93 Redington Road, London

FORMATION ARCHITECTS

Tree Impact Assessment - Regarding Basement Application 2017/4902/P

October 2017

Rev 00

1.0 **Introduction**

1.1 **The Purpose of this Document**

This report has been prepared by Formation Architects on behalf of our client. It has been written as an addition to application 2017/4902/P and seeks to determine the impact of the proposed extension of the existing single storey basement at 93 Redington Road on the existing trees at the site.

This report supports the proposal and should be read in conjunction with all reports and drawings previously submitted to the council.

1.2 **The Client Design Team**

Architect
Formation Architects
Studio GF02
Winchester House
1-3 Brixton Rd
London
SW9 6DE
Telephone number: 020 7251 0781

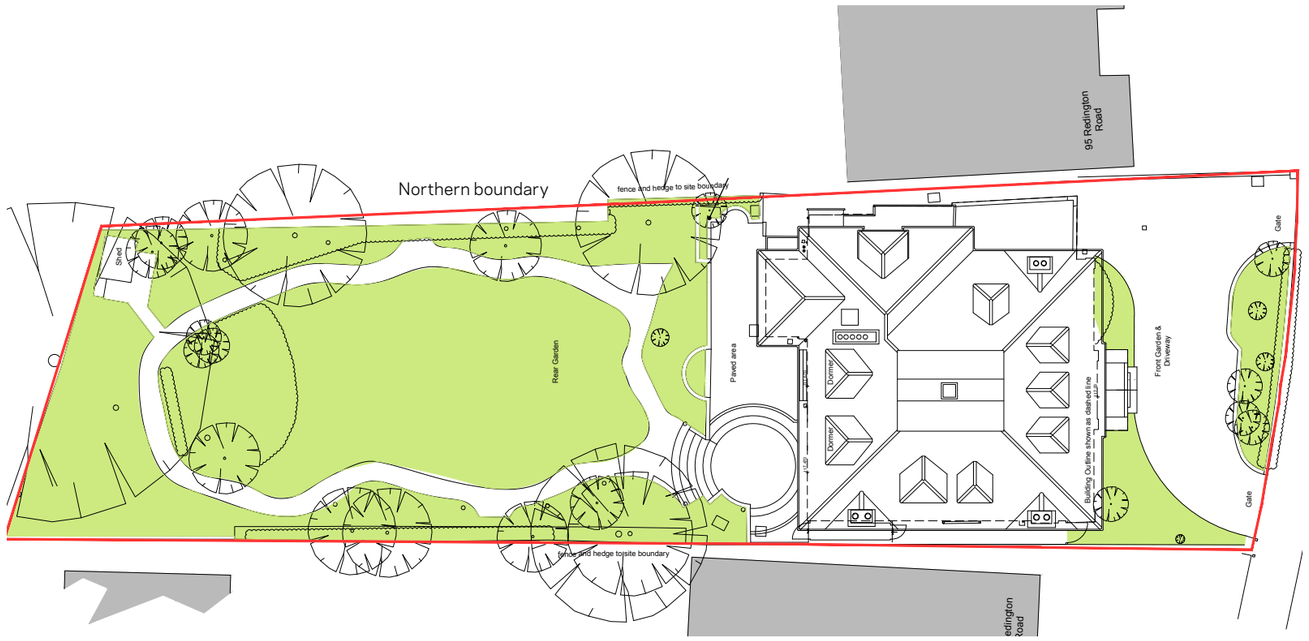
Structural Engineer
Constructure Ltd
Unit D
15 Bell Yard Mews
London
SE1 3TY
Telephone number: 02074037989

Site Investigation
RSA Geotechnics Ltd
Ashburnham House
1 Maitland Road
Lion Barn Estate
Needham Market
Suffolk
IP6 8NZ
Telephone number: 01449 723723

2.0 **The Existing Site**

The existing rear garden consists of mature trees and shrubs and a large area of laid lawn with perimeter paving. The trees and hedges are planted along the boundary fences.

The northern boundary is in close proximity to the proposed basement extension and so therefore, the trees in this location require closer attention.



Existing landscape plan

Existing landscape photograph

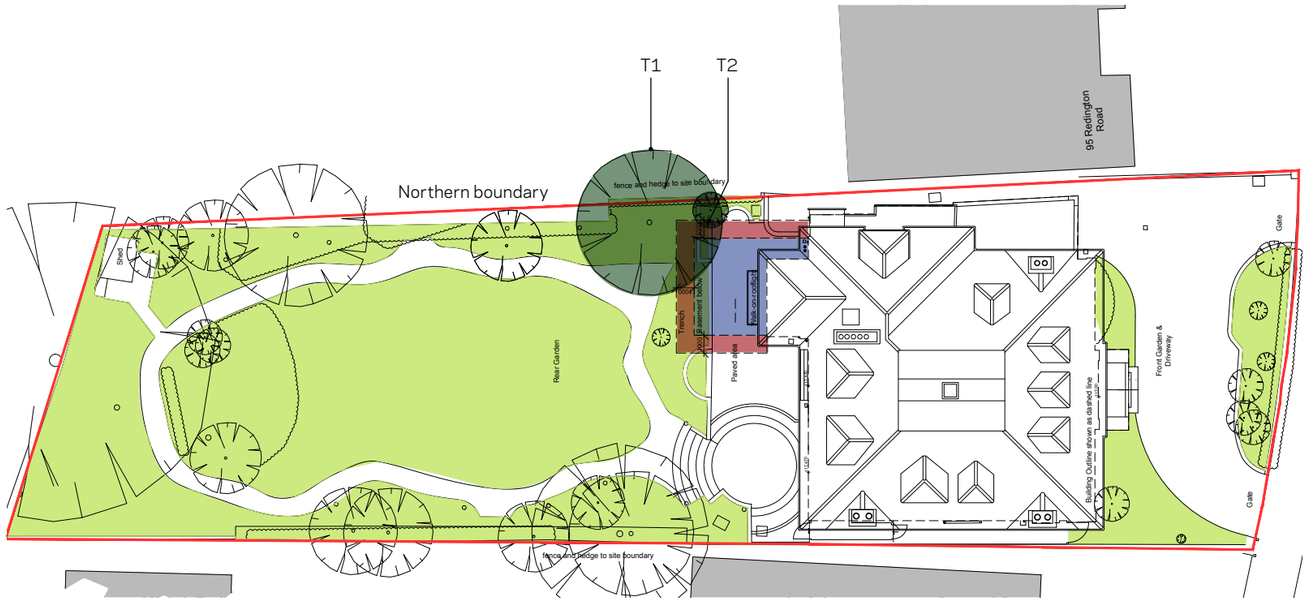
3.0 **Construction Methodology**

In order to construct the basement, trenches will be dug around the perimieter of the proposal under a new reinforced concrete slab. The trenches will reach the level of the bottom face of the new reinforced concrete wall foundation and will be introduced in 600mm segments as necessary throughout the construction process.

The trenches will temporarily extend the footprint of the basement by 1 meter as highlighted in red on the plan opposite. This zone extends under the root system of trees T1 and T2.

The trenches will be infilled when the reinforced concrete wall and foundation have been formed.

Please read this report alongside the Basement Impact Assessment where a full basement construction methodology can be found.



Proposed construction zone

KEY:

Proposed basement below

Proposed trench zone

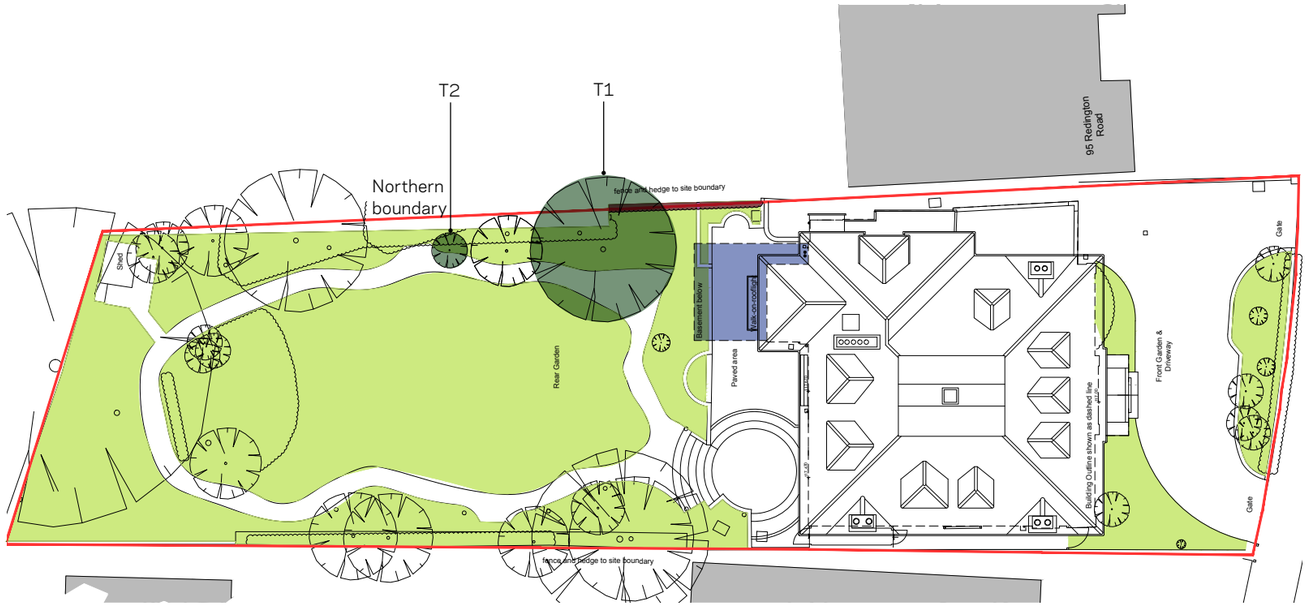
Existing trees affected

4.0 **Proposal**

The proposal seeks to relocate trees T1 and T2 due to the fact that the construction zone will exted under their root system.

In order to retain the same amount of vegetation as existing, trees T1 and T2 will be relocated along the northern boundary. Retaining and relocating trees such as a cherry tree (T1) ensures that the character of the garden is retained.

The existing hedges to the northern boundary will also be preserved in order to retain privacy and screening to the neighbouring property.



Proposed landscape plan

KEY:

Proposed basement below

Existing trees relocated