



We Want to Hear from You!

Please take the time to review the information on these boards. There is a survey at <http://www.yourvoice.westyorks-ca.gov.uk/KilnhurstWeir> where we would love to hear from you. Alternatively, you can scan the QR code to provide your feedback.



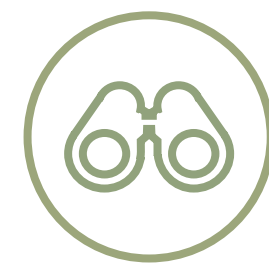
OUR VISION

is to provide an upgraded accessible towpath across Kilnhurst Weir, to celebrate the historical significance of the weir and improve the active travel infrastructure of the Rochdale Canal.



Design & Access

- Make the environment **inclusive to all users**.
- Allow the Canal & River Trust to keep the space **clean, clear and easier to repair**.
- Provide a minimum **1.5m width useable space**.
- **Repair path and weir** where necessary to alleviate any safety issues.
- Protect and enhance existing **biodiversity**.



Leisure Attraction

- Encourage more people to visit and enjoy the **Rochdale Canal**.
- **Make the towpath attractive** for all users.



Heritage

- Promote and protect the **historical character and appearance** of the weir and towpath
- Must be **reversible** i.e., it could be removed, and the heritage remains untouched and in the same condition.
- Preserve masonry features as a visual asset and provide the weir with **an identity and recognition** both bridges and locks receive along the canal networks.

Benefits



Guided Active Routes:
Creating a journey along the Rochdale Canal



Accessibility:
Improving access to, from and along the towpath for all ages and abilities

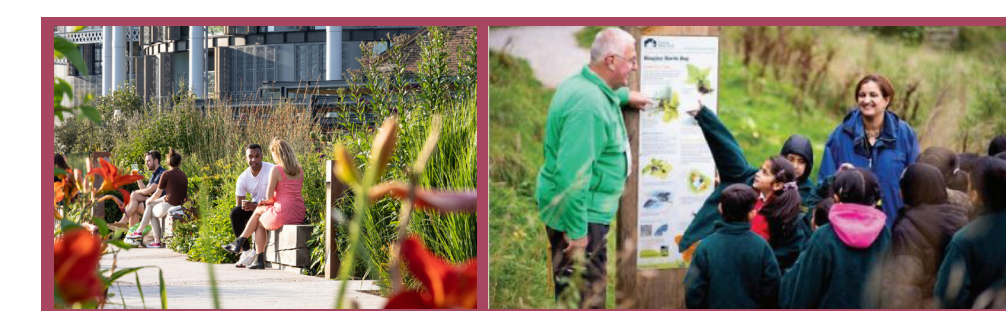


Connectivity:
Providing better connections through wayfinding and signage



Heritage:
Enhancing existing heritage value and features

Wayfinding Opportunities



LOCATION

Weir 1 - Kilnhurst Weir



Background

What have Calderdale Council been doing?

Calderdale Council has been working with **West Yorkshire Combined Authority** and the **Canal & River Trust** on the delivery of the **'CityConnect Programme'** with the aim of the programme to deliver high **quality cycling** and **walking infrastructure** across the region supported by **communication and engagement** to get more people cycling and walking more often.

Weir 6

Weir 5

Weir 4

Weir 3

Weir 2

Why?

Why are we Consulting?

Arcadis are a design consultancy that have been engaged by Calderdale Council and Canal & River Trust. This consultation is the **first step** to **engage** the **local community** and **stakeholders** with the project. Please take the time to review the information on the boards and **we would love to hear your feedback and comments at the link above**.

Significance

What is the Significance of the Weirs?

There are **seven historic side weirs** located along the **Rochdale Canal and towpath**, which is part of the National Cycle Network Route 66, **between Luddendenfoot and Todmorden** (see map above). These weirs form part of the water management of the canal. When the canal water level rises, and overtops the weir, the **water either runs across the stone setts** and through a parapet wall and over land, or through a pipe, outfalling into the River Calder.

Opportunities

What is the Opportunity?

Kilnhurst Weir (Weir 1) is an opportunity to look at initial **design options that make the space more inclusive and easier to access**. It hopes to **celebrate the history of the weir** and **improve walking and cycling** across the route. The feedback will help to inform the designs.

Issues

What are the Issues?

At times when the weirs are in use, **water flow can be high**, creating a hazardous, and even dangerous situations for users to cross the weir. This is due to **being unable to see the surface that users are travelling over**, which is uneven, as well as the force of the water. At these times, users can use a narrow wooden plank on stone plinths over each weir, however this **does not support wheelchair, push chair user or cyclists**.

Weir 7

Luddendenfoot



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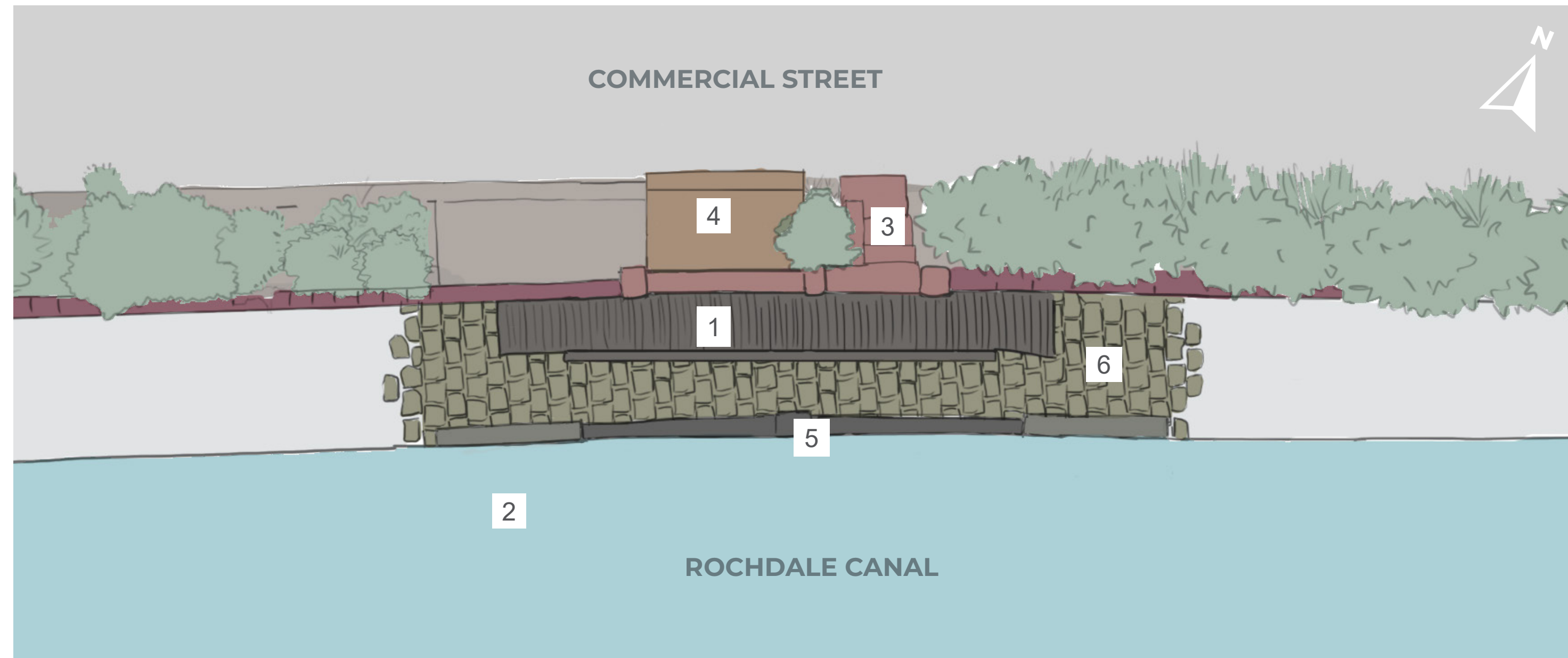
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EXISTING SITUATION

Weir 1 - Kilnhurst Weir

Plan View



Existing Photos



1. Wooden walkway against parapet wall with guardrail



2. Rochdale Canal - showing existing weir in disrepair with sandbags.



3. Stone steps - access to the towpath from Commercial St.



4. Apron & Lower weir covered by inclined stone slabs (Comercial St. view).



5. Side weir and washwall - currently leaking water.



6. Sandstone setts

CONCEPT DESIGN OPTIONS

Option 1: Do Minimum - Repair and Improve Existing Weir

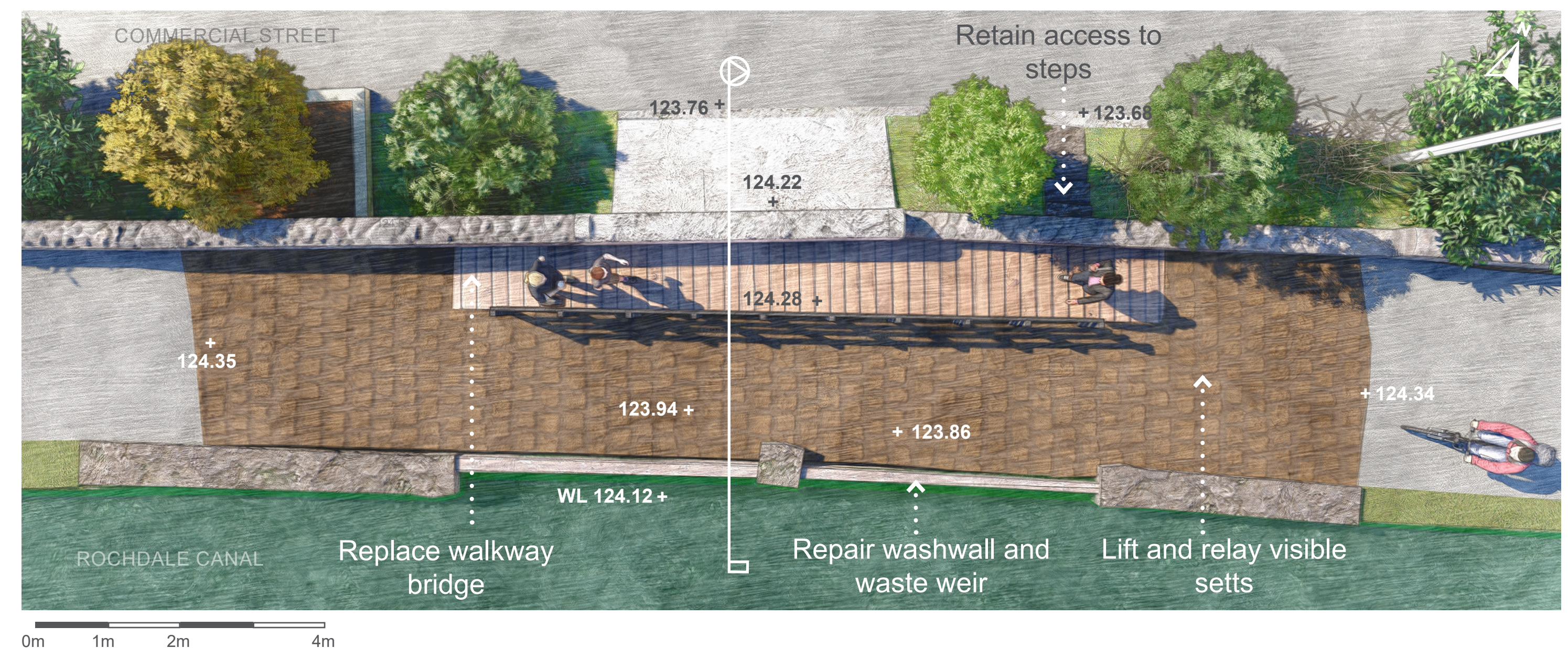
Key Principles

- Lift and relay stone setts to fall away from the canal to avoid water pooling on the surface.
- Repair weir edge against canal, and washwall as necessary.
- Provide like-for-like replacement of the walkway bridge.
- Opportunity for additional enhancements including 'Weir Walk' wayfinding signage.

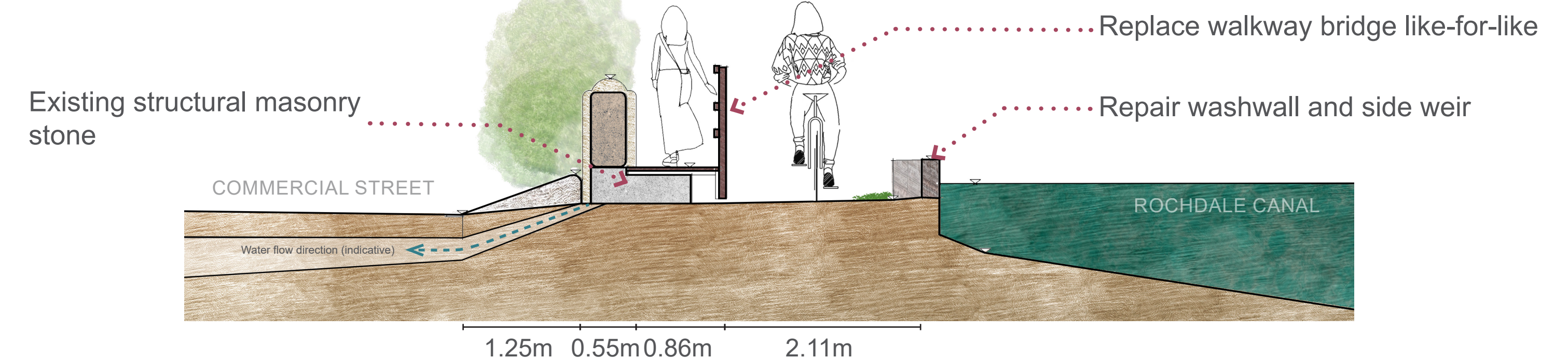
3D Sketch View



Sketch Plan



Sketch Section





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CONCEPT DESIGN OPTIONS

Option 2: Fully Inclusive - An Extended New Bridge

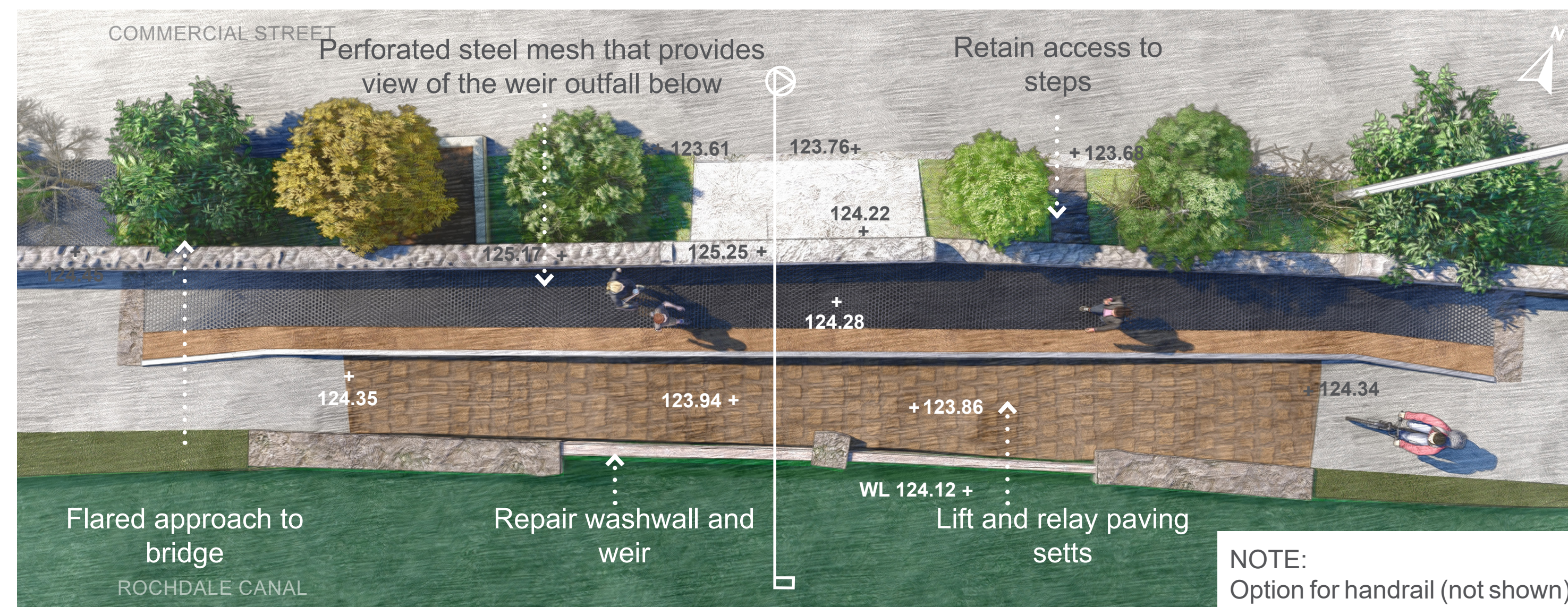
Key Principles

- Lift and relay stone setts to fall away from the canal to avoid water pooling on the surface and remove existing boardwalk.
- Repair weir edge against canal, and washwall as necessary.
- Provide new accessible bridge walkway inclusive to all, that extends over the top of the existing path.
- New durable surface materials, including perforated steel mesh, that provides view to weir below.
- Opportunity for additional enhancements including 'Weir Walk' wayfinding signage.

3D Sketch View



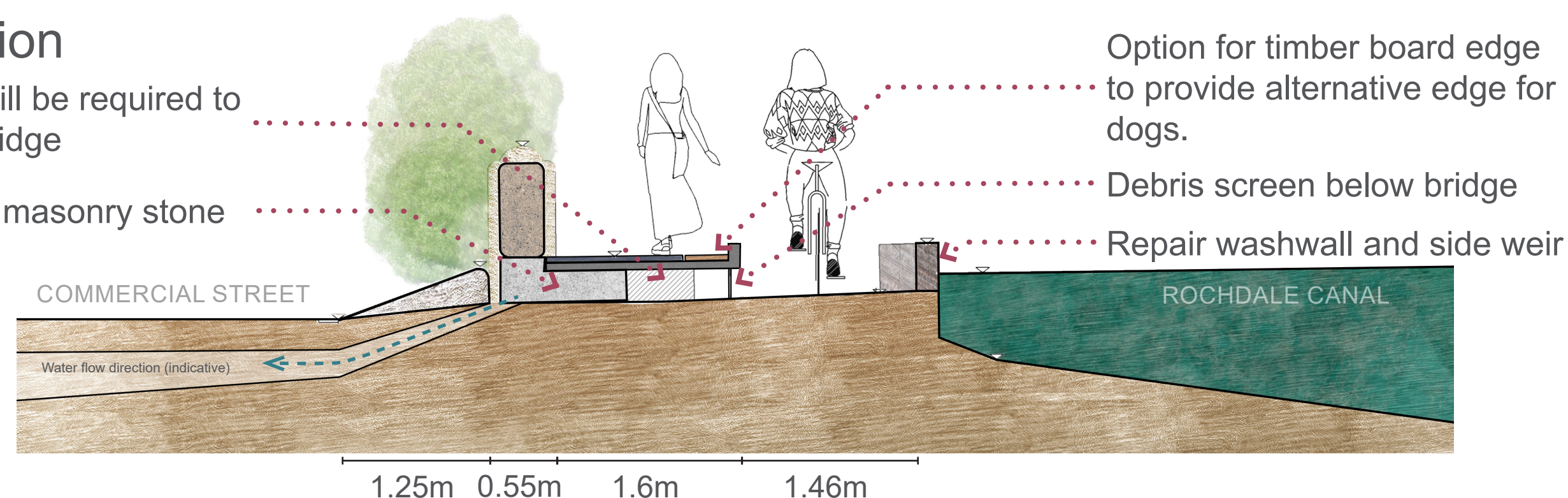
Sketch Plan



Sketch Section

Additional stone will be required to support span of bridge

Existing structural masonry stone



Option 3: Heritage Interpretation - A New Walkway Across Culvert

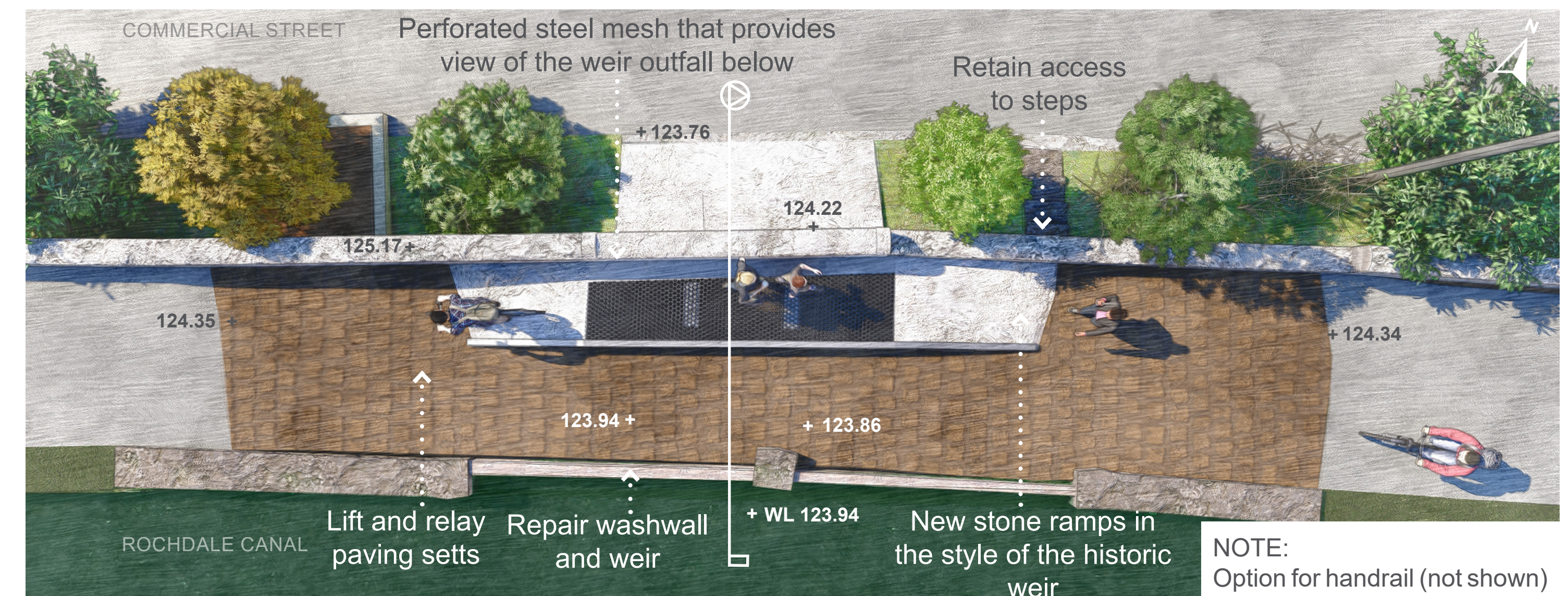
Key Principles

- Lift and relay stone setts to fall away from the canal to avoid water pooling on the surface and remove existing boardwalk to uncover the view of the weir.
- Repair weir edge against canal, and washwall as necessary.
- Replace existing walkway with perforated steel walkway and stone haunches in keeping with historic appearance of the former weir access.
- Timber board edge represents historic appearance of former access and provides alternative edge for dogs.
- Opportunity for additional enhancements including 'Weir Walk' wayfinding signage.

3D Sketch View



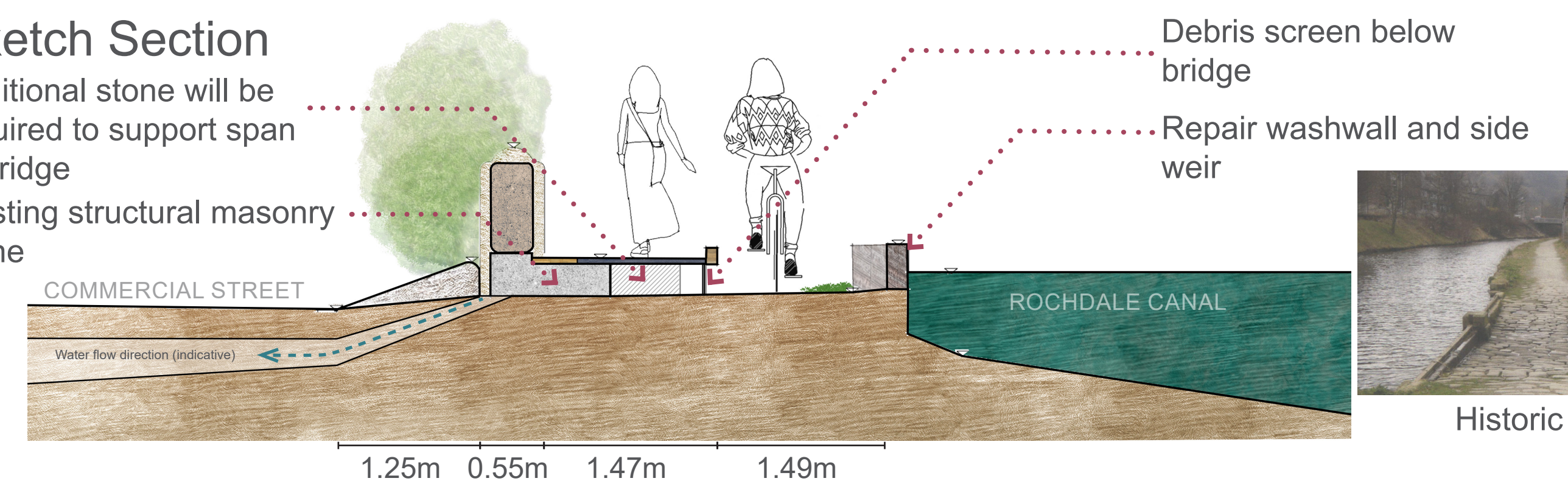
Sketch Plan



Sketch Section

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Historic Weir