



ECHO STREET

GREEN AND BLUE INFRASTRUCTURE STRATEGY

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DOCUMENT CONTROL

FILE NAME PL1832-ID-000-09-02-GREEN BLUE STRATEGY RESPONSE	
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LANDSCAPE ARCHITECT PLANIT-IE	
REVISION 01	

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1. PROJECT CONTEXT

LANDSCAPE GENERAL ARRANGEMENT:

There are 3 key aspects to the landscape works proposed as part of the Echo Street development:

- The public realm enhancement works, which reconfigures and upgrades the existing highway, footpaths, parking and streetscene.
- Communal courtyard gardens
- Bio-diverse green roofs

Streetscene Improvements

Semi-mature tree planting is proposed along Granby Row improving the pedestrian experience, whilst creating a linear wildlife corridor connecting to the existing mature trees set within Vimto Park. Semi-mature trees will provide an instant setting for the development whilst contributing to the number of trees growing in the city.

Granby Row will be re-configured to integrate dedicated parallel and accessible parking bays. Bays will be paved, to visually narrow the perceived carriageway whilst broadening the footway. Resurfacing works will enhance the pedestrian experience through the use of high quality stone finishes. A new pedestrian courtesy crossing is proposed across Granby Row, directly opposite the main entrance to the building, improving pedestrian permeability.

Gardens

Two residential garden spaces at ground level will create lush green pocket spaces for residents to relax and surround themselves with nature. Raised planters with container a climate tolerant and diverse range of plants and multi-stem trees. Surfaces will be permeable forming part of the developments attenuation strategy.

Bio-diverse Green Roofs

Species rich and biologically diverse planted roofs are proposed to all 6 link buildings at various levels across the development. These roofs will be designed to offer maximum ecological potential for flora and fauna. They will include areas of undulating substrates, piles of stone and dead wood.

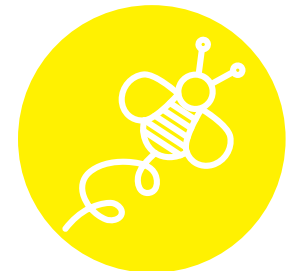
1. Semi mature street trees
2. Generous pedestrian courtesy crossing
3. Enhanced footway surfacing
4. Residential gardens
5. Bio-diverse rich roofs to link buildings



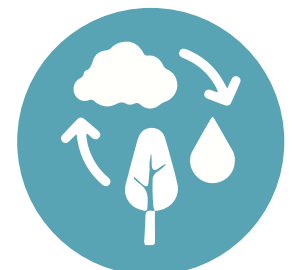
DESIGN DRIVERS



ADDING TREES



ENHANCE BIODIVERSITY



CLIMATE RESILIENT DESIGN



ACCESSIBLE HEALTHY STREETS

2. RESPONSE TO OBJECTIVE 1

OBJECTIVE 1: Improve the quality and function of existing green and blue Infrastructure to maximise the benefits it delivers

RELEVANT ACTION POINTS:

- 5 Trees and woodlands: effective and appropriate tree and woodland management and planting.
- 10 Health and well-being: deliver green infrastructure projects with a particular focus on improving health and well-being.

RESPONSE:

- 5 Existing green infrastructure is not present on site and so improving such features is not possible. We are however proposing new trees and planting areas that will be subject to The site will also have a high quality management and maintenance program either delivered through private management companies or where applicable the city's own maintenance team for adopted areas.

- 10 The improvements to Granby Row in the form of widened footpaths and street trees will enhance the connection to the adjacent Vimto Park encouraging access to the existing greenspace.

STREET TREES



● *Quercus palustris*

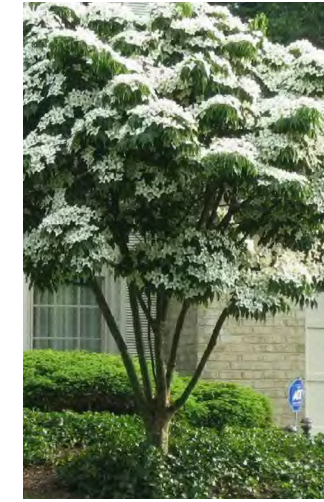


● *Liquidamber styraciflua*

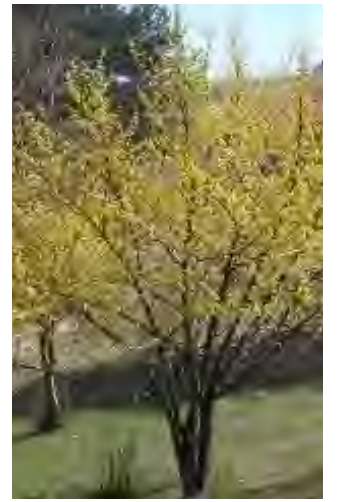
GARDEN TREES



● *Amelanchier lamarkii*



● *Cornus kousa*



● *Cornus mas*



2. RESPONSE TO OBJECTIVE 1&2

OBJECTIVE 2: Use appropriate green and blue infrastructure as a key component of new developments to help create successful neighbourhoods and support the city's growth.

RELEVANT ACTION POINTS:

- 1 Embed green infrastructure as part of residential developments.
- 2 Embed green infrastructure as part of city centre developments.

RESPONSE:

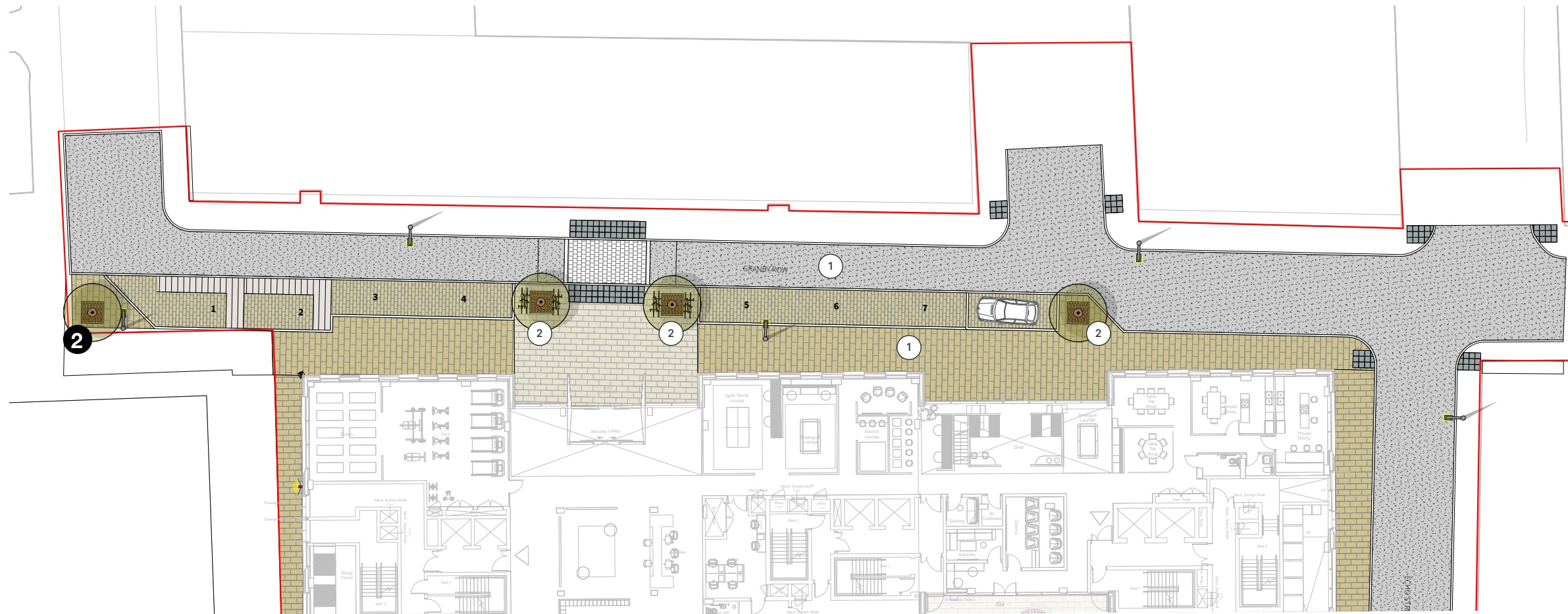
- 1 Tree species have been chosen which are appropriate and tolerant to the local conditions (climate resilient) and will provide a range of aesthetic and biodiversity benefits.
- 2 Granby Row will be redesigned to introduce high quality natural materials, street trees, accessible parking bays and a new pedestrian courtesy crossing. Street trees in particular will enhance the well-being for pedestrians and have therefore been proposed as 'semi-mature' at planting to provide instant impact.



Low Kerbs, Street Trees, Quality paving materials & Crossing points



Street trees



4. RESPONSE TO OBJECTIVE 3

OBJECTIVE 3: Improve connectivity and accessibility to green and blue infrastructure within the city and beyond.

RELEVANT ACTION POINTS:

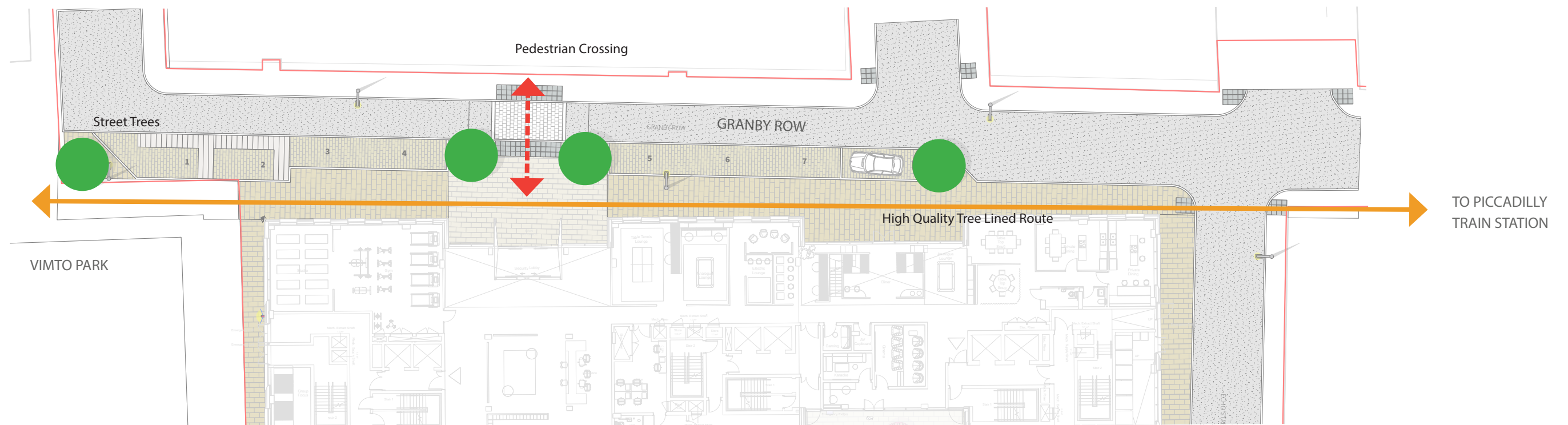
- 2 Green routes: greening transport routes (e.g. tramlines, footpaths, cycle routes, roads, rail corridors, disused railway lines) to encourage walking and cycling, reduce flood risk and provide attractive corridors for wildlife.
- 3 Work with neighbouring authorities to improve access and connectivity.
- 4 Use active and sustainable transport to access green infrastructure in the city and beyond.

RESPONSE:

- 2 The re-designs along Granby Row which prioritise pedestrians over vehicle uses implements a number of landscape elements (namely street trees). Currently Granby Row lacks any tree planting and is dominated by macadam footways and carriageway. The proposed scheme introduces street trees, high quality stone pavements, crossing points and cycle parking creating an attractive corridor for both pedestrians and wildlife.
- 3 The scheme proposes a new courtesy crossing for pedestrians to safely cross Granby Row. This link creates a positive route between development to the north and the Vimto Park greenspace to the south.
- 4 The improved streetscene along Granby Row will encourage walking and cycling through the re-apportioning of the street. Cycle parking is proposed along the street and although a dedicated cycle lane does not form part of the proposals the narrowing of the carriageway shifts priority from vehicles to cyclists and pedestrians.



Existing low quality street scene - Granby Row



5. RESPONSE TO OBJECTIVE 4

OBJECTIVE 4: Improve and promote a wider understanding and awareness of the benefits that green and blue infrastructure provides to residents, the economy and the local environment.

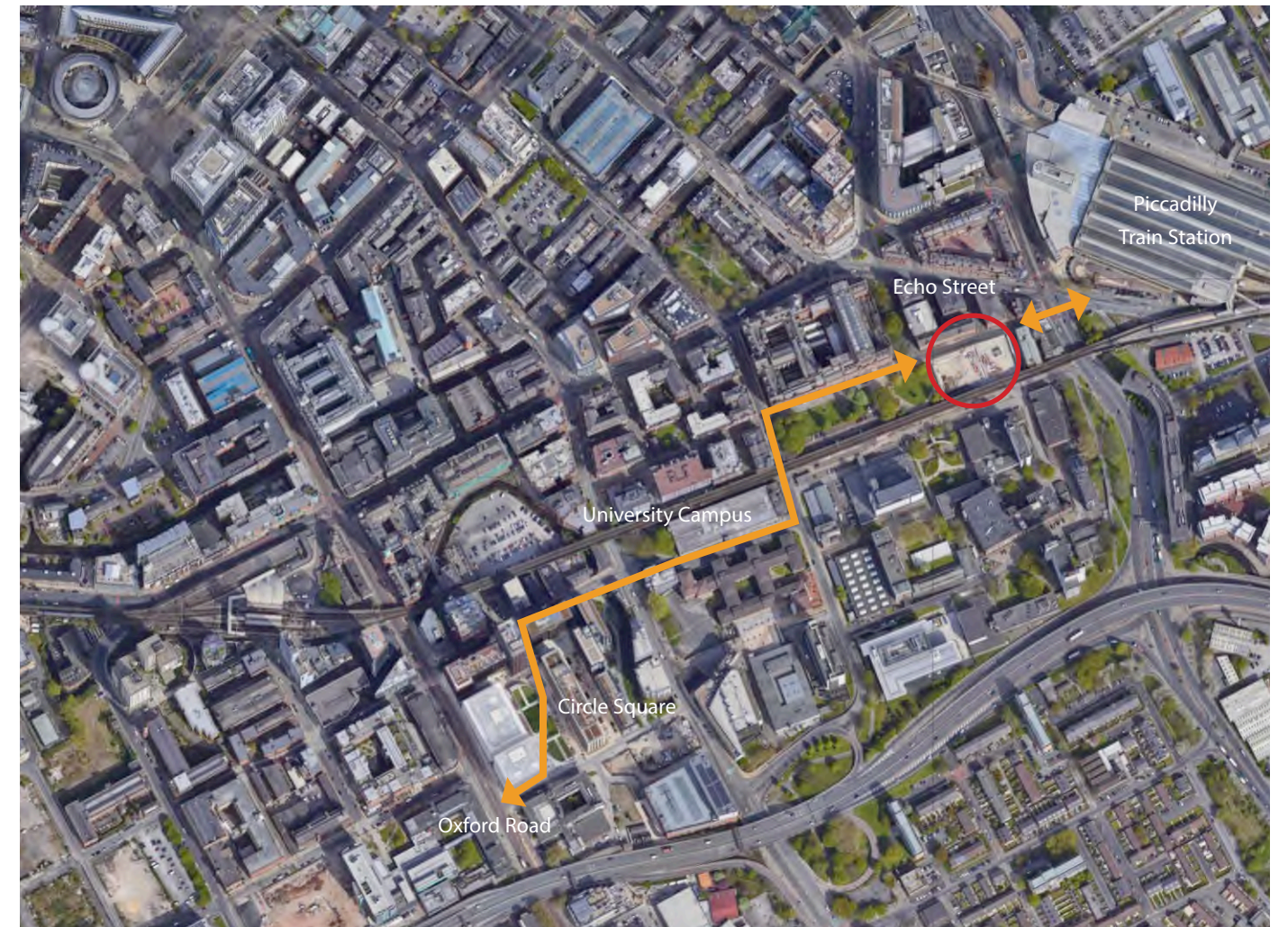
RELEVANT ACTION POINTS:

- 6 Raise the profile of Manchester as an attractive place to live with access to high quality green infrastructure within and beyond the city.

RESPONSE:

- 6 The site is located close to Piccadilly Train Station and is often a route taken by visitors heading towards the Oxford Road Innovation Corridor and newly completed Circle Square development, it will therefore contribute to a visitors first impressions when entering the city centre from this point.

The use of high quality and appropriate materials will create a vibrant development with a strong identity helping to promote Manchester as an attractive place to live.





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