



48000

Design floodlevel (2800m3/s)

−Beach

Allowance for scour protection to

substructures

-0.9m freeboard for

general stopbank

level above flood level

Allowance for scour protection to substructures –



—1m minimum debris clearance above general stopbank level from 20m out from bank. Deck height to be otherwise minimised to reduce foundation loads and gradients, while maintaining a smooth vertical alignment

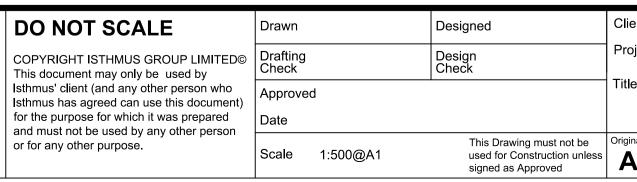
Reinforced concrete

-1800mm diameter reinforced concrete bored

pile. Allow for permanent casing

14.60

48000



Allowance for scour protection to substructures —

Allowance for scour protection to

substructures

Client RiverLink
Project RiverLink
Title Pedestrian and Cycle Bridge Indicative Long Section Sheet 2 of 3

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This Drawing Must not be used for Construction unless signed as Approved

This Drawing Mo: A16/4381-L502

Rev: H

No Revision Note: * indicates signatures on original issue of drawing or last revision of drawing Drawn Checked Approved Date

RJ 21/07/21

RJ 19/07/21

RJ 26/03/21

RJ 12/03/21

05/03/21

SE SB

- Allowance for scour protection to

substructures

Ground improvement below abutments

Stopbank profile

Abutment A

H CONSENT ISSUE FINAL

F DESIGN FREEZE 2 FINAL

D DRAFT - FOR COORDINATION

G CONSENT ISSUE

E DESIGN FREEZE 2

2.5H: 1V

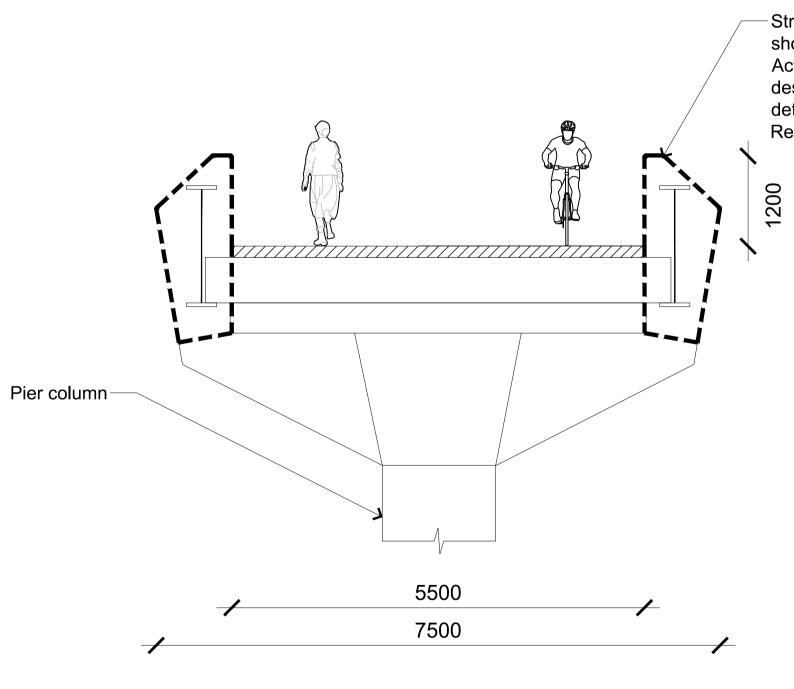
GENERAL NOTES

- 1.Details shown are indicative only for structural concept at Design Freeze 3 Stage of consenting design.
- 2. Do not scale from these sketch drawings. Dimensions are in mm unless otherwise noted.
- Structural Engineering input by Holmes Consulting.

Structural and architectural details

shown are an indicative concept.

Actual structural and architectural



Structural and architectural details shown are an indicative concept. Actual structural and architectural design details and materials will be determined in Detailed Design phase. Refer to ULDF.

design details and materials will be determined in Detailed Design phase. Refer to ULDF. 9000

14000

Cross Section
Scale: 1:50 @ A1 | 1:100 @ A3

H CONSENT DESIGN FINAL RJ 21/07/21 G CONSENT DESIGN F DESIGN FREEZE 2 FINAL RJ 26/03/21 E DESIGN FREEZE 2 RJ 12/03/21 D DRAFT - FOR COORDINATION 05/03/21

RiverLink



W100m x H1200mm-

Bollards

OO NOT SCALE	Drawn		Designed	С
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	Approved			Ti
	Date			
	Scale	1:50@A1	This Drawing must not be used for Construction unless signed as Approved	Ori

Client RiverLink Project RiverLink Pedestrian and Cycle Bridge Indicative Cross Sections Sheet 3 of 3 A1 Drawing No: A16/4381-L503

Rev: **H**

Cross SectionScale: 1:50 @ A1 | 1:100 @ A3