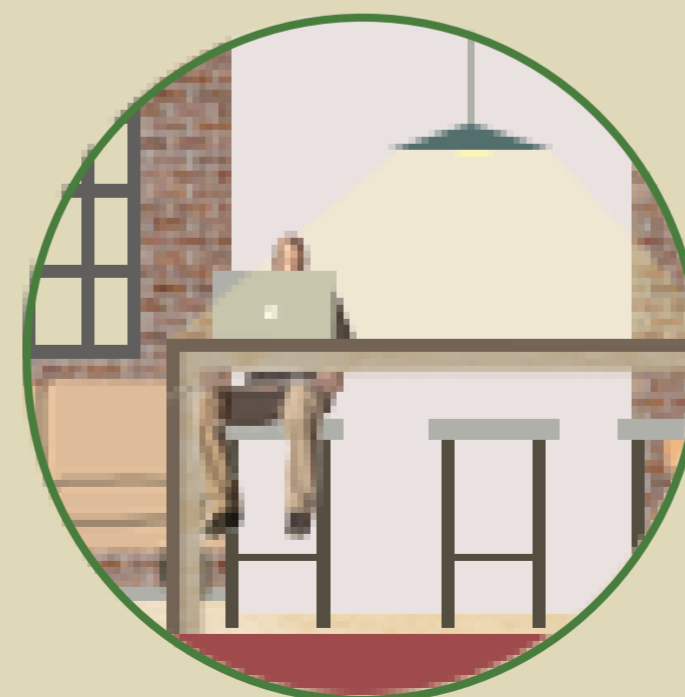
originally 1:50 north elevation

The elevation depicts what else can be done within Biohub, other than the workshops, which makes it a community space as well as a creative centre.

There are three areas which are highlighted, particularly as they make use of the large space in a non-creative way. Firstly, the community workshop area, which is multi-use, and doubles as a “work-from-home” style space.

Then, the information area which can be used for small scale exhibitions, bulletins, or general community issues.

And the giftshop which will sell products made in the workshops, and some local Glasgow-based sellers.



# MATERIALITY & MEANING

The transition from winter into spring inspired my colour palette for this design quite heavily.

I walked around the Claypits Nature Reserve in Glasgow to see what colours and textures I could see in the middle of February.

The hope that the changing of the seasons bring, especially in Scotland is very visceral, and I wanted to bring that feeling into the interior in a tactile, yet subtle way.

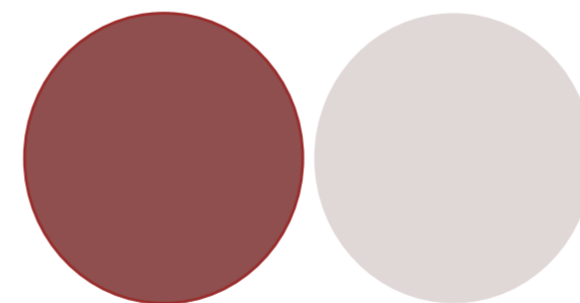
Then I began looking at materiality, following through from this, being particularly fascinated with translucent materials, particularly rice paper and washi paper doors.



render of learning wing



images taken by me from claypits nature reserve



The learning wing is a key area of Biohub as it creates a space where children can learn and play freely, in a more controlled and quiet environment.

This area of Finnieston has 4 primary schools within close proximity, which means that this area was entirely necessary within the design in order to facilitate the visiting of schools.

It allows them to have access to the facilities in the building in a safe manner, and acts as a multi-use area depending on the needs of the children.

# LEARNING WING

## giftshop



## flax to linen workshop



The digital renders allow you to visualise the pathway that a visitor would take upon their entry to Biohub. From entering, browsing in the giftshop, before heading upstairs to attend a flax processing workshop, and then going upstairs to the grow space.

# DIGITAL RENDERS

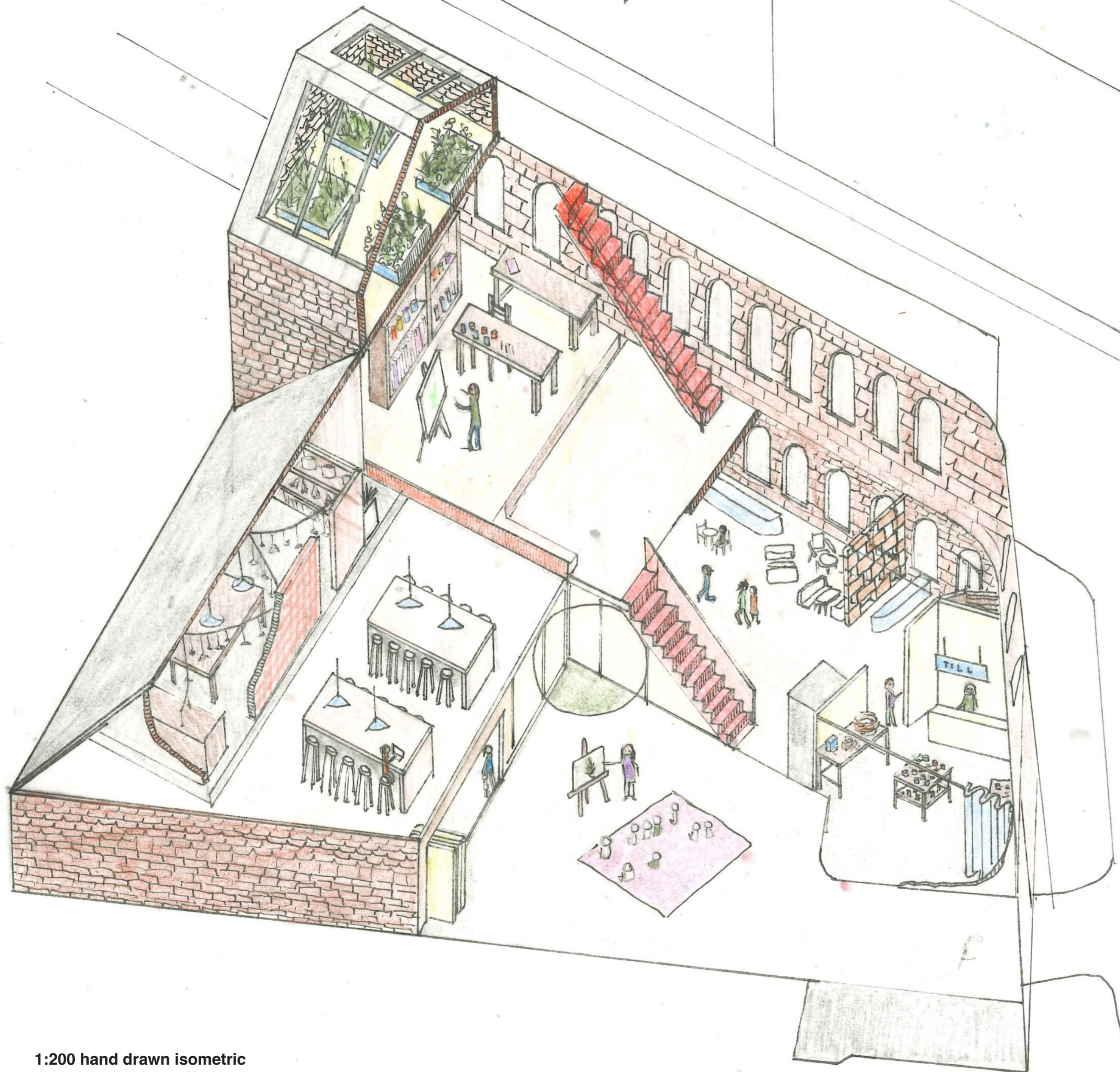
## Possible visitor pathway



## grow space



# PHYSICAL OUTCOMES



1:200 hand drawn isometric



## ZINE FOR VISITORS

Creating a zine was to assist any newcomers to the building, to serve as a tactile, and environmentally friendly way of navigating.

Printed on recycled paper, it provides users with an understanding of the uses of the building, and also the manifesto that was written at the beginning of the design process to have a basis of the principle I wanted the design to serve.

