

Arboricultural Method Statement relating to development at

*Centric Close
Camden*

Client

Fairview Homes Limited
50 Lancaster Road
Enfield
Middlesex
EN2 0BY

October 2017

9198-KC-XX-YTREE-Method Statement-Rev0

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Document history

Revision	Issue Status	Details	Approved/Date
Rev0	Final	Initial report	JK/ 24 October 2017

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ABSTRACT

Boundary fences will act as protective barriers for the retained trees that are all offsite.

Tree pruning is required.

Removal of existing concrete hard surfacing will be replaced with new surfacing where within the root protection area of retained trees.

No utility installation is required within root protection areas.

1. Statement of purpose

- 1.1 The purpose of this method statement is to demonstrate how works will be undertaken at Centric Close, Camden, 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 has been produced for Fairview Homes Limited in order to inform the construction team and satisfy the requirements of the Local Planning Authority (LPA), London Borough of Camden. The works are the subject of a planning consent and this arboricultural method statement has been prepared to support the discharge of a planning condition.
- 1.3 This method statement merely 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 documents in Table 1 below.

Table 1: Documents referred to

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

and the following drawings in Table 2

Table 2: Drawings referred to

Originator	Drg No	Title	Scale
Allford Hall Monaghan Morris	A-P-00-basement	Not known	Not known
Allford Hall Monaghan Morris	A-P-00-presentation	Not known	Not known
Ian Keen Limited	9198/01	Tree Constraints Plan	1:200
Ian Keen Limited	9198/02 Rev A	Tree Protection Plan	1:200

3. Arboricultural issues & implications

- 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 buildings are located outside the optimum root protection areas of all retained trees although are in close proximity and specific measures are to be taken during construction to protect the trees and their rooting environment.
- 3.3 A portion of the proposed driveway extends within the optimum root protection area of retained trees requiring the adoption of specific construction techniques.
- 3.4 Tree pruning work is required.
- 3.5 Utility provision is not required proximate to trees.
- 3.6 Monitoring of works is not required.

4. Facilitation tree works

- 4.1 Tree pruning is required to accommodate the proposed development.
- 4.2 Details of the tree work are given in the schedule on the Tree Protection Plan referred to in Table 2 above.
- 4.3 All tree work shall be undertaken in accordance with *BS3998:2010:Tree Work – Recommendations*.

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
- 5.1.2 No access will be permitted within the temporarily 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
- 5.1.4 All heavy plant, machinery, cranes and delivery vehicles shall be excluded from the areas demarcated for protection on the Tree Protection Plan.

6. Sequencing of works

6.1 A logical sequence of events is to be observed as follows:

- Stage 1 Pre-commencement site meeting (See Section 12)
- Stage 2 Undertake tree works.
- Stage 3 Confirm protective barriers/boundary fences are in place
- Stage 4 Demolish existing structures
- Stage 5 Implement development construction
- Stage 6 Take down protective barriers (if appropriate) and complete soft landscape works.

7. Protective barriers and ground protection

- 7.1 Temporary barriers will be erected as indicated on the Tree Protection Plan listed in Table 2. In this instance the existing boundary fence will act as protection for the off-site trees. If additional protection is required, 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 6.2 and will comprise 2.0m mesh barriers (Heras type panels are a simple, readily available solution) attached to a scaffold framework. Support scaffolds will be attached to the scaffold framework as necessary at an angle of 45 degrees on the side of the trees and anchored by further scaffold poles carefully firmed into the ground. Alternatively, the alternative specification of Heras type panels, fitted with stabiliser struts as per Figure 3 of BS5837, may be used. Clear signs will be attached at 6 metre intervals along the line of barriers stating 'Tree Protection Area – No Access'.
- 7.2 The barriers shall remain in place until soft landscape operations require its full or partial removal (see section 11). No other construction activity will take place within those areas formerly protected by the fence (see Section 5).

8. Treatment of existing hard surfaces

- 8.1 Where existing hard surfaces are present within the root protection area they shall be broken up and removed by hand.
- 8.2 Roots often exist in the substrate below hard surfaces and extreme care must be taken to avoid damage to them.
- 8.3 Immediately after, the void left as a consequence of their removal shall be filled with good quality topsoil as a prelude to soft landscape unless a replacement hard surface is proposed whereupon it shall be completed in accordance with the instruction contained herein.
- 8.4 In this instance new surfacing and lightweight structures are proposed to replace the existing hard surface by tree group number 1. These replacements shall observe the above requirements and make use of the void created by removal of existing hard surfaces in which to create the new.

9. Creation of new hard surfacing within root protection areas

- 9.1 No new areas of hard surfacing are proposed in a location that requires specialist techniques for their installation.

- 9.2 New hard surfaces proximate to tree group 1 shall observe the recommendations given in section 8 above.

10. Excavations proximate to root protection areas

- 10.1 No excavations are proposed proximate to the root protection area of retained trees.
- 10.2 Foundations for the southern elevation of the proposed building, where it is proximate to tree number 4 appear to be close to the root protection area. At the boundary of the site, in this location, there is a retaining wall with tree 4 growing at a much lower level than the site. Given the depth of foundations for such a retaining wall the roots of tree 4 are not likely to have extended in to the site. Consequently excavations can proceed without likely harm to tree 4.

11. Reinstatement and landscaping

- 11.1 Final grading to marry in new levels with existing ground will be achieved by importing topsoil and spreading by hand equipment only. The newly graded areas will be grass seeded or turfed by hand.
- 11.2 All tree and shrub planting pits will be dug by hand within the root protection areas of existing trees.

12. Planning, communication and supervision

- 12.1 A pre-commencement meeting will take place on site attended by the appointed arboricultural consultant, the tree contractor, the site manager and the local authority arboricultural officer. The purpose of this meeting is to ensure that everyone fully understands the implications of the arboricultural method statement and to agree on finer points of detail prior to any works commencing.
- 12.2 Given the very low level of impact upon the trees it is not considered necessary for an arboriculturist to undertake supervision and monitoring of the works.
- 12.3 It shall be the duty of the client to conform with the requirements of this method statement.

- 12.4 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.
- 12.5 The site manager will brief all site personnel on the implications of the arboricultural method statement. A copy of this method statement will be available on site at all times.
- 12.6 A list of contacts is attached at Appendix 1.

13. Transgression

- 13.1 Failure to adhere to the requirements in this method statement may result in a Stop Notice being issued by the local authority. This will bring all operations at the site to a halt until the local authority permits resumption.
- 13.2 Failure to adhere to the requirements of this method statement that results in damage to a tree subject to a Tree Preservation Order may result in prosecution of the individual, the contractor and the client.
- 13.3 The following measures will be required, but do not absolve the perpetrator from action, if the identified transgression occurs:
- a) Breakage of branches – the damaged shall be assessed by an arboriculturist, they shall advise on requirements and any pruning shall be undertaken in accordance with BS3998:2010 to remove the damaged section.
 - b) Damage to bark – the damage shall be assessed by an arboriculturist and they shall advise on the measures that can be taken to optimise the reparation of the damage. Some paring back of damage may be required.
 - c) Damage to roots – the damage shall be assessed by an arboriculturist and they shall advise on the pruning or reparation required.
 - d) Compaction of soil – where machinery operates outside of ground protection and hard surfaces, leading to the compaction of soil, the compaction shall be alleviated by using compressed air injected to circa 1m deep to create fissures in the ground and lift the compacted areas. The compaction shall be assessed by an arboriculturist. A specialist company (for example Terrain Aeration Ltd) shall be appointed by the contractor to undertake the work.

13.4 All items of transgression shall be reported to the Local Authority tree officer to consider if action should be taken.

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

Site Address:	Centric Close Camden	
Site Manager: *	TBA	Tele No: *
Builder:	Fairview Homes Limited	
Address:	50 Lancaster Road Enfield Middlesex EN2 0BY	
Contact Name: *	David Chalmers	
Arboricultural Consultant:	Jago Keen	
Address:	Keen Consultants, Redlands Farm, Redlands Lane, Ewshot Farnham, Surrey GU10 5AS	
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Local Authority Tree Officer	Tom Little	
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