

# Marcus Foster

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### **Addendum Arboricultural Note** **In Relation to Proposed Development**

**Date:**

4th August 2015

**Client:**

Maria Dolores Gregori Fuster  
45 Flask Walk  
London  
NW3 5HH

**Site:**

45 Flask Walk  
London  
NW3 5HH

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## **1. Introduction**

1.1 *Marcus Foster Arboricultural Design & Consultancy* have previously produced an Arboricultural Survey (BS5837:2012) and Impact Assessment Report dated 14th July 2015 in relation to the proposed development at 45 Flask Walk, London, NW3 5HH. Reference should be made to this previous report in relation to this Addendum Note.

1.2 A further site visit was undertaken following the implementation of 3 x trial pits as recommended within Arboricultural Report dated 14th July 2015. This Addendum Note provides information regarding these trial pits in relation to the neighbouring Hawthorn tree, T3 and the proposed development.

## **2. Arboricultural comments in relation to survey**

2.1 The 3 x trial pits were dug in the locations as specified within *Appendix B.1* of the Arboricultural Survey and Impact Assessment Report to the following specifications:

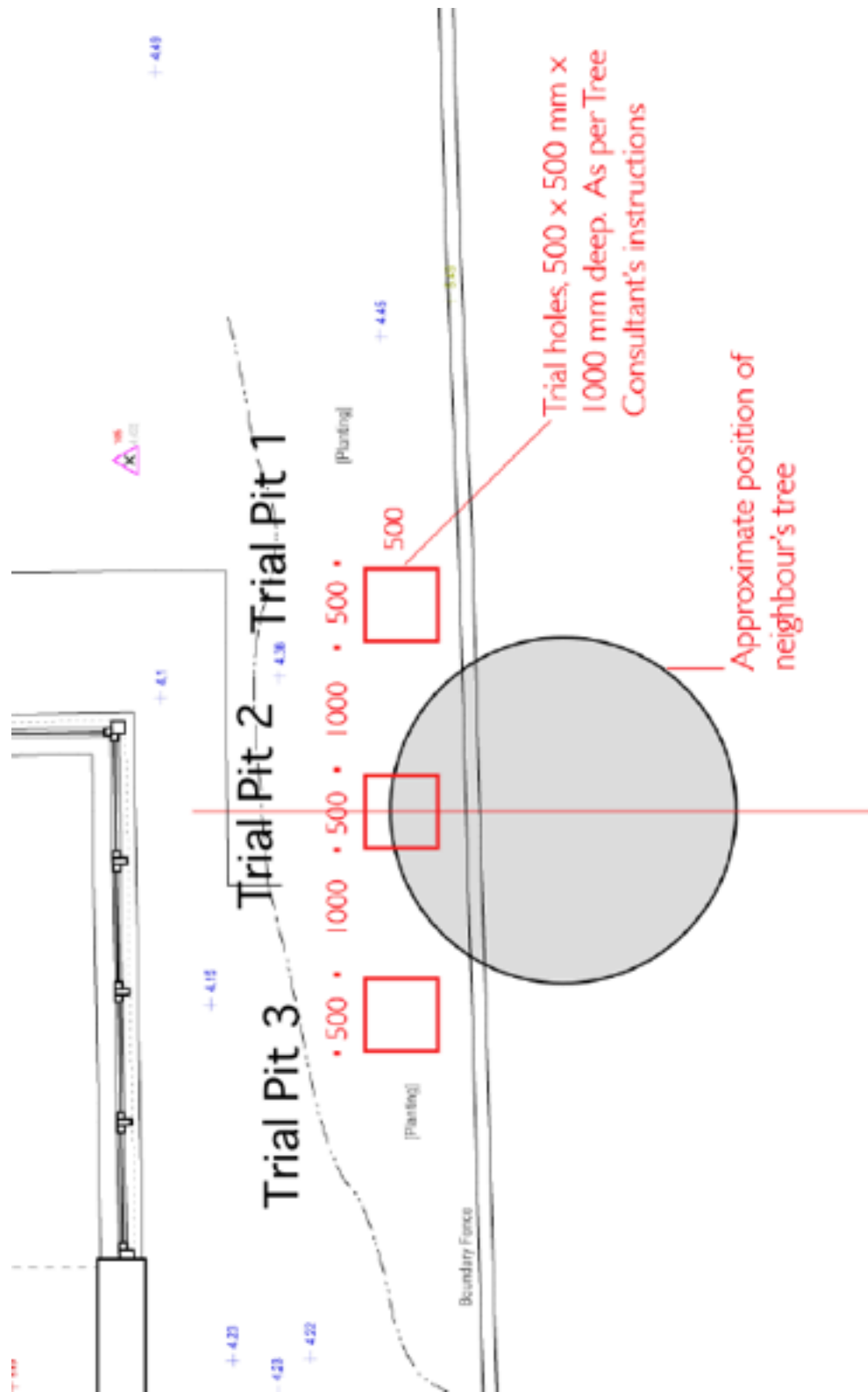
- 1000mm depth x 500mm width x 500mm width

2.2 The trial pits have been entirely dug by hand, as undertaken by *Phillip Banks Design & Build* with strict instructions that all roots larger than 25mm in diameter should not be severed and left exposed and *in situ*.

2.3 A site visit was undertaken on Wednesday 29th July 2015 in order to undertake an inspection of the trial pits and provide further information regarding the tree root morphology of T3 within the rear garden of 45 Flask Walk, neighbouring the location of the tree.

2.4 The results of the site visit and trial hole inspection are provided in *Section 3* below. It should be noted that the trial pits have been left exposed for further inspections where required.

3. Trial Pit Location Site Plan - 45 Flask Walk



#### 4.1 Trial Pit 1 - Observations & Photographs

4.1.1 Trial pit 1 has been dug 1.5m from the outerpoint of tree T3 to the closest point of the trial pit on the south east corner of the trial pit.

4.1.2 Photographs of trial pit 1 are shown below:

*As viewed in a northerly direction*



*As viewed from overhead*



4.1.3 As is evident from the site photographs very limited root activity has been encountered during the hand dug excavations for this trial pit. Even the face of within the trial pit closest to the Hawthorn tree, T3, shows minimal fibrous root growth with no larger anchorage tree roots.

#### 4.2 Trial Pit 2 - Observations & Photographs

4.2.1 Trial Pit 2 has been dug 1.5m from the outer point of tree T3 to the closest point of the trial pit on the north east corner of the trial pit.

4.2.2 Photographs of trial pit 2 are shown below:

*As viewed in a northerly direction*



*As viewed from overhead*



4.2.3 As is evident from the site photographs very limited root activity has been encountered during the hand dug excavations for this trial pit. As with trial pit 1, the face of within the trial pit closest to the Hawthorn tree, T3, shows minimal fibrous root growth with no larger anchorage tree roots from the Hawthorn tree. It should be noted that an anchorage root approximately 30mm in diameter in the right hand corner of the photograph is from the directly adjacent Laurel (*Prunus laurocerasus*) shrub.

### 4.3 Trial Pit 3 - Observations & Photographs

4.3.1 Trial Pit 3 has been dug 3.3m from the outer point of tree T3 to the closest point of the trial pit on the north east corner of the trial pit.

4.3.2 Photographs of trial pit 3 are shown below:

*As viewed in a northerly direction*



*As viewed from overhead*



4.3.3 As is evident from the site photographs very limited root activity has been encountered during the hand dug excavations for this trial pit. As with trial pits 1 & 2, the face of within the trial pit closest to the Hawthorn tree, T3, shows minimal fibrous root growth with no larger anchorage tree roots. Some fibrous root activity at ground level as shown in the overhead photograph is minimal and below 10mm diameter in size.

## 5. Summary

5.1 The proposed development will encroach within the recommended root protection area (RPA) as discussed within the report but as is evident there is limited root activity from the neighbouring Hawthorn tree (T3) in the area directly to the west of the tree that has been discovered from the implementation of the 3 x trial pits.

5.2 It is possible that a historic boundary wall, brick built with foundations was in place during the initial development of the tree which resulted in tree root deflection, therefore affecting the overall morphology of the root system of this tree.

5.3 It is important to note that despite the findings within this Addendum, the development process would require for a flexible approach to be undertaken during the construction process, in particular for implementation of the basement and construction works / development towards the Hawthorn tree, T3.