

**I A N K E E N**  
**L I M I T E D**



**ARBORICULTURAL METHOD  
STATEMENT**

**RELATING TO DEVELOPMENT  
AT**

**CUMBERLAND TENNIS CLUB  
25 ALVANLEY GARDENS  
HAMPSTEAD**

**Our Reference  
AP/9057-RevA/WDC**

**CLIENT**

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## 1 Statement of purpose

- 1.1 The purpose of this method statement is to demonstrate how works will be undertaken on the site to avoid unacceptable arboricultural impact and provide an adequate level of protection for those trees that are to be retained.
- 1.2 This method statement addresses only the existing trees that are present and those to be removed to enable the development.
- 1.3 This method statement considers the systems of work in relation to the health and safety of retained trees. It does not address requirements of the Health and Safety Executive that should be considered in detail by those parties involved.

## 2 Related documents and drawings

- 2.1 This method statement should be read in conjunction with the following documents:

Originator	Title/Reference
British Standards Institute	<i>BS5837:2012 Trees in relation to construction – Recommendations design, demolition and construction</i>

and the following drawings:

Originator	Drg No	Title	Scale
CHDP Architecture	1426-401-A.	Site Plan	1:200 @ A3
Abbey Pynford	GA21264-25	Pile Design	
Abbey Pynford	CALC-01	Design Calculation Sheet	
Abbey Pynford	GA21264-DRG01A	General Arrangement Drawing showing slab setting out	1:500 @ A1
Abbey Pynford	GA21264-DRG02A	General Arrangement Drawing showing pile setting out	1:500 @ A1
Abbey Pynford	GA21264-DRG03A	General Arrangement Drawing showing angle setting out	1:500 @ A1
Abbey Pynford	GA21264-DRG04A	General Arrangement Drawing showing checking dimensions	1:500 @ A1
Abbey Pynford	GA21264-DRG05A	General Arrangement Drawing showing additional reinforcement	1:500 @ A1
Ian Keen Limited	9057/01	Tree Constraints Plan	1:200 @ A3
Ian Keen Limited	9057/02 Rev.A	Tree Protection Plan	1:200 @ A3

### **3 Arboricultural issues**

- 3.1 Detail of the trees and their protection are discussed and detailed in the documents, and shown on the drawings listed above and should be read in conjunction with this method statement.
- 3.2 The proposed building will incorporate two squash courts. The structure is within tree root protection areas and on London Clay soil, consequently the building will incorporate a piled raft foundation.
- 3.3 There is an existing tennis court which will principally be removed although the section between the squash courts and tree will remain to both provide access and tree protection during construction.

### **4 Facilitation tree works**

- 4.1 Only hedge 4 is to be removed.

### **5 General site care**

- 5.1 To ensure that the trees to be retained are afforded an adequate degree of protection during the works, the following general precautions will be observed:
  - 5.1.1 No fires will be lit on site within 15m of tree canopies.
  - 5.1.2 No access will be permitted within the permanently barriered areas, unless and only where otherwise approved herein. Ground levels will not be changed within them and existing vegetation and topsoil will be left undisturbed but may be treated with approved herbicides if eradication is required.
  - 5.1.3 No materials, equipment or debris will be stored within any of the barriered areas and no chemicals, petrol or diesel will be allowed to spill where they may contaminate the root protection areas of retained trees
- 5.2 The building compound will be located outside the Construction Exclusion Zone. The construction exclusion zone is identified with red (barrier) line on the drawing.

### **6 Sequencing of works**

- 6.1 A logical sequence of events is to be observed as follows:
  - Stage 1 Carry out removal of the hedge 4.
  - Stage 2 Erect the temporary protective barriers in areas where shown on the Tree Protection Plan drawing.
  - Stage 3 Install the piles using the existing tennis court surface as a piling mat.

Stage 4 Remove tennis court surface as appropriate to allow for installation of supported slab.

Stage 5 Install reinforced slab foundation.

Stage 6 Construct building.

Stage 7 Remove all temporary protective barriers and ground protection.

## **7 Requirements of the construction process**

- 7.1 Access for construction traffic is restricted to the existing access. No other access is permitted to the site without prior approval from the Local Planning Authority.
- 7.2 Contractors' car parking shall be outside the construction exclusion zone.
- 7.3 Phasing of construction work, where it might impact upon trees, is detailed in section 6.
- 7.4 Space for cranes, plant, scaffolding and access during works is available outside the construction exclusion zone.
- 7.5 Space for storing materials, site huts, spoil and fuel and the mixing of cement and concrete is available outside the construction exclusion zone.

## **8 Protective barriers and ground protection**

- 8.1 Temporary barriers will be erected as indicated on the Tree Protection Plan 9057/02 Rev.A. The specification for these barriers will be in accordance with the recommendations given in *BS5837:2012 Trees in relation to design, demolition and construction – Recommendations* Section 9.2 and will comprise 2.0m mesh fencing (Heras type panels are a simple, readily available solution) with support stays to brace the barriers; it may be appropriate however to secure the fence to the existing fence given the sloping ground. A typical example is shown on the Tree Protection Plan. Clear signs will be attached at 6 metre intervals along the line of fencing stating 'Tree Protection Area – No Access'.
- 8.2 The area protected by the barrier shall be known as the Construction Exclusion Zone.
- 8.3 The barriers shall remain in place until the main construction work is completed. No other construction activity will take place within those areas formerly protected by the barrier (see Section 5).
- 8.4 Ground protection will simply be the existing tennis court surface.
- 8.5 The protective barriers shall be installed at Stage 2.

8.6 The site manager shall inspect the protective barriers and ground protection daily and rectify any defects immediately on discovery. A record of the site manager's actions in regard to arboricultural matters shall be kept for inspection by the arboriculturalist on request.

## **9 Treatment of existing hard surfaces**

9.1 The existing tennis court will be removed as necessary prior to the installation of the reinforced slab. The surface will be 'pulled back' by the excavator and taken offsite.

## **10 Creation of new hard surfacing within root protection areas**

10.1 There is a small area where hedge 4 will be removed that will need to be surfaced to facilitate access, this has not been determined but will only be of shallow construction for pedestrian and light machine (mowers and buggys etc.) due to constricted access.

10.2 This surfacing will be including in landscaping works.

## **11 Excavations proximate to root protection areas**

11.1 No deep excavations for foundations are required proximate to the root protection area as a piled raft will be used. Details of the foundations are set out within the Abbey Pynford specification.

11.2 The piles will cause minimal disruption to any roots present and overall they will have a negligible impact on the retained trees.

## **12 Reinstatement and landscaping within the construction exclusion zone**

12.1 The landscaping is to be detailed, any surfacing will, where achievable be built up within root protection areas to avoid excavation.

12.2 Final grading to marry in new levels with existing ground will be achieved by importing topsoil and spreading by hand equipment only. The imported topsoil shall meet the general requirements of BS 3882 and be applied as thinly as possible to achieve a satisfactory gradient. The newly graded areas will be grass seeded, turfed or planted by hand. All tree and shrub planting pits will be dug by hand.

## **13 Planning, communication and supervision**

13.1 Direct supervision for activities on this site is not required, the protective barrier and ground protection can be installed and photographed by the homeowner or site manager.

13.2 These photographic records can be forwarded to local authority on request.

- 13.3 Should any problems arise on site, the site manager will immediately inform the appointed arboricultural consultant who will assess the situation and make recommendations accordingly. If any modifications to the method statement are proposed, the arboricultural consultant will immediately advise the local authority arboricultural officer.
- 13.4 A list of contacts is attached at Appendix 1.
- 14 Conclusion**
- 14.1 If the provisions of this arboricultural method statement are complied with in full, the proposed works will be able to proceed without detrimental impact to retained trees.

**APPENDIX 1**

**LIST OF CONTACTS**



**LIST OF CONTACTS**

<b>Site Address:</b>	Cumberland Tennis Club, 25 Alvanley Gardens, Hampstead	
<b>Site Manager: *</b>		<b>Tele No: *</b>
<b>Builder:*</b>		
<b>Address:*</b>		
<b>Contact Name: *</b>		
<b>Arboricultural Consultant:</b>	Andrew Poynter	
<b>Address:</b>	Redlands Farm Redlands Lane Ewshot Farnham, Surrey GU10 5AS	
<b>Tele No:</b>	01252 850096 (office)	07889 985233 (mobile)
<b>Local Authority Tree Officer</b>	Al Smith	
<b>Address:</b>	London Borough of Camden 5 Pancras Square London N1C 4AG	
<b>Tele No:</b>	0207 974 4444	

\* To be inserted