Simon Pryce Arboriculture

Tree protection method statement

Client:	**Solid Foundations**
Site:	**Hollybank, Muswell Hill, London, N10 3TH**
Date:	**7 February 2016**
Reference:	**13/078 AMS**
Author:	**Simon Pryce, B.Sc., F.Arbor.A, C.Biol, MSB, MICFor** **Arboricultural Association Registered Consultant**

CP House, Otterspool Way, Watford, Herts, WD25 8HP
tel. 01923 467600
www.simonpryce.co.uk
info@simonpryce.co.uk

Arboricultural Association
REGISTERED CONSULTANT

1 Introduction

1.1 This method statement has been prepared on the instructions of Crawford Partnership, the architects acting for Solid Foundations in respect of the redevelopment of Hollybank, Muswell Hill, N10 3TH.

1.2 The original application, ref HGY/2013/2606 was refused by Haringey Council and allowed at appeal, PINS reference APP/Y5420/W/15/300483. Conditions 11 and 12 of the appeal decision state:

11) Prior to the commencement of any development hereby approved, and before any equipment, machinery or materials are brought onto the site for the purposes of the development hereby approved, details of the specification and position of the fencing for the protection of any retained trees within and adjacent to the site to comply with BS 5837:2012 shall be submitted to and approved in writing by the local planning authority.

12) Prior to the commencement of any development hereby approved, a site meeting must take place with the architect, the consulting arboriculturalist, the local authority arboriculturalist, and the planning officer to confirm the protection measures to be implemented. All protective measures must be installed by the Council arboriculturalist and thereafter be retained in place until the works are complete.

1.3 This method statement addresses those conditions on the assumption that "installed" in the last sentence of condition 12 should be "approved".

1.4 It is based on my previous survey and Arboricultural Impact Assessment (AIA), which also recommended that a tree protection plan and method statement should be prepared. However there have been significant changes to the layout since the layout was prepared, so the comments about tree retention have been superseded by this document.

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This document is to be read in conjunction with the survey report and tree protection plan [TPP]. Any queries are to be referred to the arboriculturist.

Preliminaries

1. Before any demolition or building starts the contractor and arboriculturist are to agree all work affecting trees, particularly protective fencing, access routes and storage areas.

2. The trees scheduled for felling are to be removed, with the stumps and main roots. These are: T10 - 18, collapsed fig near T21, T21, T25, T26, T28-30, T32, T33.

3. Protective fencing is to be erected, so as to provide continuous barriers round the trees to be retained as shown on the TPP. If it is more practical or convenient distances from the trees may be increased, but they must not be reduced without the agreement of the arboriculturist.

4. Fencing is to be at least 2m high and sectional welded mesh fencing [e.g. Heras], or plywood, on a scaffolding framework as in figure 1. Diagonal braces are to be anchored to scaffold poles driven into the ground or the proprietary concrete weighted base plates.

5. Each run of fence is to have at least one warning sign, as shown in figure 2, or a suitable alternative giving the same information.

6. It will be necessary to work on the soft ground within the RPAs of trees T20, 21 and 27 to the rear of the NW facing building. The options for ground protection there are:

    - for pedestrian movements only, a single thickness of scaffold boards or 18mm min plywood placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a Terram ® or similar geotextile membrane (fig 3);

    - for pedestrian-operated plant up to a gross weight of 2 t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane. Figure 4 shows a typical proprietary system.

    - for wheeled or tracked plant exceeding 2 t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.

7. No fencing or other tree protection is to be moved or dismantled without the agreement of the arboriculturist.

Work methods

8. Pedestrian access paths within RPAs are to be permeable and laid using approved no dig or minimal dig methods.

9. No work is to take place within fenced areas without the prior agreement of the arboriculturist and without suitable alternative protective measures.

10. No equipment, machinery or structure shall be attached to or supported by any retained tree.

11. Outside RPAs there are no arboricultural constraints on working methods.

12. Any roots found outside protected areas are unlikely to be significant, but any over 25mm diameter found within them and not obviously from recently felled trees should be covered to prevent them drying out and the arboriculturist notified. Smaller roots can be cut cleanly.

13. Cement and concrete mixing must take place as far as possible from RPAs, over a suitable hard surface to prevent soil contamination from spillage or washing out into rooting zones.

Storage

14. No materials are to be stored within RPAs except on existing impermeable hard surfaces and where there is no risk of soil contamination.

15. Potential contaminants such as diesel oil, cement and bitumen must be stored as far from RPAs as practical, with provision made for any spillage or run off to be contained away from rooting areas.

Landscaping

16. Protective fencing and ground protection are to remain in place until all demolition, construction and hard landscaping are complete.

17. Outside the RPAs there are no arboricultural restrictions on hard landscaping.

18. Within the RPAs only soft landscaping is to take place. No levels are to be changed beyond what is required for planting and any irrigation pipes are to be above ground or dug in by hand.

19. No persistent soil acting herbicides are to be used.

Completion

20. Once site work is complete the trees are to be reinspected and any necessary final pruning or other work are to be carried out.

Contact details

Position	Name	Phone	Mobile	e mail
Arboriculturist	Simon Pryce	01923 467600	07710 224906	info@simonpryce.co.uk
Architect	Crawford Partnership	0208 444 2070		info@crawfordpartnership.co.uk
Owner	Spring Properties			
Main contractor	Solid foundations			
Site manager	TBA			

Figure 1 - Tree protection fence details - after BS5837 2012

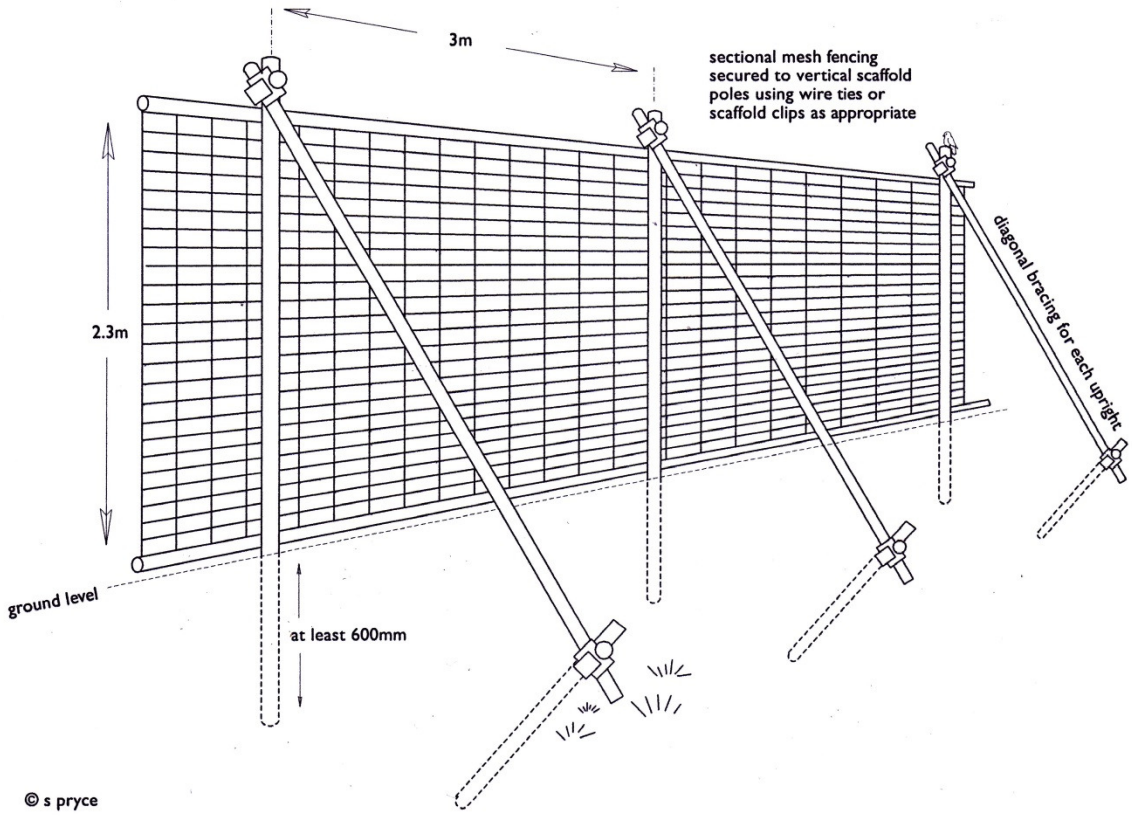


Figure 2 - Warning sign for tree protection fence



Figure 3 - Ground protection within the RPA [based on BS5837:2005]

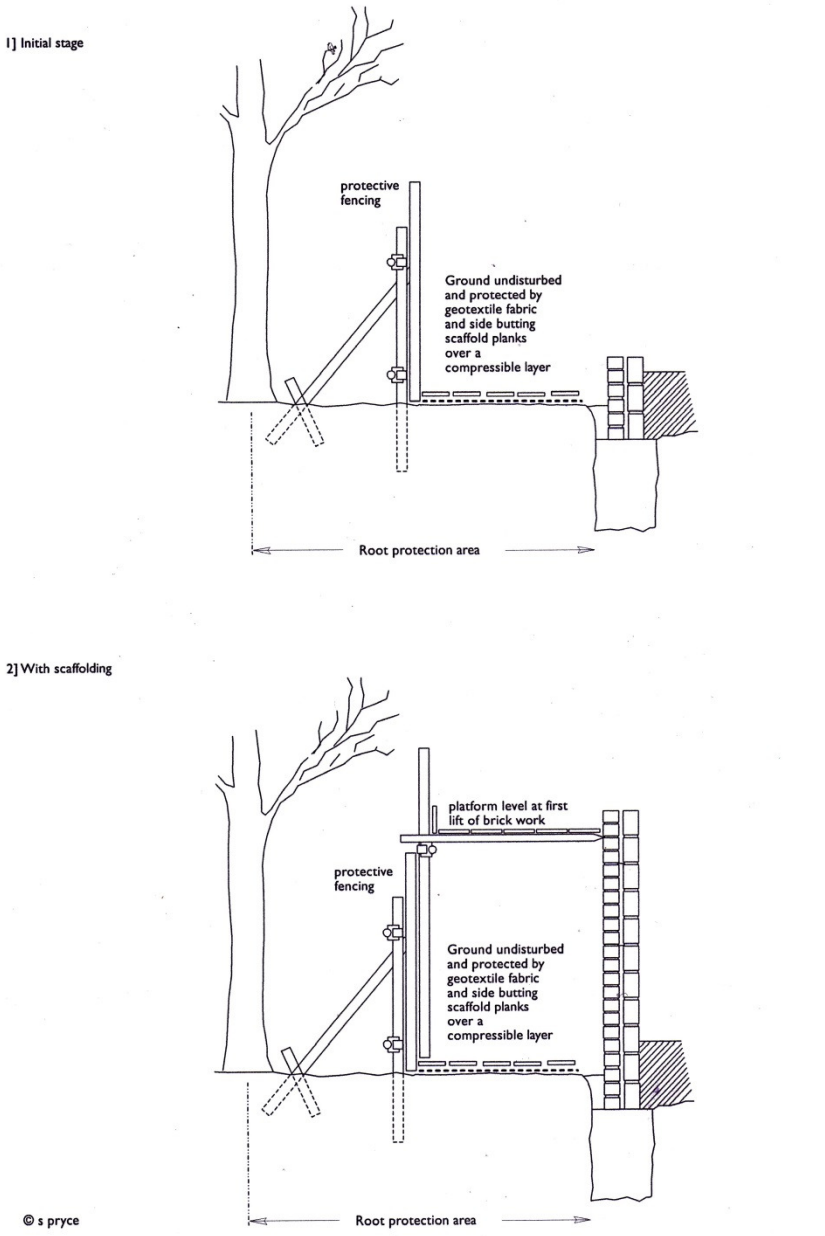


Figure 4 - Proprietary ground protection system

