

Rev

Drawing Number  
HIAM/25-26/S1073/004

DO NOT SCALE

A1



- FOOTBRIDGE SUPPLIER**
- Subject to competitive tendering process.
  - Details are shown for typical Polydeck and CTS Bridges installations.

**FOOTBRIDGE DESIGN**

- Design Life: 50+ years

**ACCEPTABLE MATERIALS**

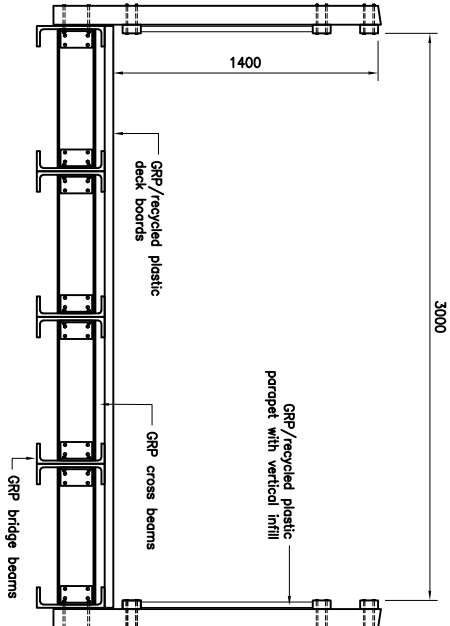
- Bridge Beams: GRP or galvanised steel
- Deck: GRP. Slip resistance PTV/STV > 60
- Poropets: GRP or hardwood timber

**LOADING REQUIREMENTS**

- DECK: 5 kN/m<sup>2</sup> UDL and 7kN Point Load.
- POROPET: 1.4 kN/m.

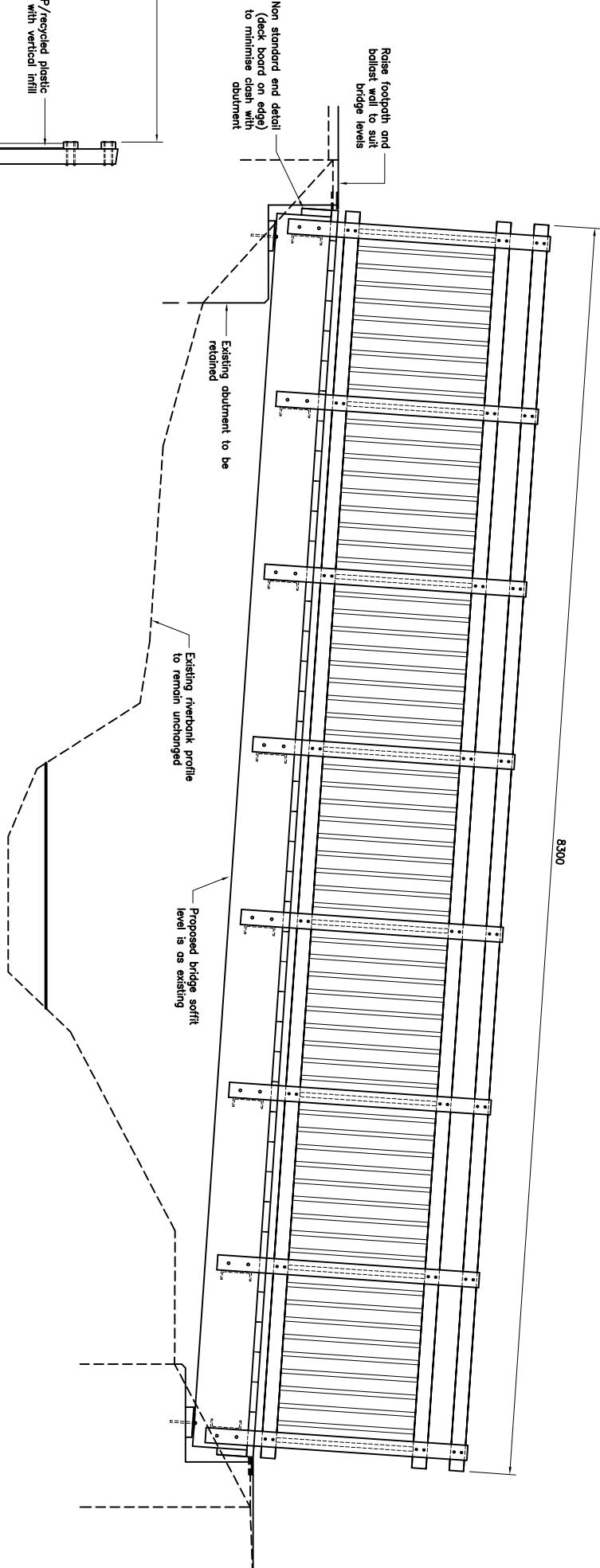
**FOOTBRIDGE DEPTH**

- Existing: 340mm beams + 30mm deck = 370mm.
- Polydeck: 360mm beams + 45mm deck = 405mm + bearing plates.
- CTS Bridges: 305mm beams + 40mm deck = 345mm + bearing plates.
- Polydeck bridge is slightly deeper than existing and will require minor adjustments to bollard walls.



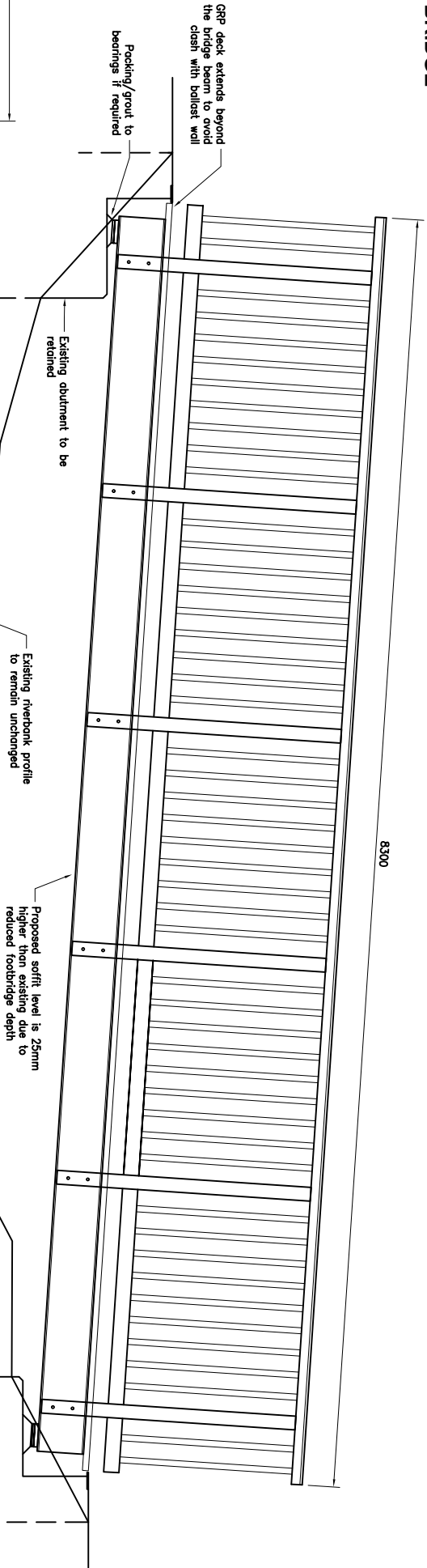
**INDICATIVE POLYDECK FOOTBRIDGE**

Scale 1:20 @ A1



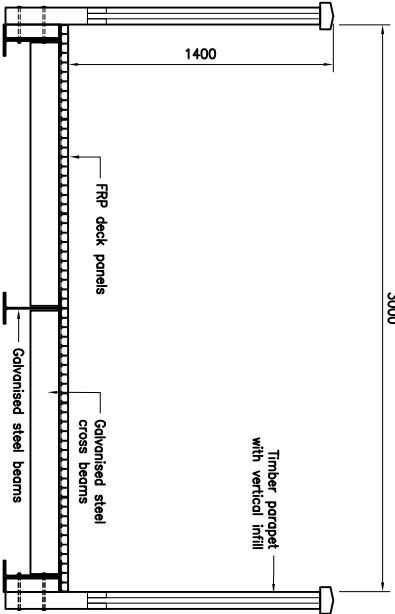
**INDICATIVE POLYDECK FOOTBRIDGE**

Scale 1:20 @ A1



**INDICATIVE CTS FOOTBRIDGE**

Scale 1:20 @ A1



**INDICATIVE CTS FOOTBRIDGE**

Scale 1:20 @ A1

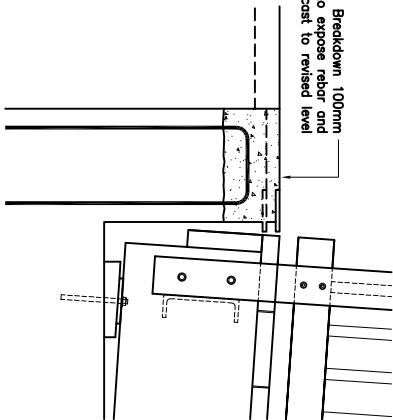
**General Notes**

1. This drawing is to be used in conjunction with all relevant contract drawings and specifications.
2. The Specification shall be the Specification for Highway Works.
3. All dimensions are given in millimetres unless stated otherwise.
4. All levels are in metres and relative to arbitrary datum.
5. The Contractor shall be responsible for verifying all dimensions on site and ensuring that all dimensions and levels are consistent with other relevant drawings. Any discrepancies shall be reported to the Project Manager immediately.
6. The Contractor is to verify all setting out information including levels in relation to existing features before proceeding with any fabrication or construction work. The Designer is to be notified immediately of any discrepancies in order that any adjustments can be made.

**RESIDUAL RISKS**

The following information has been taken from the Pre-Construction Information and Designers Risk Assessment.

1. Working in close proximity to the public.
2. Working at height.
3. Working over water.
4. Leprosy.
5. Uneven ground, slips, trips and falls.
6. Manual handling.
7. Hazardous materials, concrete.
8. Use of hand tools, whole body vibration.
9. Noise, dust, environmental hazards.



**BALLAST WALL MODIFICATION  
PROVISIONAL ITEM**

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| Rev | Description | By | Date | Chk'd | Auth |
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**SWINDON**  
BOROUGH COUNCIL

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Swindon, SN1 2JG,  
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**HIGHWAY INFRASTRUCTURE  
ASSET MANAGEMENT**

**Title**  
S1073 - Chatsworth Road Footbridge

**Proposed Footbridge Options**

| Sheet Size | Original Scale | Design/Drawn | Checked | Authorised |
|------------|----------------|--------------|---------|------------|
| A1         | As Shown       | SHL          |         |            |
|            |                | Date         | Date    | Date       |

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