# UOH - NATIONAL HEALTH INNOVATION CAMPUS
# MULTI-STOREY CAR PARK

## DESIGN AND ACCESS STATEMENT - LANDSCAPE

October 2026

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Created by: TMC

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oobe

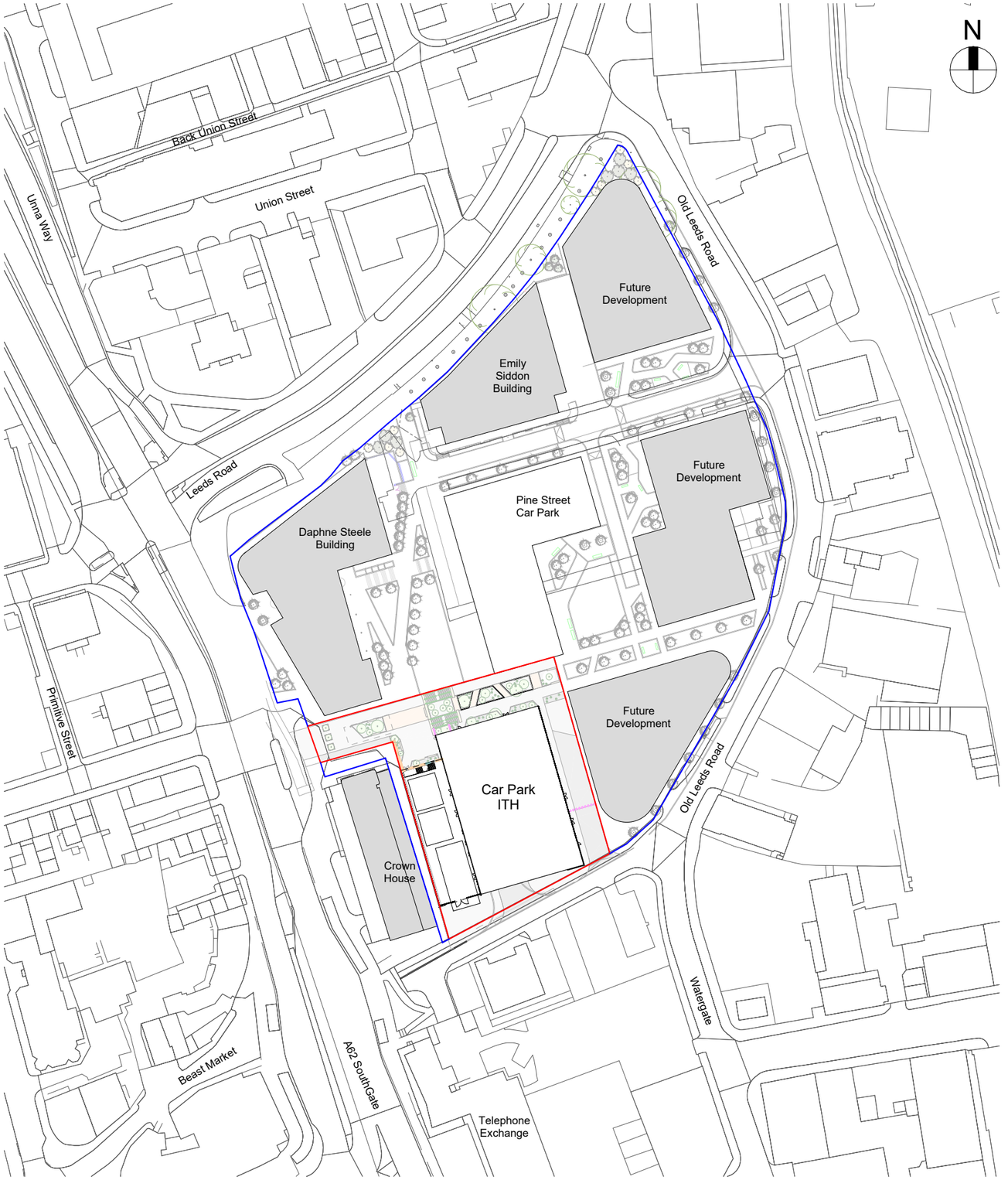
# 1. SITE CONTEXT

## Site Context

The site defined by the red line boundary represents the development footprint for the University of Huddersfield's new Multi-Storey Car Park and forms a key gateway to the wider campus environment.

The proposals facilitate the relocation of essential infrastructure, including the Daphne Steele sprinkler tank and emergency power hub. The design has been developed to balance operational requirements with the creation of an attractive and welcoming environment for students, staff, visitors, and the wider community.

A coordinated palette of hard and soft landscape materials is proposed to establish a cohesive sense of place and improve the overall user experience. The site's level changes have been carefully considered, with an integrated network of ramps, steps, and accessible routes providing inclusive access across the development. These interventions ensure the site is easy to navigate while creating a functional and distinctive arrival experience for the National Health Innovation Campus and surrounding university facilities.



# 2. DESIGN PRINCIPLES

### Guiding Design Principles

The aim of the landscape proposals for the National Health Innovation Campus is to create a sustainable and welcoming environment that supports healthy lifestyles, enhances the public realm, and provides a vibrant community-focused setting for visitors and users. This aim is supported by six guiding design principles that emerge from regional and local planning policy*, best practice**, and the local landscape character:
Regional and local planning policy:
- Kirklees Council Local Plan
- Huddersfield Blueprint SPD
- Kirklees Highway Design Guide SPD (2019)
- Kirklees Biodiversity Action Plan
- Kirklees Open Space SPD (2021)

Best practice documents consulted include:
- National Design Guide
- The Landscape Institutes's "Profitable Places" (2014) and "Public Health and Landscape: creating healthy places"



**A DISTINCTIVE SENSE OF PLACE**
A distinctive sense of place, that provides a unique identity for the scheme, whilst integrating the new development into its immediate physical and social context. Vibrancy: the creation of a vibrant open space that attracts the nearby community and residents to the site for formal and informal activities.



**SUPPORTING LOCAL BIODIVERSITY**
Naturalistic planting species and allowing space for habitat creation to encourage wildlife and build a rich and diverse population of life. A driven scheme that responds to pressing environmental concerns such as flooding, minimises landscape maintenance requirements, increases biodiversity, and connects to nearby green spaces.



**A HAVEN FOR LIVING AND FOR LIFE**
A network of connected and well defined private, semi-private and public spaces that provide a restorative environment for users, staff and visitors to engage in a variety of leisure activities.



**A CLIMATE POSITIVE ENVIRONMENT**
A climate positive environment that minimises carbon footprint, maximises carbon sequestration, and provides in-site solutions to pressing environmental concerns in the area such as flooding, urban heating and air and noise pollution.



**A PEDESTRIAN PRIORITY ENVIRONMENT**
A pedestrian priority environment, with safe and clear movement routes that is inclusive for all and promotes walking and cycling.



**WELL-DESIGNED GREEN / BLUE INFRASTRUCTURE**
Well-designed Green /Blue Infrastructure that connects with nearby green spaces and enhances local biodiversity whilst sensitivity and sustainably manages the sites water.

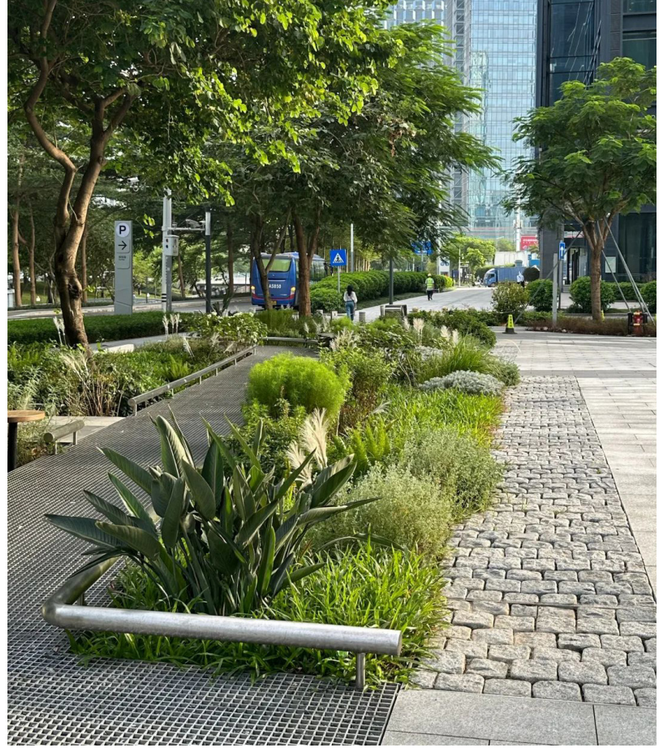
# 3. DESIGN PRINCIPLES

The landscape responds to the site opportunities and constraints  identified by the design team, the design brief, the form and functions of the development and the requirements of the users of the development. During the design process the nature, typology and scale of the evolving external spaces has been carefully examined and considered and a landscape design prepared to meet these factors. OOBE has strived to produce a design that responds to principles that have been developed from government guidance and the Localism Act and National Planning Policy Framework to ensure University of Huddersfield's new Multi-Storey Car Park design is the following;

- Functional
- Supports a mix of uses
- Adaptable and resilient
- Has a distinctive character
- Is attractive
- Encourages ease of movement

The landscape proposals have been developed through an understanding of the relationship between people, nature, and the heritage of the site. The design aims to create an attractive, welcoming and functional outdoor environment that supports recreation, well-being, and community use. The key objectives are to:

- enhance and strengthen the natural fabric of the site, promoting health and well-being for university users and the wider community;
- establish a calm and inclusive landscape environment that enhances the overall user experience;
- encourage community interaction through public spaces;
- respond to the existing landscape character at both local and wider scale, while improving biodiversity through the introduction of new planting and habitats.





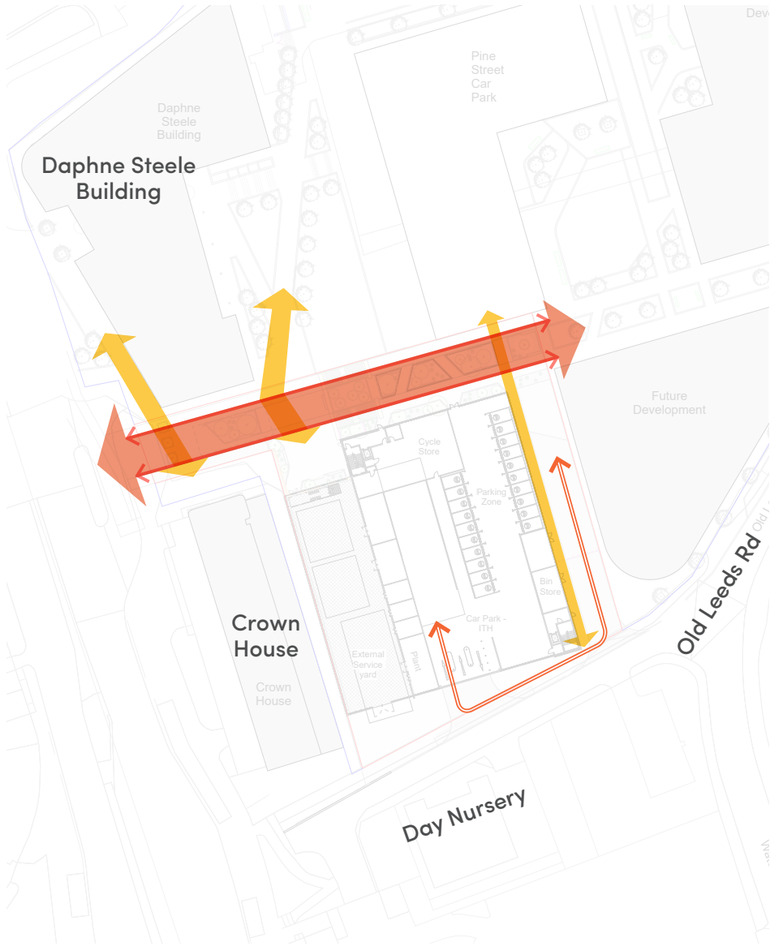






# 4. DESIGN IDEAS

1 - MAIN ROUTE SITE CONNECTIVITY




KEY:

- Main Access Across Boulevard
- Secondary Access Across Wider Areas
- Main Pedestrian
- Vehicle Access

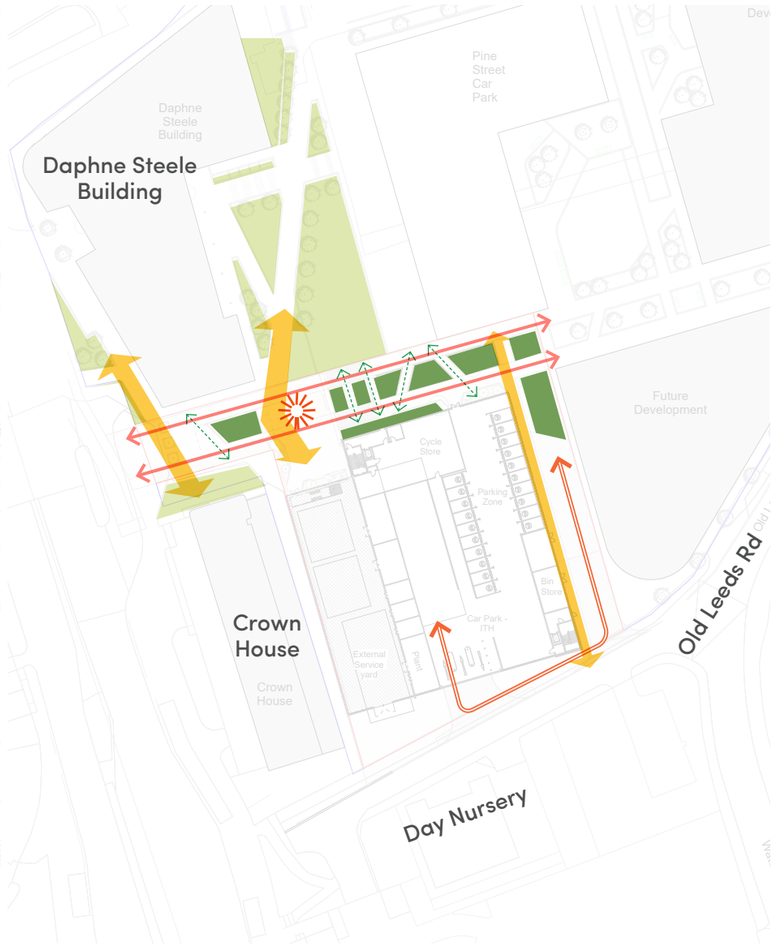
2 - GREENERY LINKAGE ACROSS THE SITE




KEY:

- Green Corridor Boulevard
- Surrounding Green Spaces
- Green Frontage

3 - GREEN BOULEVARD ENHANCEMENT




KEY:

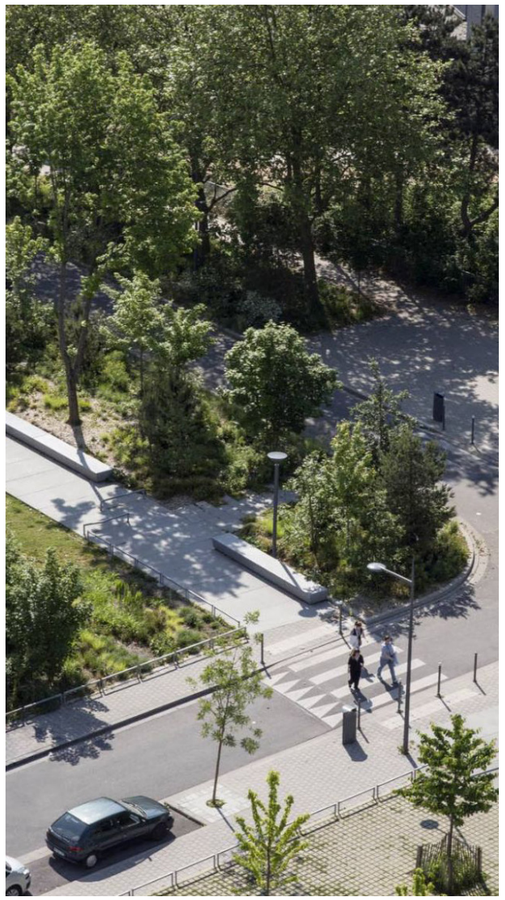
- Exploration Route
- Secondary Access Across Wider Areas
- Main Pedestrian
- Vehicle Access
- Surrounding Green Spaces
- Green Spaces / Rain Garden / Seating Areas
- Key Crossing / Plaza

# 5. PRECEDENTS

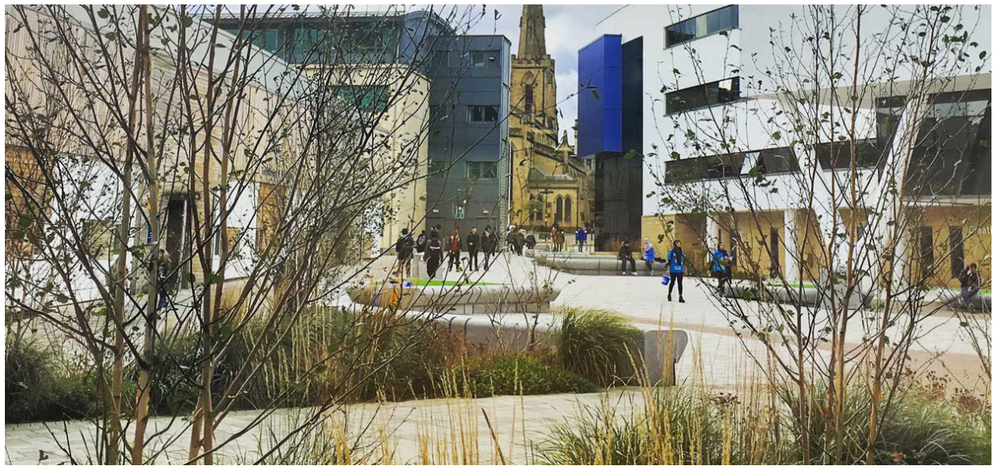
The landscape design for the University of Huddersfield's Campus focuses on transforming the site into a vibrant, student-centric environment.

By integrating high-quality green spaces with strategically placed seating, the design creates an atmosphere that encourages students, local staff, and visitors to slow their pace and enjoy a premium campus lifestyle.

The landscape vision is to apply the sustainable urban drainage (SuDS) strategy, which features rain gardens designed to efficiently manage surface water runoff by directing it away from building thresholds and into soft landscape zones. This approach not only provides functional water management but also serves to significantly enhance the site's biodiversity through the introduction of varied planting palettes and habitat-rich corridors.



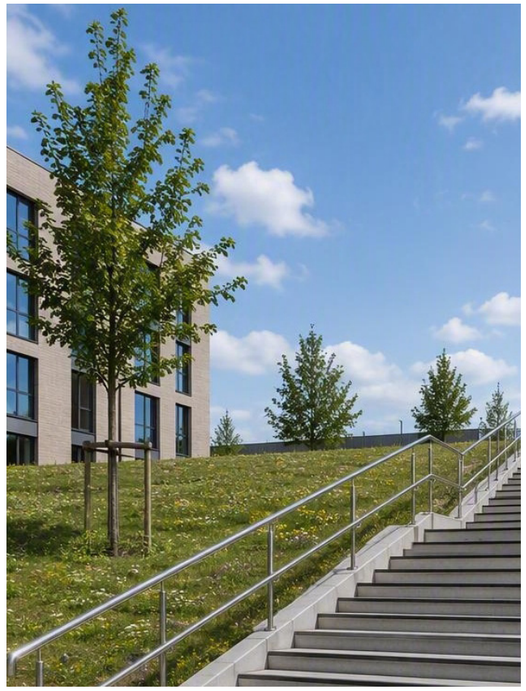












# 6. LANDSCAPE MASTERPLAN

Northern Gateway & Boulevard

Our design for the northern section focuses on creating a high-quality boulevard. This area acts as a vital link to the wider city and campus context, transforming a vehicle-dominated space into a vibrant, student-centric environment. By integrating green spaces with strategically placed seating, we encourage students and staff to slow their pace and enjoy a premium campus lifestyle.

Materiality and Character

The choice of materials plays a critical role in defining the site's character. We have selected high-quality paving materials that are durable and visually consistent with the wider site context. This includes Yorkstone, which has already been used in the existing campus landscape, and high-quality concrete paving blocks. These materials help define clear pathways and create a cohesive, professional look across the new Transport Hub.

Soft Landscape & Rain Garden (SuDS)

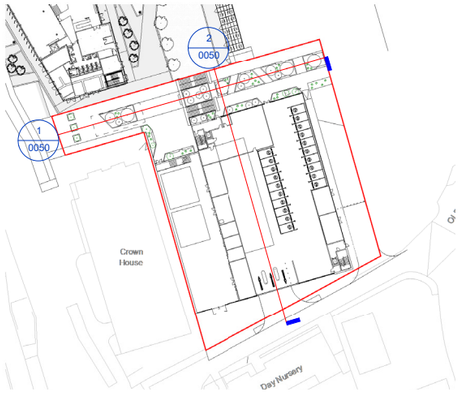
Our vision incorporates a sustainable urban drainage (SuDS) strategy through the use of rain gardens. These are designed to efficiently manage surface water runoff by directing it away from building thresholds and into soft landscape zones. This approach not only provides functional water management but also significantly enhances the site's biodiversity through habitat-rich native planting.

1 BOULEVARD

2 ACCESS ROAD



# 7. SECTIONS




**Section 1**
1 : 100



Rain garden | Paving | Rain garden | Paving | Rain garden | Paving | Rain garden | Paving | Species Rich Grass | Paving | Rain garden | Paving

**Section 2**
1 : 100



Paving | Rain garden | Paving | Planting | Proposed Building Block | Access Road

# 8. SITE LEVELS

## Levels, Steps and Accessibility

A key feature of the design is the management of site levels and steps. In line with relevant accessibility guidance and best practice principles, the proposals around the northeast building entrance incorporate a coordinated system of steps. This design balances the different floor finishes of the building with the external ground levels, ensuring a functional, inclusive, and seamless transition for all users.



# 9. ACCESS & CIRCULATION

## Vehicle Access

The southern area of the site is primarily designed for functionality and logistics. It serves as the main vehicle access road, ensuring that the transport hub remains highly accessible for buses and cars while keeping the pedestrian-focused boulevard to the north safe and undisturbed.

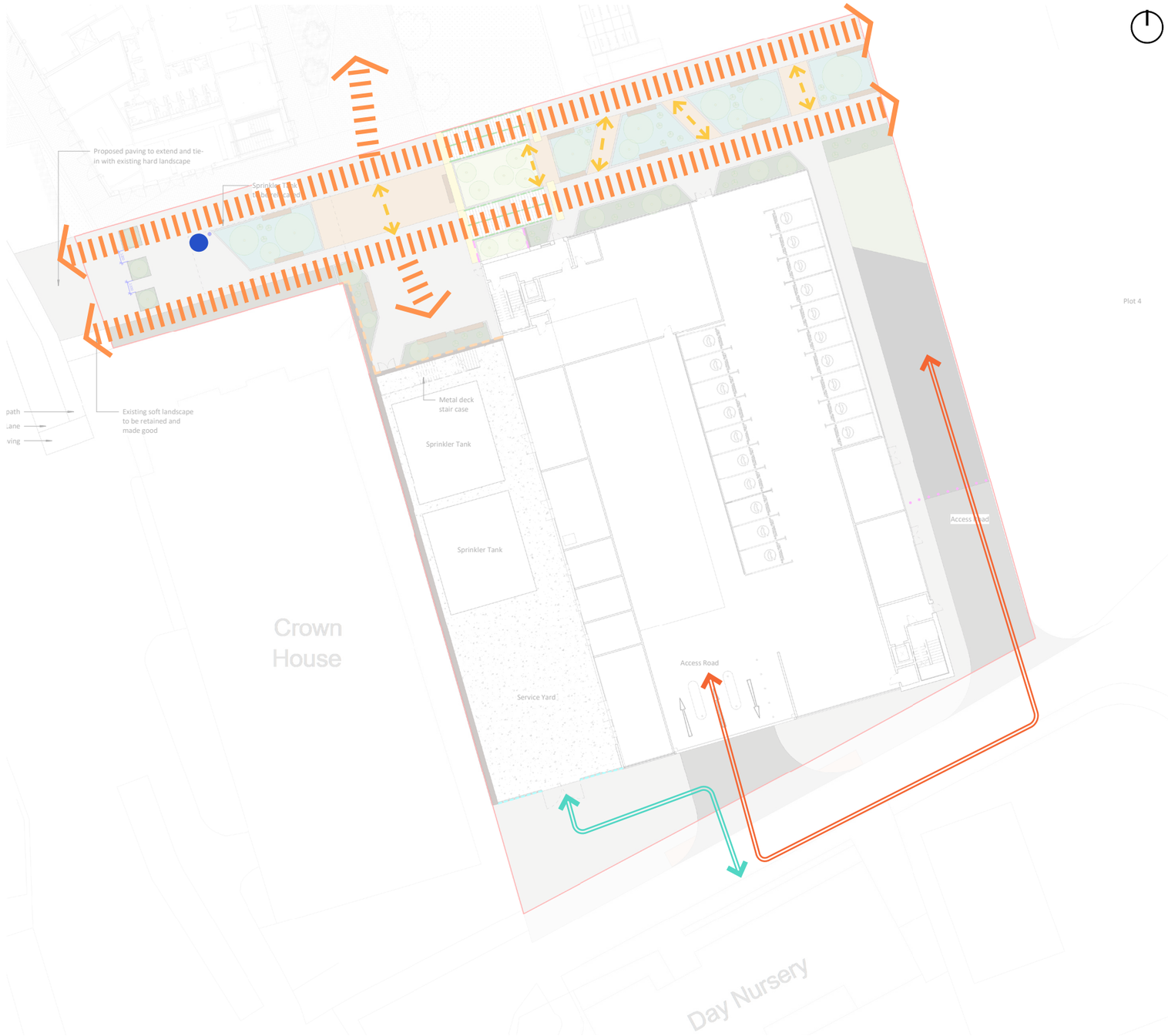
## Pedestrian Access & Wayfinding

Pedestrian movement is focused along the main boulevard, which will serve as the primary route through the development and provide a key connection between the transport hub, surrounding campus facilities, and the National Health Innovation Campus. To support this movement, a clear and legible wayfinding strategy is incorporated within the design. A wayfinding totem positioned at a principal arrival point will provide orientation and assist visitors in navigating the site and wider campus. Together, these measures will help create an intuitive, safe, and accessible environment, ensuring pedestrian routes are easy to identify and follow.

**KEY:**

- Vehicle Access
- Service Vehicle Access
- Main Pedestrian Access
- Secondary Pedestrian Access
- Wayfinding Post to Main Entrance (Indicative Location)





# 10. HARD LANDSCAPE

### Hard Landscape Strategy

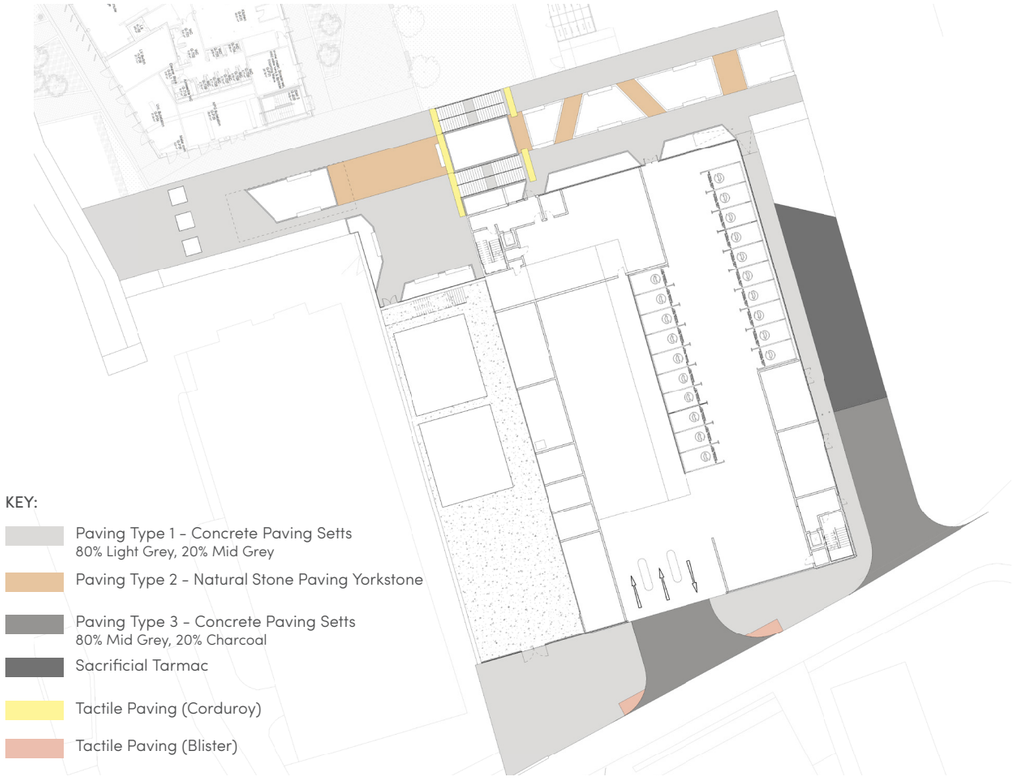
The choice of materials is designed to be both functional and high-quality, ensuring the new Transport Hub matches the existing campus character.

Yorkstone Paving: Natural Yorkstone is used specifically to define “pocket spaces” and garden seating areas. This material complements the surrounding landscape and creates a premium, comfortable feel for the social zones where students and staff gather.

Concrete Paving Blocks: High-quality concrete blocks are used for the main pathways and larger surface areas. These provide a robust, durable, and slip-resistant finish for high-traffic pedestrian routes.

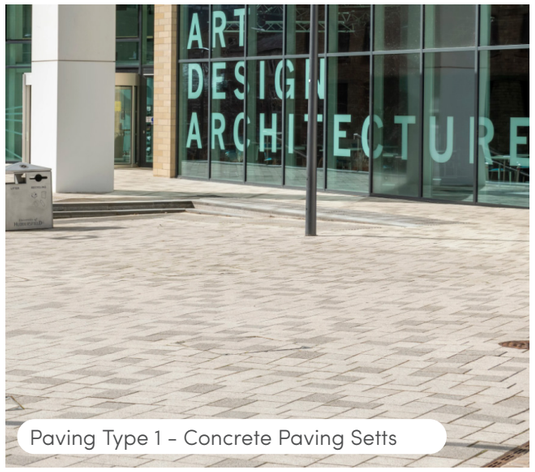
Edging: To provide clear definition between levels and materials, granite setts or concrete edgings are used. These provide a strong “frame” for the paving, helping to guide pedestrians and protect the edges of the soft landscape and rain gardens.

Tactile Paving: In areas where there are steps or crossing points, tactile paving is integrated. This ensures the site is inclusive and safe for all users by providing clear underfoot warnings of level changes.



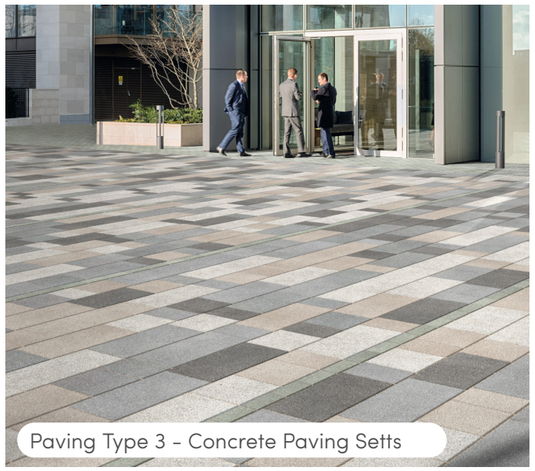


Tarmacadam



Paving Type 1 - Concrete Paving Setts


Paving Type 2 - Natural Stone Paving


Paving Type 3 - Concrete Paving Setts


Steps Unit & Tactile Paving


Tactile Paving (Blister)

# 11. STREET FURNITURE

### Heavy Vehicle Mitigation Planter

HVM planters will be positioned at key arrival points along the primary pedestrian route. These elements will help define the pedestrian environment while providing a discreet safety measure for users moving through the area. Their placement will support pedestrian protection without creating unnecessary visual or physical barriers, ensuring the route remains accessible, legible, and welcoming.

### Seating

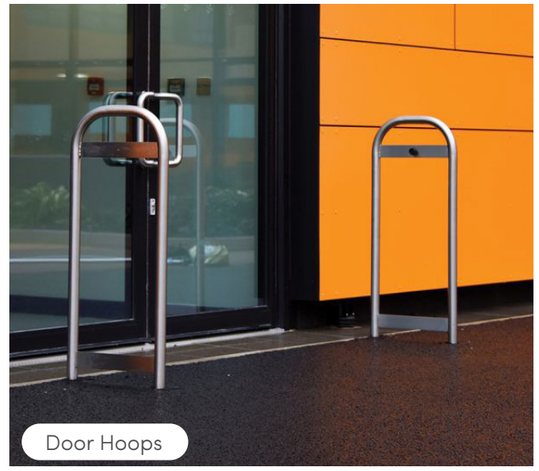
Benches are proposed in a timber slatted style, tying in with the wider design language established by the adjacent Health and Wellbeing Academy development. This material approach will help create a consistent public realm character across the site, while providing comfortable places for rest along the pedestrian route.




KEY:

Proposed HVM Planters

Proposed Benches



Door Hoops

- Product: Stainless Steel Door Hoops BD14DB
- Supplier: Broxap or similar approved
- Material: Brushed Stainless Steel
- Dimensions: 1320mm x 450mm x 42mm



Benches

- Product: Metrolinia Seat 1200 with Armrest
- Supplier: Marshall or similar approved
- Material: Precast Concrete with Timber Seating
- Dimensions: 1200mm x 600mm x 450mm



HVM Planters

- Product: Highlife III Planters
- Supplier: Streetlife or similar approved
- Material: Steel with Timber Panels
- Dimensions: 1500mm x 1500mm x 900mm

# 12. **PLANTING STRATEGY**

## Soft Landscape

The soft landscape design integrates a sustainable drainage (SuDS) strategy with a diverse planting palette to enhance the campus environment.

A mix of large single-stem trees frames the main boulevard to provide shade and structure, while smaller multi-stem trees create an intimate, garden-like feel within the seating areas.

These trees are selected to offer changing colors throughout the seasons, creating a vibrant visual experience. This greenery is combined with rain gardens that manage surface water runoff naturally, filtering the water while significantly increasing the site's biodiversity and providing new habitats for wildlife.

## Existing Trees & Arboriculture

There are no existing trees within the site boundary. Consequently, there are no trees to be retained or removed as part of the proposed development. This provides opportunities for new planting to enhance the site's landscape character, biodiversity, and environmental quality.




KEY:

- Planting
- Rain Garden
- Species Rich Grass
- Proposed Trees
- Proposed Shrubs

# 13. PLANTING STRATEGY

Trees

Trees will be introduced along the pedestrian route to enhance the character and comfort of the public realm. Their placement will help soften the built environment, provide seasonal interest, and contribute to a more attractive arrival experience for pedestrians moving through the site. Tree planting will also support the wider landscape strategy by adding structure, shade, and visual continuity across the scheme.





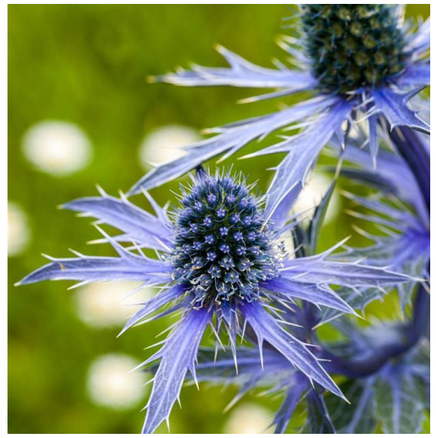




# 14. PLANTING STRATEGY

Rain Garden- Sun Mix

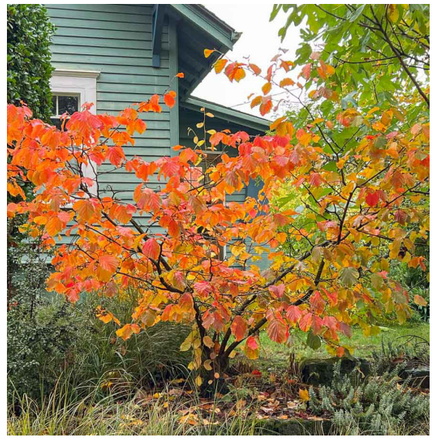
Ornamental planting will be used to enrich the pedestrian environment and provide colour, texture, and seasonal variation throughout the site. Planting areas will help define key movement routes and soften the edges of hard landscape spaces, creating a more welcoming and human-scaled public realm. The planting palette should be robust and suitable for the site context, supporting long-term visual quality while requiring appropriate levels of maintenance.











# 15. PLANTING STRATEGY

### Ornamental Planting - Shade mix

Examples of perennials, ferns, grasses and shrubs to use in ornamental mixes for half-shaded / shaded areas














# 16. **BIODIVERSITY**

## Biodiversity

The landscape strategy places a strong emphasis on the retention, enhancement, and creation of soft landscape across the site. This is achieved through the retention and enhancement of existing vegetation along the top of Crown House, supporting the preservation and strengthening of established habitats.

A diverse planting palette and integrated SuDS strategy will enhance the site's ecological value. New native and wildlife-friendly planting will provide food sources, shelter, and habitat opportunities for birds and pollinating insects, while SuDS features will contribute to biodiversity enhancement and sustainable surface water management.

Please refer to the Ecologist's information for further details on Biodiversity Net Gain.














## Newcastle

**Door 19, Teapots 2,**
**Hoults Yard, Walker Road,**
**Newcastle Upon Tyne**
**NE6 2HL**

T: 0191 281 3775
E: newcastle@oobe.co.uk

## Glasgow

**201 West George Street,**
**Glasgow**
**G2 2LW**

T: 0141 301 146
E: glasgow@oobe.co.uk

## Edinburgh

**91 George Street,**
**Edinburgh**
**EH2 3ES**

T: 0131 241 0309
E: edinburgh@oobe.co.uk

## Birmingham

**321 Bradford St, Birming-**
**ham,**
**B5 6ET**

T: 0121 450 9128
E: birmingham@oobe.co.uk

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