



LD&A DESIGN Ryder



Appendix 4 - Phase 1 & 2 Design Development Market Streetscape

July 2022

Project Design Team

Participant

Aberdeen City Council
Marischal College
Broad Street
Aberdeen
AB10 1AB

Contact

Claire McArthur
Interim Policy & Strategy Manager at Aberdeen
City Council

Development Partner

hub North Scotland
Enerco House
18 Albert Street
Aberdeen
AB25 1XQ

Contact

Stephen Knight
Associate

Architect

Ryder Architecture
221 West George Street
Glasgow
G2 2ND

Contact

Chris Malcolm
Partner

Landscape and Placemaking

LDA Design
Sovereign House
158 West Regent Street
Glasgow
G2 4RL

Contact

Rory Wilson
Associate

Cost Advisor

Currie & Brown
150streetVincent St
Glasgow
G2 5NE

Contact

Nigel Walker
Director

Building Services Engineer

DSSR
28 Speirs Wharf
Glasgow
G4 9TG

Contact

Bill Chalmers
Director

Civil and Structural Engineer

Fairhurst
88 Queens Road
Aberdeen
AB15 6YQ

Contact

Alastair Scott-Kiddie
Partner

Town Planning

Keppie Design
160 West Regent Street
Glasgow
G2 4RL

Contact

Chris Mitchell
Associate Director

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This document has been prepared and checked in accordance with ISO 9001:2015

1.0

Introduction

1.1 Summary and context

Project Description

The Market Streetscape forms part of the City Centre Masterplan projects. A key objective of this project is to improve connectivity between Union Street and the Bus and Train Stations for those who are walking, using a wheelchair or mobility scooter or on a bike.

The complementary city centre traffic changes will reduce vehicle traffic and bring the city a step closer to its net zero commitments, as well as enhance the overall vibrancy and attractiveness of the area.

The designs tie in with the new Aberdeen Market building proposals, and together seek to create a prominent destination within the city, drawing people from Union Street into the Merchant quarter, improving commercial success and creating a vibrant atmosphere around The Green.

The site presents a significant connectivity, wayfinding and accessibility opportunity for the city, directly linking Union Street to the new Market development, The Merchant Quarter and Aberdeen's rail and bus stations. The chosen streetscape interventions address the need for improved wayfinding and ensure an 'access for all' outlook. The work will improve connectivity between Union Street Central and the Merchant Quarter, as well as enhancing the overall vibrancy and attractiveness of the area.

The Green and its neighbouring street network are among the oldest known parts of the city. This can be appreciated from the architecture, street typologies and character of the spaces. The interventions seek to respect this, celebrating the area's role in the shaping of Aberdeen City Centre.

The proposals seek to build upon the existing rich character of the Merchant Quarter area to improve connectivity, wayfinding and accessibility for the city, with interventions strategically planned to enhance the historic and cultural environment.

Overall, the design works with the existing conditions and enhances the quarter through specific areas of resurfacing to improve accessibility, lighting and signage to aid intuitive navigation through the city and improved street elements such as benches, cycle parking and greening.

The project scope area is split into three phases, outlined in this report, regenerating the Merchant Quarter into a safe, vibrant and exciting area of Aberdeen City Centre. This report is concerned with proposals for phase 1 and 2 only. Phase 3 will be explored further at a later date.

Following full council committee in February 2022, the project boundary was increased to also include St Nicholas Street. The proposals for this area consider it as a key space within the city centre, off the main thoroughfare of Union Street, a place to dwell and gather. A new destination plaza is created with ample seating, events space and greening.

In February 2022, Council noted the design concept masterplan for public realm improvements for the Market Street to Guild Street area (as detailed in Appendix D of the Committee paper) and agreed:

- to remove reference to "Plaza" on Market Street
- to include in phase two the area at St Nicholas Street between Union Street and St Nicholas Centre
- to include Correction Wynd and Hadden Street in phase two
- that detailed design should be developed for phase one and two implementation of those improvements in consultation with key stakeholders and report results to Full Council in August 2022
- to progress with the necessary traffic regulation orders to implement in the context of the phase one and two delivery and the wider traffic management plan
- to identify opportunities to improve the amenity of the wider Market to Guild Street area in conjunction with the anticipated phase one and two delivery
- to develop a Full Business Case for Union Street East and Castlegate by end 2022 and ensure that business case is developed in tandem with the emerging business case for the Beach Boulevard.

The Appendix D committee paper presented at February Council can be viewed here; <https://committees.aberdeencity.gov.uk/documents/s129270/APPENDIX%20D%20Public%20Realm%20Aberdeen%20Market%20to%20Guild%20St.pdf>

This document sets out the design proposals for market streetscape, encompassing the extended boundary instructed in February.

Caveats

Whilst detailed designs for Phase 1 and 2 of Market Streetscape are being progressed, there are a number of key considerations to be finalised, including but not limited to:

- Junctions design (liaison with SYSTRA/ACC)
- Location and requirement for accessible parking spaces, general parking and electric parking (liaison with SYSTRA/ACC)
- Entrance to Aberdeen Market from Market Street (liaison with Haliday Fraser Munro/ACC)
- Final spatial configuration of St Nicholas Street and other areas
- Final traffic movement and bus stop locations (liaison with SYSTRA/ACC)
- Technical surveys (yet to be undertaken)
- Material strategy for feature areas

There are also a number of elements that require further engagement with our ACC Client and relevant stakeholders in order to achieve a finalised design proposals. These elements will be further developed in the next phase of the design (RIBA Stage 4), as part of the wider Engagement Strategy.

Further Engagement

List of items that require further and more focused

engagement – to be further investigated at RIBA Stage 4:

- **Accessibility:** to be discussed further with focused stakeholder groups such as Guide Dogs Scotland, NESS, DEP
- **Art Strategy** (liaison with ACC Cultural Team, potential for involvement local artists)
- **Events Strategy** (liaison with ACC Events Team)
- **Informal play** (development of a bespoke play strategy in line with UNICEF Child Friendly Cities Initiative)
- **Street Furniture** (proposals to be discussed with ACC)
- **Lighting strategy** (liaison with ACC City Events Team and other relevant departments within ACC)
- **Finalised Material strategy** (majority of materials currently tying in to existing materials around the Merchant Quarter, feature paving in key areas to be discussed with relevant departments within ACC.)
- **Soft landscape** (proposals to be discussed with relevant departments within ACC)

1.2 Engagement and consultation

A number of engagement activities have been undertaken on the market streetscape project with stakeholders and the general public. This included both 1-2-1 sessions with groups such as Disability Equity Partnership, Aberdeen Inspired, ACTUP and the City Centre Community Council, and via a two day long drop in session for the general public. The public consultation event was publicised via a letter maildrop to all properties within the area and associated social media announcements. The material was also available to view online. The consultation invited comments from residents, businesses and any other interested party for a two week period (8th-25th July)

Youth engagement has also been undertaken as part of the 'Summer in the City' events in order to better understand teenagers views on this area.

Engagement material presented included information on;

- Key aims and ambitions
- Consented Aberdeen Market (for context only)
- Traffic changes (for context only)
- Project phasing
- Landscape masterplan
- Precedents and 'look and feel' imagery
- Before and after visualisations

For detailed information on engagement, please refer to Appendix 5 - City Centre Masterplan Engagement Report

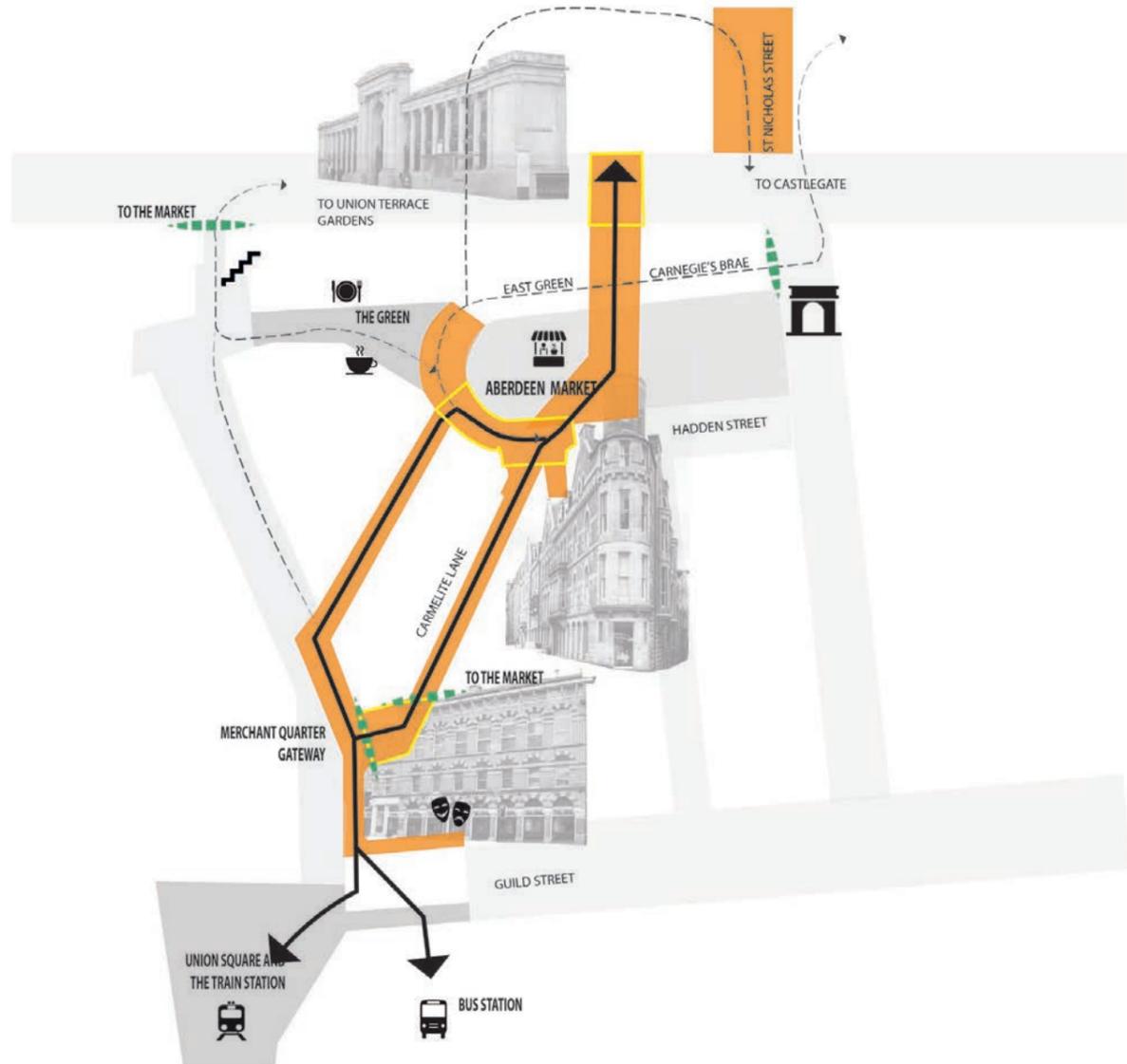


2.0

Concept Development

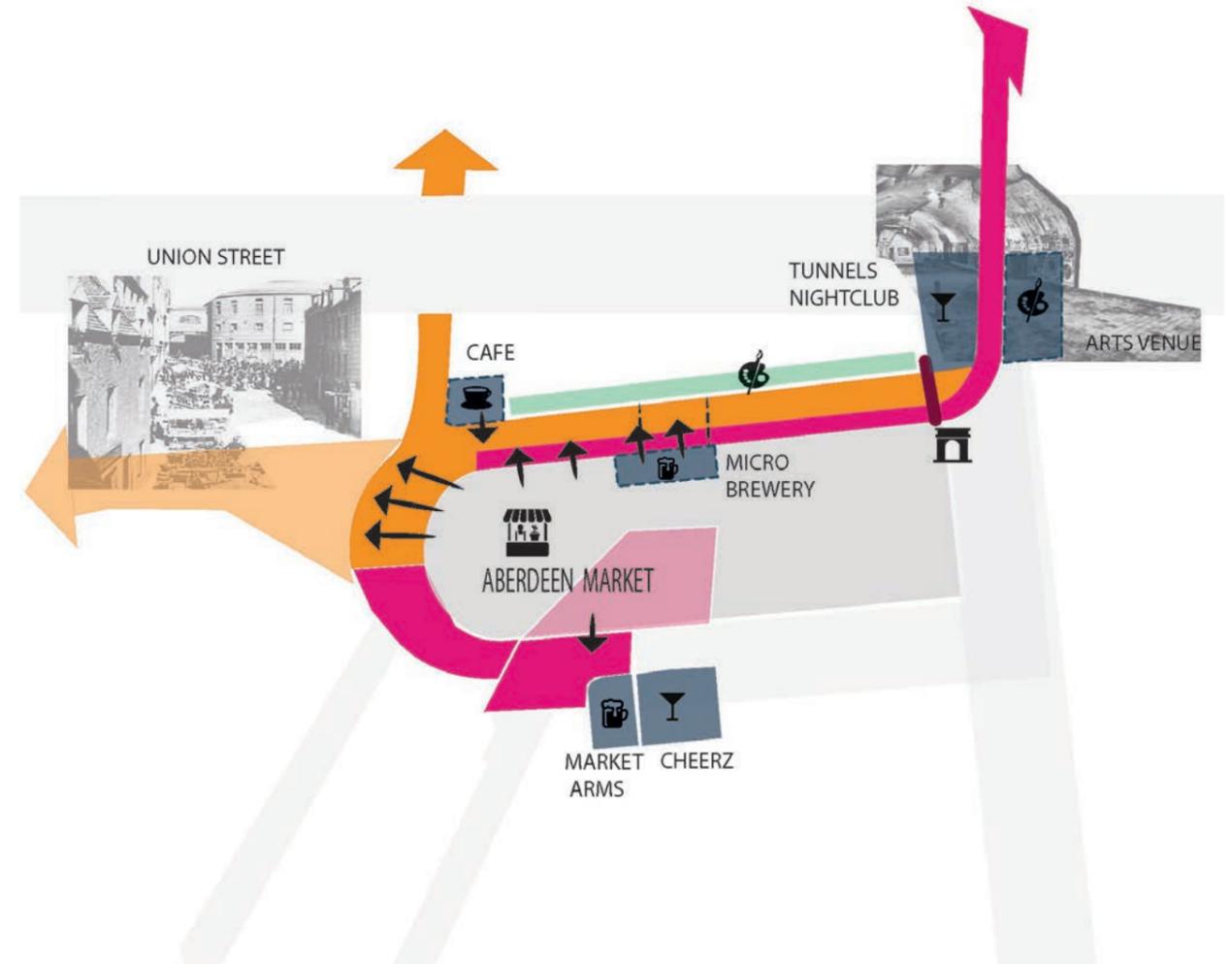
2.1 Concept development

Connectivity



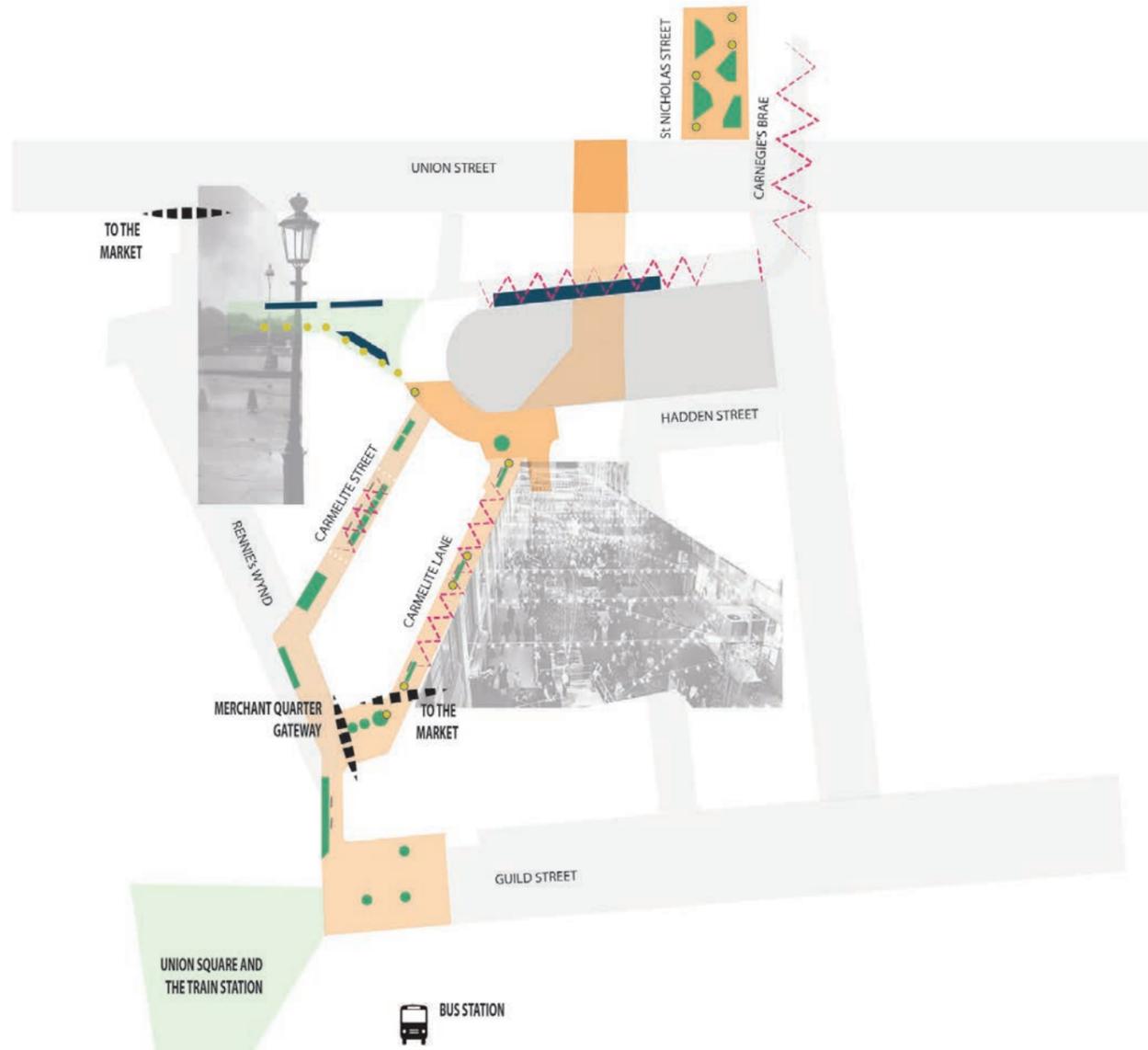
A fundamental objective of the market streetscape project is to improve connectivity between the train and bus stations, the new market building and Union Street. This will be achieved through the resurfacing of strategic areas to create smooth routes for walking and wheeling, widening pavements and creating raised table crossings where appropriate, particularly at Guild Street. It will also involve the addition of new wayfinding signage which will allow visitors and residents to navigate the area more intuitively. A new welcome plaza/crossing at the green will create a sense of arrival when entering the Merchant Quarter. Finally, the promotion of Correction Wynd as the gentlest slope up to Union Street for cyclists and pedestrians creates a connection to St Nicholas Street, the re-imagining of which forms part of the market streetscape project.

East Green - Celebrate



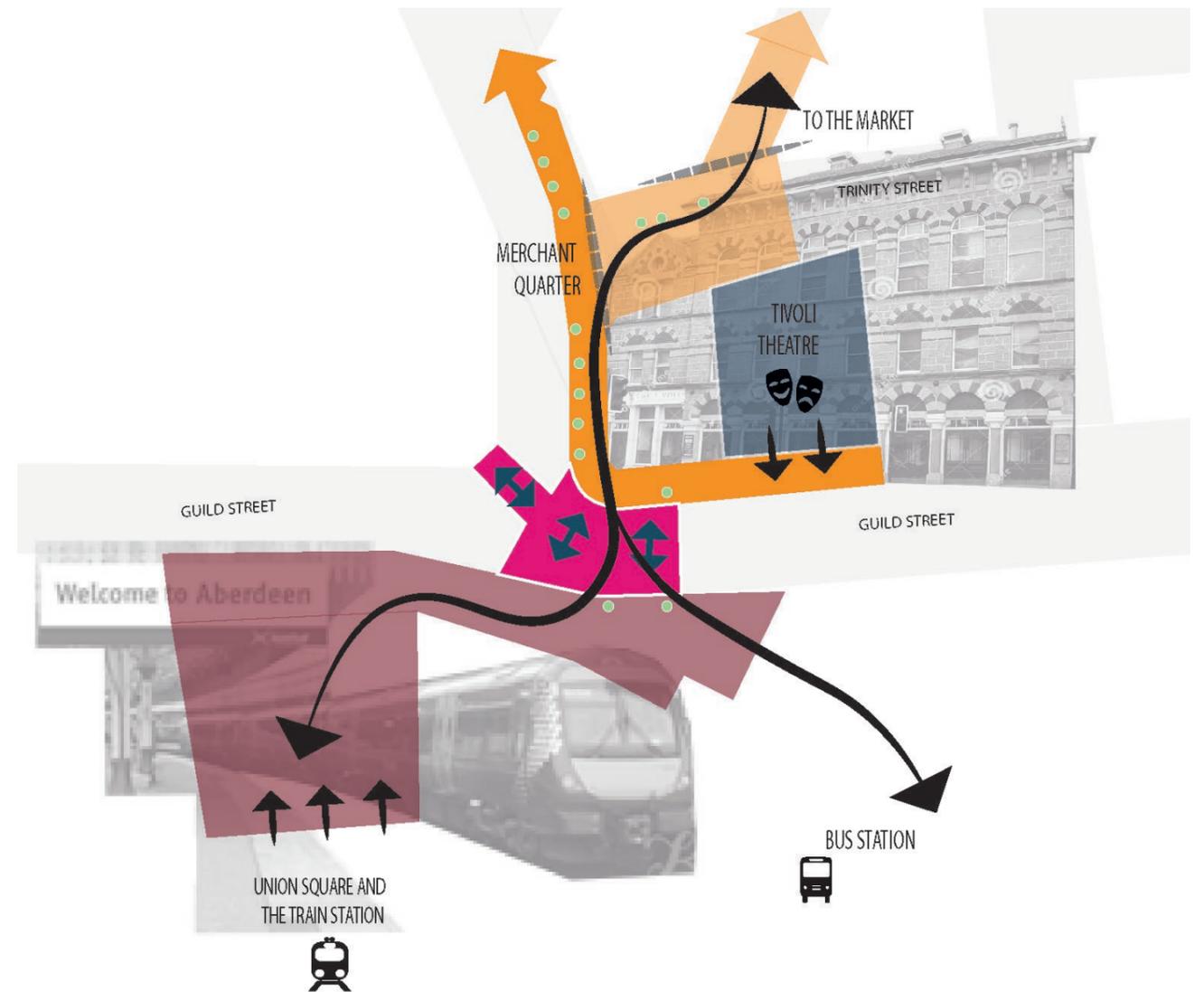
The new market development has the potential to activate the frontage along East Green by creating opportunity for new businesses. The project aims to draw upon this opportunity to improve the vibrancy along this section through upgrade to the existing pavement on the south side, providing a smooth surface for spillover seating. The introduction of overhead lighting will help to create a welcoming space. The increase in pedestrian activity in this area of the Merchant Quarter will lead to Carnegie's Brae being more overlooked, ensuring that pedestrians feel safer. Immersive lighting and new art initiatives will help to retain the character of the area, tying in with the NuArt murals present within the Green.

Appreciation and activation



Being one of the oldest areas of Aberdeen, there is a rich historic character within the Merchant Quarter. The streetscape proposals seek to retain and enhance this, appreciating the heritage. This will be achieved through retaining and adding to historic street lighting around the Green, ensuring that materials and furniture tie in with the existing features. Street greening will frame with streets while lighting highlights key architectural moments, such as the arches above Carnegie's Brae is also important. As a more contemporary plaza, the proposals for St Nicholas seek to create a key public space for people to dwell in, off the main thorough-fair of Union Street.

To and fro' the stations

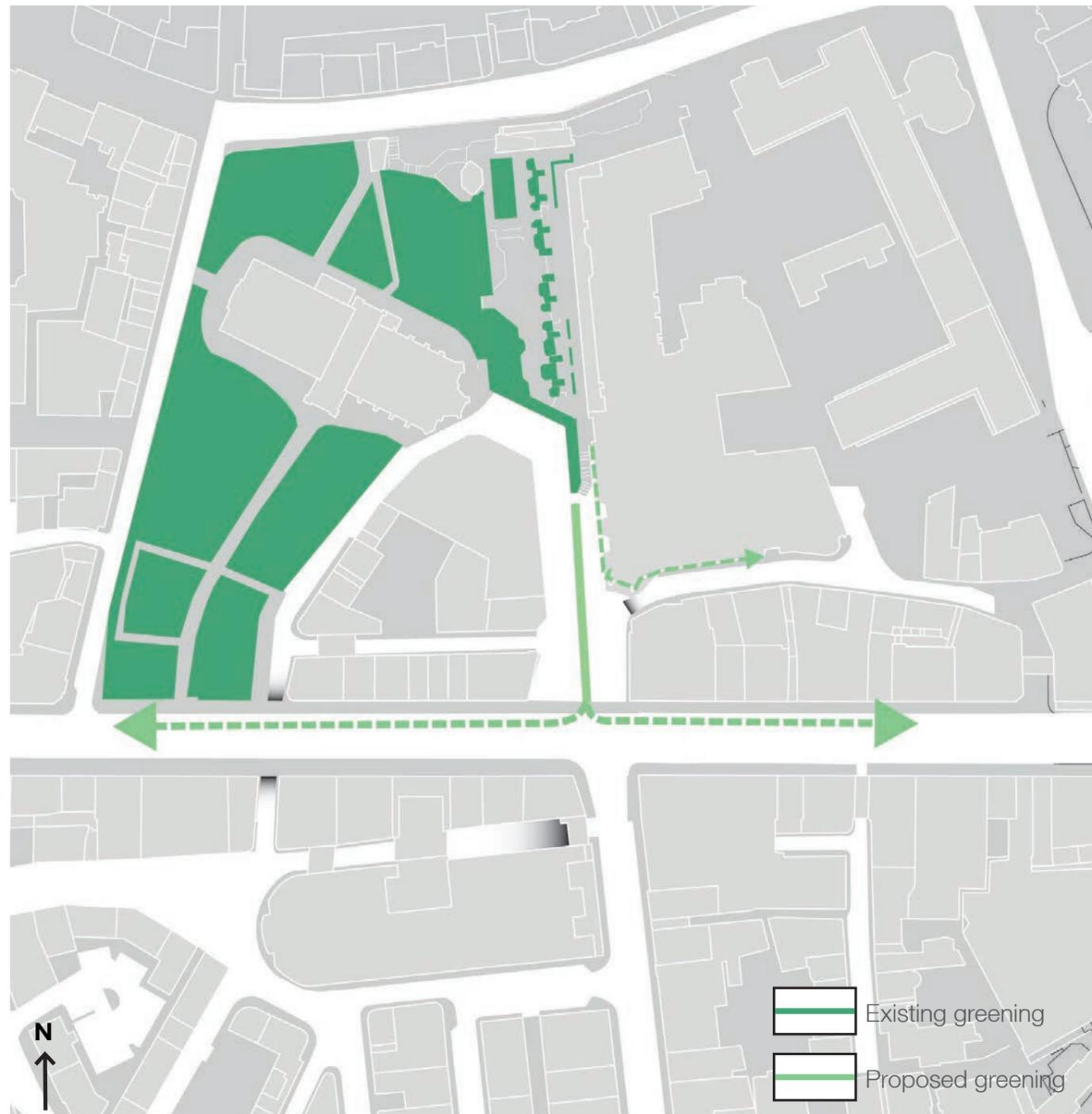


Currently, the crossing from Guild Street to the train and bus stations is traffic dominated and convoluted for pedestrians. The proposals seek to improve the pedestrian priority in this area through local reduction in carriageway width to reduce crossing distance and to create raised table crossing with new smooth surface. Street greening and furniture creates a more pleasant environment and provides rest areas for those who need it. An iconic wayfinding feature will also be implemented which signifies arrival into the city. On Wapping Street, significantly widened pavements remove existing pinch point and provides the opportunity for rain gardens which help create a barrier between pedestrians and vehicles while also improving the environment and aiding biodiversity gain.

2.2 St Nicholas Street

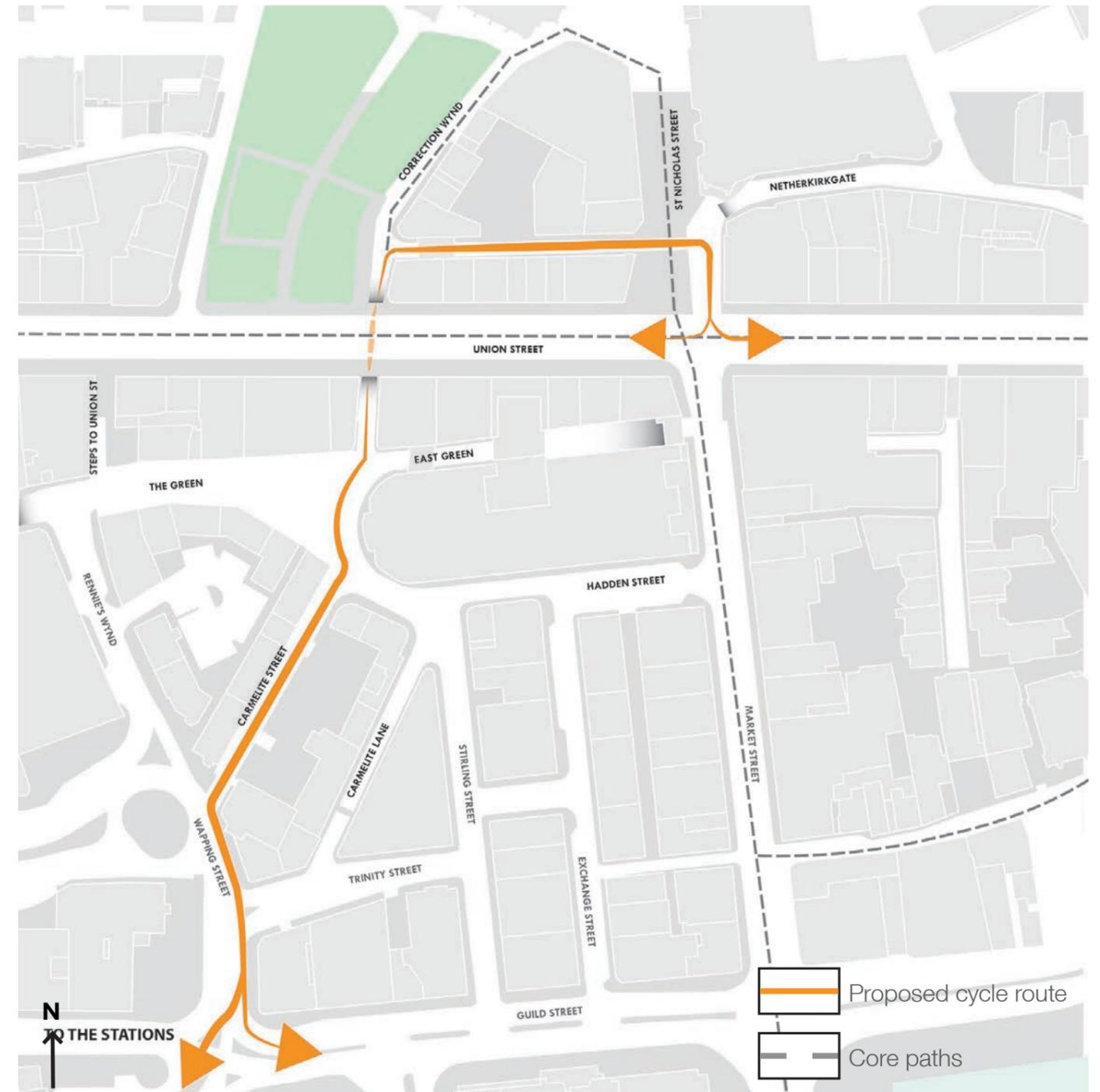
Green loop

St Nicholas Kirkyard is a significant area of greenspace in the city centre. This alongside the garden atop the Bon Accord creates the opportunity for St Nicholas Street to continue the greening to Union Street Central where a tree planting avenue is proposed. Greening may be introduced horizontally (Planters) and vertically (green wall, mural, trees) to increase depth and immersive nature within St Nicholas Street



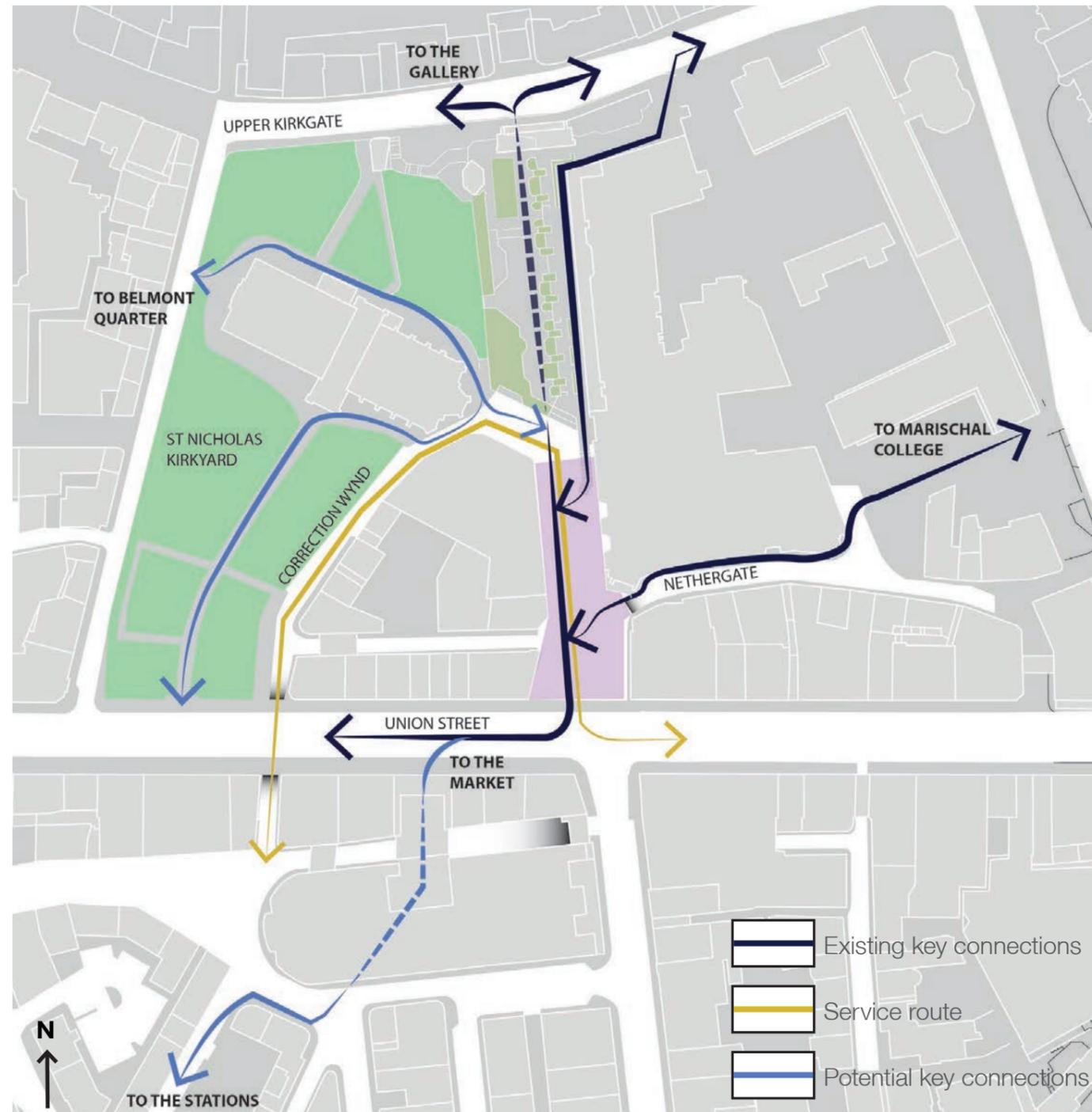
A route for cycling

Correction Wynd and St Nicholas Lane provide the opportunity to promote a cycle route to/from the Merchant Quarter to St Nicholas Street/Union Street. Correction Wynd provides one of the gentlest slopes up to Union Street level. This can then connect to a wider cycling connection down to the bus and train stations via Carmelite Street and Wapping Street. Simple improvements to the paving surface would encourage cyclists to use the route.

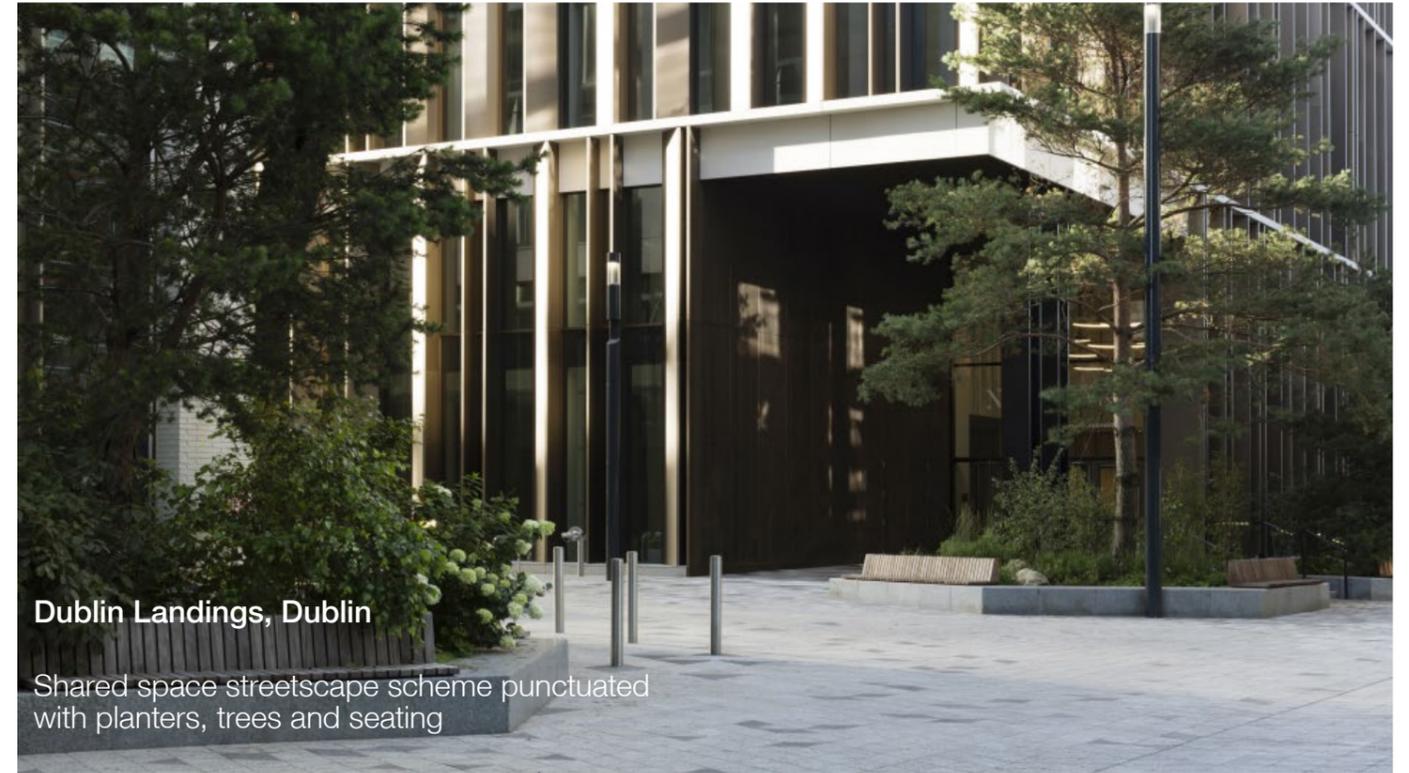


A pivotal moment

St Nicholas Street is currently used as a key movement link within the city centre, however there is little signage to promote the various routes which stem from it. By improving interpretation and wayfinding, whilst creating a pleasant environment to for pedestrians to spend time in, a pivotal moment is created within the city centre. This would be further enhanced by opening the Bon Accord as a covered street, allowing 24/7 access to Schoolhill.



Precedents



Dublin Landings, Dublin

Shared space streetscape scheme punctuated with planters, trees and seating



Eddington, Cambridge

Small market plaza in North West Cambridge

2.3 Project Phasing

The scope area is split into three key projects which can be undertaken within different time-scales, regenerating the Merchant Quarter into a safe, vibrant and exciting area of Aberdeen City Centre.

The key project is creating the connection between Union Street, the market and down to the station via Carmelite Street. This is where we propose to improve the through-route from the market across Hadden Street, down Carmelite Street onto Wapping Street, Guild Street and into the train/bus station. This initial phase will also see accessible parking provision improved on Hadden Street for ease of access to the Market.

The second phase is concerned with the regeneration of Carmelite Lane, East Green, Carnegie's Brae, Netherkirkgate, St Nicholas Street, St Nicholas Lane and Hadden Street, following instruction at the February 2022 full council committee.

Carmelite Lane involves implementing street greening and enhanced lighting. Carnegie's Brae at present is a particularly uninviting and potentially dangerous route. There is an urgent need to improve the route, we propose to do this by creating a new smooth surface which is more pleasant underfoot, cleaning and lighting the historic arches and through the introduction of an immersive light/art installation which creates an exciting experience.

At East Green, the project is focused on the restoration of historic setts, improvement of accessibility and the activation of the street with spill-out seating and lighting to complement the Market's ground floor uses.

The redevelopment of St Nicholas Street aims to create a key space off the main thorough-fair of Union Street where people can dwell and spend time. Ample seating, greening and space for events create a pivotal moment within the city centre.

Phase 3 consists of The Green and the Back Wynd Steps, making good of existing paving and rationalising spillout seating and eateries. It also includes enhancements to Stirling Street and Exchange Street in the form of making good existing paving.

Currently, as per council instruction, we are progressing designs for phase 1 and 2, phase 3 will follow at a later date.



Precedent images showing how each area of Market Streetscape could look.

**Phase 1
Carmelite Street**



Guild Street crossing



Wapping Street

**Phase 2
East Green**



St Nicholas St



Carnegie's Brae



St Nicholas Lane



Trinity St



Carmelite Lane

Indicative project phasing

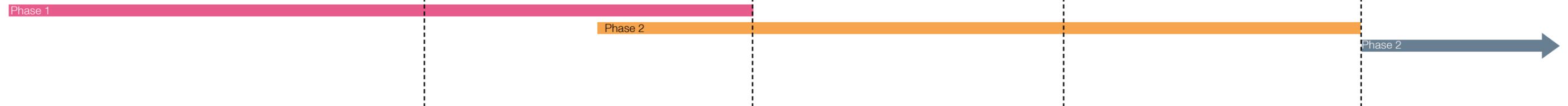
Implementation commencement

+6months

+1 year

+2 years

+5 years



3.0

Streetscape Interventions

3.1 Phase 1 & 2 Landscape Masterplan



1 The Green

- Existing natural stone setts retained, restored and made good where required
- New natural stone paving to market building edge tying with internal floorscape
- New natural stone raised table plaza creating a sense of arrival into the Merchant Quarter from the Market
- Addition of cycle stands and feature tree at head of Carmelite Lane and Street
- New accessible parking bays adjacent to the market

2 Carmelite Street

- Existing paving and planting retained
- Creation of a pedestrian priority street, potentially removing through access to vehicles, retaining access to private car park
- Benches added to provide refuge within the central streetscape
- Catenary lighting spanning from building to building
- Enhanced greening and existing planting replaced where needed

3 Wapping Street

- A lane of traffic given over to pavement widening, promoting safe active travel on the eastern edge
- Street greening introduced through street trees and robust, low-maintenance rain garden planting
- Opportunity to dwell and rest with the introduction of street side furniture

4 Guild Street Crossing

- Pedestrian priority crossing point, widened pavement creating a plaza like space as a welcome mat to the city
- Street greening introduced through street trees
- A widened pavement giving the theatre a street presence
- Opportunity to dwell with the introduction of street size furniture
- Intuitive wayfinding interventions including totems and art trail strategy

5 Trinity Street

- Vehicular junction with Wapping Street re-configured to prioritise pedestrian movement, social opportunity, retail engagement and street greening
- Trees introduced into existing tree pits and new future tree implemented at foot of Carmelite Lane
- Signage introduced to capture station foot traffic and intuitive wayfinding
- Street furniture enhanced to provide seating, bins and cycle stands

6 East Green

- Existing natural stone setts retained, restored and made good where required
- A new natural stone edge to the Market tying with Carnegie's Brae materials whilst also being better suited to outdoor seating opportunities
- Lighting through the use of catenary lights and appreciating the listed arch structure above on Market Street, bringing the space to life

7 Carnegie's Brae and Netherkirkgate

- New natural stone paving throughout tying to the Merchant Quarter material palette
- Existing sandstone arches and associated architecture, cleaned to reveal its original character
- Lighting and art installations bringing the space to life. Alongside flexibility to host cultural events
- Outdoor seating opportunities to Netherkirkgate considered and integrated

8 Correction Wynd

- New natural stone paving to carriageway to provide smooth surface for walking, wheeling and cycling
- Retention of existing lighting on the underside of the tunnel
- Introduction of wayfinding feature at corner of St Nicholas Lane
- Enhancing of existing historic lighting fittings

9 Hadden Street and Market Street

- Materiality continuity with the internal Market floor and connection at upper level to Union Street
- New natural stone edge to the market, continuing round onto the west pavement on Market Street, recognising the arrival at the Market building and giving it a street presence
- Street greening introduced through street trees
- Taxi rank provision retained as existing
- Cycle stands, bins and seating introduced along north pavement

10 Carmelite Lane

- Existing natural stone setts retained and made good in areas of poorer condition
- Street greening incorporated through low level, robust, low maintenance planting
- 8 retained car parking spaces, open to one way traffic
- A continued street furniture and lantern lighting language as per those in The Green

11 St Nicholas Street

- Upgraded plaza with planting, street furniture and trees
- New natural stone surface to improve accessibility and enhance pedestrian priority of space, retaining service access
- Integration of murals or art within plaza
- Improved wayfinding and signage

12 St Nicholas Lane

- Strip of carriageway repaved in smooth surface to encourage use by cyclists travelling from Merchant Quarter to Union Street
- No other proposed streetscape works other than making good of natural stone surface where required

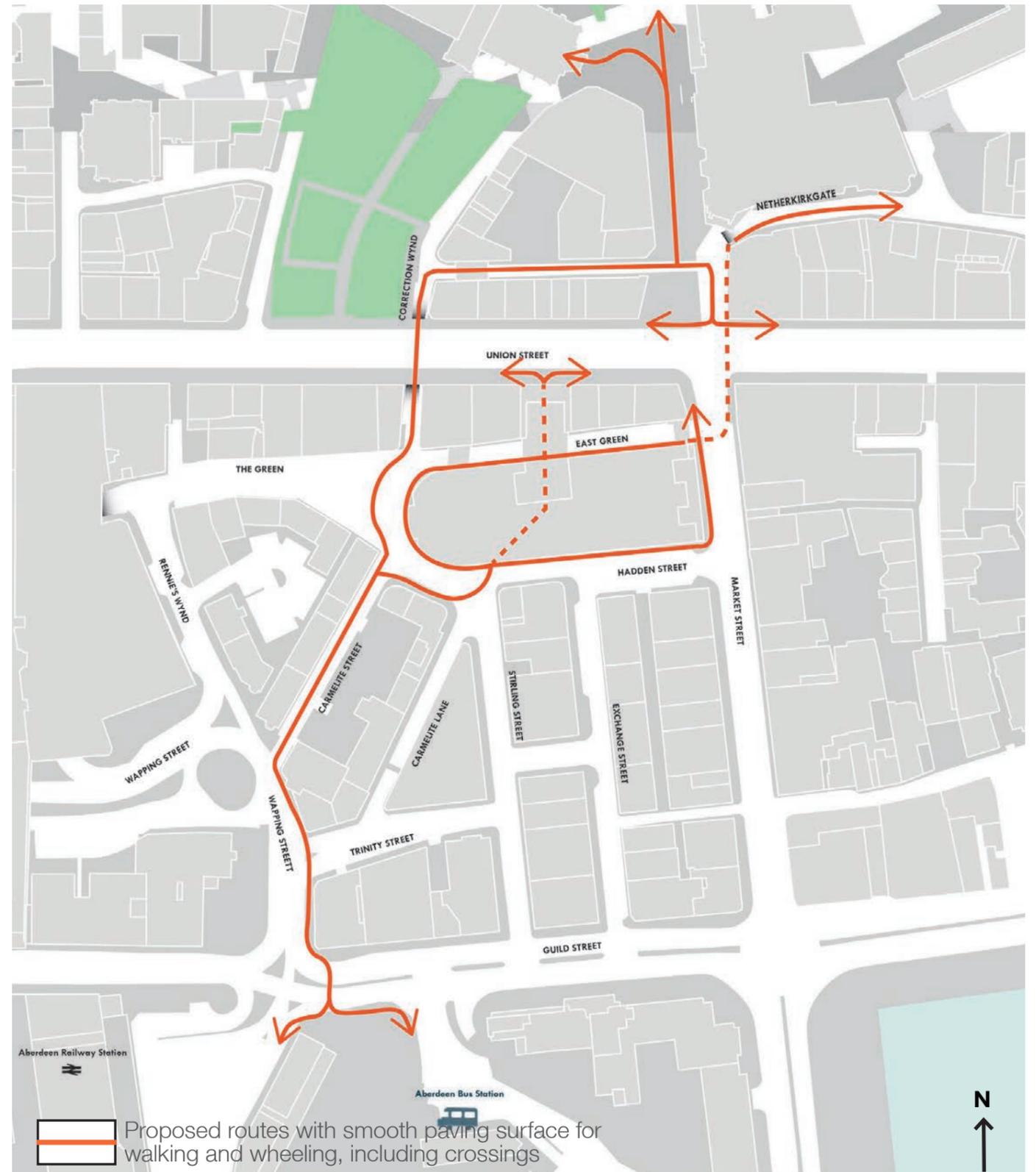
3.2 Accessibility

Key areas are resurfaced to improve walking and wheeling accessibility between Union Street and the train and bus stations. A light touch approach is taken through linking up areas where the paving is already smooth and in good condition, such as Wapping Street and Carmelite Street. New raised table crossings at The Green, Trinity Street and Guild Street ensure that it is easy to cross the historic setted streets at junctions. The diagram on the next page shows routes between the train and bus station, the new market building and Union Street which will be smooth for their entirety, including at junctions.

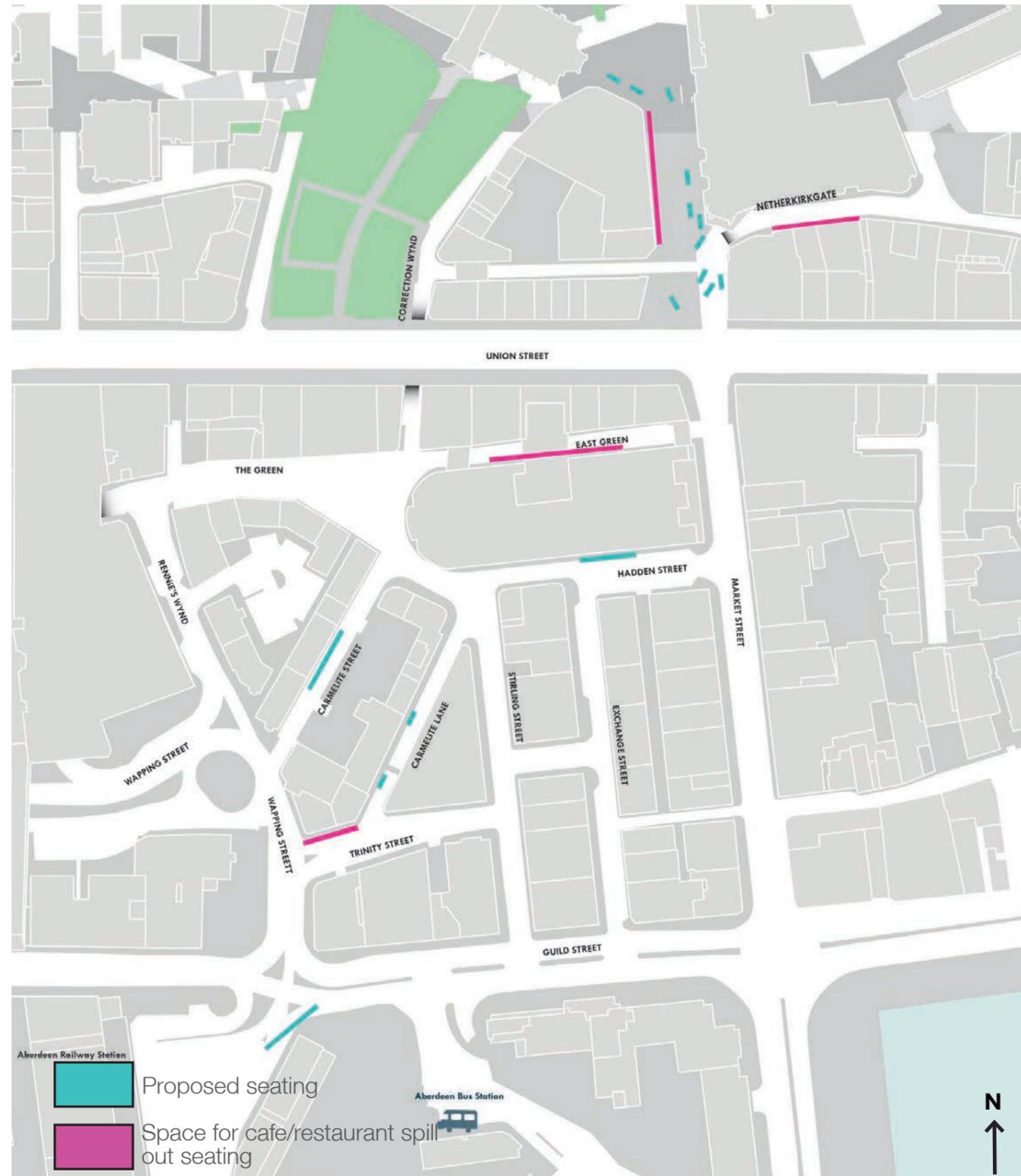
Benches and seat walls are proposed on Carmelite Lane, Carmelite Street and Hadden Street to ensure there are opportunities to rest on key routes between Union Street and the stations. There is a significant amount of seating currently on St Nicholas Street which is well used, this is considered in the new proposals, ensuring there is plenty seating for those who dwell in St Nicholas Street.

A minimum of 3 new accessible parking spaces will be created directly adjacent to the new market building to improve accessibility to the area for those with a blue badge. The existing accessible spaces on Rennie's Wynd and Correction Wynd will be retained as they currently are. The existing taxi rank on Hadden Street will also be retained.

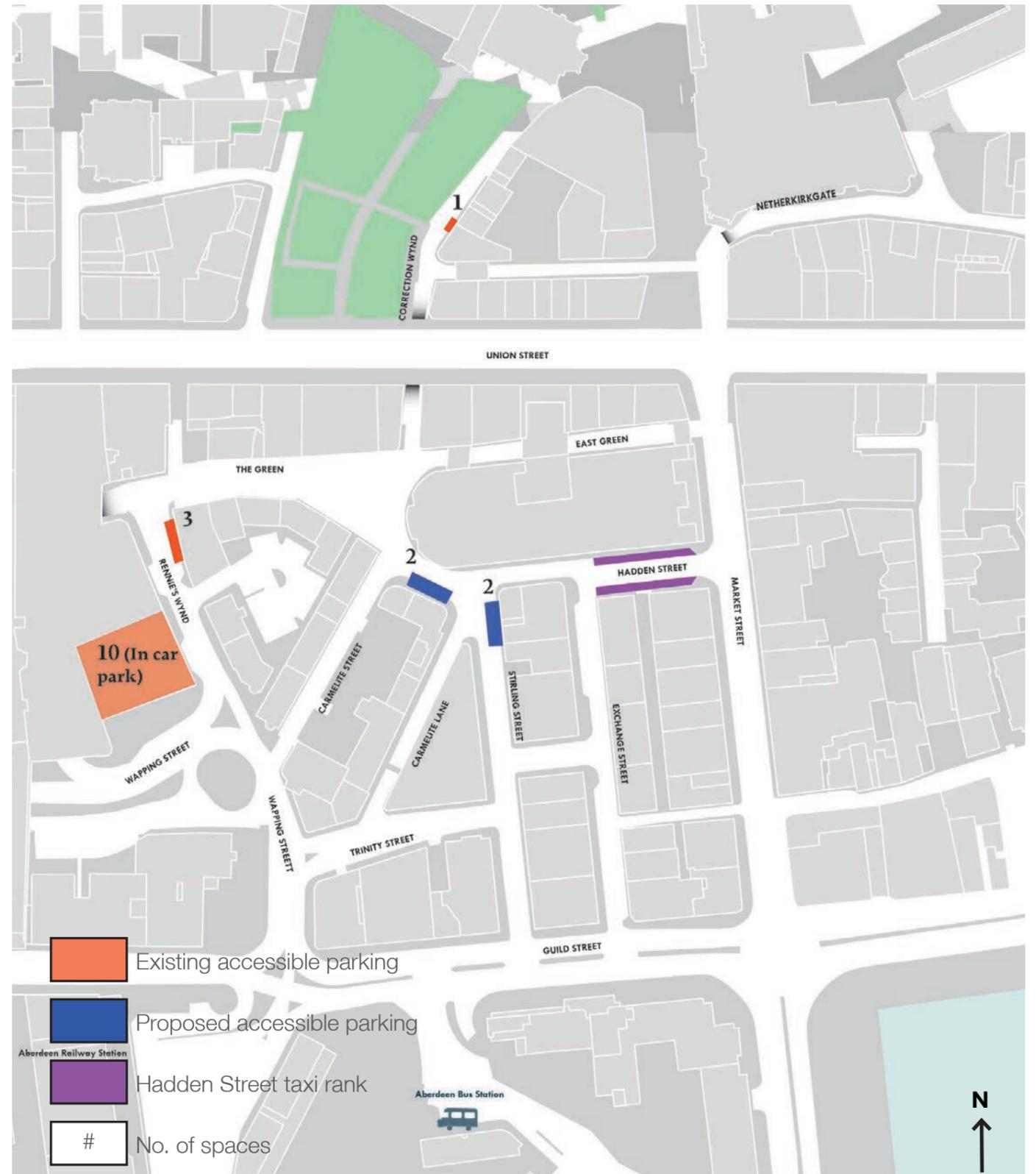
Surfacing



Rest



Parking



3.3 Materials and lighting

Due to the historic character of the Merchant Quarter, proposed materials should generally match the existing materials. In this area, the paving is predominantly comprised of mixed colours of granite in both the carriageway setts and slabbed pavements. Any new paving will tie into this, however utilising a flat top sett on the carriageway to create a more even surface than the existing baguette shaped setts. Feature paving may be proposed where appropriate, such as in Carnegie's Brae and St Nicholas Street.

Lighting interventions form a key element of the concepts, highlighting architectural moments and providing a more safe and welcoming environment for pedestrians.

A palette of street furniture will be specified across all the streetscape projects, ensuring continuity within the city centre and providing fundamental amenities for visitors and residents, such as seating, cycle stands and bins. Elements such as cycle toolstations and water drinking fountains take the facilitation of amenities one step further, ensuring an elevated experience for people.

Plants will be proposed to ensure that new planting is appropriate, low maintenance and provides biodiversity and seasonal value throughout the streets.

All materials, furniture and planting species shown are indicative to provide the general look and feel of the proposals. Paving materials and products are subject to change following further discussion with ACC and other relevant bodies.

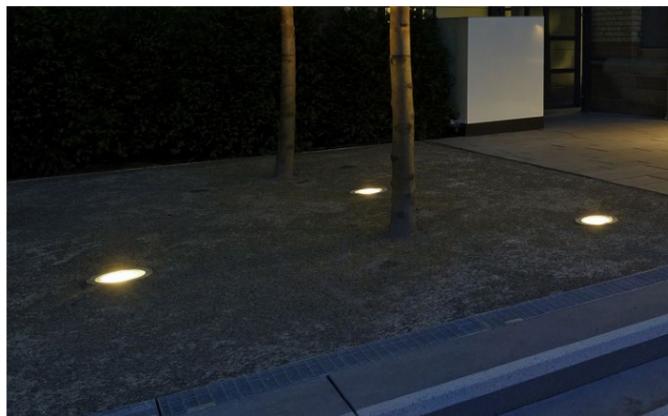
Widened pavements



Smooth surfaces at crossings



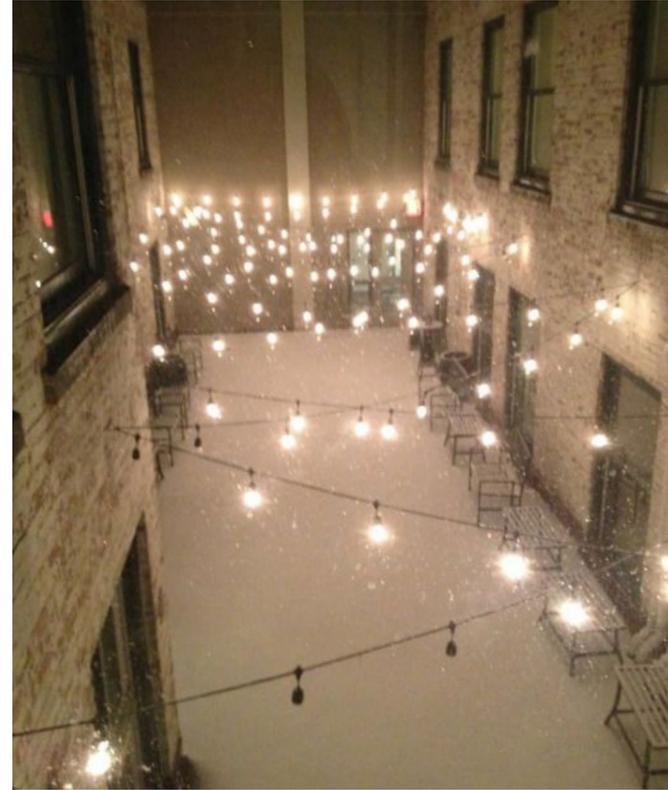
In ground lighting



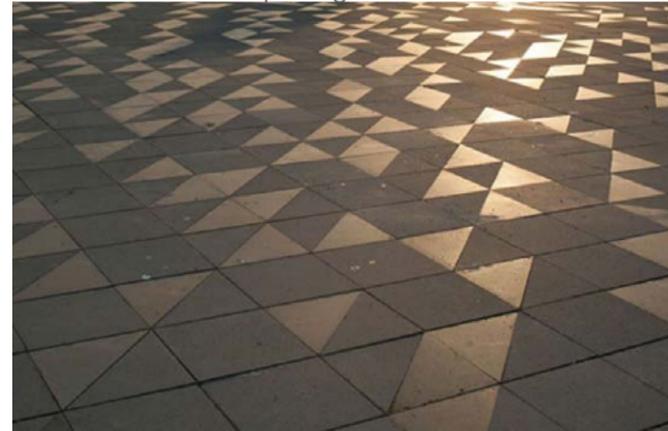
Reused setts where appropriate and possible



Catenary lighting



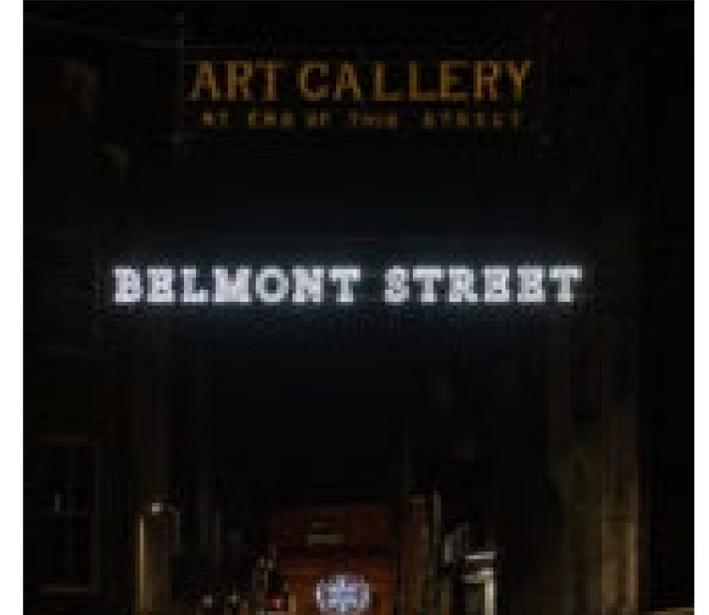
St Nicholas feature paving



Feature lighting



Wayfinding signage



Lighting columns



3.4 Street furniture

Tree grille



Wayfinding totem



Bench



Bin



Planter edging



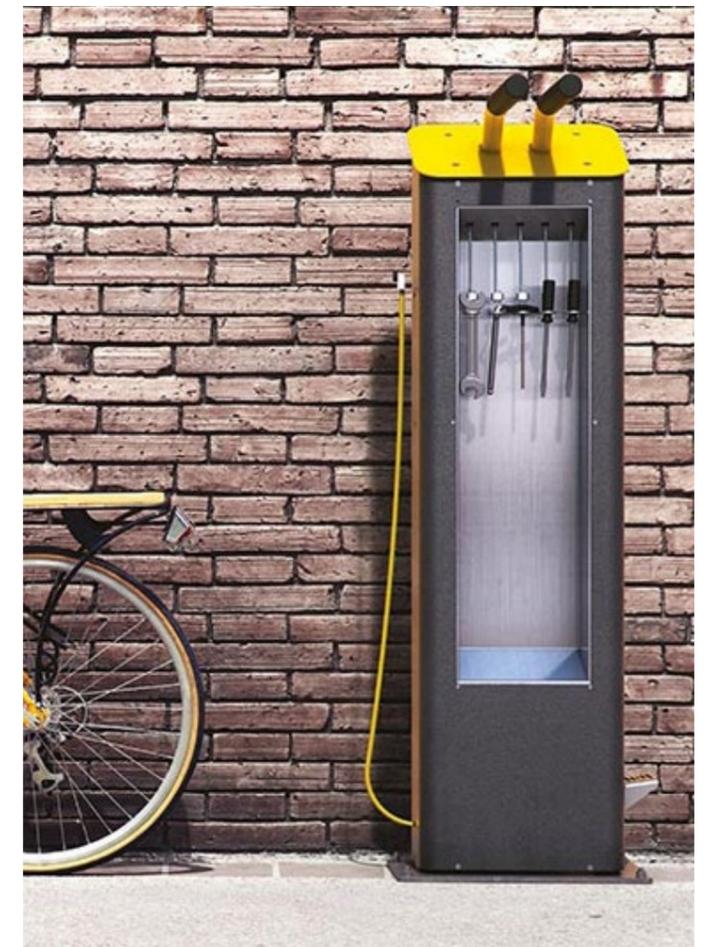
Cycle stand



Bollard



Cycle toolstation



Timber wall seat



Feature seating



Trellis planter



3.5 Planting

Native species



Seasonal interest



Texture

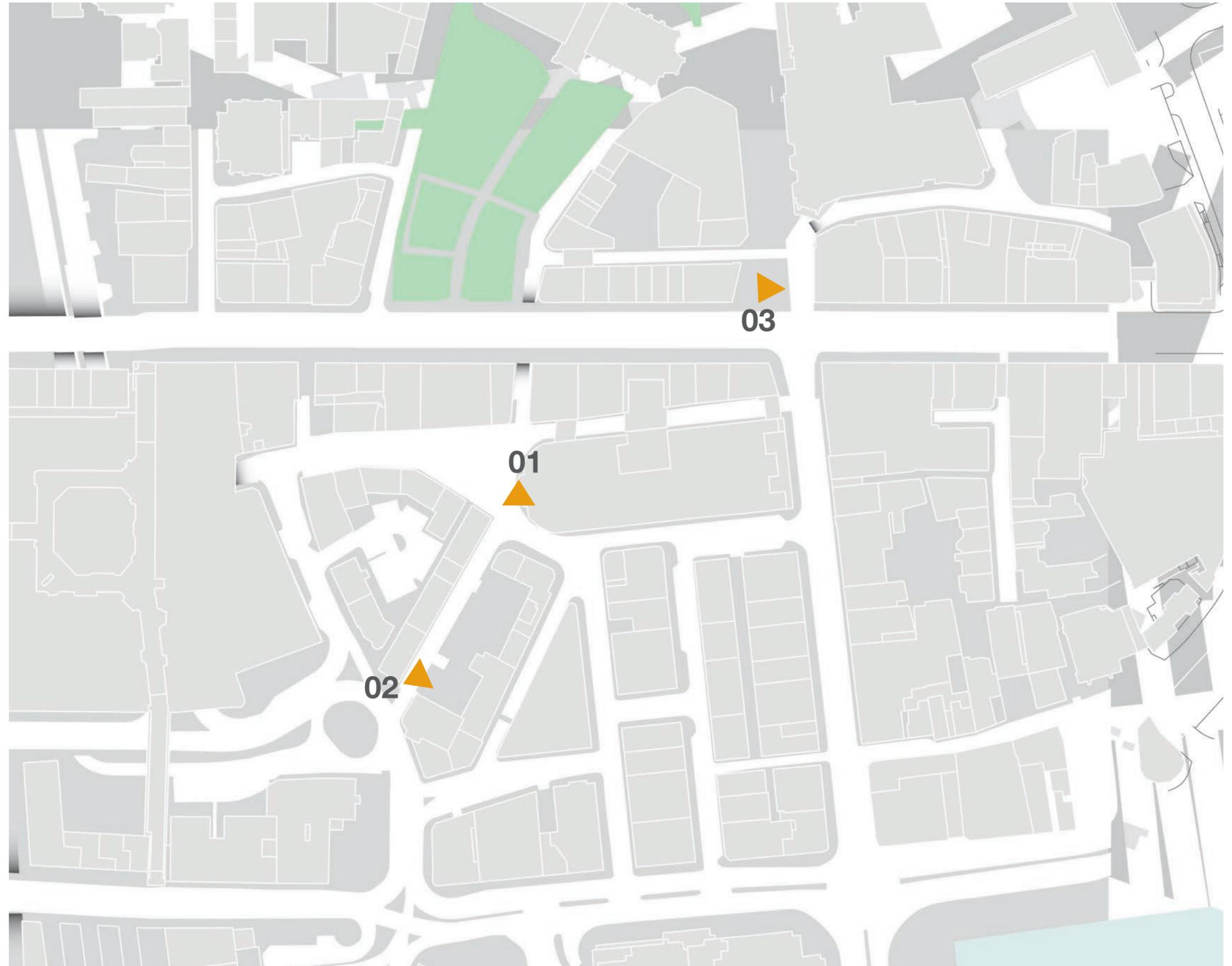


Biodiversity



3.6 Visualisation locations

The visualisations on the following pages show what the market streetscape concepts could look like in key locations. These locations are highlighted on the adjacent plan. The first image shows the view looking down Carmelite Street from the new market in the evening. Visualisation 2 highlights the route from Carmelite Street up towards the market whilst visualisation 3 indicatively shows the concept for a redeveloped St Nicholas Street.



3.7 Visual 01: Before (From Aberdeen Market looking towards Carmelite Street)



Visual 01: Proposed Concept



3.8 Visual 02: Before (From Wapping Street looking up Carmelite Street)



Visual 02: Proposed Concept



Catenary lighting

Enhanced wayfinding through lit signage

Aberdeen Market

Enhanced street greening and trees

Heritage inspired paving inlays

Proposed seating

Paving upgrades throughout to improve accessibility for all

3.9 Visual 03: Before (From Union Street looking north along St Nicholas Street)



Visual 03: Proposed Concept

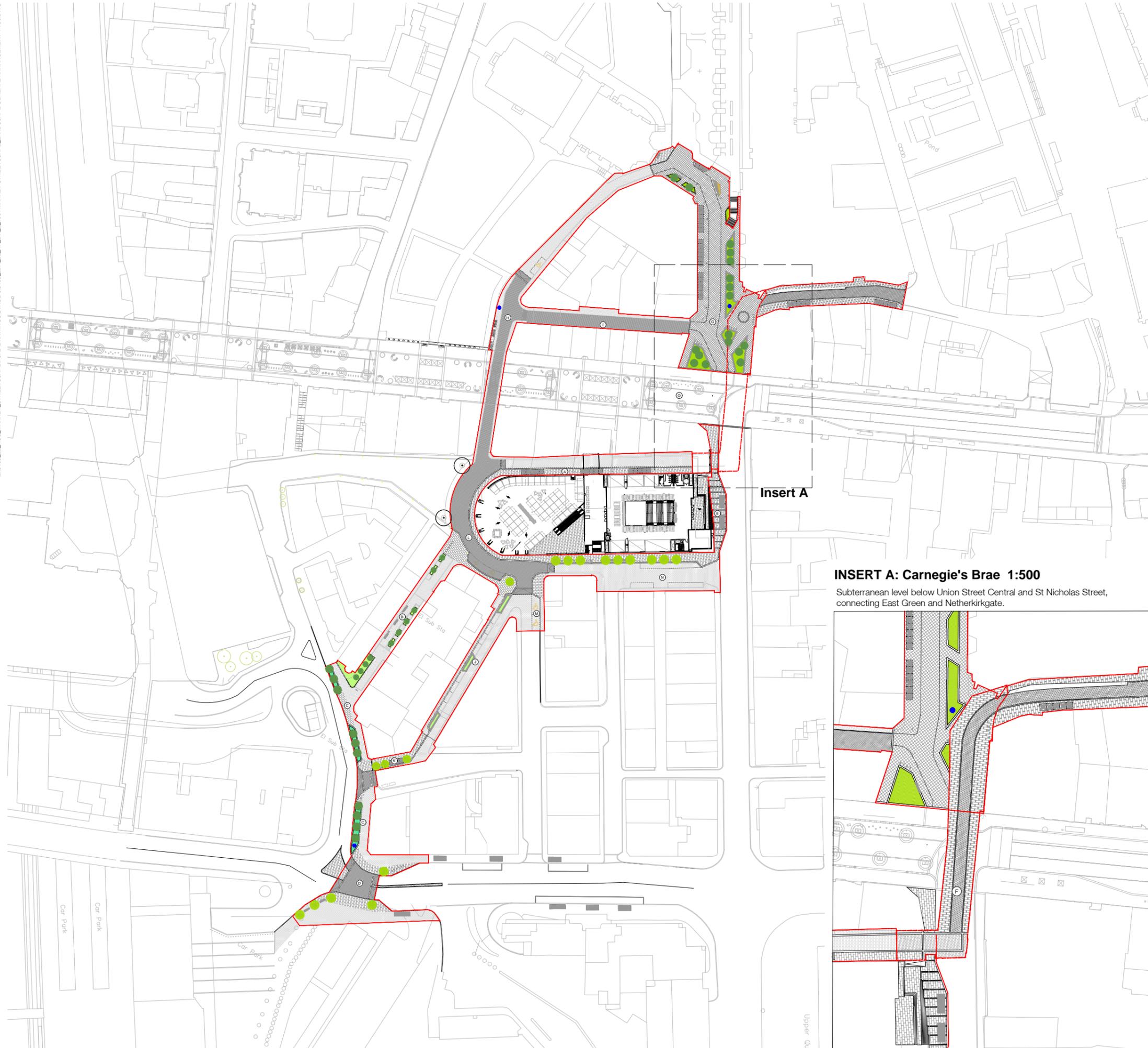


Appendix 1

RIBA Stage 3 Draft WIP General Arrangement Drawings

(Currently being developed alongside continuous discussion with the wider design team and ACC officers)

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Insert A

INSERT A: Carnegie's Brae 1:500

Subterranean level below Union Street Central and St Nicholas Street, connecting East Green and Netherkirkgate.



GENERAL ARRANGEMENT

- A** ABERDEEN MARKET PAVEMENT
New pavement to Aberdeen Market periphery allowing material continuation into ground floor of the new market building. Widened pavements allow for new tree planting, street furniture and seating.
- B** CARMELITE STREET
Pedestrianisation of central section of Carmelite Street, marked by new bollards. Addition of new benches, bins and catenary lighting. Existing planters will be replanted with new planting and trees.
- C** WAPPING STREET
Reduction of the carriageway width allows for pavement widening, facilitating new rain gardens and tree planting.
- D** GUILD STREET
New pedestrian priority crossing at junction of Guild Street and Wapping Street improving pedestrian connection to the train and bus stations. New tree planting, seating and street furniture.
- E** MARKET STREET
New entrance to the Aberdeen Market with extended pavement to facilitate proposed bus shelters (final locations to be coordinated with SYSTRA). Final layout to be coordinated with Holiday Fraser Murro architects.
- F** CARNEGIE'S BRAE
Resurfacing of Carnegie's Brae to create more accessible route. Arch stonework and access doors to be cleaned and made good. Columns to be painted and the installation of an immersive lighting feature proposed.
- G** ST NICHOLAS STREET
Regeneration of pedestrianised St Nicholas Street square with resurfacing and introduction of new planters, street furniture and seating elements. Retains service vehicle access during restricted hours. Railing along path from St Nicholas Street to Netherkirkgate to be painted and cleaned. Building facade treatment and feature lighting also proposed.

LEGEND

- H** CORRECTION WYND
Creation of raised table with new surface to improve pedestrian accessibility and priority under bridge.
- I** ST NICHOLAS LANE
Resurfacing of section of street to provide smooth surface for cycling, walking and wheeling.
- J** CARMELITE LANE
Retention of 8 car parking spaces and introduction of new planters. Proposed catenary lighting and signage.
- K** TRINITY STREET
Resurfacing of north pavement which is currently in poor condition. Introduction of new street trees. Raised table crossing at junction with Wapping Street.
- L** THE GREEN
Rationalisation of carriageway to allow for pavement widening. Introduction of new raised table crossing from Market to Carmelite Street. Integration of 2no. accessible parking spaces adjacent to the Market. Resurfacing of section of carriageway to create smooth surface for cycling.
- M** STIRLING STREET
Retention of existing taxi ranks. Proposals for new street trees, seating and furniture on new pavement outside Aberdeen Market.
- N** HADDEN STREET
Retention of existing taxi ranks. Proposals for new street trees, seating and furniture on new pavement outside Aberdeen Market.
- O** UNION STREET CENTRAL
Proposals for Union Street Central, for detail see drawings 8153-LDA-01-XX-DR-L-1000 series
- P** PHASE 1 & 2 BOUNDARY
See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

To be read in conjunction with:

- General Arrangement Drawings 1:750:
8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
8153-LDA-02-XX-DR-L-1003 Market Streetscape Surface Finishes
8153-LDA-02-XX-DR-L-1004 Market Streetscape Kerbs and Trims
8153-LDA-02-XX-DR-L-1005 Market Streetscape Street Furniture
8153-LDA-02-XX-DR-L-1006 Market Streetscape Lighting and Utilities
8153-LDA-02-XX-DR-L-1007 Market Streetscape Softworks and Tree Planting
8153-LDA-02-XX-DR-L-1100 Market Streetscape Existing vs Proposed
8153-LDA-02-XX-DR-L-1101 Market Streetscape Landscape Phasing Plan
- General Arrangement Drawings 1:250:
8153-LDA-02-XX-DR-L-2000 series
- Site Section Drawings
8153-LDA-02-XX-DR-L-4001-4002 Market Streetscape Existing vs Proposed Sections
- Detail Drawings
8153-LDA-02-XX-DR-L-5000 series (Street Furniture)
8153-LDA-02-XX-DR-L-5100 series (Hardworks)
8153-LDA-02-XX-DR-L-5200 series (Softworks)
- Landscape Specification
8153-LDA-02-XX-SP-L-1001
- Landscape Management and Maintenance Schedule
8153-LDA-02-XX-SP-L-1002
- Stage 3 Market Streetscape Executive Summary
8153-LDA-02-XX-RP-L-1002

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REV.	DESCRIPTION	JWA	06/07/22
-	Draft Issue to ACC		APP. DATE

LDA DESIGN

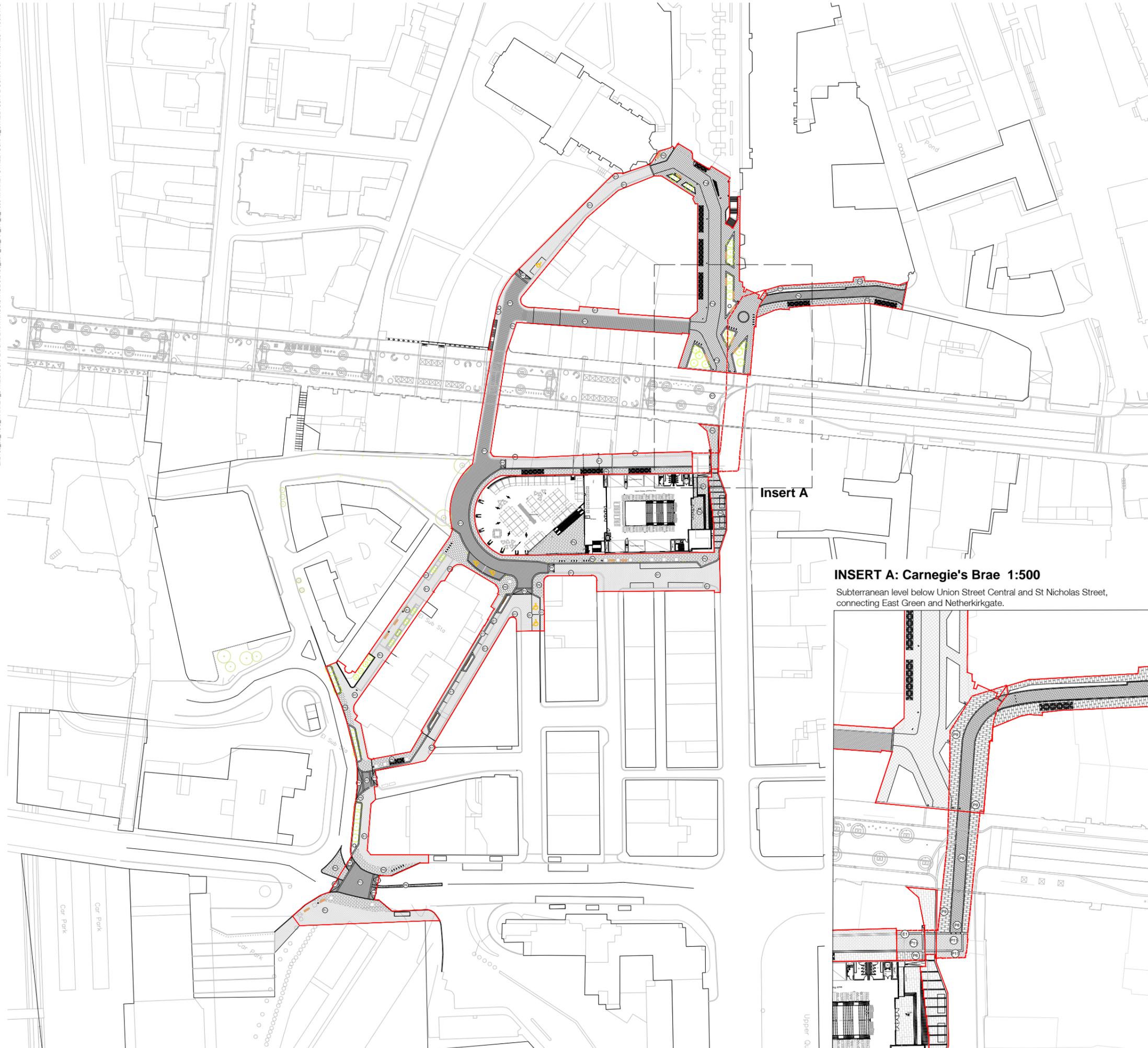
PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Landscape General Arrangement Plan

ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun 22	DRAWN MMc
SCALE@A1	1:750	CHECKED GMe
STATUS	Draft	APPROVED RW

DWG. NO 8153-LDA-02-XX-DR-L-1001

No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.
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Sources: Ordnance Survey



SURFACE FINISHES

- Paving Type 4 (P4):**
Scottish natural stone corduroy paving;
Supplier: Tradstocks/CED Stone;
Colour: Dark grey/black;
Finish: fine picked or flame finish;
Size: 400(w) x 400mm (l) x 70mm (d).
Locations to be decided - allowance should be made in cost plan
- Paving Type 5 (P5):**
Scottish natural stone tactile paving;
Supplier: Tradstocks/CED Stone;
Colour: Light grey;
Finish: flat top and fine picked;
Size: 400mm(w) x 400mm(l) x 70mm(d)
Locations to be decided - allowance should be made in cost plan
- Paving Type 6 (P6):**
Scottish granite flag paving;
Supplier: Tradstocks/CED Stone;
Colour: Mix of greys, buff and pink to match existing in surrounding area;
Finish: flat top and fine picked;
Size: To match existing in surrounding area
- Paving Type 7 (P7):**
Scottish granite sett paving;
Supplier: Tradstocks/CED Stone;
Colour: Mix of greys, buff and pink to match existing in surrounding area;
Finish: flat top and fine picked;
Size: To match existing in surrounding area (*)
- Paving Type 8 (P8):**
Scottish granite sett paving;
Supplier: Tradstocks/CED Stone;
Colour: Mix of greys, buff and pink with grey feature insert to match Flourmill Lane paving
Finish: flat top and fine picked with polished feature insert
Size: To match existing in surrounding area (*)

LEGEND

- Paving Type 9 (P9):**
Scottish granite flag paving;
Supplier: Tradstocks/CED Stone;
Colour: Mix of greys, buff and pink with grey feature insert to match Flourmill Lane paving
Finish: flat top and fine picked with polished feature insert
Size: To match existing in surrounding area
 - Paving Type 10 (P10):**
Scottish natural stone paving;
Supplier: Tradstocks/CED Stone;
Colour: Dark grey/black
Finish: flat top and fine picked with polished feature inserts
Size: Mix of sizes from setts to flags (*)
 - Paving Type 11 (P11):**
Reused granite sett paving;
Supplier: Reused from areas which are being resurfaced;
Colour: mix of greys, buff and pink
Finish: As existing
Size: As existing (*)
 - Existing Paving (E1):**
Existing paving retained and made good, or relaid as required in areas of poor condition. Reuse of paving lifted from other areas may be used to replace areas which are in poor condition
- NOTE:**
Ultimate selection of materials will be depending upon availability within the marketplace / further dialogue with ACC client.
- (*) Depth to allow for vehicular overrun, to be confirmed by Fairhursts.
- PHASE 1 & 2 BOUNDARY**
See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

To be read in conjunction with:

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8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
8153-LDA-02-XX-DR-L-1004 Market Streetscape Kerbs and Trims
8153-LDA-02-XX-DR-L-1005 Market Streetscape Street Furniture
8153-LDA-02-XX-DR-L-1006 Market Streetscape Lighting and Utilities
8153-LDA-02-XX-DR-L-1007 Market Streetscape Softworks and Tree Planting
8153-LDA-02-XX-DR-L-1100 Market Streetscape Existing vs Proposed
8153-LDA-02-XX-DR-L-1101 Market Streetscape Landscape Phasing Plan
- General Arrangement Drawings 1:250:
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- Stage 3 Market Streetscape Executive Summary
8153-LDA-02-XX-RP-L-1002

Insert A

INSERT A: Carnegie's Brae 1:500

Subterranean level below Union Street Central and St Nicholas Street, connecting East Green and Netherkirkgate.



NOTE:

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REV.	DESCRIPTION	JWA	06/07/22
			APP. DATE

LDA DESIGN

PROJECT TITLE
Aberdeen City Centre Vision

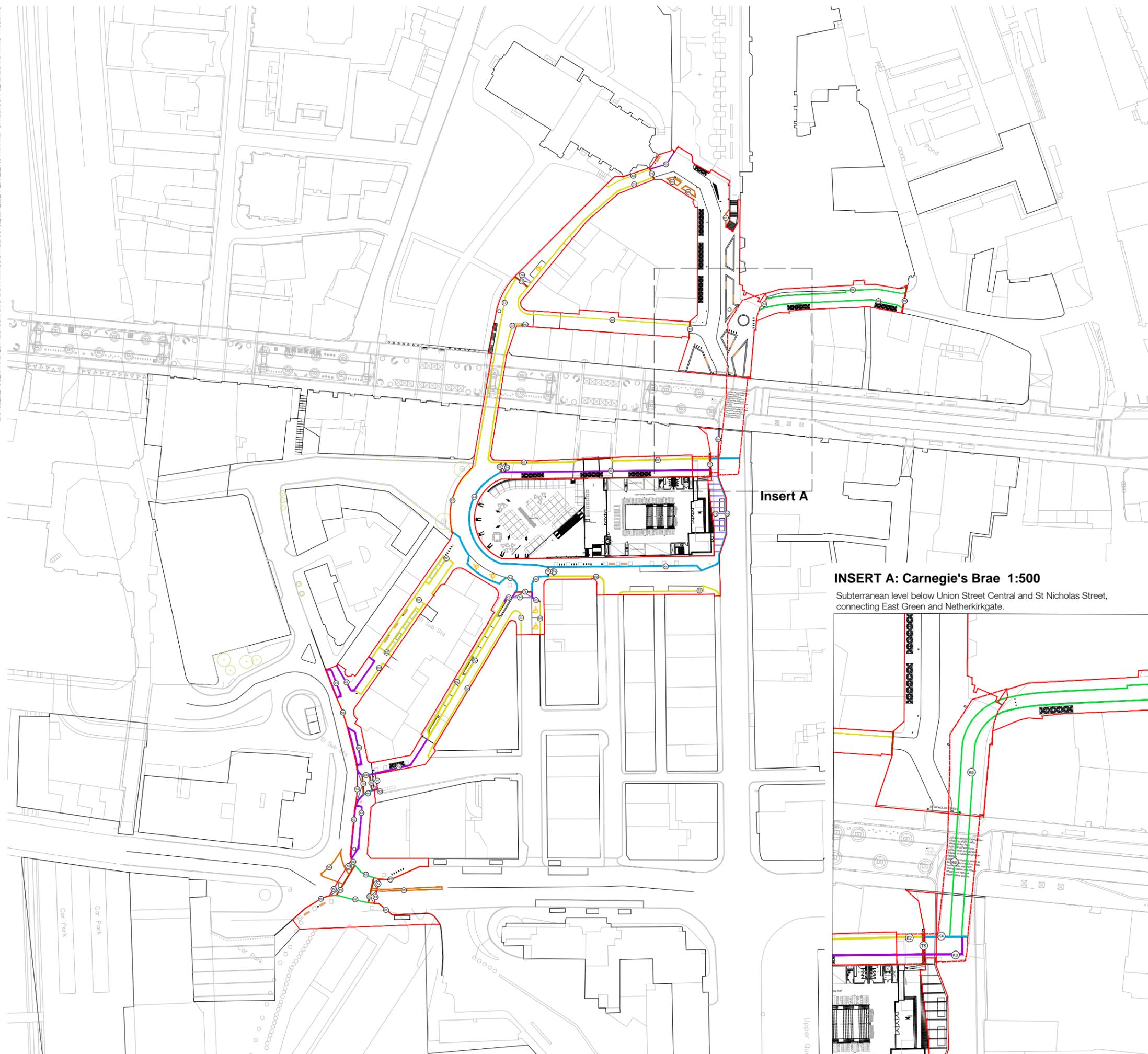
DRAWING TITLE
Market Streetscape
Surface Finishes

ISSUED BY	Glasgow	T: 0141 222 9780	
DATE	Jun 22	DRAWN	MMc
SCALE	A1 1:750	CHECKED	GMe
STATUS	Draft	APPROVED	RW

DWG. NO 8153-LDA-02-XX-DR-L-1003

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Sources: Ordnance Survey

Z:\18153_02_ACC_MARKET_STREETSCAPE\DRAWINGS\STAGE 3\8153_LDA_02_XX_DR_L_1004 MARKET STREETSCAPE_KERBSANDTRIMS 1:750.DWG



KERBS, TRIMS AND EDGES

- K3**
Kerb Type 3 (K3):
Scottish granite stone bullnosed kerb;
Colour: Mix of greys, buff and pink to match existing in surrounding area;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 400(w)x900-1200 (l)x255mm(d*);
Laid 60mm upstand.
- K4**
Kerb Type 4 (K4):
Scottish natural stone bullnosed kerb;
Colour: Mix of greys, buff and pink to match existing in surrounding area;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 400(w)x900-1200 (l)x255mm(d*);
Laid 20mm upstand.
- K5**
Kerb Type 5 (K5):
Scottish natural stone bullnosed kerb;
Colour: Mix of grey, buff and pink to match existing;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 200(w)x900-1200 (l)x255mm(d*);
Laid 60mm upstand.
- K6**
Kerb Type 6 (K6):
Scottish natural stone bullnosed kerb;
Colour: Mix of grey, buff and pink to match existing;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 200(w)x900-1200 (l)x255mm(d*);
Laid 20mm upstand.
- T4**
Trim Type 4 (T4):
Scottish natural stone flat top kerb;
Colour: Grey;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 400(w)x900-1200 (l)x255mm(d*);
Laid flush to interface with adjacent surfaces.

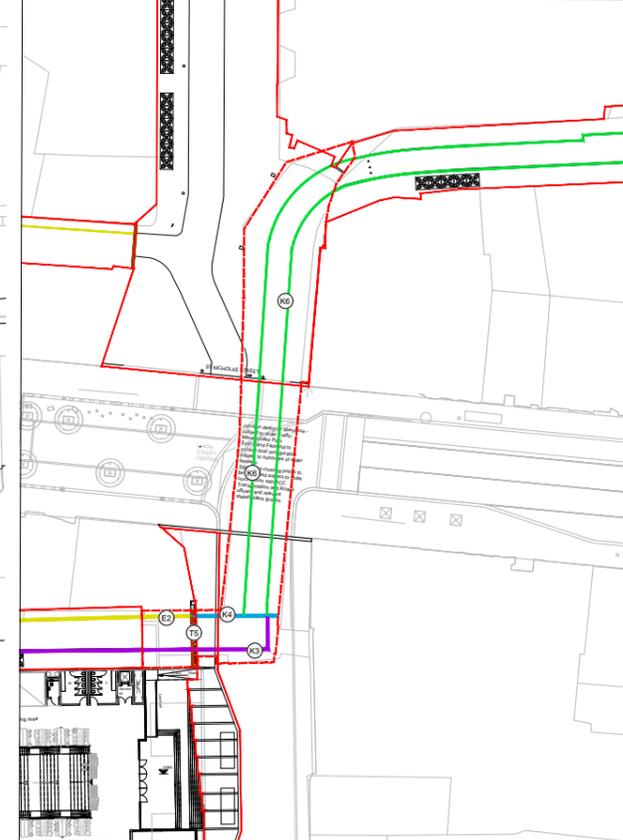
- LEGEND**
- T5**
Trim Type 5 (T5):
Scottish natural stone flat top kerb;
Colour: grey;
Supplier: CED Stone/ Tradstocks;
Finish: fine picked or punch finish;
Size: 200(w)x900-1200 (l)x255mm(d*);
Laid flush.
 - E2**
Existing kerbs (E2):
Existing kerbs retained and made good, or re-laid as required in areas of poor condition. Reuse of kerbs lifted from other areas may be used to replace areas which are in poor condition.
- NOTE:**
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(d*) Depth to allow for vehicular overrun, to be confirmed by Fairhursts.
- PHASE 1 & 2 BOUNDARY**
See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

- To be read in conjunction with:
- General Arrangement Drawings 1:750:
8153-LDA-02-XX-DR-L-1001 Market Streetscape Landscape General Arrangement Plan
8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
8153-LDA-02-XX-DR-L-1003 Market Streetscape Surface Finishes
8153-LDA-02-XX-DR-L-1005 Market Streetscape Street Furniture
8153-LDA-02-XX-DR-L-1006 Market Streetscape Lighting and Utilities
8153-LDA-02-XX-DR-L-1007 Market Streetscape Softworks and Tree Planting
8153-LDA-02-XX-DR-L-1100 Market Streetscape Existing vs Proposed
8153-LDA-02-XX-DR-L-1101 Market Streetscape Landscape Phasing Plan
 - General Arrangement Drawings 1:250:
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8153-LDA-02-XX-RP-L-1002

Insert A

INSERT A: Carnegie's Brae 1:500

Subterranean level below Union Street Central and St Nicholas Street, connecting East Green and Netherkirkgate.



NOTE:
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REV.	DESCRIPTION	APP. DATE
-	Draft Issue to ACC	JWA 06/07/22

LDA DESIGN

PROJECT TITLE
Aberdeen City Centre Vision

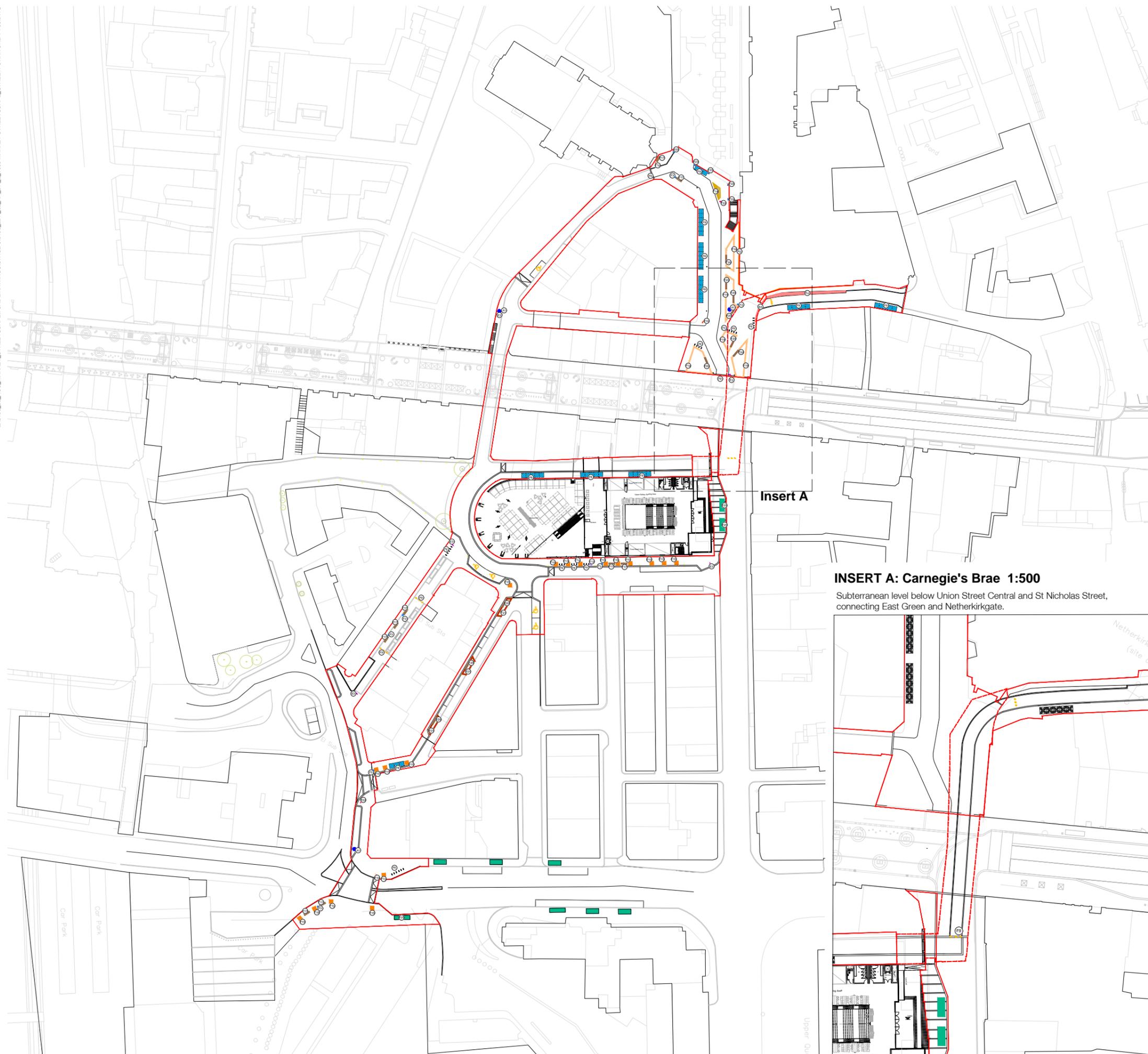
DRAWING TITLE
Market Streetscape
Kerbs and Trims

ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun/22	DRAWN MMc
SCALE/A1	1:750	CHECKED GMe
STATUS	Draft	APPROVED RW

DWG. NO 8153-LDA-02-XX-DR-L-1004

No dimensions are to be scaled from this drawing.
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 Area measurements for indicative purposes only.
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 Sources: Ordnance Survey

Z:\8153_LDA_ACC_MARKET_STREETSCAPE\DRAWINGS\STAGE 3\8153_LDA_02_XX_DR_L_1005 MARKET STREETSCAPE STREET FURNITURE 1:750.DWG



STREET FURNITURE

- Street Furniture Type 3 (F3): Bins
- Street Furniture Type 6 (F6): Cycle stands.
- Street Furniture Type 8 (F8): Canvases for outdoor seating areas (TBC).
- Street Furniture Type 9 (F9): Moveable bollards (All locations tbc).
- Street Furniture Type 10 (F10): Wayfinding boards.
- Street Furniture Type 11 (F11): Drinking fountain.
- Street Furniture Type 12 (F12): Bike tool station.
- Street Furniture Type 15 (F15): Tree grate.
- Street Furniture Type 17 (F17): Bench.
- Street Furniture Type 18 (F18): Bespoke feature timber seat
- Street Furniture Type 19 (F19): Stone planter edge
- Street Furniture Type 20 (F20): Timber wall seat.

LEGEND

- Street Furniture Type 21 (E21): Granite planter edge.
- Street Furniture Type 22 (E22): Existing wayfinding totem relocated.
- Street Furniture Type 23 (E23): Box planter with trellis system.
- Street Furniture Type 25 (E25): Bus shelter.
- Existing wayfinding totem (E3): Existing wayfinding totem retained
- Existing railing (E4): Railing retained, to be painted and cleaned.

NOTE:
For further details, refer to document number 8153-LDA-02-XX-SP-L-1001 Market Streetscape Outline Specification.

ART STRATEGY

- Art Feature Type 1 (A1): Iconic wayfinding sculpture feature.
- Art Feature Type 2 (A2): Mural to building facade.

NOTE:
Art Strategy TBC - subject to further consultation. Final selection to be discussed and agreed with ACC client. All art features shown currently are indicative and subject to change following further discussion.

PHASE 1 & 2 BOUNDARY
See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

To be read in conjunction with:

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8153-LDA-02-XX-DR-L-1001 Landscape General Arrangement Plan
8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
8153-LDA-02-XX-DR-L-1003 Market Streetscape Surface Finishes
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8153-LDA-02-XX-RP-L-1002

Insert A

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Subterranean level below Union Street Central and St Nicholas Street, connecting East Green and Netherkirkgate.



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REV.	DESCRIPTION	APP. DATE
-	Draft Issue to ACC	JW 06/07/22

LDA DESIGN

PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Street Furniture

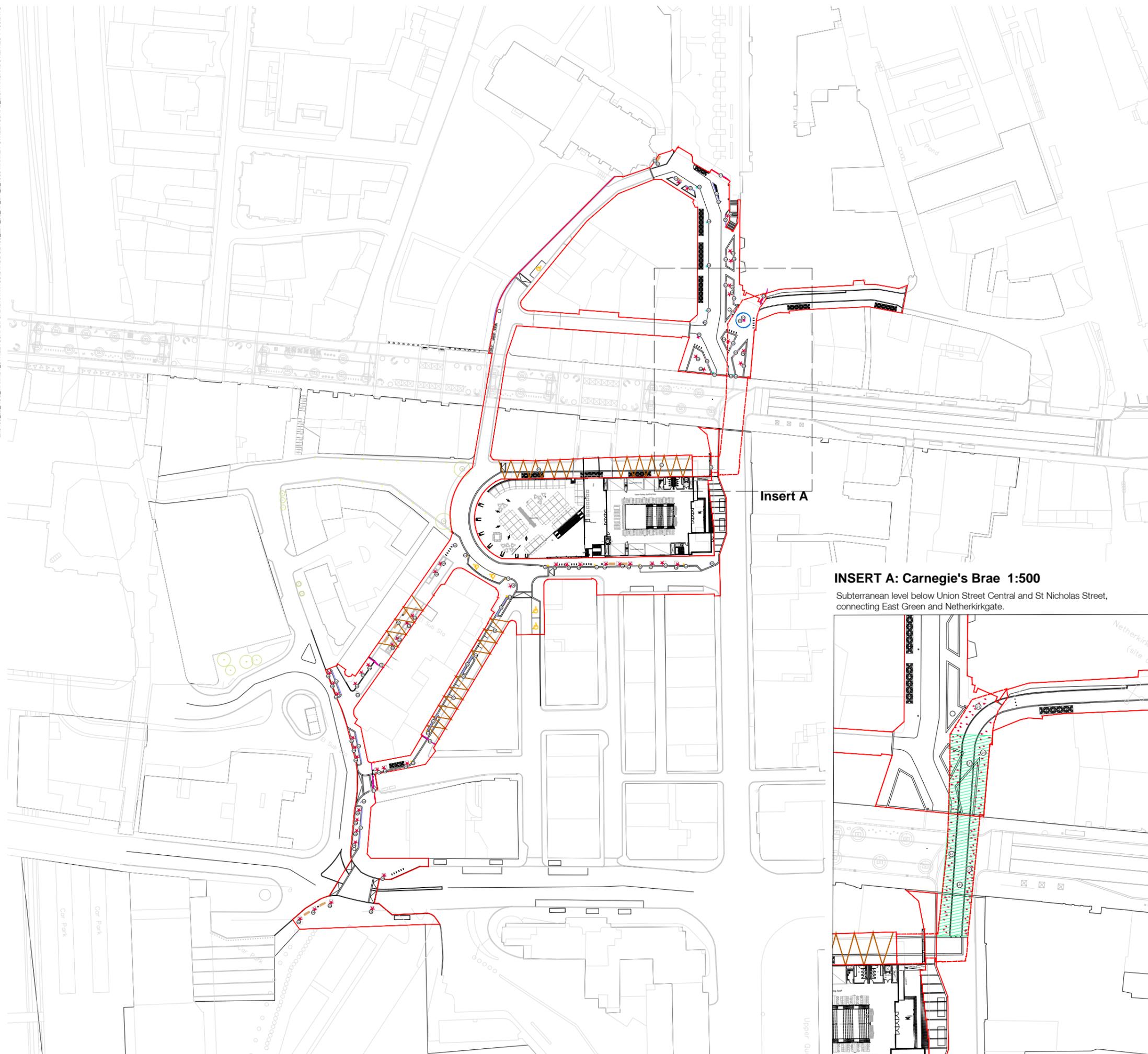
ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun '22	DRAWN MMc
SCALE/A1	1:750	CHECKED GMe
STATUS	Draft	APPROVED RW

DWG. NO 8153-LDA-02-XX-DR-L-1005

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Sources: Ordnance Survey

Z:\8153_02_ACC_MARKET_STREETSCAPE\7CAD\DRAWINGS\STAGE 3\8153_LDA_02_XX_DR_L_1006 MARKET STREETSCAPE_LIGHTINGANDUTILITIES 1:750.DWG



- LIGHTING**
- Lighting feature Type 1 (L1): In-ground 'constellation' way-finding lighting
 - Lighting feature Type 4b (L4b): Tree uplighters to trees in fixed planters.
 - Lighting feature Type 5 (L5): Allowance Supplementary Feature Lighting to street furniture elements
 - Lighting feature Type 6 (L6): Allowance for Iconic Feature Lighting to St Nicholas Street
 - Lighting feature Type 7 (L7): Allowance for Sentinel Lighting at Key Nodes (street entrances and steps)
 - Lighting feature Type 8 (L8): Catenary Tumbler lighting.
 - Lighting feature Type 9 (L9): Lighting column.
 - Lighting feature Type 10 (L10): Lantern lighting column to match existing in The Green.
 - Lighting feature Type 11 (L11): Immersive lighting installation in Carnegie's Brae.
- UTILITIES**
- Utilities Type 1 (U1): Recessed water, power and drainage outlet. Power supply for each unit: 1 x 63amp, 2 x 32amp, 2 x 16 amp plus water supply (TBC)
 - PHASE 1 & 2 BOUNDARY See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

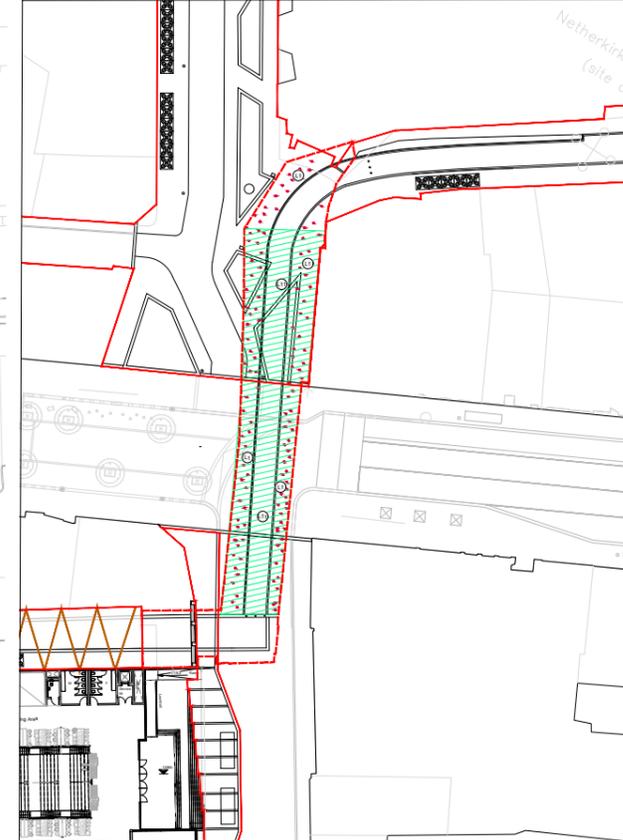
NOTE:
The Lighting proposals illustrated is indicative only, subject to further consultation with Client and relevant stakeholders groups engagement. Suitable lighting levels to be verified by Engineers.

- To be read in conjunction with:
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8153-LDA-02-XX-DR-L-1001 Market Streetscape Landscape General Arrangement Plan
8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
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8153-LDA-02-XX-RP-L-1002

Insert A

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REV.	DESCRIPTION	APP. DATE
	Draft Issue to ACC	Jwa 06/07/22

LDA DESIGN

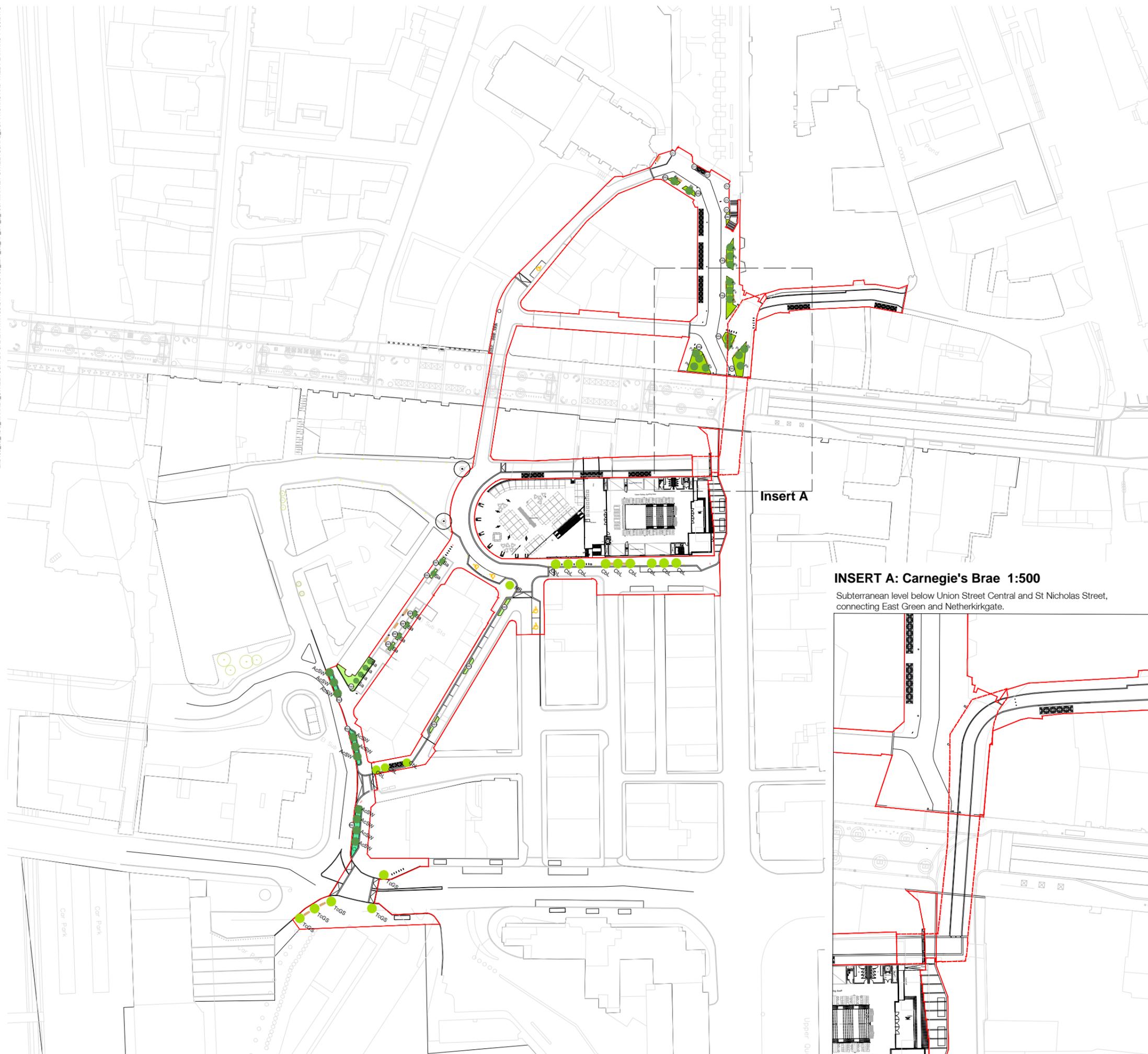
PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Lighting and Utilities

ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun: 22	DRAWN MMc
SCALE/A1	1:750	CHECKED GMe
STATUS	Draft	APPROVED RW

DWG. NO 8153-LDA-02-XX-DR-L-1006

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Sources: Ordnance Survey



- LEGEND**
- SOFTWORKS**
- Trees in Hard Landscape*
Proposed feature trees in hard landscape
Mix of the following species:
Morus 'Rudolph' (MR), Carpinus betulus 'Lucas' (CbL), Tilia Cordata 'Green Spire' (TcGS)
 - Trees in Soft Landscape*
Proposed trees in soft landscape
Mix of the following species:
Sorbus acuparia (Sa), Pinus sylvestris (Ps), Acer Campestre 'Street Wise' (AcSW)
 - Existing Trees:
Existing trees retained.
 - Softworks mix 1 (SW1):
Mix 1 - Shrub and herbaceous planting to Carmelite Lane and Carmelite Street
 - Softworks mix 2 (SW2):
Mix 2 - Shrub and herbaceous planting to St Nicholas Street
 - Rain garden mix (RG1):
Rain garden planting mix to Wapping Street verges.
 - Climbing plants (C1):
Climbing plant mix to be grown up Bon Accord Centre columns in St Nicholas Street. Trained via trellis wire system.
- *Assume all trees require urban tree cell system. Refer to 8153-LDA-02-XX-SP-L-1001 Outline specification for more detail.
- Planting selection- subject to further consultation.
Final selection to be discussed and agreed with ACC client.
- For more details on the plant species refer to:
8153-LDA-02-XX-SP-L-1001 Outline Specification.
- For information about the maintenance regime refer to:
8153-LDA-02-XX-SP-L-1002 Landscape Management and Maintenance Schedule.
- PHASE 1 & 2 BOUNDARY
See drawings 8153-LDA-02-XX-DR-L-1101 for further information on project phasing

- To be read in conjunction with:
- General Arrangement Drawings 1:750:
8153-LDA-02-XX-DR-L-1001 Landscape General Arrangement Plan
8153-LDA-02-XX-DR-L-1002 Market Streetscape Rendered General Arrangement Plan
8153-LDA-02-XX-DR-L-1003 Market Streetscape Surface Finishes
8153-LDA-02-XX-DR-L-1004 Market Streetscape Kerbs and Trims
8153-LDA-02-XX-DR-L-1005 Market Streetscape Street Furniture
8153-LDA-02-XX-DR-L-1006 Market Streetscape Lighting and Utilities
8153-LDA-02-XX-DR-L-1100 Market Streetscape Existing vs Proposed
8153-LDA-02-XX-DR-L-1101 Market Streetscape Landscape Phasing Plan
 - General Arrangement Drawings 1:250:
8153-LDA-02-XX-DR-L-2000 series
 - Site Section Drawings
8153-LDA-02-XX-DR-L-4001-4002 Market Streetscape Existing vs Proposed Sections
 - Detail Drawings
8153-LDA-02-XX-DR-L-5000 series (Street Furniture)
8153-LDA-02-XX-DR-L-5100 series (Hardworks)
8153-LDA-02-XX-DR-L-5200 series (Softworks)
 - Landscape Specification
8153-LDA-02-XX-SP-L-1001
 - Landscape Management and Maintenance Schedule
8153-LDA-02-XX-SP-L-1002
 - Stage 3 Market Streetscape Executive Summary
8153-LDA-02-XX-RP-L-1002

Insert A

INSERT A: Carnegie's Brae 1:500
Subterranean level below Union Street Central and St Nicholas Street, connecting East Green and Netherkirkgate.



NOTE:

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Further details to be provided at RIBA Stage 4:
 - junction design (subject to liaison with SYSTRA for wider Traffic Management Plan)
 - parking locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
 - entrance to Aberdeen Market from Market Street (subject to liaison with Halliday Fraser Munro/ACC)
 - final traffic movement and bus stop locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
 - material strategy for feature areas (to be discussed and agreed with ACC Client)

Spatial configuration as currently agreed.

Final selection of materials in abeyance, to be discussed and agreed with ACC client.

Vertical delineation and build ups in abeyance, and all related elements (tactile paving and potential for trims with specific hazard warning finishes) all subject to outcome of the discussion with ACC (kerbs upstand and location of raised tables TBC) and subject to feasibility (underground surveys).

Designs developed in the absence of technical surveys. All proposals subject to change following outcome of topographical surveys and site investigations.

REV.	DESCRIPTION	APP. DATE
-	Draft Issue to ACC	JWw 06/07/22

LDA DESIGN

PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Softworks and Tree Planting

ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun '22	DRAWN MMc
SCALE/A1	1:750	CHECKED GMe
STATUS	Draft	APPROVED RW

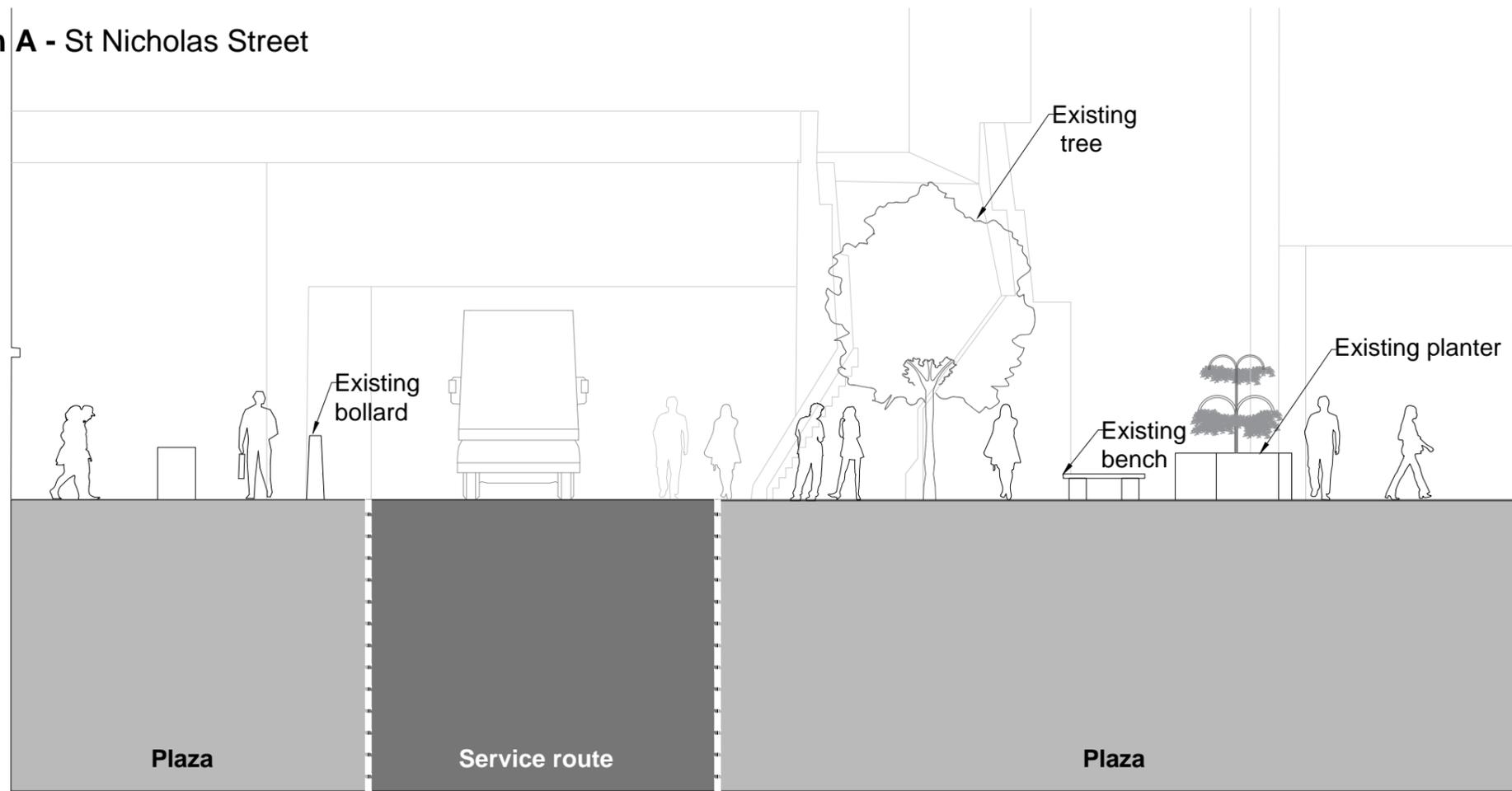
DWG. NO 8153-LDA-02-XX-DR-L-1007

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Area measurements for indicative purposes only.

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Sources: Ordnance Survey

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Existing section A - St Nicholas Street



LEGEND

NOTE:

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- junction design (subject to liaison with SYSTRA for wider Traffic Management Plan)
- parking locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
- entrance to Aberdeen Market from Market Street (subject to liaison with Halliday Fraser Munro/ACC)
- final traffic movement and bus stop locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
- material strategy for feature areas (to be discussed and agreed with ACC Client)

Spatial configuration as currently agreed.

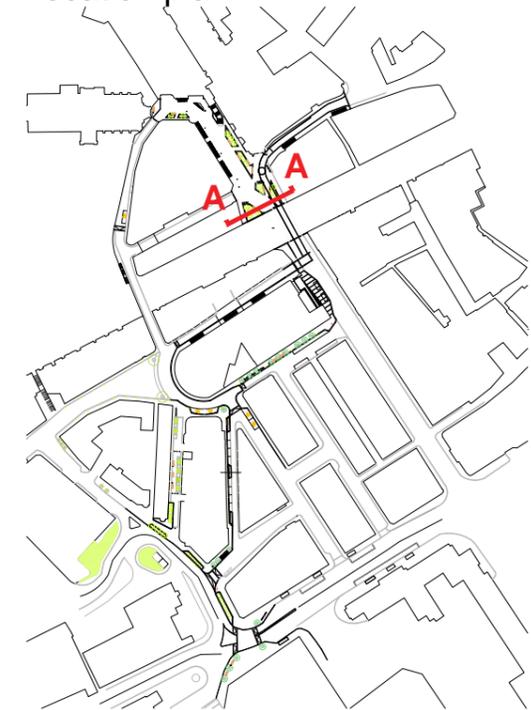
Final selection of materials in abeyance, to be discussed and agreed with ACC client.

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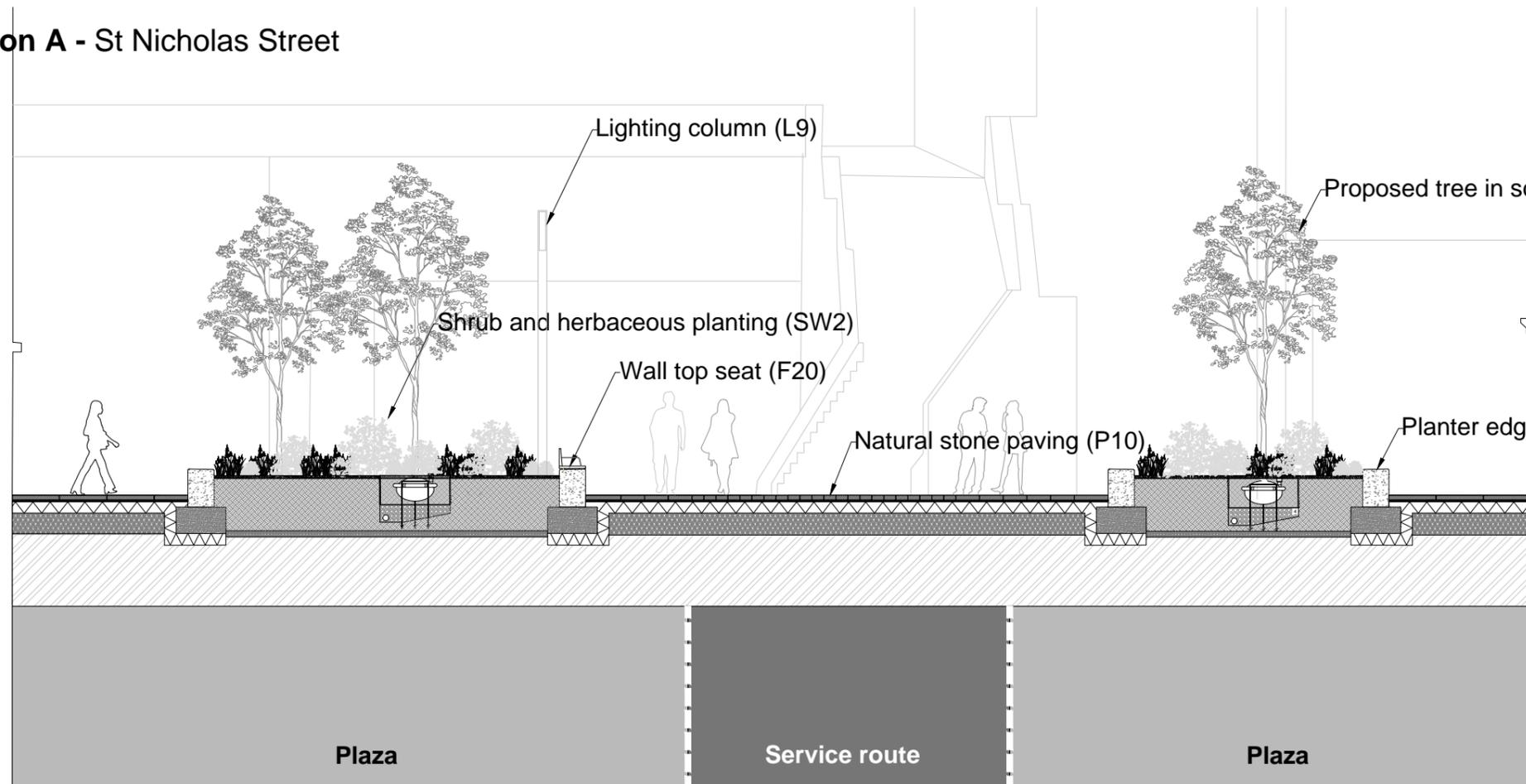
Designs developed in the absence of technical surveys. All proposals subject to change following outcome of topographical surveys and site investigations.

Details shown in sections are indicative only. Subject to change following outcome of topographical surveys and site investigations.

Location plan



Proposed section A - St Nicholas Street



Draft issue to ACC JWA 06/07/22
REV. DESCRIPTION APP. DATE

LDĀDESIGN

PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Existing v. Proposed Section A

ISSUED BY	Glasgow	T: 0141 222 9780
DATE	Jun '22	DRAWN MMe
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STATUS	Draft	APPROVED RW

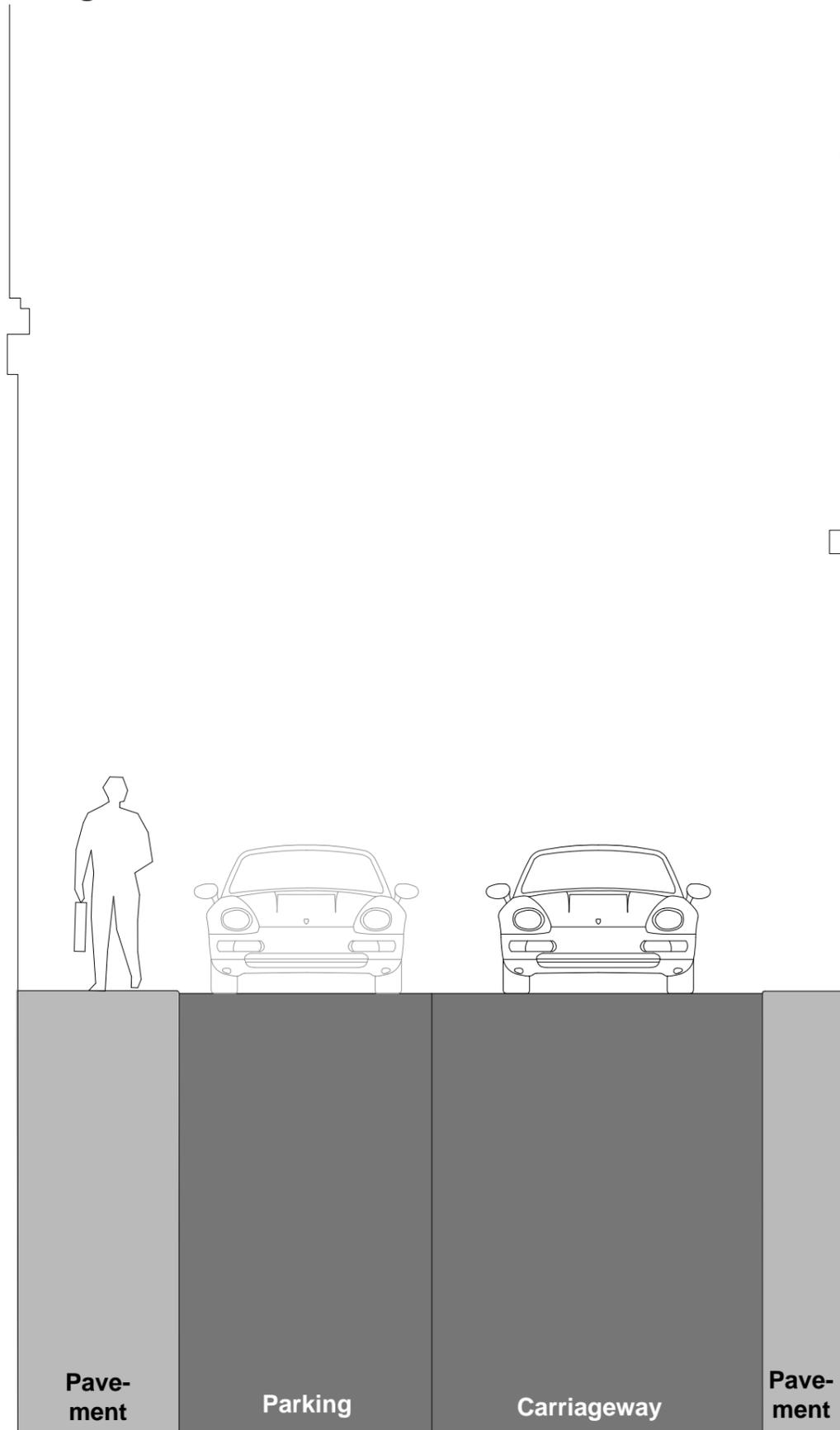
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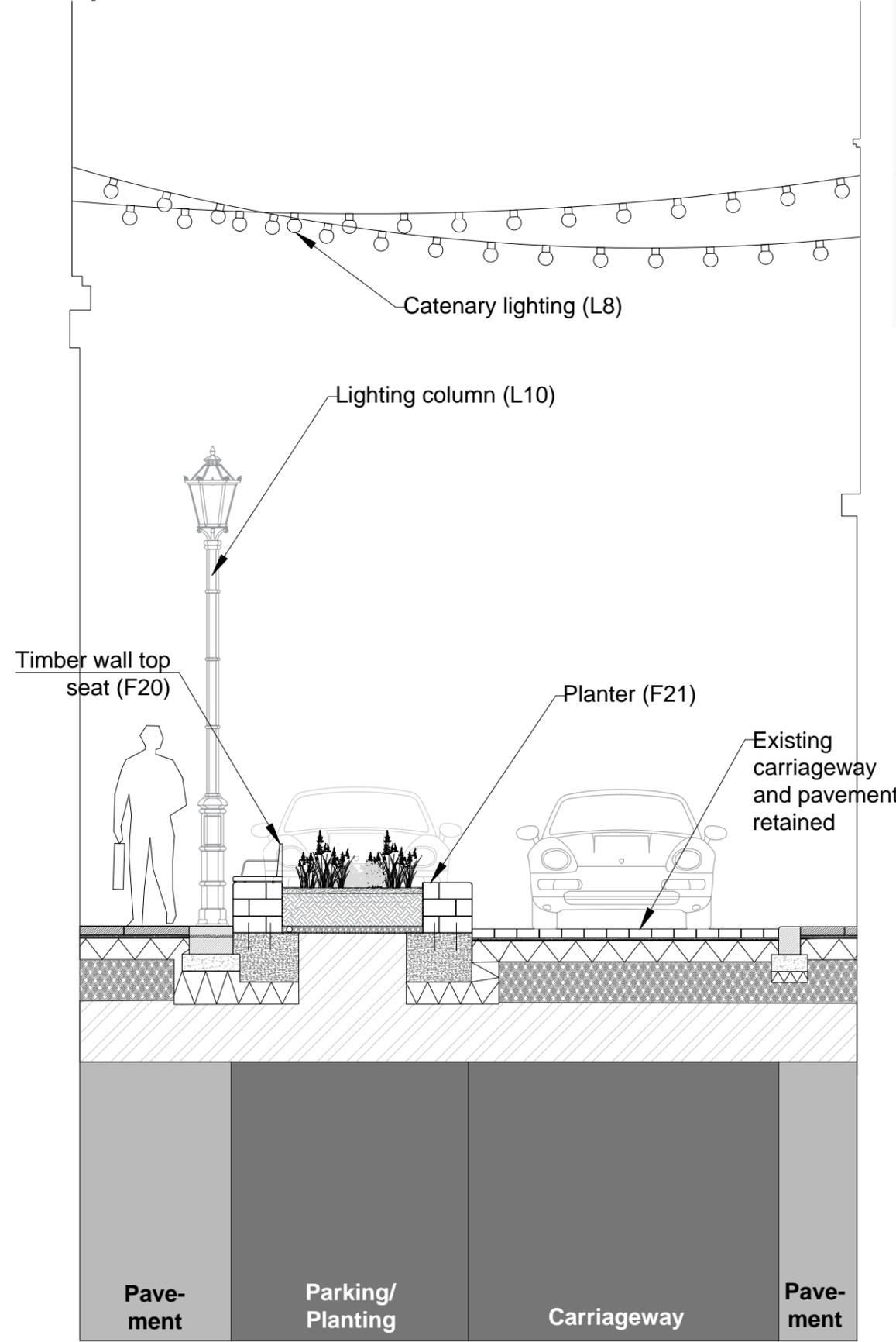
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Sources Ordnance Survey



Existing section B - Carmelite Lane



Proposed section B - Carmelite Lane



NOTE:

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Further details to be provided at RIBA Stage 4:

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- parking locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
- entrance to Aberdeen Market from Market Street (subject to liaison with Halliday Fraser Munro/ACC)
- final traffic movement and bus stop locations (subject to liaison with SYSTRA for wider Traffic Management Plan)
- material strategy for feature areas (to be discussed and agreed with ACC Client)

Spatial configuration as currently agreed.

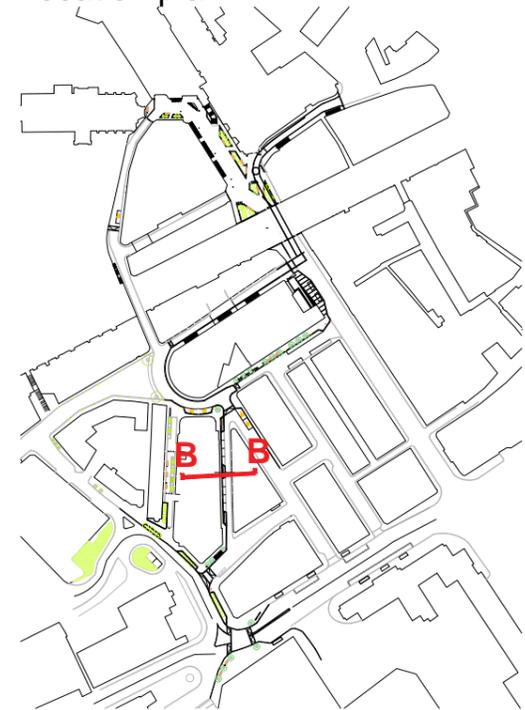
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Designs developed in the absence of technical surveys. All proposals subject to change following outcome of topographical surveys and site investigations.

Details shown in sections are indicative only. Subject to change following outcome of topographical surveys and site investigations.

Location plan



REV.	DESCRIPTION	APP. DATE
-	Draft Issue to ACC	JWw 08/07/22

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PROJECT TITLE
Aberdeen City Centre Vision

DRAWING TITLE
Market Streetscape
Existing v. Proposed Section B

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DWG. NO 8153-LDA-02-XX-DR-L-4002

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Sources: Ordnance Survey



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LDĀ DESIGN

London

209 – 215 Blackfriars Road
London SE1 8NL
United Kingdom
+44 (0) 20 7467 1470

Bristol

Studio 4B
36 King Street
Bristol BS1 4DZ
United Kingdom
+44 (0) 117 203 3628

Cambridge

The Courtyard
17A Sturton Street
Cambridge CB1 2SN
United Kingdom
+44 (0) 1223 949054

Exeter

Kings Wharf, The Quay
Exeter EX2 4AN
United Kingdom
+44 (0) 1392 260 430

Glasgow

Sovereign House
158 West Regent Street
Glasgow G2 4RL
United Kingdom
+44 (0) 1412 229 780

Manchester

Hilton Square
3 Tariff Street
Manchester M1 2FF
United Kingdom
+44 (0) 161 359 5684

Oxford

Worton Rectory Park
Oxford OX29 4SX
United Kingdom
+44 (0) 1865 887050

Peterborough

17 Minster Precincts
Peterborough PE1 1XX
United Kingdom
+44 (0) 1733 310 471

www.lda-design.co.uk

LDA Design Consulting Ltd
Registered No: 09312403
17 Minster Precincts, Peterborough PE1 1XX

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