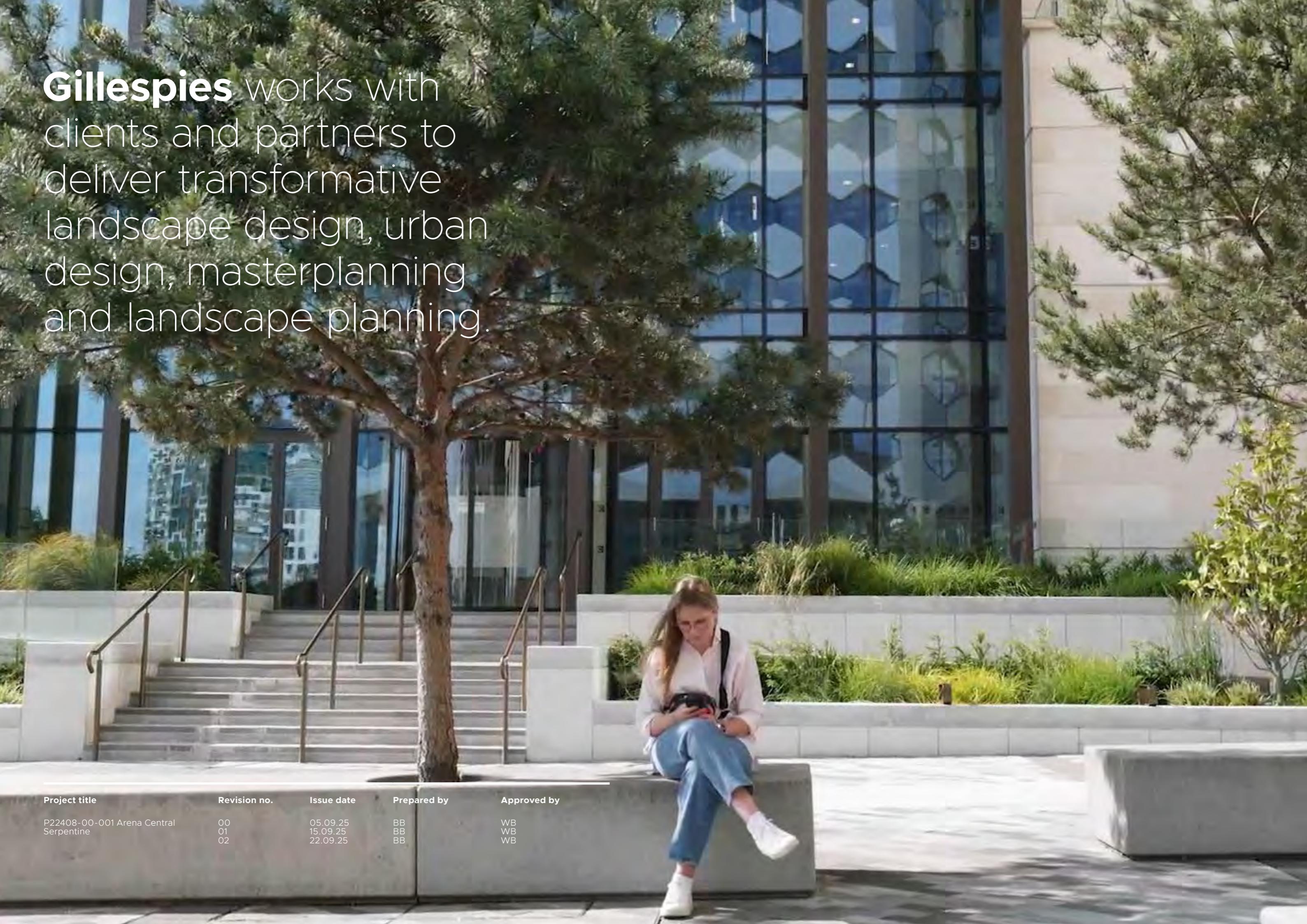


# Arena Central | The Serpentine

Design and Access Statement

**Gillespies** works with clients and partners to deliver transformative landscape design, urban design, masterplanning and landscape planning.



**Project title**

P22408-00-001 Arena Central  
Serpentine

**Revision no.**

00  
01  
02

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**Prepared by**

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# 1.0 Introduction

## 1.1 Planning Application

### The Application

This application is for the proposed landscaping that runs North to South through the Arena Central Masterplan a linear park landscape route named as 'The Serpentine' after its flowing aesthetic. It forms an accessible route down the site topography connecting Broad Street (Centenary Square) at the north with Holliday Street at the south. The wider Arena Central landscape campus is delivered across a series of application phases, all following consistent vision and principle for a landscape to be read as one site-wide unified Arena Central address.

The landscape proposals are coordinated with several previous applications made for the following phases; 5 Centenary Square (5CS), 2 Arena Central (2AC), 3 Arena Central (3AC), all subject to separate applications. However, reference is made within this document to provide context, due to the strong connection between the landscape that runs through these application boundaries.

The Arena Central Development Limited (ACDL) masterplan vision has been refined as the design of the phases has progressed and this application shows how it will connect with completed phases already built future phases in time to deliver a integrated site wide landscape campus.

### The design process & consultations

The landscape design has been developed in coordination with adjacent projects, including the Metro at Centenary Square to the north, the completed Arena Central 2AC / 3AC / 301 to the east that include key spaces; 'Bank Court' and the 'Green terrace'. The design also interfaces with the proposed 5 Centenary Square scheme at the north, which is set to deliver the northern section of 'the serpentine' route and align with the wider campus vision/ design language.

This application is a new full planning submission; however, for reference and to assist the planning review, we confirm the landscape proposals and key objectives remain consistent with those previously consulted with Birmingham City Council as part of 5 Centenary Square NMA and earlier

applications for the northern segment of the serpentine with minor refinements such as interfacing with more detailed survey and 'as built phases'.

To aid tracking the development of this application, we note since the original 3AC planning submission, the 'serpentine' has undergone a series of minor refinements, including:

- Bridge Street access coordination** - The pedestrian serpentine route connects with the East west colonnade for pedestrian permeability.
- 301** - Landscape works don't have a direct boundary connection but the 5CS and 301 latest layouts and built plans to be incorporated to show full joined up plan.
- 5CS Coordination** - Landscape works have minor path alignment changes to tie in exactly with the latest 5CS application and planting development.
- Rest Points** - Seating and furniture are provided along the the serpentine, creating rest points and adding social activation points/ linear park character.
- 3AC Access Points** - Minor refinements in path and levels to match to 3AC 'as-built' steps to ensure connectivity and level landing/ interface base of steps.
- Holliday Street coordination** - The levels, interface, existing BT cabinets, services and HVM are coordinated to create the serpentine entrance at Holliday Street.
- Furniture** - Light columns/ bollards are consistent with previous applications/ 'as-built' on site. Minor handrail alignment to rationalise against as built façades.
- Planting** - Planting is developed from previous application to increase biodiversity BNG, responding to day 1 context, may require adjustments should future 4/5CS plots substantially change shade/ microclimate.



Illustrative masterplan

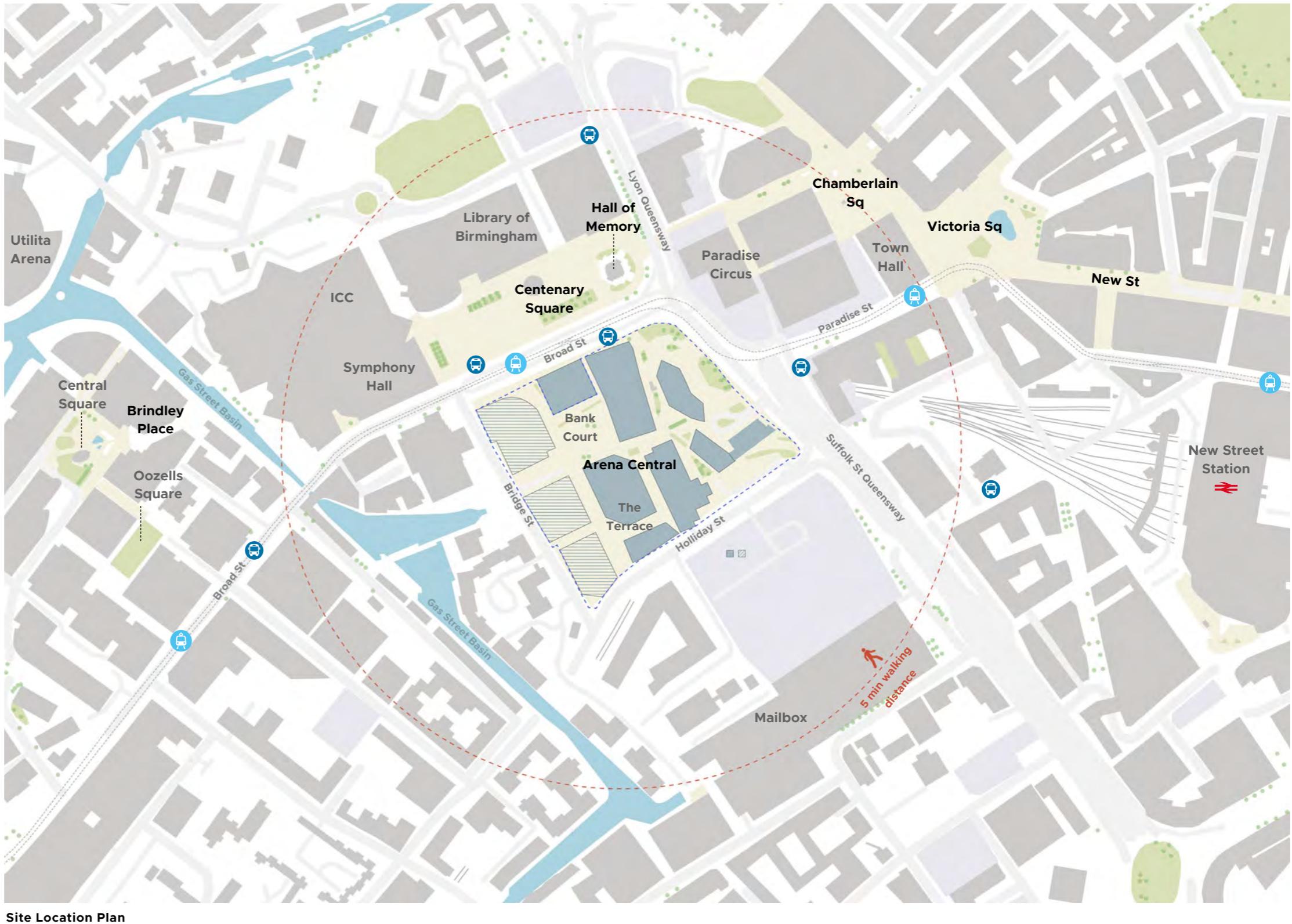
Serpentine Planning boundary

# 1.0 Introduction

## 1.2 Site Location

The Arena Central site is located in a prominent position within Birmingham city centre, immediately south of Centenary Square a civic and cultural landmark. It sits between Centenary Square to the north, home to the Library of Birmingham and the Hall of Memory, and the Mailbox to the south, a major retail and office destination.

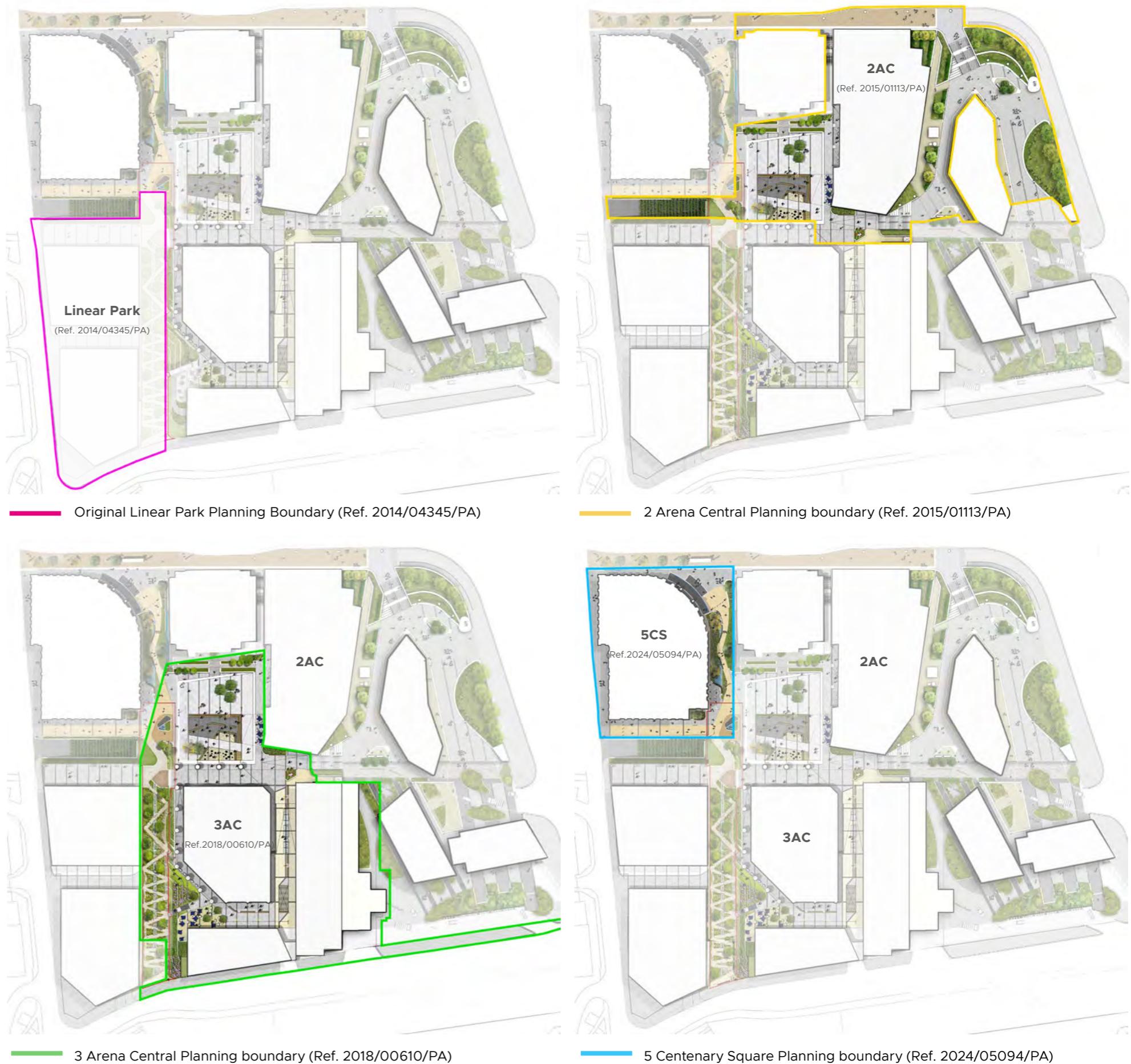
The site is well connected via public transport, with multiple bus and tram stops along Broad Street to the north of the site, and is within a short walking distance of New Street Station, one of the UK's busiest rail hubs. Arena Central is framed by significant public spaces such as Victoria Square, Chamberlain Square, and Brindley Place, making it a key node within the wider city network and a vital part of Birmingham's central urban fabric.



# 1.0 Introduction

## 1.3 Planning Boundaries

The Arena Central masterplan has been delivered in phases, each with its own planning boundary and associated public realm. The diagram series illustrates the various planning boundaries across the scheme and demonstrate that the design intent across the phases maintains a coherent vision for an attractive public realm campus.



## 1.0 Introduction

### 1.3 Planning Boundaries

The planning boundary for this new application for 'The Serpentine' has been aligned with neighbouring consented and proposed schemes to ensure a well-coordinated transition between project phases. It also provides a consistent defined boundary that picks up the full extent of the south serpentine to avoid any gaps or discrepancies across prior applications.

The Boundary has a minor overlap with 5CS boundary to align with Leasing Boundaries but this overlap is consistent/ like for like with the current 5CS application.

For ACDL Arena Central Ownership boundaries refer to attached GA plan that coordinates boundaries in detail.



# 1.0 Introduction

## 1.4 Arena Central Context

The Serpentine is a crucial piece of the landscape circulation creating a soft informal linear park through the entire masterplan north to south. It also connects the two significant public spaces; the hard more formal 'Bank Court' to the north and the softer space known as 'The Terrace' to the south.

The architectural assets create a diverse and dynamic urban fabric that connects with each other, the city, and the surrounding public realm. The campus landscape and materiality establish a cohesive identity that both unifies the buildings and provides access to the wider city, while offering spaces for occupants to meet, socialise, and engage throughout the day.



Bank Court



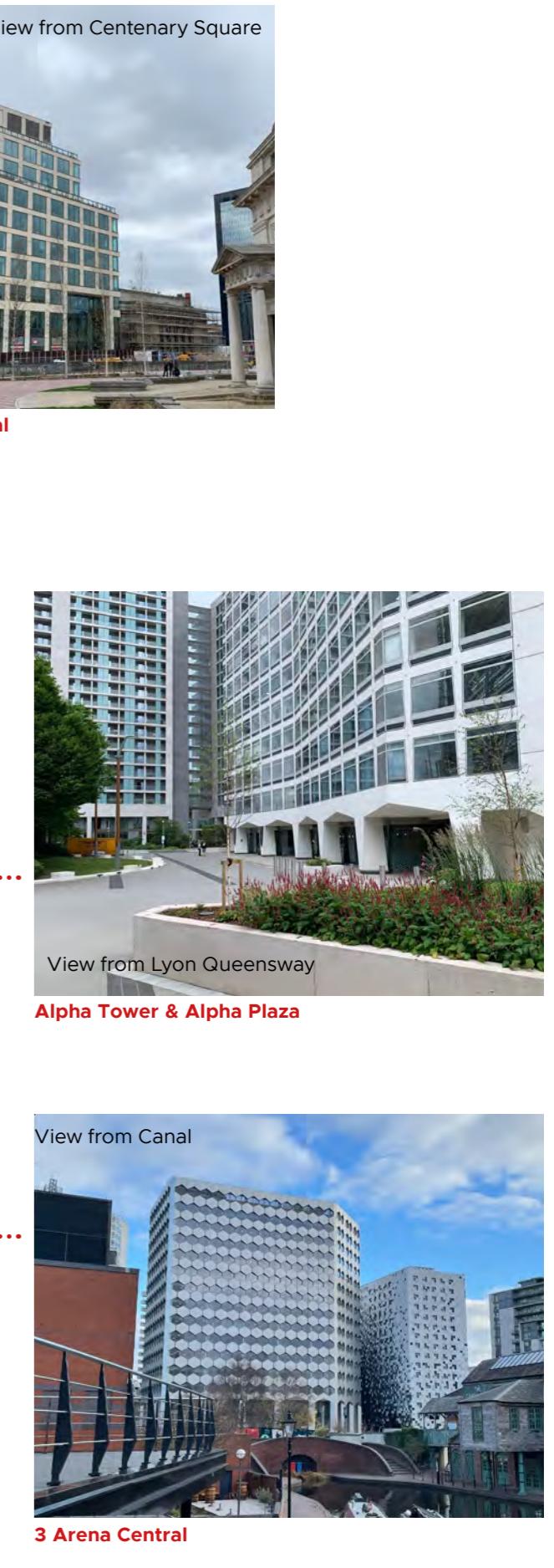
The Terrace



5 Centenary Square

View from Bank Court

2 Arena Central



View from Lyon Queensway

Alpha Tower & Alpha Plaza

View from Canal

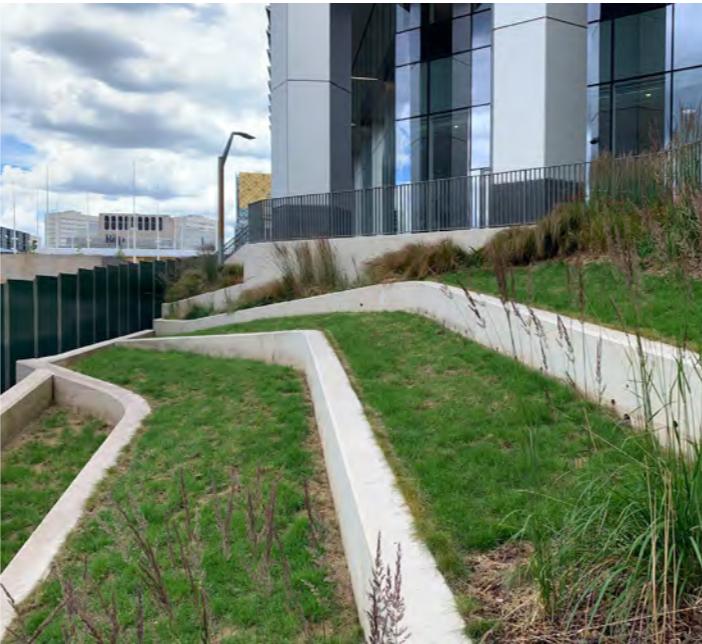
3 Arena Central

# 1.0 Introduction

## 1.4 Arena Central Context

The existing Arena Central public realm campus presents a distinctive character that informs the design of the Serpentine. It features a contemporary formal aesthetic interwoven with a naturalistic more informal quality. Formal contemporary paved plazas such as Bank Court are complemented by more relaxed, resin-bound gravel paths of the serpentine, creating a balanced contrast. The contemporary elements reference the architecture, while the natural greenery softens, adds texture, and a sense of human scale/ comfort within the urban environment.

A Sustainable Urban Drainage (SuDS) water channel provides sustainability and ecology benefits along with a subtle feature that threads its way through the masterplan,



Landscape terraces at 3 Arena Central/ serpentine boundary



Bank Court paving tones



Visualisation of first section of the serpentine to be delivered as part of 5 Centenary Sq



View of 3 Arena Central (3AC) from Bank Court



SuDS water channel (construction prototype)



Plant swathes, serpentine/ 3AC border



# Masterplan

Overarching principles of the Arena Central masterplan

# 2.0 Masterplan

## 2.1 The Arena Central Masterplan

The Arena Central masterplan prioritises pedestrian connectivity and permeability through a high-quality public realm site campus. The Public Realm includes areas for connectivity and movement and also key spaces for activity at the heart of the development.

The key spaces include; 'Bank Court' a hard formal urban plaza that acts as the heart of the development. It provides a setting for programmed activity, socialising, potential cafe spill out whilst supporting the Arena Central buildings, occupiers and visitors.

To the south is 'The Terrace', a dramatic stepped green space that utilises the natural slope of the site. The terrace provides space for potential active spill out and informal socialising and this softer greener space balances the harder more formal 'Bank Court'.

The north-south 'Serpentine' route is a key element of the masterplan, that provides a valuable green city connection that also links together the Bank Court and Terrace to help unify the campus.

Important east-west connections are supported by a colonnade that links Alpha Plaza to the canal that crosses the serpentine route at the SW corner of Bank Court a important node celebrated by subtle adjacent water feature.

As the Arena Central plots are developed the masterplan principles are key in ensuring any forthcoming applications align with the campus design aspirations and provide a cohesive scheme.



# 2.0 Masterplan

## 2.2 Landscape Strategy

This proposed landscape scheme delivers the southern section of the serpentine route connecting Bank Court to Holliday Street negotiating the site levels and 'The Terrace'.

A radiating plaza feature at Broad Street 5 Centenary Square entrance creates a threshold to Arena Central at the north connecting to Centenary Square and the Metro. It will link to the Serpentine route that creates comfortable access with a green linear park type route that passes through the development connecting the primary space 'Bank Court' – a large hard plaza space at the north of the site – and also to 'The Terrace' – a softer, smaller space with dramatic level changes located to the south.

Harder more urban routes pass through the development east to west linking across the masterplan such as the east west colonnade.

This landscaping proposal will support the Arena Central vision by providing a new parkland-type green and relaxed informal landscape amenity route for the city centre.

### Vehicle access and servicing

The masterplan is designed with consideration and understanding of the principles of inclusive design.

Buildings are generally serviced outside the north-south route, generally from Bridge Street, Holliday Street or via Alpha Plaza, keeping the central campus a pedestrian focussed environment, controlled by bollards.

Where occasional maintenance/ emergency vehicle access

is required, a route from Bridge Street to Bank Court is tracked by project engineers and accommodated discretely into the landscape to ensure its clear of furniture however avoids a obvious road, maintaining a pedestrian character campus. Any servicing to be scheduled by facilities management eg outside core hours.

Vehicle access is controlled at the threshold gateways to the campus using discreet raised planter elements, permanent furniture and fixed or access bollards where controlled maintenance access is required.

The scheme has been designed with specific regard for Equality / Accessibility requirements to create an accessible place for all people, office workers, visitors and local residents, to add a resource for the community.

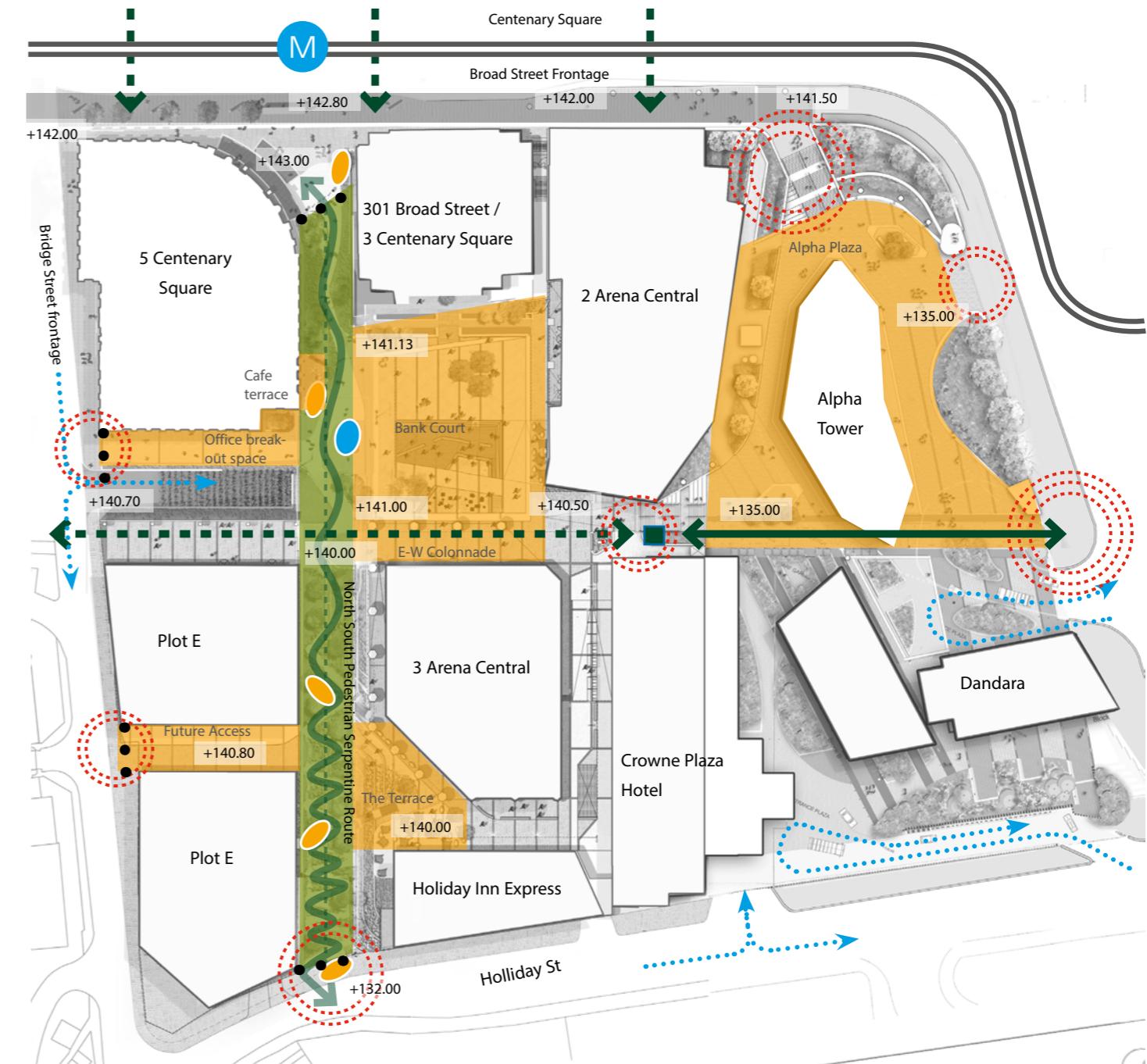
Areas used solely for inspection, repair or maintenance are not designed for fully inclusive access, in line with the scope of Part M of the Building Regulations. The meaning of 'disabled' in this Access Statement is the definition stated in the Equality Act 2010. An outline of the features of the building with regard to disabled access is described here.

### Building entrances & Pedestrian Accessibility

There is a clear and convenient approach for pedestrians at street level from all sides from site boundary e.g. Metro Stop, vehicle drop off or surrounding streets to the building main entrances. Accessibility approach is covered in further detail in following section,

### Key

- (○) Pedestrian Gateway
- (■) Public Realm Spaces
- (—) Serpentine Walk
- (···) Vehicle Movement
- (●) Social/Seating Area
- (—) Metro Line
- (●●●) Vehicle Control
- (■) Public Lift



# 2.0 Masterplan

## 2.3 Pedestrian Connections

Arena Central occupies a pivotal location in Birmingham city centre, with strong pedestrian routes and public transport connections linking the development to the wider city.

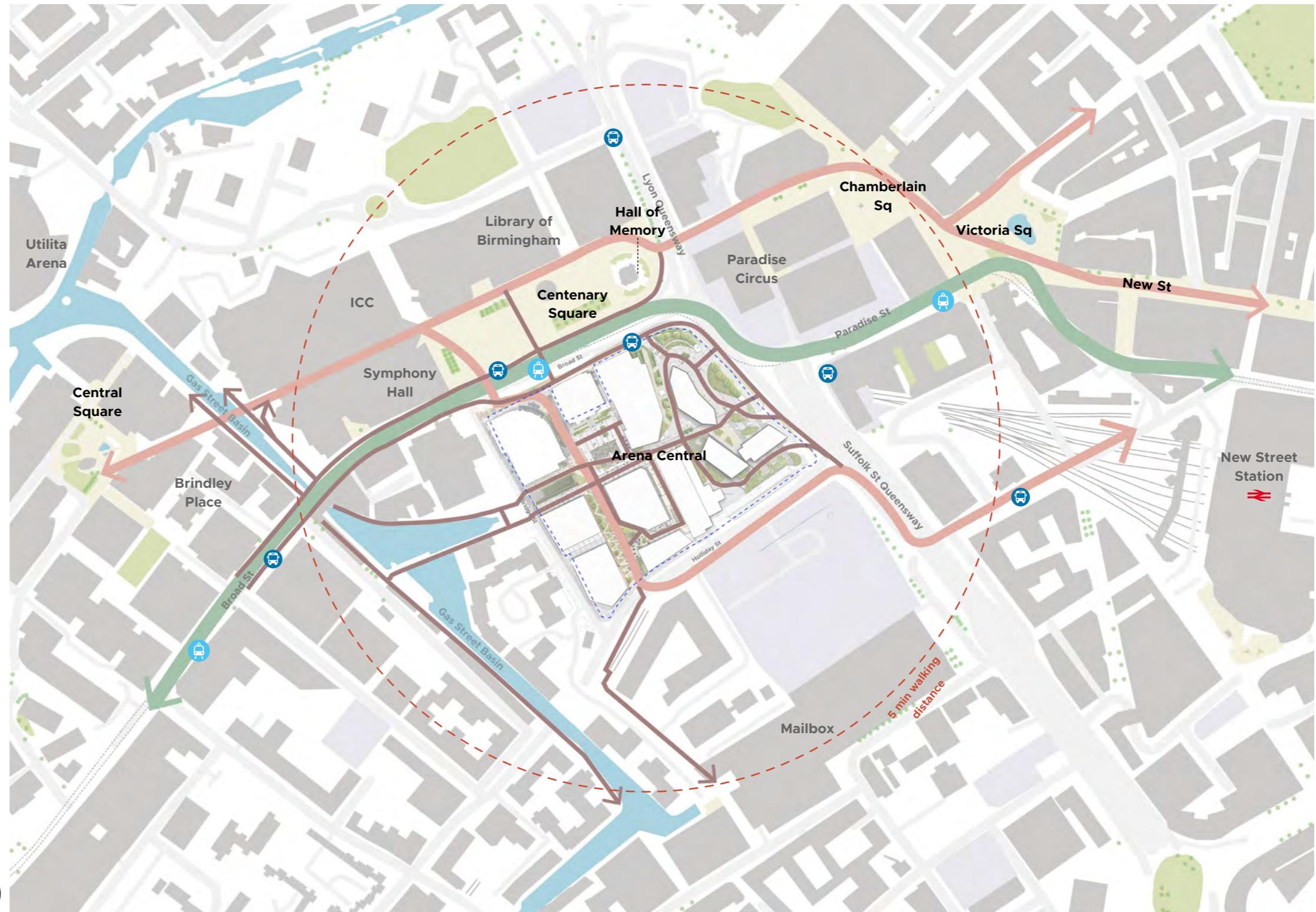
To the north, the site connects directly to Centenary Square, one of Birmingham's most prominent public spaces and cultural hubs, which provides well-used pedestrian routes between the city centre and Brindley place.

Pedestrian crossings from Centenary Square over the tram and bus corridors align with the north-south Serpentine route, which continues through Arena Central and links southwards to Holliday Street, creating a direct onward connection to New Street Station.

In addition to this north-south axis, the masterplan establishes an east-west route across the site, extending from Alpha Plaza in the east through to the Gas Street Basin canal in the west.

### Key

-  Metro Stops
-  Bus Stops
-  Existing Buildings
-  Existing Green Space
-  Ownership Boundary
-  Secondary Pedestrian Routes
-  Primary Pedestrian Routes
-  Tram Route



# 2.0 Masterplan

## 2.4 Accessibility

The masterplan aspiration is to ensure the site is fully accessible, ensuring level access across the site wherever possible. However, the north-south topography presents a challenge of an 11-metre level change from Centenary Square down to Holliday Street.

This level change is addressed through the Serpentine, through the use of a gently winding route designed to ambient gradients of 1:21 or greater, compliant with Part M regulations and suitable for wheelchair access. This provides improvement from the Bridge Street route, which has a 1:14 gradient and steeper locally without rest points.

The proposal and its integration with the masterplan connects to adjacent streets and key drop-off locations, including metro and bus stops, taxi ranks, and parking areas, supporting pedestrian accessible routes to all building main entrances served by dedicated accessible routes.

The landscaped serpentine route provides a N-S connection through integrating the ambient gradients greater than 1:21 along with seating rest points at key intervals along the route.

The Serpentine route crosses an E-W pedestrian route, that links to a public access lift to connect between Bank Court and lower Alpha Plaza vehicle drop off.

The combination of East West and North South accessible routes connect all areas of the masterplan to the 4 edges of the city block.

Steps are provided in addition to slopes, on the serpentine to offer a more direct option to the winding route, or up to 3AC with steps and handrails.

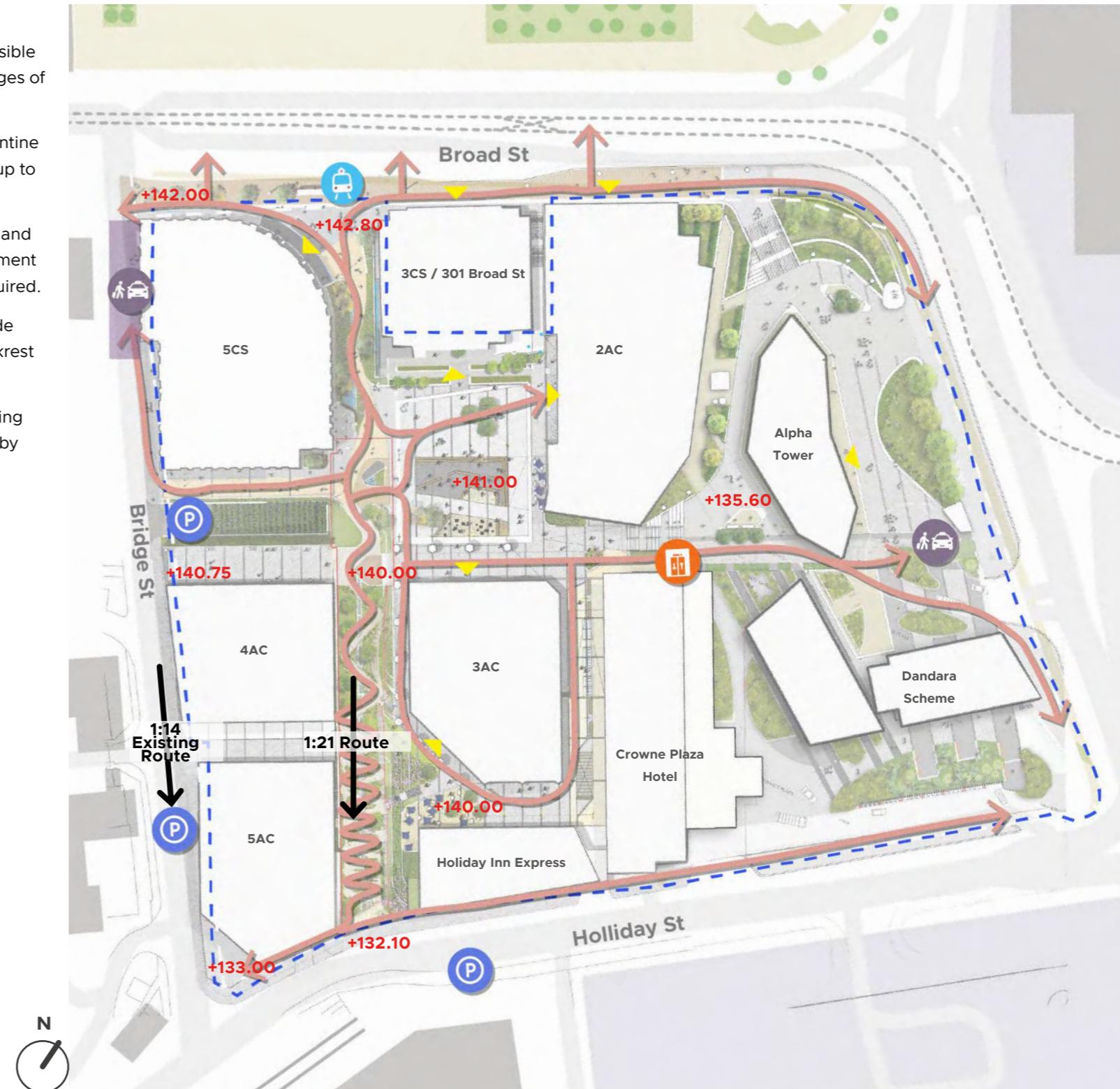
Paving materials are selected for good slip resistance and flush surface levels for ambient safe pedestrian movement accompanied by contrasting tactile paving where required.

All open spaces; 'Bank Court' and 'The Terrace' include substantial flexible seating including armrest and backrest for variety of users to comfortably use.

Sight lines are maintained using tree clear stem, keeping facade zones clear to provide safe access, supported by good light levels throughout and CCTV in key spaces.

### Key

-  Metro Stops
-  Taxi Rank
-  Accessible Pedestrian Circulation
-  Parking
-  Public Lift
-  Building Entrances



Accessibility Diagram



# Design Response

Landscape design proposals for the Serpentine

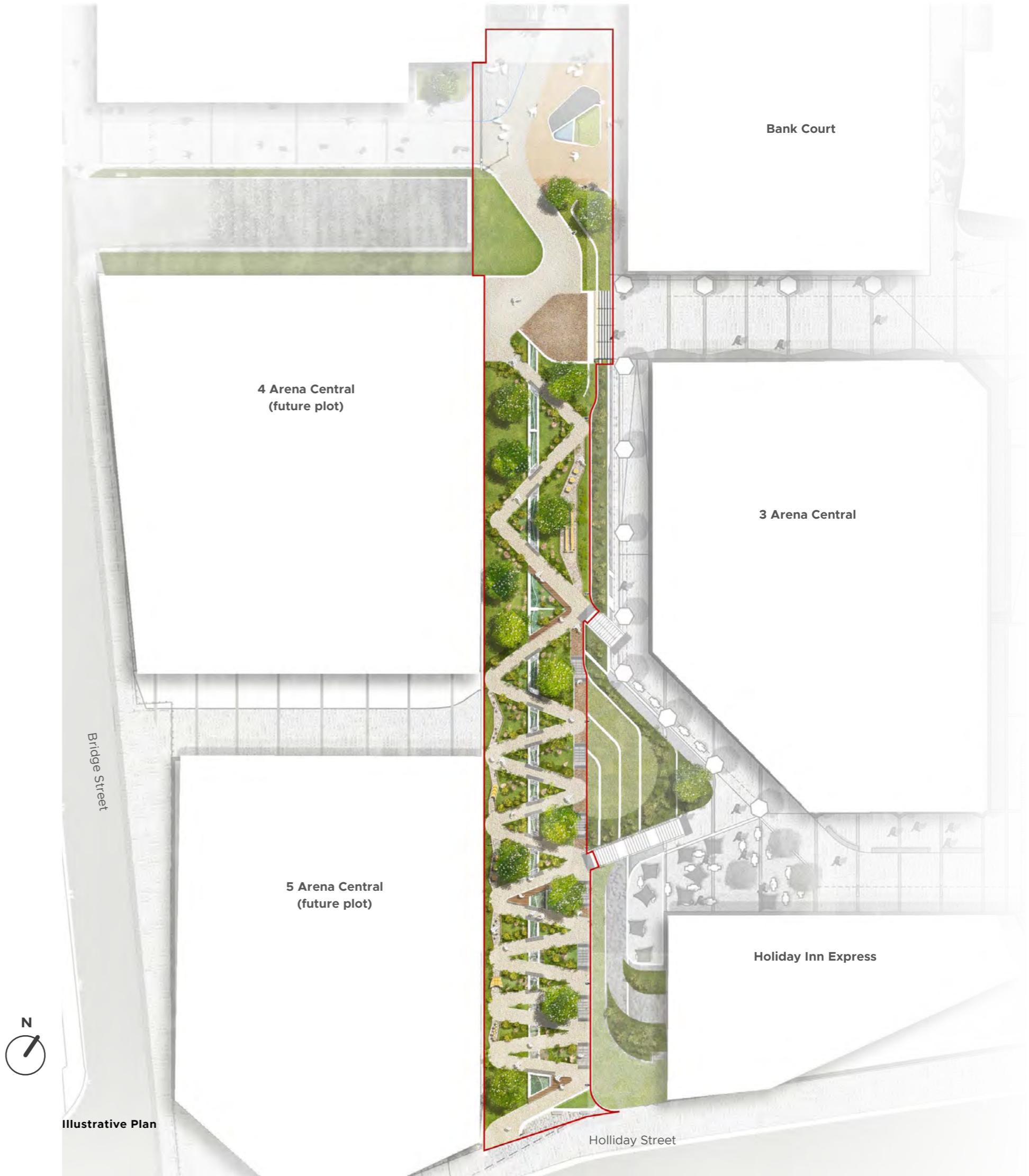
# 3.0 Design Response

## 3.1 Landscape Proposal

The landscape concept notionally pours a soft planted landscape character down the sloping topography of the Serpentine north-south pedestrian route passing between 3 Arena Central and the future plots to the west. This vision creates a strong juxtaposition between the informal flowing landscape and the formal geometry of the buildings. The route meanders down the site's dramatic topography to create a dynamic 'natural' character that creates a welcoming accessible linear parkland route from Birmingham city centre.

The design has also been crafted to compliment the current Arena Central campus, linking seamlessly to the existing 3 Arena Central works providing a natural environment for building occupants and visitors to occupy.

The route is activated by surrounding overlooking buildings, potential cafe spill out at The Terrace along with series of rest/ social points at key nodes, and informal play on the way short cuts to encourage use by the wider public.



# 3.0 Design Response

## 3.2 Character Areas

The landscape design is structured around three distinct routes that weave through the naturalistic setting:

- **The Serpentine Path** – a gently winding, fully accessible pathway offering a leisurely route through the landscape interspersed with social seating areas.
- **The Express Route** – a direct, stepped route providing pedestrians with an efficient connection to their destinations and connecting routes to The Terrace.
- **The Play on Way Trail** – an interactive trail designed for younger visitors, incorporating small play equipment and intertwining with the Serpentine Path.

At the heart of the Serpentine, a linear sustainable urban drainage channel (SUDS) introduces both functional and ecological value, delivering environmental benefits through management of water while reinforcing the site's north-south connection. The SUDS water channel is a planted and pebble feature that attenuates and slows the surface water run off from the wider scheme, it visually informs visitors of sustainable issues whilst also incorporating ecological drought tolerant planting within this linear feature.

Planting provides a green setting for the pedestrian routes and an informal parkland aesthetic using swathes of flowing planting for a naturalistic contemporary approach.

### Key

- Planning Boundary
- Pedestrian circulation
- Serpentine Planting
- SuDs Water channel
- HVM bollards
- Play trail
- Seating Areas
- Tree Planting

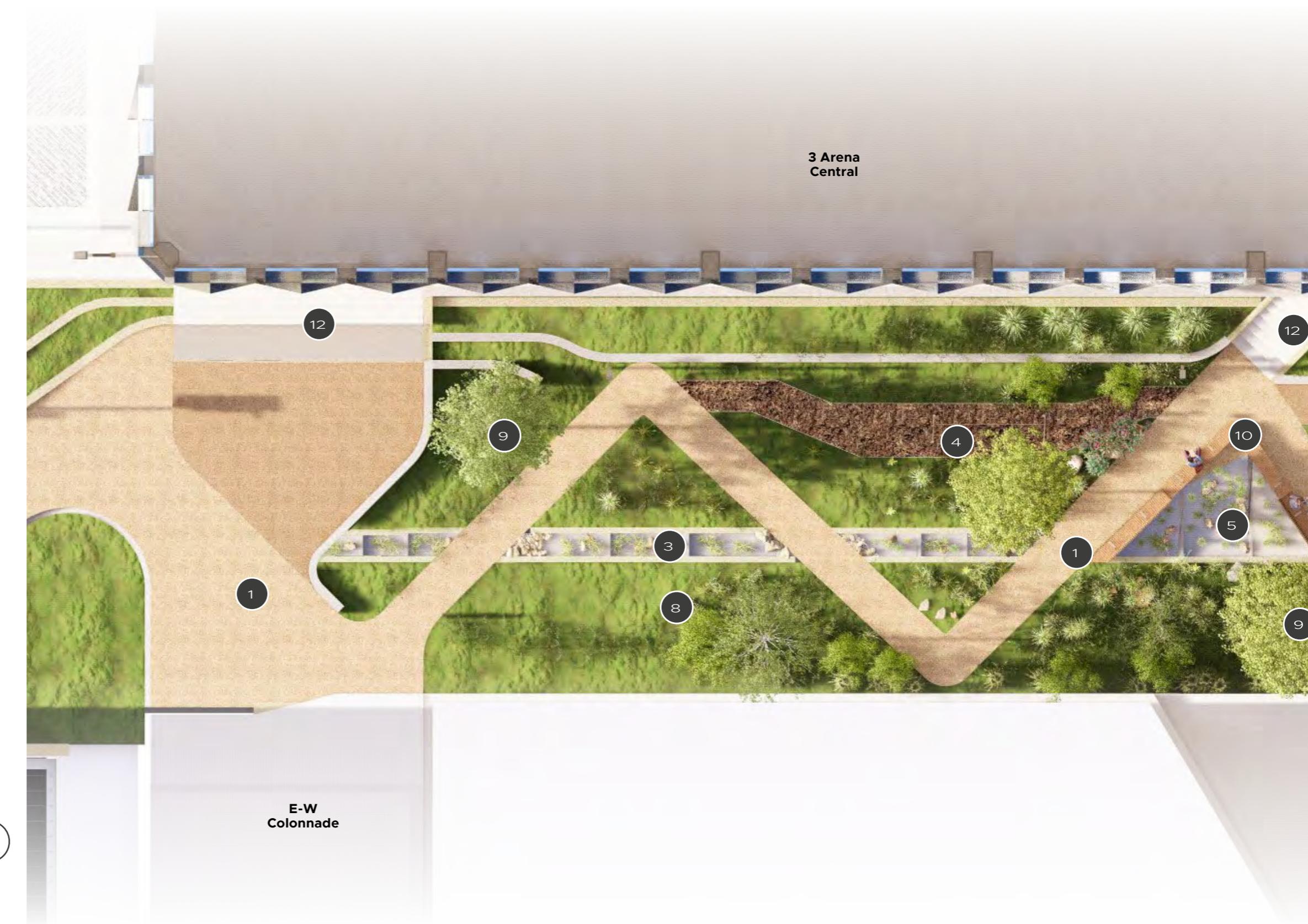


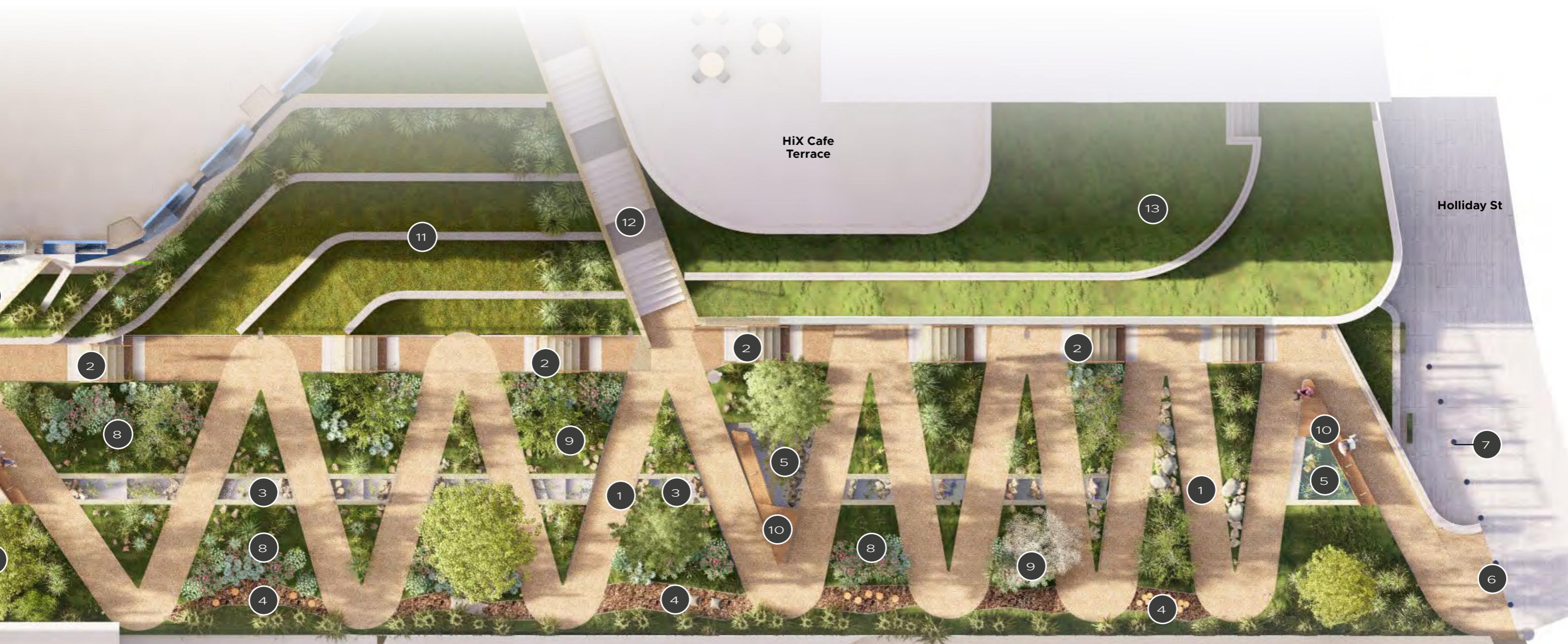
# 3.0 Design Response

## 3.3 The Serpentine Proposals

### Key

1. Serpentine Resin Bound Gravel Pathway (max 1:21)
2. Express Stepped Route
3. SUDs Water Channel (drought tolerant planting)
4. Play on Way Trail
5. Widened Water Channel (wetland planting)
6. Holliday Street Entrance
7. Vehicle control / HVM bollards
8. Grasses and Perennial Planting
9. Tree Planting
10. Pedestrian Seating
11. Landscape Terraces (as built 3AC)
12. Step Connections (as built 3AC)
13. Substation (as built 3AC)



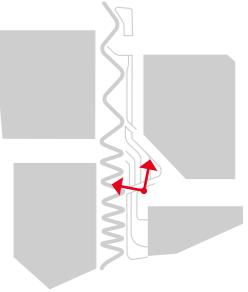


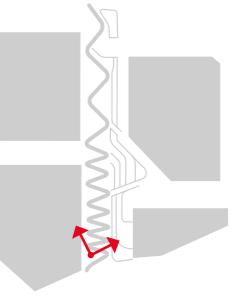
Adjacent Future Plots

Illustrative plan of the Serpentine

# 3.0 Design Response

## 3.4 Illustrative Visualisations





# 3.0 Design Response

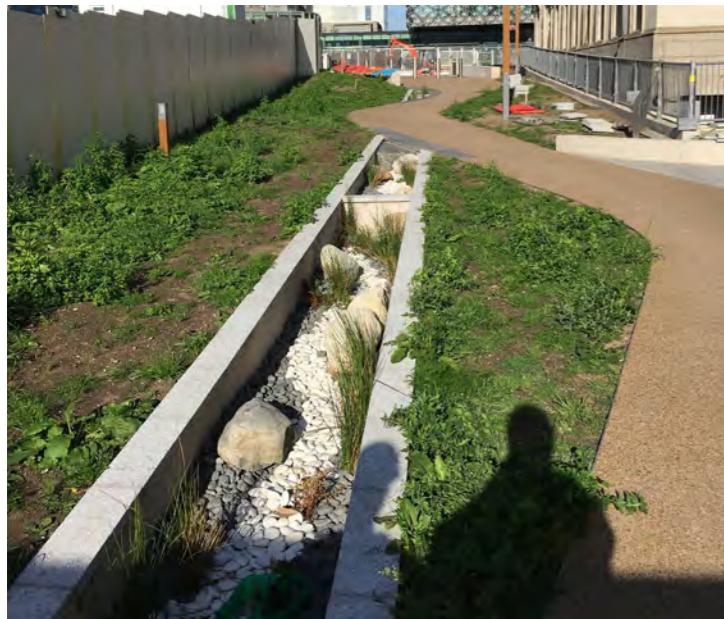
## 3.5 SuDs Water Channel

A key feature of the landscape design is the integration of a sustainable urban drainage (SuDS) water channel that runs through the heart of the Serpentine.

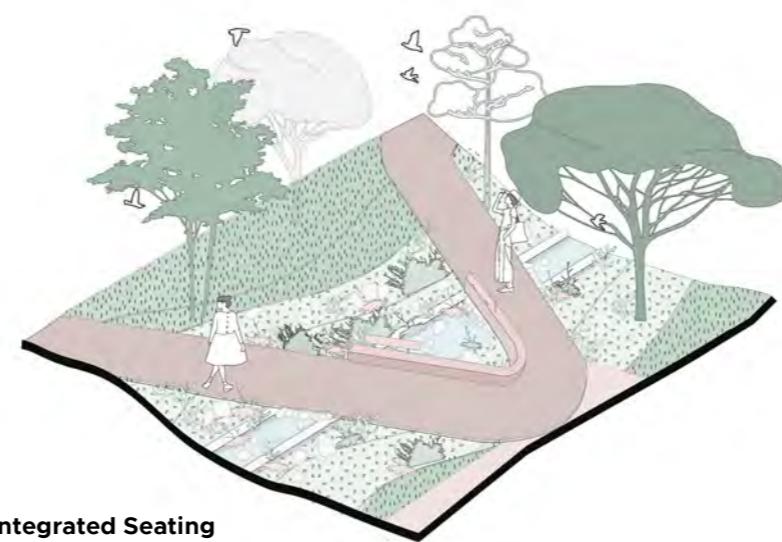
Designed to manage surface water naturally, the channel slows and filters runoff, attenuating and reducing pressure on the city's drainage network while supporting biodiversity through varied planting (wetland and drought tolerant).

Its presence also introduces movement, sound, and texture into the landscape, and a more varied planting habitat, enriching the character of the public realm.

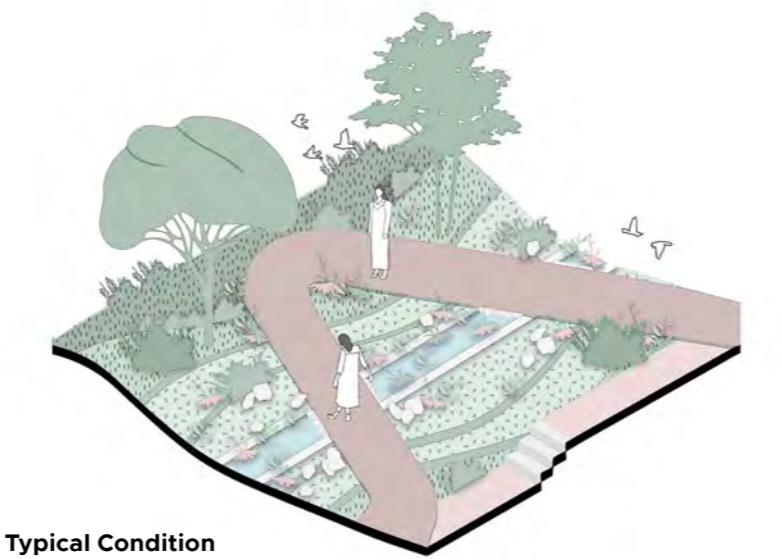
The first section being delivered as part of the 5 Centenary Square works and continuing down the Serpentine, will help reinforce the north-south connection through the site. The channel will also provide opportunities for seating at its edge in key places and interaction, and delivers long-term environmental benefits that enhance the quality and resilience of Arena Central. The SuDS 'water feature' is intended to read as both a dry drought tolerant planted feature including planting and pebble features and occasionally show moving water overflowing at peak times down the site weirs.



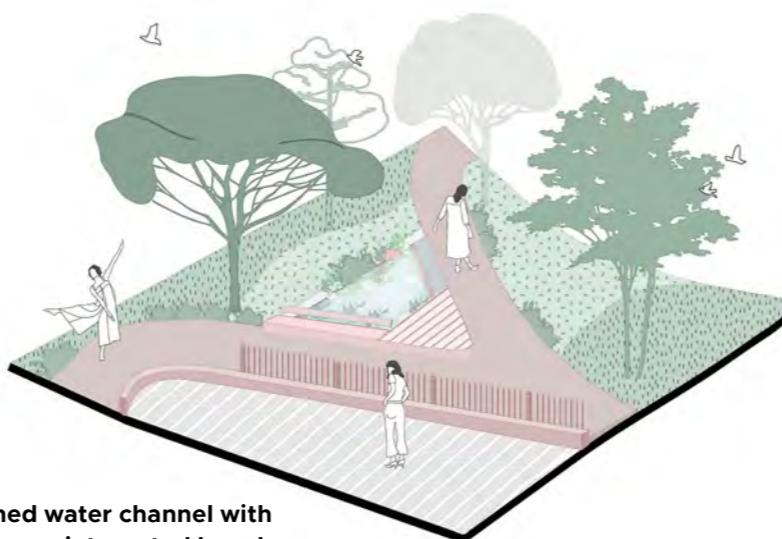
In-Construction - SuDS Channel (part of 2AC works)



Integrated Seating



Typical Condition

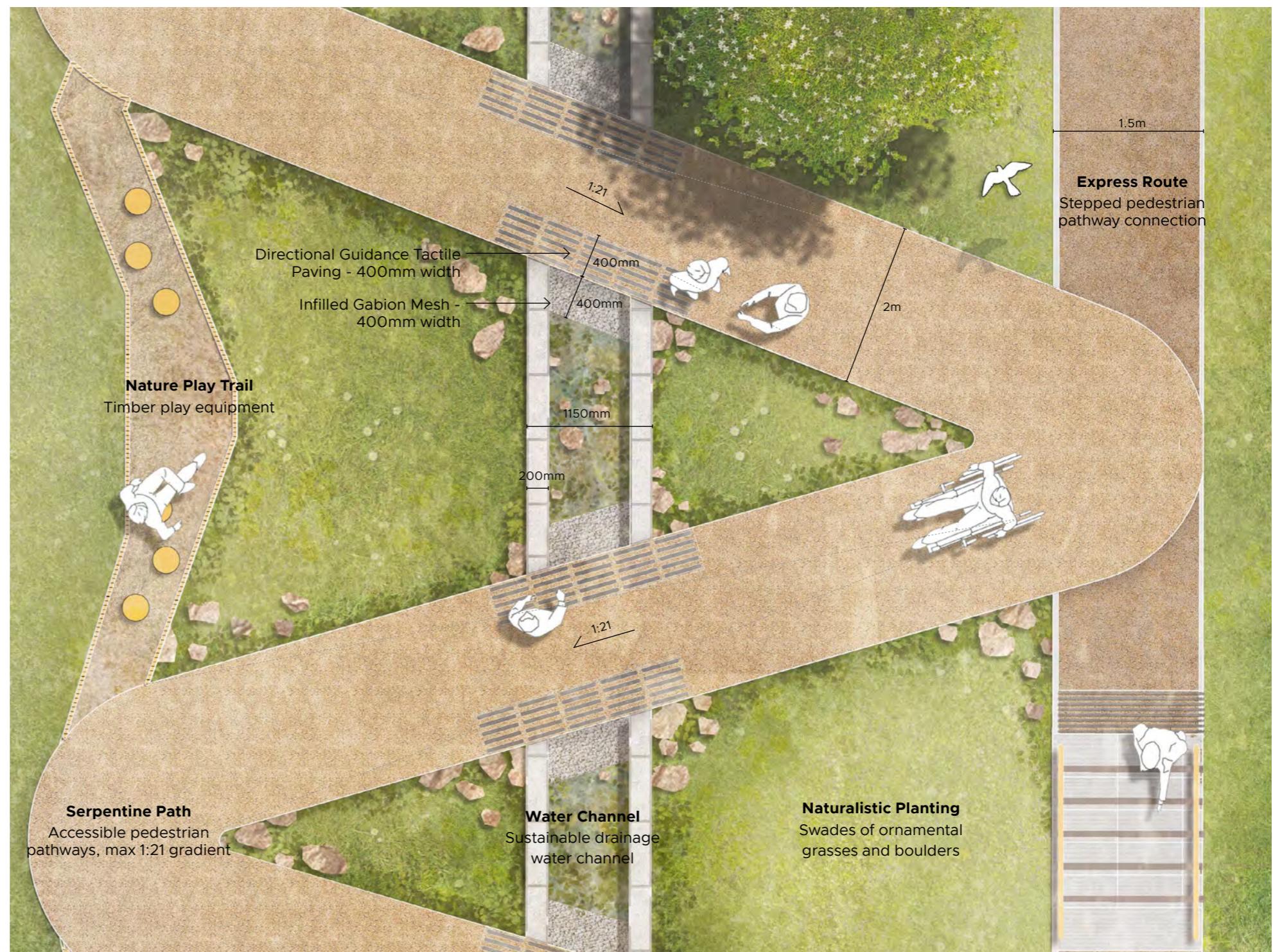


Widened water channel with integrated bench



The adjacent plan illustrates a typical interface with the SuDs channel and the Serpentine pathway. As the pathway meanders down the slope it regularly passes the water channel. This allows pedestrians to experience the water channel/ planting and gain a vista looking up the Serpentine.

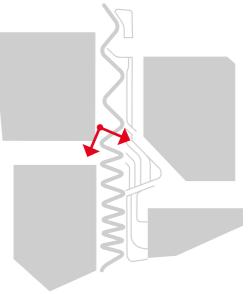
For safety and hazard awareness a guidance tactile paving unit to a depth of 400mm has been introduced to warn partially sighted pedestrians. In addition 400mm width gabions are proposed as a safety measure that reduces risk of falling into the channel. This will be supplemented with planting and feature pebbles to visually fill the channel to minimise the open depth or height. A clear contrasting coping edge is proposed to clearly delineate the edge of channel from surrounding planting.

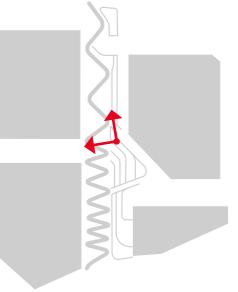


Typical Water Channel Interface Plan

# 3.0 Design Response

3.5 Illustrative Visualisations (looking towards 'The Terrace' and Holliday Street)





### 3.5 Illustrative Visualisations (looking towards Bank Court)



# 3.0 Design Response

## 3.6 Play Strategy

A 'play on the way' strategy encourages activation of the serpentine. The play elements focus on creating an engaging and exploratory natural play where children interact with the landscape. The design integrates a series of play elements along the Serpentine, offering a sequence of challenges and experiences that support active play, balance, and coordination. Features include equipment that utilises the site topography, eg log stepping stones, timber balancing beams, climbing ropes and timber steps that blend with the natural setting.

Additional sensory and exploratory elements have been integrated, such as calling tubes and sound cushions to promote children's social interaction. The arrangement ensures a progressive play journey children/ families navigate through the landscape within a safe yet stimulating environment.



Stepped Balance Log



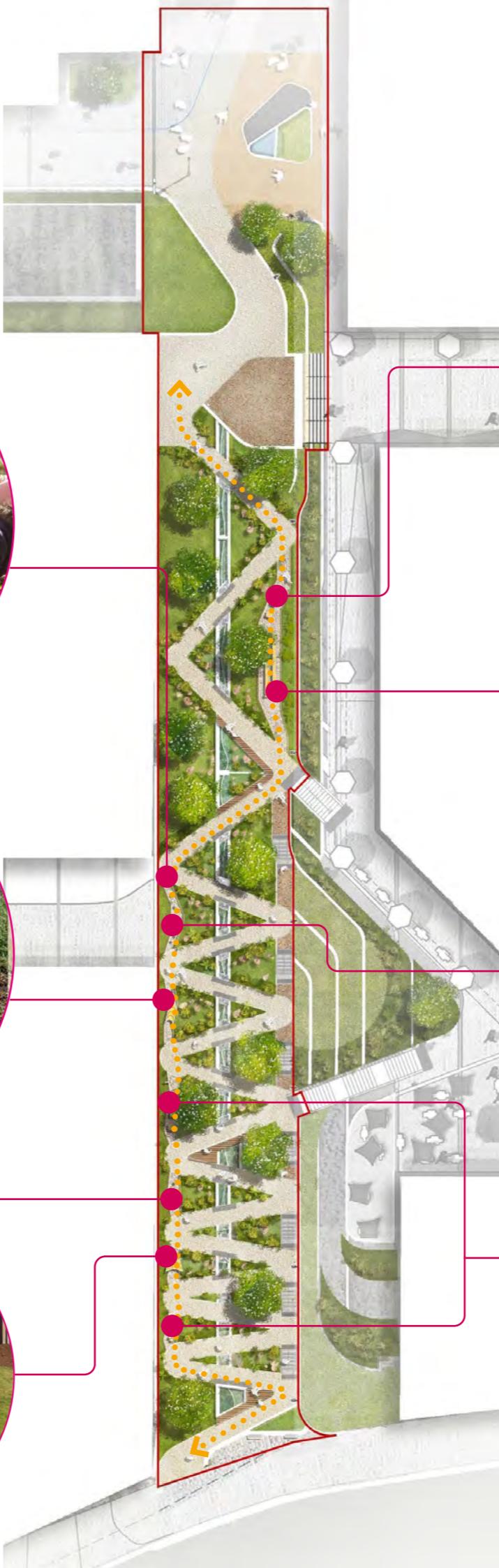
Climbing Rope



Log Steps



Calling Tube



Stepping Logs



Balance Line



Sound Cushions



Stepped Balance Log Trail

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# 3.0 Design Response

## 3.7 Hard Landscape Material Palette

The landscape materials for The Serpentine have been coordinated with the Arena Central estate-wide landscape materiality.



### P4 & P5 – Resin-Bound Gravel

Material:	Porous resin-bound gravel
Location:	Serpentine pathway
Colour:	P4 - 'Rhine Gold' buff tones P5 - 'Autumn Gold' dark buff/brown to match 2AC / 3AC as-built finish
Surface finish:	Textured bound gravel
Type:	Resin-bound, porous or similar approved
Accessories:	Edging flush edging

**Material to match as-built 2AC/3AC surface finish, sample to be confirmed.**



### P9 – Play Surface

Material:	Bound rubber bark mulch, made of 100% recycled material
Location:	Play trail
Colour:	'Cheshunt' brown.
Surface finish:	To manufacturers standard
Supplier:	DekoGrip or similar approved.
Accessories:	Timber edging

### Pedestrian Block Paving

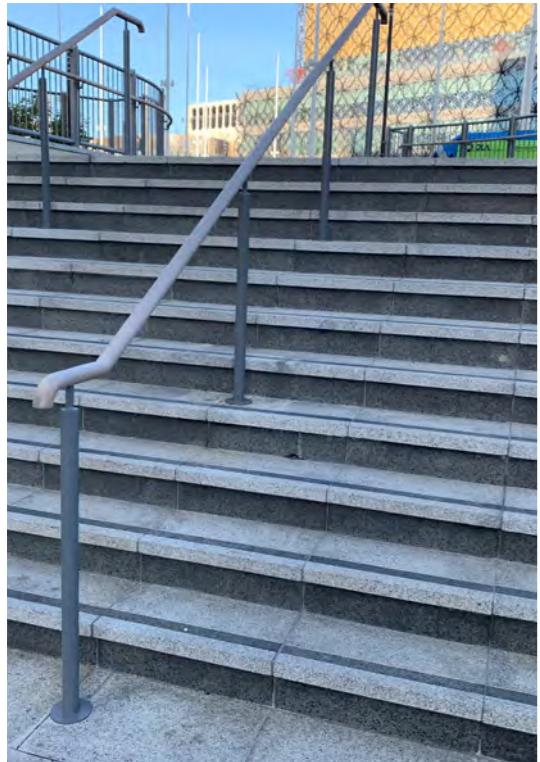
Material:	Concrete Textured Blocks
Location:	General pedestrian areas
Colour:	Mid grey
Type:	Textured surface with granite aggregate
Dimension:	300x200mm
Manufacturer:	Marshalls La-linea/Modal or similar approved

**Material to match as-built 2AC/3AC surface finish, sample to be confirmed.**



### T1 & T2 - Tactile Paving

Material:	T1 - Granite hazard warning paving T2 - Stainless steel guidance studs
Location:	T1 - Top and bottom of steps T2 - Water channel
Colour:	T1 - Dark grey/black to match 2AC / 3AC as-built finish
Surface finish:	T1 - Flamed / T2 - Textured surface
Type:	T1 - Corduroy tactile paving T2 - Directional guidance studs



## Steps

Material:	Granite step and risers
Location:	Express stepped route
Colour:	Tread - silver grey with black granite visibility contrast insert Riser - dark grey/black
Surface finish:	Fine picked
Accessories:	Handrails & tactile paving to top and bottom

## K2 - Raised Granite Kerb

Location:	Vehicle ramp planter edge
Material:	Silver grey granite or similar approved.
Colour:	Silver grey
Surface finish:	Textured
Dimensions:	900x255mm

## K3 - Flush Granite Pin Kerb

Location:	Edge of express route
Material:	Silver grey granite or similar approved.
Colour:	Silver grey
Surface finish:	Textured
Dimensions:	900x50mm

## K4 - Aluminium Edging

Location:	Edge of serpentine path
Material:	Aluminium
Colour:	Natural
Surface finish:	Mill aluminium
Dimensions:	6mm thick, 2.5m lengths
Manufacturer:	Kinley 'AluEcel' or similar approved

## K5 - Timber Edging

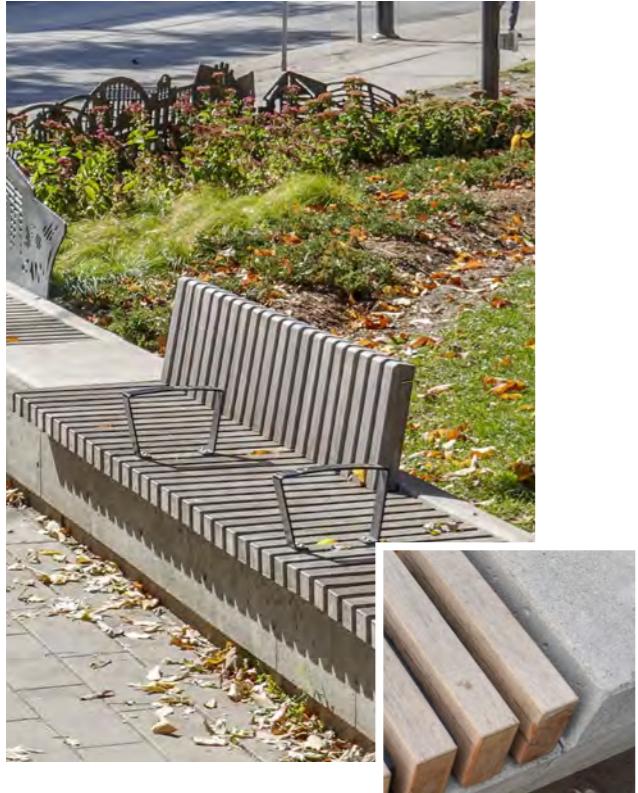
Location:	Edge of play trail
Material:	FSC pressure treated timber edging
Colour:	Natural
Dimensions:	100 x 22mm

Material to match as-built 2AC/3AC surface finish, sample to be confirmed.

# 3.0 Design Response

## 3.8 Furniture Material Palette

The landscape furniture for The Serpentine have been coordinated with the Arena Central estate-wide landscape materiality.



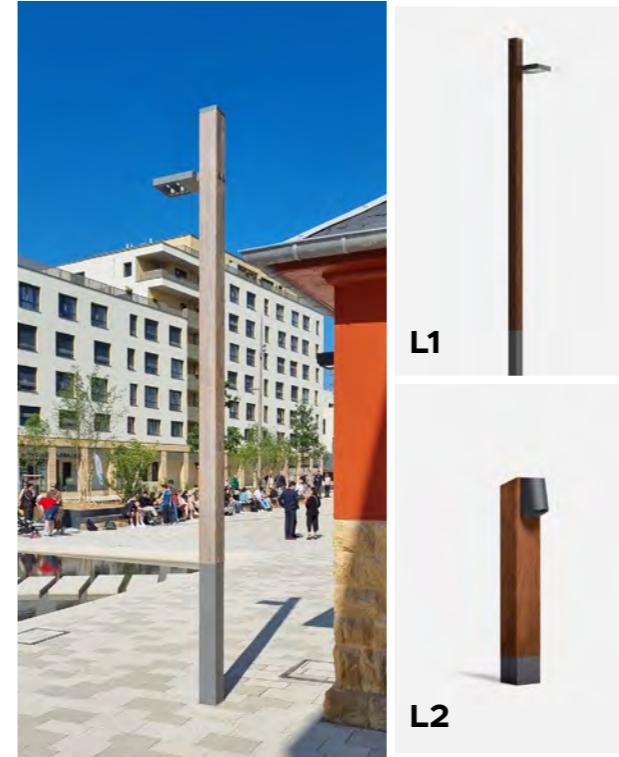
### S1-S3 - Bench Seating Elements

Material:	FSC Hardwood timber seating top fixed to white in-situ concrete wall
Location:	Serpentine pathway
Finish:	Fair faced finish to wall.
Size:	Varies - semi-bespoke
Accessories:	Armrests & backrests.



### Bollards

Material:	Stainless steel body with machine finish stainless steel top cap.
Location:	Holliday Street entrance
Colour:	Stainless steel
Surface finish:	Machine finished cap
Type:	Static bollard (non-removable)
Supplier:	Marshalls 'Geo' or similar approved
Performance:	HVM PAS 68/69 compliant



### L1 & L2 - Lighting Column / Bollard

Material:	Laminated timber column with galvanised steel base
Location:	Serpentine pathway
Colour:	Mid grey base
Type:	L1 - Light Column L2 - Light Bollard
Dimension:	L1 - 5m height   L2 - 900mm height
Manufacturer:	Aubrilam 'moshi' or similar approved



### Litter Bin

Material:	Stainless steel body with machine finish stainless steel top cap.
Location:	General public realm areas
Colour:	Stainless steel
Surface finish:	Machine finished cap
Type:	Litter Bin
Supplier:	Marshalls 'Geo' or similar approved
Performance:	HVM PAS 68/69 compliant along Holliday Street



# 3.0 Design Response

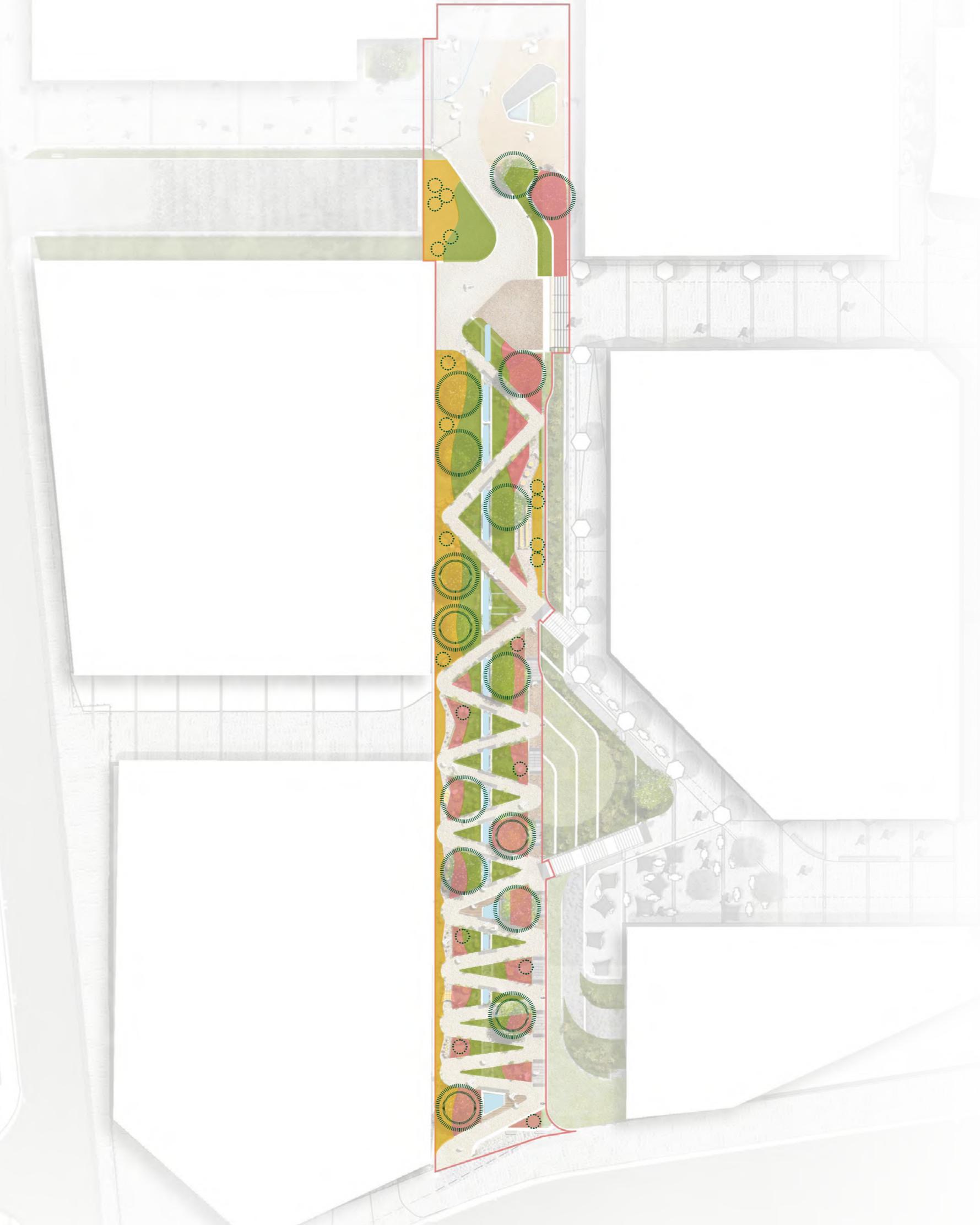
## 3.9 Planting Strategy

The planting strategy seeks to create naturalistic linear park type setting within the urban environment using informal swathes of planting types. Divided into the following planting typologies, the aim is to increase biodiversity and establish suitable plant communities for the SUD's channel and adjacent areas to mimic features found in nature.

- **Structural and Ornamental Mix** provides a mix of shrubs and dense structural coverage to assist screening the temporary vacant plots along the western edge. The species have been selected to fit into the narrow strips along the play trail. In places where the area for the mix increases, **specimen shrubs** are introduced to improve the appearance.
- **Aquatic and marginal planting** includes a selection of plants that can survive in waterlogged condition during high rainfall seasons, which brings a character of a naturalistic stream. The composition is dominated by grasses, with perennials providing seasonal colour and diversity.
- **Ornamental grasses and perennials** runs in flowing and naturalistic swatches alongside the SuDs channel with the proportion of perennials gradually increasing further from the water's edge. It creates a layered effect, where the **perennial mix** provides rich flowering plants that intensifies towards the outer boundaries of the channel.
- **Trees** are planted in standard form with clear stem to approx.2m and a multi stem form which diversifies the structure and appearance, providing a good balance between open views and sense of enclosure.

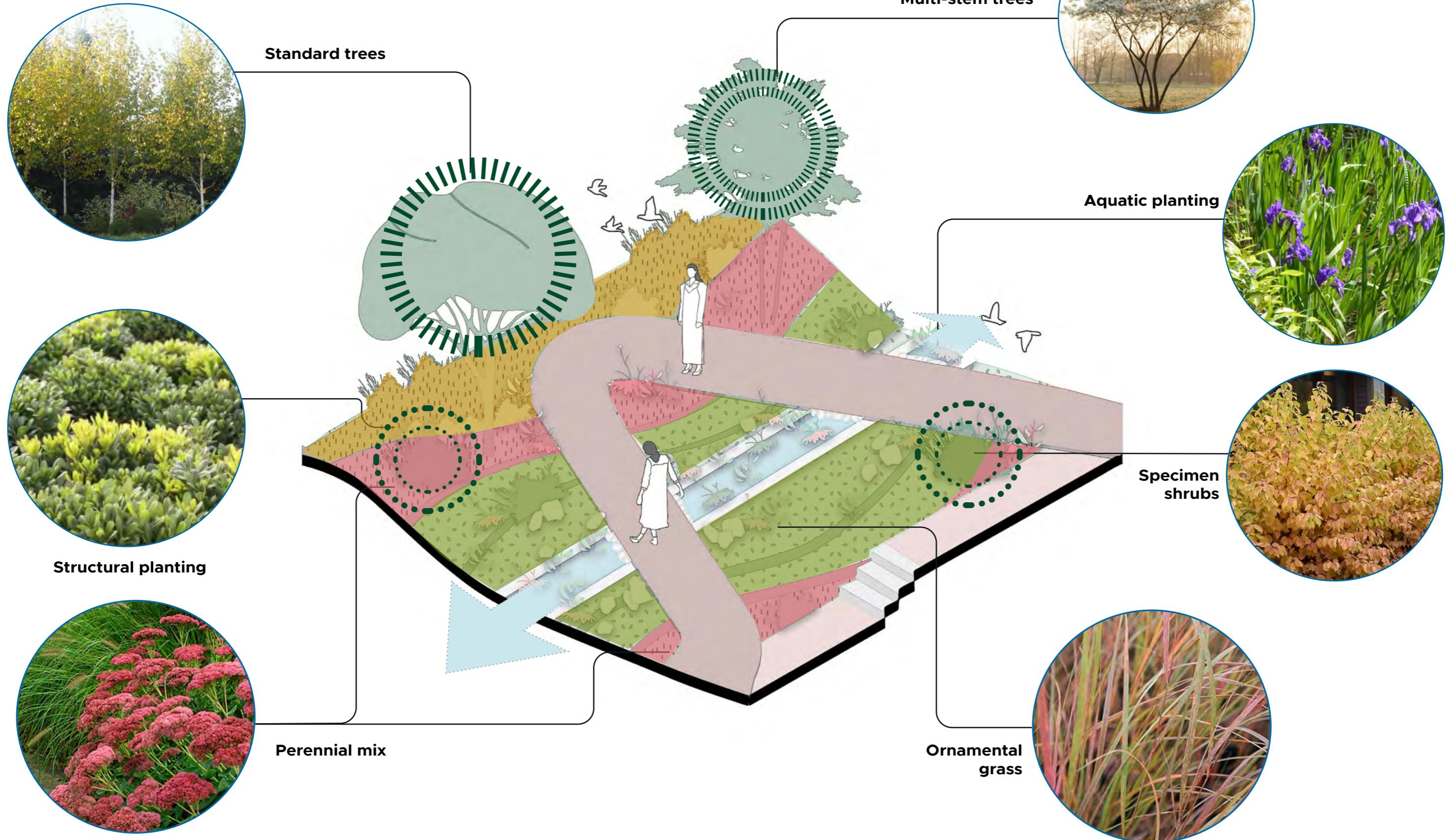
### Key

-  Multi Stem Tree
-  Standard Tree
-  Specimen Shrub
-  G1 - Structural and Ornamental Mix
-  G2 - Ornamental Grasses and Perennial Mix
-  G3 - Perennial Mix
-  G4 - Aquatic and Marginal Planting



# 3.0 Design Response

## 3.9 Planting Strategy



# 3.0 Design Response

## 3.10 Softscape Planting Palette

### Trees



**T1 - Acer campestre 'William Caldwell'**

Type: Field Maple  
Location: Serpentine Path  
Specification: Single Stem



**T2 - Betula utilis 'Jacquemontii'**

Type: West Himalayan Birch  
Location: Serpentine Path  
Specification: Single Stem



**T3 - Betula szechuanica**

Type: Szechuan Birch  
Location: Serpentine Path  
Specification: Multi Stem



**T4 - Amelanchier lamackii**

Type: Snowy Mespilus  
Location: Serpentine Path  
Specification: Multi Stem

# 3.0 Design Response

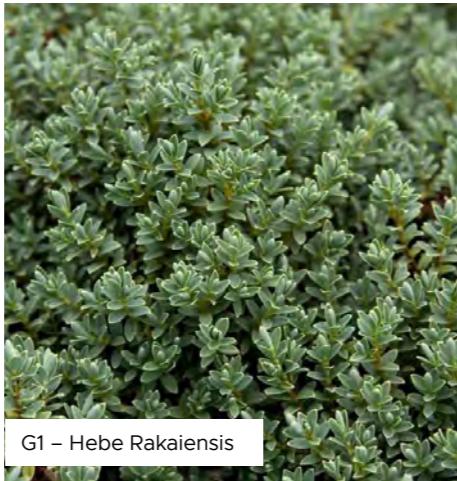
## 3.10 Softscape Planting Palette

G1 – Structural & ornamental shrub mix  
G2 – Ornamental grasses & perennials  
G3 – Perennials planting mix  
G4 – Marginal & aquatic mix  
S – Specimen shrubs

The planting shown in this palette is indicative and represents the main percentage of the planting mixes. Refer to drawings P22408-00-001-400 to 402.



G1 – Pittosporum Tobira 'Nanum'



G1 – Hebe Rakaiensis



G1 – Ceratostigma willmottianum



G2 – Carex Testacea



G2 – Deschampsia Cespitosa



G2 – Aquilegia vulgaris var. stellata



G3 – Lavandula angustifolia



S – Cornus sanguinea



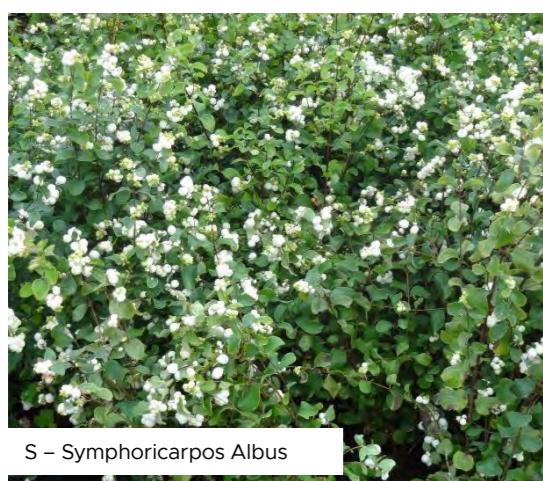
G2 – Persicaria amplexicaulis 'Firetail'



G4 – Carex pendula



G4 – Eriophorum angustifolium



S – Symphoricarpos Albus



G2 – Carex Elata 'Aurea'



G3 – Spiraea Japonica 'Goldflame'



G3 – Euphorbia Amygdaloides var. robbiae



G4 – Iris laevigata



G3 – Anemone x hybrida 'Honoree Jobert'

# Gillespies

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