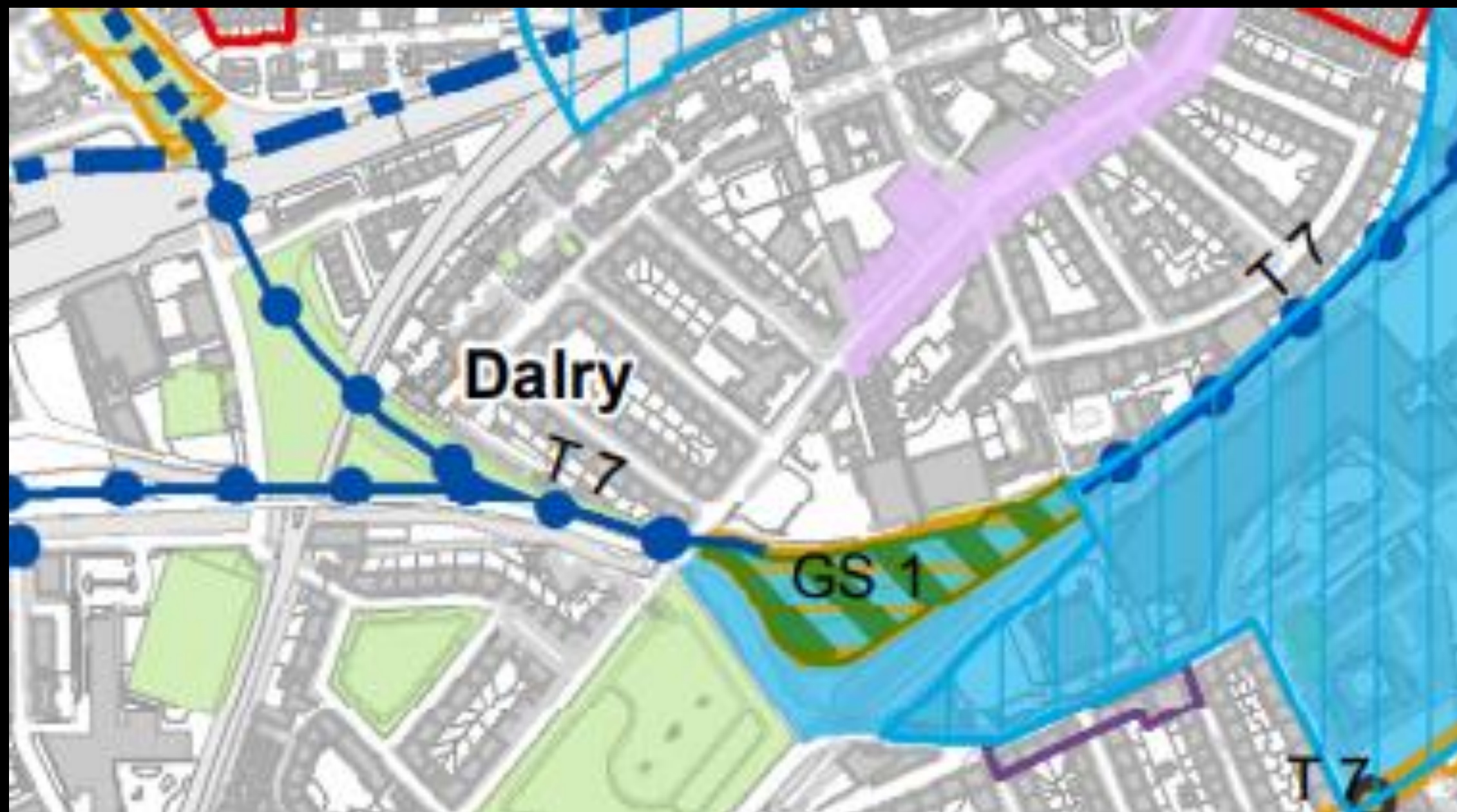


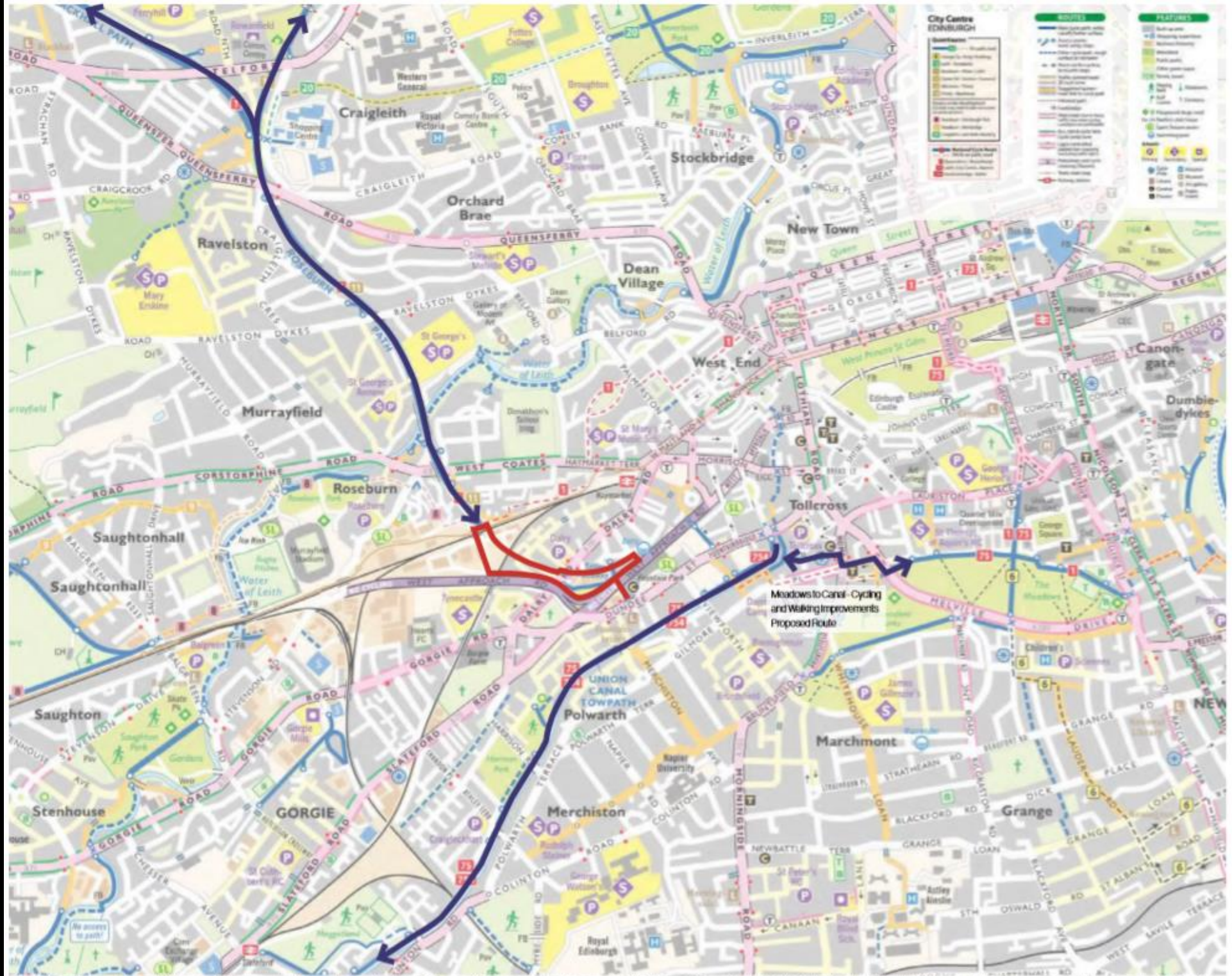
Item 7.2

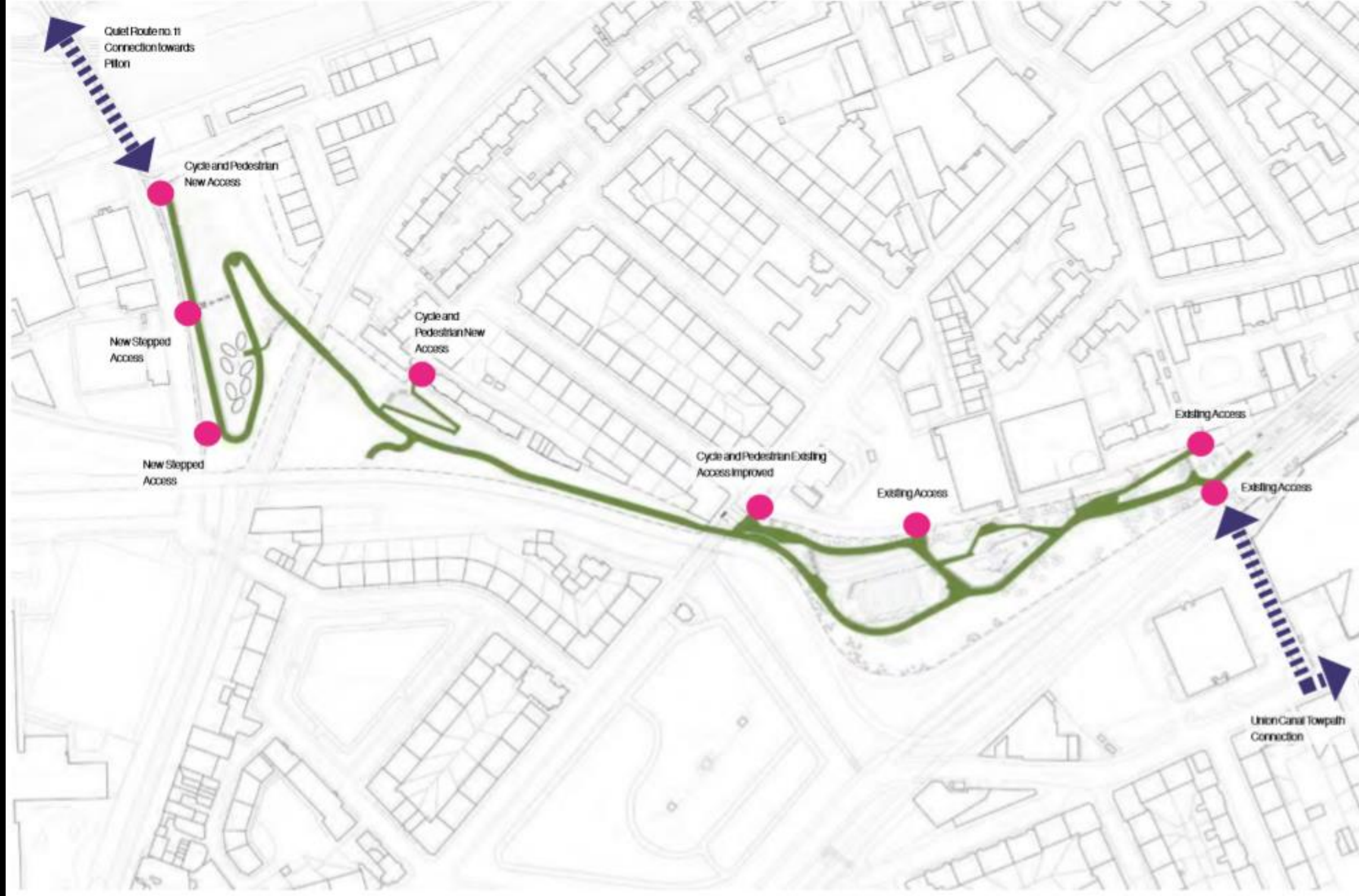
20/03561/FUL, Roseburn and Union Canal at Roseburn Path – Creation of shared pedestrian and cycle path including new bridge crossings, access points, public open spaces and habitats

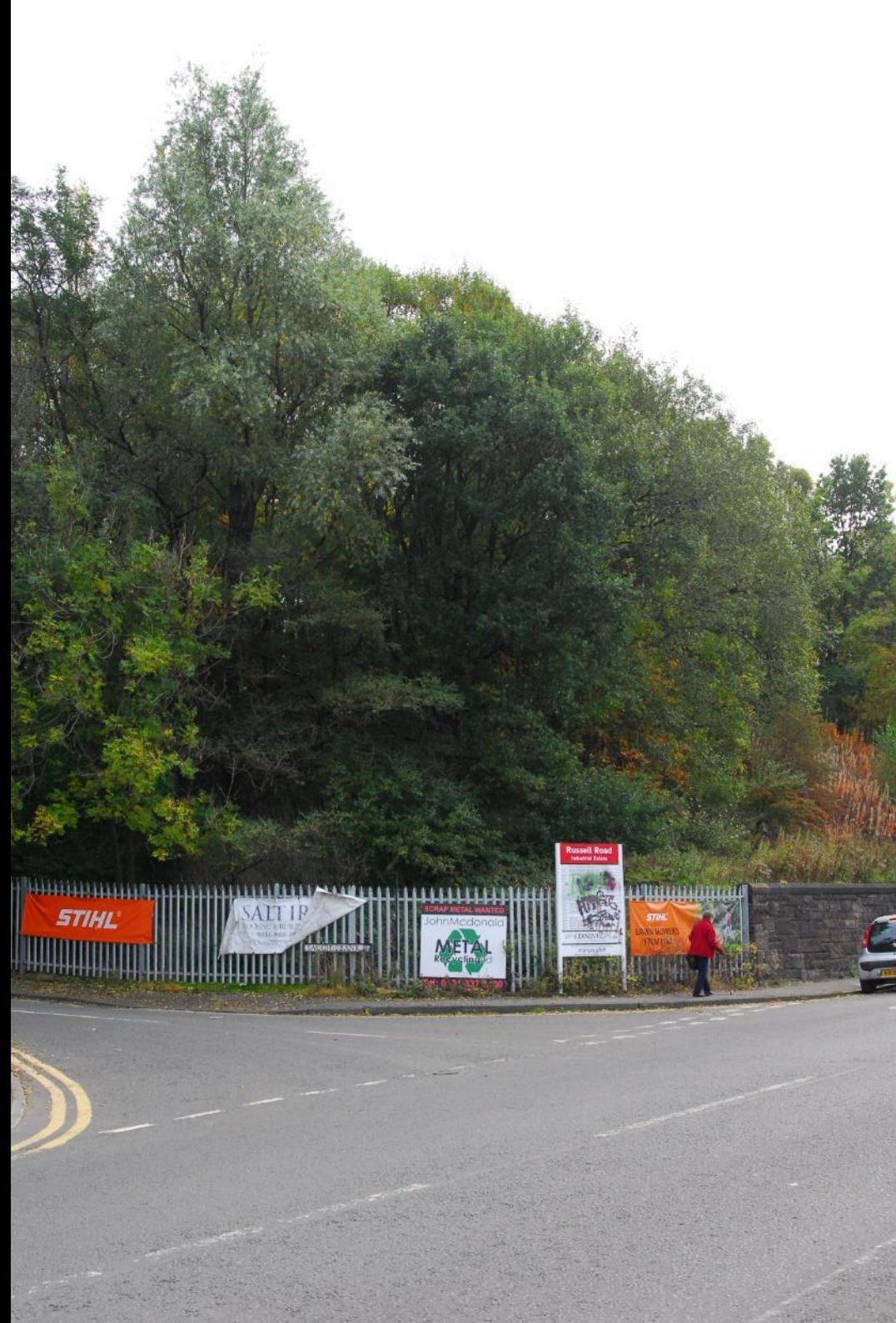




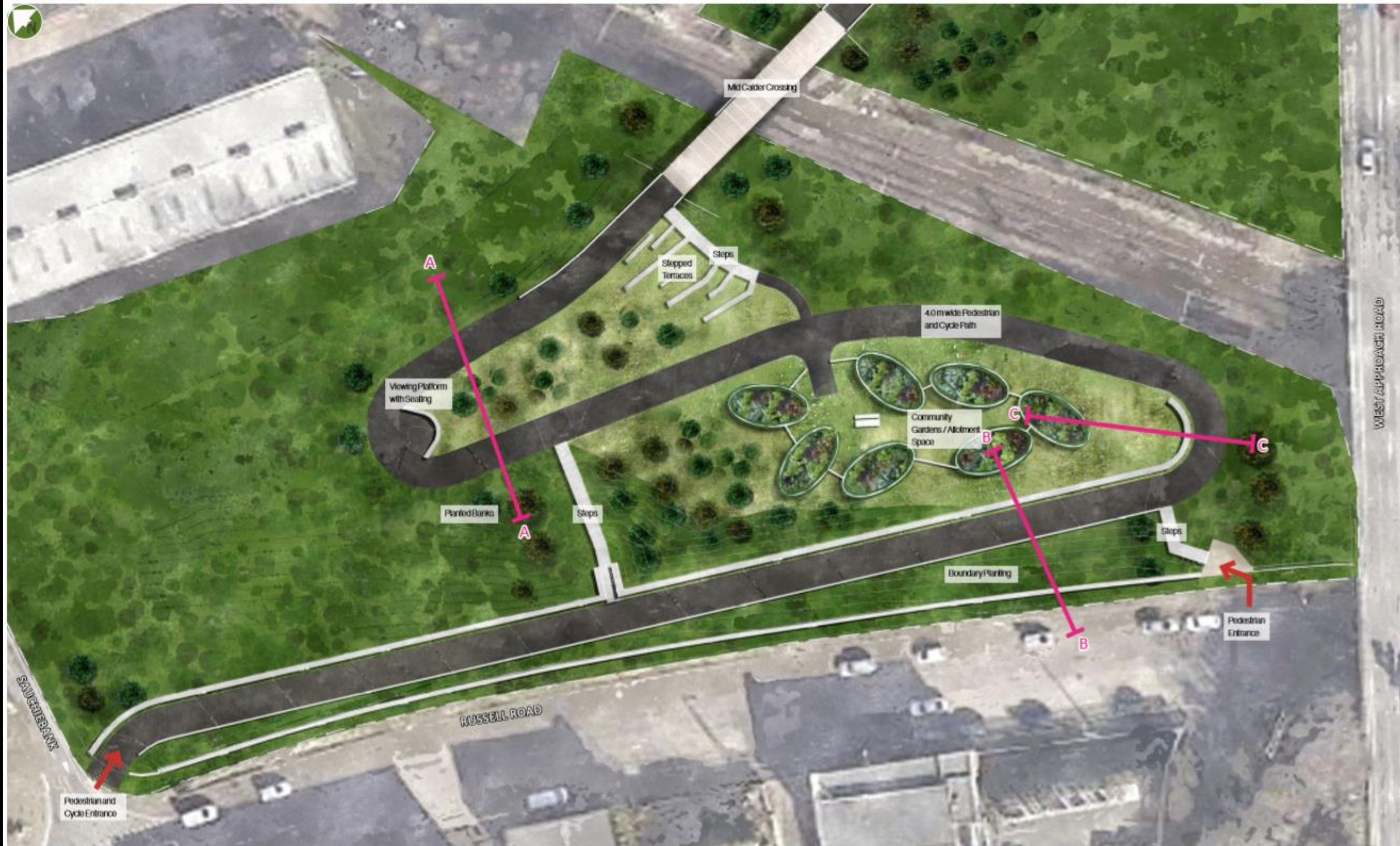












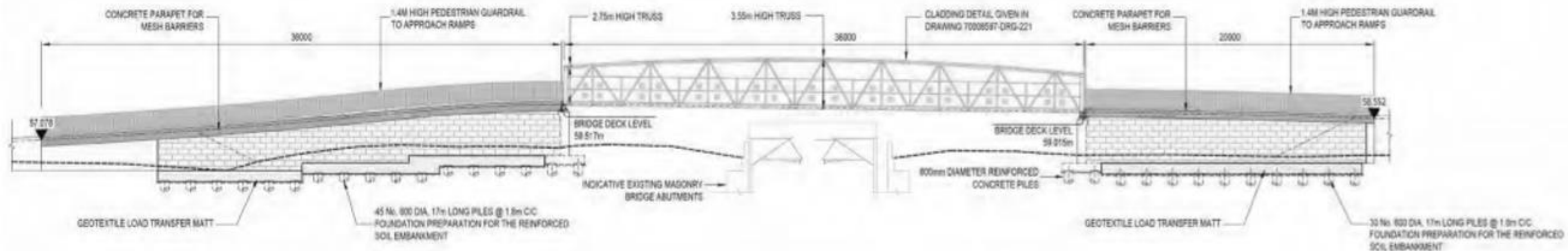






Mid Calder Railway Crossing

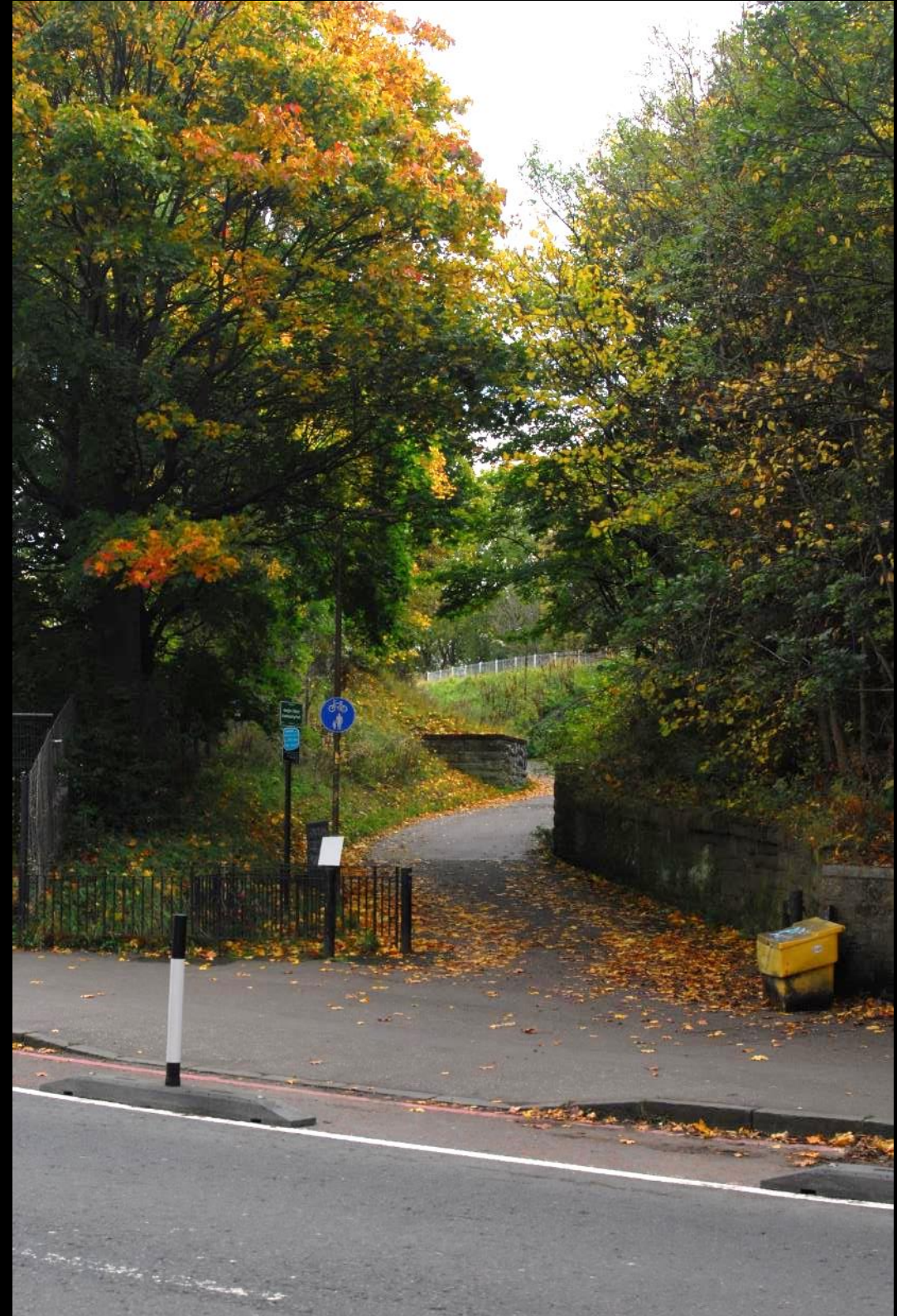
The proposed new bridge crossing over the railway line is aligned with the historical rail bridge crossing at this location. The crossing will be suitable for pedestrians and cyclists. The proposed bridge location and alignment makes best use of the existing embankment, therefore minimising earthworks. The bridge cladding design will be consistent with the principles being promoted across all bridge structures on the proposed scheme, while complying with the Network Rail regulations.



3.5.4 Screen to Western Approach Road

- weathered steel I-beam posts with timber sleepers slotted within
- 1.4m height
- posts spaced from 1.2 to 3.6m centres (to correlate with available timber sleeper lengths and to accommodate slight changes in direction)
- alternatively, changes in direction can be addressed with the detail in image bottom





5.3 Cladding Elements to Dalry Road bridge crossing

Balustrade

Additional cladding options are developed for transitions from bridge and balustrade elements.

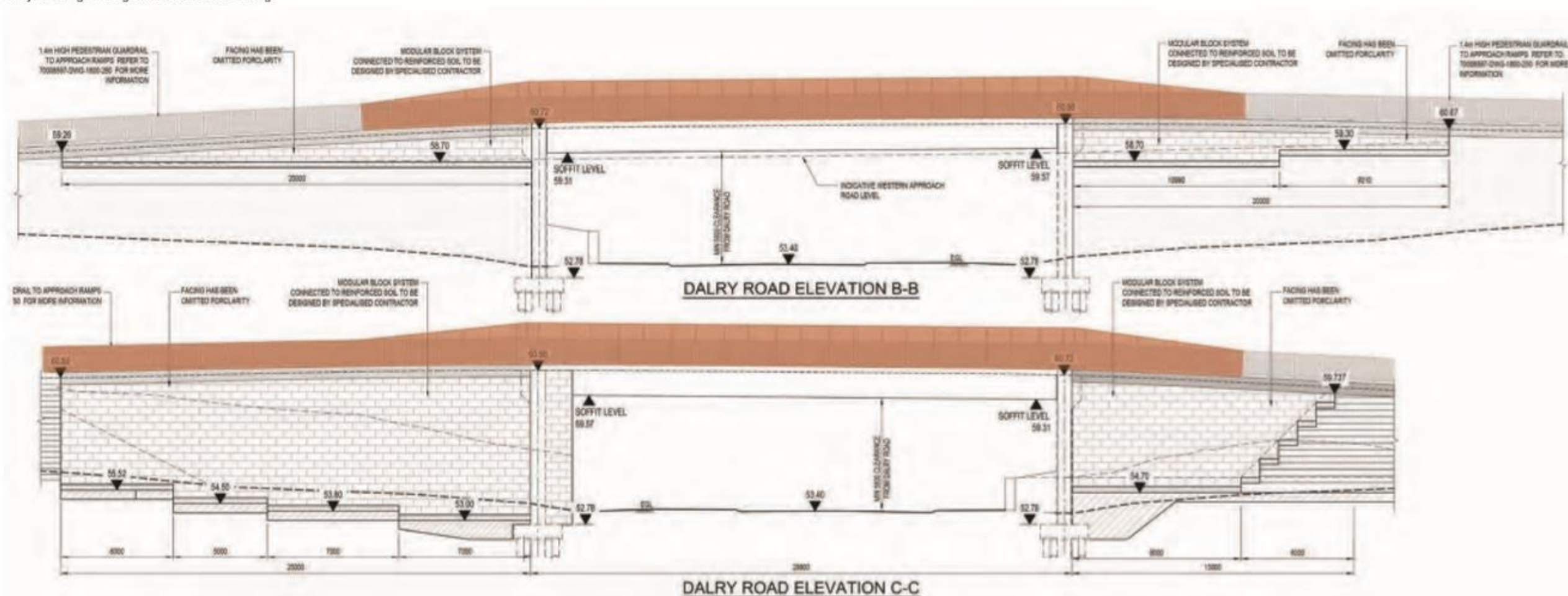
Perforated steel is extremely versatile and can be applied to a variety of applications within the project. The decorative perforations will be slotted-rounded ends to create 'active travel' imagery. Explorations into optimum hole shapes and sizes.

Perforated steel panels can be customised to reveal imagery. We propose weathered Corten steel as the preferred finish. The opportunity to backlight allows the bridge to become a feature at night as well.



Dalry Road Crossing

The bridge cladding design will be consistent with the principles being promoted across all bridge structures on the proposed scheme.

[illegible]



Artist impression of the Dairy Road bridge crossing decorative balustrade

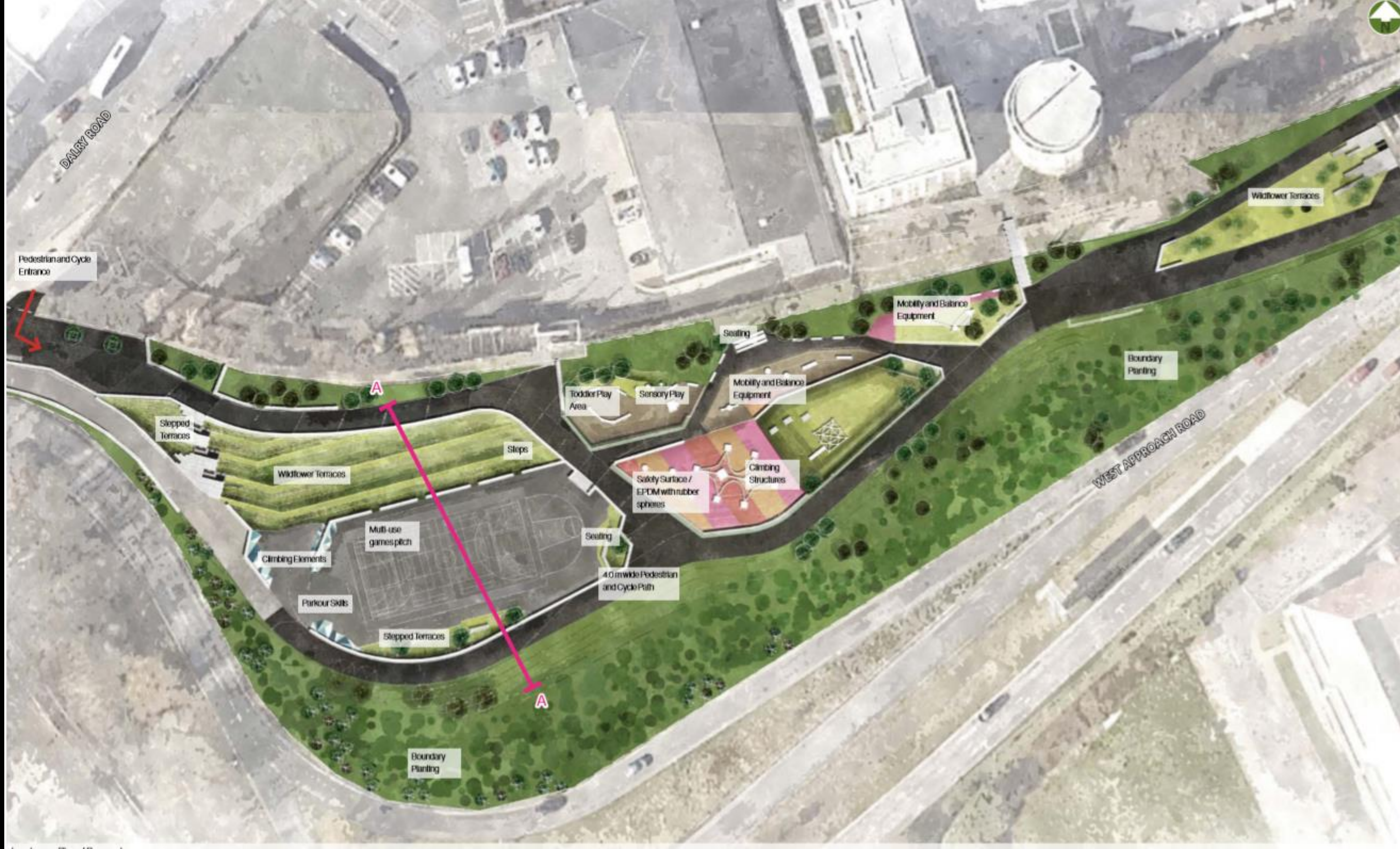












DAIRY ROAD

Pedestrian and Cycle Entrance

Stepped Terraces

Wildflower Terraces

Steps

Multi-use games pitch

Climbing Elements

Parkour Skills

Stepped Terraces

Boundary Planting

Toddler Play Area

Sensory Play

Seating

Mobility and Balance Equipment

Safety Surface / EPDM with rubber spheres

Climbing Structures

Seating

4.0 m wide Pedestrian and Cycle Path

Mobility and Balance Equipment

Boundary Planting

Wildflower Terraces

WEST APPROACH ROAD

Diagrammatic Site Masterplan

The key external components of the masterplan are shown in this diagram - including areas for the different green space activity, the connections between them, and site circulation.

The aim is to make it an easy cycle or walk over the railway through the park to get to the canal link. Along the way there are spaces to grow vegetables, people to play and exercise and for nature to thrive



Legend

- | | | |
|--------------------------|---------------------------------------|------------|
| Application Boundary | Wildflower Meadow / Open Green Spaces | Allotments |
| Cycle / Pedestrian Route | Play Spaces / Hard Surface | |
| Woodland / Tree Planting | Lawn | |

Tree Removal Phasing


The works to the trees will be carried out in phases and the correct time to limit the effect on wildlife and align with the programme of works to be carried out. The diagram below shows the different stages.


Further tree surveys and tree condition reports are required before the main works contract can begin. The plan of work for the tree removal will also include a protocol on how to retain dead wood on site and how to veteranise trees as standing deadwood safely.



Tree Removal Phasing Diagram

Legend


 Application Boundary

 Extent of Earthworks

 Trees Retained

 Trees to be removed for Ground Investigation access requirements

 Trees to be removed to allow for construction

 Category U trees and trees recommended for removal by arborist

Tree works Site-Wide

Due to the many changes in level and the creation of new bridges and structures many trees will be taken down. The plan below shows the extent of this work based on the Tree survey of 2019 by ArborVitae. the full report can be found in the Appendix



Tree Works Site-Wide Diagram

Legend

--- Application Boundary

--- Extent of Earthworks

■ Trees Retained

■ Trees at Risk due to level changes and requires further assessment before construction begins.

■ Tree Works: Felling and/or Pruning

Tree replacement Diagram

The main works contract includes a schedule of trees and planting plan. The diagram below shows the areas to be planted and how they relate to the woodland that is retained.

The aim of this replacement strategy is to increase biodiversity, increase the amount of food which is available to insects and birds, and lengthen the season of interest. The existing trees which are being lost many were weed species with a limited range of species.



Tree Replacement Diagram

Legend

- Application Boundary
- Trees Retained
- New Woodland Planting
- Semi mature trees to existing woodland and proposed parkland
- Extra heavy standard fruit producing trees to community allotments
- Semi mature trees in hardstanding
- Mini forest 'Miyawaki' planting

Proposed Planting Typology Diagram

The planting typologies in this setting need to work hard to achieve so much in such a small site with so many different purposes from food production to sports and fitness, to the shared cycle path allowing access for all. With this in mind it is layered and diverse and requires further design with the help of the local community so

it can respond to the management regime, growth over time, changing climate and needs of the people and animals that use it.



Planting Typologies Diagram

Legend

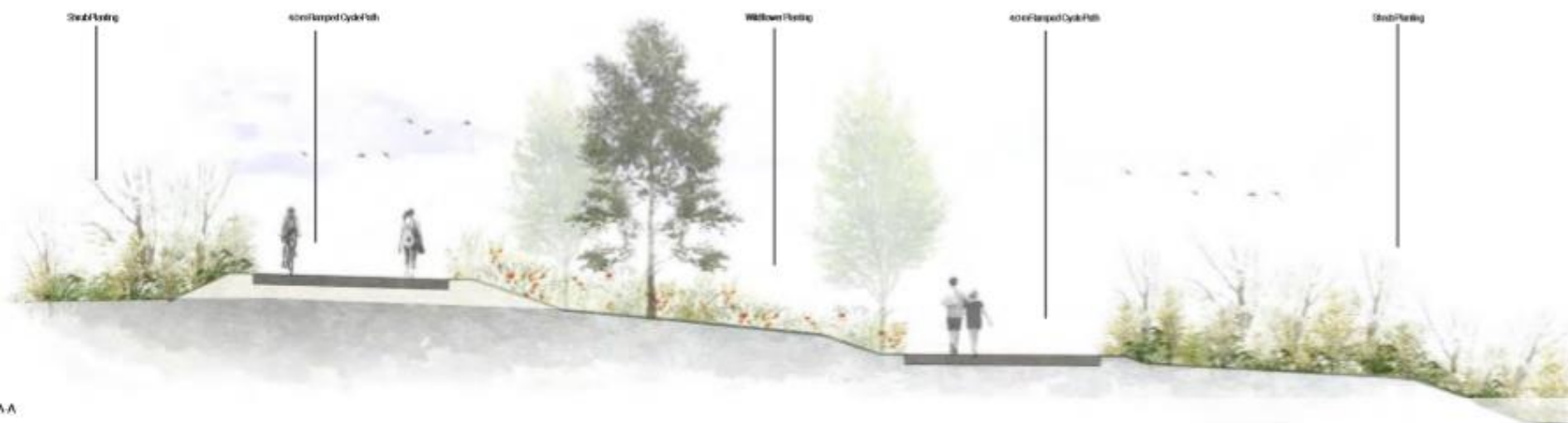
- | | | | | |
|----------------------|--------------------|-----------------------------------|---------------------------------|----------------------------|
| Application Boundary | Wildflower Meadow | Open Ground south facing slope | Allotments with Flowering Hedge | Deadwood refugia Bat boxes |
| Existing Woodland | Native Groundcover | Glade opening understory planting | Mixed Species Hedge | |
| Native Woodland | Lawn | Wet meadow planting | Semi-Mature Trees | |

Key Considerations

- LDP Policy designations;
- LDP Proposals, Transport T7, Greenspace GS1
- Tree Removal and Replacement
- Ecology and Protected Species
- Design – Vision and Concept, Earthworks and Structures, Landscape and Urban Design, Dalry Park Enhancement
- Neighbour Amenity
- Flooding and Drainage
- Land Contamination
- Archaeology
- Issues raised in Representations – 99 Representations, 70 Support, 26 Objections, 3 Neutral
- Gorgie Dalry Community Council – Supportive but caveat with points raised being taken into consideration



Artist impression overlooking the allotments with the path weaving around the slope



Section A-A



Artist impression of the play park

Circulation Diagram

The main aim of this project is to connect to areas of Edinburgh with a combined cycle and pedestrian path. The diagram below shows this and the various additional connections that facilitate shared access for all.



Circulation Diagram

Legend

- | | | |
|--------------------------|-----------------|------------------|
| Application Boundary | Existing Access | Connection Links |
| Cycle / Pedestrian Route | Improved Access | Green Spaces |
| Stepped Route | New Access | |