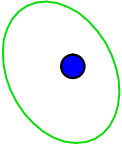
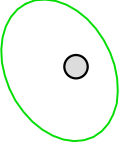


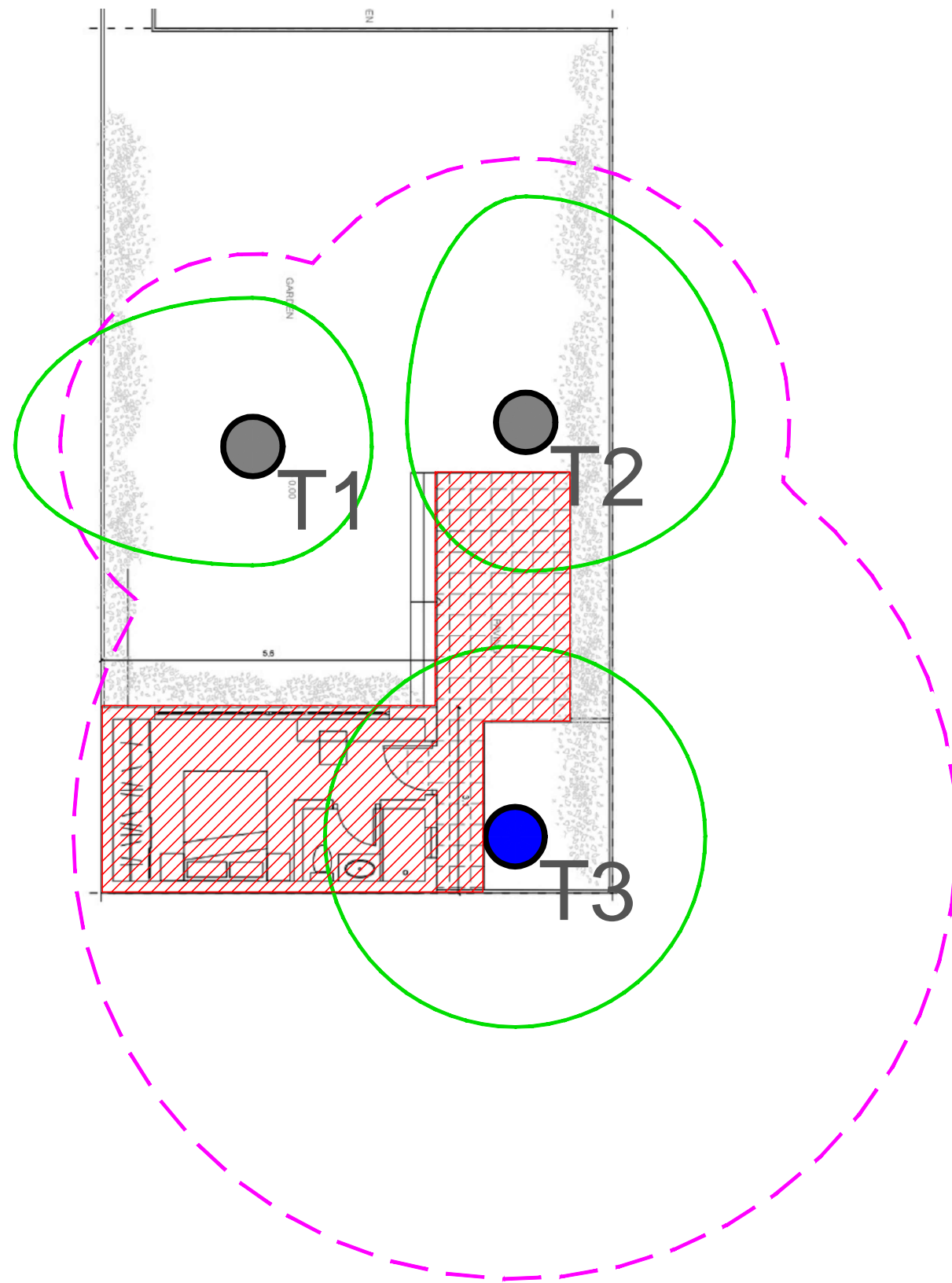


BS 5837 category key

-  Category B tree
-  Category C tree
-  Root Protection Area (RPA) - a layout design tool indicating where the protection of roots and soil structure is necessary
-  RPA Incursion 1



As can be seen from this diagram; there appears to be an incursion into the RPA's of T2 and T3; however there are mitigating factors which are discussed below:

The proposed building will be constructed on top of the existing level of the raised brick planter that contains the Pear T3 (i.e. on a floating raft).

The proposed patio will also be constructed at the same level as the existing brick planter.

The proposed patio and building will be accessed by steps constructed from the existing ground level of the lawn up to the new level.

This is effectively a pile and beam construction and all of the required pile foundations will be hand dug to avoid root damage. To avoid further damage to the roots, the holes will also be lined with plastic sheeting before in-filling with concrete.

Please note that although Pear (T1) is a high value tree and worthy of retention; the Apple tree (T2) has a much lower amenity value, and could defensibly be removed to facilitate the proposals.

Potential size of parts of RPA's affected:

T1 - 0% of RPA
 T2 - 8m² of 62m² = 13% of RPA
 T3 - 30m² of 174m² = 17% of RPA

Note: Research has shown that healthy trees of most species are able to withstand the loss of some roots, to a maximum of about 20% of the rooting area, with no long term detrimental impact (Helliwell & Fordham 1992).

Scale 1:100 @ A3

Site Address
71a Dartmouth Park Road, NW5

Client Franck Chesse	Drawing No TH/A3/1011/B
-------------------------	----------------------------

Job Ref TH1011/B	Date 24/03/2015
---------------------	--------------------

Trevor Heaps
Aboricultural Consultancy Ltd

07957 763 533
trevor@trevorheaps.co.uk
www.trevorheaps.co.uk

