



Scottish
Canals



Reinventing
Cities



Reinventing Cities Glasgow Meet-Up Event

16 May 2024
Civic House, Glasgow

scottishcanals.co.uk





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Welcome & Housekeeping

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Agenda

- 1300: Welcome and Opening Remarks
Councillor Susan Aitken, Leader of Glasgow City Council
Richard Miller, Chief Operating Officer at Scottish Canals
- 1315: C40 Reinventing Cities Competition Presentation
Priyanka Premlal, C40 Cities
- 13.30 Applecross Wharf Site Presentation
Jill Malvenan, on behalf of Scottish Canals
- 1345: Question and Answers
- 1415 Networking
- 1445 Site Visit





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Welcome & Opening Remarks

Sarah Shaw

Head of Planning,
Glasgow City Council

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Welcome & Opening Remarks

Richard Miller

Chief Operating Officer,
Scottish Canals

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Applecross Wharf Site Presentation

Jill Malvenan

on behalf of Scottish Canals

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1. Site Location

- a. The Canal
- b. Connectivity inc ped and vehicular access

2. Development to date

- a. Pre 2022
- b. Dundashill & Sighthill residential developments
- c. The Smart Canal
- d. Claypits and associated projects inc Site A advance works.

3. People Make Glasgow

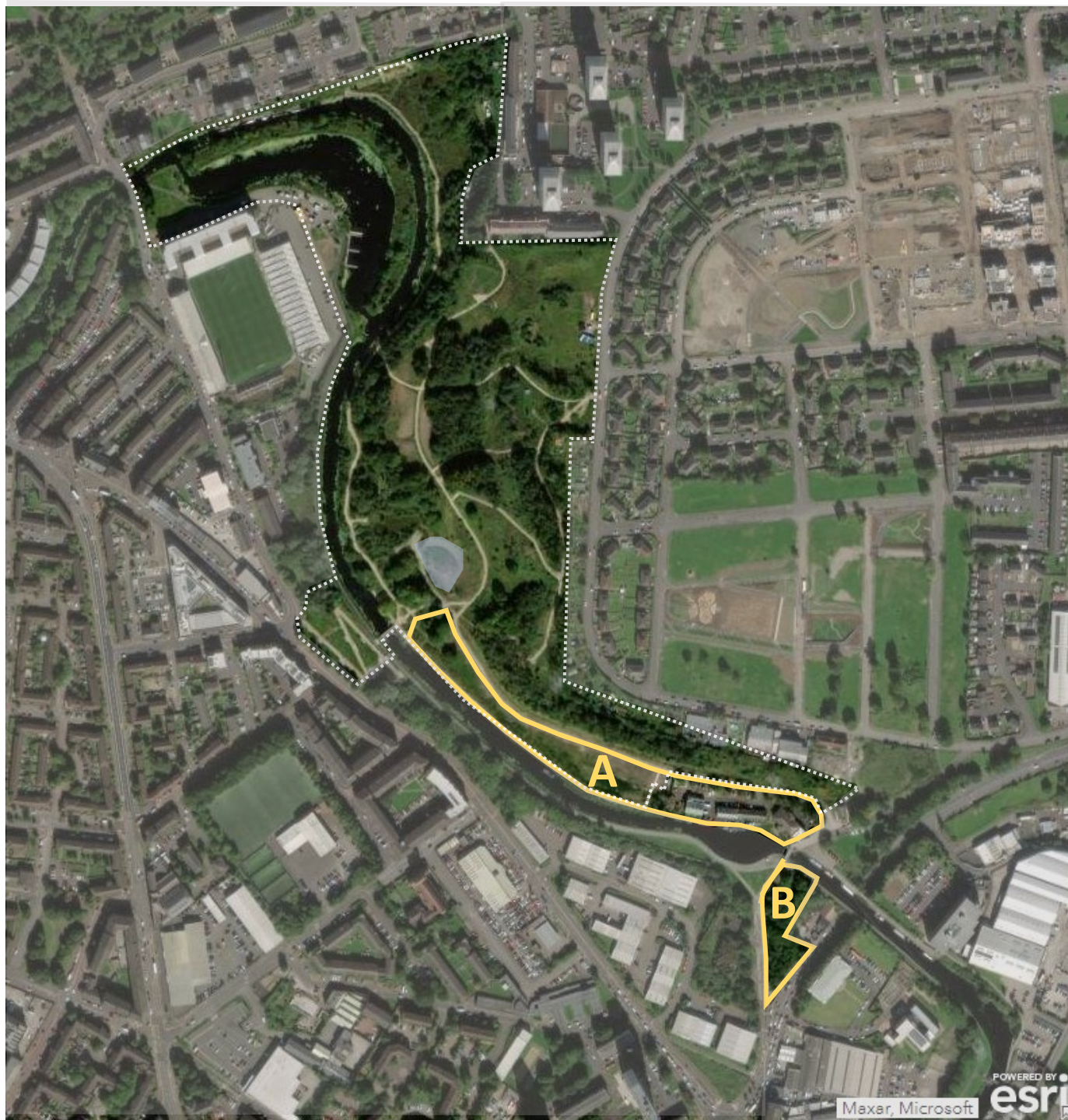
- a. Charette process
- b. HLNRMG
- c. Health and well-being
- d. Active travel

4. Heritage and Technical

- a. Heritage impact
- b. Property and Easements inc Existing site uses
- c. Technical Assessments

5. Site walkaround

- a. Perimeter walk – planned route



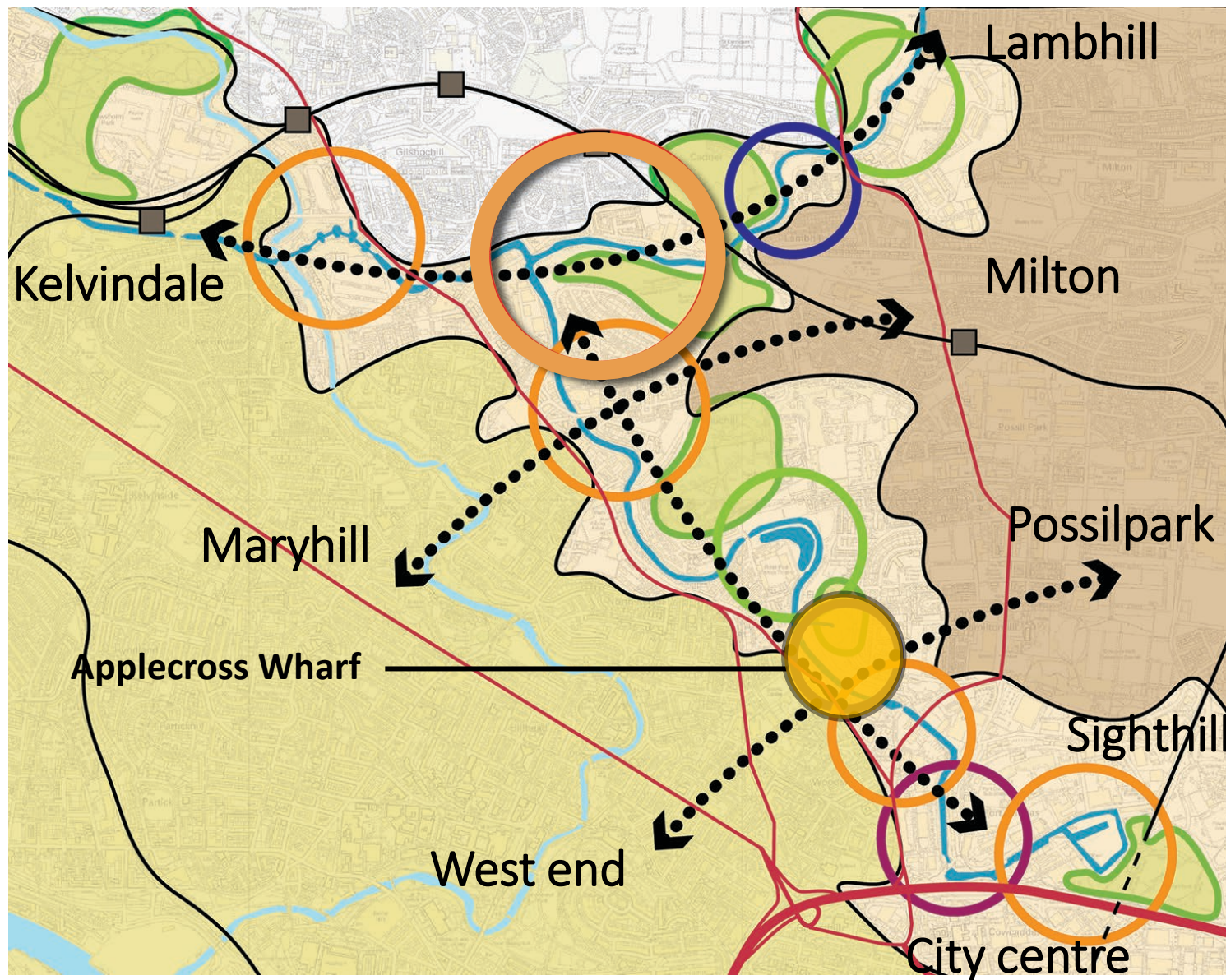




Forth & Clyde Canal

- Historic monument
- Connectivity, inc Green and Blue links
- Supporting Health

A study by Glasgow Caledonian University concluded that people living within 700m of the newly regenerated Glasgow Canal have a 15% lower risk of suffering from cardiovascular disease, a stroke or hypertension. It also lowered their risk of diabetes by 12% and obesity by 10%.



Development to date

Glasgow Canal
Regeneration Group –
Scottish Canal, GCC,
Igloo and various
stakeholders / partners

= Connected
Placemaking &
Regeneration

North Glasgow Regeneration Timeline (To 2022)

Maryhill

Improvements to hard path up lock flight, the White House bar, graving dock.

The Whisky Bond

Spiers Lock North Glasgow. 7 floors of studios, offices, coworking and social spaces, a hive of creativity and productivity.

Spiers Wharf footbridge

Footbridge over the Forth and Clyde Canal at Spiers Wharf, to improve access for residents, visitors and businesses.

Neptune Steps

Red Bull Neptune Steps takes place for the first time at Maryhill Locks.

Speirs Wharf, Pinkston Water Sport

Scotland's first urban wakepark opens. Offering world class facilities for professional athletes, alongside community programmes.

The Loading Bay

Indoor skatepark, covering 30,000 square feet, bringing cutting-edge sports facilities to locals, enthusiasts and national elite athletes.

Stockingfield Bridge

A national active travel infrastructure project connecting three communities in North Glasgow. Completing the last linkage across the Forth & Clyde Canal creating a seamless coast to coast active travel route.

2001

2008

2010

2012

2014

2015

2017

2018

2019/20

2021

2022

Multiple locations

2001-2017

Upgrade of both soft & hard towpath. Over 110km of towpaths resurfaced, providing a traffic free active travel route for walkers, wheelers and cyclists to enjoy.

Phoenix Flowers

Clean up exercise of waterlogged passage under M8. Regeneration of territory for pedestrians and cyclists who use this vital connection between Speirs Locks and the city centre.

Spiers Lock

Landscape link upgrade, with creative campus facilities, public amenities and landscaping.

North Glasgow Trim Trail

Six workout stations, suitable for all abilities on a mile-long stretch of the canal in North Glasgow.

Glasgow Canal Festival

The city's first-ever canal festival launched attracting thousands to canal featuring live music, street food, crafts and activities – and the first ever Glasgow Canal Dragon Boat Race.

Glasgow Canals Co-op

A new community led co-op is established to unlock the potential of the canal to create a vibrant neighbourhood for people to live, work and visit.

Applecross Basin

A multi use path installed marking the start of the wider Claypits Project. Improvements also made to the surrounding landscape with new communal benches added.

Dundashill

Clearance begins on the site of a former distillery in North Glasgow for 600 high quality houses. The site benefits from energy efficient street lighting and an intelligent water management system - The Glasgow Smart Canal.

Smart Canal

Europe's first ever smart flood mitigation system that will accept surface water run-off, cutting 35,000 tonnes of carbon and unlocking 110 hectares of land for 3,000 new houses to be built in North Glasgow.

Claypits

Creation of a local nature reserve in the heart of Glasgow city, developed by working with local communities. An important green space to explore nature by boot or bike.

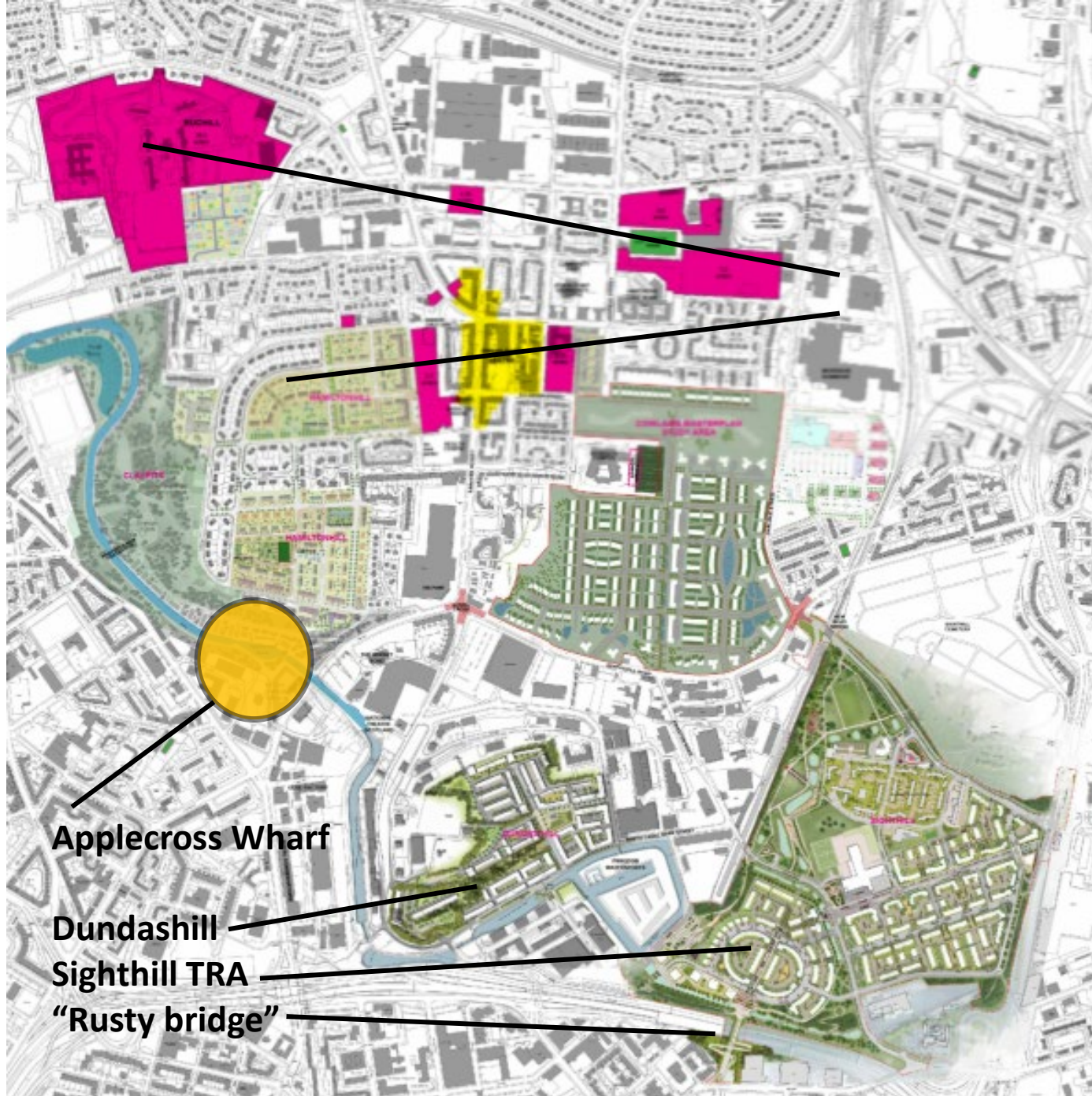
Glasgow Canal Project



Recent / ongoing development

£750m-plus investment program

- Planning consent has been granted for over 3,000 new homes and, following essential land remediation works, the developments will be delivered over the next 10 years.
- Each of them designed with high quality, environmentally friendly homes, attractive and safe open spaces, and provision and accessibility to a wide range of community facilities and services.
- They will provide a variety of housing types and cater to different tenures.



Smart Canal

Facilitating future development by addressing waste-water infrastructure

- Completed in 2020 at a cost of £17 million.
- Has been delivered via a partnership of Glasgow City Council, Scottish Canals and Scottish Water
- Dynamic modelling has unlocked 110 hectares across the north of the city for regeneration paving the way for more than 3,000 new homes over the next 10-15 years.



Winner, "Best Innovation/Demand Management Initiative", APSE Public Service Excellence Awards, 2021
Winner, "Sustainable Drainage and Flood Management", Water Industry Awards, 2021
Winner, "Greatest Contribution to Scotland Award", Scottish Civil Engineering Awards, 2020-2021.

The Claypits Local Nature Reserve and associated Projects

£8m Concurrently delivered packages:

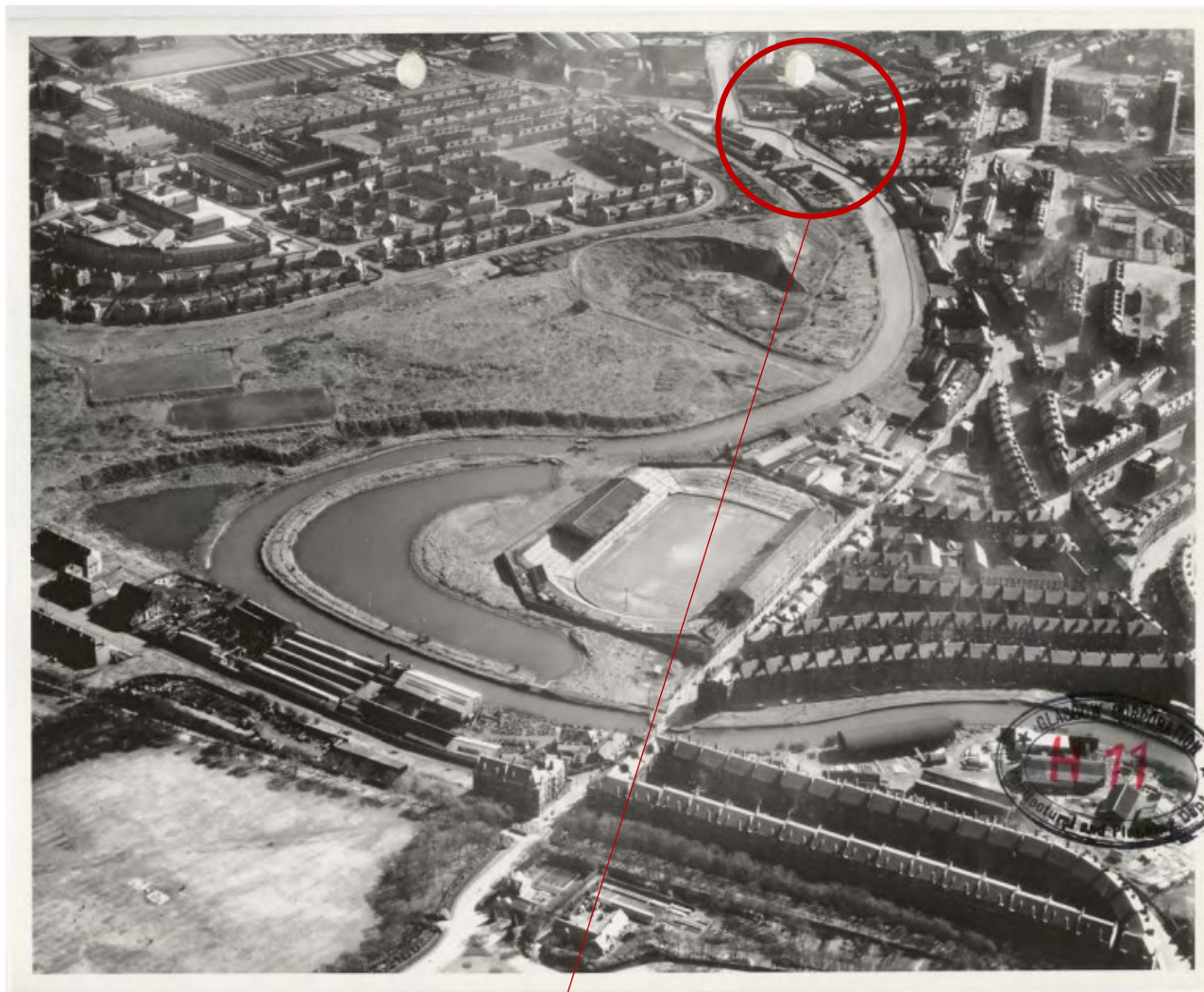
- Paths connecting communities. Access to and through Inner City Local Nature Reserve.
- Environmental stewardship
- Working with the community to deliver health, leisure and learning opportunities
- Remediation and services to derelict land in advance of development
- Living on Water and water-based uses to activate the area
- Art and Heritage enhancement
- SUDs scheme facilitating 600 homes
- Remediation of historic structures
- Construction of bridge structures, supporting active travel and connecting communities

Policy outcomes

10 Scottish Canals managed concurrent projects – delivering Scottish Government policy ambitions on :

- Low Carbon initiatives
- Inclusive Growth
- Improving economic resilience
- Improving societal resilience
- Tackling Poverty and inequality

All for the benefit of the peoples of Scotland – Delivering a quality environment to 13,000 households within a 10-minute walking distance of the site.



**Location of SITES A
and B**



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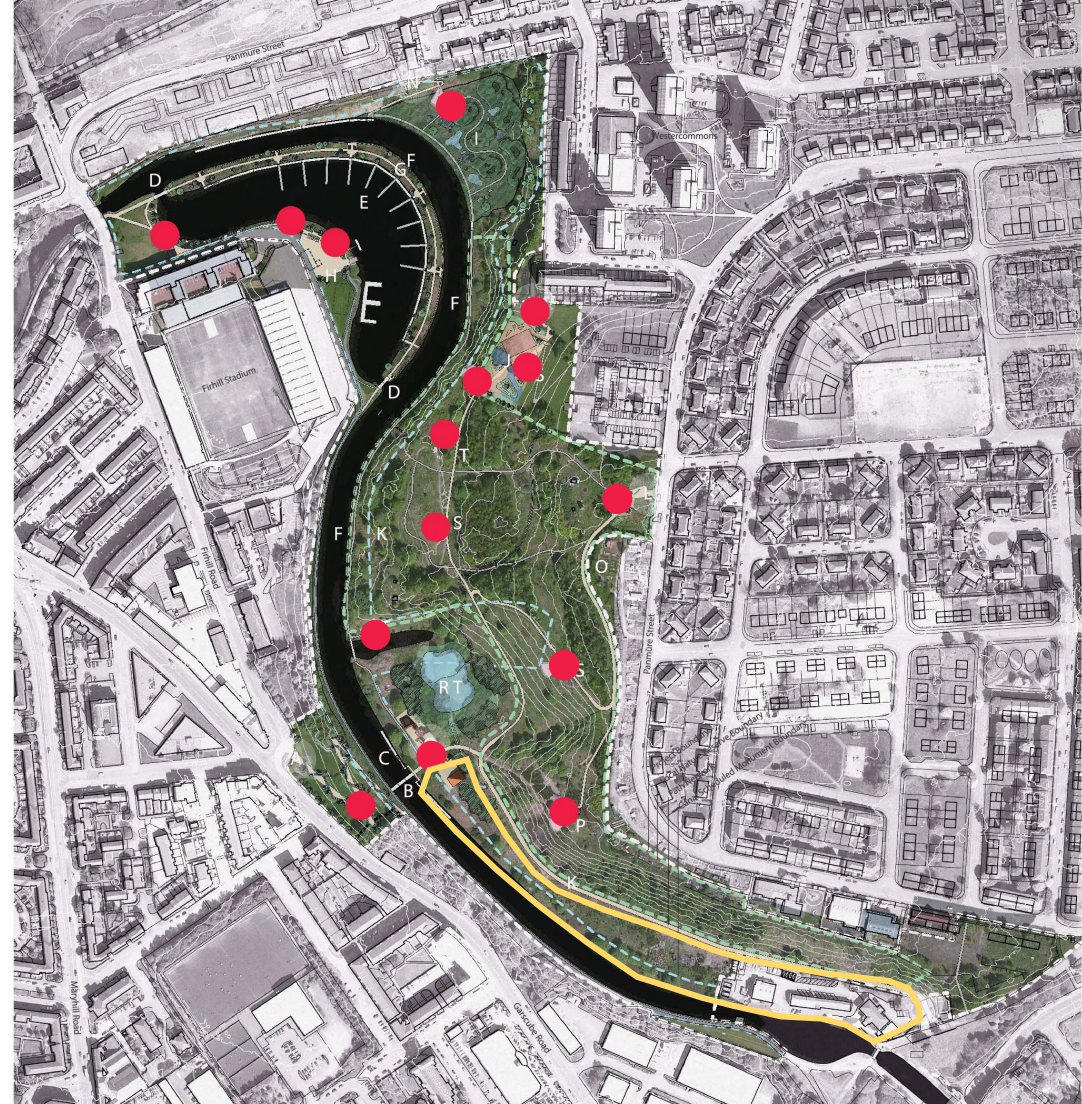
Claypits Masterplan – Path Infrastructure



Claypits Masterplan – Integrated SUDS



Claypits Masterplan – Activity Nodes



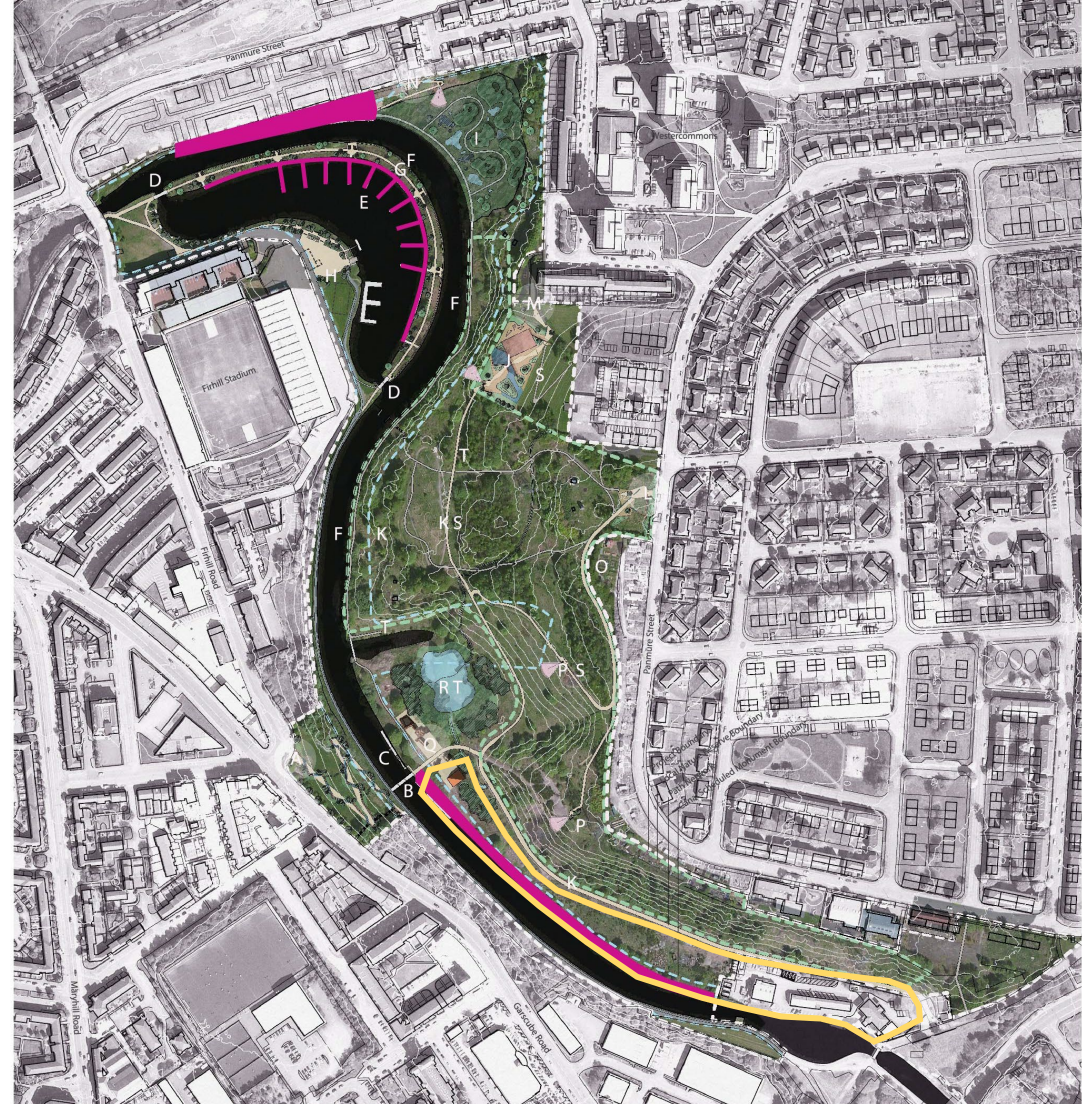
Claypits Masterplan – Garscube Bridge



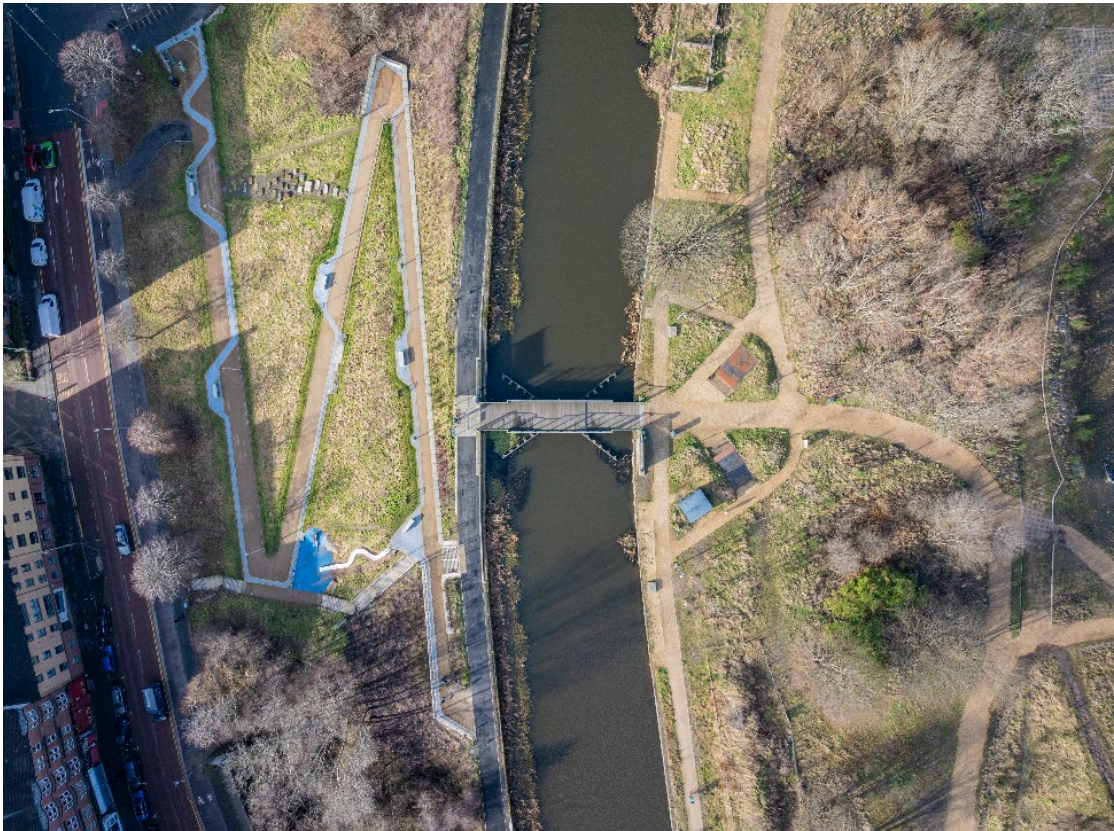
Claypits Masterplan - Gateways



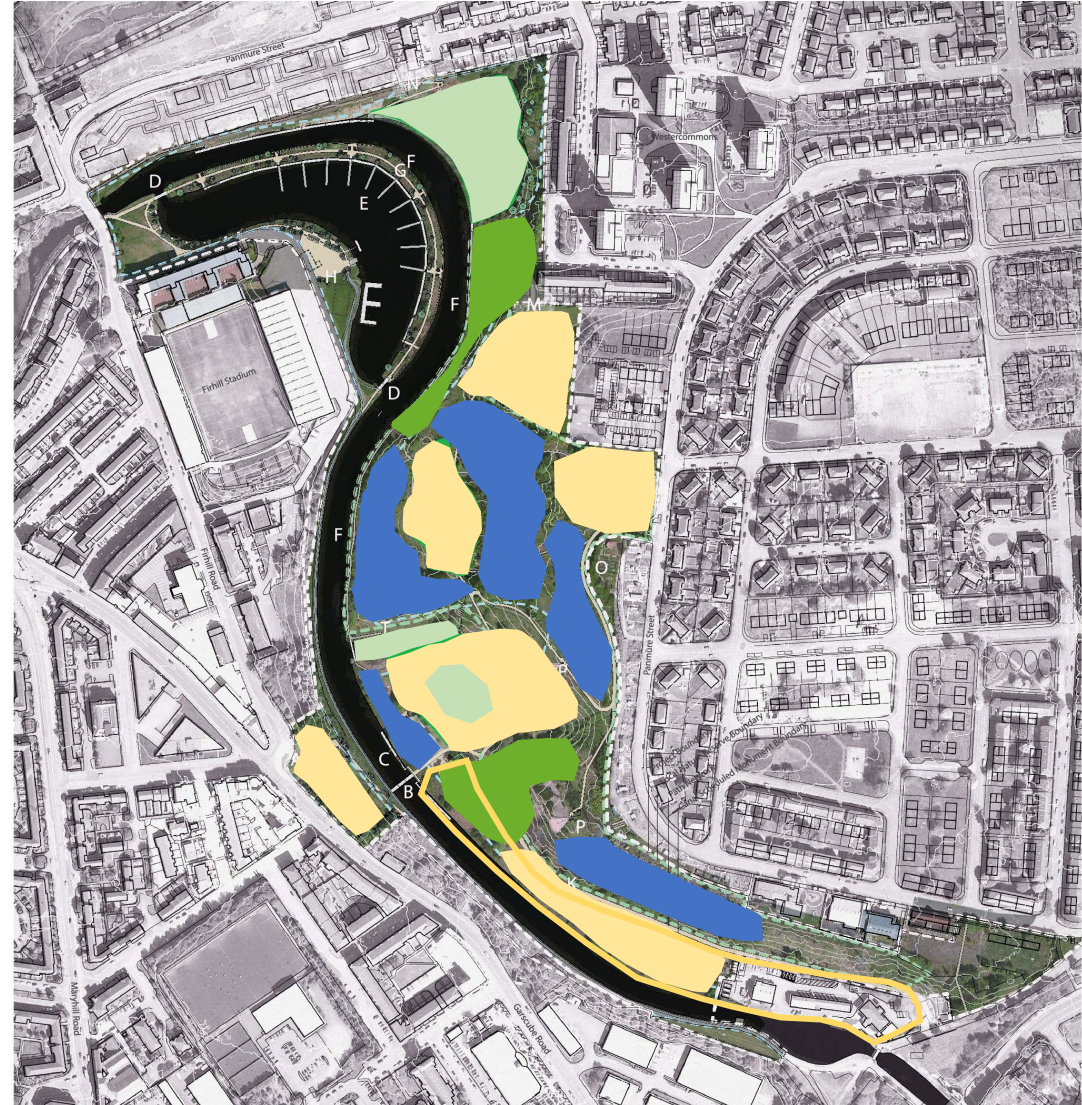
Claypits Masterplan – Living on Water



Claypits Masterplan – Garscube Link



Claypits Masterplan – Habitats & Remediation



Claypits Masterplan – Service Infrastructure & Heritage works



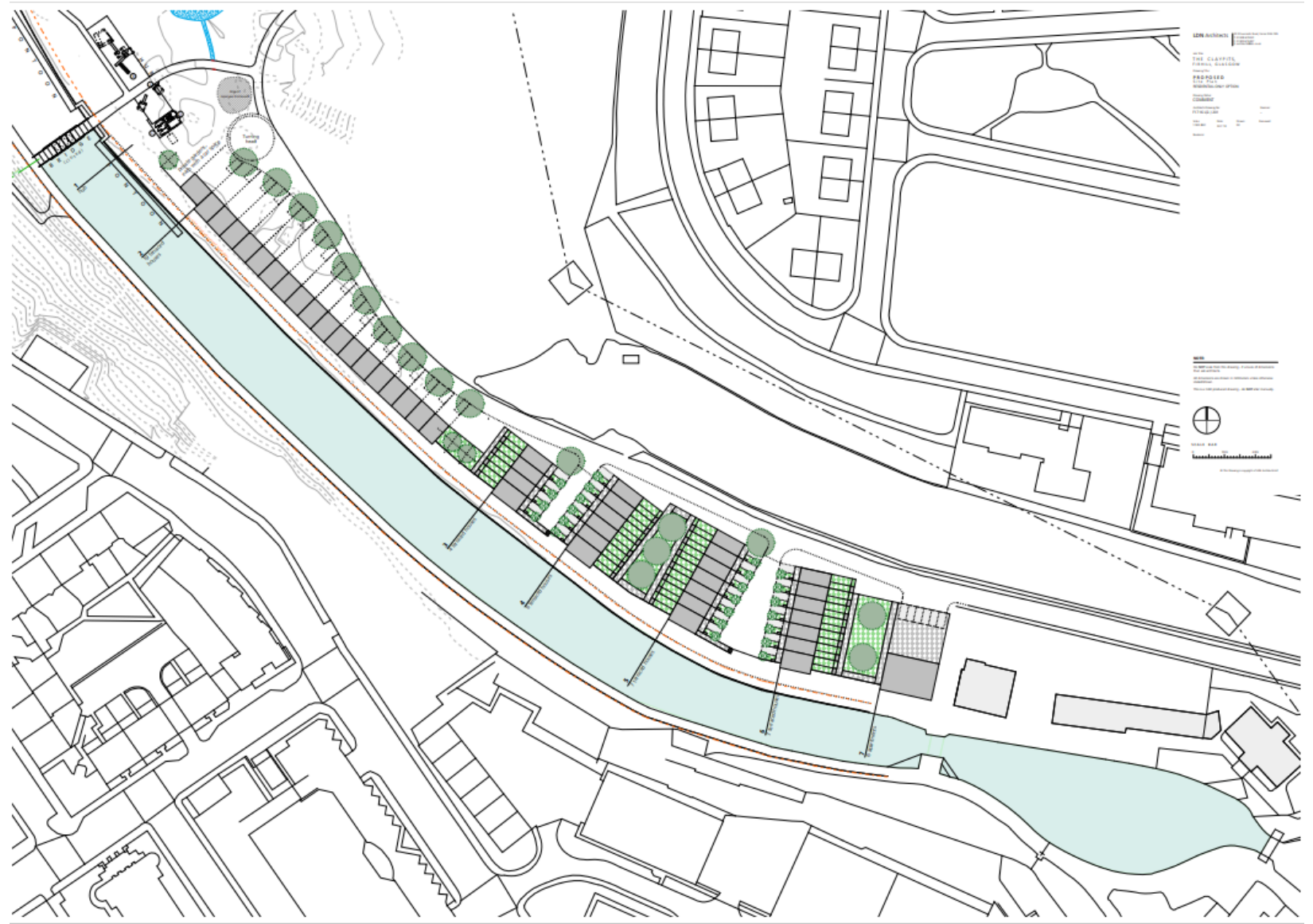
Claypits Masterplan – Art & Interpretation



Site A



safe and enticing place for people to live, work, play, visit and enjoy, for existing and new communities



Site B – city infrastructure



People Make Glasgow



Charette process

Commenced 2015, engaging the community, connecting communities.

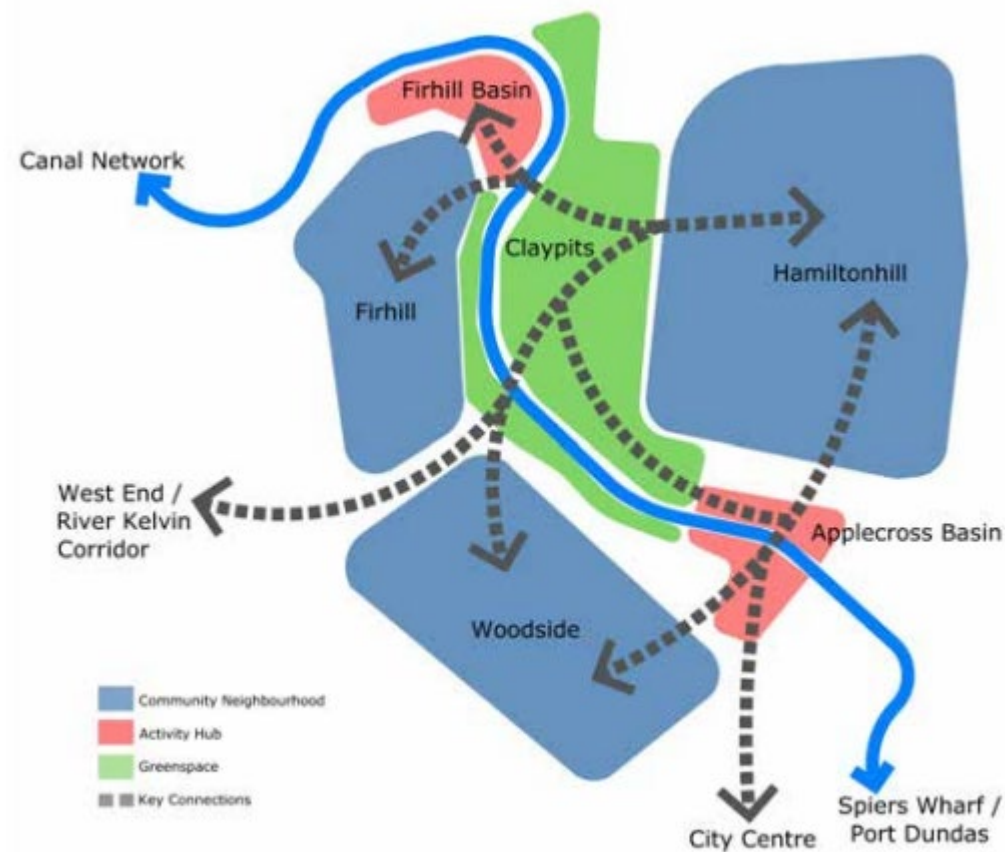


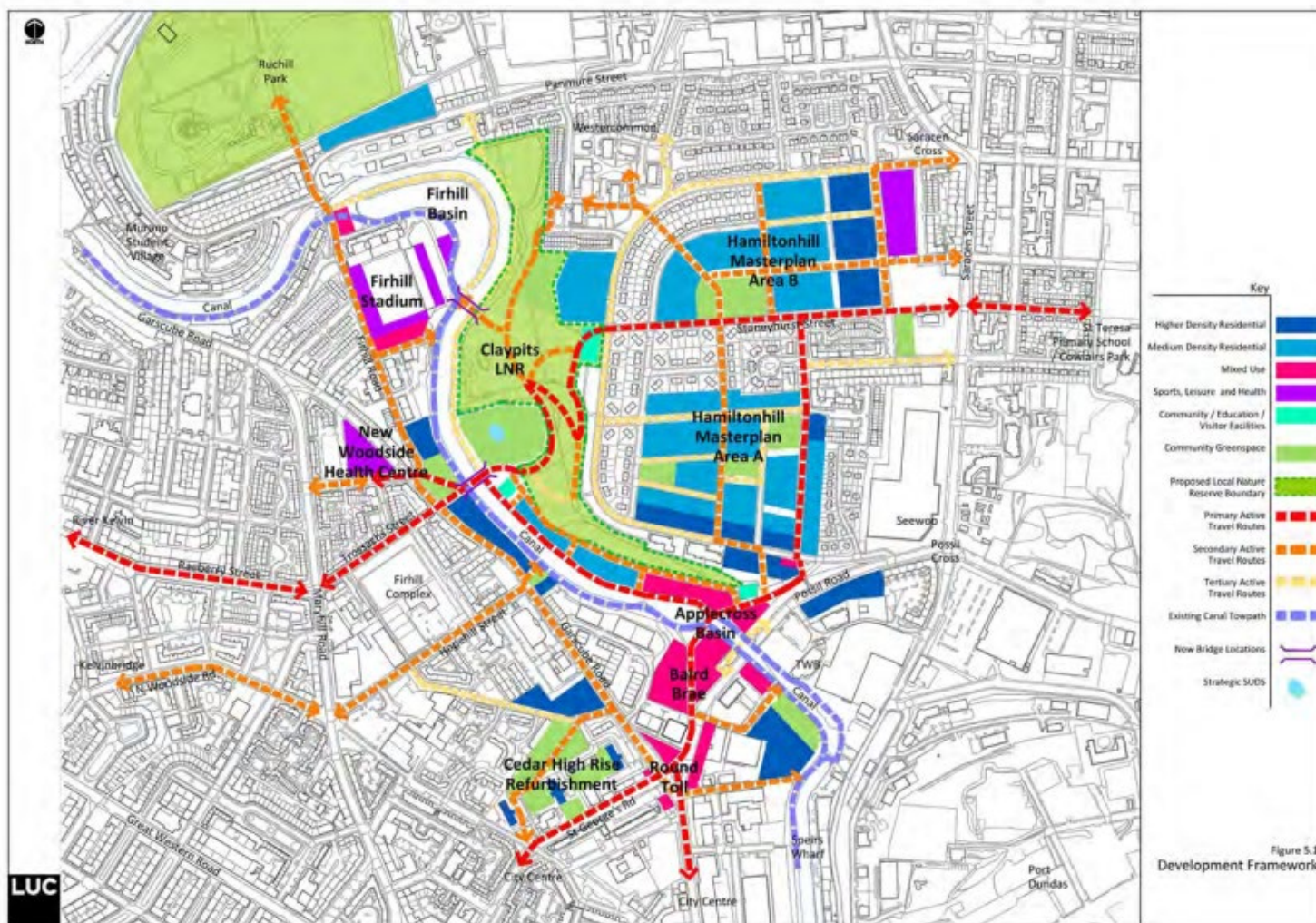
Figure 2.1 Concept Diagram



Connecting people, and creating green and blue corridors

Charrette Output Development Framework

LUC



Partick Thistle Bar | Firhill Stadium
28th June 2017 | 2-7pm

**the claypits nature reserve
community consultation meeting**

Please drop in and feedback on the latest plans in and around the Claypits. We look forward to seeing you there!

Health and wellbeing

Improving quality of life for local communities and making North Glasgow a more desirable place to live and work

**Improving Health and Wellbeing
by facilitating access to
meaningful greenspace and
encouraging activity**

**Improving connectivity and encouraging active
travel, contributing to 20min neighbourhoods**



Community participation and management

Community events, activity,
ongoing support and
engagement.

Supporting physical and
mental health

*“people living within 700m of
the newly regenerated Glasgow
Canal have a 15% lower risk of
suffering from cardiovascular
disease, a stroke or
hypertension. It also lowered
their risk of diabetes by 12%
and obesity by 10%.”*

www.claypitslnr.co.uk

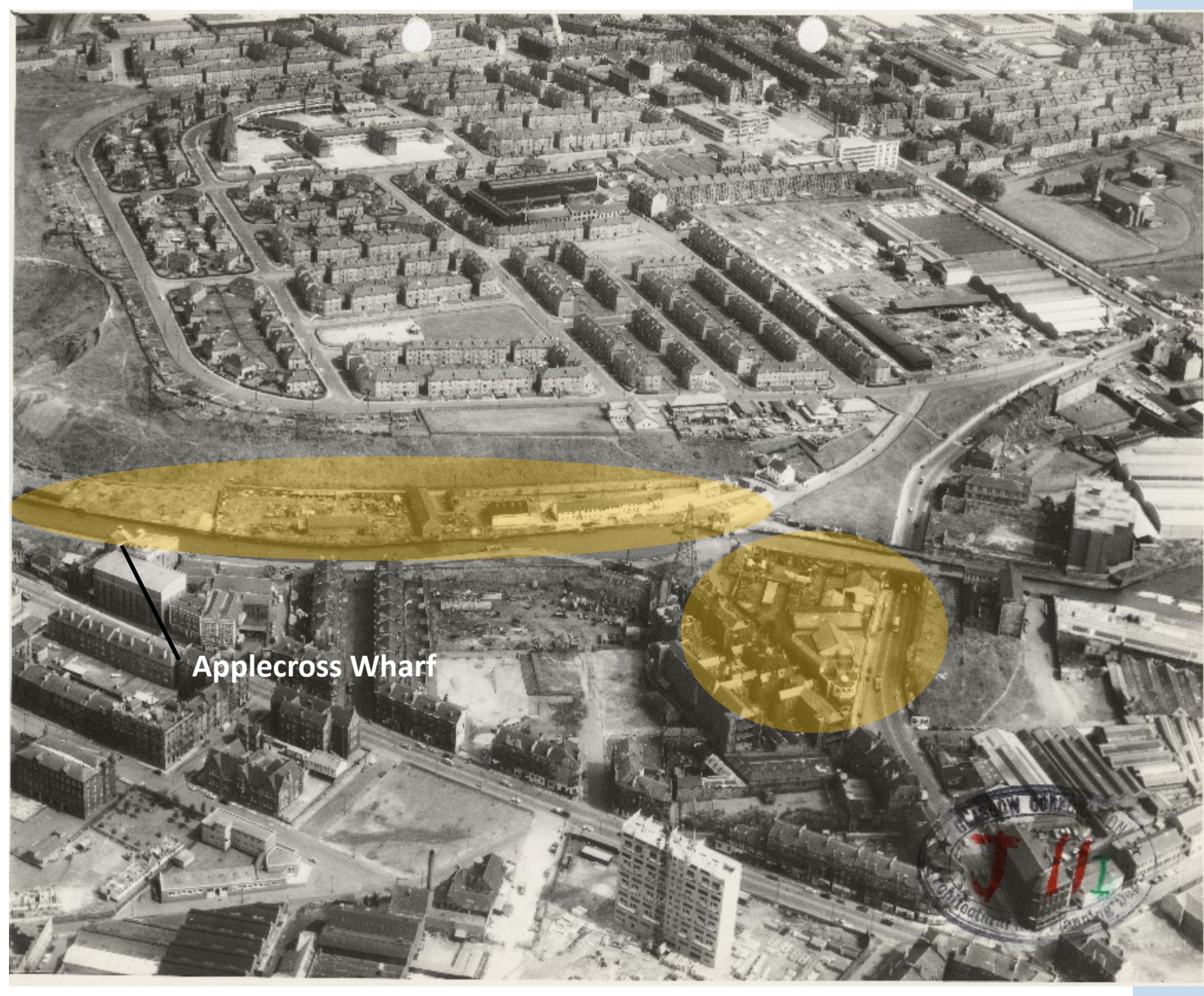
@claypitslnr



Heritage and Technical Information

See dropbox for detailed
information

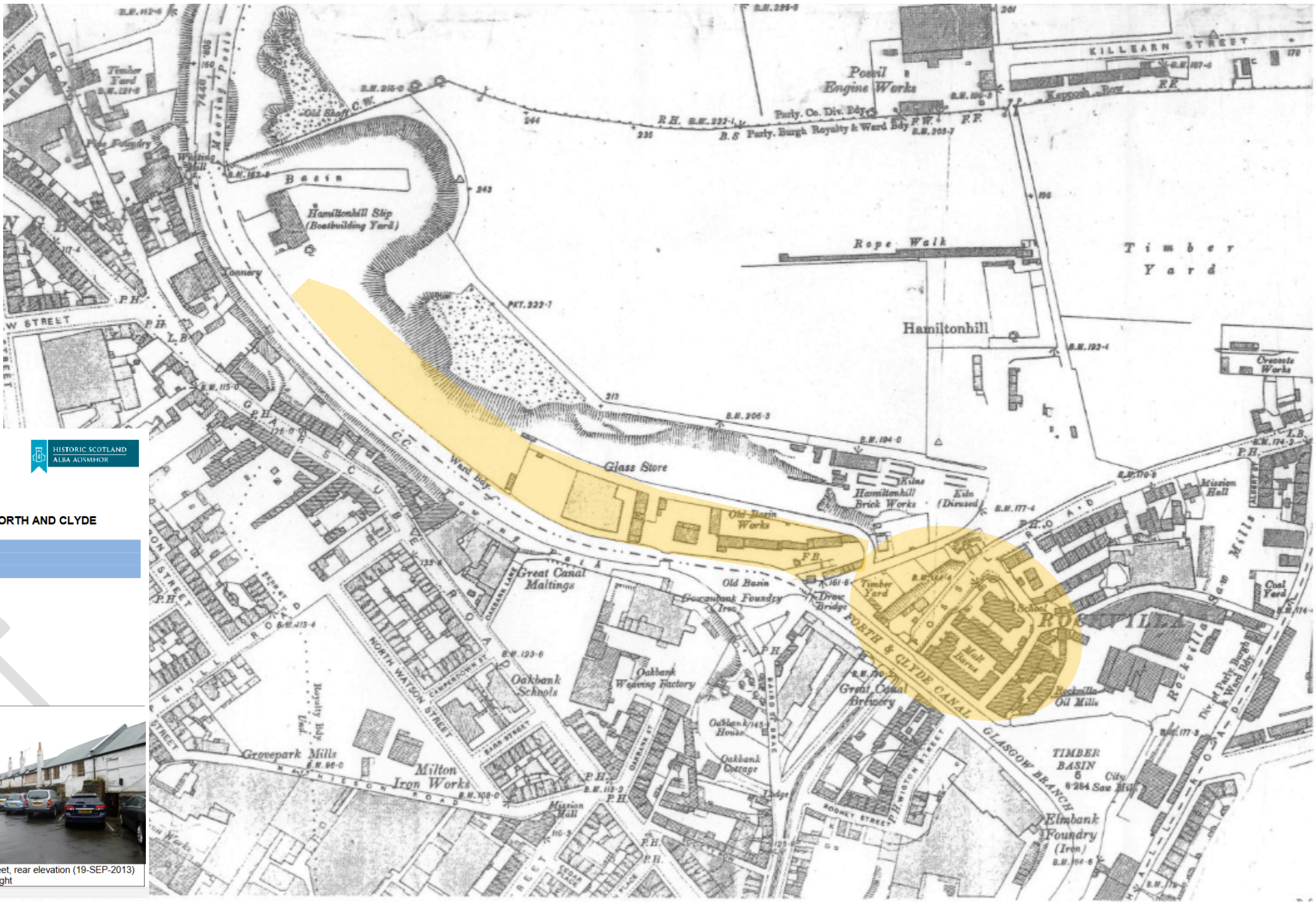
*Note: "all information
provided in good faith, not
intended to be contractually
or legally binding"*



Applecross Wharf

Built Heritage

Map of canal 1886



LISTED BUILDING RECORD

STATUTORY LIST
EAST BUILDING, FORMER CANAL WORKSHOPS, FORTH AND CLYDE
CANAL, APPLECROSS STREET, GLASGOW

Date of listing: 13-MAR-1997
Date(s) statutory list amended:

NON-STATUTORY INFORMATION
Reference number: HB44020
Category of listing: B
Postcode (if known): G4 9SP
National grid reference: NS 58599 67201
Council: Glasgow City Council
Burgh or parish: Glasgow Burgh
Date(s) non-statutory information amended: n/a



Applecross Street Workshops, Canal side elevation (19-SEP-2013) © Crown copyright

Applecross Street, rear elevation (19-SEP-2013) © Crown copyright

Heritage Impact Assessment 2017

LUC

www.landuse.co.uk

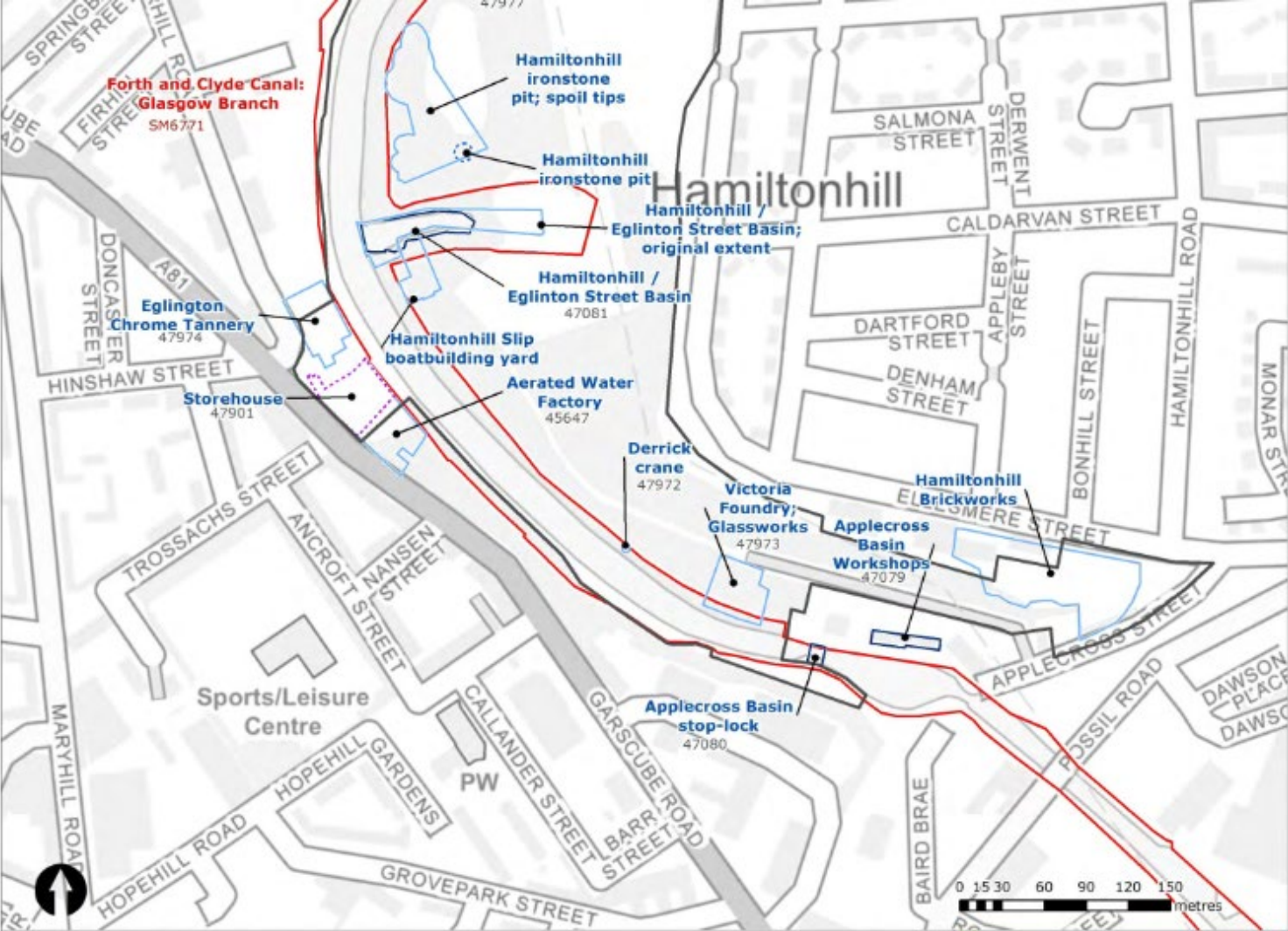
Claypits green infrastructure

Heritage Impact Assessment

Prepared by LUC
November 2017

Statement of National Importance

The monument is of national importance because, as an integral part of the Forth and Clyde Canal, it is a superlative example of Georgian civil engineering. The canal was the first of Scotland's great inland waterways to be constructed (between 1768 and 1791) and at the time was known as the 'The Great Canal', a recognition of its national importance even then. The Glasgow Branch is an important element in the canal's overall design and is associated with two very notable civil engineers ' John Smeaton, who was responsible for the original section from Stockingfield Junction to Hamiltonhill Basin, and Robert Whitworth, who completed the branch to Port Dundas.



Site boundary



Scheduled Monuments



Non-designated asset extents

Confidence



Certain: OS MasterMap



High: Transcribed from OS



High: Transcribed from historic OS



Medium: approximate extent from historic OS



Medium: positioned from photography

Label key

SM name

Designation ref.

Asset names as discussed in HIA

WoSAS asset ID ('WoSASPIN')

Asset extents transcribed from modern or historic OS mapping where possible, and attached to WoSAS and HES Canmore asset data where relevant.

Claypits Green Infrastructure

Heritage assets within the study area

Note:
Canal walls and towpath not depicted separately from Scheduled area.

LUC

Source: LUC; OS; Historic Environment Scotland; West of Scotland Archaeology Service (WoSAS)

Map Scale @A3: 1:3,500



Legend

-  Site Boundaries
-  Multi access requirements
-  Scottish Water SUDS Maintenance access requirement - for more information relating to the As Built SUDS Infrastructure please refer to Folder 4.5 SUDS and AECOM As Built drawing package 'Hamiltonhill SUDS drawings' and AECOM document 'Hamiltonhill Claypits SUDS - OM Plan'.
-  Scottish Canals Garscube Bridge maintenance access requirement - For more information relating to the location of the Garscube Bridge please refer to folder 1.4 Existing infrastructure locations on site including site drainage and LUC As Built drawing package.
-  Scottish Canals / canalside mooring access requirement - For more information relating to the location of the canalside mooring please refer to folder 1.4 Existing infrastructure locations on site including site drainage and LUC As Built drawing package. For more information relating to hte services installed please refer to the same folder and the FES As Built drawings 50400-E-011 and 50400-W-002
-  Scottish Power Energy Networks Substation access requirement - For more information relating to the location of the substation please refer to folder 1.4.4 Existing infrastructure locations on site including site drainage and LUC drawing 061
-  Scottish Power Pylon Line and estimated wayleave corridor

P01 02.02.24 First Issue HF DMc DMc
Rev Date Description Dm Chk App
Scale 1:2500
0 20 40 60 80 100 120m
Do not scale from this drawing
All dimensions are to be verified on site
© Drawing & design copyright LUC

		www.landuse.co.uk	
Project C40 Funding			
Client Scottish Canals			
LUC Job Nr	Scale @A3	Status	
12758	1:2500	S0	
Drawing Title Access and Easements			
Drawing Nr 12758-LUC-XX-XX-DR-L-003		Rev P01	



Access requirements & Easements



Legend



Site Boundaries



Approximate route of electricity cables, water supply and comms ducts - For more information relating to the service infrastructure please refer to 1.4 Existing infrastructure locations on site including site drainage and LUC As Built Drawing package



Approximate route of drainage - For more information relating to the services installed please refer to above folder and the Narrow As Built drawing 17.0346-DR-721 and associated sketch 28-09-19 - Proposed drainage route mark up (UPDATED)



Approximate route of 'Southern Conveyance' SUDS pipe - For more information relating to the AS Built SUDS infrastructure please refer to Folder 4.5 SUDs and AECOM As Built drawing package 'Hamiltonhill SUDs' and AECOM document 'Hamiltonhill Claypits SUDs - OM Plan'.

P01 02.02.24 First Issue JHF DMC DMC

Rev	Date	Description	Drn	Chk	App
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Scale 1:2500

0 20 40 60 80 100 120m



Do not scale from this drawing
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Project
C40 Funding

Client
Scottish Canals

LUC Job Nr	Scale	BA3	Status
12758	1:2500		S0

Drawing Title
Services and Drainage

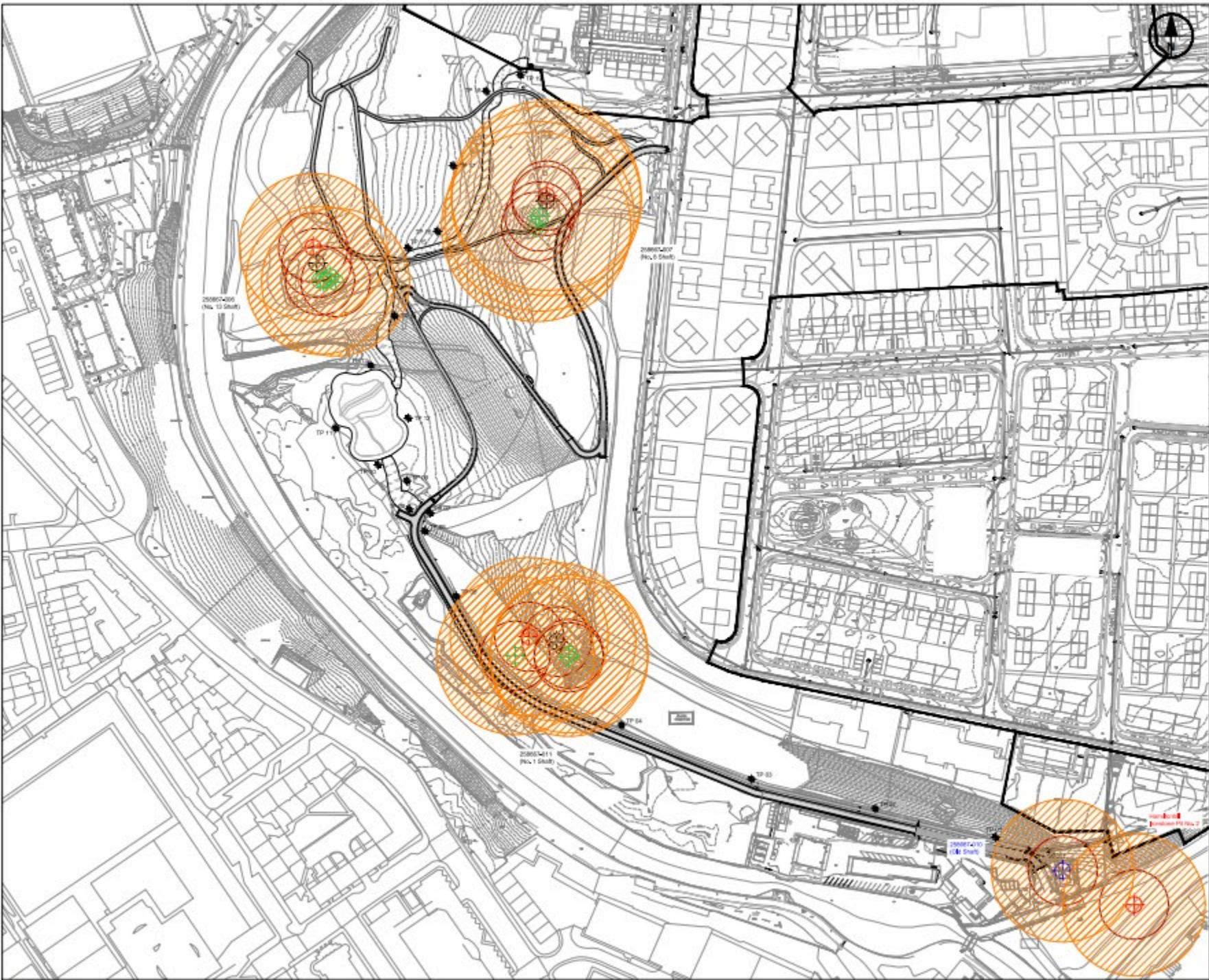
Drawing Nr
12758-LUC-XX-XX-DR-L-004

Rev
P01



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Services conveyances



ALCOM

PROJECT

Hamiltonhill
Surface Water
Drainage Strategy
Stage 2 Design
Glasgow

CLIENT

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www.alcom.com

NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
3. ALL LEVELS METERS ABOVE DATUM
4. DRAWINGS NOT FOR CONSTRUCTION
5. BC201 = SOUTH CONVEYANCE MANHOLE
6. TRAIL PIT LOCATIONS ARE INDICATIVE ONLY. FINAL POSITIONS TO BE AGREED ON SITE
7. THE AREAS NOTED LOCATIONS AND APPROXIMATE ZONES OF INFLUENCE ARE BASED ON A PRELIMINARY ASSESSMENT AND ARE FOR INFORMATION ONLY AND FURTHER REFINEMENT IS REQUIRED
8. THE INFORMATION DETAILED SHOULD BE READ IN CONJUNCTION WITH THE TECHNICAL NOTE AND GROUND INVESTIGATION REPORTS AVAILABLE FOR THE SITES

KEY

- 3 PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE WATER PIPELINE
- TP 001 TRAIL PIT (MACHINE EXCAVATED)
- APPROX ZONE OF INFLUENCE AROUND MINE SHAFT
- ✕ COAL AUTHORITY MINE SHAFT POSITIONS - DATA RECEIVED 25 MAY 2018



ISSUE/REVISION

NO	DATE	DESCRIPTION
1	2018-05-31	INITIAL ISSUE
2	2018-06-01	REVISION

PROJECT NUMBER

80430169

DRAWING TITLE

HAMILTONHILL NATURE RESERVE
SURFACE WATER DRAINAGE
N & S CONVEYANCE
GROUND INVESTIGATION

DRAWING NUMBER

80430169-SHT-20-G2Q1-S-0001



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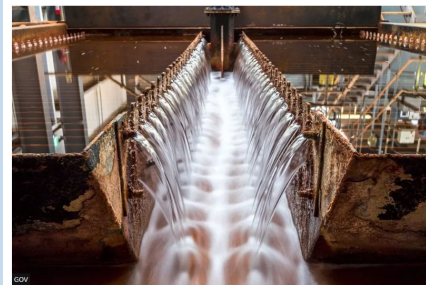
Mine workings

Recommendation
rotary bore holes
prior to
development

?

Homes to be heated by warm water
from flooded mines

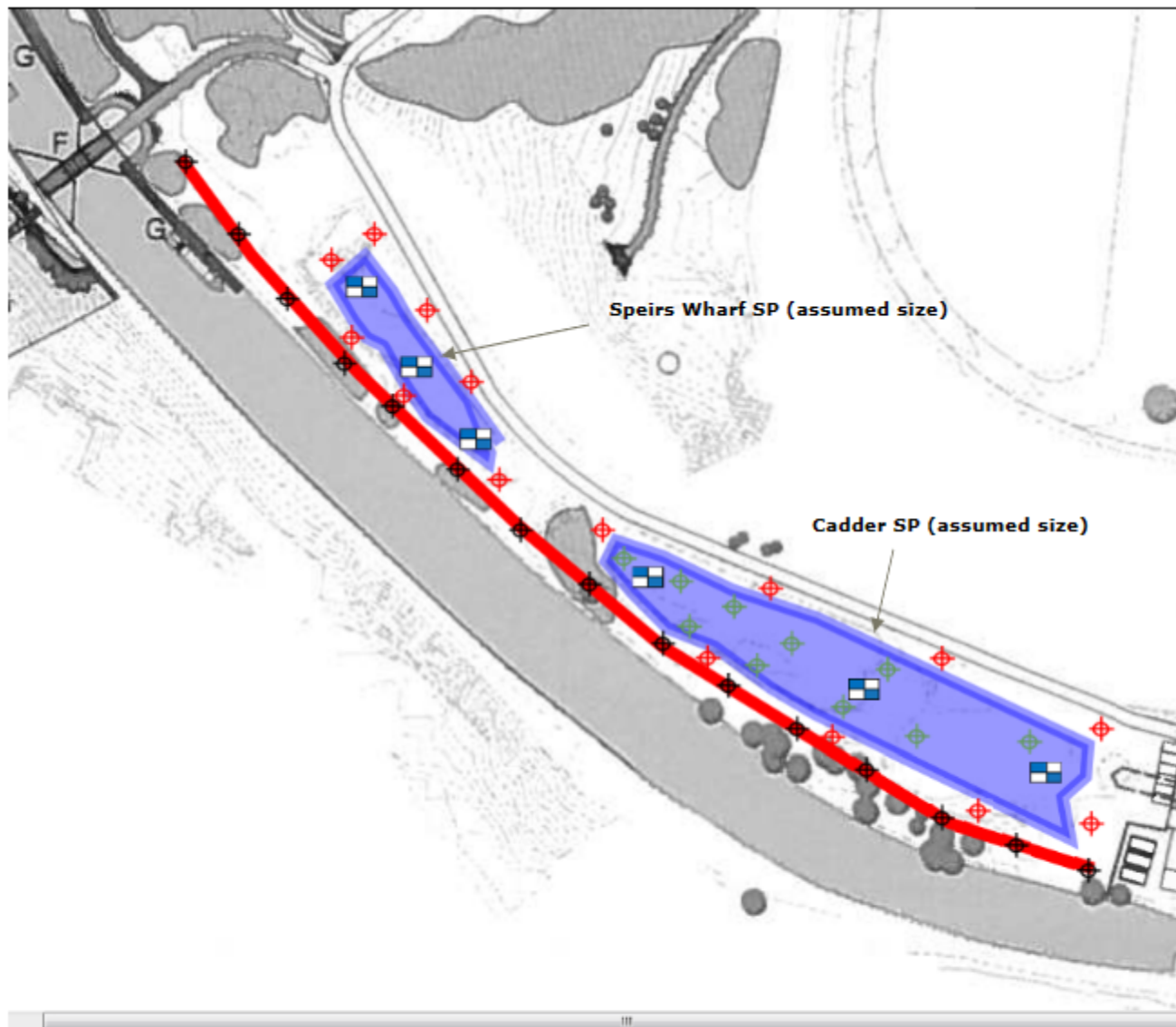
© 9 June 2020



Water from Dawdon mine will be used to heat a garden village in County Durham

Site investigations

Various inc Ramboll reports



KEY

-  **Bund samples** – collected from the bund wall around each stockpile.
-  **Base of dredgings samples** – collected using an excavator (access permitting) at 0.1m, 0.5m and 1.0m (per SP) below original ground level.
-  **Cadder samples** – collected from near to base as possible using hand digging tools.
-  **trench samples** – approx. trench length 310m. 1 soil sample every 20m along the route. Samples taken at 0.1m, 0.5m and 1.2m below ground level and at least 3 samples per material type.

RAMBOLL

1 Broad Gate, Leeds, LS1 8EQ
leeds@ramboll.co.uk
T: 0113 204 2880

Project: Scottish Canals – Canal Side

Title: Proposed sample location plan for the Canal Side works

Status:

Description:

Date: Jan 19

Scale: NTS

Date: Jan 19

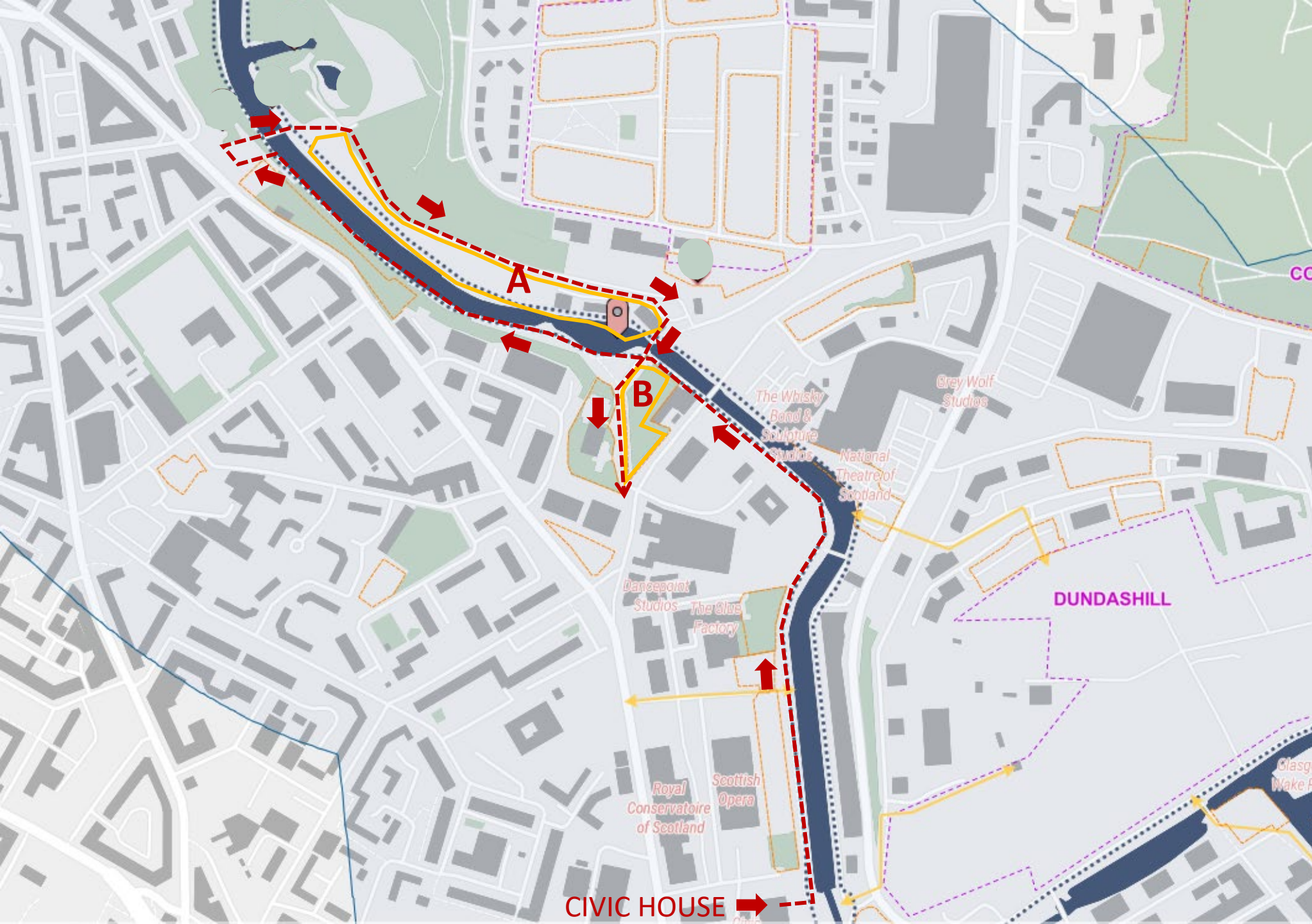
Drawn: RR

Checked:

Drawing No: 1620006008/E/RR/001

Rev: 01

Site Walk-
round
Route
commencing
Civic House
14.50 – 16.00





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Question and Answers

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Networking

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Site Walk-
round
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