# DOMUSDEI

### Cultivating Futures...

REBECCA MASSER

### BACKGROUND

Portsmouth, one of the UK's most densely populated cities, faces significant challenges for its vulnerable youth, including limited green space and high rates of antisocial behaviour. Environmental psychology suggests that exposing young adults to natural environments can reduce antisocial tendencies. Combined with the need for alternative educational pathways amid a cost of living crisis and mental health struggles which can have a knock on effect for future generations, Cutlivating Futures hopes to shepard the way to preserving our future community.

### THE INITIATIVE

Cultivating Futures aims to transform Garrison Church into a dynamic community center, addressing these challenges through alternative learning spaces. By integrating urban farming practices and cooking workshops, the project provides hands-on education in sustainable horticulture and culinary arts.

### AIMS

To foster environmental stewardship and social unity, addressing food poverty while fostering community and belonging. Cultivating Futures hopes to provide a safe, engaging environment for Portsmouth's youth to learn, grow, and thrive.



LONG SECTION

VERTICAL INDOOR GARDEN SECTION 1:100

### CULTIVATING FUTURES AIMS TO FOSTER AND ENCOURAGE SOCIAL UNITY THROUGH A COMMON GOAL.

# ENVIRONMENT CONTRIBUTES TO THE ENVIRONMENT THROUGH URBAN FARMING AND RESPONSIBLE DESIGN. PRESERVING PORTSMOUTHS COMMUNITY ECONOMIC CULTIVATING FUTURES PROVIDES ECONOMIC OPPORTUNITIES TO THE COMMUNITY AND

YOUTH OF PORTSMOUTH

### ABOUT THE DEMOGRAPHIC

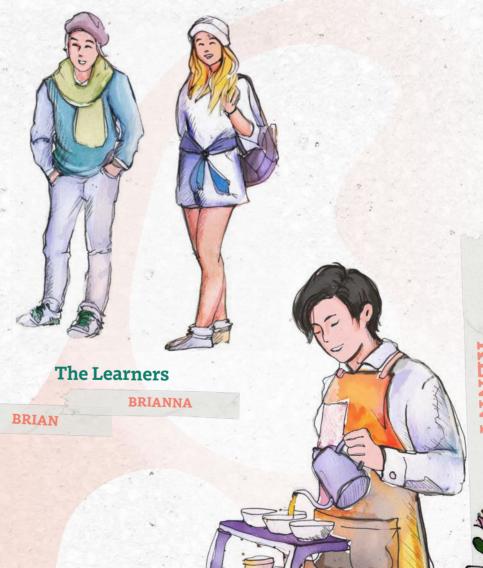
Aside from students, Portsmouth's young adults include residents who grew up in the city or relocated for a variety of reasons, including family or employment. They come from a variety of backgrounds, with diverse interests and goals. This demographic may face difficulties such as making the transition from education to employment, finding affordable housing, and having access to opportunities for personal and professional growth. Moreover, mental health issues, substance abuse, and social exclusion can affect some young adults in Portsmouth, just as they do in other cities.

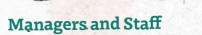
### **ABOUTTHE USERS**

From the dedicated caretaker handing down invaluable expertise to the dedicated staff overseeing activities to the eager learners treading new pathways, each persona plays a vital role in the collective growth and sustainability of Cultivating Futures.

Together, we cultivate a vibrant ecosystem where knowledge, support, and opportunity flow seamlessly, nurturing the potential of both individuals and the community as a whole.

The Caretaker





GROWTH

CAFE

GROWTH

(LO)

### CULTIVATING FUTURES

SHARED

EXPERIENCE

COMMUNITY

SPACE

### USER EXPERIENCE: FEEDING OUR MINDS

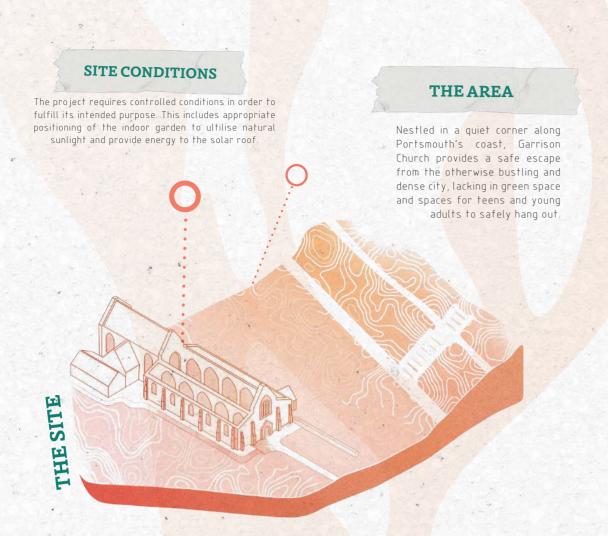
STORAGE AND STAFF AREA

CAFE

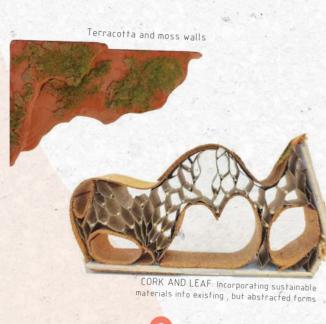
DINING HALL

Cultivating Future fosters curiosity and learning through observation and transparency. Pathways subtly guide users, integrating growing systems, the café, and cooking workshops. With minimal partitions, the space encourages free-roaming and thought-provoking experiences, ensuring a welcoming and inclusive environment for all.

# THIE JOURINEY Nave walls-Sand/ limestone MATERIALS AND DETAILS ON SITE less porous stone- used to create ingressed details









### THE DEVELOPED CONCEPT

**FLOORPLANS** 

"Roots" has several meanings in this project. They represent the foundation of a community, the actual roots of plants, and the paths they produce. Roots grow deeper and stronger as they mature, symbolising the gradual building of communal relationships and the skills learned within the various workshops. This notion emphasises the necessity of laying a firm foundation for Portsmouth's adolescents by encouraging resilience and growth.

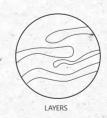








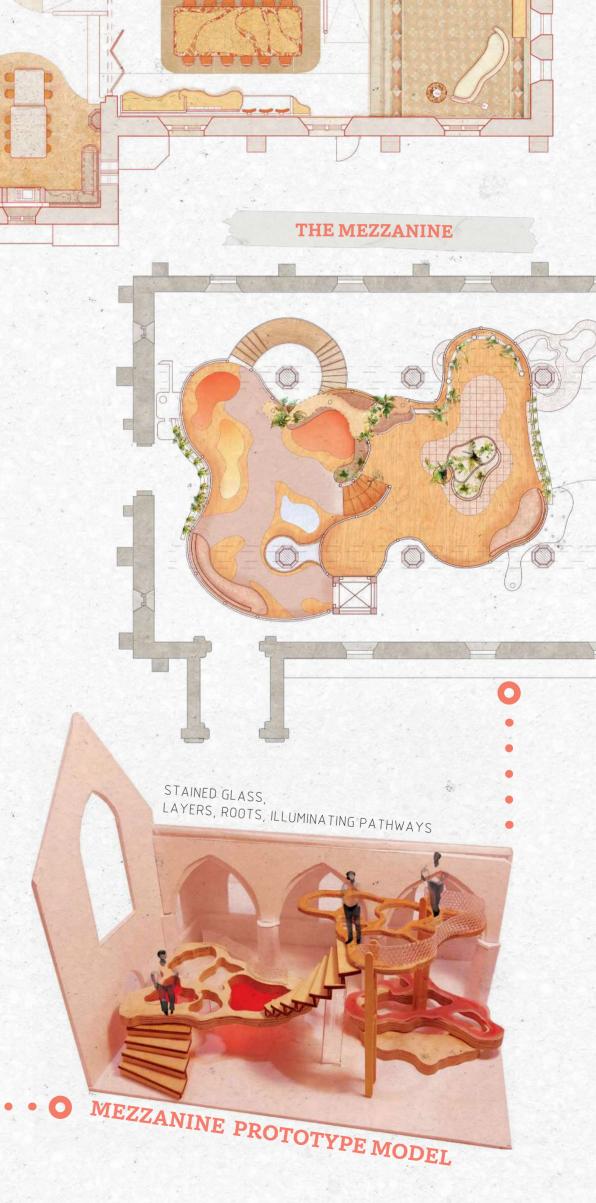




REFINED CONCEPT MODEL



This concept model, inspired by roots and constructed with a wire mesh, woven copper wires, and clay, mimics the terracotta materials found on site. It was pivotal in developing the final design by providing a foundation for the mezzanine prototype.

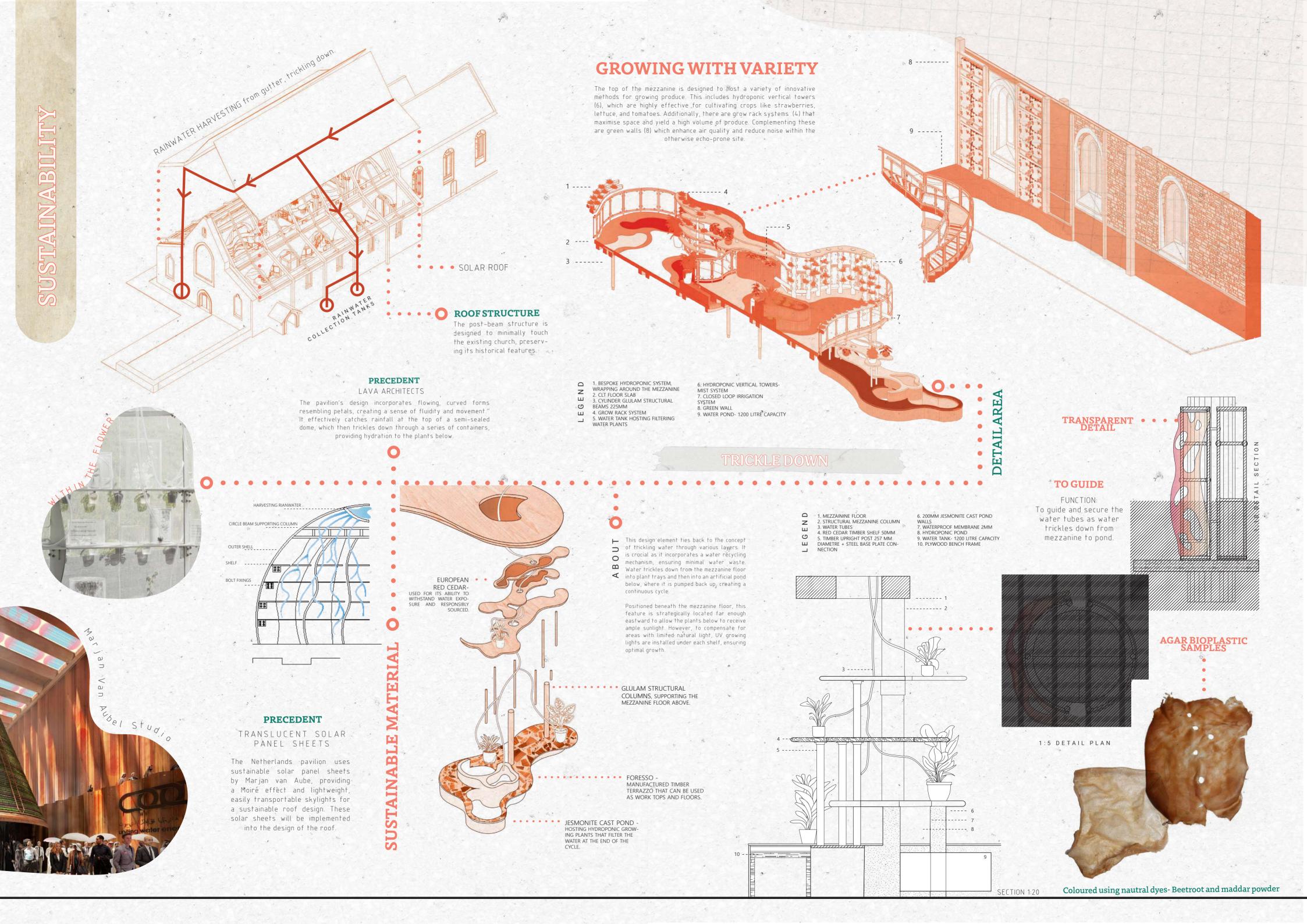
















LONG SECTION 1:50

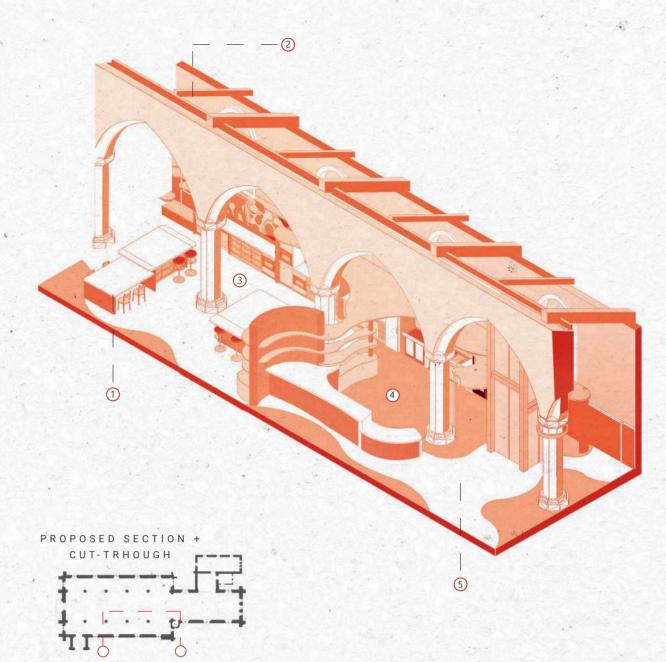
### **DINING AND RECREATION**

The Dining Room, located in the Choir and Sanctuary of the church, serves as the community's central hub, celebrating efforts from planting to cooking. Designed to evoke togetherness, playfulness, safety, and serenity, it balances practicality with respect for the church's historical Victorian tiles. The minimal design contrasts with the bustling Nave, creating a welcoming environment.

## Workshop + Cafe

The workshop area is a dynamic space designed to foster active learning and interaction with the broader community. As this community grows, so do the skills acquired through the workshops hosted here. The space is thoughtfully designed with practicality in mind, equipped with all necessary utilities and equipment to support both the café and kitchen workshops.

In this workshop kitchen, volunteers teach young adults how to cook with the produce they have grown on site, providing valuable hands-on experience. When workshops are not in session, the space doubles as additional seating for the café, accommodating more customers throughout the day. Ultimately supporting the Cultivating Futures initiative.







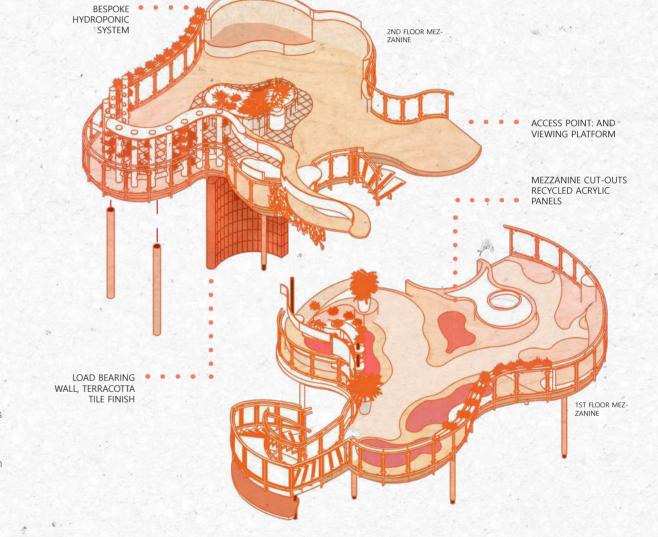
The mezzanine is a key feature within Cultivating Futures, representing the project's potential and growth. It is meticulously designed to weave around the existing structure of the Garrison Church, leaving little impact on the historical site while preserving its rich heritage.

This thoughtfully designed mezzanine leads visitors through twisting and turning pathways, creating a meaningful journey that sparks the learners' curiosity at each turn. Visitors to the mezzanine engage in passive learning through observation, supporting the project's hands-on workshops.





This model encapsulates the essence of the concepts explored throughout "Cultivating Futures", from roots to layers. A pivotal design element is the mezzanine floor, which features glass cut-outs that illuminate the space below, casting vibrant, coloured light and creating dynamic impressions on the path beneath. This illuminated mezzanine represents a transformative moment in the project, shifting from initially organic and sculptural ideas symbolising growth enveloping the site to a design that balances practicality with a sense of wonder, not only capturing the beauty of the design intervention, but weaving and connecting these experiences with Garrison Church.



PERSPECTIVE RENDER- FIRST FLOOR Mezzanine





