

NETWORK RAIL
FORM B: CERTIFICATE OF DESIGN AND CHECKING

(Page 1 of 5)

Title of Scheme: <i>Standard Design Detail</i>			
Location <i>Site specific details to be provided</i>			
ELR <i>TBC</i>	Mileage <i>TBC</i>	OS grid ref. <i>TBC</i>	Structure No. <i>TBC</i>
Document No. NR/CIV/SD/FORMB/700			Revision: A

Part 1: Design

Design organisation: Tony Gee and Partners

I certify that reasonable professional skill and care have been used in the Design of the Scheme (or part of Scheme) identified above, with the objective of ensuring that the Design:

- (a) complies with the Approval in Principle recorded on Form A signed by Jason Johnston on August 2014;
- (b) complies with the Design standards, codes and methods stated on the above Form A (including any stated departures or dispensations), with the following amendments and/or additions:

1. *General amendment throughout the Form A:*

Reference to project specific Form A or Form B should be replaced with project specific F001, F002 or F003 as appropriate.

- (c) is accurately described by the following drawings, schedules, performance, materials and workmanship specifications and other documents:

Document No.	Rev	Title
NR/CIV/SD/FORMA/700	B	Form A
NR/CIV/SD/TUM/400	C	Technical User Manual for Non-Station Footbridges and Non-Mainline Station Footbridges
NR/CIV/SD/701	D	Footbridge Drainage and Lighting Notes
NR/CIV/SD/710	D	Footbridge - Surface Drainage - CHS Support Overview
NR/CIV/SD/711	D	Footbridge - CHS Support – Indicative Drainage Route
NR/CIV/SD/712	D	Footbridge - Staircase Flight - CHS Support – Indicative Drainage Route
NR/CIV/SD/713	D	Footbridge - Staircase 180 Degree Turn - CHS Support - Indicative Drainage Route
NR/CIV/SD/714	D	Footbridge– Main Span Stepped Deck – CHS Support – Indicative Drainage Route
NR/CIV/SD/715	D	Footbridge– Main Span Flat Deck – CHS Support – Indicative Drainage Route
NR/CIV/SD/716	D	Footbridge – Ramp – CHS Support – Indicative Drainage Route
NR/CIV/SD/717	D	Footbridge – Ramp 180 Degree Turn – CHS Support – Indicative Drainage Route
NR/CIV/SD/718	D	Footbridge – CHS & Trestle Supports – Drainage Fixing Details
NR/CIV/SD/730	D	Footbridge - Surface Drainage - Trestle Support Overview
NR/CIV/SD/731	D	Footbridge - Trestle Support – Indicative Drainage Route
NR/CIV/SD/732	D	Footbridge - Staircase Flight - Trestle Support – Indicative Drainage Route
NR/CIV/SD/733	D	Footbridge - Staircase 180 Degree Turn - Trestle Support – Indicative Drainage Route
NR/CIV/SD/734	D	Footbridge – Main Span Stepped Deck – Trestle Support – Indicative Drainage Route
NR/CIV/SD/735	D	Footbridge– Main Span Flat Deck – Trestle Support – Indicative Drainage Route
NR/CIV/SD/736	D	Footbridge – Ramp – Trestle Support – Indicative Drainage Route

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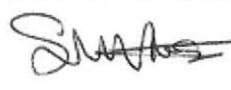
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Title of Scheme: <i>Standard Design Detail - P</i>			
Location <i>Site specific details to be provided</i>			
ELR <i>TBC</i>	Mileage <i>TBC</i>	OS grid ref. <i>TBC</i>	Structure No. <i>TBC</i>
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NR/CIV/SD/737	D	Footbridge – Ramp 180 Degree Turn – Trestle Support – Indicative Drainage Route
NR/CIV/SD/750	D	Footbridge – Main Span – indicative Lighting Details
NR/CIV/SD/751	D	Footbridge – Stair & Deck – Indicative Lighting Details
NR/CIV/SD/752	D	Footbridge – Main Span – Stepped Deck – Indicative Lighting Details
NR/CIV/SD/753	D	Footbridge – Main Span – Flat Deck – Indicative Lighting Details
NR/CIV/SD/754	D	Footbridge – CHS Support – Indicative Cabling Containment Route
NR/CIV/SD/755	D	Footbridge – Trestle Support – Indicative Cabling Containment Route
NR/CIV/SD/756	D	Footbridge – CHS and Trestle Supports – Cabling Containment fixing Details
NR/CIV/SD/757	D	Footbridge – Main Span – Service Duct Route Through U-Frames

Signed 	Title Engineer
Name (Print) W Hirst	Date: 22/04/2015
To be signed by the Designer or other person authorised to sign on behalf of the organisation responsible for the Design.	

I certify that the staff who have prepared the above Design are competent to carry out their duties and that they have used reasonable professional skill and care.

Signed 	Title Regional Director
Name (Print) S Fraser	Date: 22/04/2015
To be signed by the Director or other person authorised to sign on behalf of the organisation responsible for the Design to whom the Designer is responsible.	

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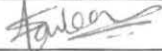
(Form B – continued)

Part 2: Check **Checking organisation:** Tony Gee and Partners

I certify that reasonable professional skill and care have been used in checking the Design of the Scheme (or part of Scheme) identified in Part 1 of this certificate, with the objective of ensuring that the Design:

- (a) complies with the Approval in Principle recorded on Form A signed by Jason Johnston on August 2014;
- (b) complies with the Design standards, codes and methods stated on the above Form A (including any stated deviations or dispensations), with the amendments and/or additions (if any) stated in Part 1 of this certificate: The justification given for these amendments and/or additions is acceptable.

I confirm that the Design was checked as Design Check category II and that the Design Check has been carried out with the independence specified in NR/SP/CIV/003 (formerly RT/CE/S/003).

Signed 	Title <i>SR. DESIGN ENGINEER</i>
Name (Print) <i>SUCHETA PARKAR</i>	Date <i>23/04/2015</i>
To be signed by the Checker or other person authorised to sign on behalf of the organisation responsible for the Design Check.	

I certify that the staff who have completed the above check are competent to carry out their duties and that they have used reasonable professional skill and care.

Signed 	Title <i>DIRECTOR, UAE</i>
Name (Print) <i>PETER REEVES-TDY</i>	Date <i>23/04/15</i>
To be signed by the Director or other person authorised to sign on behalf of the organisation responsible for the Design Check to whom the Checker is responsible.	

(Note: for categories I and II checks the signature above may be the same as that in Part 1.)

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