

# Binns Bridge Part 8 – Royal Canal Greenway Phase 3

## Part 8 Application Briefing to Central Area Committee – 9<sup>th</sup> May 2023

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# Binns Bridge (Part 8) – Royal Canal Greenway Phase 3: Presentation Outline

- 1) Scheme Overview
- 2) Planning History
- 3) Existing Conditions
- 4) Design Constraints
- 5) Proposals
- 6) Visualisations



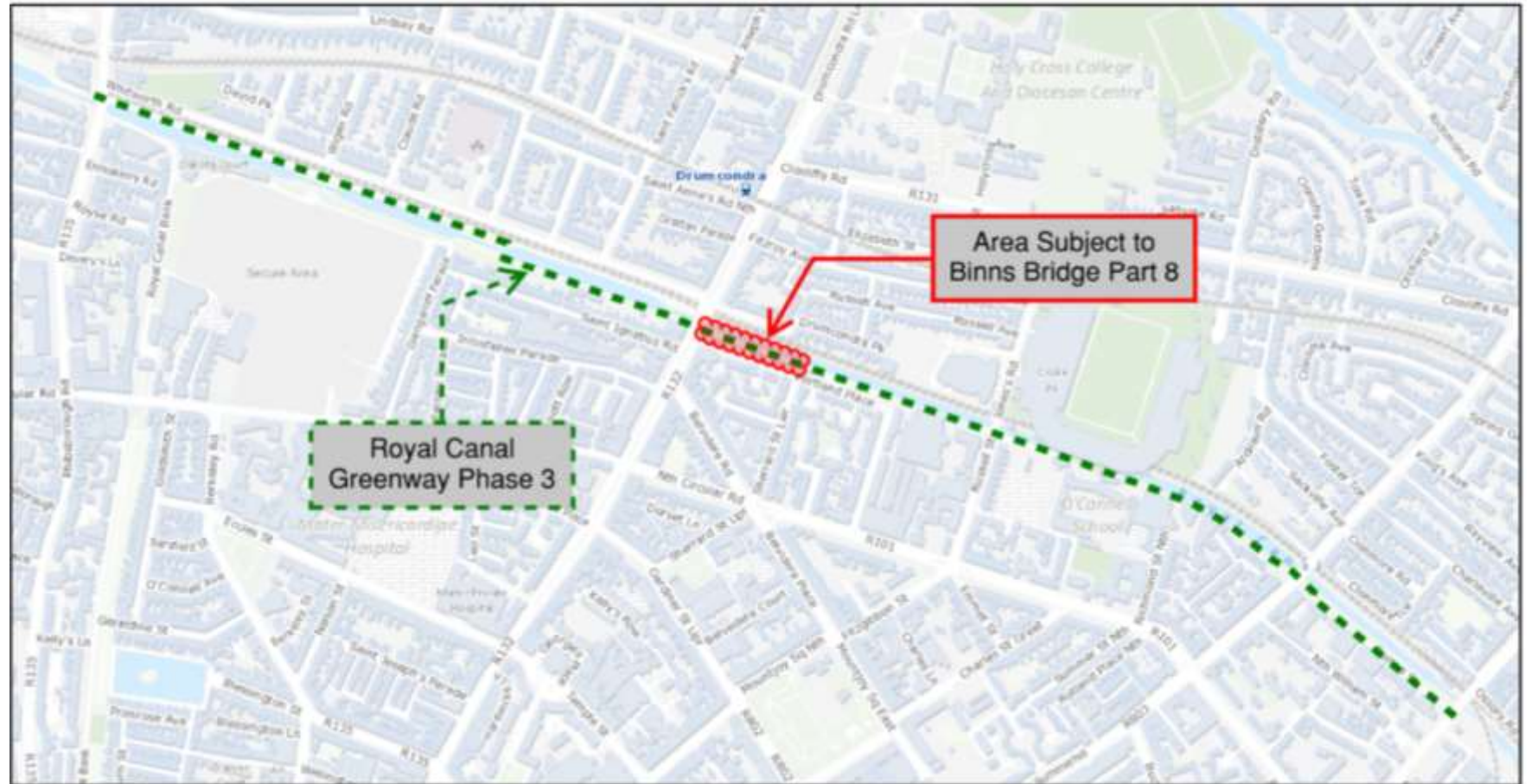
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# Binns Bridge – Royal Canal Greenway Phase 3: Scheme Overview

Location:



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# Binns Bridge (Part 8) – Royal Canal Greenway Phase 3: Planning History

## 2015 Part 8 Approval – Planning Ref. 2870/15

- Approval obtained for Phases 2, 3 & 4 simultaneously
- Royal Canal Phase 3 Scheme currently on site.

Main Scheme Objective:

To reduce the steep gradient on the tow path approaching Dorset Street from 10% to 5% as stipulated in the National Cycle Manual

## Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Existing Conditions



Existing Site Layout showing tow path, adjacent apartments & jetty.



Existing site layout showing steep Tow Path  
Gradient to Dorset St. 2<sup>nd</sup> Lock & Binns Bridge.



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## Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Existing Conditions



Existing Site Layout showing 2<sup>nd</sup> Lock Access Controls

Existing Site Layout Showing Binns Bridge and 2<sup>nd</sup> Lock



## Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Site Constraints



- Proximity of Binns Bridge which is a Protected Structure
- Immediately adjacent Royal Canal, a pNHA
- Proximity of the 2<sup>nd</sup> Lock
- Underground Gas Installation
- Existing apartment blocks bordering the tow path
- A jetty alongside the towpath

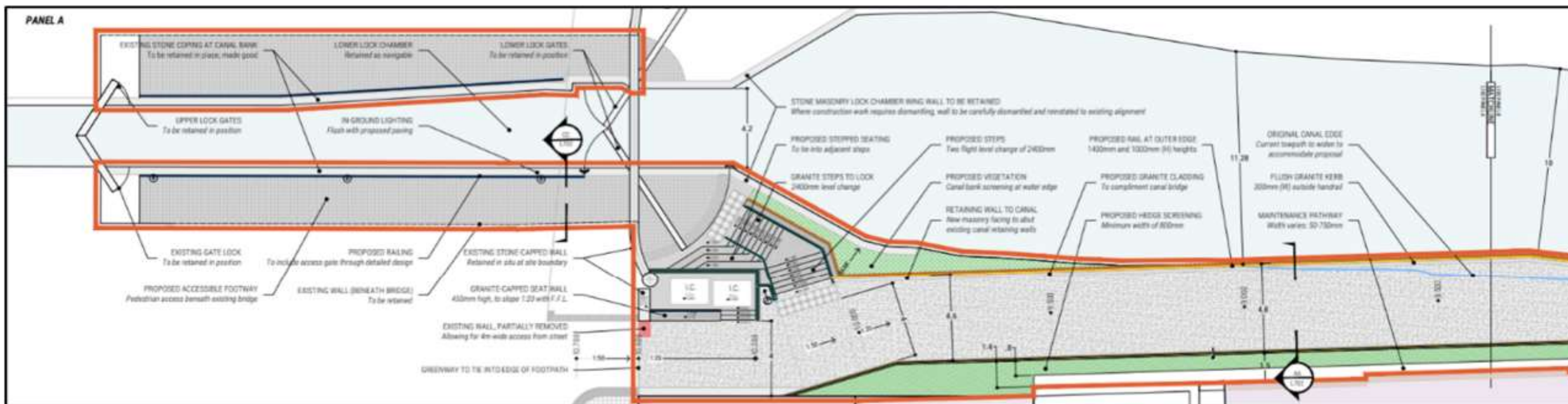


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## Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Proposals

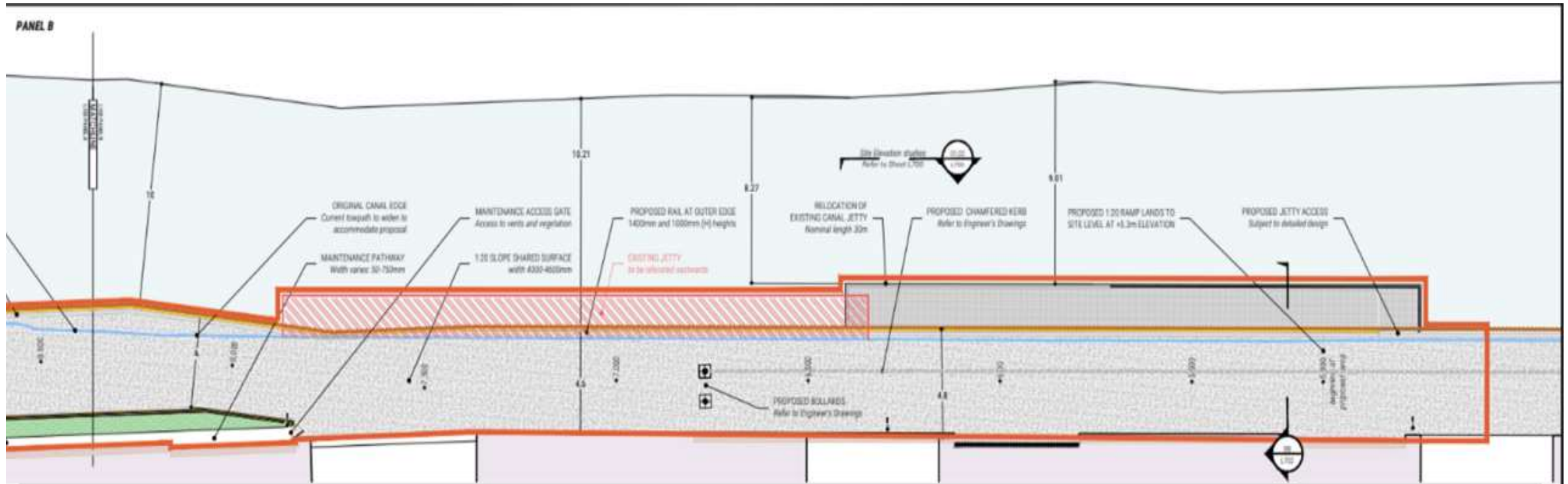


- Provide a longer shared ramp connecting the Greenway to Dorset Street.
- Improve gradients to the maximum permitted 5%. (National Cycle Manual)
- Narrowing the canal channel but maintaining the required 10m for Navigation.
- Improvements to the Public Realm at Binns Bridge.
- Provision of soft landscaping, which will provide improved screening for local properties.





# Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Proposals



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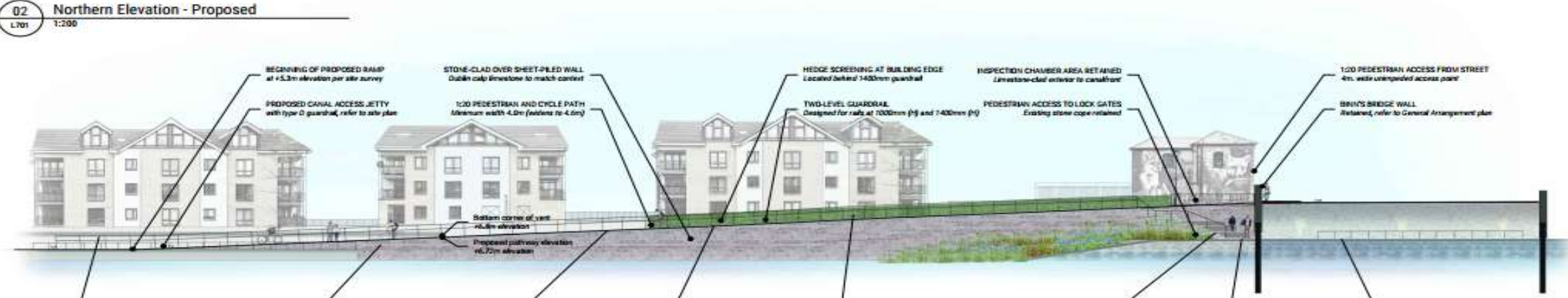


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# Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Proposed Elevation



**01 Northern Elevation - Existing**  
L701 1:200



**02 Northern Elevation - Proposed**  
L701 1:200

- BEGINNING OF PROPOSED RAMP at +5.3m elevation per site survey
- PROPOSED CANAL ACCESS JETTY with type D guardrail, refer to site plan
- STONE-CLAD OVER SHEET-PILED WALL Dublin calp limestone to match context
- 1:20 PEDESTRIAN AND CYCLE PATH Minimum width 4.0m (widens to 4.6m)
- Bottom corner of view +6.6m elevation Proposed pathway elevation +6.7m elevation
- HEDGE SCREENING AT BUILDING EDGE Located behind 1400mm guardrail
- TWO-LEVEL GUARDRAIL Designed for rails at 1000mm (H) and 1400mm (H)
- INSPECTION CHAMBER AREA RETAINED Limestone-clad exterior to canalfront
- PEDESTRIAN ACCESS TO LOCK GATES Existing stone cope retained
- 1:20 PEDESTRIAN ACCESS FROM STREET 4m wide unimpeded access point
- BRINN'S BRIDGE WALL Retained, refer to General Arrangement plan

1400mm (H) FEATURE RAIL AT EDGE with secondary handrail 1000mm (H)

DUBLIN CALP LIMESTONE CLADDING with masonry to proposed pile wall

300mm (W) GRANITE FLUSH KERB on north (canal side) of path

200mm (W) GRANITE DROP KERS on south (building side) of path

800mm (H) HORNBEAM HEDGE Year-long vegetative screen

GRANITE STEPS AND SEATWALL two flights, 2400mm level change

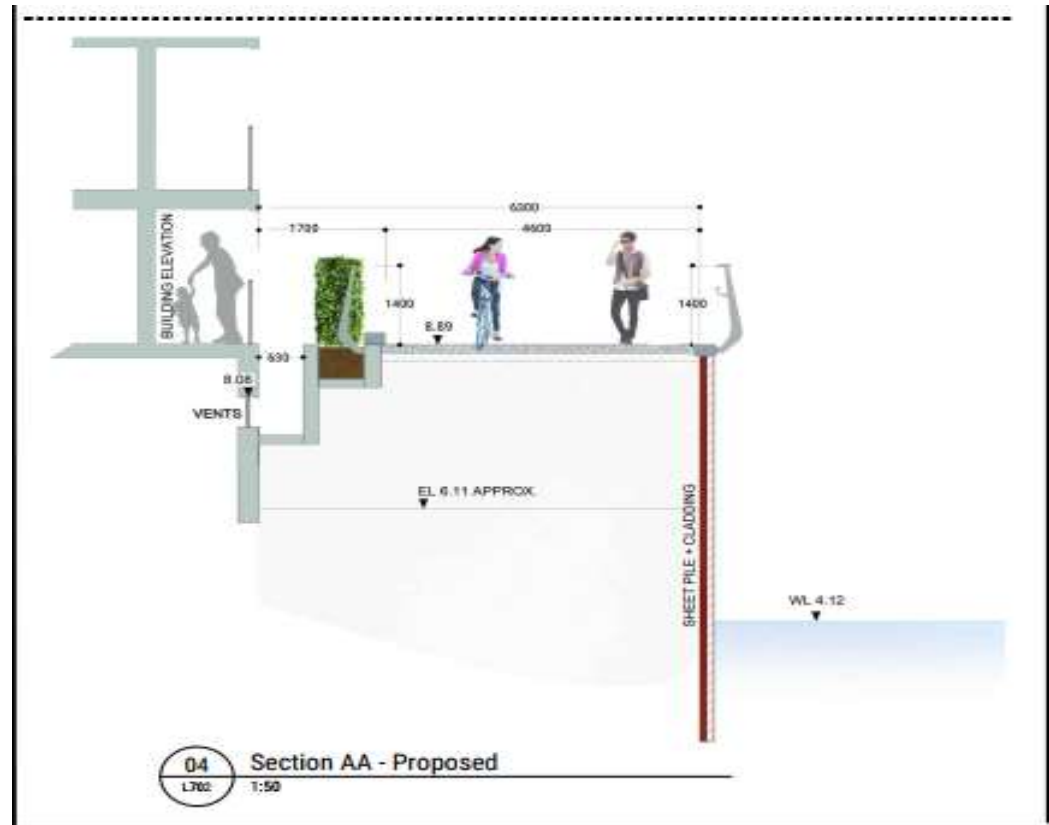
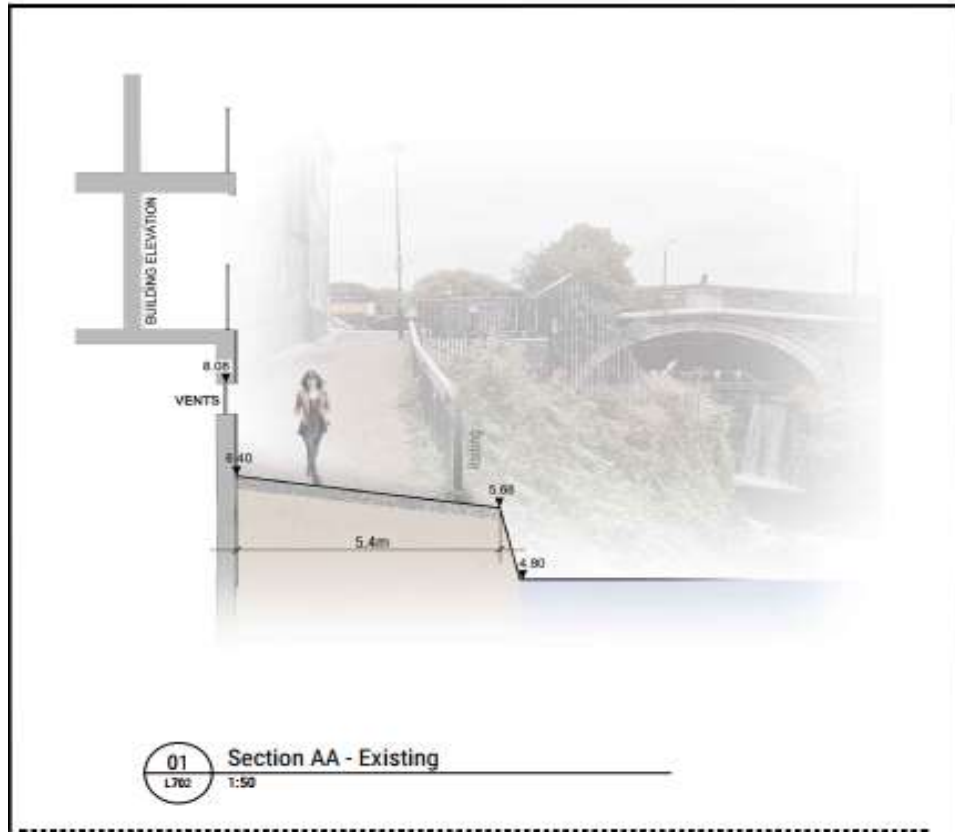
CORBLE SETTS AT LOCK GATES gridded 100mm granite setts

IN-GROUND LIGHTING 2 nos. across space under Binns bridge



<p>the paul hogarth company</p> <p>LANDSCAPE ARCHITECTURE / URBAN DESIGN / PLANNING</p> <p>118-120 GRAFTON STREET, DUBLIN 2, IRELAND</p> <p>01 454 7777   www.paulhogarth.com</p>			
client	DUBLIN CITY COUNCIL	date	16-05-23
project	BRINN'S BRIDGE, ROYAL CANAL	author	BD
stage	SITE ELEVATIONS - EXISTING AND PROPOSED	date	24-02-23
discipline	PLANNING	checked	BD
drawn by	LY01	scale	1:200
checked by	PE3	date	16-04-23

# Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Proposed Cross Sections



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## Binns Bridge (Part 8) – Royal Canal Greenway Phase 3 : Visualisations

Proposed View from Greenway on Approach to Binns Bridge & 2<sup>nd</sup> Lock



Proposed View from Binns Bridge along the Greenway



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# Thank You for Listening!

## Questions

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