Pibworth
ASSOCIATES
Consulting Civil and Structural Engineers

7A Mere Green Road Mere Green Sutton Coldfield B75 5BL
Telephone 0121 323 4422 Facsimile 0121 323 4466 e-mail info@pibworthassociates.co.uk

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METHOD STATEMENT

FOR WORKS

AT

156 GOLDHURST TERRACE

LONDON

NW6 3HP

continuation

Method Statement

156 Goldhurst Terrace, London

Introduction

1. The following method statement is to enable the safe execution of the proposed construction works at the above address. The proposed works are to construct a basement extension to the property. This is to cover the entire footprint of the existing building and to then extend further to the rear into the existing garden.

2. Prior to commencing the works the contractor should be in possession of the pre contract Health and Safety Plan produced by the Planning Supervisor under the terms of the Construction Design and Management (CDM) Regulations.

3. The contractor should be in possession of all accreditation of the site operatives in relation to the requirements of the CDM Regulations.

4. On being awarded the contract the contractor should produce a site specific Health and safety Plan for the project.

5. Prior to commencing the works the contractor should be in possession of the notification form served on the Health and safety Inspectorate (F10).

6. Prior to commencing the works the contractor should be in possession of an unsigned copy of the Party wall Agreement.

continuation

Proprietary works

1. The route of all incoming services for gas, water, electricity and telephone should be established.

2. The exact detail of the existing foundations is not known.

3. Excavate trial pits to expose the existing foundations. These should be formed to the front and rear of each party wall. Trial pits should also be formed centrally to the front and rear walls of the property.

4. Each trial pit should be excavated to the depth of the proposed foundation bearing stratum.

5. The purpose of the trial pit investigation is not only to gain knowledge of the existing foundations but also to make an assessment of the load bearing capacity of the soil.

6. The findings of the trial pit investigation should be communicated to the engineer who may require to attend the site to inspect the excavations.

7. Install a new foundation 1 metre outside the line of the proposed rear wall of the basement extension.

continuation

Underpinning

1. Provided the ground conditions found are considered to be acceptable underpin the existing party wall in accordance with the sequence agreed with the Structural Engineer. The length of each section of underpinning should not exceed 1200mm. No more than one section in three of the existing foundations should be unsupported at any time.

Foundations for temporary works and temporary works

2. Within the building line to the front elevation at a distance of 1 metre inside the existing building line excavate a new foundation 450mm wide.

3. To the rear elevation excavate at a distance of 1 metre inside the existing building line excavate a new foundation 450mm wide.

4. To the rear elevation excavate at a distance 1 metre outside the line of the existing rear wall a new foundation of 450mm wide.

5. To the front elevation excavate at a distance 1 metre outside the line of the existing rear wall a new foundation of 450mm wide.

6. On the line of the new foundation to the front elevation install temporary supports of sufficient strength to carry the weight of the existing front wall. The propping system is to be designed by a suitably qualified person.

7. On the line of the rear wall using the newly formed foundations install temporary supports capable of supporting the existing rear wall. The propping system is to be designed by a suitably qualified person.

continuation

Basement slab and internal foundations

1. Excavate the ground between the underpinned sections of the party walls and between the propped areas of the front and rear walls. The soil to the front and rear of the property will need to be battered back.

2. Excavate and concrete the bases for the proposed steel frame.

3. Construct the new basement slab. The position of construction joints is to be agreed with the Structural Engineer prior to commencing the works. On the line of the construction joints in the slab install a proprietary water bar.

Rear basement beyond the rear wall of the existing building

1. Install a vertical post on the rear temporary foundations.

2. Excavate the ground to the rear basement projection to a maximum depth of 600mm.

3. Install the first horizontal wailing.

4. Excavate for a further 600mm.

5. Install the second horizontal wailing.

6. Excavate for a further 600mm.

7. Install the second horizontal wailing.

8. Repeat the above until the full depth of the excavation is achieved.

9. Construct the side retaining walls to the rear elevation.

10. Construct the rear retaining wall.

11. Where construction joints are formed in the new basement slab and retaining walls install proprietary water bars.

Front basement yard

1. Construct a base in the front left corner of the front basement yard.

2. Construct a base in the front right corner of the front basement yard.

3. Install vertical posts in the front left and right corners in accordance with the temporary works design.

4. Excavate the ground to the front basement projection to a maximum depth of 600mm.

5. Install the first horizontal wailing.

6. Excavate for a further 600mm.

7. Install the second horizontal wailing.

8. Excavate for a further 600mm.

9. Install the second horizontal wailing.

10. Repeat the above until the full depth of the excavation is achieved.

11. Construct the side retaining walls to the rear elevation.

12. Construct the rear retaining wall.

13. Where construction joints are formed in the new basement slab and retaining walls install proprietary water bars.

Non basement works

1. Install the structural frame at ground floor.

2. Install the structural frame at first floor.

3. Install the steel beams over the basement floor.

4. Install the steel beams over the ground floor.

5. Construct the rear external ground floor slab.