

NETWORK RAIL **FORM B: CERTIFICATE OF DESIGN AND CHECKING**

(Page 1 of 4)

Title of Scheme: Ecological Standard Detail – 240			
Location <i>Site specific details to be provided</i>			
ELR TBC	Mileage TBC	OS grid ref. TBC	Structure No. TBC
Document No. NR/CIV/SD/FORMB/240			Revision: P1

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 4th April 2011, including associated comments by the Professional Head of Track/Structures Engineering in giving endorsement;
- (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:

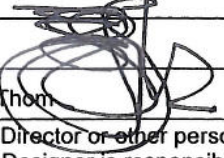
NR/CS/CIV/044	Managing Structures Works
NR/L3/CIV/071	Design of Earthworks and Earthworks Remediation
NR/BS/L1/045	Monitoring Track Over or Adjacent to Civil Engineering Works: Procedure and Intervention Levels

- (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/240	P2	Ecological Standard Detail – 240
NR/CIV/SD/ 240	P03	GENERAL INFORMATION
NR/CIV/SD/ 241	P03	RABBIT NETTING: GENERAL
NR/CIV/SD/ 242	P03	RABBIT NETTING: EMBEDMENT
NR/CIV/SD/ 243	P03	GROUTING OF BURROWS
NR/CIV/SD/ 244	P03	GREAT CRESTED NEWT ALTERNATIVE HABITAT CREATION
NR/CIV/SD/ 245	P03	WATER VOLE ALTERNATIVE HABITAT CREATION
NR/CIV/SD/ 246	P03	ARTIFICIAL BADGER SETT CREATION
NR/CIV/SD/ 247	P03	BADGER MESHING DETAIL
NR/CIV/SD/ 248	P03	TREATMENT / EXCLUSION FROM EXISTING BADGER SETTS
Form B – Appendix A	P1	Designer's Check Statement

Signed: 	Title: Senior Engineer
Name: Costin Murray	Date: 14 th April 2011
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: G J-P Thom	Date: 14 th April 2011
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.	

NR/CIV/SD/FORMB/240

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(Page 2 of 4)

Title of Scheme: Ecological Standard Detail – 240			
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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 4th April 2011, including associated comments by the Professional Head of Track/Structures Engineering in giving endorsement;
- (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: I 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: Senior Engineer
Name: James Thomas	Date: 14 th April 2011
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: Regional Director
Name: G J-P Thom	Date: 14 th April 2011
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.)

NR/CIV/SD/FORMB/240