

**Certificate for the design/assessment and/or check of highway structures,
including road and service tunnels**

Project details

Name of project: 31 Wrexham Road Garden Retaining Walls

Name of bridge or structure: Garden Retaining Walls

Structure reference no. N/A

Section 1

We certify that reasonable professional skill and care has been used in the preparation of the design/~~assessment~~¹ and/~~or~~ check¹ of the garden retaining walls with a view to securing that:²

1) It has been designed/~~assessed~~¹ and/~~or~~ checked¹ in accordance with

a) The following standards; BS8002:2015 or³

b) The Approval in Principle dated including the following:^{4, 5, 6} N/A

2) It has been checked for compliance with:

a) the relevant standards in 1); or⁷

b) The assessed capacity of the structure, or elements of the structure, is as follows:⁸ N/A

3) It has been accurately translated into construction drawings and bar bending schedules (all of which have been checked)⁹. The unique numbers of these drawings and schedules are: 2709E 04C and 05C.

Signed _____

Name S.E.Richards

Design/Assessment Team Leader Engineering Qualifications BSc BEng C Eng MICE ¹¹

Signed _____

Name S.E.Richards

Position held Design Team Leader ¹²

Name of Organisation S.W.& H Richards Ltd

Date 30-03-21

Signed _____⁷

Name S.E.Richards

Check Team Leader⁷ Engineering Qualifications BSc BEng C Eng MICE ^{11, 7}

Signed _____

Name S.E Richards

Position held Managing Director ¹²

Name of Organisation SW&H Richards Ltd

Date 30-03-21

Section 2

The departures and additional criteria given in paragraph 1 are agreed¹³ . N/A

The certificate is accepted by the TAA

Signed _____

Name _____

Position held _____

Engineering Qualifications _____ ¹⁴

TAA _____

Date _____

Notes

- 1) Delete as appropriate.
- 2) Where several similar category 0 or 1 structures occur in a project, they may be listed on one certificate.
- 3) Used for category 0 only. Insert relevant current standards including amendments to date. This certificate should be accompanied by a general arrangement drawing.
- 4) Not required for category 0. Insert date of agreement of the AIP by the TAA including the dates of any addenda. Note the AIP is valid for three years after the date of agreement by the TAA. If the construction has not yet commenced within this period, the AIP should be re-submitted to the TAA for review.
- 5) List any departures and additional methods, criteria or specification clauses.
- 6) For the certification of M&E functions for highway structures, include here the reference number and date of the relevant safety consultation document.
- 7) Delete for categories 2 and 3, which require a separate check certificate.
- 8) Used for assessments only. Assessed capacity is to be recorded in the Overseeing Organisation's management system for structures.
- 9) The statement "(all of which have been checked)" is not applicable to categories 2 and 3 design certificates.
- 10) Delete as appropriate or repeat two columns if they are signed by both design/assessment and check teams.
- 11) CEng MICE, CEng MStructE or equivalent, but this qualification can be relaxed for Categories 0 and 1 with the agreement of TAA.
- 12) A principal of the organisation responsible for the design or assessment.
- 13) Delete as appropriate. Note: not permitted for categories 0 or 1 unless the TAA considers that the departure has little or no structural implication.
- 14) An engineer with appropriate qualification and experience for categories 0 and 1, and with CEng MICE, CEng MStructE or equivalent for categories 2 and 3.