



Planning Applications Sub-Committee

Date: TUESDAY, 27 JUNE 2023
Time: 10.30 am
Venue: LIVERY HALL - GUILDHALL

4. **BARBICAN ESTATE, LONDON, EC2Y 8EN**

For Decision
(Pages 3 - 56)

Ian Thomas CBE
Town Clerk and Chief Executive

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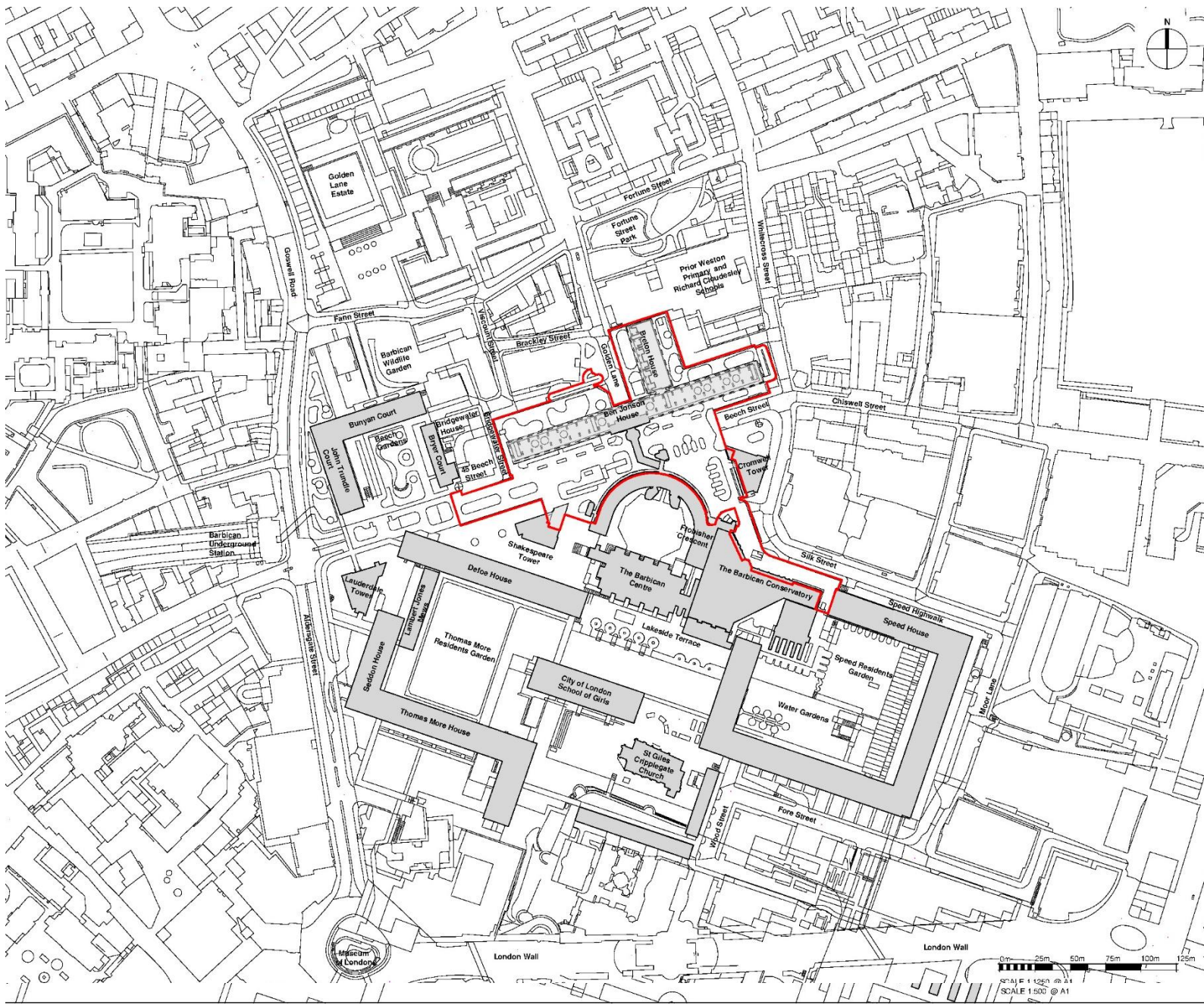


The Barbican Podium Phase 2 Refurbishment

Application

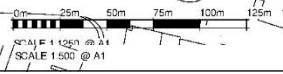
Planning Applications Sub-Committee

27th June 2023



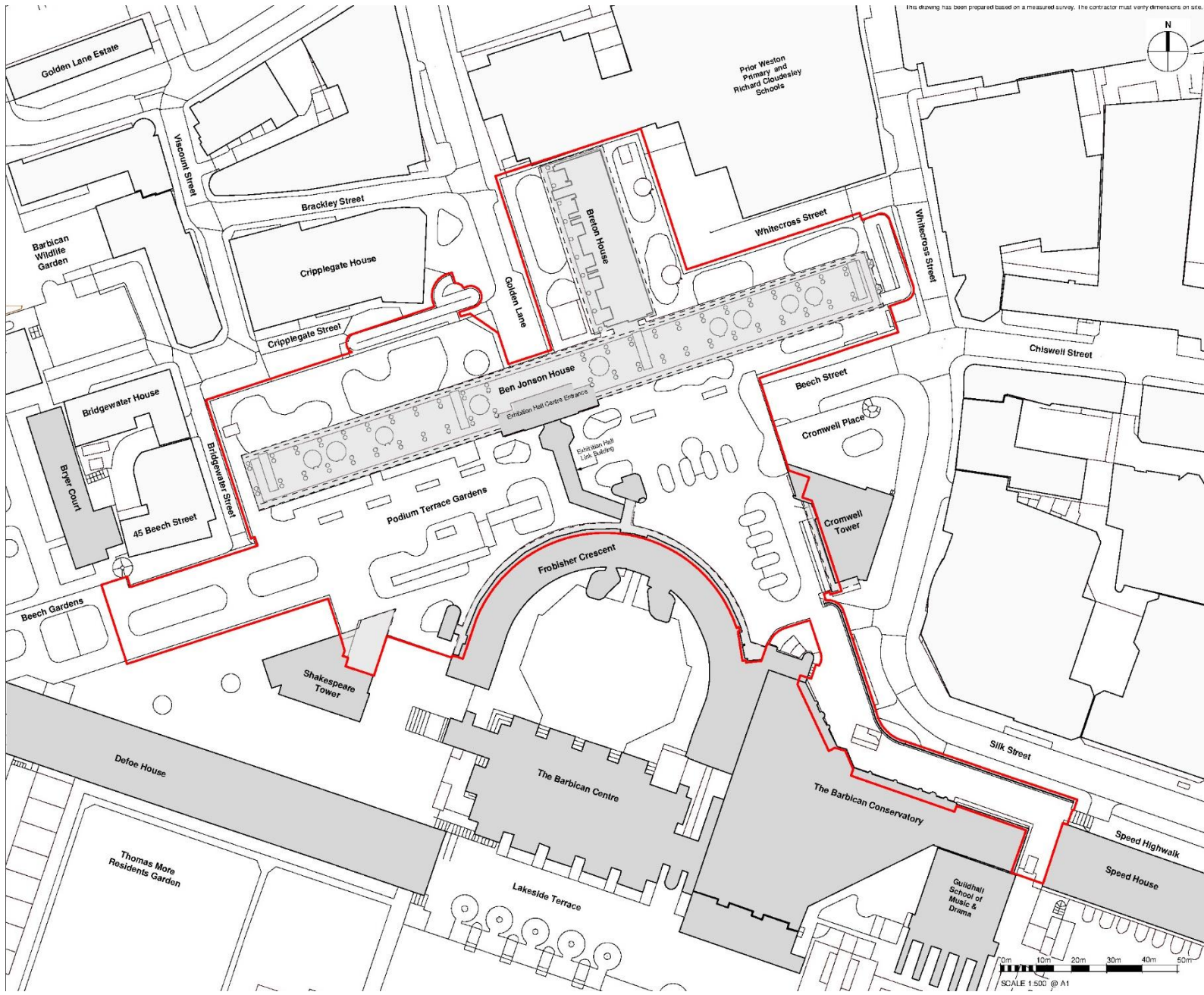
LEGEND

— Development Boundary



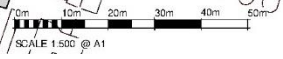
Site Location Plan

This drawing has been prepared based on a measured survey. The contractor must verify dimensions on site.



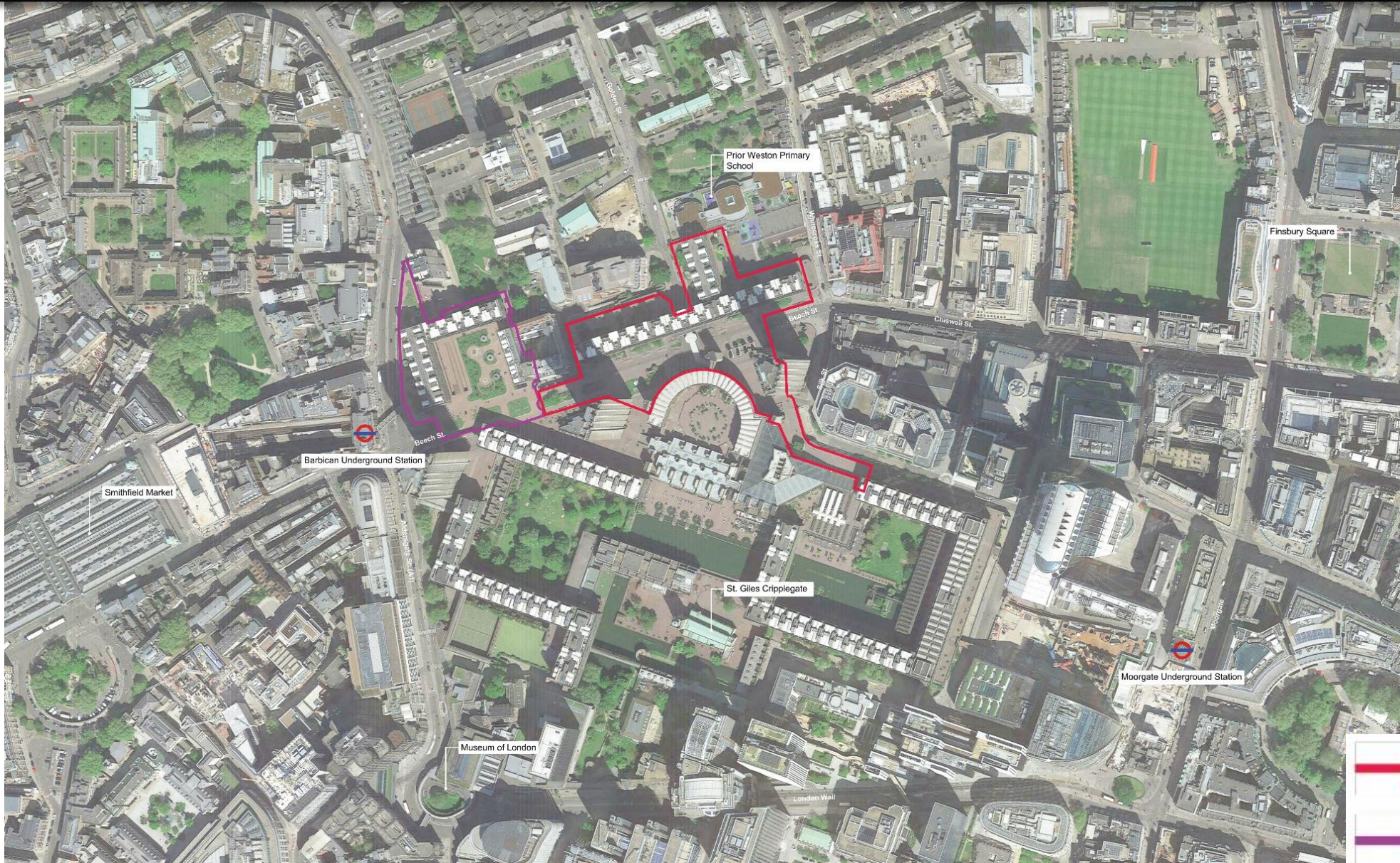
LEGEND



— Development Boundary



Development Boundary Plan

The Barbican Podium Phase 2



-  Phase 2 Study Site Area
-  Phase 1 (Complete)

Location Phase 1 and Phase 2

The Barbican Podium Phase 2

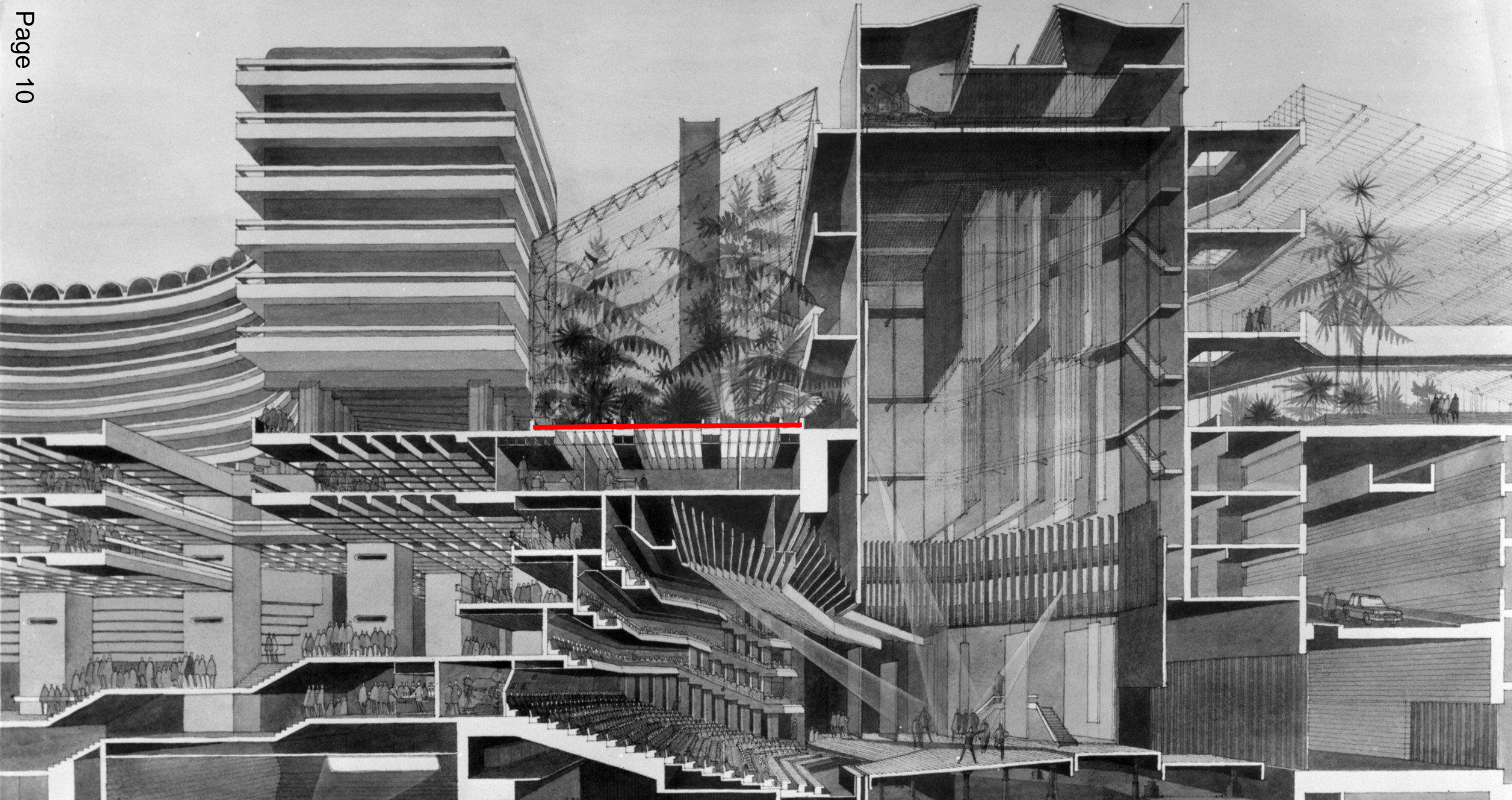


The Barbican Podium view west





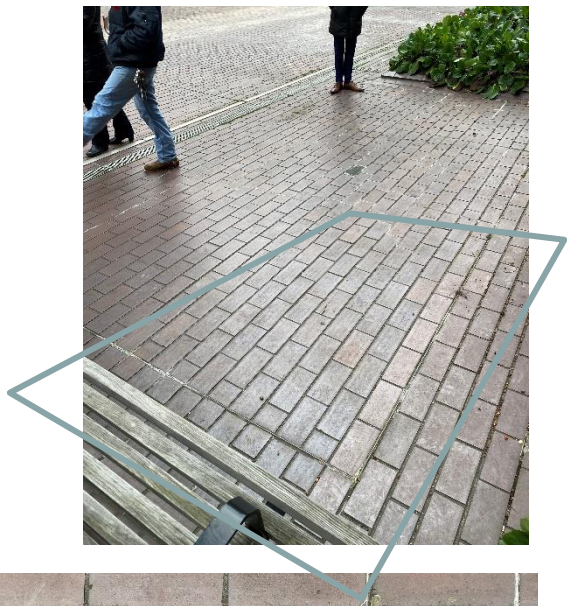
Phase 2 area



Brutalist Icon



Waterproofing membrane issues



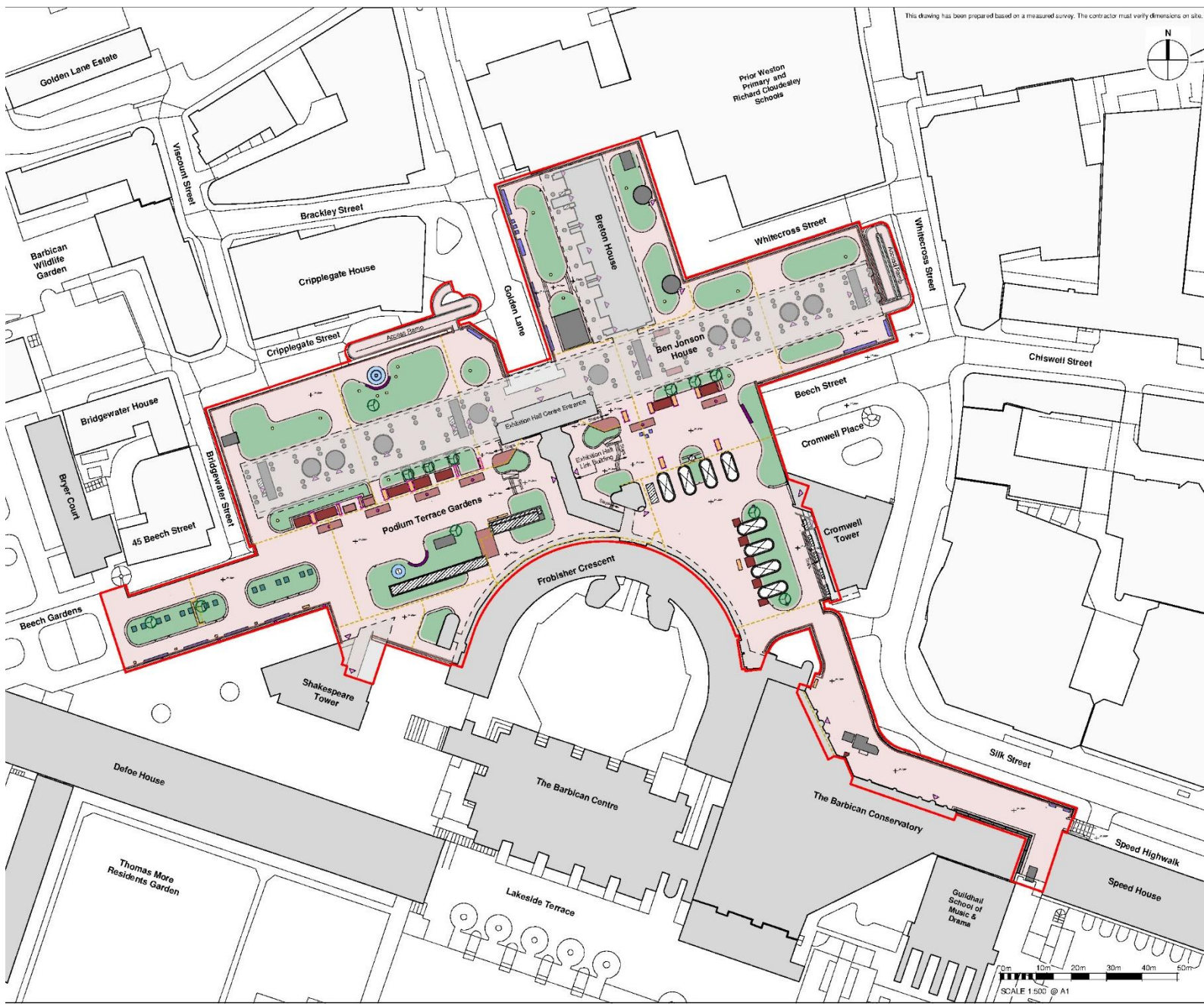
- 106 of 109 downpipes blocked.
- 23 downpipes are encased within concrete and will need to be re-routed.
- 22 smoke outlet panels need to remain.
- London Fire have requested hinged access where viable.





Existing Podium Landscape

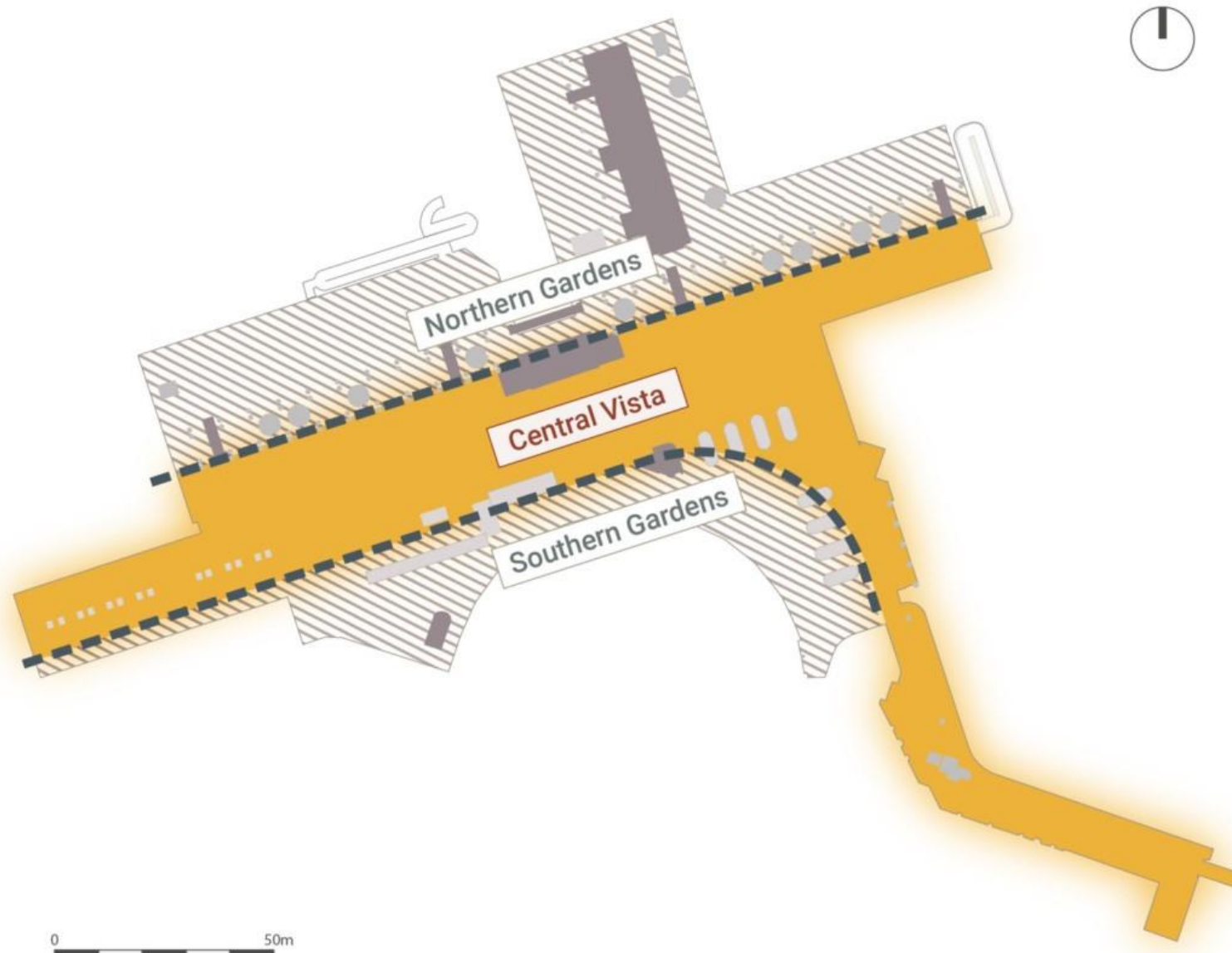
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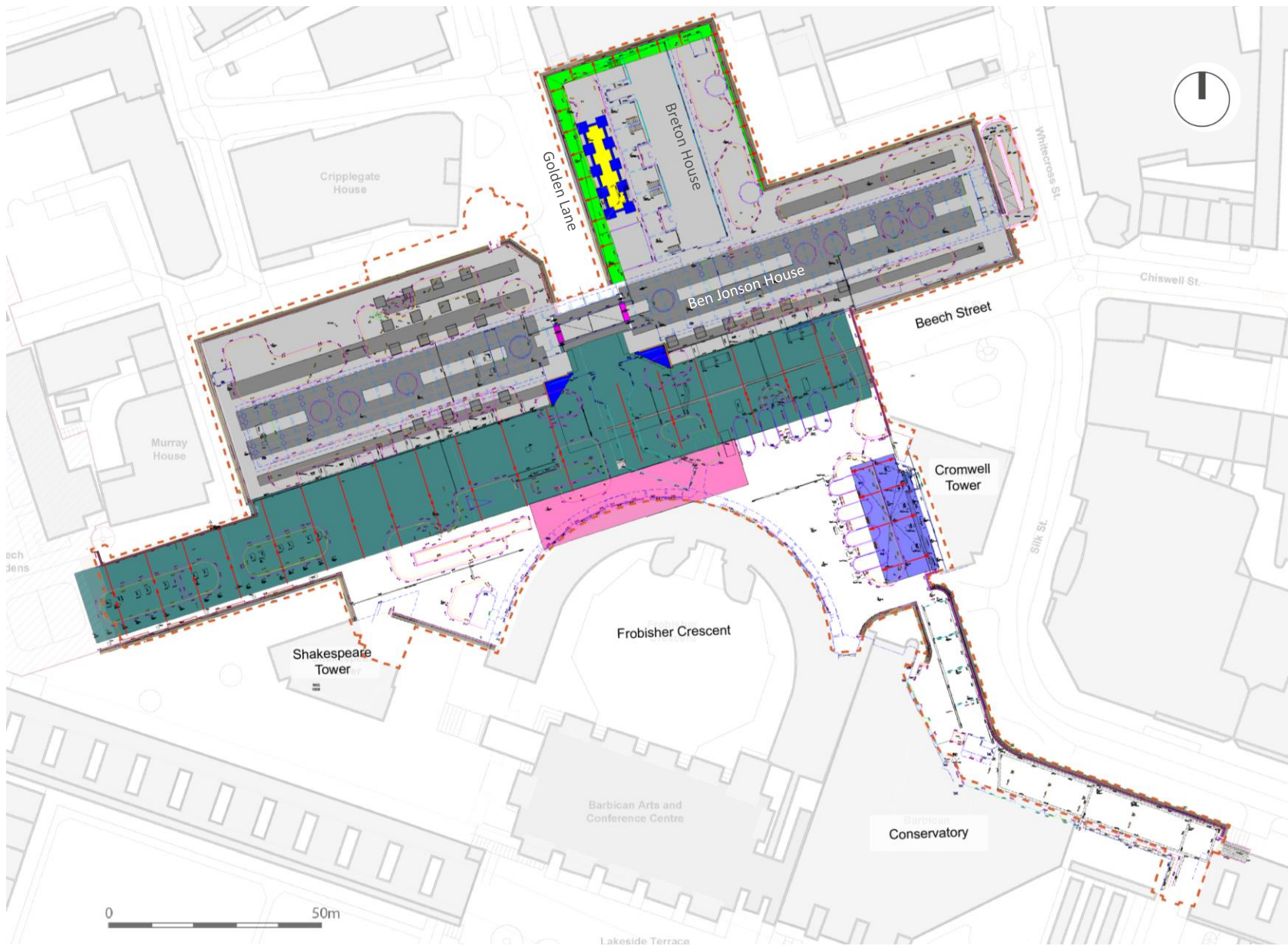
LEGEND

- Boundary**
 - Development boundary
 - Extent of parapet
- Hard Landscape**
 - Tiled pedestrian surfacing. Clay quarry tiles. Varied and inconsistent coloration
 - Planter tiled curved edge
 - Tiled ventilation duct cover
 - Smoke outlet set within tiled pedestrian surface
 - Expansion joints
 - Existing hand rail
- Soft Landscape**
 - Existing tree
 - Existing shrubs and perennial mix
 - Existing concrete and timber communal planters.
- Existing Buildings and Mechanical Features**
 - Existing Barbican Estate buildings
 - Existing context buildings
 - Existing vents and structures retained
 - Existing exterior wall
 - Galvanised and black painted steel gratings to ventilation ducts
 - Building entrance
- Furniture, Lighting and Public Art**
 - Fresh air vent in planter
 - Air vent grating under existing bench
 - Existing wooden bench /chair
 - Existing blockwork tiled bench
 - Existing bollard luminaire
 - Existing globe lighting column
 - Existing water feature
 - Existing public art: Dolphin sculpture by John Ravera
 - Existing public art: 'Ascent' by Charlotte Mayer

Existing General Arrangement Plan



Space Hierarchy



Variation in slab thickness and gradients will require careful consideration in the design of the new paving **build-ups, insulation** and the **drainage strategy**.

- We cannot be certain of the build up as no accurate built information available for all areas.
- Structurally can support some trees but not across Beech Street.
- Building control requirement for insulation over occupied buildings – cinema, Cote Brasserie, Exhibition Halls and Music School

LEGEND

- 12" slab (305mm slab)
- 15" slab (381mm slab)
- 18" slab (457 mm slab)
- 21" slab (533 mm slab)
- 24" slab (610 mm slab)
- sloping slab, 160mm level difference between west and east ends
- slab sloping down from the centre of Beech Street northward 160mm in level difference; and southward 80mm in level difference
- slab sloping up towards the parapets, approximately 150mm in level difference
- slab sloping down towards its centre, 200mm in level difference. Slab at 23.26m height level
- 26" tall upstand (660 mm upstand)

NOTE

- All slabs apart from purple in Zone 3 are at 23.34m height level.
- Drawings reviewed presented some level of discrepancies with the topographic survey

Structural Constraints



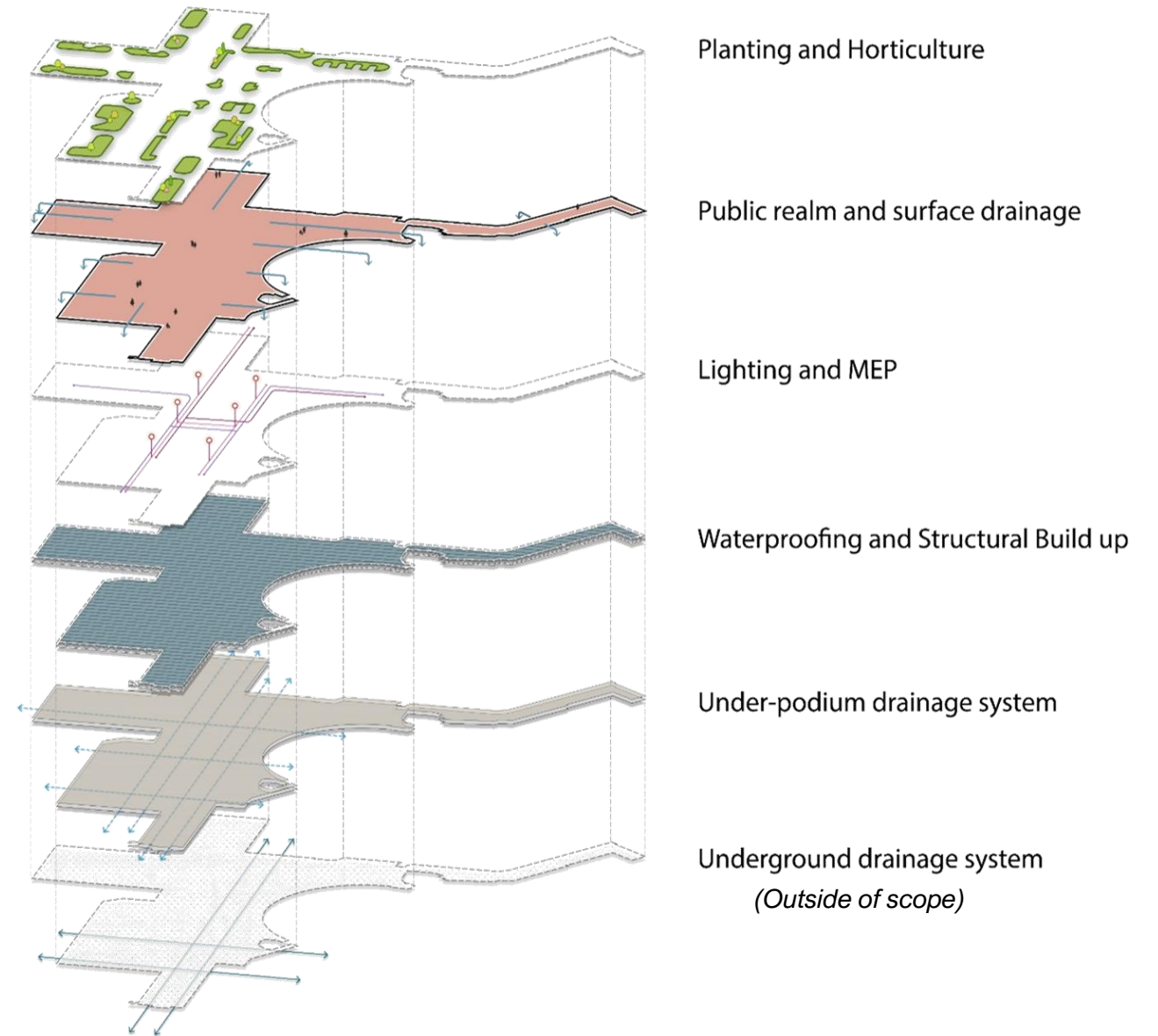
- There are numerous surface constraints across the podium, with a large concentration along the southern elevation of Ben Jonson House. These constraints include **smoke outlets, grated ventilation openings and tiled raised blocks**.
- Shallow falls across the site.
- Warranty requires 40 additional trial holes.

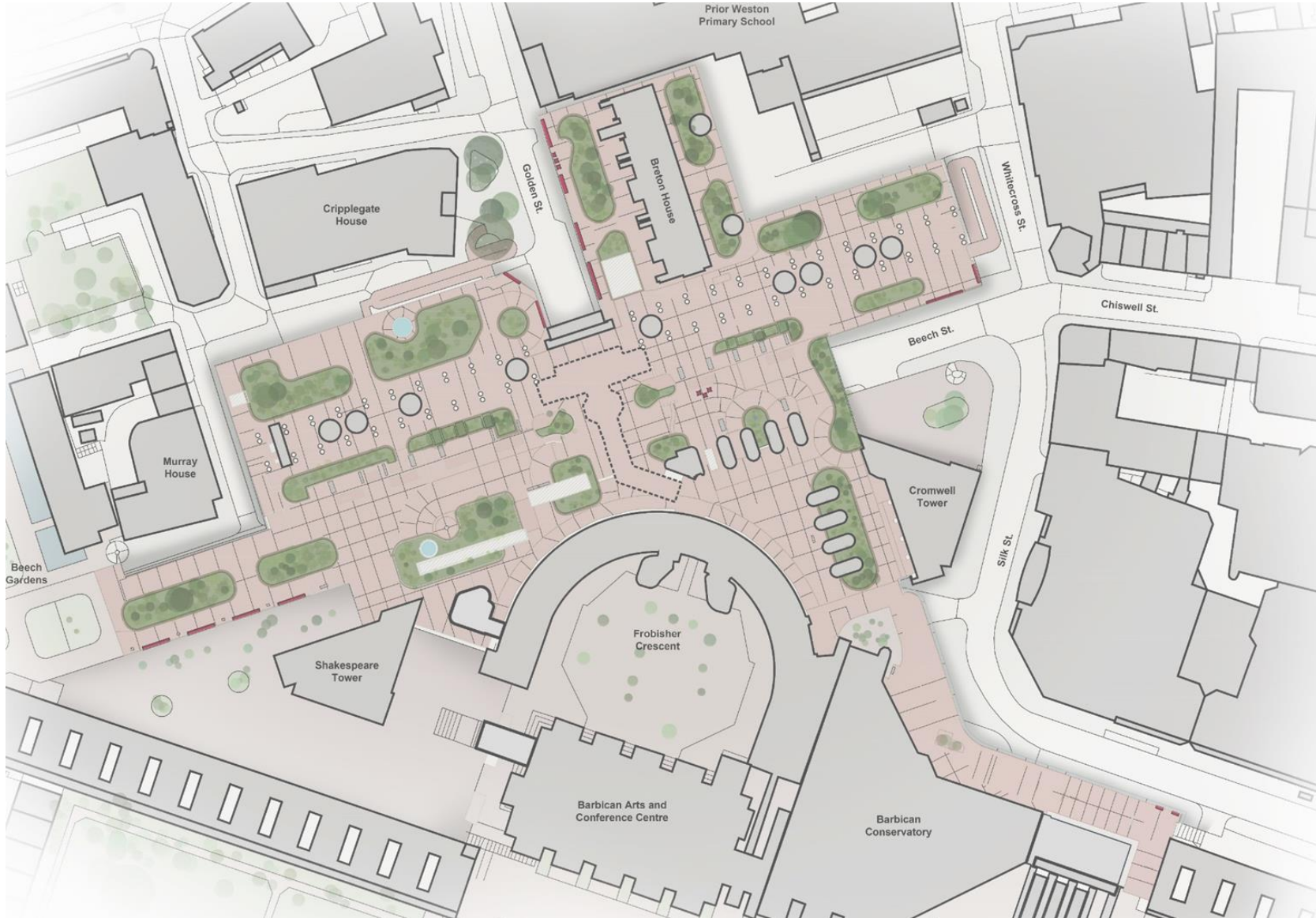
LEGEND

- cabling chanel
- expansion joints
- existing tree planters
- gullies
- gullies found on site, not picked up on survey
- drain chanel
- vents
- smoke vents
- man holes
- grating
- glazing
- miscellaneous (raised tiled blocks, tiled block with vents, raised circular blocks with post)
- ▲ ▲ ▲ door thresholds
- ▲ water outlet points

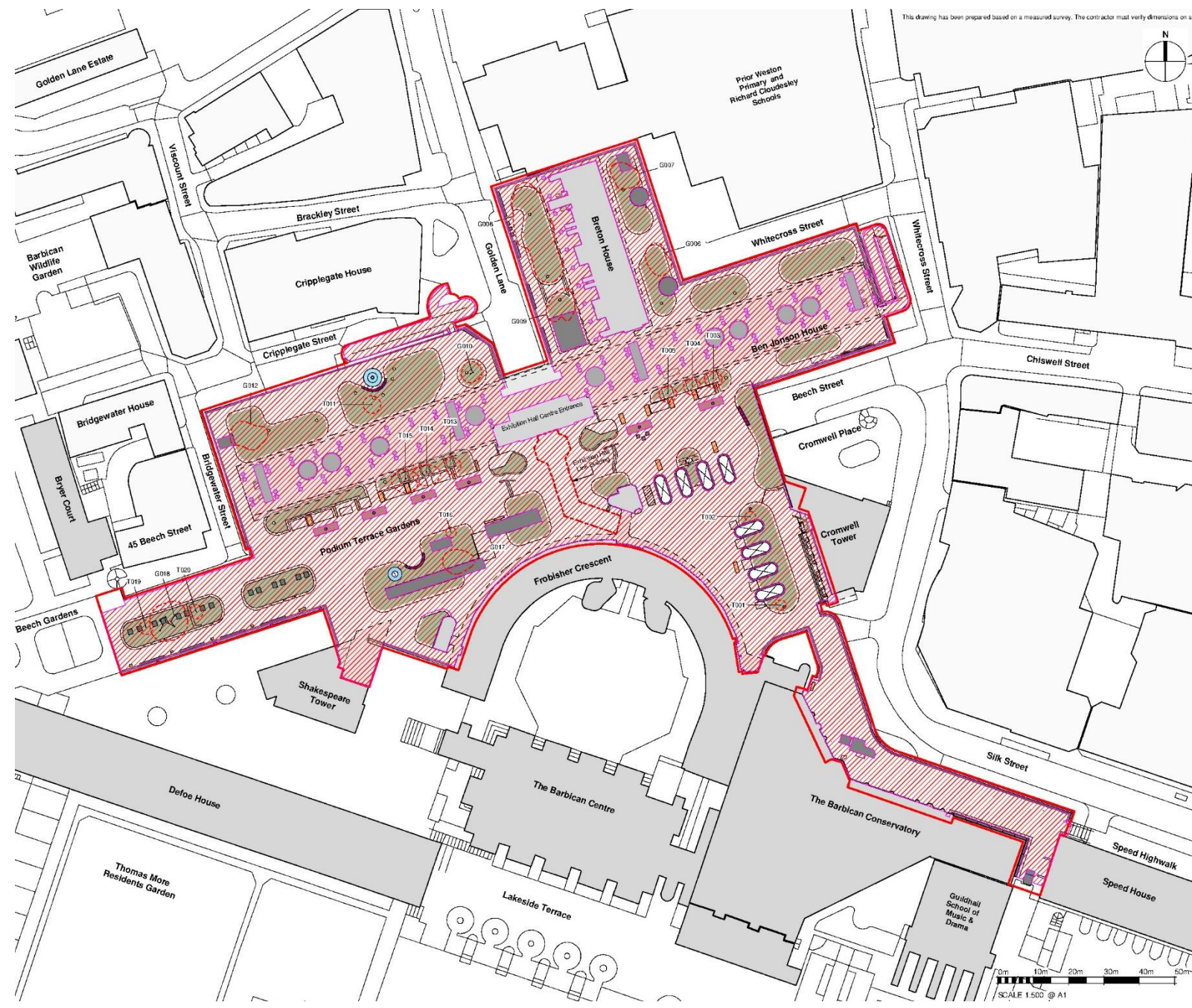
Surface Constraints

- Retrofit: Technical Constraints
- Legislative Requirements
- Enhancement Opportunities
- Collaboration & Consultation





Existing Plan



This drawing has been prepared based on a measured survey. The contractor must verify dimensions on a



LEGEND

Boundary

- Development boundary
- Extent of parapet

Hard Landscape

- Area to be demolished as far as, but not into or beyond, the existing structural fabric. Hatch shown at pavement level of podium terrace gardens.

Existing Buildings and Mechanical Features

- Existing Barbican Estate buildings
- Existing context buildings
- Existing vents and structures retained
- Tiled ventilation duct cover
- Link building to be demolished

Soft Landscape

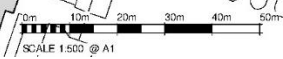
- Large vegetated area
- Small planter
- Group of trees/shrubs to be removed
- Existing tree to be removed

Lighting and Public Art

- Existing bollard luminaire to be removed
- Existing globe lighting column to be retained
- Existing water feature to be retained and relocated on site
- Existing public art dolphins statue to be retained and relocated on site
- Existing public art sculpture to be retained and relocated on site

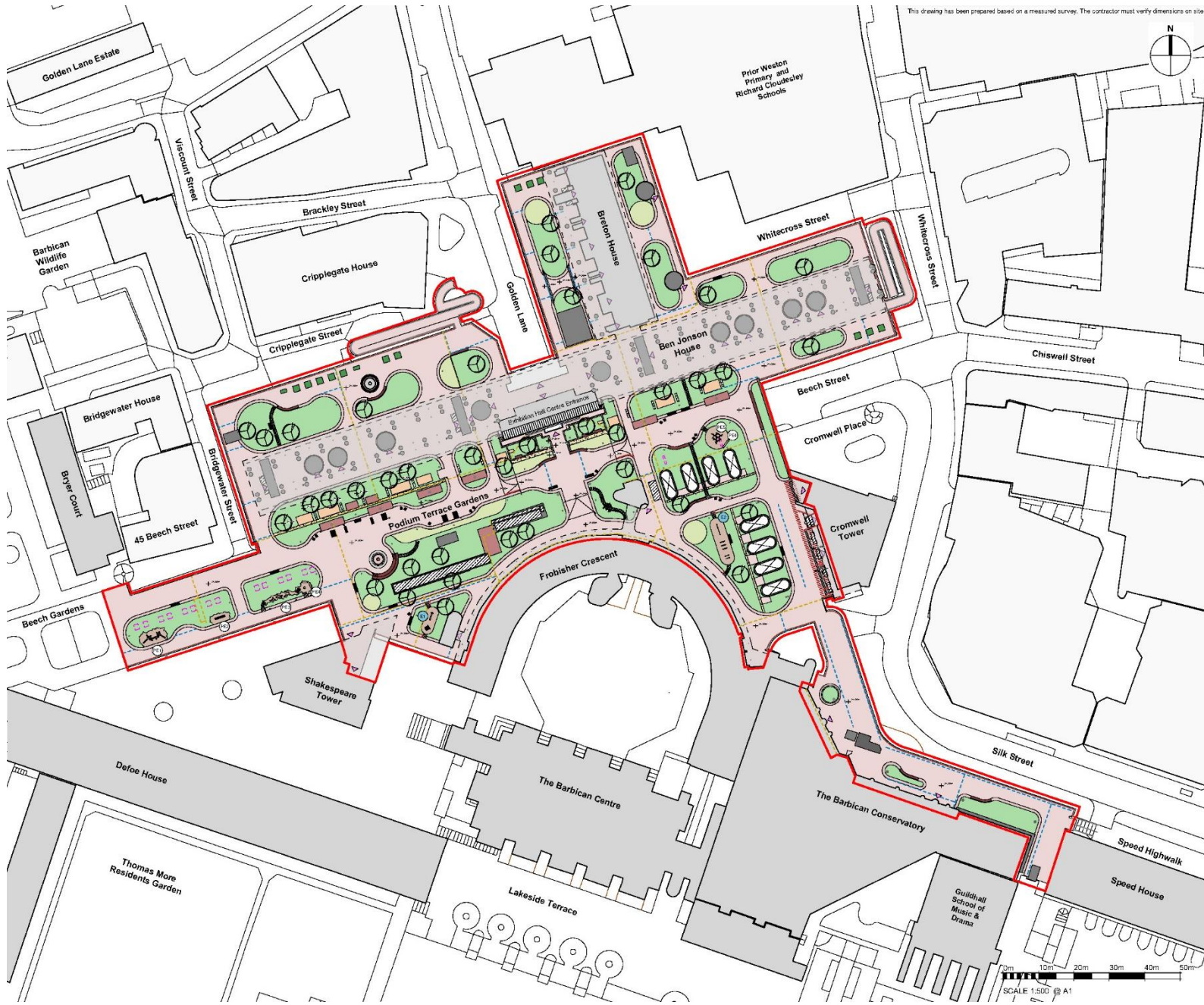
Furniture

- Existing wooden bench/ chair to be removed
- Existing blockwork tiled bench to be removed



Demolition Plan

This drawing has been prepared based on a measured survey. The contractor must verify dimensions on site.



LEGEND

Boundary

- Development boundary
- Extent of parapet

Hard Landscape

- Ketley quarry tiled planter edge
- Ketley quarry tiled pedestrian surface
- Ketley quarry tiled block bench
- Ketley quarry tiled ventilation duct cover
- Amphitheatre
- Ketley quarry tiled steps
- Water features
- Stepping stone informal path
- Brick planter retaining wall 300-750mm high
- Ramp
- Existing hand rail
- Proposed hand rail
- Gravel path
- Safety surface
- Tactile paving
- Galvanised and black painted steel gratings to ventilation ducts
- Existing gully
- Proposed drainage side inlet
- Drainage channel
- Expansion joint

Soft Landscape

- Proposed tree
- Shrubs and perennial mix
- Amenity grass
- Sedum bed
- Community planter

Furniture, Play and Exercise

- Wooden bench and chair
- Balance logs
- Clatter bridge
- Stepping logs
- Play logs
- Log climbing frame
- Exercise area 1: core and lower body - 2 pieces of exercise equipment
- Exercise area 2: upper body - 3 pieces of exercise equipment

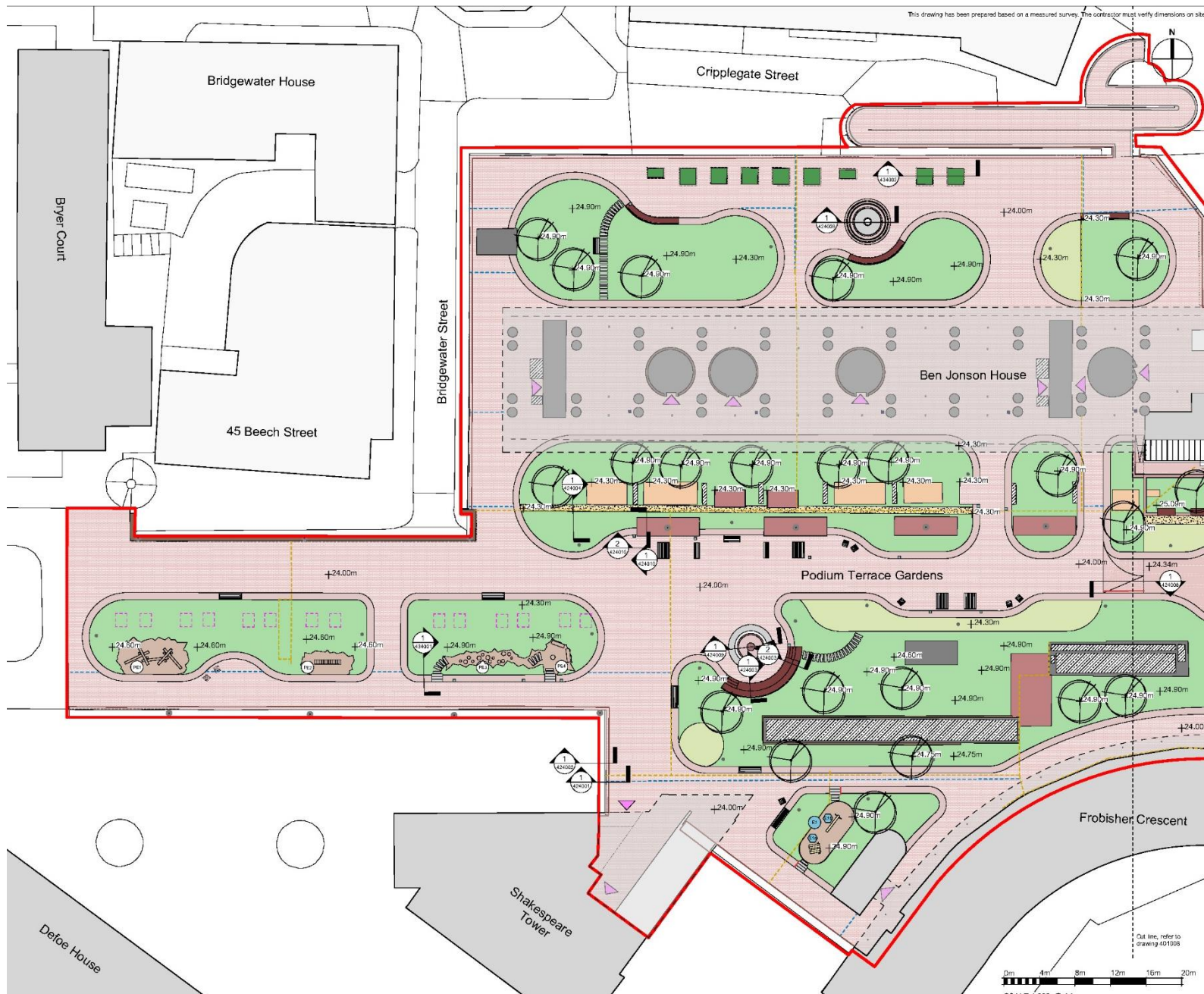
Lighting

- Globe light
- Double heritage globe
- Bollard light
- Wall-mounted light
- Surface-mounted downlight
- Wall-mounted luminaire
- In-ground linear up-light
- In-ground up-light - entrance
- In-ground up-light

Existing Buildings and Mechanical Features

- Existing Barbican Estate buildings
- Existing vents and structures retained
- Retained exterior wall
- Building entrance

Design Proposals – General Arrangement Plan



LEGEND

- Boundary**
 - Development boundary
 - Extent of parapet
- Hard Landscape**
 - Ketley quarry tiled planter edge
 - Ketley quarry tiled pedestrian surface
 - Ketley quarry tiled block bench
 - Ketley quarry tiled ventilation duct cover
 - Amphitheatre
 - Ketley quarry tiled steps
 - Water features
 - Stepping stone informal path
 - Brick planter retaining wall 300-750mm high
 - Ramp
 - Existing hand rail
 - Proposed hand rail
 - Gravel path
 - Safety surface
 - Tactile paving
 - Galvanised and black painted steel gratings to ventilation ducts
 - Existing gully
 - Proposed drainage side inlet
 - Drainage channel
 - Expansion joint
- Soft Landscape**
 - Proposed tree
 - Shrubs and perennial mix
 - Amenity grass
 - Sedum bed
 - Community planter
- Furniture, Play and Exercise**
 - Wooden bench and chair
 - Balance logs
 - Clatter bridge
 - Stepping logs
 - Play logs
 - Log climbing frame
 - Exercise area 1: core and lower body - 2 pieces of exercise equipment
 - Exercise area 2: upper body - 3 pieces of exercise equipment
- Lighting**
 - Globe light
 - Double heritage globe
 - Bollard light
 - Wall-mounted light
 - Surface-mounted downlight
 - Wall-mounted luminaire
 - In-ground linear up-light
 - In-ground up-light - entrance
 - In-ground up-light
- Existing Buildings and Mechanical Features**
 - Existing Barbican Estate buildings
 - Existing vents and structures retained
 - Retained exterior wall
 - Building entrance

Design Proposals – General Arrangement Detail Area 1 of 4

This drawing has been prepared based on a measured survey. The contractor must verify dimensions on site.



- LEGEND**
- Boundary**
- Development boundary
 - Extent of parapet
- Hard Landscape**
- Ketley quarry tiled planter edge
 - Ketley quarry tiled pedestrian surface
 - Ketley quarry tiled block bench
 - Ketley quarry tiled ventilation duct cover
 - Amphitheatre
 - Ketley quarry tiled steps
 - Water features
 - Stepping stone informal path
 - Brick planter retaining wall 300-750mm high
 - Ramp
 - Existing hand rail
 - Proposed hand rail
 - Gravel path
 - Safety surface
 - Tactile paving
 - Galvanised and black painted steel gratings to ventilation ducts
 - Existing gully
 - Proposed drainage side inlet
 - Drainage channel
 - Expansion joint
- Soft Landscape**
- Proposed tree
 - Shrubs and perennial mix
 - Amenity grass
 - Sedum bed
 - Community planter
- Furniture, Play and Exercise**
- Wooden bench and chair
 - Balance logs (PE1)
 - Clatter bridge (PE2)
 - Stepping logs (PE3)
 - Play logs (PE4)
 - Log climbing frame (PE5)
 - Exercise area 1: core and lower body - 2 pieces of exercise equipment (E1)
 - Exercise area 2: upper body - 3 pieces of exercise equipment (E2)
- Lighting**
- Globe light
 - Double heritage globe
 - Bollard light
 - Wall-mounted light
 - Surface-mounted downlight
 - Wall-mounted luminaire
 - In-ground linear up-light
 - In-ground up-light - entrance
 - In-ground up-light
- Existing Buildings and Mechanical Features**
- Existing Barbican Estate buildings
 - Existing vents and structures retained
 - Retained exterior wall
 - Building entrance

Design Proposals – General Arrangement Detail Area 2 of 4



LEGEND

- Boundary**
- Development boundary
 - Extent of parapet
- Hard Landscape**
- Ketley quarry tiled planter edge
 - Ketley quarry tiled pedestrian surface
 - Ketley quarry tiled block bench
 - Ketley quarry tiled ventilation duct cover
 - Amphitheatre
 - Ketley quarry tiled steps
 - Water features
 - Stepping stone informal path
 - Brick planter retaining wall 300-750mm high
 - Ramp
 - Existing hand rail
 - Proposed hand rail
 - Gravel path
 - Safety surface
 - Tactile paving
 - Galvanised and black painted steel gratings to ventilation ducts
 - Existing gully
 - Proposed drainage side inlet
 - Drainage channel
 - Expansion joint

Soft Landscape

- Proposed tree
- Shrubs and perennial mix
- Amenity grass
- Sedum bed
- Community planter

Furniture, Play and Exercise

- Wooden bench and chair
- Balance logs
- Clatter bridge
- Stepping logs
- Play logs
- Log climbing frame
- Exercise area 1: core and lower body - 2 pieces of exercise equipment
- Exercise area 2: upper body - 3 pieces of exercise equipment

Lighting

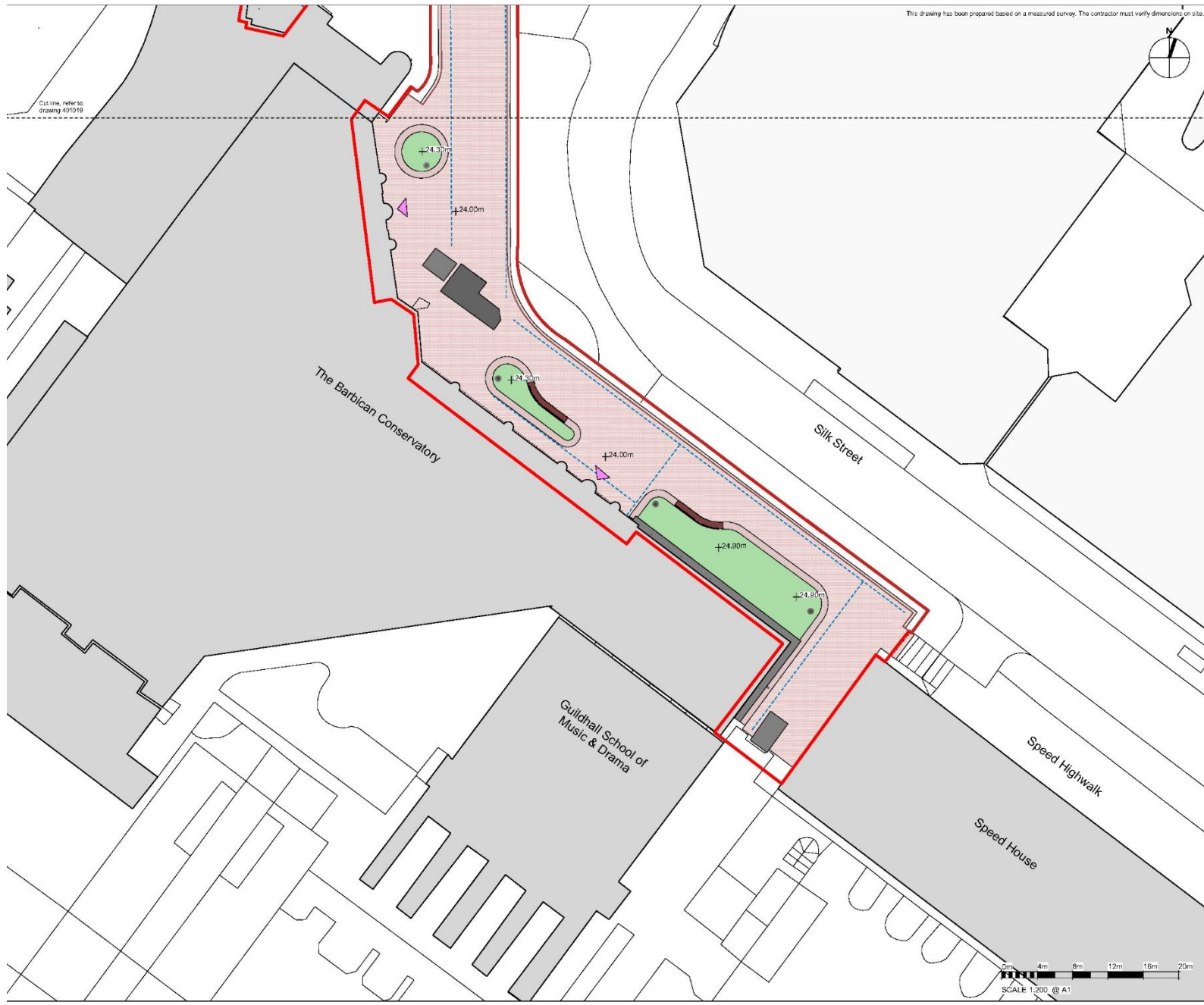
- Globe light
- Double heritage globe
- Bollard light
- Wall-mounted light
- Surface-mounted downlight
- Wall-mounted luminaire
- In-ground linear up-light
- In-ground up-light - entrance
- In-ground up-light

Existing Buildings and Mechanical Features

- Existing Barbican Estate buildings
- Existing vents and structures retained
- Retained exterior wall
- Building entrance

Design Proposals – General Arrangement Detail Area 3 of 4

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LEGEND

Boundary

- Development boundary
- Extent of parapet

Hard Landscape

- Ketley quarry tiled planter edge
- Ketley quarry tiled pedestrian surface
- Ketley quarry tiled block bench
- Ketley quarry tiled ventilation duct cover
- Amphitheatre
- Ketley quarry tiled steps
- Water features
- Stepping stone informal path
- Brick planter retaining wall 300-750mm high
- Ramp
- Existing hand rail
- Proposed hand rail
- Gravel path
- Safety surface
- Tactile paving
- Galvanised and black painted steel gratings to ventilation ducts
- Existing gully
- Proposed drainage side inlet
- Drainage channel
- Expansion joint

Soft Landscape

- Proposed tree
- Shrubs and perennial mix
- Amenity grass
- Sedum bed
- Community planter

Furniture, Play and Exercise

- Wooden bench and chair
- Balance logs
- Clatter bridge
- Stepping logs
- Play logs
- Log climbing frame
- Exercise area 1: core and lower body - 2 pieces of exercise equipment
- Exercise area 2: upper body - 3 pieces of exercise equipment

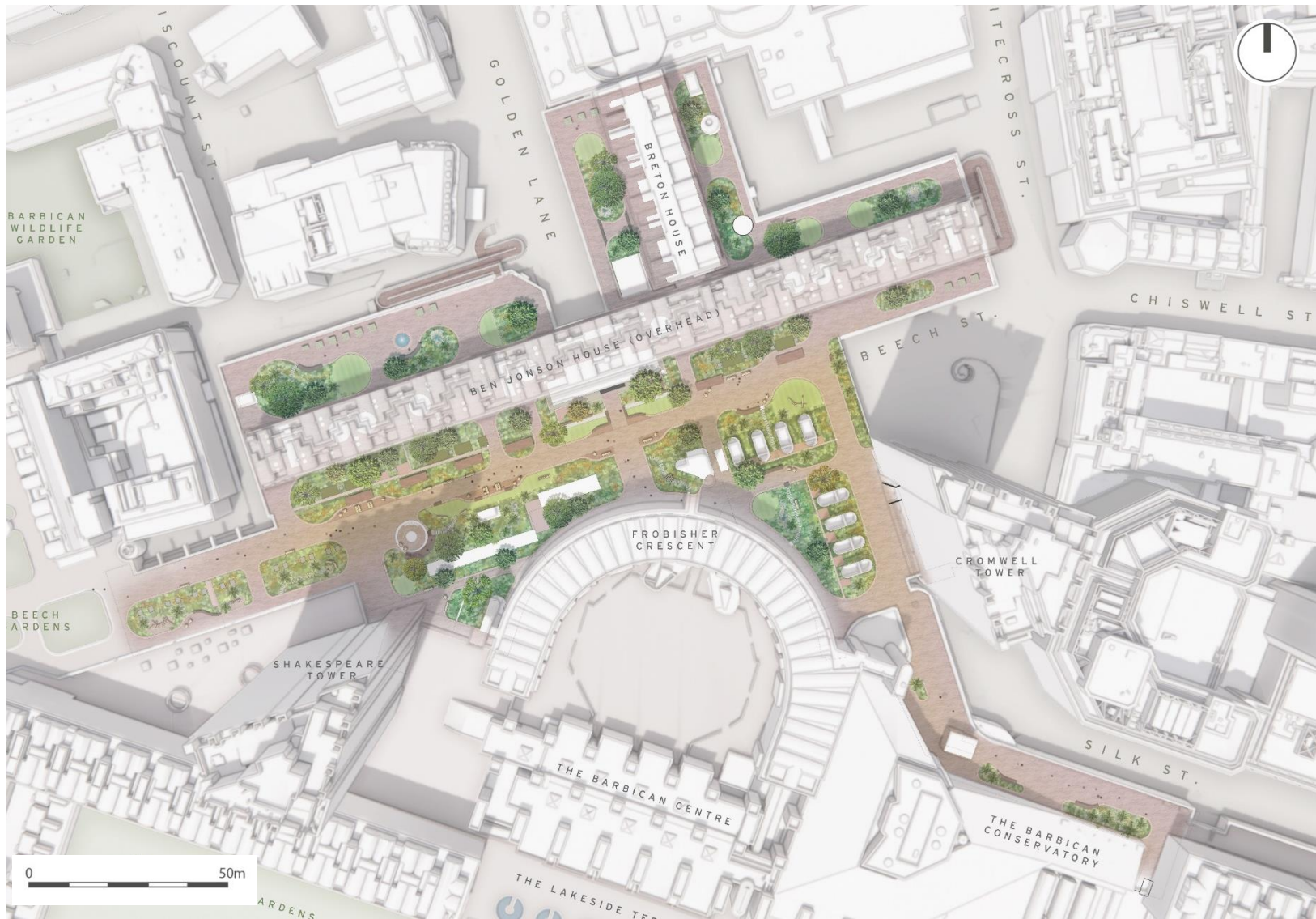
Lighting

- Globe light
- Double heritage globe
- Bollard light
- Wall-mounted light
- Surface-mounted downlight
- Wall-mounted luminaire
- In-ground linear up-light
- In-ground up-light - entrance
- In-ground up-light

Existing Buildings and Mechanical Features

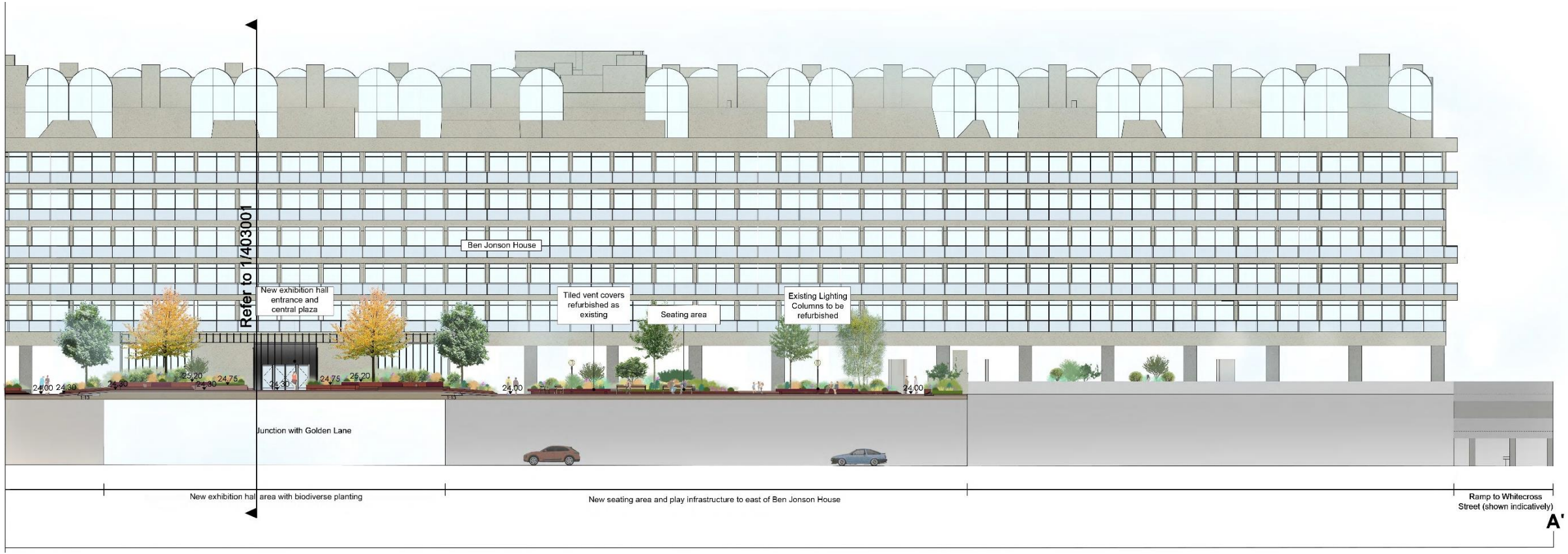
- Existing Barbican Estate buildings
- Existing vents and structures retained
- Retained exterior wall
- Building entrance

Design Proposals – General Arrangement Detail Area 4 of 4

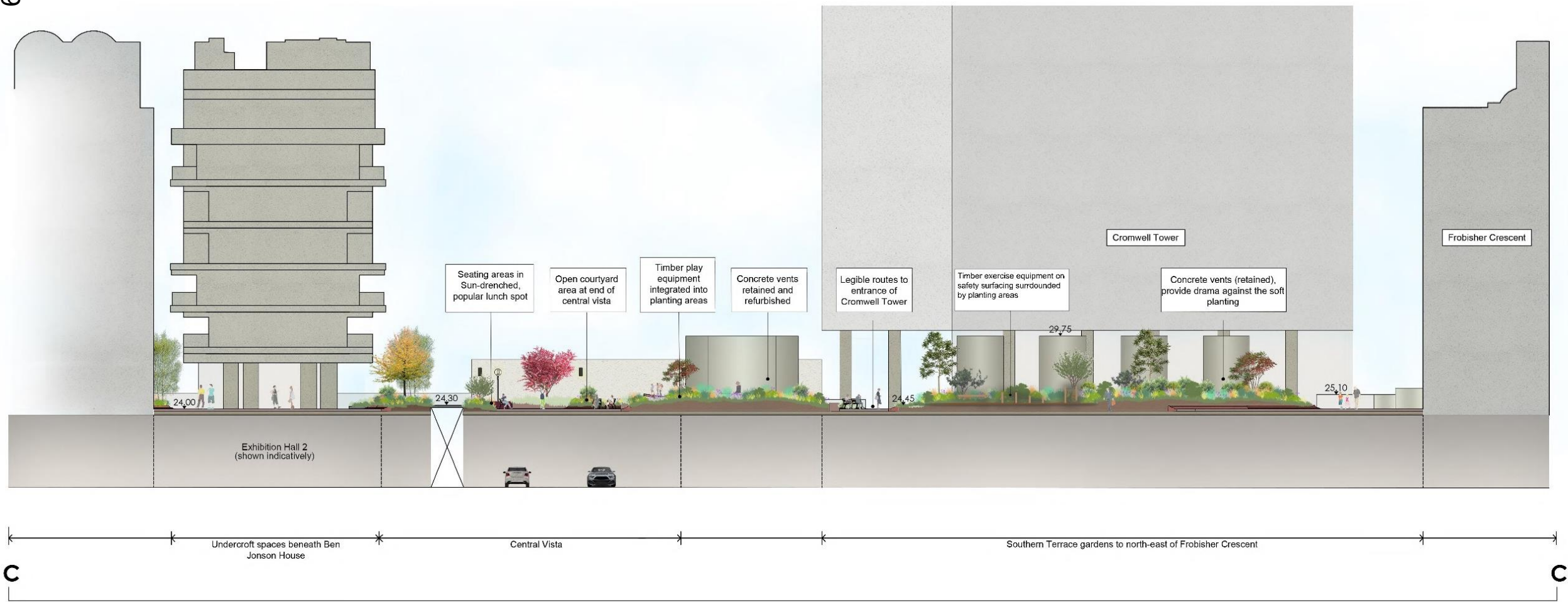


- The design takes inspiration from the **garden squares** of London that informed other parts of the Barbican Estate landscape;
- The **main vista** is broken up into a series of main 'garden squares' with a central open space and more intimate, intricate spaces surrounding this;
- The vista is formed of **wide, open spaces** and generous, legible walking routes;
- The northern and southern gardens are characterised by lush, part sun part shade planting with an **intricate network of social and solitary spaces** and circulatory routes
- A **stratified woodland-to-grassland habitat ecotone** is established across the podium;
- Tree planting is used to bring structure to the ground level of the podium and create a **woodland edge habitat**;
- **The architecture and distinctive concrete objects** of the podium are framed by trees and set against naturalistic planting a juxtaposition that emphasises their brutalist character.





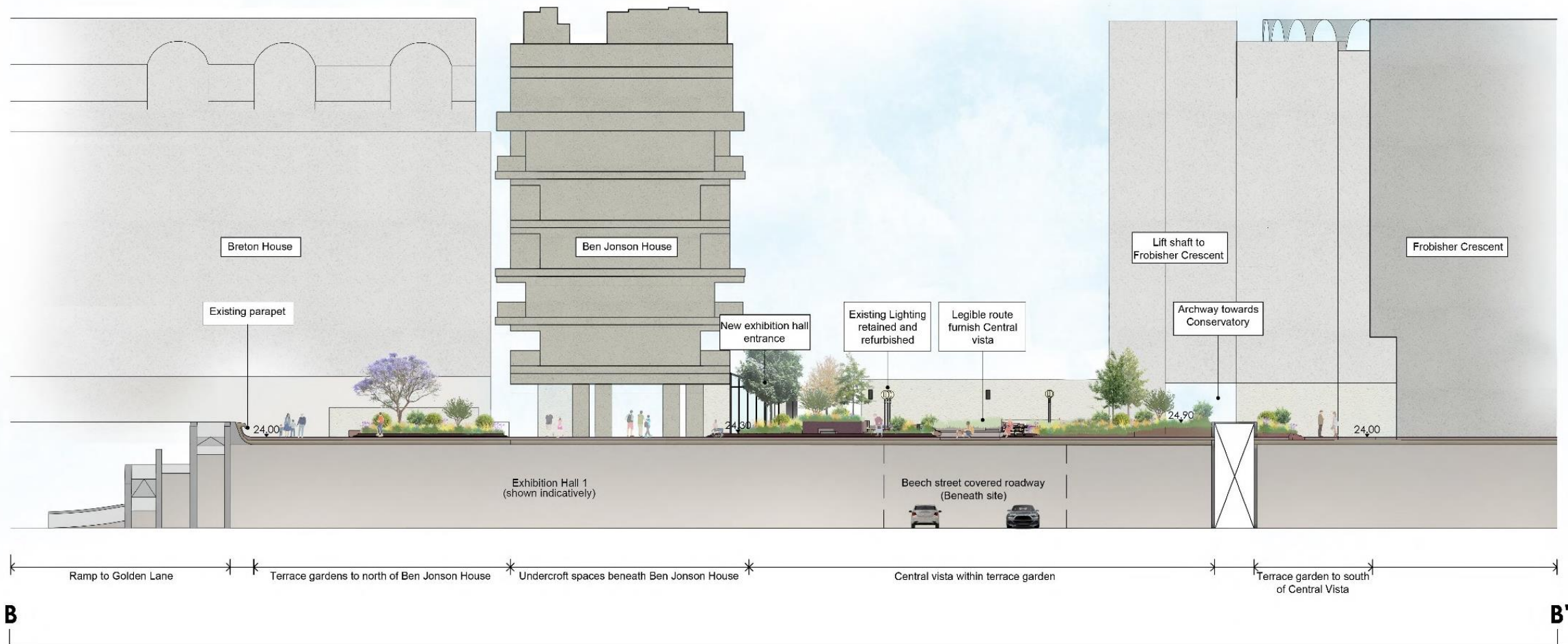
Design Proposals – Cross Section A-A' Part 2



2
403002

BARBICAN PODIUM PUBLIC REALM PROPOSALS

Cross Section C-C' Facing East 1:200



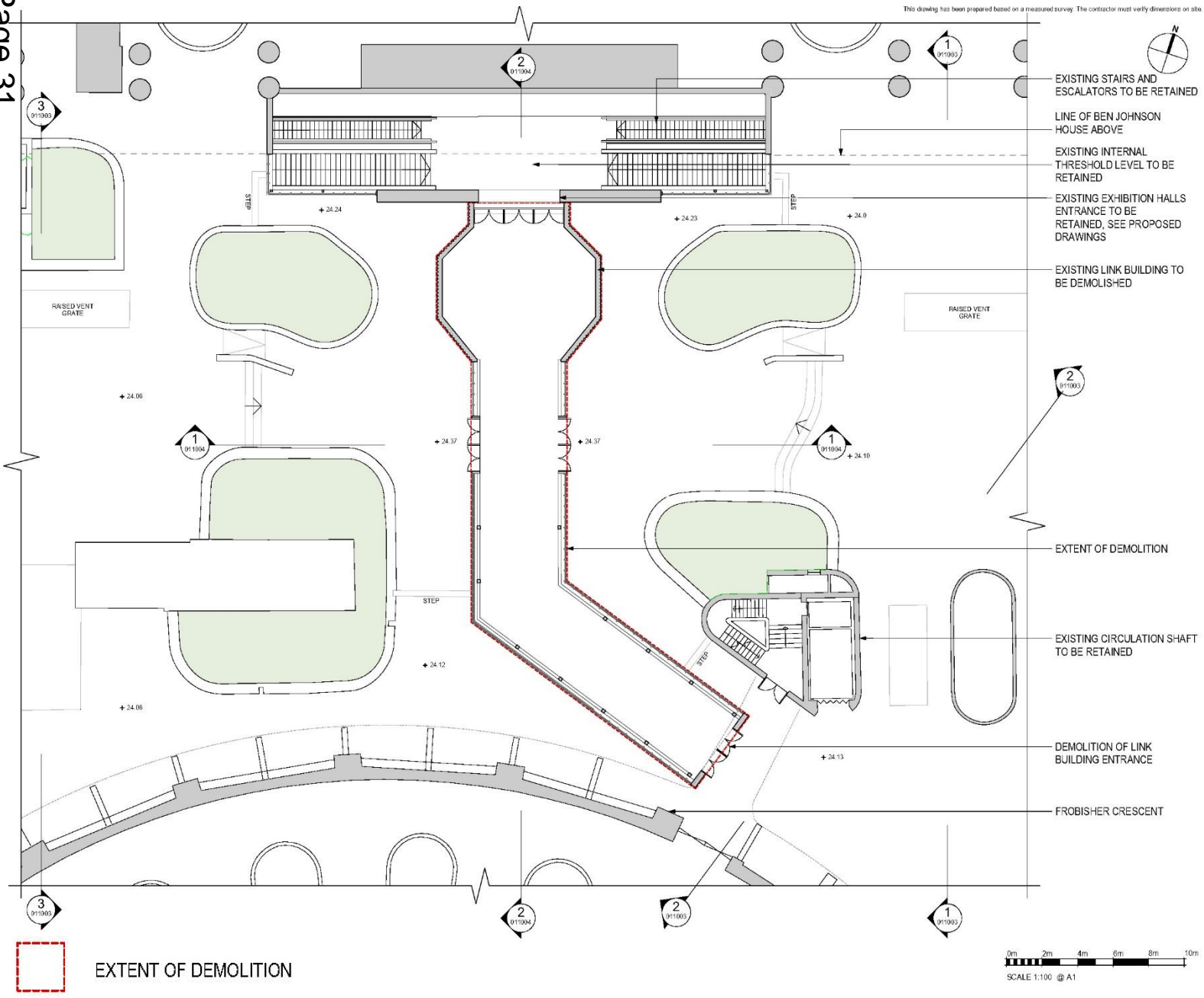
1
403002

BARBICAN PODIUM PUBLIC REALM PROPOSALS

Cross Section B-B' Facing East

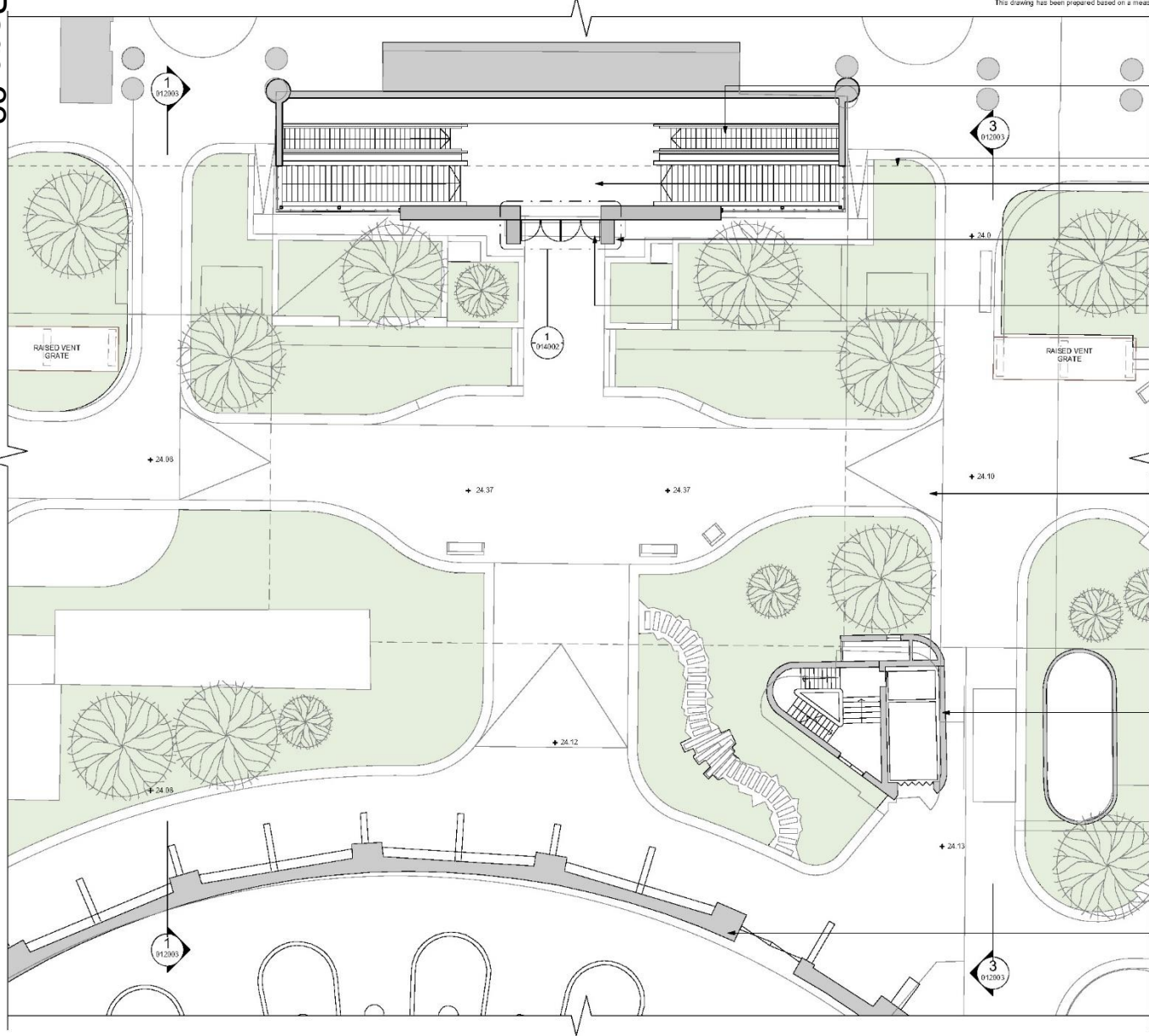
1:200

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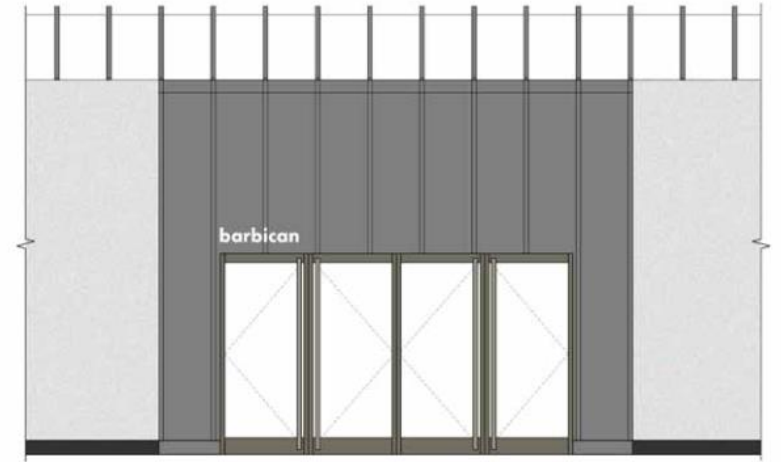


Link Building 'Yellow Shed' Removal – Existing Plan Showing Extents of Link Building Demolition Plan

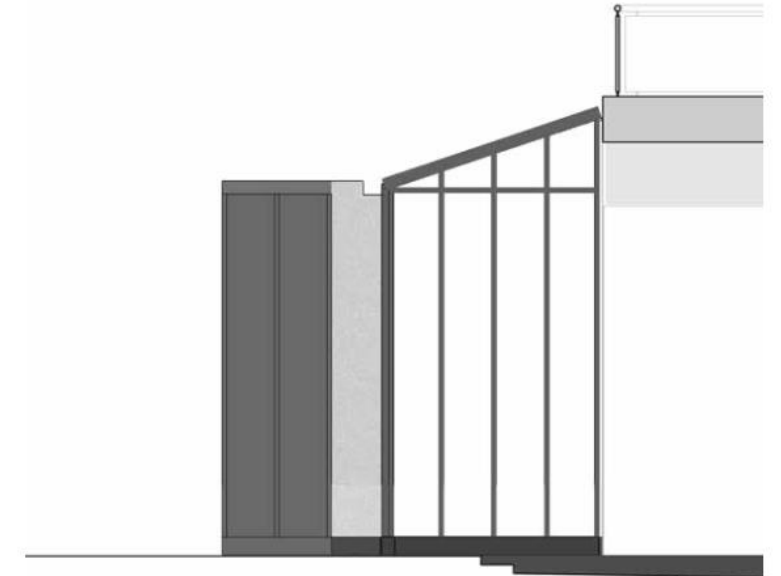
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- EXISTING STAIRS AND EXCALATORS TO BE RETAINED
- LINE OF BEN JONSON HOUSE ABOVE
- EXISTING INTERNAL THRESHOLD LEVEL TO BE RETAINED
- PROPOSED EXHIBITION HALLS ENTRANCE
- PROPOSED EXHIBITION HALLS GLASS DOORS
- PROPOSED LANDSCAPE DESIGN
- EXISTING CIRCULATION SHAFT TO BE RETAINED
- FROBISHER CRESCENT

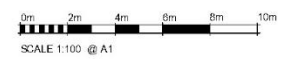


Proposed Exhibition Halls Entrance Front Elevation

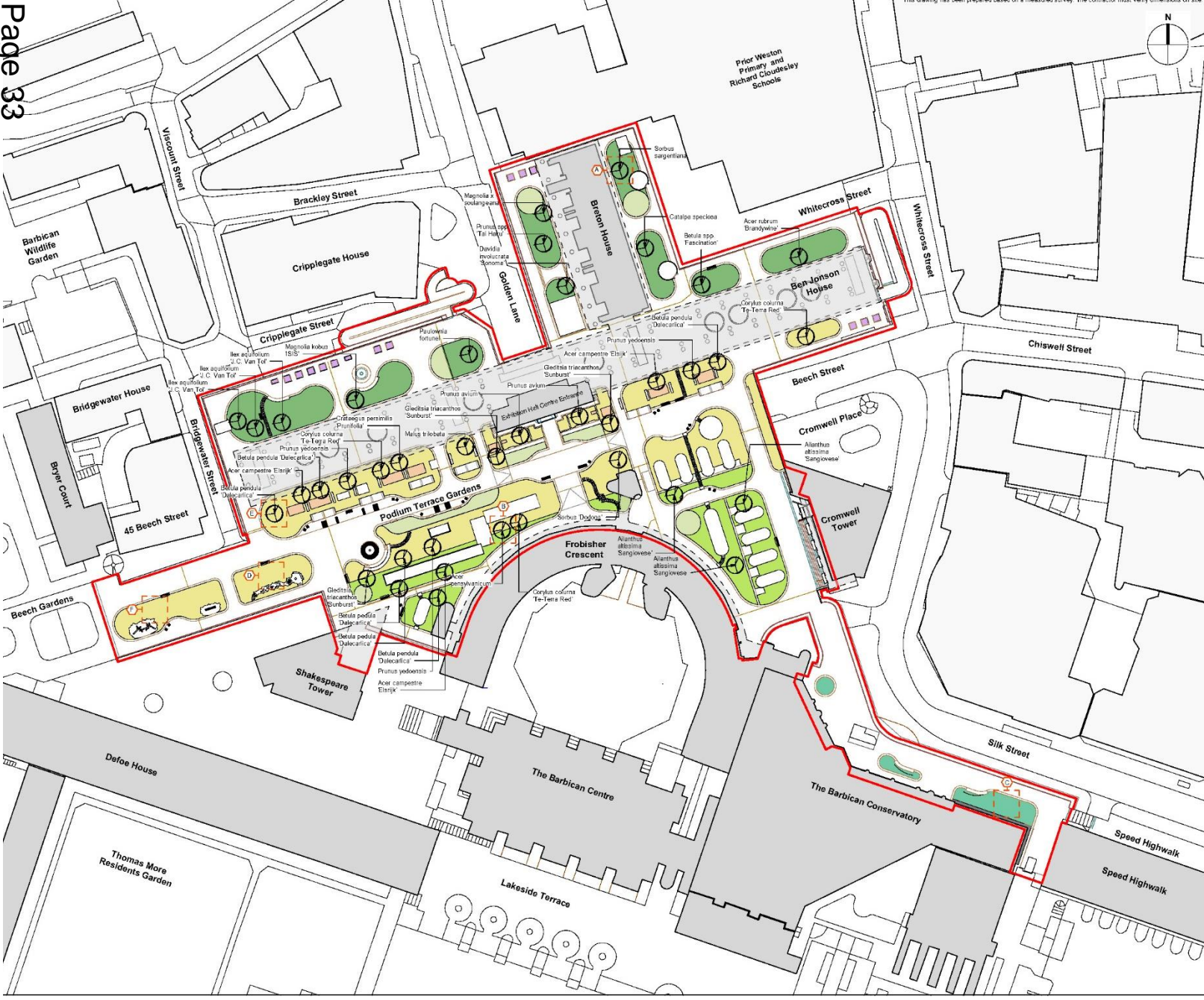


Proposed Exhibition Halls Entrance Side Elevation

1 Proposed Exhibition Halls Entrance Podium Level Plan
SCALE 1:100



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LEGEND

Boundary

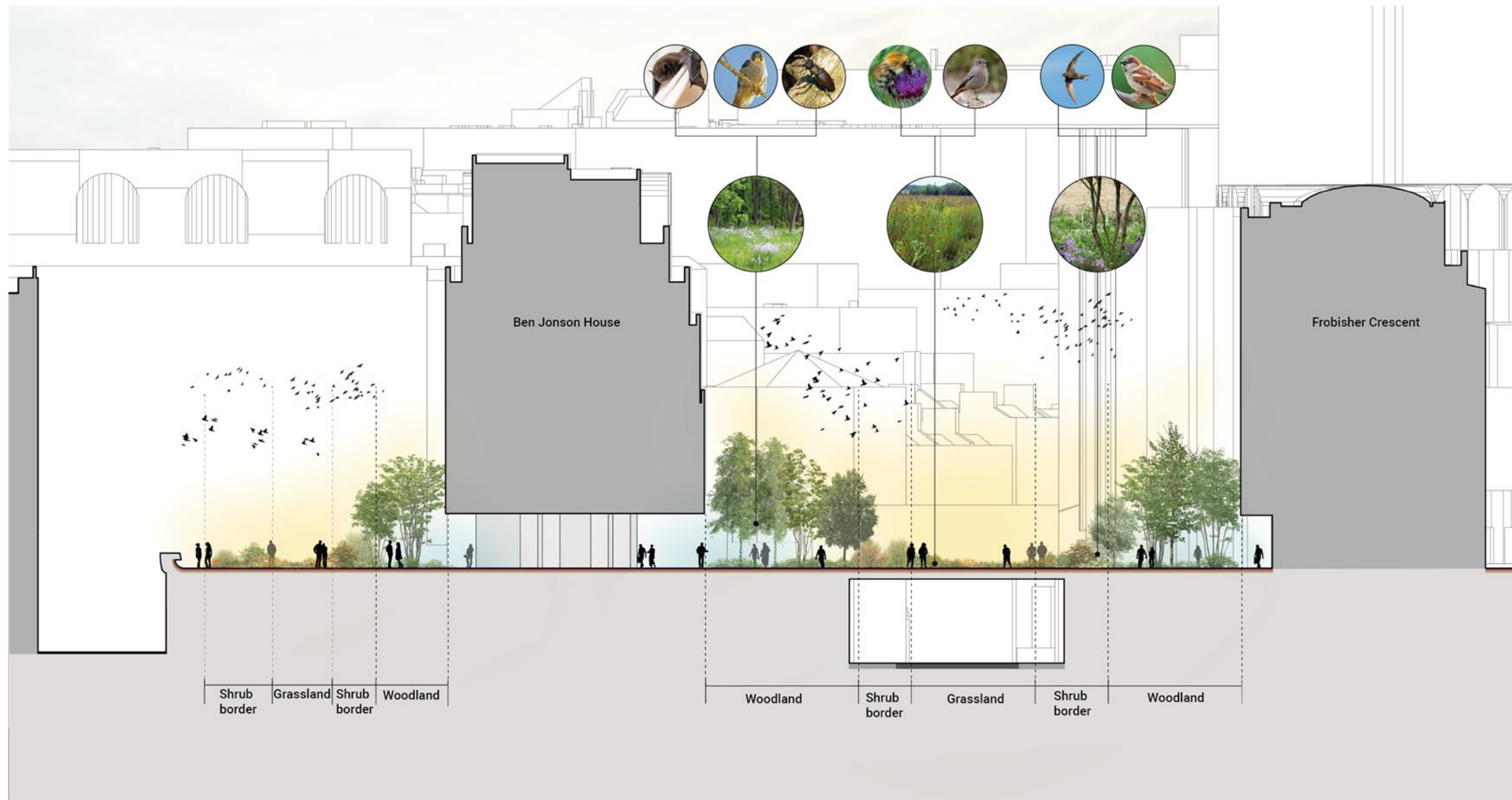
- Development boundary
- Extent of parapet

Soft Landscape

- Proposed small, medium and multi-stem trees
- Planting mix type A: Shrub and perennial mix to Northern Garden area
- Planting mix type B: Shrub and perennial mix to Southern Garden area
- Planting mix type C: Shrub and perennial mix to Conservatory area
- Planting mix type D, E and F: Shrub and perennial mix to Central Vista area
- Sedum green roof system to top of smoke outlet positions
- Amenity grass
- Community planter. Refer to detail 1, drawing 434.002
- Indicative planting area. Refer to drawing 431.001

Existing Buildings

- Existing Barbican Estate buildings
- Existing context buildings



Woodland-Edge Habitat Structure

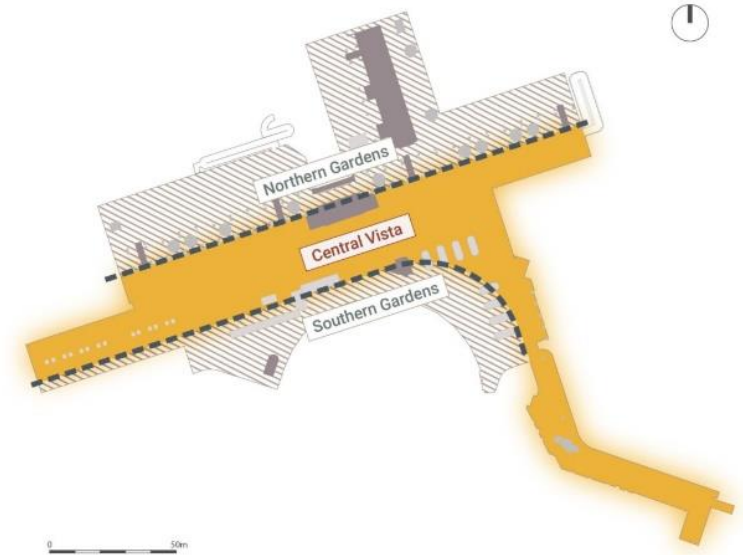
Proposed Planting Design

1. Along the central vista, the planting in phase 2 will take reference from Phase 1. A vibrant mix of spaces with tranquil atmospheres will be created

2, 3, 4 & 5. A mix of woody shrubs and small trees bring the diversity of a woodland edge habitat and provide functions for wildlife all year round.

6, 7, 8, 10 & 11. The Northern and southern gardens will take on a much calmer approach to planting design evergreen plants providing robustness and blocks of planting providing ease of maintenance, variety is created instead in the detailing of plant structures and foliage patterns.

9. The planting areas outside of the conservatory provide an opportunity to celebrate climate-appropriate exotic-looking foliage and striking plant specimens; drawing attention back to the iconic winter garden structure



Planting Palette: Central Vista

Concept: Woodland Edge Ecotones. The woodland edge ecotones on each side of the concourse will grade from low perennial at the edges to plantings of trees and shrubs closer to the built forms of Ben Johnson House and Frobisher Crescent. This can be best developed and expressed on the south-facing edges and across the central beds, because of the greater warmth and light encouraging more flowering, fruiting, and autumn leaf colours. The north-facing edges have fewer possibilities, but in places can merge nicely into the Southern Gardens planted areas.

Character: Scattered single-stem trees at low density towards the built edges of the Central Vista. Multi-stem medium-small trees and shrubs to give height and three-dimensionality, but with see-through transparency, at medium density beneath and around, chosen to have multiple seasons of interest – flower, fruit, autumn colour. Mostly deciduous to enhance that seasonality, but with some evergreens for winter solidity. A ground layer of evergreen woodland and shade-tolerant perennials, bulbs, and seasonal woodland wildflowers. Shrub planting will be so dense as to create unseen or hidden areas.

This zone provides one of the greatest opportunities to include native plant species and demonstrate biodiversity net gain.

Concept: Central Beds. The planting in the central beds and along the borders of the ecotone edges will be more suited to open, exposed and sunny conditions. Because this zone sits above Beech Street, there is little scope for large trees.

Character: the character of the planting will be similar to that in the central concourse zone of the Phase 1 area. A matrix of drought-tolerant grasses with your-round interest, within which flowering perennials and bulbs produce a long season of flowering and visual interest, including native wildflowers of dry meadows and grasslands. Plants established in

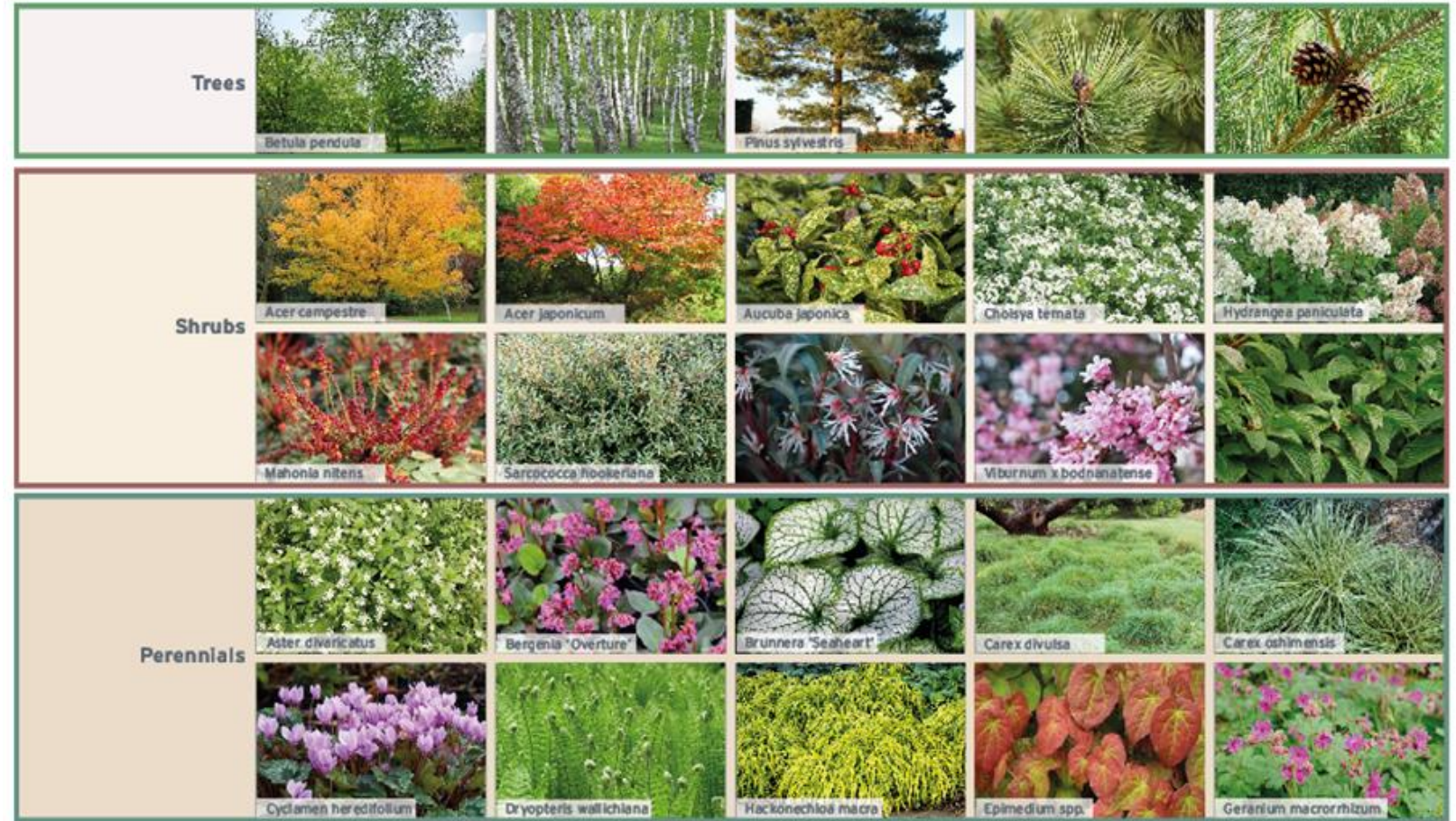


Plating Palette: Southern Gardens

These areas are largely shaded from sun and exposed to other climatic conditions. Imposing concrete structures impress as they rise out of the ground plane. There is a need here for year-round solidity and robustness in the planting.

A largely evergreen palette of shrubs with ground covers, and few trees. Some deciduous shrubs for seasonal highlights. Perennial layer mostly block planting to aid with maintenance and reference the existing planting scheme.

The Southern Gardens will be similar in style and feel to the Northern Gardens but will be unique in their composition and detailing to create distinctiveness.



Plating Palette: Northern Gardens

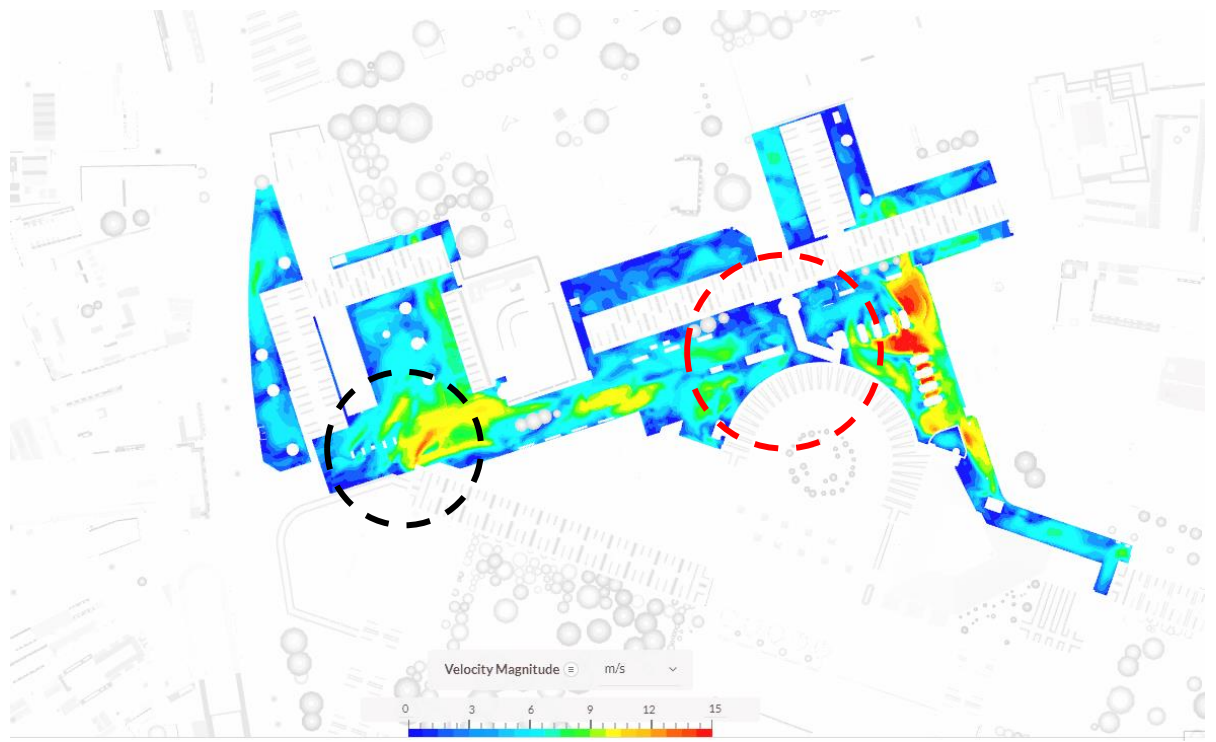
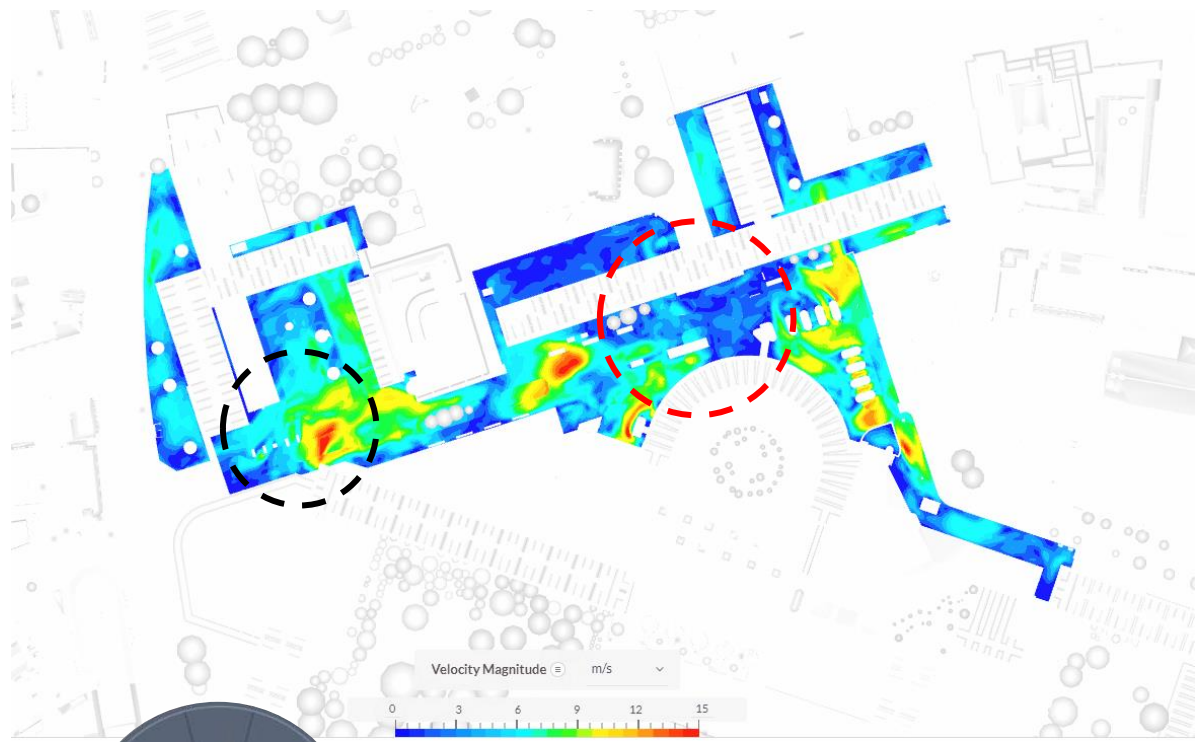
These areas are also largely shaded from sun and exposed to other climatic conditions. Imposing concrete structures impress as they rise out of the ground plane. There is a need here for year-round solidity and robustness in the planting.

A largely evergreen palette of shrubs with ground covers, and few trees. Some deciduous shrubs for seasonal highlights. Perennial layer mostly block planting to aid with maintenance and reference the existing planting scheme.

The Northern Gardens will be similar in style and feel to the Southern Gardens but will be unique in their composition and detailing to create distinctiveness.

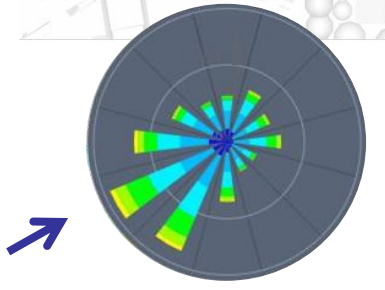


Wind speed

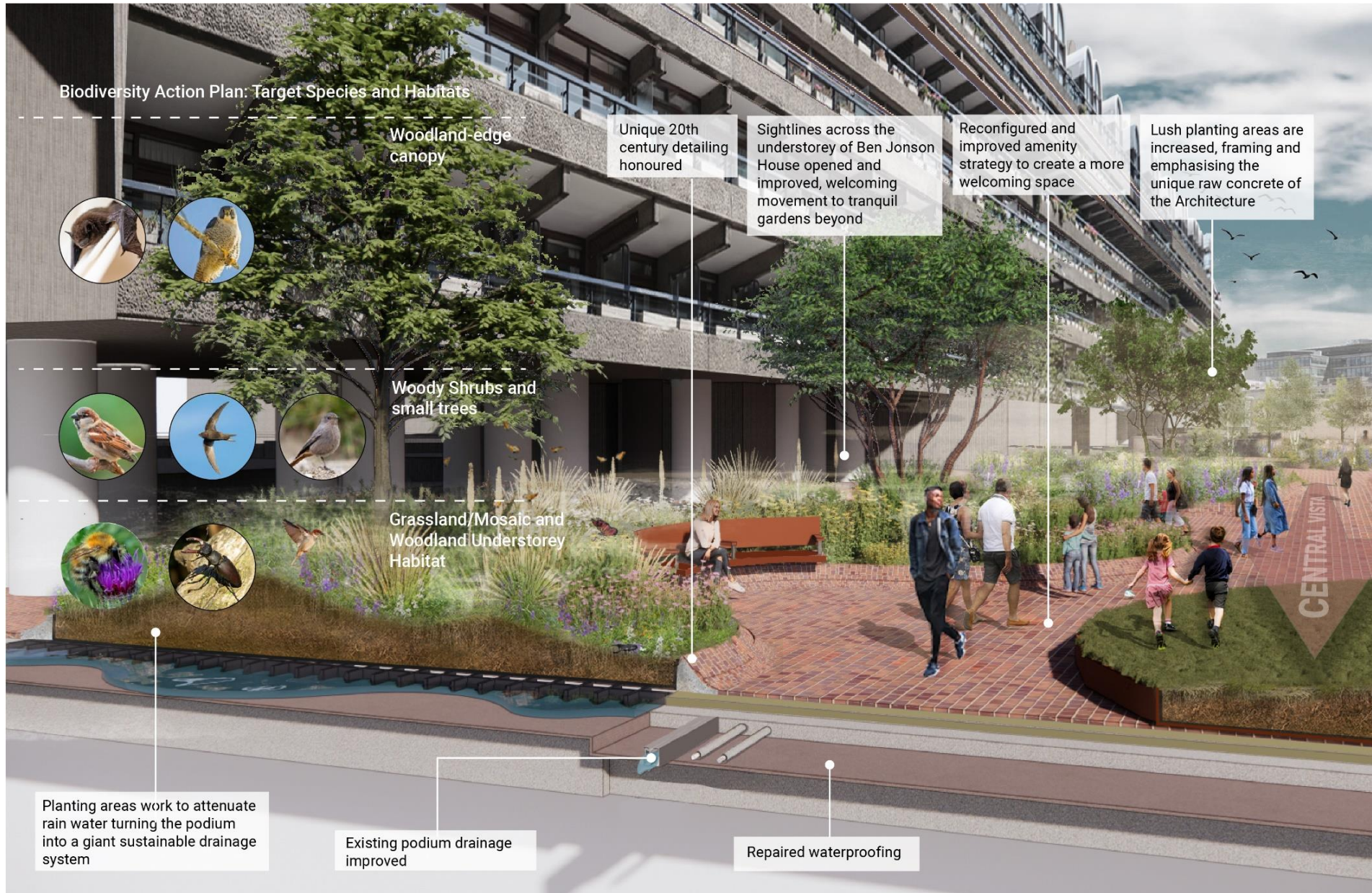


Without the Link building

With the Link building



- 0 < x ≤ 2.5 m/s
- 2.5 < x ≤ 5.0 m/s
- 5.0 < x ≤ 7.5 m/s
- 7.5 < x ≤ 10.0 m/s
- 10.0 < x ≤ 12.5 m/s
- 12.5 < x ≤ ∞ m/s



Resilient Ecosystem

Timber Benches

With arm-rests and Back Rests



Tiled Blockwork Benches

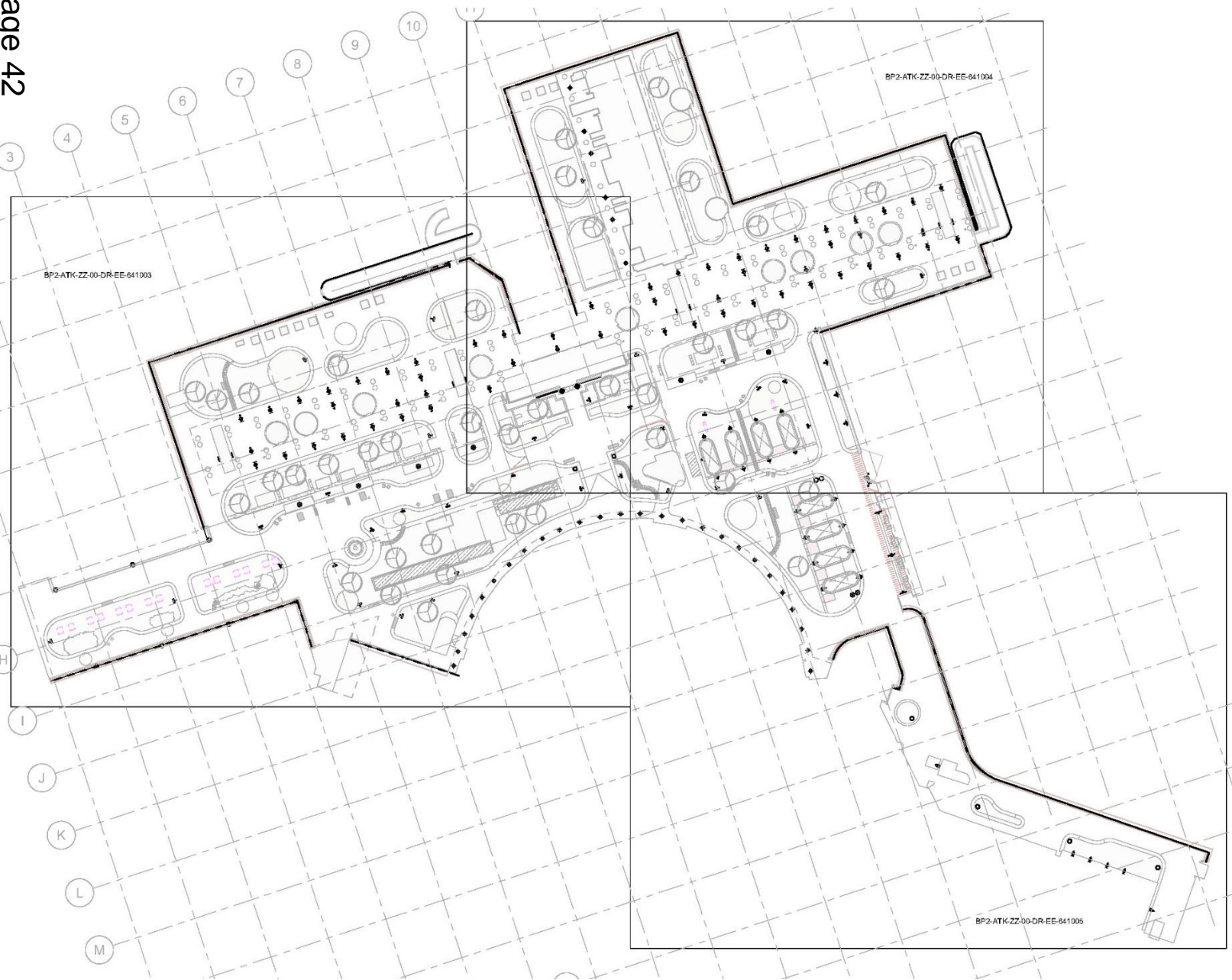
As existing, but a more robust detail



Tiled Terraced Seating

As seen at Beech Gardens and at the Lakeside Terrace



















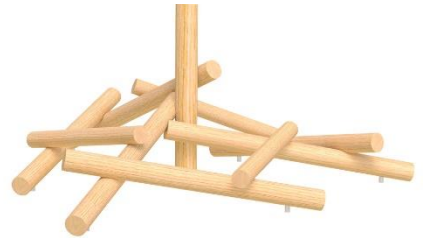
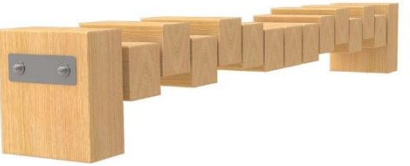


- LEGEND**
- ⊙ XA1 - EXISTING SINGLE HERITAGE GLOBE LIGHT UNIT FITTED ON 1.8M COLUMN, MOUNTED ON PARAPET WALL, MOUNTING HEIGHT: 3.2M ABOVE FINISH FLOOR LEVEL, TO BE REFURBISHED, REUSED, AND REINSTALLED BACK IN THE EXISTING LOCATION.
 - ⊗ XA2 - EXISTING SINGLE HERITAGE GLOBE LIGHT UNIT FITTED ON 3.1M COLUMN, MOUNTED ON TILED TABLE, MOUNTING HEIGHT: 4M ABOVE FINISH FLOOR LEVEL, TO BE REFURBISHED, REUSED, AND REINSTALLED BACK IN THE EXISTING LOCATION.
 - A3 - PROPOSED SINGLE HERITAGE GLOBE LIGHT UNIT FITTED ON 3.5 M COLUMN, TO BE MOUNTED IN PLANTER, MOUNTING HEIGHT: 4M ABOVE FINISH FLOOR LEVEL.
 - ⊙⊙ XA4 - EXISTING DOUBLE HERITAGE GLOBE LIGHT UNIT FITTED ON 3.5 M COLUMN, MOUNTED IN PLANTER, MOUNTING HEIGHT: 4M ABOVE FINISH FLOOR LEVEL, TO BE REFURBISHED, REUSED, AND REINSTALLED BACK IN THE EXISTING LOCATION.
 - ⊗⊗ XA5 - EXISTING DOUBLE HERITAGE GLOBE LIGHT UNIT FITTED ON 3.5 M COLUMN, MOUNTED IN PLANTER, MOUNTING HEIGHT: 4M ABOVE FINISH FLOOR LEVEL, TO BE REFURBISHED, REUSED, AND REINSTALLED IN A NEW LOCATION.
 - ↑ B1 - PROPOSED BOLLARD LIGHTING WITH 180° LIGHT EMISSION, MOUNTING HEIGHT: 875MM ABOVE THE PLANTER.
 - ↑ B2 - PROPOSED BOLLARD LIGHTING WITH 180° LIGHT EMISSION, MOUNTING HEIGHT: 910MM ABOVE THE PLANTER.
 - ↑ C1 - PROPOSED WALL-MOUNTED LUMINAIRE WITH DIRECTED LIGHT, TO BE MOUNTED TO THE SIDE OF CONCRETE BEAMS UNDERSIDE OF BUILDING, TO REPLACE EXISTING LUMINAIRES IN LIKE FOR LIKE LOCATIONS.
 - ↑ C1 - PROPOSED WALL-MOUNTED LUMINAIRE WITH DIRECTED LIGHT, TO BE MOUNTED TO THE SIDE OF CONCRETE BEAMS UNDERSIDE OF BUILDING, NEW LUMINAIRE TO BE ADDED TO NEW LOCATION.
 - ↑ C2 - PROPOSED WALL LUMINAIRE WITH ASYMMETRICAL LIGHT DISTRIBUTION, MOUNTING HEIGHT: 2000MM ABOVE FINISH FLOOR LEVEL.
 - ↑ C3 - PROPOSED WALL-MOUNTED LUMINAIRE TO BE MOUNTED UNDERSIDE OF CONCRETE BEAMS, NEW LUMINAIRE TO REPLACE EXISTING IN LIKE FOR LIKE LOCATIONS.
 - ↑ C4 - PROPOSED WALL-MOUNTED LUMINAIRE TO REPLACE EXISTING IN LIKE FOR LIKE LOCATIONS.
 - ↑ C5 - PROPOSED LINEAR WALL-MOUNTED LUMINAIRE TO BE MOUNTED ABOVE THE ENTRANCE DOORS, NEW LUMINAIRE TO REPLACE EXISTING IN LIKE FOR LIKE LOCATIONS.
 - ↑ D1 - PROPOSED IN-GROUND UP-LIGHT WITH ASYMMETRICAL LIGHT DISTRIBUTION RECESSED IN PLANTER TO ILLUMINATE THE VENTILATION TOWERS.
 - ↑ D2 - PROPOSED IN-GROUND UP-LIGHT WITH SYMMETRICAL NARROW BEAM LIGHT DISTRIBUTION TO LIGHT UP THE EXHIBITION ENTRANCE SOFFIT.
 - D3 - PROPOSED IN-GROUND LINEAR UP-LIGHT WITH ASYMMETRIC WALLWASHER OPTIC TO ILLUMINATE THE WALL.
 - D4 - PROPOSED IN-GROUND LINEAR UP-LIGHT WITH ASYMMETRIC WALLWASHER OPTIC TO ILLUMINATE THE WALL.
 - ⊙ E1 - PROPOSED SURFACE-MOUNTED DOWNLIGHT TO BE MOUNTED UNDERSIDE OF BUILDING SOFFIT, NEW LUMINAIRE TO REPLACE EXISTING IN LIKE FOR LIKE LOCATIONS.
 - F1 - PROPOSED HIGH POWER FLEXIBLE LED STRIP WITH FLAT LIGHTING SURFACE TO BE FIXED UNDERSIDE OF PARAPET WALL (SEE NOTE 11).
 - XF1 - EXISTING HIGH POWER FLEXIBLE LED STRIP WITH FLAT LIGHTING SURFACE FIXED UNDERSIDE OF PARAPET WALL TO REMAIN IN SITU.
 - ↑ G1 - PROPOSED HANDRAIL LIGHTING WITH ASYMMETRICAL LIGHT DISTRIBUTION RECESSED IN HANDRAIL TO ILLUMINATE STEPS.
 - ↑ G2 - PROPOSED HANDRAIL LIGHTING WITH SYMMETRICAL LIGHT DISTRIBUTION RECESSED IN HANDRAIL TO ILLUMINATE STEPS.
 - ↑ EX - EXISTING WALL-MOUNTED LUMINAIRE TO BE REMAIN IN SITU.



Public Realm Furniture Legend

-  Tiled Blockwork Bench
-  Black Steel and Timber Bench
-  Steel and Timber Single Seat
-  Community Planters
-  Tiled Vent Cover Seats
-  Tiled Steps
-  Pedestrian Handrail/Guardrail
-  Hazard Warning Paving to match paving tiles finish
-  Relocated Existing Waterfeature
-  New Bespoke Waterfeature
-  Amphitheatre
-  Timber Play Trail
-  Play Equipment (Refer to GA for further information)
-  Exercise Area (Refer to GA for further information)
-  Area outlined for Public Art Works (subject to separate scope and planning approvals as required)
-  Existing Relocated Artwork
1: Dancing Dolphin Sculpture by John Revera
2: 'Ascent' by Charlotte Mayer



Natural Play Features within Planting

Outdoor Sit Up Bench

Age Range: 12+ years
 Material: Timber
 Critical Fall Height: 0.6m
 Safety Surfacing: Not required
 Colour: Natural
 Area Required: 2.5m x 2.0m



Outdoor Lifting Beam

Age Range: 12+ years
 Material: Timber
 Critical Fall Height: 0.8m
 Safety Surfacing: Not required
 Colour: Natural
 Area Required: 5.3m x 3.2m



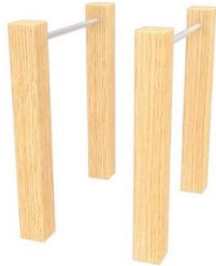
Outdoor Jumping Bars

Age Range: 12+ years
 Material: Timber
 Critical Fall Height: 1.24m
 Safety Surfacing: 46 sqm
 Colour: Natural
 Area Required: 3.5 to 7.64m x 3 to 6.0m



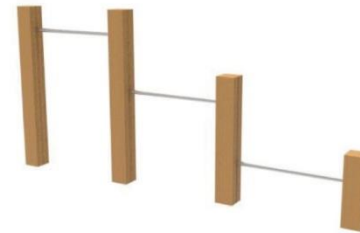
Outdoor Dip Bars

Age Range: 12+ years
 Material: Timber
 Critical Fall Height: 1.1m
 Safety Surfacing: 13 sqm
 Colour: Natural
 Area Required: 4.0m x 3.7m



Outdoor Push-up Bars

Age Range: 12+ years
 Material: Timber
 Critical Fall Height: 1.1m
 Safety Surfacing: 14.5sqm
 Colour: Natural
 Area Required: 5.2m x 3.2m



Play: Log Climbing Frame

Age Range: 4+ years
 Material: Timber
 Critical Fall Height: 0.9m
 Safety Surfacing: 23 sqm
 Colour: Natural
 Area Required: 6.1m x 6.1m



A New Set of Artworks within the Space

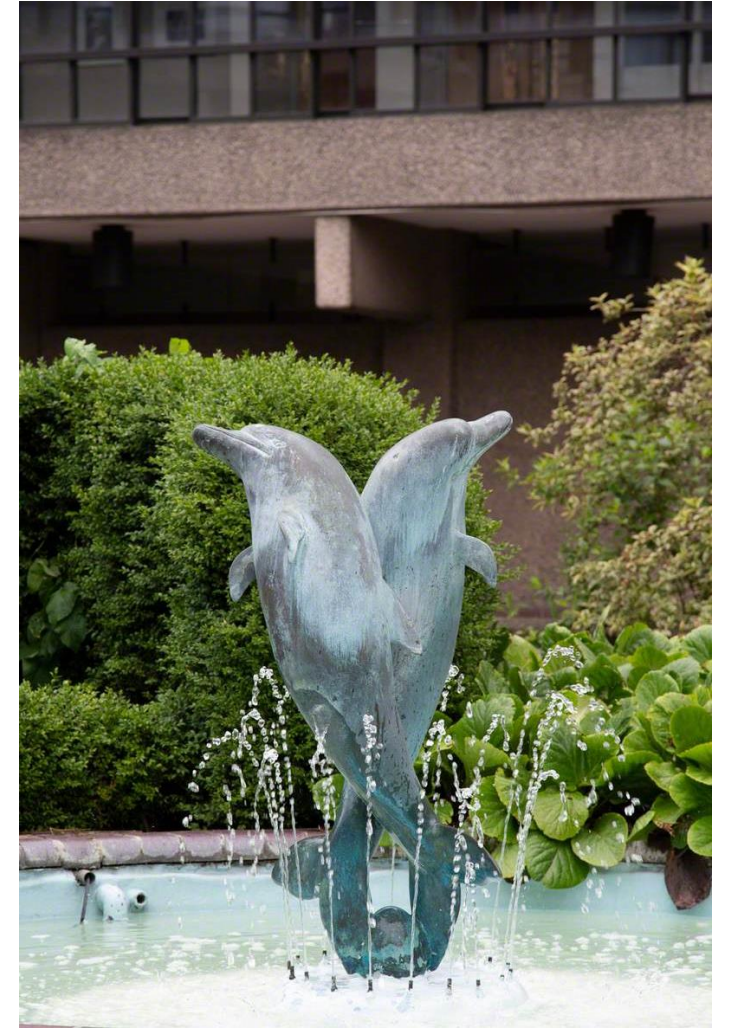
The exact size, shape and type of the artworks will be designed and confirmed following the appointment of an artist later in the construction process



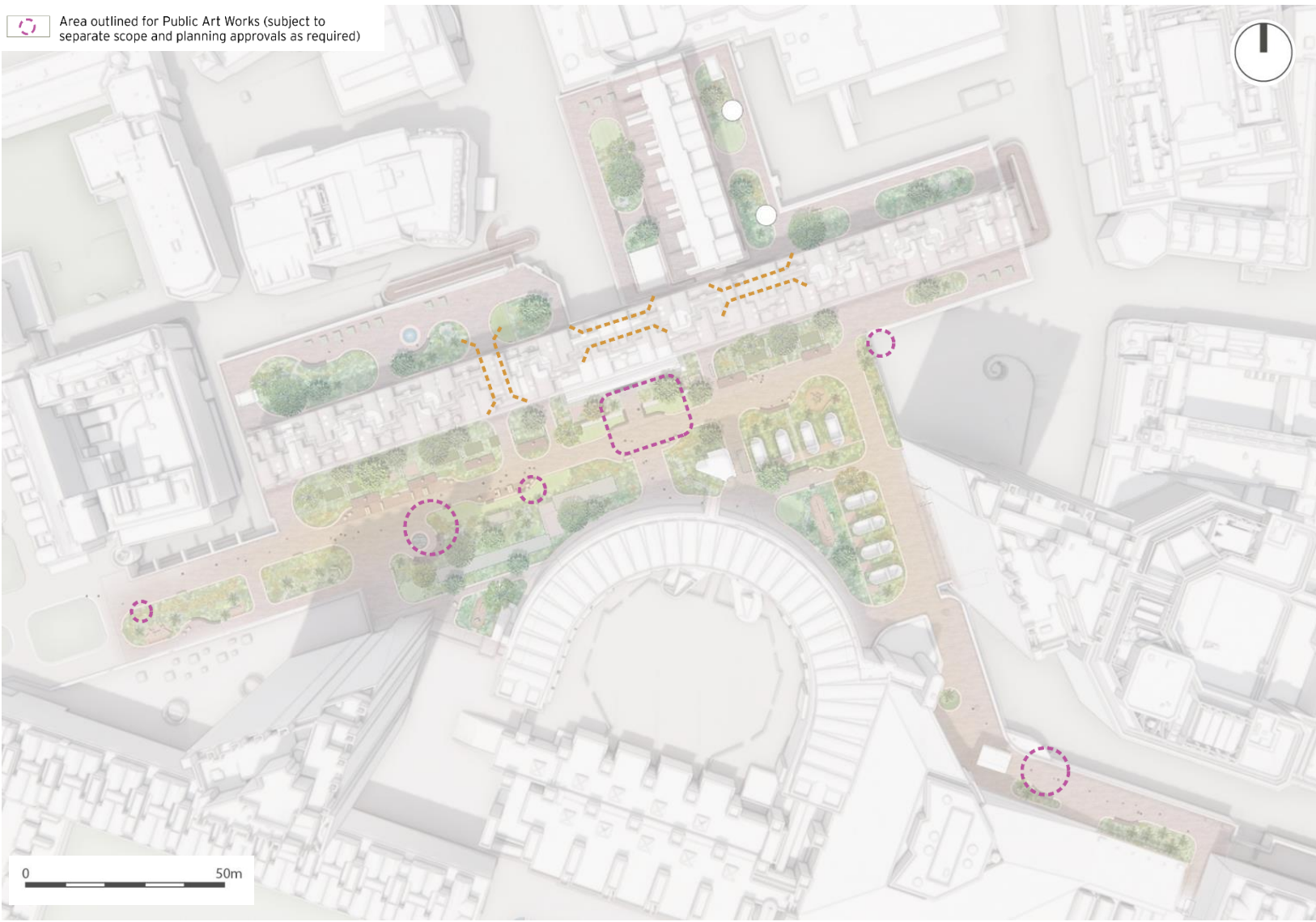
A New Home for Existing Works



Ascent by Charlotte Mayer

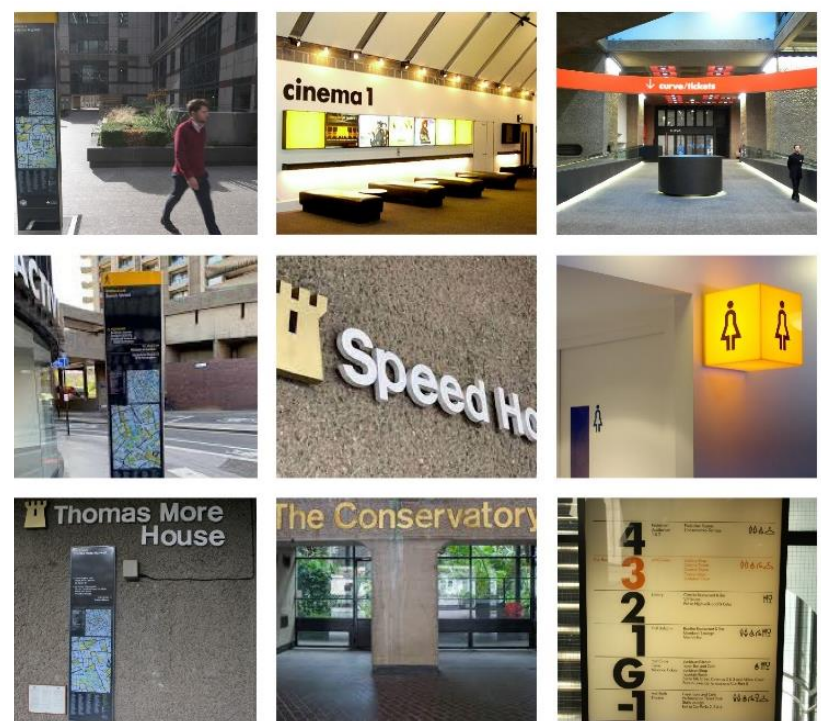
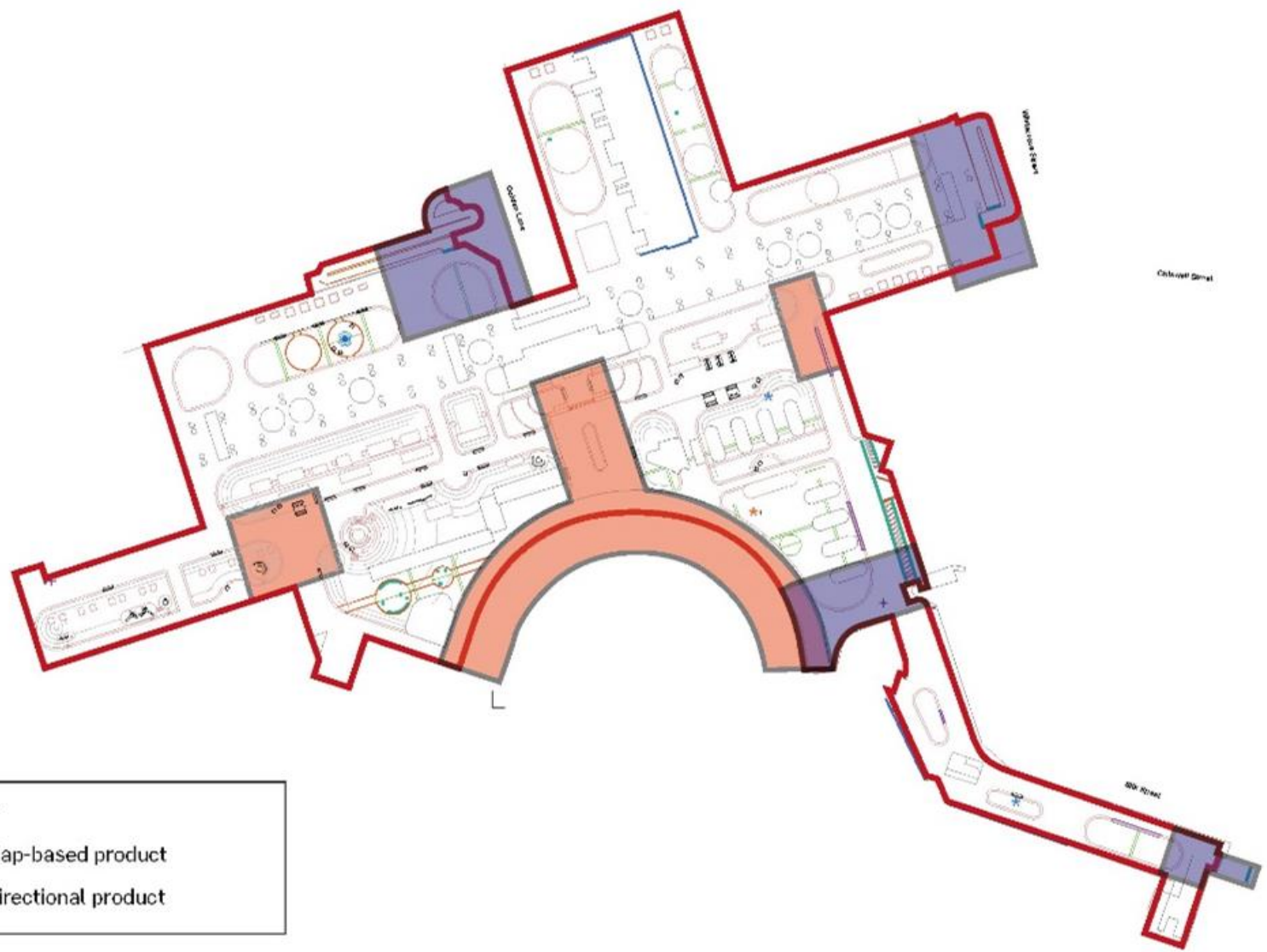


Dolphin Sculpture by John Ravera



Public Art – Indicative Locations

Proposed high level sign placement for the Phase 2 area





Woodland edge
biodiversity planting

Improved, more robust
furniture

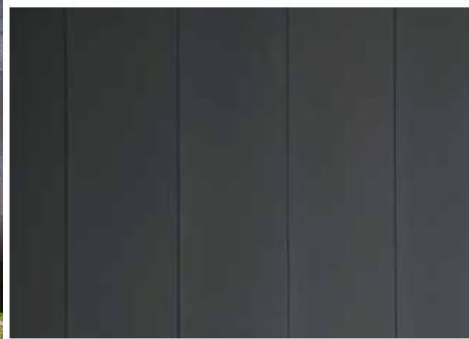
A strong central vista created to frame
architecture and improve legibility

New amphitheatre and relocated,
re-designed water feature

Planting Encapsulates
social spaces

Frobisher Crescent

Design Proposals – Illustrative Visualisation: Facing East Adjacent to Ben Jonson House



Design Proposals – New Exhibition Hall Entrance Visualisation Facing North East



New, tranquil seating areas amongst courtyard planting

Views along key desire lines and to doorways maintained

New planting places emphasis on iconic concrete architecture

New timber exercise equipment set within planting

Views towards Conservatory framed and existing dolhin sculpture relocated

Strong linearity and curvature of buildings highlighted by landscape

Cromwell Tower

Frobisher Crescent

Design Proposals – Illustrative Visualisation: Facing Cromwell Tower from Frobisher Crescent

Buildings along Cripplegate Street

New woodland understory planting with a lower maintenance requirement to other areas

Existing seating areas repositioned to highlight key views

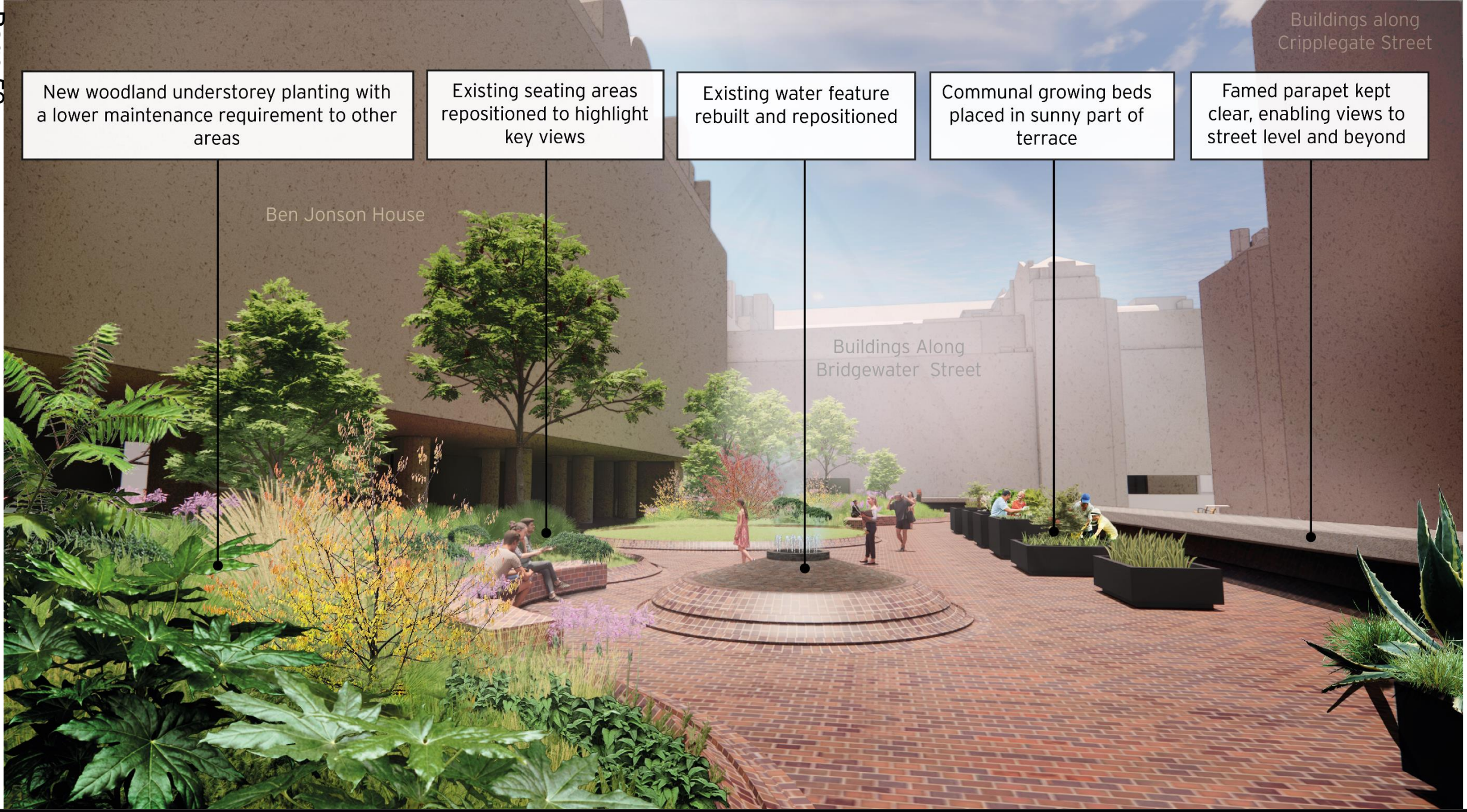
Existing water feature rebuilt and repositioned

Communal growing beds placed in sunny part of terrace

Famed parapet kept clear, enabling views to street level and beyond

Ben Jonson House

Buildings Along Bridgewater Street



Design Proposals – Illustrative Visualisation: Facing West, North of Ben Jonson House

New woodland understory planting with a lower maintenance requirement to other areas

The Barbican Conservatory framed with legible routes and planting

Maintained of and from the parapet views, its strong linearity guides movement across the site

Characteristic architectural elements framed as landmarks



The Barbican Conservatory

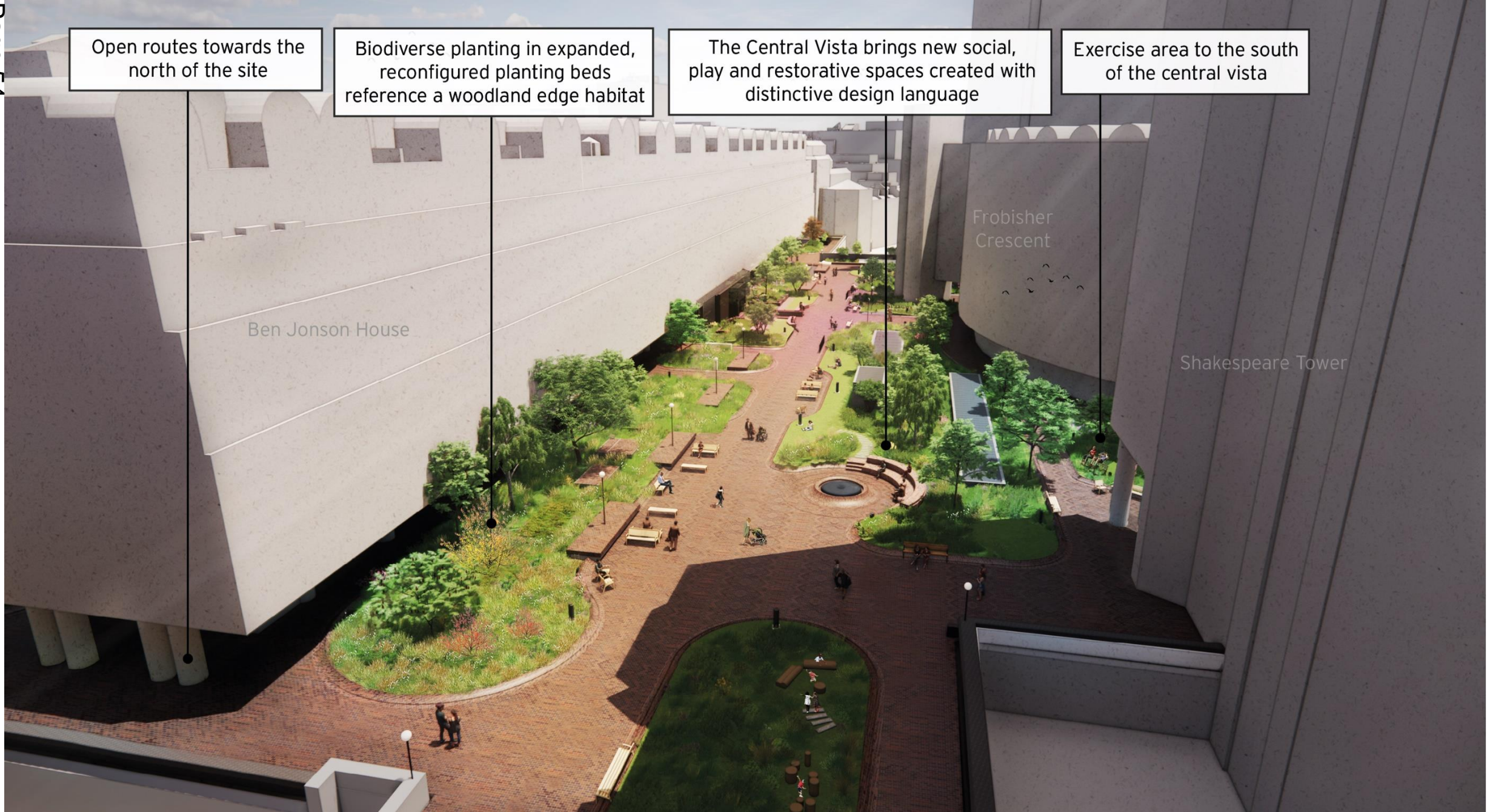
Design Proposals – Illustrative Visualisation: Facing North Towards The Barbican Conservatory

Open routes towards the north of the site

Biodiverse planting in expanded, reconfigured planting beds reference a woodland edge habitat

The Central Vista brings new social, play and restorative spaces created with distinctive design language

Exercise area to the south of the central vista



Design Proposals – Illustrative Visualisation: Elevated Perspective Facing East



Next Planning Applications Sub- Committee
21 July 2023

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