



architecture
PORTFOLIO

Selected works

Hal Rowlinson

Curriculum Vitae - Hal Rowlinson

Personal profile

Seeking to work in a design based role, with a focus related to; architecture, built environment, construction, or manufacturing.

Hardworking and conscientious, with a preference for a group-orientated, community facing work environment.



Employment

- Workshop and General Assistant, Thorpes of Gosforth. November 2022 - December 2025
Principal responsibilities include being the lead organiser for engraving, sign-making, CNC machinery, etc. In addition to other responsibilities such as liaising with suppliers, customer service, marketing, and social media.
- Kitchen Assistant, Harriet's Tearooms, Cambridge. 2019.
Made very, very good scones.

Education

- BA (Hons) Architecture at Northumbria University, Newcastle. September 2019 - August 2022.
- 3 A-Levels, including:
Business - A, Maths - B. Physics - C.*
- 8 GCSEs A* - C, including English & Maths.
- Level 2 Diploma in Business.

Work Experience

- Collaborated with the Magic Hat Cafe - a local food waste charity
This was as part of a project in 3rd year architecture. The brief was to create a centre for recycling a material in an environmentally conscious way. I used the Magic Hat Cafe as a live client to develop a scheme for a food waste restaurant/education complex.
- Collaborated on proposals for urban regeneration of the Sandy Row, Belfast. As part of Belfast Street Society.
- Architectural Intern (distance), Set Square Bournemouth. 2019.

Interests

- Completed the Camino de Santiago Pilgrimage.
600 mile solo walk, along the Via Frances. Beginning at St. Jean, France, to Fisterra, Spain, via Sainantiago de Compostela.
- Rock Climbing (Bouldering) at Sports Grade 7a.
- Woodworking, carpentry, and model-making;
With a particular interest in architectural model-making.

Contact Details

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Walbottle, Newcastle-upon-Tyne. NE15 8JQ.

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References: 1) Most recent employer
2) Senior Lecturer

Contact Details available upon request.

Skills

Advanced: AutoCAD
Adobe Photoshop
Architectural Model Making
Microsoft Office

Developed: Adobe Indesign
Adobe Illustrator
Drawing and Hand Graphics
Rhinoceros 3D

General: Revit
Sketchup

CONTENTS

DEX Garage Hanging Gardens of Newcastle

Pages (4-13) 3rd Year University project to design a centre for recycling a specific material, using the structure of the DEX Garage (now demolished)

This project was developed out of a collaboration with a live client (The Magic Hat Cafe) to propose a food waste centre and urban garden in central Newcastle.

Paddy Freeman's Community Centre

Pages (14-15) Site Plan of a project for a proposed community centre located at Paddy Freeman's Park.

Additional Selection of Architectural Models

Pages (16-17) Examples of architectural models made as part of the design process of miscellaneous projects.

Hanging Gardens of Newcastle

Designing a food-waste recycling centre in the heart of Newcastle, in collaboration with the Magic Hat Cafe.

- Rooftop bar and [a] garden.
- Classes area. [b]
- Restaurant outdoor [c] seating.
- Staff break area. [d]
- Kitchen, with [e] capacity for classes.
- Services. [f]
- Staff break area. [g]
- Delivery and [h] logistics area.



1:100



Sectional Perspective



Hanging Gardens of Newcastle - Development

Investigation of Magic Hat Business Model

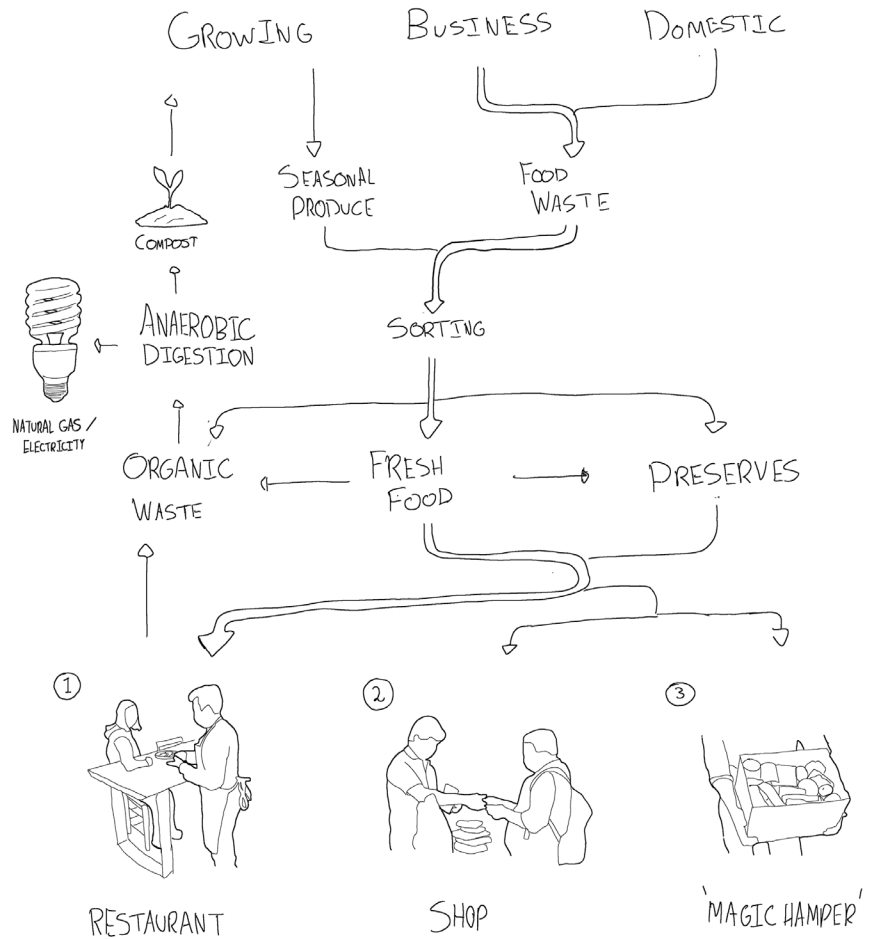
The design seeks to place itself within Newcastle City Council's objectives to pedestrianise the area around New Bridge Street, encouraging the centre of the city as somewhere that people can go for recreation both during the working day, and at night. Reserving a portion of land to act as a green lungs for the inner city.

At the beginning of the project, the outline was to research the potential of reusing a delapidated car park, and transforming it into a building which recycled a form of material.

From the beginning, the intention was to recycle a material that would have a benefit not just environmentally, but also socially, and in a way that would visibly improve the city of Newcastle.

Newcastle as a city does have green space, however because of the way it is distributed, it is difficult for people in the city centre to quickly reach an area with green space. A project which added a green space for public inhabitation was a high priority.

These two objectives overlapped into food, a fundamental resource which gets overlooked too often for the large impact it has on wellbeing and productivity. Growing seasonal food on site would have a benefit for the business model, and contribute greenery to the public realm.



STRENGTHS

- Central Location
- Frame intact
- Large floor area
- Historic background
- Small green space
- Existing utilities for large vehicles

WEAKNESSES

- State of direpair
- Next to heavy traffic
- Limit light in areas
- Large amount of a single material
- Limited pedestrian access
- Poor air quality

OPPORTUNITIES

- Floorplate can be removed
- Parts of wall can be removed
- Located in an area with pedestrian potential
- Double Height spaces
- Transportation links
- Water collection

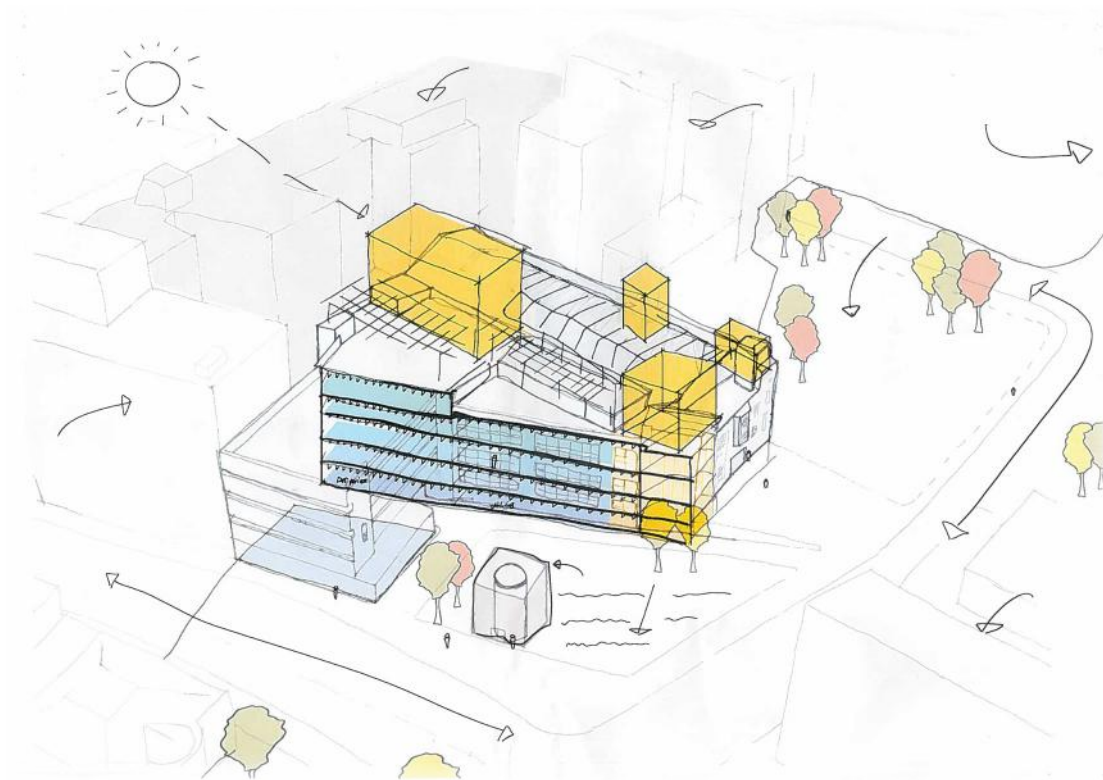
THREATS

- Asbestos in the building
- May be avoided for hygiene reasons
- Metro Air filter
- STACK (A competitor)
- Development
- Current drug use

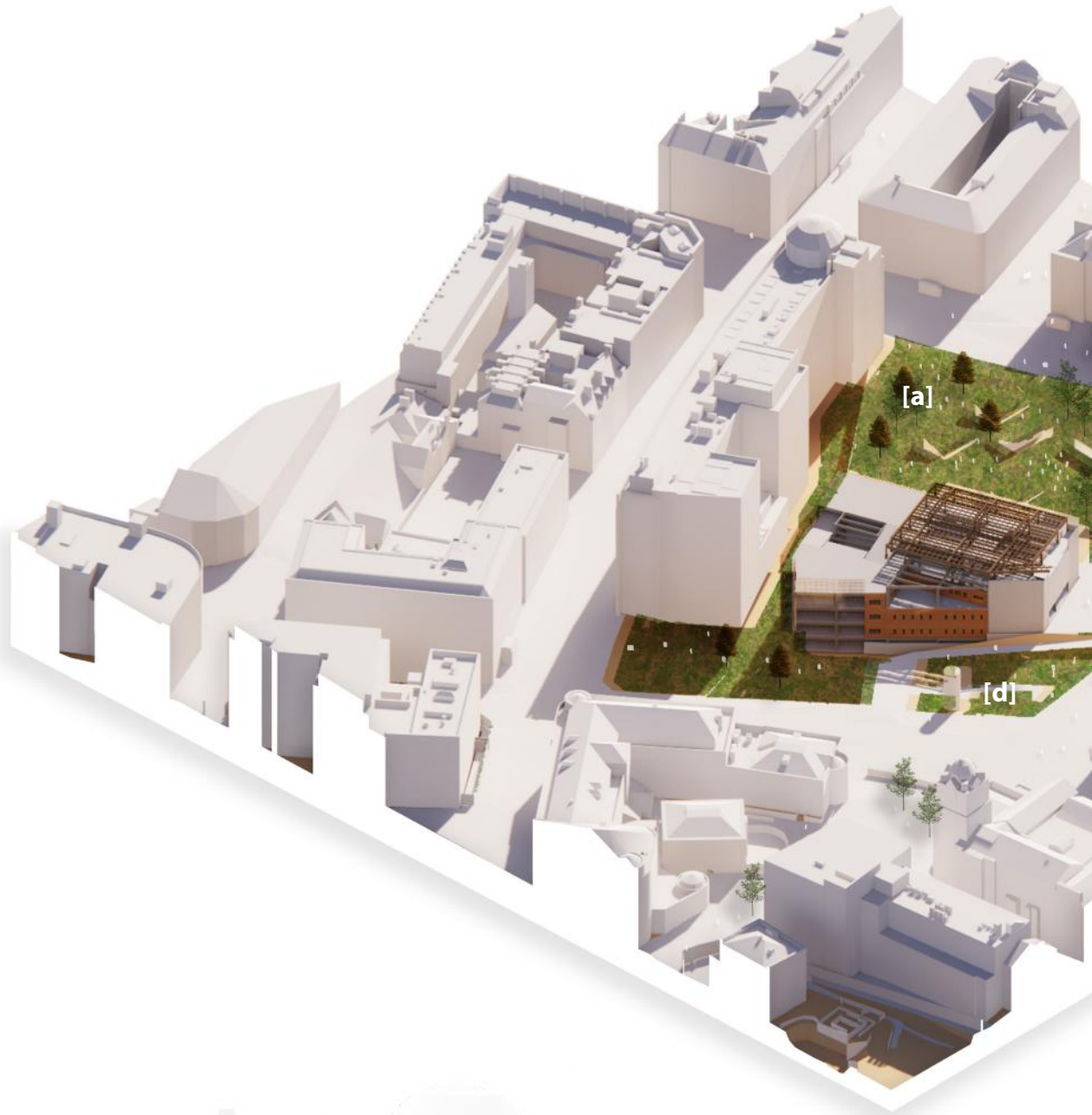


Sketch Plan of Local Landmarks

Environmental Sketch of Site



Hanging Gardens of Newcastle - Site Resolution





- [a] The former YMCA Building is demolished.
- [b] The former 'Stack' becomes a part forest / open park, with vendors installed in the landscape.
- [c] The former Pearl building is demolished, and park amenities placed here.
- [d] Open area of the Blue Carpet is extended through to the Monument.
- [e] Buses and other public transport are rerouted onto John Dobson St.



1:1000



Site Isometric

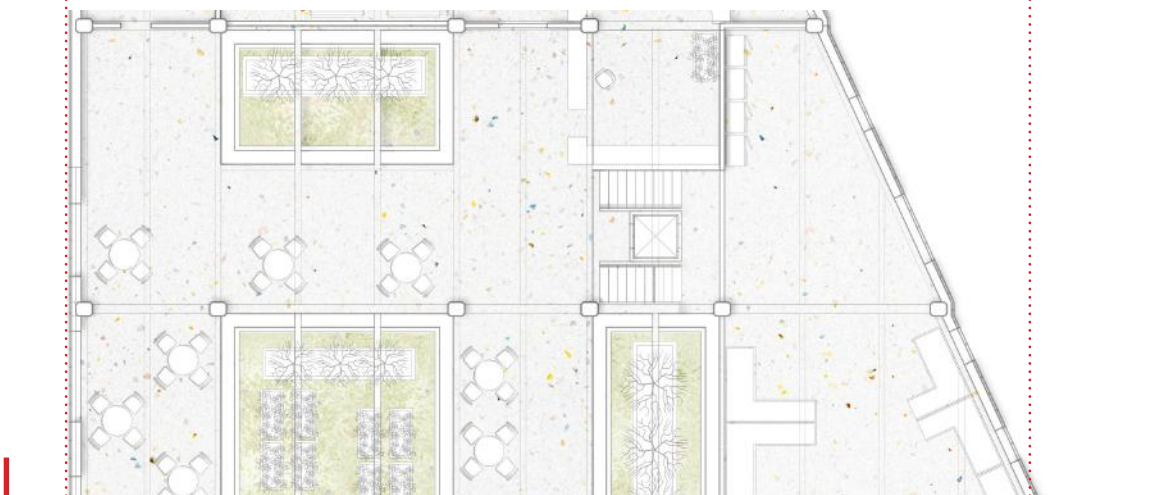


1:500



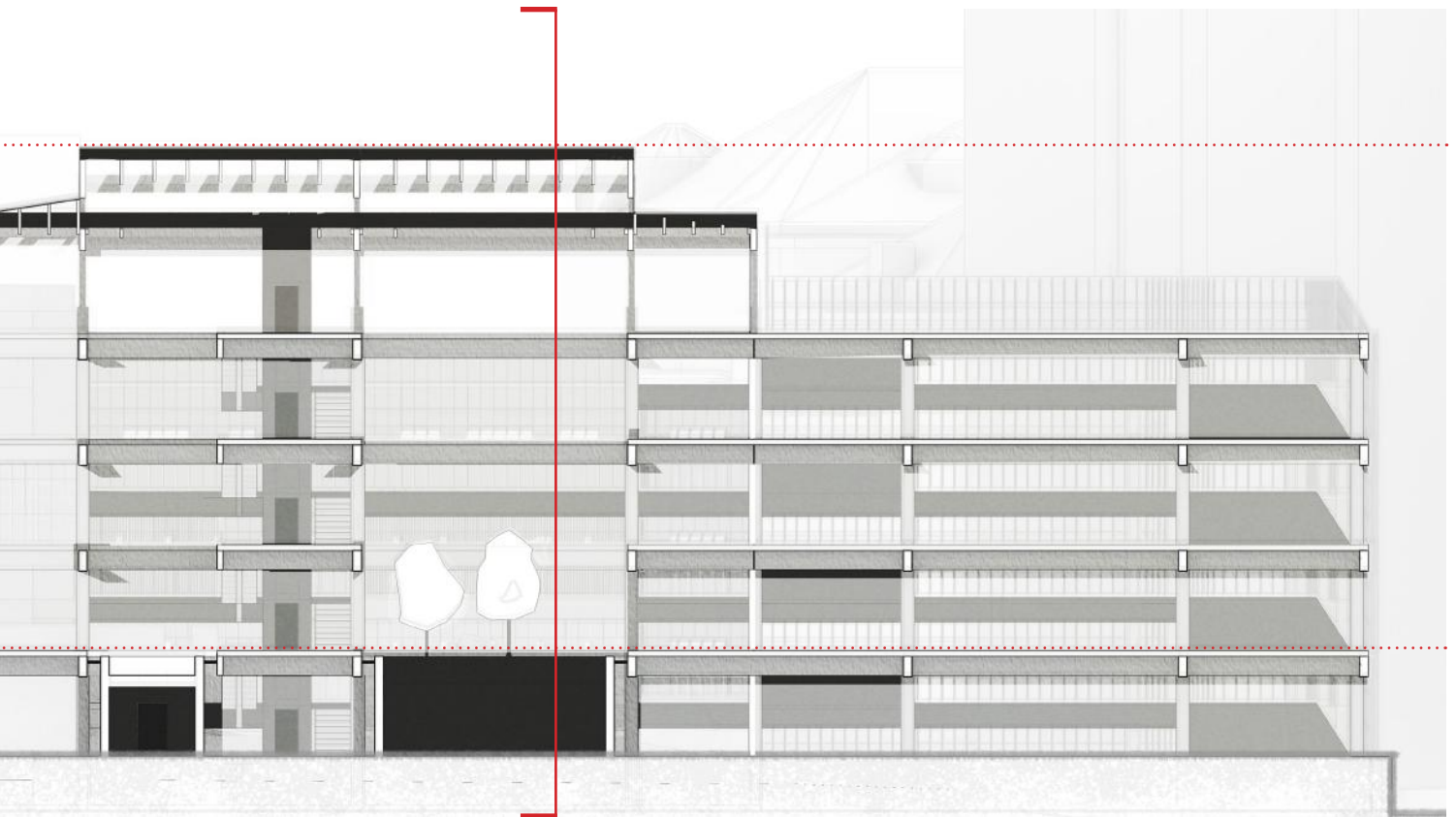
Site Section

Hanging Gardens of Newcastle - Building Resolution



1:250 0 2 4 10m

Ground Floor Plan



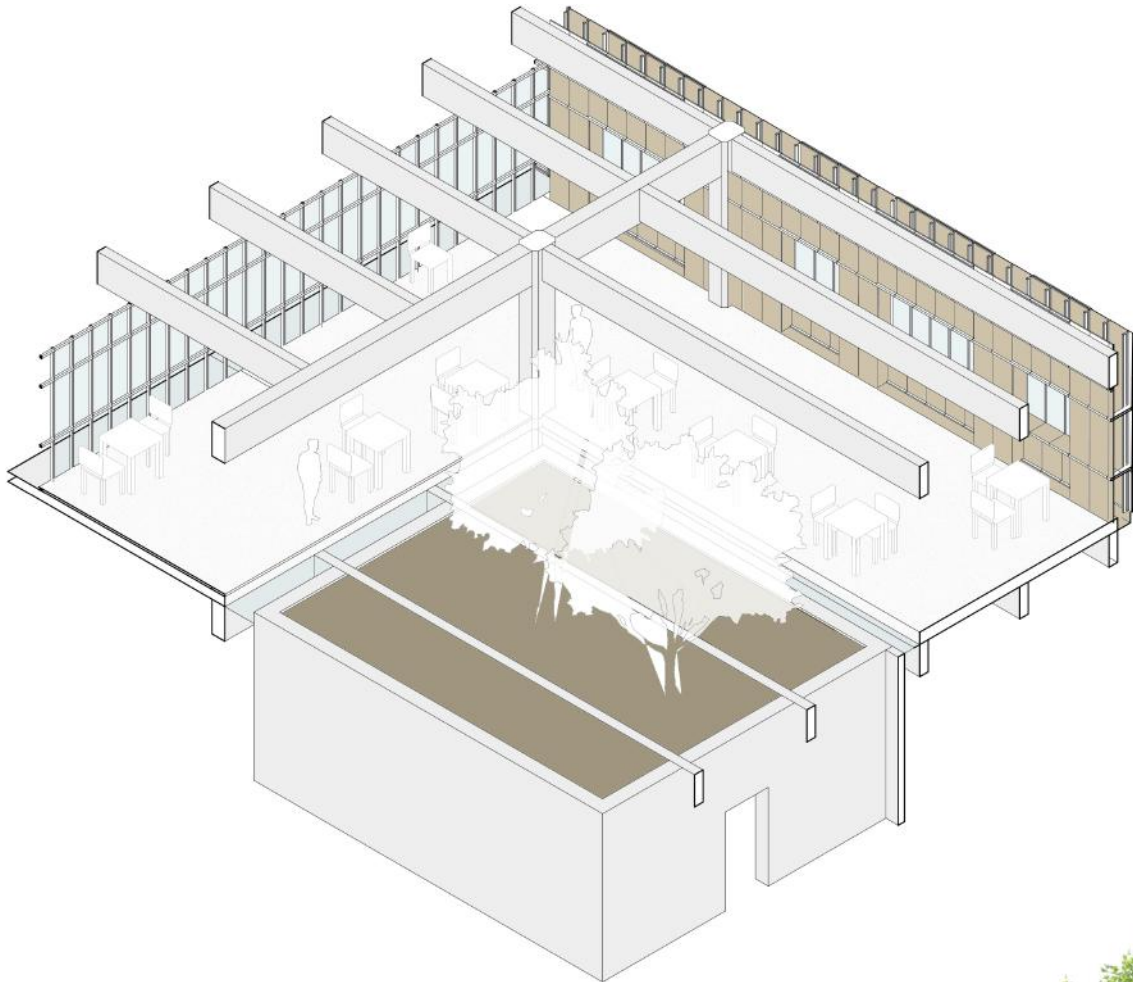
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Section

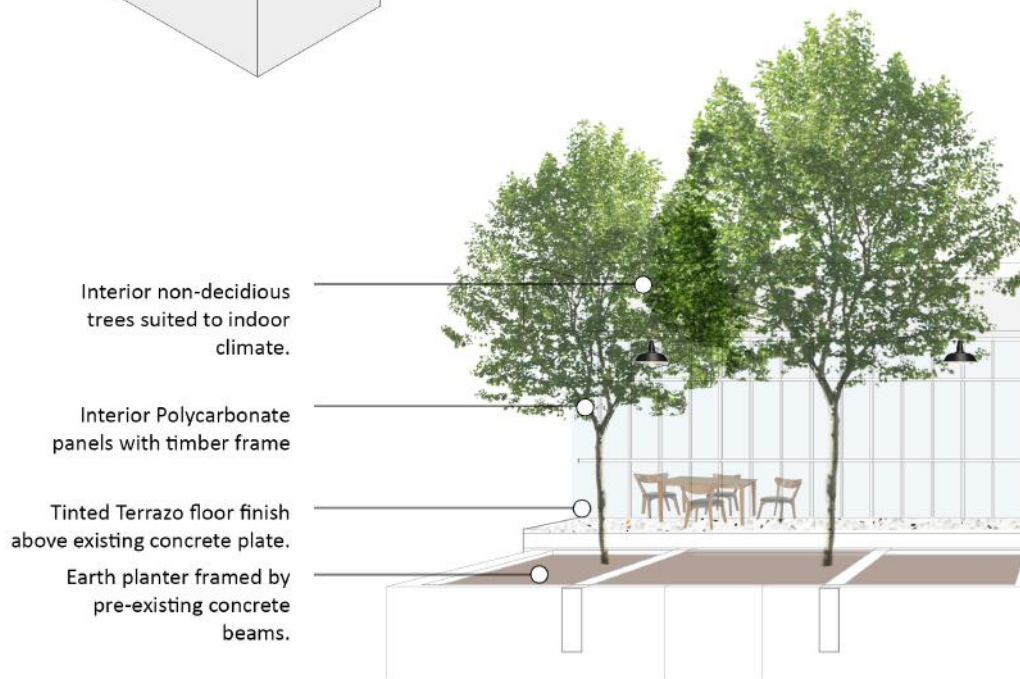
Made at 1:50 Sectional Model



Hanging Gardens of Newcastle - Interior Resolution

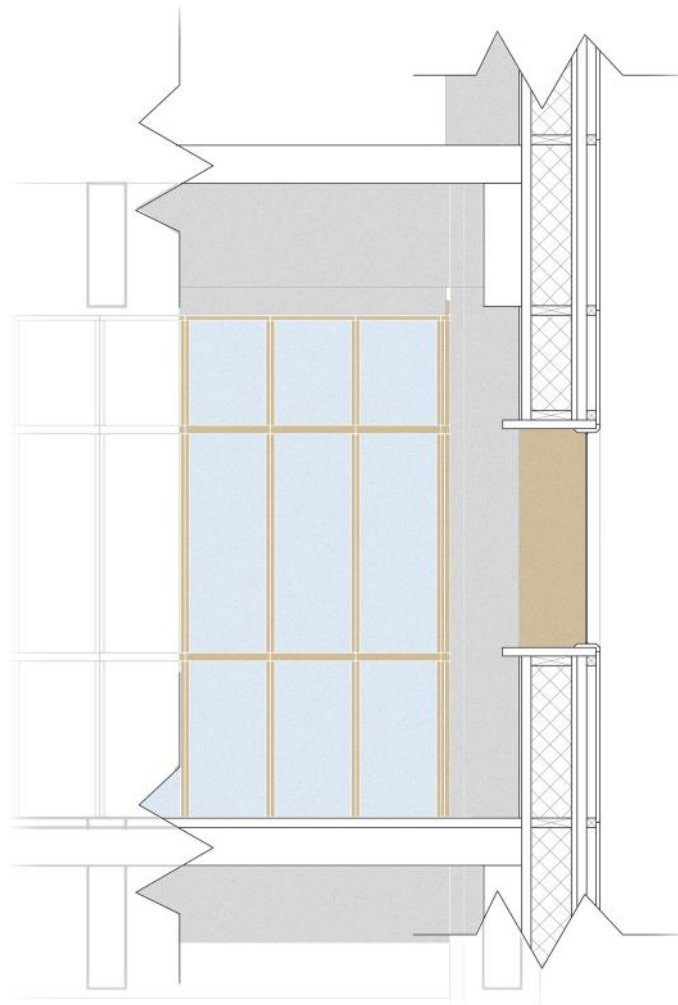


Drawn at 1:50 Interior Isometric



Drawn at 1:100 Interior Furnishings

Drawn at 1:20 Detail Section



Stainless steel banister and handrails.



Aluminium cable trays attached to ceiling.

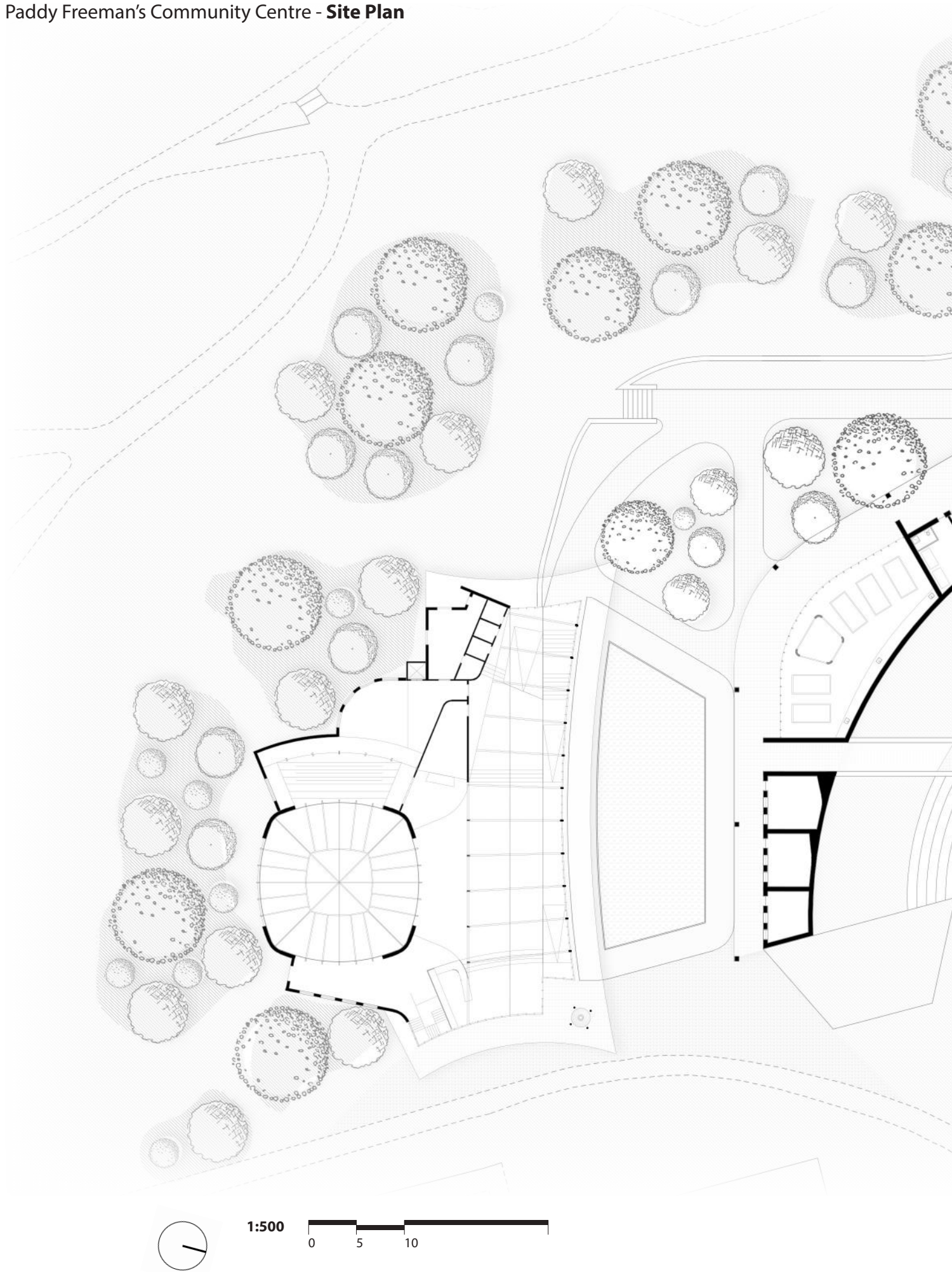
Mixed Hanging Lamps (preferably reclaimed) using warm light 2700k LED bulbs.

MDF Wall panels, with shelving/bookcases attached, and large window sills for seating. Hidden cables and piping within the frame. Copper finish wall sockets.

Reclaimed furniture, or furniture made from recycled materials - predominantly natural wood. Felt adhesives attached to control noise when moving.

Glass panel to prevent falls or tripping through the small gap.

Paddy Freeman's Community Centre - **Site Plan**



1:500



Site Plan



The brief for this project was to design a community centre within Jesmond Dene. With an aim of a sensitive installation that did not take away from the sense of being 'out of the city' while in the dene.

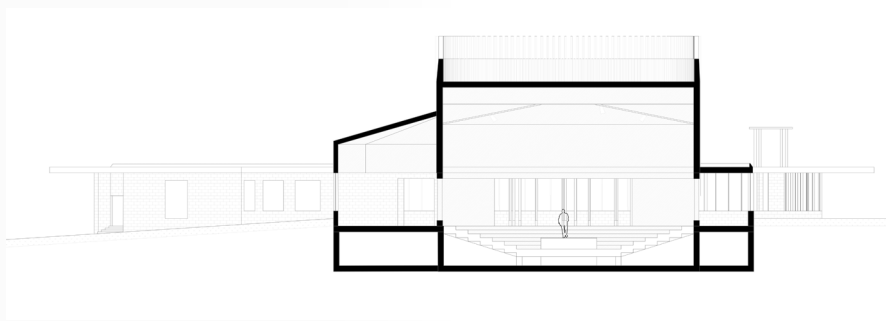
This design combines a meeting hall / performance theatre with semi-outdoor educational rooms, and a sensory garden linking them.

The meeting hall is designed to be prominently visible, with a high central mass for the performance area, and a bell tower at the reception. Whereas the sensory garden and educational rooms are sheltered behind a turf 'surprise wall' that also acts as a seating area for sports and larger activities on the main field.

1:500



Section facing north



1:500

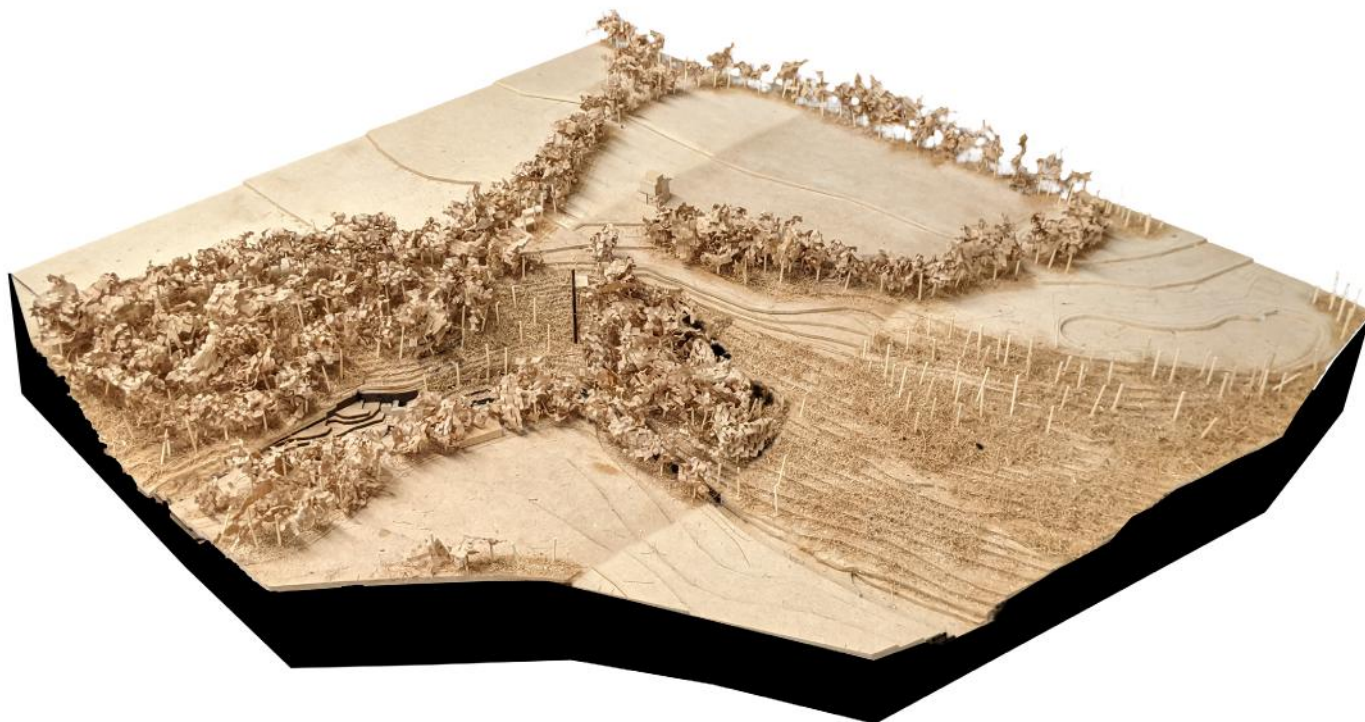


Elevation facing south

25m

Additional - Selection of Architectural Models

Made at 1:200 Site Model of Paddy Freeman's Park and the surrounding part of Jesmond Dene



Made at 1:50 Sectional Model for a theatre design



Made at 1:100 Structural Model for a crematorium design

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