

Site investigation Report

3 Ashfield Close, Richmond, Greater London, TW10 7AF

Introduction

Arbtech Consulting Limited (Arbtech) were instructed by Paul Chatelier on the 25th August 2020 to attend 3 Ashfield Close, Richmond, Greater London, TW10 7AF (site) and to document the findings of the trial excavations undertaken by Ruskins Trees and Landscapes (Ruskins).

Excavations

The excavations were undertaken using manual excavation methodology primarily with an air spade. Ruskins undertook the excavation between 28th September 2020 and 30th September.

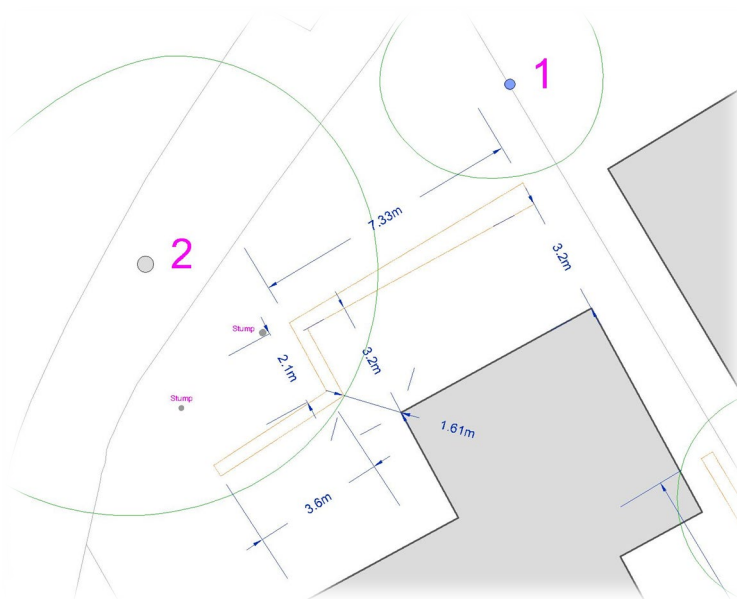
The excavations were undertaken for two (2) trenches, one (1) in the front garden and one (1) in the rear garden along the eastern boundary, the idea of which was to expose the outer edge of the proposed extensions closest to the trees.

Trench 1

The excavation is a 'Z' shaped trench within the front garden following the shape of the front of the house. The trench extends 7.33m from the eastern side of the garage wall and then turned 90 degrees (2.1m) towards the house before turning 90 degrees again (3.6m) across the front of the house.

The overall length of the trench was 13.03m, 350mm – 650mm wide and between 550mm and 600mm deep. A total of sixteen (16) individual roots were exposed within the trench with diameters between 15mm and 75mm.

For the full dimensions of diameters, depths and locations of the roots see appendix 1: Root Investigation Record Sheets and Appendix 2: Site Investigation Plan, drawing number Arbtech SIP 01.

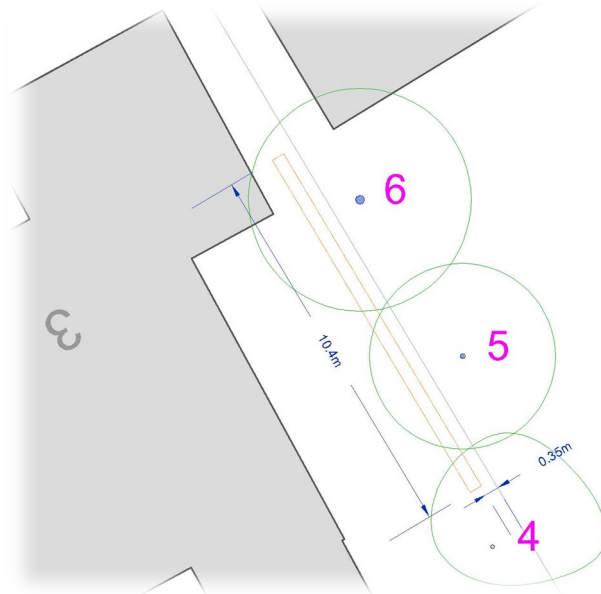


Trench 2

The excavation is a straight trench along the eastern site boundary within the rear garden.

The overall length of the trench was 10.4m, 350mm wide and between 700mm and 900mm deep. A total of five (5) individual roots and two (2) root masses were exposed within the trench with diameters between <3mm and 65mm.

For the full dimensions of diameters, depths and locations of the roots see appendix 1: Root Investigation Record Sheets and Appendix 2: Site Investigation Plan, drawing number Arbtech SIP 01.



Appendix 1: Root Investigation Record Sheets

Root Investigation Record Sheet

22 The Chase, Crowthorne, Wokingham, Berkshire, RG45 6HT

Client: Paul Chatelier

Date: 30th September 2020

Site Address: 3 Ashfield Close, Richmond, TW10 7AF

Surveyor: Matthew Middle

Trench 1

Trench Width: 350mm to 650mm

Trench Depth: 550mm to 650mm

Root No.	Root Diameter (mm)	Root Depth (mm)	Comments / Notes
R1	24	290	Apple – From felled tree
R2	75	45	Apple – From felled tree; severed at most likely at time of driveway installation.
R3	32	100 to 200	Apple – From felled tree
R4	50	150	Apple – From felled tree; upper surface damage
R5	28	180	Apple – From felled tree
R6	15	250	Apple – From felled tree
R7	15	150	Apple – From felled tree
R8	18	100	Apple – From felled tree
R9	50	270	Apple – From felled tree; upper surface damage
R10 to R12	18 to 25	500	Apple – From felled tree; 3 intertwined roots
R13	23	150	Apple – From felled tree
R14	23	50	Whitebeam; upper surface damage
R15	17	50	Apple – From felled tree
R16	17	100	Apple – From felled tree; loop on single side of trench

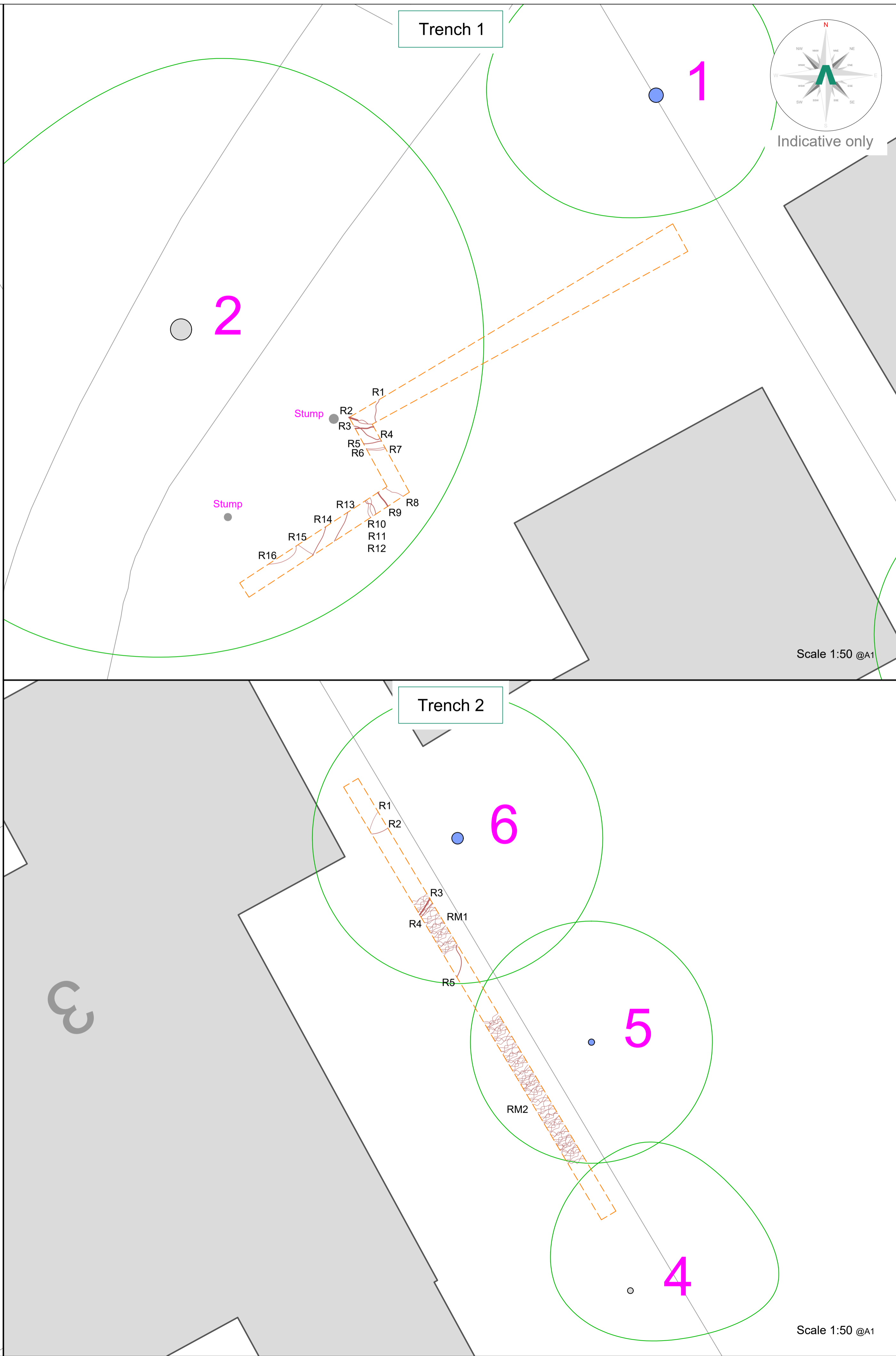
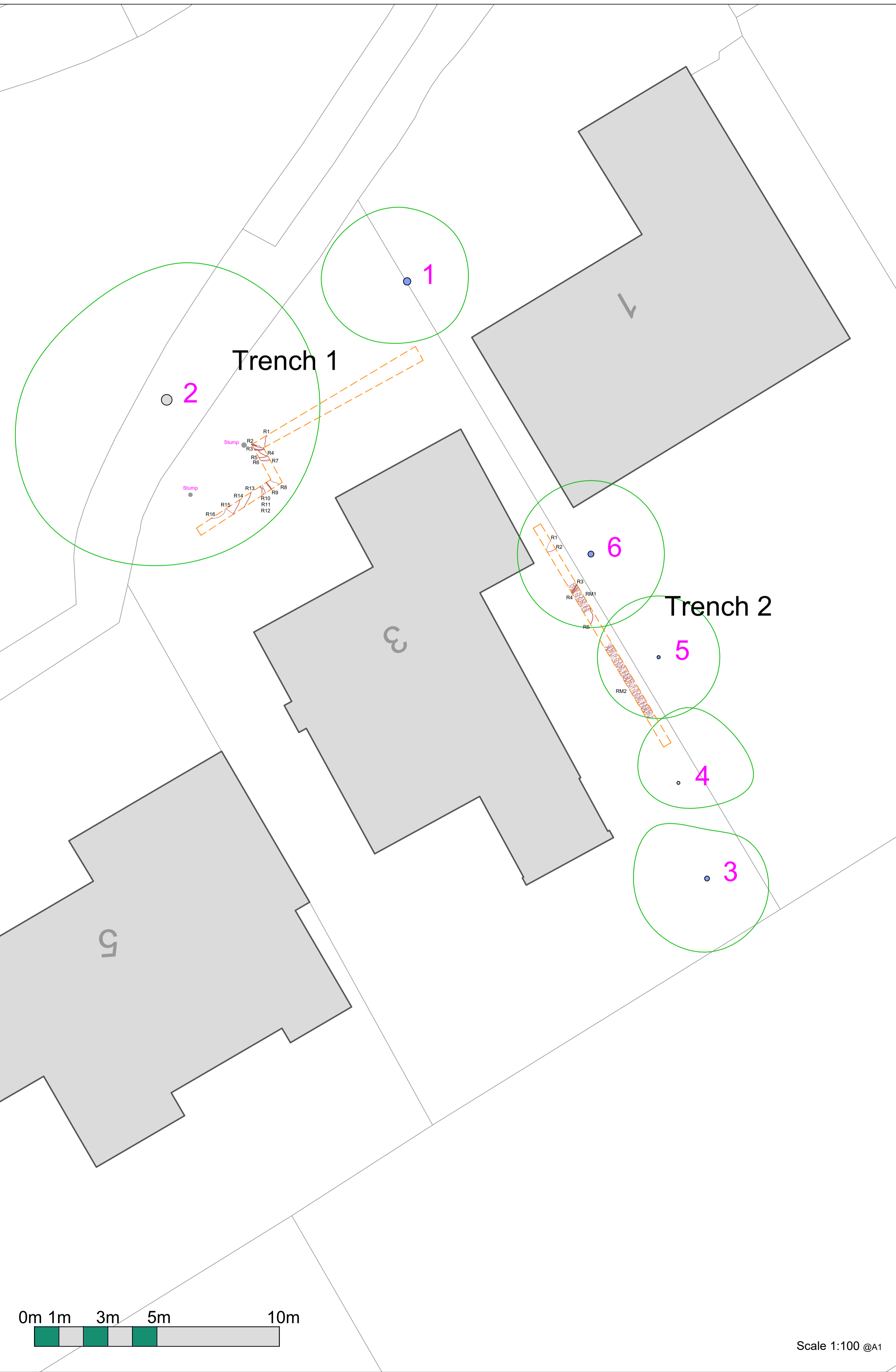
Trench 2

Trench Width: 350mm

Trench Depth: 700mm to 900mm

Root No.	Root Diameter (mm)	Root Depth (mm)	Comments / Notes
R1	12	350	Ginkgo
R2	20	300 to 650	Ginkgo; low to high
R3	65	600	Ginkgo
R4	20	300	Ginkgo
R5	22	100	Ginkgo; 'L' shaped
R6	65	200	Dead root; species un-identifiable
RM1	<5	-	Ginkgo; 10 roots below 5mm diameter
RM2	<3	-	Birch; 30 roots below 3mm diameter

Appendix 2: Site Investigation Plan – Arbtech SIP 01



ARBTECH
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Project: 3 Ashfield Close, Richmond, Greater London, TW10 7AF.

Client: Pennee Bell

Drawing: Site Investigation Plan

Based on: OS Tile

Drawing No: Arbtech SIP 01 Rev:
 Date: Nov 2020 Scale: As shown Drawn: MGM


Key:

Tree Nos.:	1	Tree Canopies:		Trunks:	
Category 'B' trees:		Category 'C' trees:		Root Nos.:	R1
Trench:		Individual root:		Root mass:	

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based. This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of mature trees. This drawing is not to be read as a definitive part of the engineering or construction design or method statement. An architect or structural engineer should be consulted over any matters of construction, loading or specification, and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services. This drawing was produced in colour - a monochrome copy should not be relied upon.

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Document Production Record

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