

# Brickwork Reinstatement Method Statement

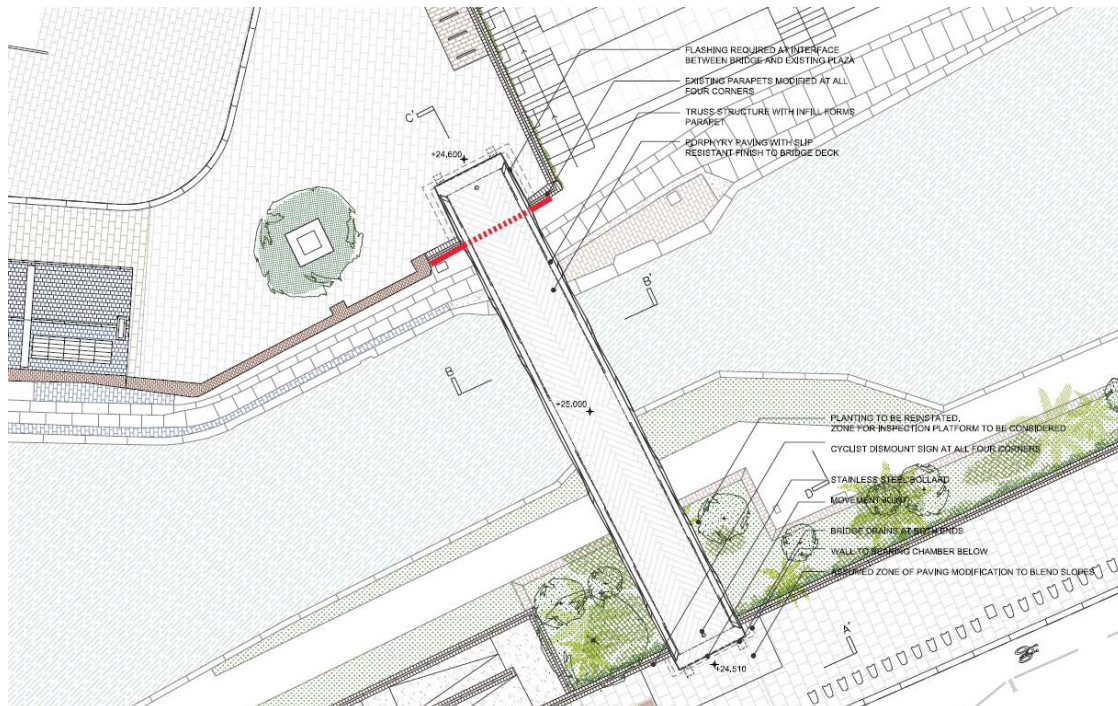
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## BRIDGE 2 – BRICKWORK REINSTATEMENT METHOD STATEMENT

### Introduction

This method statement has been prepared to guide the removal and reinstatement of brickwork to the top part of the existing towpath wall on the north side of the Regent's Canal in the location of the proposed 'Bridge 2' as shown on the plan below.



### Repair Specification & Methods

There is a large amount of variation in the existing brickwork due to the extensive adaptations and repairs carried out over the wall's 160 year history. Work to rebuild the wall should therefore be sympathetic but maintain the patina of age currently visible. See image below.



The specification for the reconstruction of the brick wall is as follows:

- Reclaimed bricks: Type & colour to match existing top part of wall (wall to be carefully dismantled and bricks to be reused wherever possible).
- Condition: Sound, free from mortar and deleterious matter.
- Supplier/ Source: Type and colour to match existing.

Mortar:

- Standard: To BS EN 998-2.
- Constituents: lime : cement : sand(well-graded aggregate)
- Mix (all areas above DPC): 1 : 1 : 6
- Colour: To match existing
- Joints: Type to match existing. Jointing to be carried out using purpose made tools
- Bond: English

In the case of any existing areas of the wall not being removed, identified for re-pointing, the existing mortar joints will be carefully raked out to a depth of 25mm. Hand held plugging chisels are used to ensure that all soft friable mortar is removed.

In order to achieve a visual consistency between the existing and new mortar, a light soot wash will be applied to the surface of the brickwork generally. A final light water spray is applied to ensure that the effect is permanent and that the soot wash will not be removed by rain.

