



Lawrence Head
Underground London Ltd.
Flat 2
40 Gleneagle Road
London
SW16 6AF
(sent by email only: lawrence@uglondon.com)

Dear Lawrence,

3 Downshire Hill, London NW3 1NR

We are appointed by Underground London Ltd. to complete the temporary and permanent design for the proposed basement at the above address.

The building was constructed as a brutalist four storey house (including mansard) in the 1970's by an Architect and has since been overclad in brickwork. The building shares a party wall with 2 Downshire Terrace which is the end of a Victorian terrace.

There is a single storey rear extension at ground floor over most of the width building. The first and second floors have a similar foot print to the main part of the ground floor. The third floor is a mansard as such has a reduced foot print from the first and second floors.

The building appears to be constructed with concrete floors that are supported either on a concrete frame or load bearing masonry. There appear to be steel beams that downstand from the underside of the second and third floors. The building is founded on mass concrete strip foundations on London clay.

The proposed structural works involve the construction of a basement below part of the ground floor and extending out into the garden at the side of the house. The house will remain in residence during the works as such all work will be completed from outside the building.

The basement will be constructed with L-shaped reinforced concrete underpins around the perimeter of the basement. The flank wall of the house will be supported on steelwork at ground floor level on a steel column on a reinforced concrete pad at basement level.

We have been appointed to design the temporary and permanent works to allow the proposed works to be completed on site. As part of our appointment we will complete regular site visits during the construction of the proposed works to monitor the works are being completed generally in accordance with our design.

If you have any further queries please do not hesitate to contact us.

Regards

Martin Shortt (MIStructE, CEng)
For Harrison Shortt Structural Engineers Ltd

cc. Chris Gough-Willetts (sent by email only: chris@studioazzurro.co.uk)