

DAVID WILSON HOMES



DUNMORE ROAD  
ABINGDON-ON-THAMES

## **Arboricultural Method Statement**

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Aspect Arboriculture  
Hardwick Business Park  
Noral Way  
Banbury  
Oxfordshire  
OX16 2AF

**t** 01295 276066

**f** 01295 265072

**e** [info@aspect-arbor.com](mailto:info@aspect-arbor.com)

**w** [www.aspect-arbor.com](http://www.aspect-arbor.com)

## CONTENTS

<b>1. Introduction</b>	<b>1</b>
1.1 Background	1
1.2 Limitations	1
<b>2. Essential Work</b>	<b>2</b>
2.1 Tree Protection Plan	2
2.2 Tree Removals	3
2.3 Pruning Works	4
2.4 Protective Barriers	4
2.5 Supervised Excavation & Filling of Existing Ditch	5
2.6 No Dig Construction	6
2.7 Proposed Order of Works	8
2.8 Site Manager's Point of Contact for Arboricultural Input	8
<b>3. Conclusions</b>	<b>9</b>

## APPENDICES

Tree Protection Plan	Appendix A
Works Auditing Schedule	Appendix B
Tree Survey Schedule	Appendix C
Tree Protection Barrier Specifications	Appendix D

## 1. INTRODUCTION

### 1.1. Background

- 1.1.1. Aspect Arboriculture has been instructed by David Wilson Homes to prepare an Arboricultural Method Statement (hereafter the AMS) to ensure protection of retained trees during the introduction of residential development at Land to the north of Dunmore Road, Abingdon-on-Thames.
- 1.1.2. Outline planning permission for the development at the allocated site has been granted subject to conditions (ref. P17/V1336/O). Condition No. 6 (reproduced below) requires an Arboricultural Method Statement to be submitted to and approved by the Vale of White Horse District Council (VWHDC) prior to commencement of works onsite. This document has been prepared in direct response to this request.
- 1.1.3. Condition 6: *Prior to the commencement of development, an arboricultural method statement to ensure the protection of trees on the site during construction shall be submitted to and approved in writing by the Local Planning Authority. No works shall be carried out on site (including any demolition works) before the arboricultural method statement has been approved. The arboricultural method statement shall include details of the following:*
1. - *The location, materials and means of construction of temporary tree - protective fencing and/or ground protection measures (in accordance with BS 5837/2012 'Trees in relation to Construction');*
  2. - *The programme for implementing and retaining such tree protection measures;*
  3. - *Any works to trees (in accordance with BS 3998/2010 'Tree Works') to be carried out to prevent accidental damage by construction activities.*
- 1.1.4. Following submission of the previous application, Aspect attended two meetings with the LPA dated 25<sup>th</sup> & 30<sup>th</sup> July 2019. During the meetings with the LPA, it was agreed that although the extent of road widening to Wootton Road will impact upon significant areas of the frontage trees' theoretical RPAs, the presence of a deep ditch immediately to the west of the trees would in all likelihood reduce the number of roots present within the highways verge.
- 1.1.5. The trees were previously recommended for removal because of the cumulative impact of both realigning the existing ditch, and widening Wootton Road. It was subsequently

agreed that due to the reduced prevalence of tree roots within the highways verge, the road widening alone could be undertaken whilst retaining a number of the trees.

- 1.1.6. Following the meetings with the LPA, the drainage scheme has been redesigned to route the replacement ditch further east, outside the frontage trees' RPAs as much as possible, enabling the retention of an additional five frontage trees, providing maturity to the development .
- 1.1.7. The protection of retained trees will be achieved through the use of the appended Tree Protection Plans (Appendix A) and Works Auditing Schedule (Appendix B) alongside other supporting documents included within Appendices C & D.

## **1.2. Limitations**

- 1.2.1. This document has been prepared to inform safeguarding measures during development works, and should not be interpreted as a report on tree health and safety. Reasonable effort has been made to identify visible defects whilst undertaking the tree survey, however trees are prone to natural failure without warning; no guarantee can be made as to the absolute safety of any of the trees surveyed. This work relates to arboriculture therefore reliance should not be given to comments made in respect of other disciplines i.e. civil engineering or construction phasing, without first referencing an appropriate expert.
- 1.2.2. Aspect visited site during June 2018 & September 2019 to update the previously submitted tree survey information in relation to trees impacted by the access proposals, following the principles contained within BS5837:2012. Elsewhere within the site, the previously submitted arboricultural information is relied upon.

## **2. ESSENTIAL WORK**

### **2.1. Tree Protection Plan**

- 2.1.1. The tree protection drawings provided in Appendix A will be relied upon during development works. The TPP should be read in conjunction with the entirety of this document.

2.1.2. To prevent avoidable damage to retained trees or erroneous tree loss, a scaled A1 copy of the TPP accompanied by a copy of this document will be provided to the site manager. This will ensure they are able to:

- Identify retained trees;
- Identify the correct locations for tree protection barriers;
- Identify features of the site that must be prepared/installed under an arboricultural watching brief;
- Request attendance of the project arboriculturist on site for site monitoring and to provide advice in case of any emerging issue;
- Demonstrate compliance with the LPA's consent for development by completing the Works Auditing Schedule (Appendix B).

## 2.2. Tree Removals

2.2.1. To implement the proposed development, including access and S278 highways improvements, it will be necessary to remove the trees detailed within Table 1 below.

**Table 1. Tree Removals**

- T7 (Category U) & G2 Elm
- T11- T16 & T19 Horse Chestnut
- G3 Elm, Hawthorn, Blackthorn, Elder, Horse Chestnut
- H1 (partial removal of two sections; c.12m & c.7m in length)
- W2 (Partial removal of c.5m to provide link with Tilsley Park)

2.2.2. Trees to be removed will be spray marked with a red flash by the project arboriculturist. The presence of the appointed arboricultural contractor is also recommended during this process to safeguard against erroneous felling.

2.2.3. Felling works should be timed to avoid the main nesting season for birds between 1st March and 31st August. If scheduled within this period an ecologist must be present to advise on any necessary protective measures, and on hand to confirm that tree works are not likely to cause disturbance to nesting birds.

- 2.2.4. All felling work will be undertaken in accordance with the principles within BS3998:2010 by a qualified and competent contractor to ensure that cuts are performed correctly, and positioned so as to avoid damage/harm to surrounding retained trees.

*The Works Auditing Schedule (Appendix B) shall be signed on completion of tree removals.*

### **2.3. Pruning Works**

- 2.3.1. Throughout the entire site, dead branches should be removed from the canopies of retained trees. Although this work is not required to facilitate the construction of the proposed development, it will help mitigate the risk of future tree related hazards emerging. It would be prudent for this work to coincide with clearance works on account that access to the trees will be unimpeded.

- 2.3.2. The above works must be undertaken in accordance with section 7.3 (for removal of deadwood) of BS3998:2010. A qualified and competent contractor should be employed to ensure that cuts are performed correctly, and positioned so as to avoid future structural defects or physiological issues, facilitate growth and maintain aesthetic value.

### **2.4. Protective Barriers**

- 2.4.1. Tree protection barriers are required to safeguard retained tree cover from damage during construction. The location for the barriers has been informed by the retained trees' RPAs and their canopy extents. Tree protection barriers' locations are illustrated within Appendix A, with a blue line.

- 2.4.2. It is essential that the barriers are erected prior to construction commencing and remain in situ for the duration of construction in that area. The areas within the barriers shall remain sacrosanct; nothing shall be stored, nor any fires be started, no tipping, refuelling, disposal of solvents or cement mixing carried out, and ground levels within those areas shall not be altered.

- 2.4.3. The project arboriculturist will oversee the initial setting out of tree protection barriers and will provide written confirmation to VWHDC's Arboricultural officer on completion. In addition to this the project arboriculturist must make assessment of the site readiness prior to the removal of tree protection barriers on completion of construction works.

*The Works Auditing Schedule (Appendix B) will be used as a record to show that barriers have been correctly sited.*

## **2.5. Supervised Excavation & Filling of Existing Ditch**

2.5.1. It will be necessary to carry out the excavation works and filling of the existing ditch detailed below within the RPAs of six retained trees:

- T9 Horse Chestnut c.42m<sup>2</sup> (c.13% of the RPA) to facilitate proposed widening of Wootton Road.
- T10 Horse Chestnut c.53.2m<sup>2</sup> (c.23.9% of the RPA) to facilitate proposed widening of Wootton Road.
- T17 Horse Chestnut c.61.8m<sup>2</sup> (c.27.8% of the RPA) to facilitate proposed widening of Wootton Road.
- T18 Horse Chestnut c.74.5m<sup>2</sup> (c.33.5% of the RPA) to facilitate proposed widening of Wootton Road.
- T20 Horse Chestnut c.91.5m<sup>2</sup> (c.31.5% of the RPA) to facilitate proposed widening of Wootton Road.
- T21 Horse Chestnut c.99.1m<sup>2</sup> (c.30.3% of the RPA) to facilitate proposed widening of Wootton Road.

2.5.2. Although the extent of theoretical RPAs affected are significant, it was agreed with the LPA that the presence of the existing ditch would likely reduce the number of roots present within the highways verge. It was subsequently agreed that the road widening works would be achievable whilst retaining the above frontage trees.

2.5.3. Adjacent to the northern boundary, it will also be necessary to install a section of footpath which crosses the RPA of retained T8. The extent of excavation amounts to c.3.5m<sup>2</sup> (c.8.5% of the RPA) and occurs within an area which has been regularly disturbed through agricultural cultivation.

2.5.4. To avoid detriment to the retained tree-cover, the excavation works within the theoretical RPAs of the Wootton Road frontage trees and T8 adjacent to the northern boundary must be carried out under arboricultural supervision, adopting the principles within section 7.2 of BS5837:2012. The affected areas are illustrated within Appendix A with an orange hatch.

- 2.5.5. During supervised excavations within the RPAs, the following procedure will be adopted:
- a) The breaking up and clearance of the existing soils must be undertaken under arboricultural supervision.
  - b) During the works the protective bark of larger roots is not to be damaged.
  - c) If necessary, roots that are less than 25mm diameter can to be pruned back, preferably to a side branch, using sharp cutting tools i.e. bypass secateurs or pruning saw.
  - d) No roots over 25mm are to be severed without approval of the appointed onsite arboriculturist as they may be integral to tree health and stability.
  - e) Areas adjacent to roots that are to be filled with concrete will be lined with an impermeable membrane to prevent concrete leachate coming into contact with tree roots.
  - f) Exposed roots must be covered in hessian sack or clean top soil to protect from dehydration and temperature flux. The hessian sack is to be removed prior to backfilling. Exposed roots are to be surrounded with sharp sand. Builders' sand will not be used because of its' high salt content which is toxic to roots.
  - g) Any use of an excavator to complete excavations must occur from outside of the RPAs (which will be spray-marked on the ground in advance of the works taking place). A toothless bucket will be utilised at all times.
  - h) A record of exposed roots will be made and accompanied by a photographic log.
  - i) Should any issues be raised during supervision then the arboriculturist should inform the developer and the LPA's arboricultural officer, indicating the nature of the problem and recommendations for action required.
  - j) Tree protection barriers are to be reinstated or repositioned on completion - whichever is within the interest of protecting RPAs. This is to be determined by the supervising arboriculturist.
  - k) Upon request, written confirmation of the works being undertaken to a satisfactory standard can be provided to the Site Manager and the LPA's Arboricultural Officer by the supervising arboriculturist.

*The Works Auditing Schedule (Appendix B) will be signed on completion of the works detailed above.*

## **2.6. No-dig Construction**

2.6.1. There are four sections of proposed footpaths that encroach into the RPAs of retained tree cover:

- T3: c.56.3m<sup>2</sup> (c.8.6% of the RPA)
- T21: c.23.8m<sup>2</sup> (7.2% of the RPA)
- G4 (component m): c.14.5m<sup>2</sup> (5.6% of the RPA)
- W2: c.78.3m<sup>2</sup>

2.6.2. These areas must be constructed on an above soil basis to avoid the requirement for excavation works thereby minimising the potential for root disturbance. The affected areas are illustrated within Appendix A with a blue wash.

2.6.3. This will be achieved through the installation of the footpaths founded on 75mm and the driveway on 100mm depth of standard cell CellWeb® as a minimum, above existing ground levels, overlain by a permeable wearing course (i.e. TarmacDry®, or block paving) with non-invasive retaining edges.

2.6.4. Installation of CellWeb™ will adopt the following procedure:

Pre-commencement:

- a) The supervising arboriculturist will brief the site manager and installation team on the importance of preventing soil compaction, oxygen/moisture restriction and the need for any excavation within RPAs that may incur root severance.
- b) Where protective barriers need to be temporarily repositioned to facilitate working room, the area of exposed RPA will be protected by polyethylene Trackmats.
- c) The supervising arboriculturist shall spray-mark the extent of affected RPAs on the ground prior to the commencement of works occurring within their footprint. The limit of any remaining RPA will be spray-marked for the benefit of machinery operators. A photograph of the spray-marked RPA limit and extent of affected area will be taken.

- d) The full RPA shall be terravented, incorporating a mychorizial fungi and bio-stimulant injection prior to installation.

Installation:

- e) To prevent migration of the infill material and future loss of structural integrity, the area requiring no-dig surfacing must be covered with a porous geotextile underlay (treetex). This is to occur *before* installation of the cellular confinement system.
- f) The cellular confinement system will be staked and expanded across the installation footprint area then cut to size.
- g) The edges are to be retained with non-invasive timber boards pinned with an earth batter or wooden stakes.

*The Works Auditing Schedule (Appendix B) will be signed on completion of the works detailed above.*

## **2.7. Proposed Order of Works**

- a) Pre-commencement site meeting between the project arboriculturist, site manager, tree contractor and the LPA's arboricultural officer. Tree removals, tree protection measures, supervision of works, inspection and monitoring requirements will be identified/agreed.
- b) Tree removals as illustrated within Appendix A, to be carried out prior to installation of tree protection barriers and commencement of construction.
- c) Tree protection barriers are to be installed prior to construction. Upon request, barrier positions can be set-out by the project arboriculturist, as detailed within this document.
- d) The LPA's arboricultural officer shall be informed of the proposed commencement date as soon as possible, to allow the inspection of static protection measures.

- e) The site manager will assume responsibility for arranging the attendance of the project arboriculturist to oversee the location of barriers and excavation works within RPAs, as detailed with the Works Auditing Schedule (Appendix B).

## **2.8. Site Manager's Point of Contact for Arboricultural Input:**

Dr Richard Curtis or Mr James Bardey (Aspect Arboriculture)

Telephone: 01295 276066

Email: richard.curtis@aspect-arbor.com      james.bardey@aspect-arbor.com

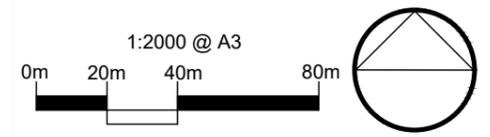
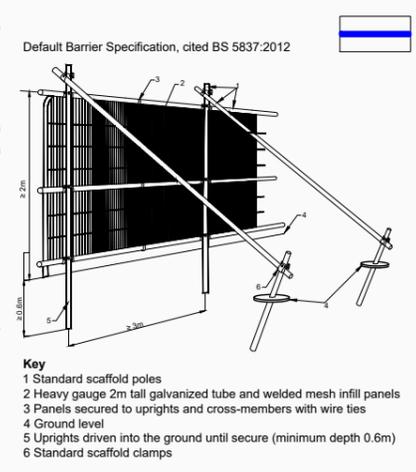
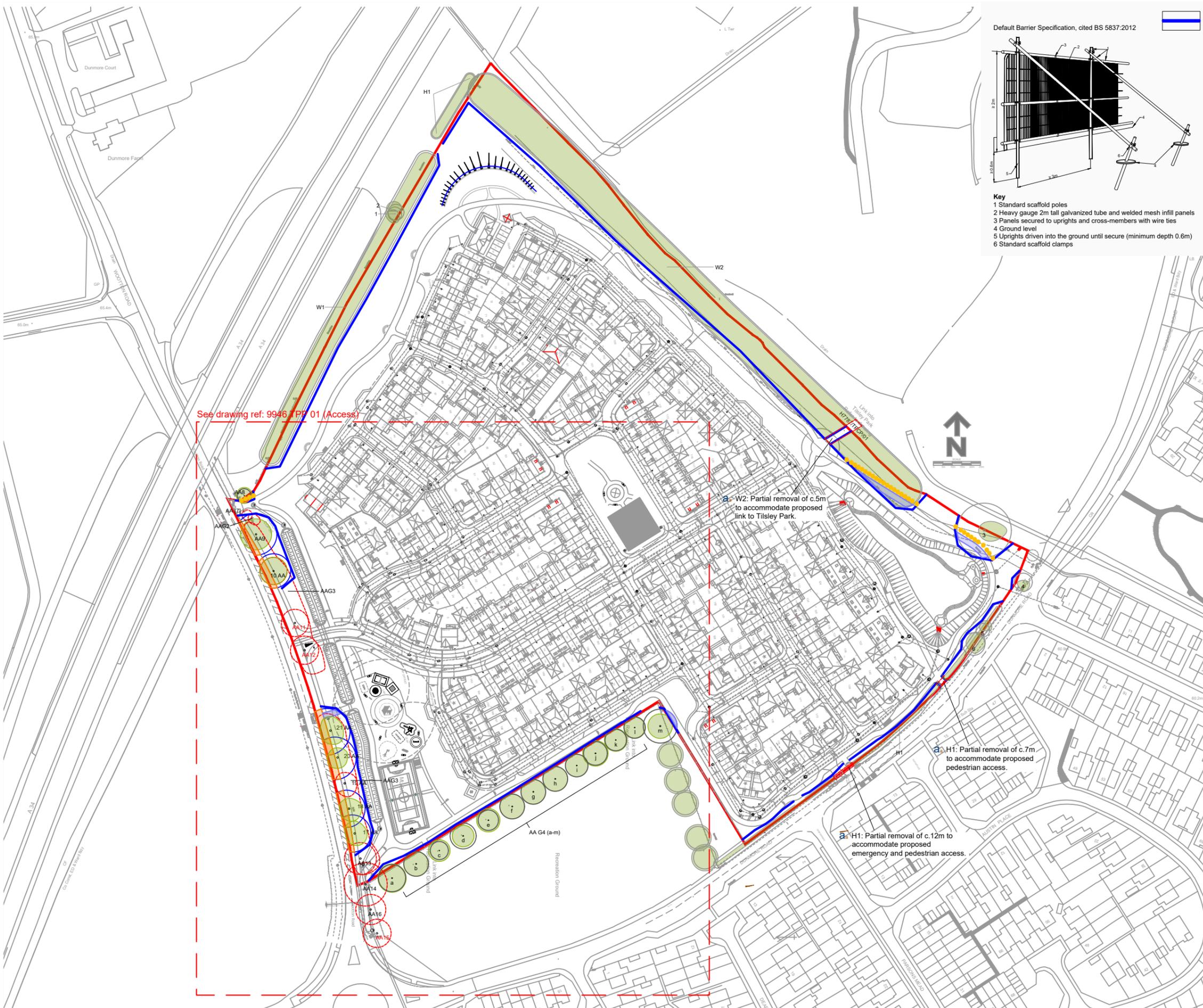
### **3. CONCLUSIONS**

- 3.1. This document has been prepared in response to conditions under planning application ref. P17/V1336/O. It has been informed by guidance provided in BS5837:2012 including an updated arboricultural survey of the site's frontage trees (June 2018 & September 2019). This document identifies all features of the development that must be managed to facilitate confident tree retention during the construction stage of the project.
- 3.2. To ensure confident tree retention, the siting of tree protection barriers, excavation works, and above soil surfacing (within RPAs) must be audited by the project arboriculturist; the outcome of these works will be reported to the LPA's arboricultural officer on completion. These areas are specified within the Works Auditing Schedule (Appendix B).
- 3.3. It is Aspect's opinion that, subject to strict adherence to this document, the development can be implemented whilst ensuring the confident protection of retained trees.

## **APPENDICES**

APPENDIX A

TREE PROTECTION PLAN (9946 TPP 01 Rev G)



- KEY:**
- Site Boundary
  - Tree Numbers
  - Tree Numbers (Aspect)
  - Tree Canopies
  - Category 'U' Trees
  - Category 'B' RPA
  - Category 'C' RPA
  - Trees to be Removed
  - Tree Protection Barrier
  - Manual Excavation
  - Above Soil Surfacing
  - Tree Protection Barrier (2nd Position)

Note: Trees T1-T6, Group G1, Hedgerows H1, H2 and Woodlands W1 & W2 are taken from tree survey prepared by others (Marlow Consulting Ltd dated: 16th January 2017).

Trees T7-T16 and Groups G2-G4 have been re-surveyed by Aspect Arboriculture.



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

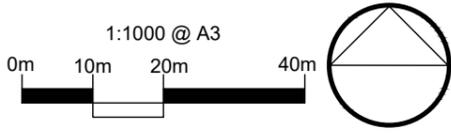
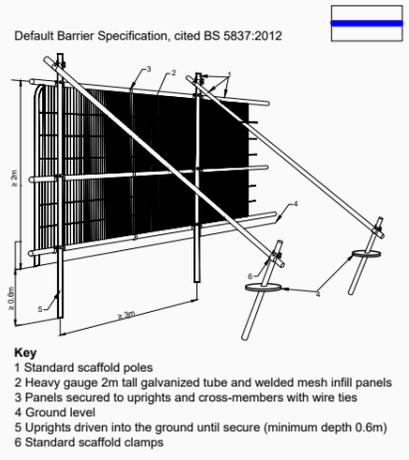
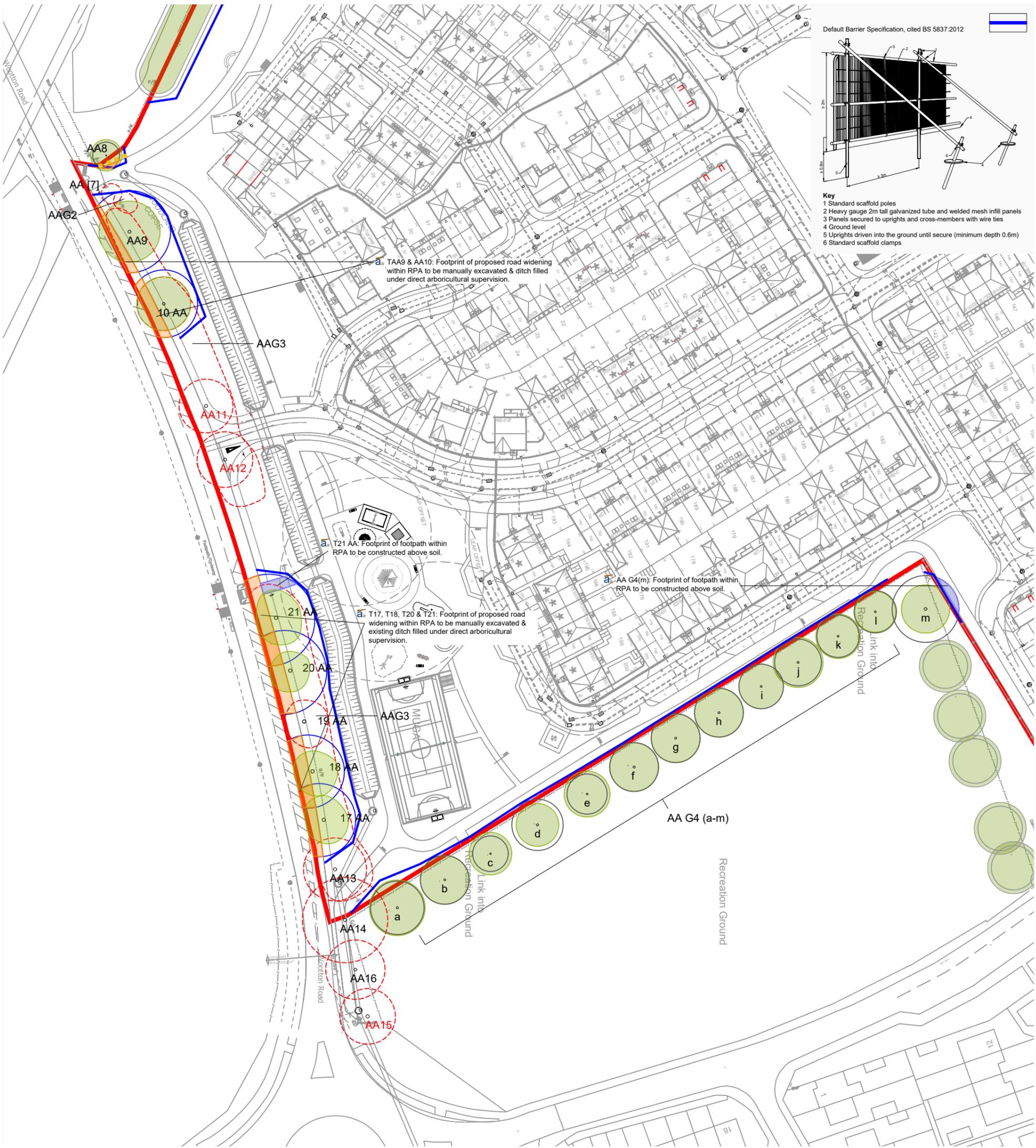


TITLE  
**Land off Dunmore Road, Abingdon  
 Tree Protection Plan**

CLIENT  
**David Wilson Homes**

SCALE	DATE	DRAWN
1:2000 @ A3	JUN 2020	GW
DRAWING NUMBER	REVISION	
9946 TPP 01 Rev G (Overview)	G	

Based on architects' drawing Dunmore Road Planning layout & ICS\_Drainage - 2020-04-03



- KEY:**
- Site Boundary
  - Tree Numbers
  - Tree Numbers (Aspect)
  - Tree Canopies
  - Category 'U' Trees
  - Category 'B' RPA
  - Category 'C' RPA
  - Tree Protection Barrier
  - Manual Excavation
  - Above Soil Surfacing
  - Tree Protection Barrier (2nd Position)

Note: Trees T1-T6, Group G1, Hedgerows H1, H2 and Woodlands W1 & W2 are taken from tree survey prepared by others (Marlow Consulting Ltd dated: 16th January 2017).  
Trees T7-T21 and Groups G2-G4 have been re-surveyed by Aspect Arboriculture.

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				



TITLE		
Land off Dunmore Road, Abingdon Tree Protection Plan		
CLIENT		
David Wilson Homes		
SCALE	DATE	DRAWN
1:1000 @ A3	JUN 2020	GW
DRAWING NUMBER	REVISION	
9946 TPP 01 Rev G (Access)	G	
Based on architects' drawing Dunmore Road Planning layout & ICS_Drainage - 2020-04-03		



Cited from Google Earth

APPENDIX B

WORKS AUDITING SCHEDULE

### Works Auditing Schedule

Works Requiring Auditing	Tree No.	Date Undertaken	Date Reported to LPA
1. Pre-commencement meeting identifying tree removals, pruning works, tree protection barrier locations and ground protection as specified within 9946_AMS.001 Rev F and illustrated on drawing no. 9946_TPP.01 Rev G.	As drawn	.....	.....
2: Inspection of tree protection barriers prior to commencement of development works by LPA's arboricultural officer/project arboriculturist.	As drawn	.....	.....
3: Arboricultural watching brief during excavations and filling of existing ditch within RPAs as specified within 9946_AMS.001 Rev F and illustrated on drawing no. 9946_TPP.01 Rev G.	T8 T9 T10 T17 T18 T20 T21	..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... .....
4: Arboricultural watching brief during installation of no dig surfacing within RPAs as specified within 9946_AMS.001 Rev F and illustrated on drawing no. 9946_TPP.01 Rev G.	T3 T21 G4 ( <i>comp. M</i> ) W2	..... ..... ..... .....	..... ..... ..... .....
Inspection of installed tree protection barriers as specified within 9946_AMS.001 Rev F and illustrated on drawing no. 9946_TPP.01 Rev G (appropriate basis).	As drawn	.....	.....

*This schedule will be completed as evidence that works have been undertaken as per the approved methodology.*

APPENDIX C

TREE SURVEY SCHEDULE (9946 TS 01 Rev A)

**BS 5837:2012 Tree Schedule: Land off Dunmore Road,  
Abingdon**

BS5837:2012 Tree Survey: Explanation of Survey Criteria

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							

*Sequential reference number cited on all aspect drawing.*

*e.g.: young, semi-mature, early-mature, mature or over-mature*

*Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority. \*The RPA has been manipulated to allow for various site features, i.e. roads, structures or changes in levels. Please refer to the Tree Constraints Plan for these changes.*

*Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.*

*Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities.*

*Category U trees are those in such a condition that they cannot be realistically retained as living trees in the current context for the long term.*

*Measured to the nearest 10mm; # denotes estimated diameter where access is not possible.*

*e.g.: above-average, average, below average or dead*

*General observations, i.e. defects, preliminary management recommendation, presence of pests/disease, perceived significance.*

*Height of first significant branch and/or canopy*

*e.g.: good, indifferent, poor, or hazardous*

**Colour band key:**

- Category A
- Category B
- Category C
- Category U

The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
7	Elm	300#	6.5m					2.75	1.5	1.5	Dead	Dead	Dead	Standing deadwood	U	N/A
8	Horse Chestnut	290	10m					4.25	1.5	0.5	Early Mature	Average	Indifferent	Single stem maintains single leader Forms end component of group buffer to A34 Structure typical for species	C12	3.6
9	Horse Chestnut	820	15m					8.75	2.5	0.5	Mature	Average	Moderate	Offsite Single stem Forking at c. 2.5m Clad in Ivy	B12	9.9
10	Horse Chestnut	700#	17m		7.25				2.5	0.5	Mature	Average	Moderate	Offsite, inaccessible Single stem maintains single leader Clad in Ivy Structure typical for species Ditch located to west	B12	8.4
11	Horse Chestnut	830 oi	15m		7.25				3.5	0.5	Mature	Average	Indifferent	Single stem maintains single leader Previously pruned to east and west Some bleeding canker and storm damage in lower canopy	B12	9.9
12	Horse Chestnut	880 oi	17m		7.5				3.5	0.5	Mature	Average	Moderate	Single stem Forking at c. 2.5m Clad in Ivy Basal wound to north-east with exposed heartwood Upper canopy structure typical for species	B12	10.5
13	Horse Chestnut	870			8.5				3	0.5	Mature	Average	Indifferent		B12	10.5
14	Horse Chestnut	930			8.5				3	0.5	Mature	Average	Indifferent	Strip canker to north and east Bleeding canker on root flare Apical dieback and above average deadwood	B12	11.1
15	Horse Chestnut	890						7.5	3	0.5	Mature	Average	Indifferent		B12	10.8
16	Horse Chestnut	800#						8		0.5	Mature	Below Average	Indifferent	Sparse crown and strip canker on primary branches Apical dieback in upper crown Bleeding canker in central scaffold branches	C12	9.6
17	Horse Chestnut	710	13m	6.75	6.75	6.8	5		3.5	0.5	Mature	Average	Indifferent	Single stem, pocket of decay at c.1m to NE Branching from 4m Structure Typical for Species except large laterals deviating vertically c.5m from stem	B2	8.4
18	Horse Chestnut	690	14m	5.75	7	7	5.25		2.75	0.5	Mature	Average	Indifferent	Single stem, suckering from base Decay pocket at c.1m to East Burrs at union Branching from c.3.5m Structure Typical for Species	B2	8.4
19	Horse Chestnut	920	17m	6	6.75	7.5	5.5		2.5	1	Mature	Average	Indifferent	Single stem Decay pocket to NE at c.0.5m-1.5m Bifurcates at c.3m Fruiting body at union Upper canopy structure typical for species Ivy present within scaffold	B2	11.1
20	Horse Chestnut	810	14m	5.5	5.75	6	5.75		3.5	0.5	Mature	Average	Indifferent	Single stem, branching from c.4m Structure obscured by Ivy Suckering from base Structure appears typical for species	B2	9.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
21	Horse Chestnut	850	14m	7.75	7	7.8	5.5		3	1	Mature	Average	Indifferent	Single stem, forking at c.3msuckering from base Large basal wound with decay to east from ground level to c.1.5m Lvy present within scaffold	B2	10.2
G2	Elm	100 av	6m max					2.5	1	0.5	Young to Semi Mature	Average	Indifferent	Naturally colonising Structure typical for species	C12	1.2
G3	Elm Hawthorn Elder Horse Chestnut Blackthorn	150 av	7m max					3.25 max	0.5	0.5	Young to Early Mature	Average to Dead	Indifferent	Unmaintained hedgerow and naturally colonising specimens Dead Elm within Forms understory for T9-T14 and G1	C12	1.8
G4	Norway Maple Hybrid Black Poplar	a) 590 b) 540 c) 390 d) 570 e) 460 f) 560 g) 540 h) 550 i) 490 j) 520 k) 480 l) 470 m) 750						a) 7.5 b) 6.5 c) 5.75 d) 5.75 e) 6.25 f) 6.5 g) 6.5 h) 6.5 i) 6 j) 6.75 k) 6 l) 5.5 m) 6.5						a-l: Norway Maple; m: Hybrid Black Poplar	C12	a) 7.2 b) 6.6 c) 4.8 d) 6.9 e) 5.4 f) 6.6 g) 6.5 h) 6.6 i) 6 j) 6.3 k) 5.7 l) 5.7 m) 9

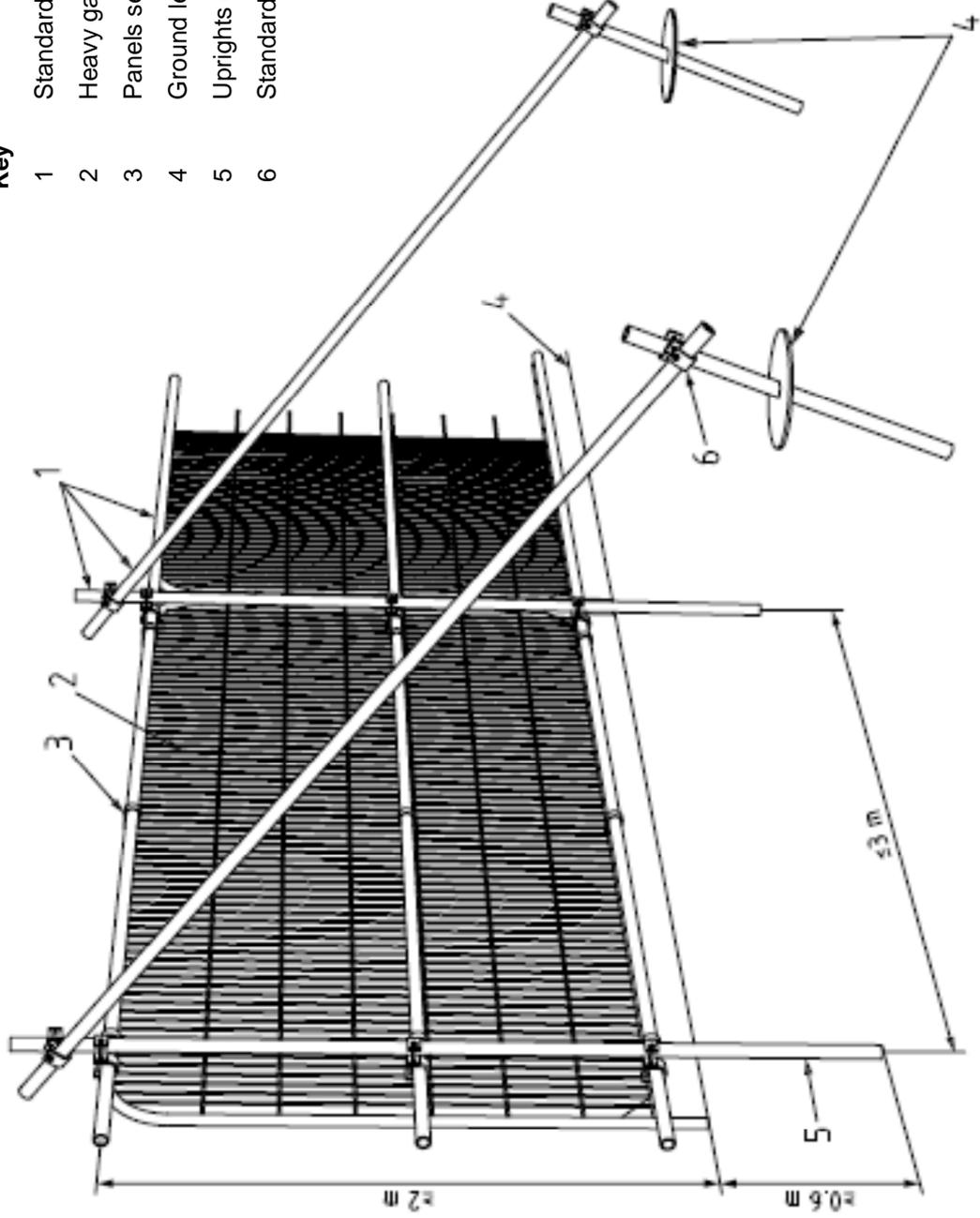
APPENDIX D

TREE PROTECTION BARRIER SPECIFICATIONS

Recommended Tree Protection Fencing Specification for this Development  
(Source: BS 5837: 2012)

**Key**

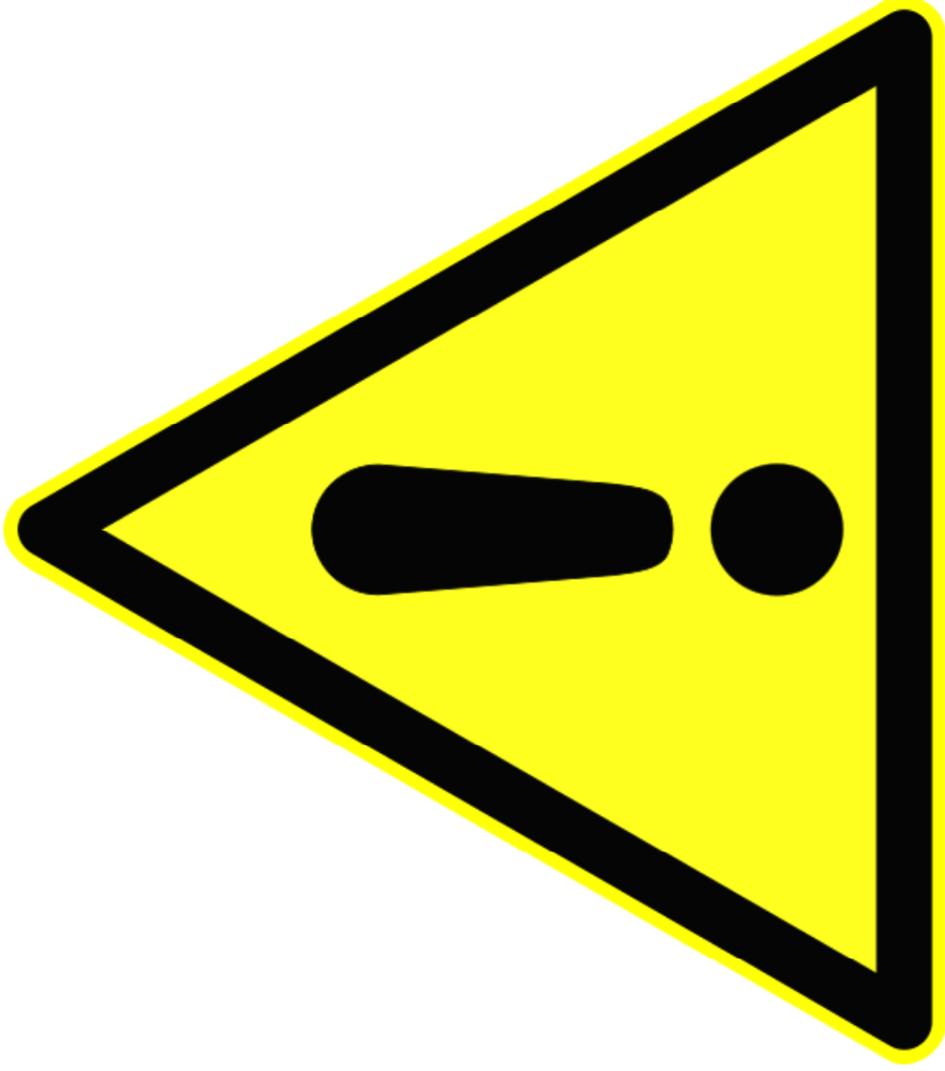
- 1 Standard scaffold poles
- 2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6m)
- 6 Standard scaffold clamps



**Notes:**

- Supports are to be sited tree side of the panel front face.
- All weather notices should be attached to every fourth panel highlighting the importance of the barrier in its correct position. An example is provided overleaf which may be duplicated for use on this development.

# TREE PROTECTION BARRIER



- DO NOT MOVE THIS FENCE
  - NO SITE ACTIVITY TREE SIDE OF FENCE
  - NO STORAGE TREE SIDE OF FENCE
- For assistance call Aspect Arboriculture:  
01295 276066

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aspect

Aspect Arboriculture  
West Court  
Hardwick Business Park  
Noral Way  
Banbury  
Oxfordshire OX16 2AF

T: 01295 276066  
F: 01295 265072  
E: [info@aspect-arbor.com](mailto:info@aspect-arbor.com)  
W: [www.aspect-arbor.com](http://www.aspect-arbor.com)