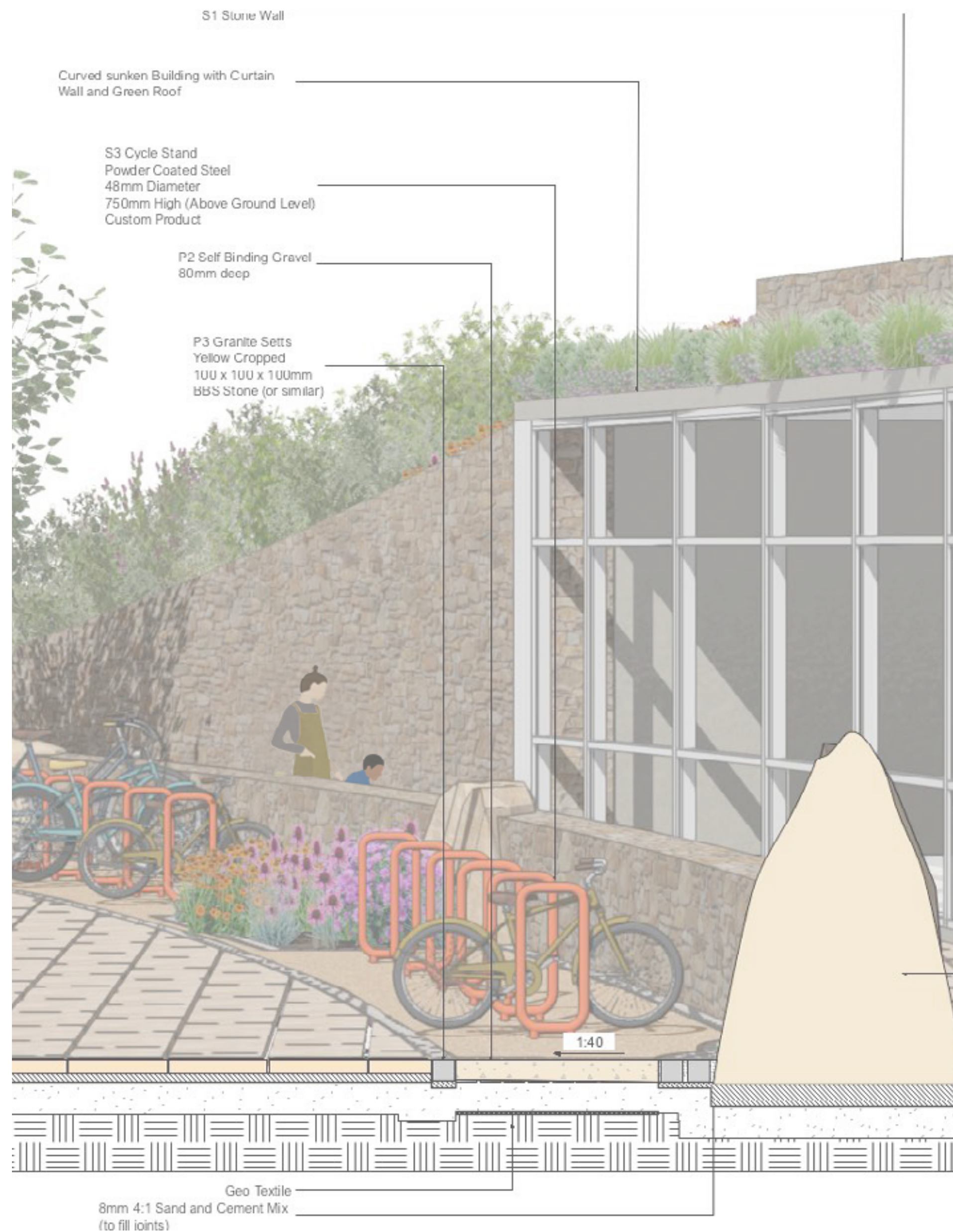






Contents

Postgraduate Projects

Leeds Beckett 2024-2025

1. *Personal Focus Module - LIVE project - Spires Community Garden & Allotment*
2. *Advanced Landscape Architecture Module - Recreating an Active Travel Neighbourhood in Sheffield*

Undergraduate Projects

Sheffield Hallam 2020-2023

1. *Social Interchange Module - A Masterplan which places Sheffield Interchange at the heart of an Active Travel route for Sheffield (in partnership with SYMCA)*
2. *Common Ground - Creating a public park at Sheffield Midland station which reconnects people to the Porter Brook and acts as a flood defense with capacity to hold back 9692m3*

Ares Landscape Architects

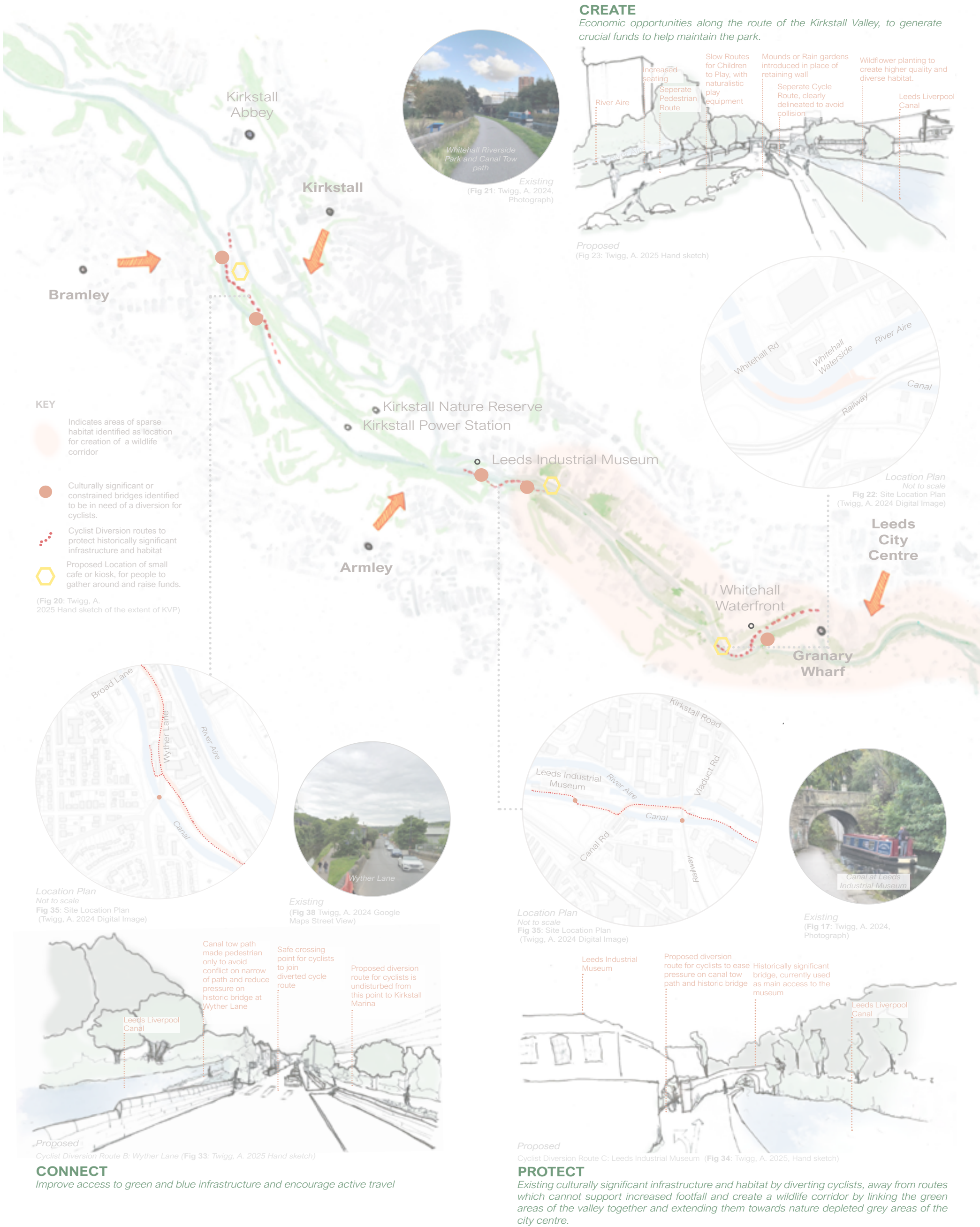
September 2023- currently

1. *Woodley School & College*
A SEND school in Huddersfield which I was involved in from RIBA Stage 1 - 3
2. *Rosegarth Square*
A public Realm project in Boston which I am currently involved in and is under construction

06

16

22



Leeds Beckett
University
September 2024 - 25

Recreating An Active Travel Neighbourhood At Black Bank Open Space

Year: Postgraduate Major Project (2024-Currently)
Location: Arbourthorne, Sheffield



1 Active Travel Routes
Pedestrian and cycle routes separated by rain gardens and retained street trees. **Precedent image:** Constitution Avenue, Canberra, Jane Irwin Landscape Architects (Fig 1.1 Twigg, A 2024)



4 Retain Mature Trees and Protect Views of the City and Open Spaces
There are stunning views of the city and Peak District and many mature trees, retaining these will protect the character of the site. (Fig 00, Twigg, A 2025)



2 Opportunities for Play
The site is constrained by its steepness, however this provides opportunity for play spaces. **Precedent Image:** Värbergstoppen Play, Stockholm (Fig 00 Land Arkitektur)



5 Provide New Affordable Housing
Providing landscape led, affordable housing to local people, without obstructing views, or taking up too much open space. **Precedent Image:** Curl La Tourelle, London Borough of Brent (Fig 00, Brent Council)

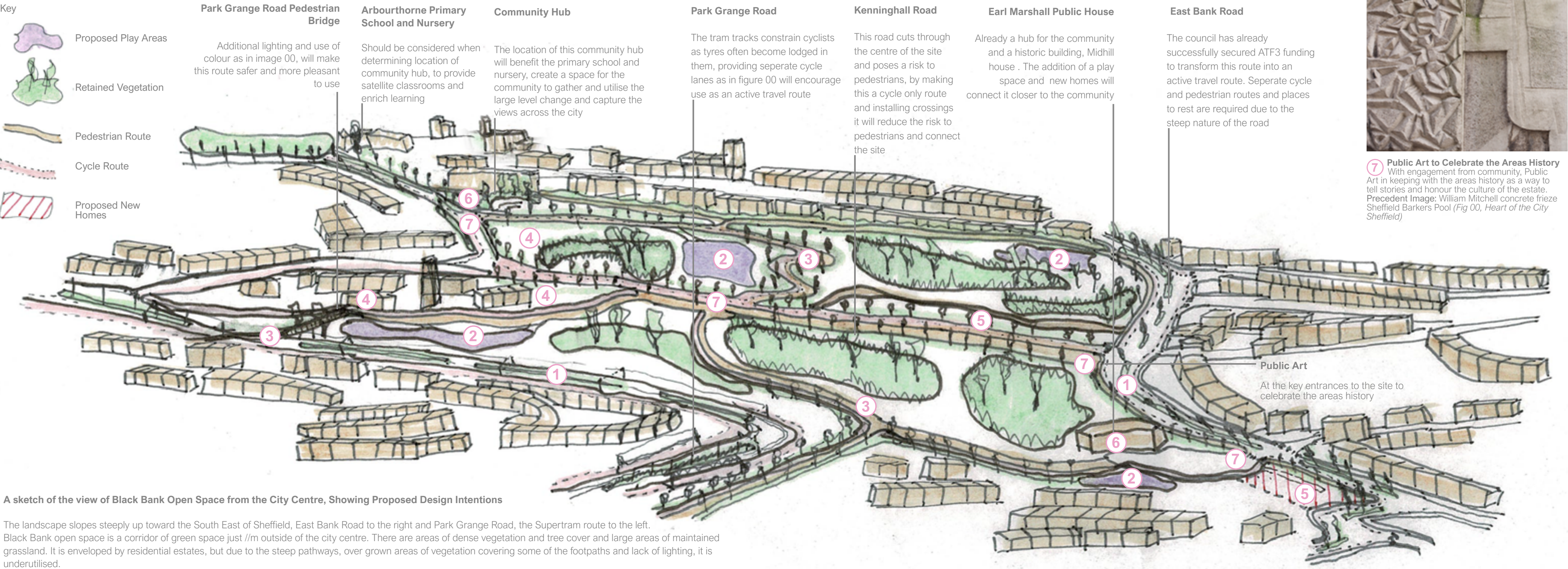


3 Safe and Accessible Movement
Enlivened pedestrian routes, lighting and use of colour to create safer spaces, ramps and steps for accessibility. **Precedent image:** Zigong Dongxingsi Precinct Riverfront Park By Martha Schwartz Partners (Fig 00 RethinkingFuture.com)



6 Create Community Spaces
Providing places for residents to gather, such as libraries, coffee shops and community centres will encourage engagement and community. **Precedent Image:** Library in the Earth, Hiroshi Nakamura, Japan (Fig 00 ArchDaily)

Site Analysis & Concept Development



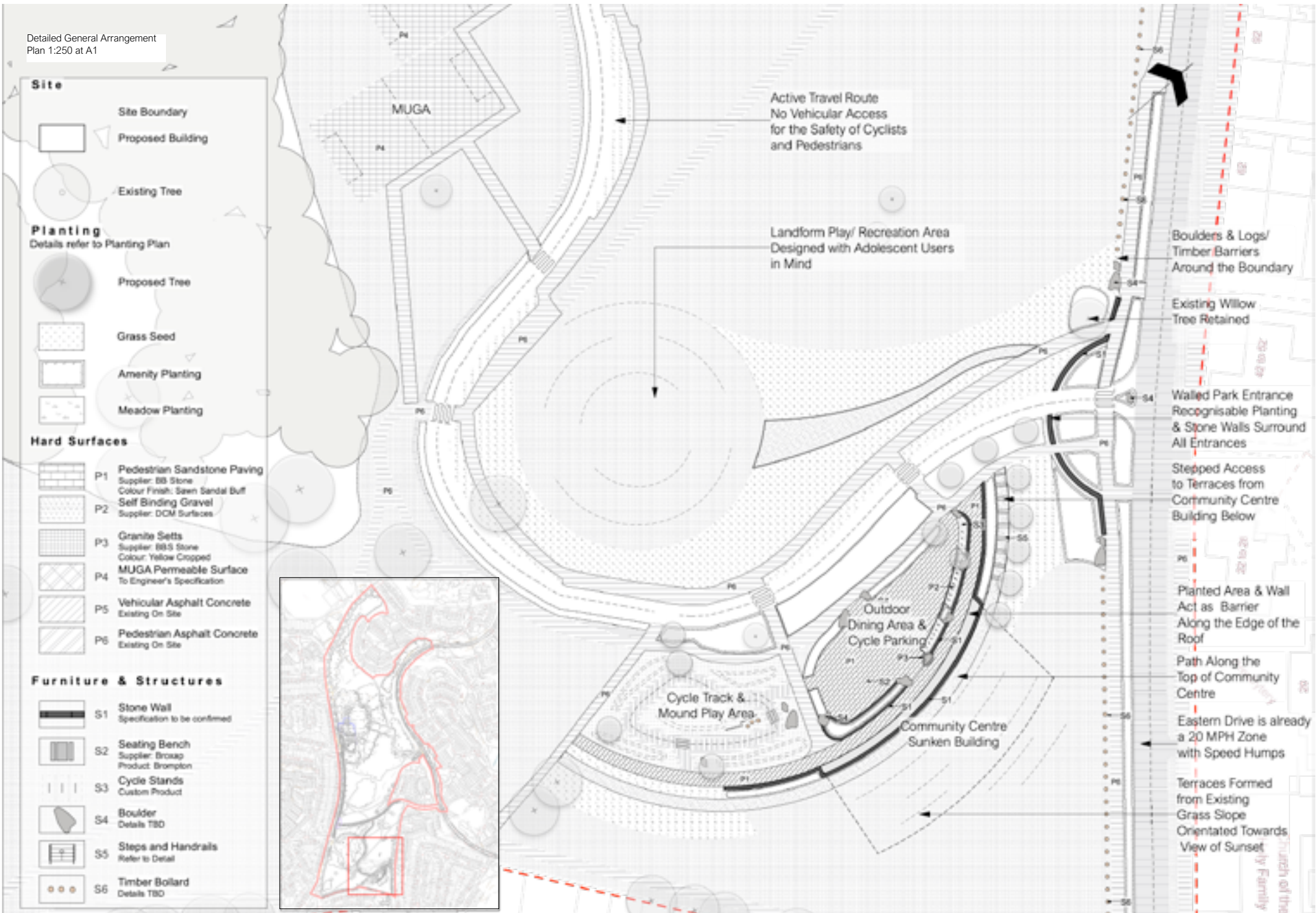
Masterplanning



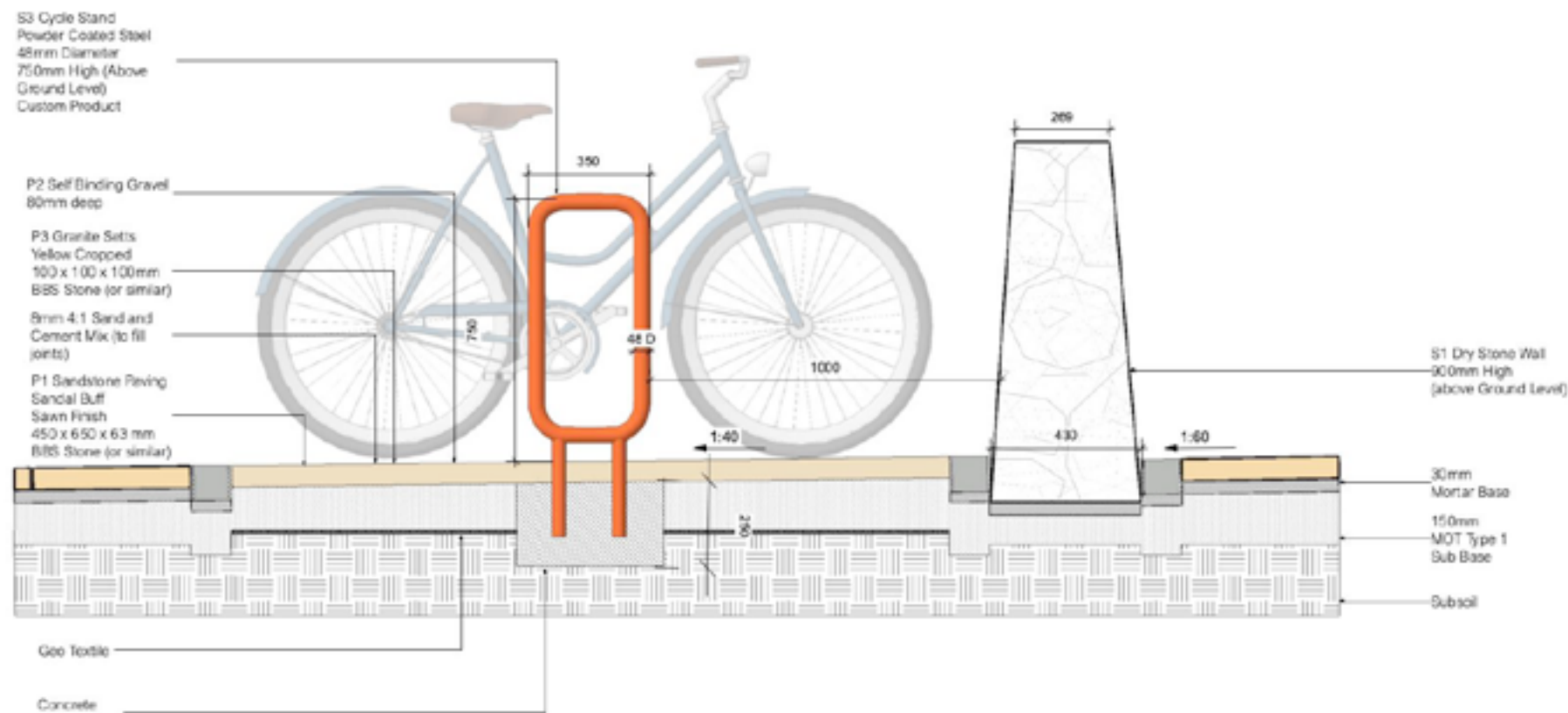
Masterplan of the whole site layout



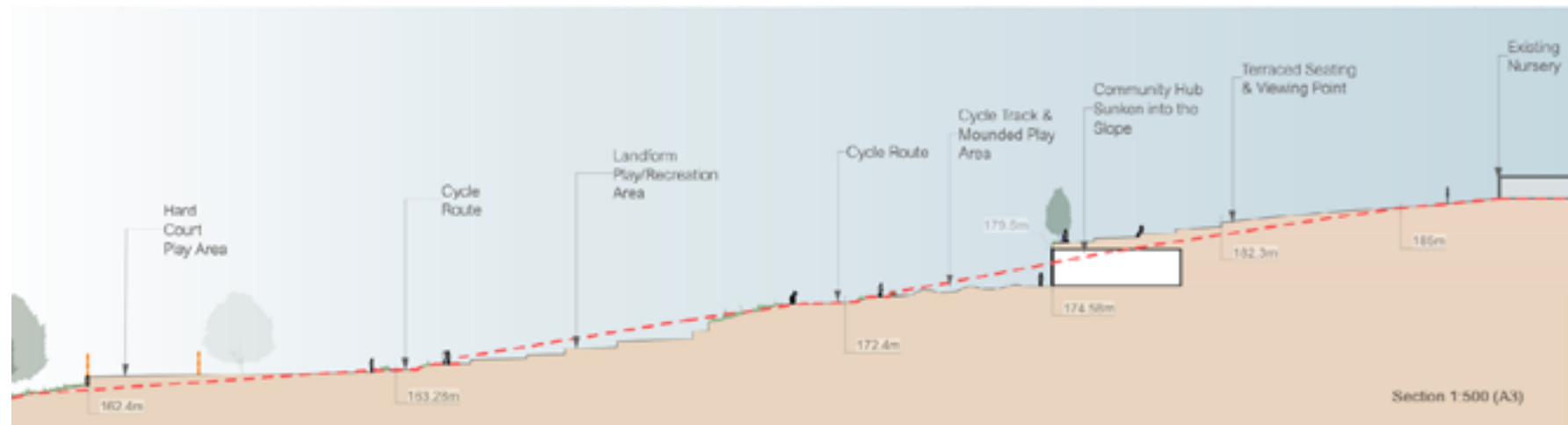
Detailed Illustrative Plan



Detailed General Arrangement

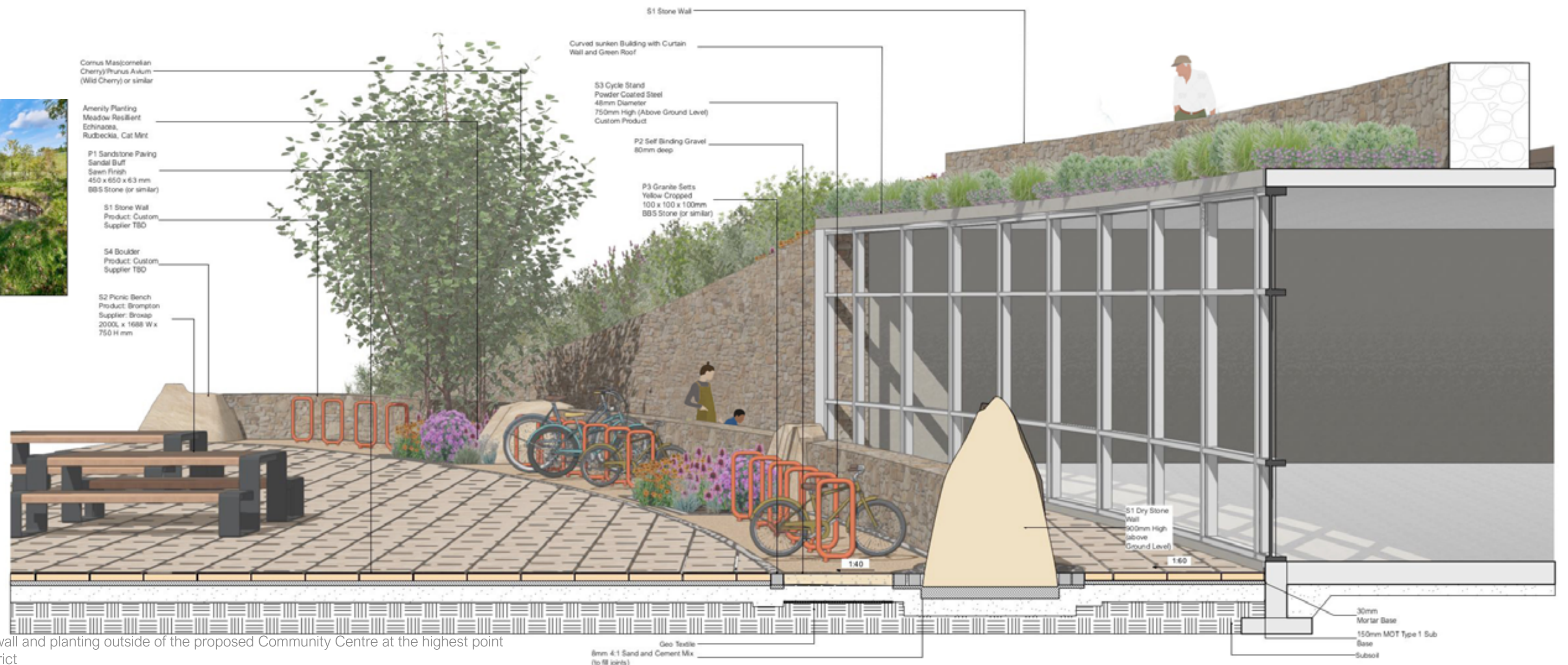
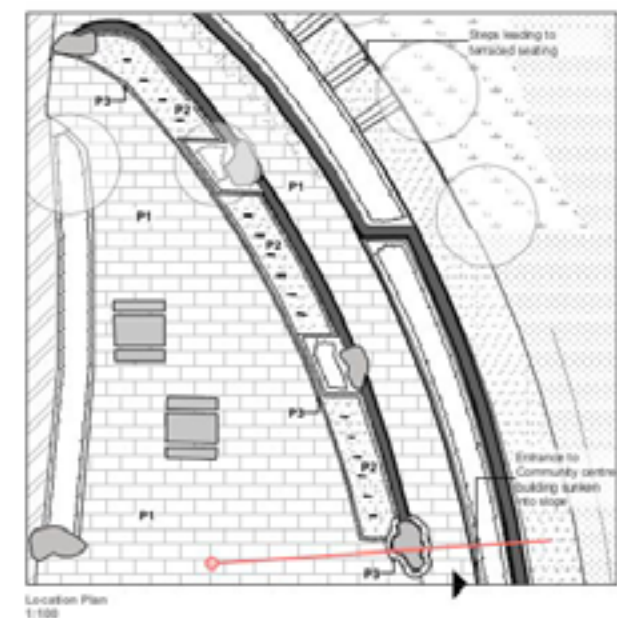


A section detailing the cycle stands in relation to the dry stone wall and paving



A basic section through the community centre showing the existing and proposed levels

Detailed Design Development



A projected section showing details of the paving, wall and planting outside of the proposed Community Centre at the highest point of the site, overlooking the City Centre & Peak District

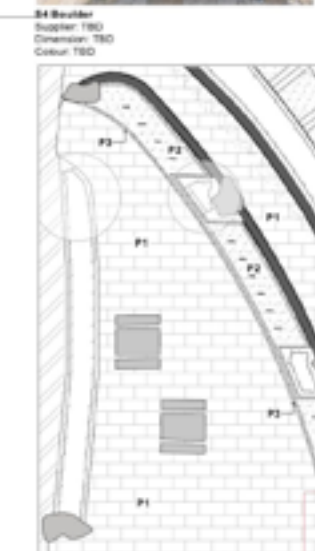
Paving Interfaces



P1 Sandstone Paving
Supplier: BBS Stone (or similar)
Dimension: 450 x 650 x 63 mm
Colour: Sandal Buff
Finish: Sawn Finish

P2 Self Binding Gravel
Supplier: DCM Surface (or similar)
Dimension: 80mm Depth

P3 Granite Setts
Supplier: DCM Surface (or similar)
Dimension: 100 x 100 x 100 mm
Colour: Yellow Cropped



A key characteristic of my design is the paving details, using granite cobble setts to create a distinctive paving detail which is carried through the whole site



The location of the Spires Community Centre, Garden & Allotment is between Springs Leisure Centre, run by SCC and Sheffield Springs Academy a secondary academy both have direct access



The goals of the volunteers are laid out in this illustrative sketch done by Groundwork, this was provided to me to inform my design

Spires Community Garden & Allotment

Year: Postgraduate Major Project (2024-Currently)
Location: Arbourthorne, Sheffield

This project is a collaboration between Groundwork, the National Lottery and the Spires Community Centre Garden & Allotment. I am currently volunteering for Groundwork as the only Landscape Architect on the project I am responsible for designing the masterplan for the project, production of technical drawings, a report which the allotment can use to attract funding and also student engagement sessions with year 9's from the adjoining secondary school, Sheffield Springs Academy. I will produce a report as part of our Personal Focus module, which will focus on the role of a Landscape Architect in these kids of community projects and the specific skills we bring to projects which can enhance the positive outcomes on communities.



Photograph of the existing terraces on site



Photograph of the existing fruit trees planted on site



The project is one of Groundworks Northern Network Projects and benefits from National Lottery Funding



Myself and Jack Hurrell from Groundwork have been running sessions with year 9's from Sheffield Springs Academy every Wednesday



Pupils are introducing wildflower meadows



Pupils are creating a wildlife pond

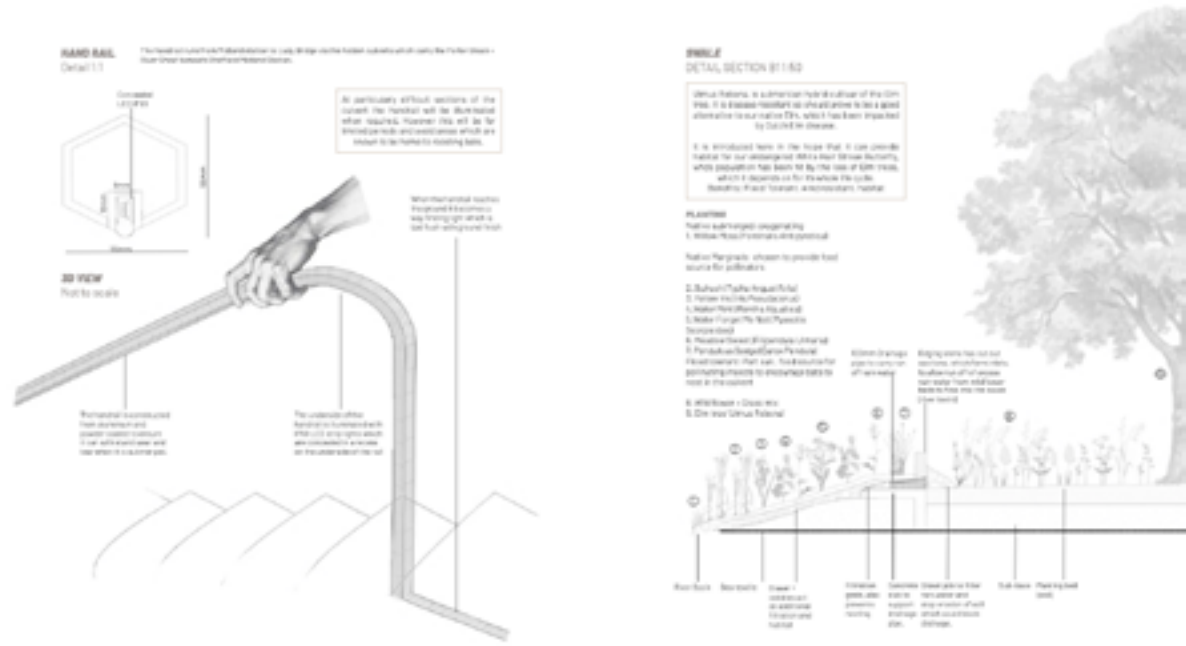


The project didnt have any scale drawings or publications, so one of my aims is to produce a full set for the project to gain extra funding and engagement

Sheffield Hallam University

September 2020 - 23

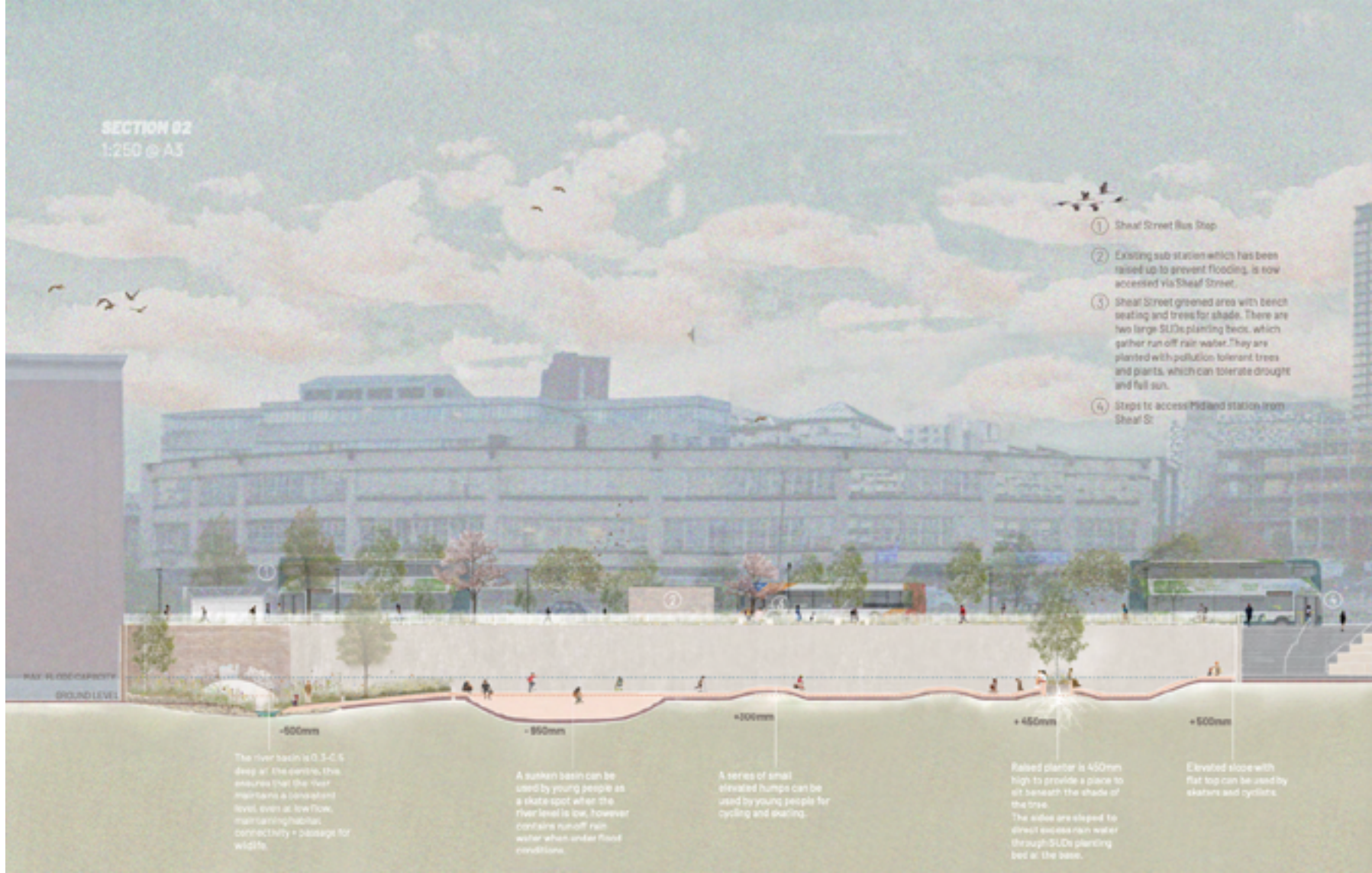




Key details of how the swale and handrail will be constructed



Atmospheric visual of my experience of the Megatron



Section of the proposals looking towards Sheaf street with Porter Brook on the left hand side, illustrating the skate park and retention basin

Common Ground

Year: Final Year of Undergraduate
Module: 02 Cultural Exchange
Location: Sheffield Midland Station
Brief: Design a space which reflects your culture or future career goals.

Common ground is a sunken park which can be used by people to immerse themselves in nature, play and socialise.

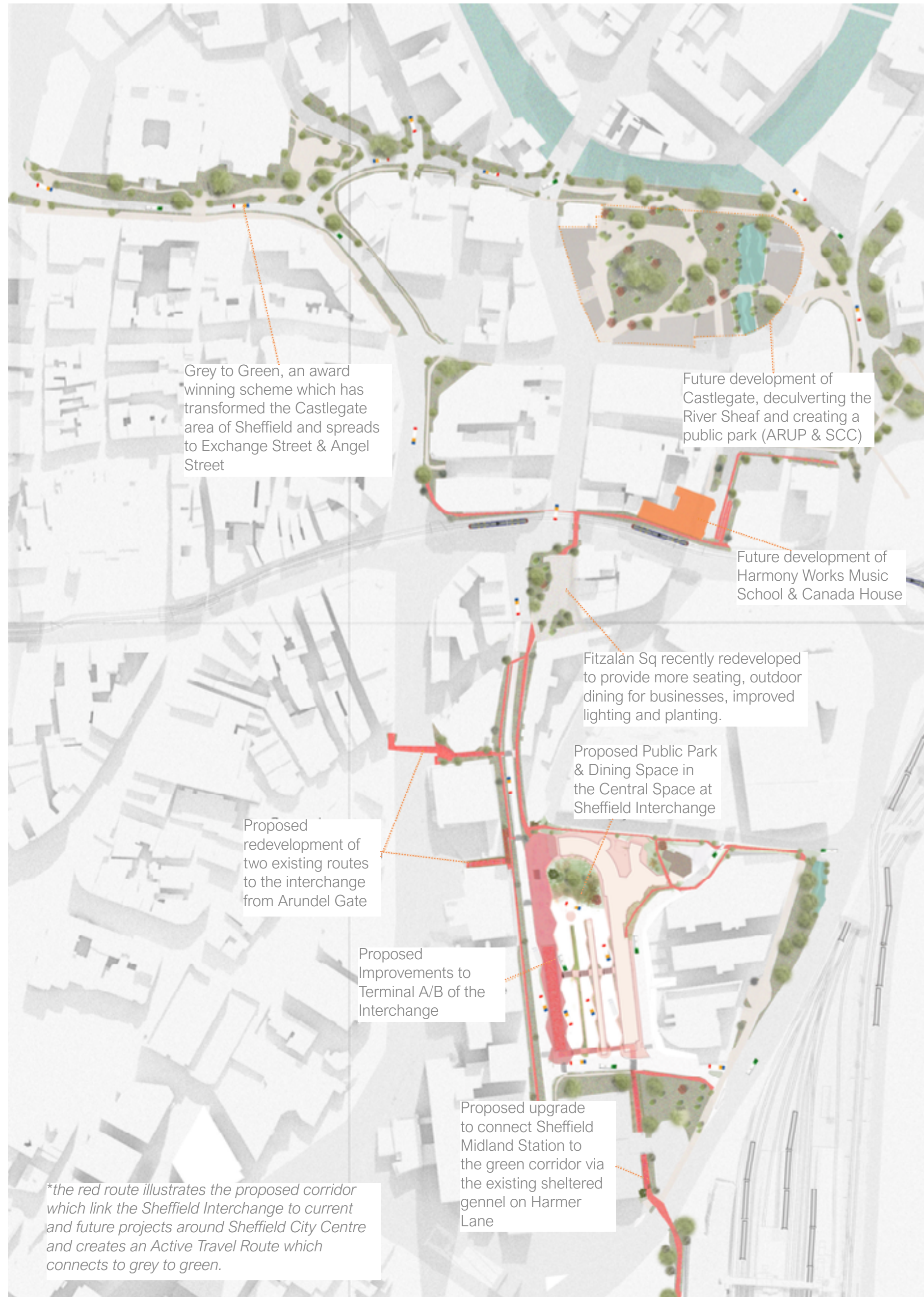
It is a place to observe and study the condition of our rivers and native species, and through education, reconnect young people to their environment.
However, when it rains and humans retreat, the space can be completely consumed, holding 9692m³ of excess rain/flood water. Designed to slow the flow of the river and increase retention in the city centre, providing an early warning to communities down river, and potentially reducing the impact on them.



Section of the proposal illustrating the amphitheatre



Illustrative Masterplan of the site and context



Masterplan of my proposal to reconnect the Sheffield Interchange, making it the heart of Sheffield's active travel route



Interior visual to illustrate the atmosphere of my proposal, for users who are passing through and lingering



Visual to illustrate the proposed improvement of connections/ shortcuts to the Interchange from Arundel Gate

Reconnecting The Interchange

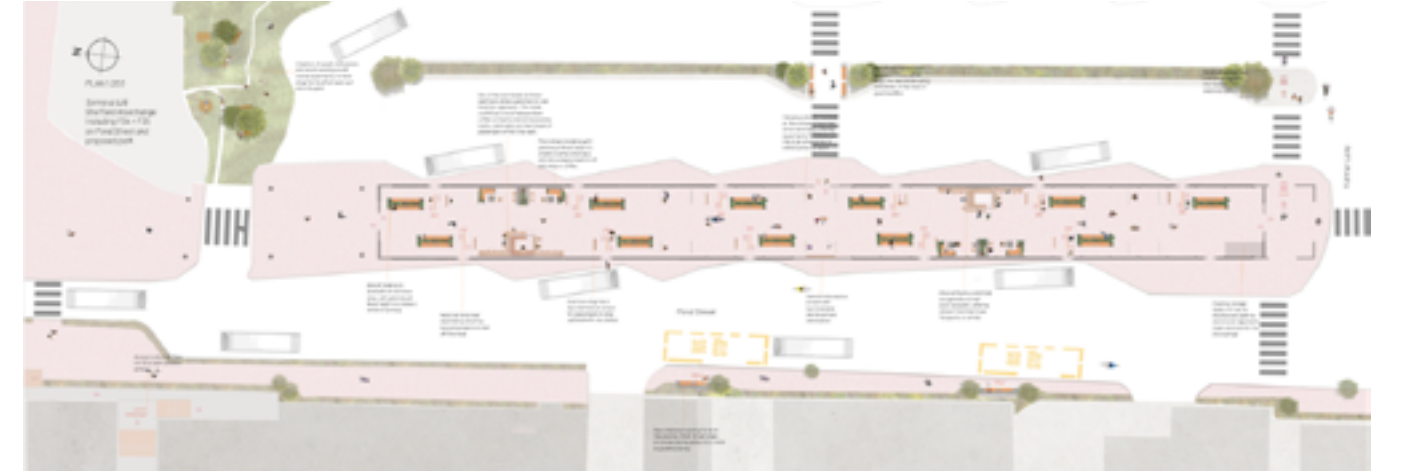
Year: Final year of Undergraduate studies

Location: Sheffield Interchange

For this project we were given a brief from South Yorkshire Mayoral Combined Authority to design the future use of Sheffield Interchange, we were made aware of the issues the Interchange faces of finding it difficult to find businesses to occupy its commercial spaces, anti social behaviour and decreasing footfall.

I researched the SYMCAs manifesto and saw that Oliver Coppard has committed to prioritising Active Travel for the economic recovery of the high street, improved access to opportunity, connectivity and improved health outcomes.

With this in mind I developed an Active Travel route taking into consideration the future and current redevelopment taking place around the city and placing the Interchange at it's heart, I also kept in mind the budget constraints the local authority is facing and so developed my proposal in three phases redeveloping the existing structure of the interchange and developing a design language to tie the phases together on completion.



Plan of terminals A/B and context of the Interchange illustrating my proposal



Section through terminals A/B of the Interchange illustrating my proposal

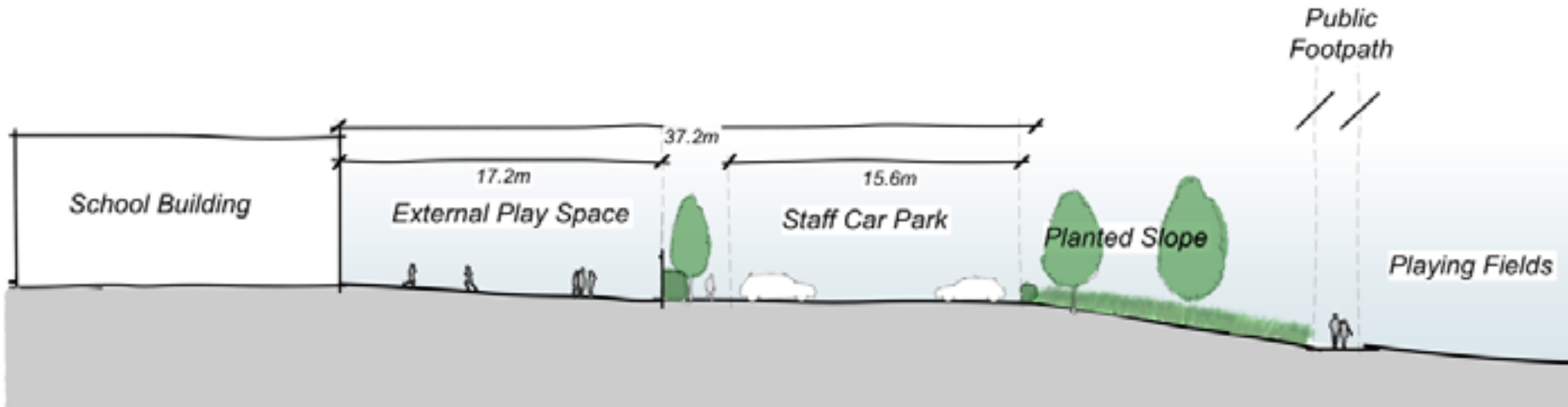


Ares Landscape
Architects
September 2023- Currently



SITE LAYOUT & CIRCULATION Before we designed each space this helped the client to understand our intention and how they would move around the site.

AREA COMPARISON This helped the client visualise and compare their new larger site to their existing school



SITE ANALYSIS Sketch section of the existing site. Site sections of the existing site, allowed us to understand the current levels and design spaces appropriately,

Woodley School & College

RIBA STAGE 1-3
LOCATION: HUDDERSFIELD

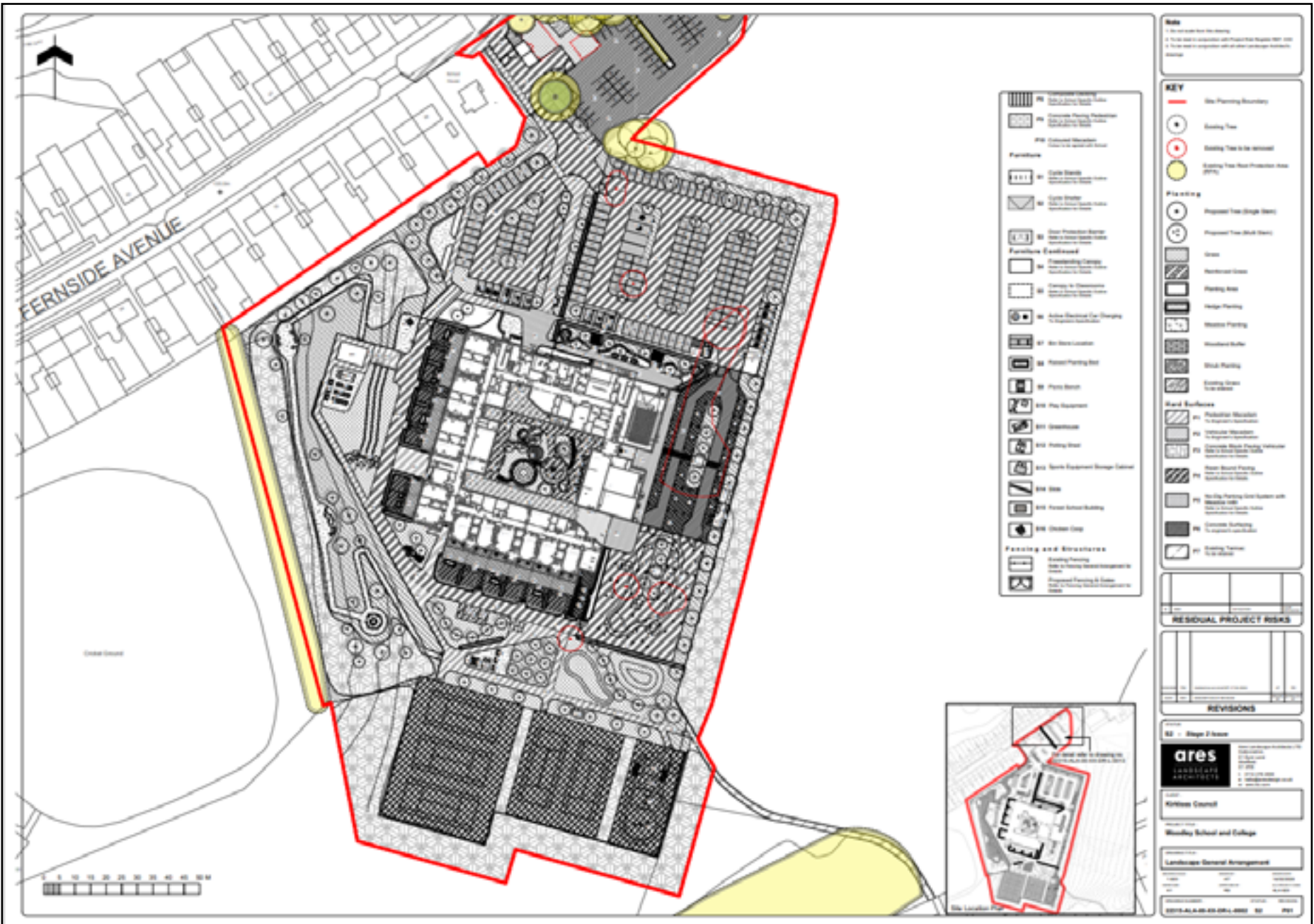
BRIEF:

Woodley is a school for 140 children aged 5-19, with complex autism, and special educational needs. They are moving to a new site which is significantly bigger. We consulted with the school, council and students, to design a brief, and through several client engagement and design team meetings, with the architect and engineers, we developed a design which recently progressed to Stage 3.

One of the most stressful times of the day for many students is drop off, so we were asked to try and address this. We wanted to create a more calm and orderly start to each students' day. To make it more efficient we provided more mini bus and car parking bays, so that students don't have to spend unnecessary time on-board waiting to be escorted into class. We added green spaces with sheltered walkways in case the weather is poor, as this can be a sensory issue for many students. So that this space is usable during the school day, we suggested using coloured tarmac to create play spaces, and line markings to create bike and scooter tracks, alongwith a secure fenceline this has created an additional play space for students to safely access during the day. (continues on next page)



ILLUSTRATIVE MASTERPLAN & GENERAL ARRANGEMENT: Current proposal for the site, informed by site analysis and concept development as well as engagement with the school and design team.



All images are copyright of Ares Landscape Architects, all publicly available on the planning portal, I have only included images which I was involved in the production of



AERIAL VISUAL OF THE WHOLE SITE



DROP OFF



COURTYARD



EXTERNAL CLASSROOMS



HORTICULTURAL GARDEN

Woodley School & College continued

BRIEF:

We understood the need to accommodate the different requirements of each age group, so we designed a separate space for sixth form students, a garden to the front of the building which has semi private seating areas, an informal route through meadow planting and trees, and covered dining or study areas so that students can eat, socialise or learn outdoors.

The client suggested that the central courtyard would provide a good break out space for students who were experiencing crisis during classes, so we designed this to have sensory planting, a water feature, semi private nooks and engaging naturalistic play equipment, such as log steppers and play boulders, these elements we chosen to help students to feel calm and let off steam, so they can return to their learning.

The school currently keep hens and are looking to expand their petting farm, so we recommended an area which they could locate this, the students are encouraged to learn practical skills such as growing food, fire safety and cooking, so our design includes a forest school area with a fire pit and a couple of horticultural areas with raised planters, greenhouses and potting sheds. To ensure students have a range of play opportunities we have provided in ground trampolines, slides and bucket swings alongside logs and boulders.

Another key requirement was for each class to have an external classroom which can be accessed by students through out the school day, these have canopied hard surfaces and picnic benches as well as reinforced grass areas and versatile raised beds, which can be used as planters or water/sand troughs.



SIXTH FORM GARDEN



SIXTH FORM GARDEN



Aerial view of the proposed design at Stage 3, visual was taken from the Lumion model

Rosegarth Square

RIBA STAGE 1-3
LOCATION: Boston

In 2023, Ares Landscape Architects were appointed by Boston Borough Council to develop the original concept of the Rosegarth Square Masterplan as part of the wider PE21 development. Following a successful bid in 2023, Boston Borough Council secured Grant Funding for the redevelopment to revitalise, re-purpose and to provide a new multi-functional public realm space with the aim of bettering lives and giving people pride in their communities.

The overarching brief for the project is to improve connectivity within the Town Centre, particularly east to west links. This will be achieved by the creation of new high quality public realm, which will also improve the experience for residents, businesses and visitors to the town centre and encourage further inward investment into the town.



Visual of the paving detail and art installation suggested to give the space a distinctive character and act as a landmark



This project has had many iterations as we developed a masterplan and the project grew after obtaining extra funding



This visual showed how large this car park was in comparison to the public space, this helped the council obtain this property and expand the project



Gen Zero Primary School

Involved from RIBA STAGE 1-3

BRIEF:

The department for Education are working with Ares to develop a second pilot school build and designed using the principals of Gen Zero, which is a policy developed in collaboration with Ares to ensure all education facilities built by the DfE have the least negative impact on the environemnt and provide the most pay off for childrens wellbeing, learning outcomes and the local ecology.

I was involved from the beginning of this project in late 2024, until I went part time to study my masters at Leeds Beckett, I was responsible for attending DTM's prepping reports and drawings for client engagement meeting and ensuring we met all of our deliverables which the DfE required. I would also pick up queries from the client and other members of our design team, build the 3d model on behalf of the whole team and create 3d visuals to help the design be communicated to the client.

The masterplan attached was very early stages but is the only publicly available plan, it has developed from there as can be seen in the visuals I produced.

All images are copyright of Ares Landscape Architects, all publicly available on the planning portal, I have only included images which I was involved in the production of



This visual shows the open courtyard area we created for children to spill out into at break and lunchtime, with seating and cycle storage



Visible here are the vast improved sports pitches, planted sensory garden and sheltered dining spaces for students.



A key consideration for this site was access during construction, I worked with the engineers to draw up phased construction drawings to communicate this to the school