

<b>Arboricultural Advice</b>		<b>Prepared by:</b>	<b>Hal Appleyard</b>
<b>Project:</b>	<b>2 Maresfield Gardens, London NW3</b>	<b>Produced for:</b>	<b>AZ Urban Studio</b>
<b>Date: 13.06.16</b>	<b>Ref: ha/an1/2maresfield</b>		
<b>Planning Ref:</b>	<b>2015/6894/P</b>		

## 1.0 Introduction

- 1.1 Following submission of an arboricultural impact assessment report with a suite of application documents, the Council's arboricultural officer requested some further details relating to the potential for root growth in respect of Lime trees within G5 (see Fig 1 below and attached tree protection plan)

Fig. 1 Root investigation work location as requested by Camden Council (hatched area circled)





## 2.0 Tree root investigation report

- 2.1 Following manual excavations undertaken by a professional arboricultural contractor (Ruskins) 16.05.16, a brief report of the findings are provided below:

*'We [Ruskins] excavated a small pit around 90cm deep and 1 metre square, through thick heavy clay (the Air Spade was very very slow and we carefully hand dug where it was not working). **We found no roots.** The pit was much smaller than anticipated due to the adjacent and very large manhole cover. The extent of works in light of the manhole cover were agreed on site.'*

- 2.2 It is to be noted that the adjacent manhole (inspection chamber) is a mass concrete chamber, physically preventing lateral root growth. It is also to be noted that no roots were encountered, potentially owing to the very dense clay that was excavated, which is commonly an inhospitable growing medium. I have provided the photographic record below.

Negligible rooting within the heavy clay	The robust inspection chamber is arrowed and prevents lateral root growth
	

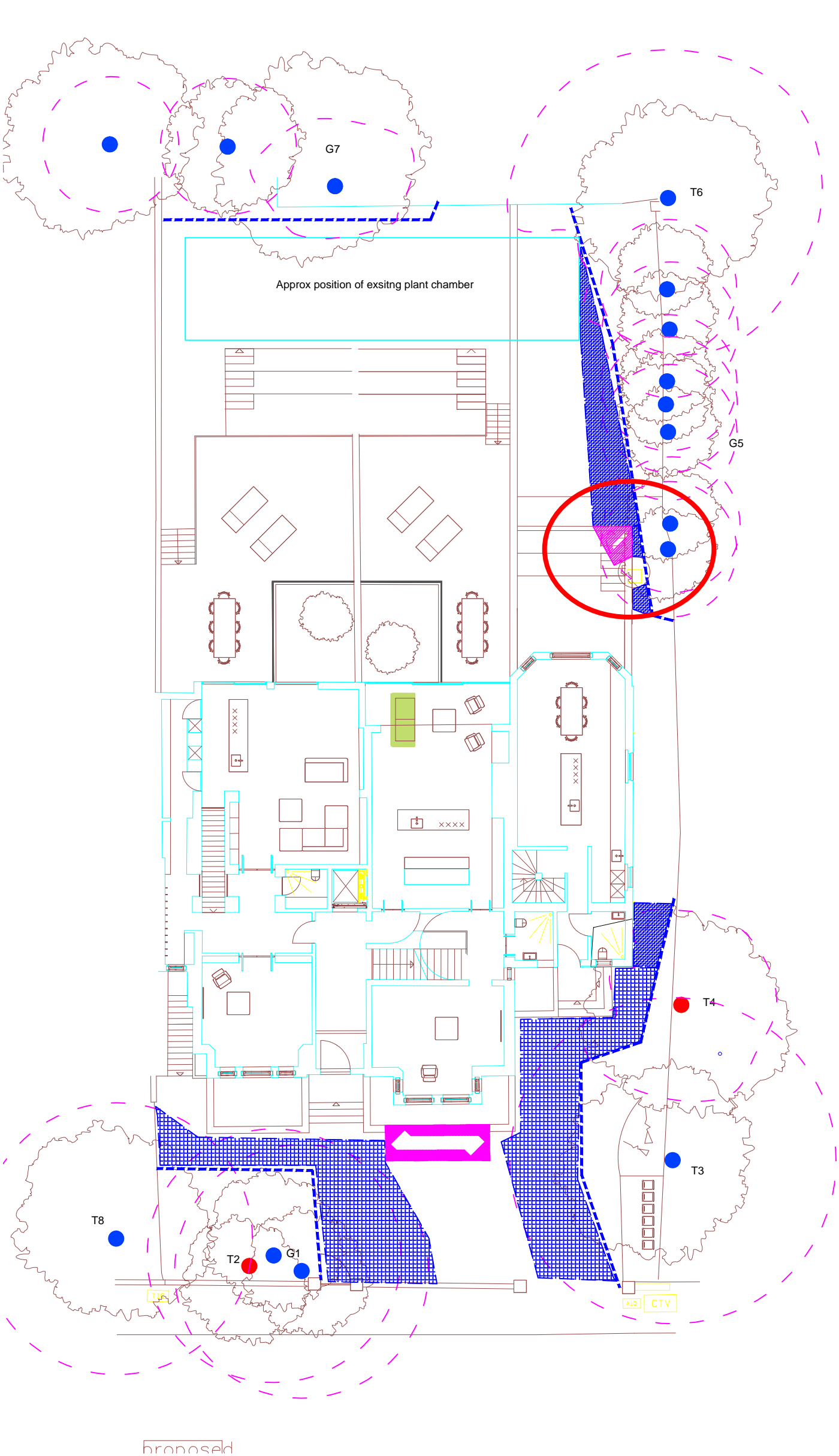
- 2.3 In view of the very heavy clay conditions, the lack of substantial rooting and the presence of existing physical root barriers to lateral growth, the prospect of harm arising to the retained trees within G5 is very low. This is not to say however, care is to be taken when excavating in this area for the construction of the proposed steps and it will continue to be prudent to undertake this work manually in the first instance, with specialist supervision.

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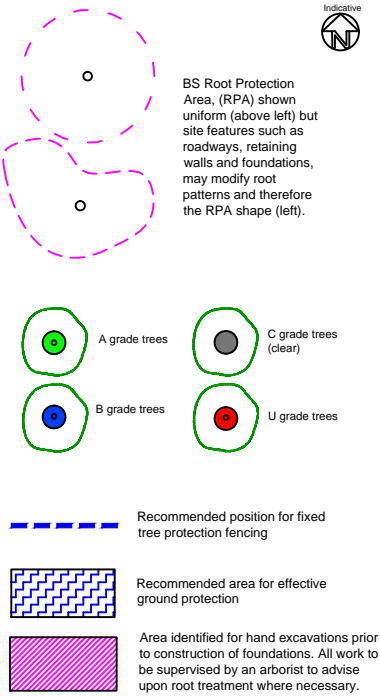


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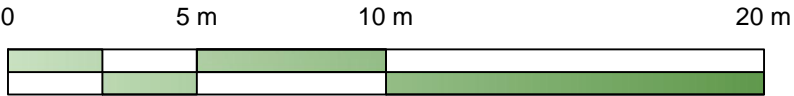


ACS CONSULTING LEGEND



Tree Protection Methods to be adopted on site.

1. Undertake pre-commencement site meeting to agree tree protection methods and timings.
2. Carry out any permitted tree works - ask before beginning.
3. Fix in place all tree protection fencing to conform with BS 5837 (see Appendix ).
4. Install ground protection see Tree report Appendix 4.
5. Undertake demolition in accordance with contractor's specification
6. Clear debris from site.
7. Construction phase.
8. Remove fencing and ground protection.
9. Undertake landscaping.



Scale: 1:200

Client : -		
Project : Maresfield Gardens, London NW3 5TE		
Title : Tree Protection Plan		
Scale : 1:200A3	Dwg No : TPP_MP	Rev : A
Date : Sept 15		

Do not scale from this drawing. Any discrepancies are to be reported to ACS Consulting.  
This drawing is to be used when printed to scale & in colour.

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