

CONSULTING CIVIL AND STRUCTURAL ENGINEERS

LN01018/PK

Mr Gavin Charlton Brown
Charlton Brown Partnership
The Old Chapel
Shepherd's Walk
Hampstead
London
NW5 5UE

3, 5, 7 FITZJOHNS AVENUE, LONDON NW3 – APPLICATION No: PW9802335R4, Case File:G7/S/C

9. Regarding the design of the building foundations and their effect on trees on or adjoining the site, we note that the footprint of the proposed development is completely outside of the crown areas of trees on the site. Assuming, worst case, that a mass concrete strip foundation solution is applied there is, therefore very little potential for damage to tree roots from foundation excavations as it is generally accepted that an area matching that of the tree's crown is the most critical in terms of protection. We understand that the clients have engaged an arboriculturalist whose report will be submitted to the Council and will elaborate on this.

Please see section 1 – 1 on our drawing LN01018/PL001 for proposed depths and sizes.

11 ii) At present it is proposed to construct the basement garage using a 450 mm diameter contiguous bored piled retaining wall around the perimeter. This will be designed to retain the adjoining ground in both the temporary and permanent conditions

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Using this method is extremely safe and also has the benefit of negating the need for temporary propping; the contractor simply installs the piles and then removes the ground from within the area bounded by the piles. Therefore there will be no soil disturbance outside of the area bounded by the piles

Please see section 3 – 3 on our drawing LN01018/PL001 for proposed depths and sizes.

Other matters in your letter will be dealt with by other members of the design team separately.

Yours sincerely

DEWHURST MACFARLANE AND PARTNERS

A handwritten signature in black ink, appearing to read 'Peter Krige', with a large, sweeping flourish extending from the end of the signature.

Peter Krige