Camden

Model form of certificate for the design and check of highway structures, including road and service tunnels.

Project details:

Name of project **Agar Grove Phase 2, Agar Grove Estate, London NW1 9SU**

Name of bridge or structure **Camley Street**

Structure reference no. **N/A**

Section 1

We certify that reasonable professional skill and care has been used in the preparation of the design and check of permanent works design with a view to securing that:

1) It has been designed and checked in accordance with

    a) The following standards;

    - BS EN 1991-1-1-2002 Eurocode 1 Action on structures

    - BS EN 1991-1-4-2005 + A1-2010 Eurocode 1 Actions on structures (wind)

    - BS EN 1992-1-1-2004 Eurocode 2 Design of concrete structures

    - BS EN 1997-1-2004 +A1-2013 Eurocode 7 Geotechnical Design inc. Corrigendum Feb 09

    b) The Approval in Principle dated **22.01.24** including the following: [4, 5, 6]

2) It has been checked for compliance with:

    a) the relevant standards in 1);

(iii) 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:

    - MNP drawing AG2-MNP-B1-FN-DR-S-101011 Block B1 & B2 Foundation General Arrangement Plan

    - MNP drawing AG2-MNP-ZZ-00-DR-S-101012 Block B1 & B2 Ground Floor General Arrangement Plan

    - MNP drawing AG2-MNP-B1-ZZ-DR-S-102101 Block B1 Long Sections Sheet 1

    - MNP drawing AG2-MNP-B2-ZZ-DR-S-202101 Block B2 Long Sections Sheet 1

    - MNP drawing AG2-MNP-B2-ZZ-DR-S-202102 Block B2 Long Sections Sheet 2

Signed

Name _____ **Ozgur Sen** _____ Design/Assessment Team Leader

Engineering Qualifications _____ **Meng, MBA, CEng, MIStructE_____** [11]

Name of Organisation _____**Mason Navarro Pledge Ltd.**_____

Signed _____

Name _____

Position held _____ [12]

Name of Organisation _____

Date _____

Signed ████████████████████████████████

Name _____ **Kennedy C Lupindula** _____ Check Team Leader[7]

Engineering Qualifications _____ **MSc BEng, CEng, MIStructE, MICE** _____ [11, 7]

Name of Organisation _____**Mason Navarro Pledge Ltd.**_____

Signed _____

Name _____

Position held _____ [12]

Name of Organisation _____

Date _____

Section 2

The departures and additional criteria given in paragraph 1 are agreed [13]

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 MIStructE 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 MIStructE or equivalent for categories 2 and 3.