

26-3-2015

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### Trial Pit Root Inspection Report

Dates: March 23rd, 2015 to March 25th, 2015  
Address: 10 Rosslyn Hill, London, NW3 1PH

Specific Location: Southwest corner of the property, crossing the front footpath; directly adjacent to the tree pit of a mature Platanus

#### Notes on this report:

- All length measurements are given from the property wall/hoarding, towards the carriageway.
- All root depth measurements are given from the top of the existing pavement/soil level near the tree root-flare
- Please remember that photos are indicative and intended as a visual aid only. The written measurements throughout the report supersede those in the photographs showing the measuring implements. The structure of the root system and the subsoil occasionally blocked us from obtaining photos as close to the edge of the excavation as possible.
- The concrete pad under the paving slabs nearest the carriageway limited our ability to excavate the entire length of the pit; however, we were able to obtain a clear view of root growth, location, size and concentration.
- The excavation allowed us to clearly see that there were no structural roots over 25mm in diameter within 230mm of the surface grade. All the roots above this level are primarily fibrous and/or no larger than 24mm in diameter. The majority of the visible roots over 25mm in diameter are located at 290mm or below.
- Fiber Optic cables, electricity and old water pipes were also encountered.

Please do not hesitate to contact me if further information is needed.

Yours sincerely,



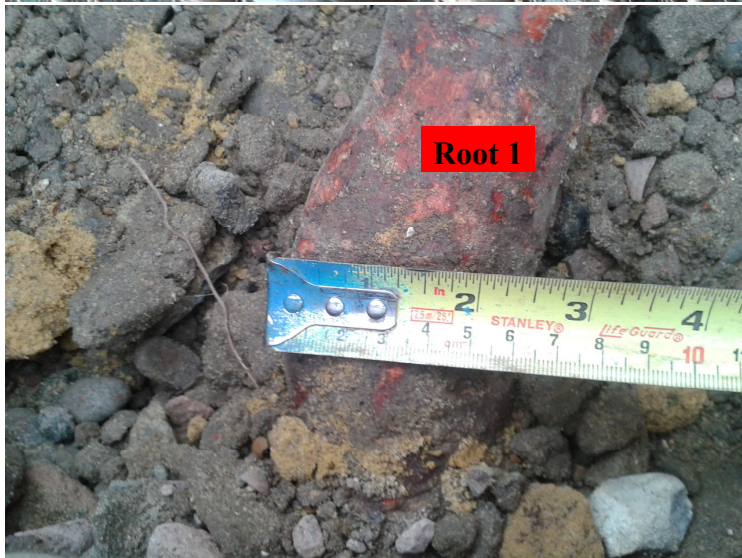
Jennifer Brookes  
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Trial Pit via air-spade: 5.5m x 500mm x 450mm\*

\*Concrete obstruction limited the tree pit to 3.15m x 500mm x 450mm

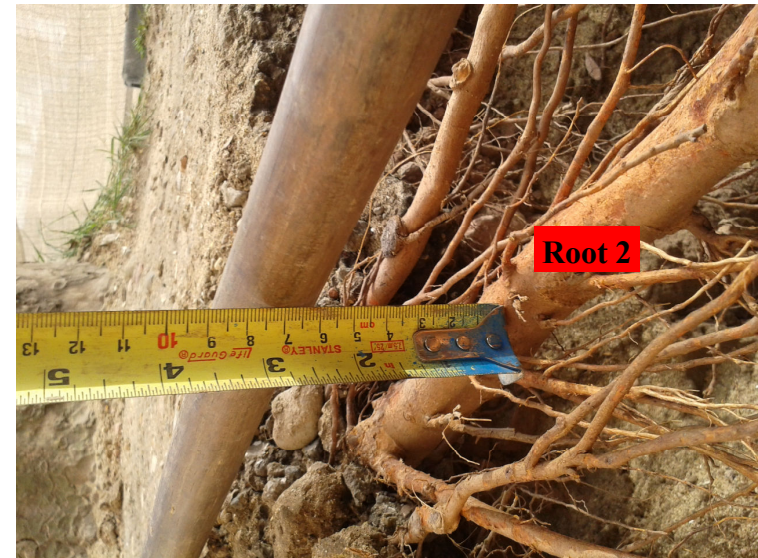




**Root 1:**

- 1) 125cm from property wall
- 2) 330mm below existing grade\*
- 3) 60mm diameter, at the edge of the excavation closest to the tree

\* Below working space



**Root 2:**

- 1) 135cm from property wall
- 2) 50mm below existing grade
- 3) 24mm diameter, at the edge of the excavation closest to the tree



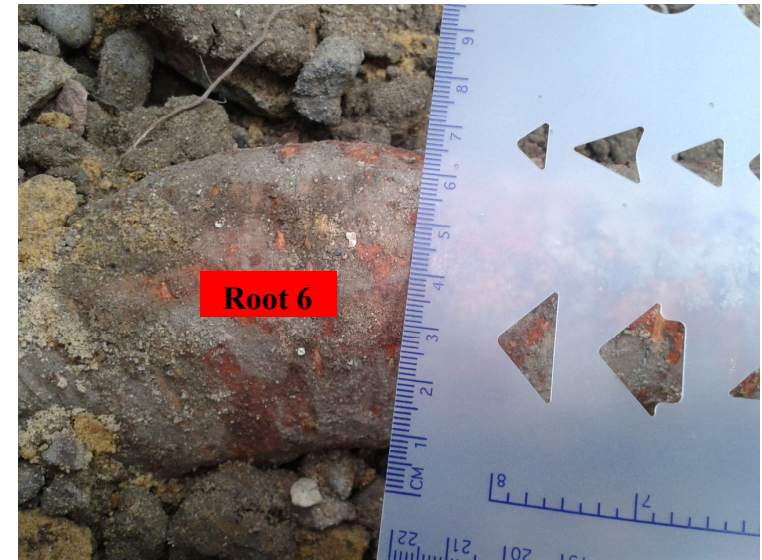
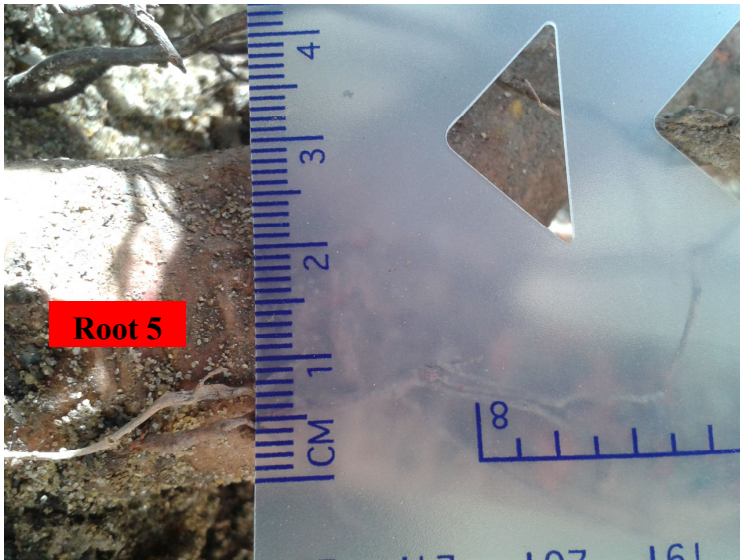
**Root 3:**

- 1) 136cm from property wall
- 2) 240mm below existing grade
- 3) 80mm diameter, at the edge of the excavation closest to the tree



**Root 4:**

- 1) 150cm from property wall
  - 2) 290mm below existing grade\*
  - 3) 30mm diameter, at the edge of the excavation closest to the tree
- \*Below working space



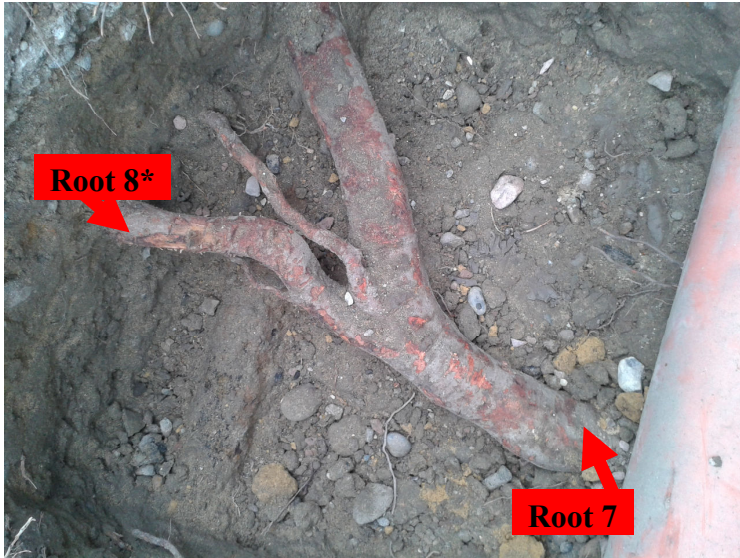
**Root 5:**

- 1) 170cm from property wall
- 2) 230mm below existing grade
- 3) 30mm diameter, at the edge of the excavation closest to the tree

**Root 6:**

- 1) 210cm from property wall
- 2) 350mm below existing grade\*
- 3) 80mm diameter, at the edge of the excavation closest to the tree

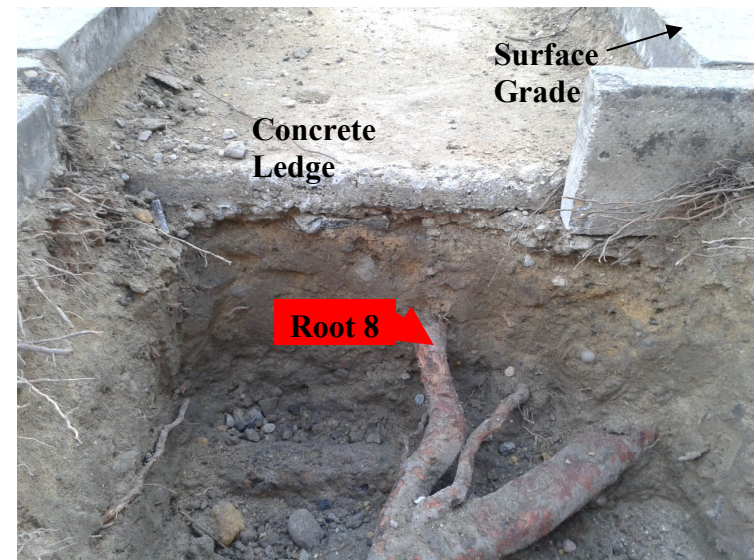
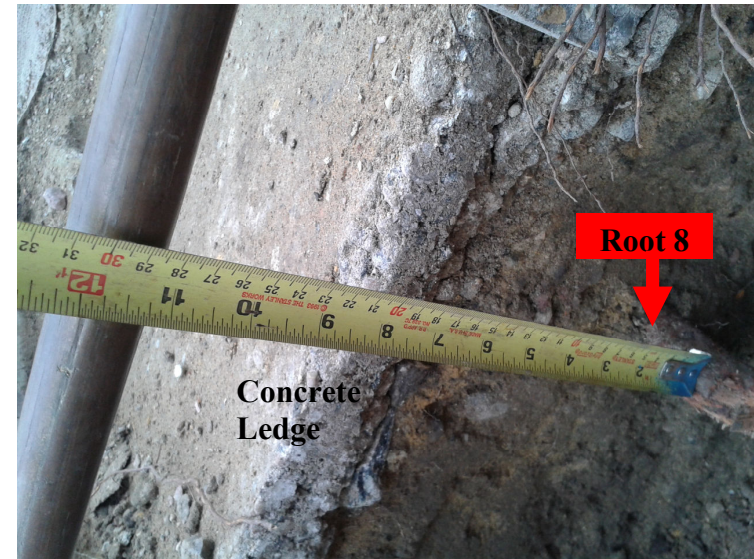
\*Below working space



**Root 7:**

- 1) 280cm from property wall
- 2) 350mm below existing grade\*
- 3) 80mm diameter, center of excavation

\*Below working space: See Root 8 for information on the portion of the root closer to working space depth



**Root 8:**

- 1) 310cm from property wall
- 2) 300mm below existing grade\*
- 3) 35mm diameter, center of excavation

\*Below working space