

## A2Dominion Group

# NW Bicester Eco development Exemplar

### Arboricultural Method Statement

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## Arboricultural Method Statement

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# 1 INTRODUCTION

This Arboricultural Method Statement (AMS) details best practice measures to be adopted in order to protect retained trees during the development process. It has been prepared in order to inform the construction/development process and discharge Planning Conditions.

This AMS should be read in conjunction with the following plans and documents:

- Ecological Construction Method Statement (report ref: 0516-UA001881/UE21/R02EcoMS) prepared by Hyder Consulting.
- Hedgerow Translocation and Arboricultural Advanced Works Specification – Phase 1 (report ref: UA001881-703-001-02) prepared by Hyder Consulting.
- Bicester Eco Town, Exemplar Site, Phasing Plan, (drawing ref: AA2699C/1.1/120 Rev A) prepared by PRP Architects.
- Bicester Southfields Eco Development, River Corridor General Arrangement Plan (drawing ref: 701-222-UA001881-01) prepared by Hyder Consulting.
- Bicester Southfields Eco Development, NEAP (drawing ref: 701-220-UA001881-02) prepared by Hyder Consulting.
- Bicester Southfields Eco Development, NEAP Landscape Details (drawing ref: 701-706-UA001881-02) prepared by Hyder Consulting.

Details included within this AMS should be included within specifications and schedules of works issued to all relevant installation, construction and landscaping contractors. The methodology should be discussed and agreed between the Local Authority Tree Officer and relevant contractors. Any parts of the methodology which are deemed to be inaccurate or unworkable should be highlighted and addressed at an early stage, ideally before any site works commence.

A copy of this AMS should be available on site at all times.

An Arboricultural Consultant will be instructed to provide arboricultural support during all construction phases. The Arboricultural Consultant will brief the appointed Site Ecologist, who will oversee implementation of protective measures detailed in this AMS and, if required, call upon the Arboricultural Consultant.

The appointed contractor will ensure all relevant personnel working on the site shall be made aware of relevant sections which apply to their work. This includes site managers, machinery operatives, service installation contractors, craftsmen and labourers. Provision shall be made during site inductions to highlight specific arboricultural restrictions.

The Tree Protection Plan (TPP) at Appendix 2 (drawing ref: TPP1-UA001881-01, sheets 1-2) accompanies this AMS.

This AMS has been informed by the results of an arboricultural survey conducted to BS5837:2005. The survey was conducted by Stuart Harris of Hyder Consulting with reference to a topographical survey of the area prepared by Hyder Consulting in July 2010.

The Wildlife and Countryside Act 1981 (as amended), and subsequent legislation, provides statutory protection to birds, bats, insects and other species that inhabit trees, hedges or

associated vegetation. These could impose significant constraints on the use and timing of access to the site in addition to any of the tree matters considered in this Method Statement. These matters are beyond the scope of this report and are addressed within the NW Bicester Eco development Exemplar Ecological Construction Method Statement that has been prepared by Hyder Consulting.

## 1.1 The development

The consented development is the Exemplar phase of NW Bicester Eco development, and involves the construction of 393 residential units and an energy centre, access roads, car parking, landscape, amenity space and service infrastructure; and outline permission for a nursery, a community centre, 3 retail units, an Eco-Business Centre, an Eco-Pub, and a primary school with access and layout to be determined.

The development shall be completed during the following Phases:

- Section 278 works: Access works adjacent to highways.
- Infrastructure: Construction of spine road, bridges and service installation.
- Phase 1.
- Phase 2.
- Phase 3.
- Phase 4.

## 2 PLANNING CONDITIONS

This section identifies the section numbers, plans and appendices that are contained within this AMS that provide the information required to address the specific Planning Conditions 75 (a-q) and Planning Condition 78 (a-e) as set out in grant of planning consent (application number: 10/01780/HYBRID, dated 23 December 2010).

### Condition 75

- (a) The location of all potentially affected trees has been illustrated on the TPP in Appendix 2. The TPP also indicates where trees are to be removed.
- (b) Information relating to each individual tree, group and hedgerow is detailed within Tree Data Schedules in Appendix 1
- (c) Information relating to recommended tree works are detailed within Tree Data Schedules at Appendix 2
- (d) Written proof of the credentials of the arboricultural contractor (when instructed) authorised to carry out the scheduled tree works will be provided by the appointed contractor.
- (e) Ground Protection Zones are referred to as Construction Exclusion Zones (CEZ), in accordance with BS5837. Restrictions which apply within CEZs are detailed in Section 3.6 of the AMS, and the extents of CEZs are illustrated on the TPP in

## Appendix 2.

- (f) The position of protective fencing (for all phases) is identified on the TPP. Section 3.5 stipulates that prior to each construction phase (as illustrated on Bicester Eco Town, Exemplar Site, Phasing Plan prepared by PRP) a protective fencing system shall be installed in the position defined by a solid purple line on the TPP. Section 7 requires that fencing will be inspected and a certificate issued prior to construction activity.
- (g) This clause replicates Condition 75 (e) above.
- (h) The positions of underground service runs are illustrated on the TPP.
- (i) Details relating to the any changes in levels and the position of consented excavations within 5 metres of the Root Protection Area (RPA) of retained trees are illustrated on the TPP and details provided in Section 4.3.
- (j) Section 4.2 provides a 'no dig' methodology for the installation of paths. No other special engineering is required. Specific methodologies are contained throughout Sections 5 and 6 to ensure all additional operations within, or in close proximity to the RPAs of retained tree and groups are carried out in a controlled manner and without causing significant impact to retained trees and groups.
- (k) No demolition is planned. All surface removal is located outside the defined RPA of all retained trees and groups.
- (l) Section 4.2 provides a 'no dig' methodology for the installation of paths. Specific methodologies are contained throughout Sections 5 and 6 to ensure all additional operations within, or in close proximity to the RPAs of retained tree and groups are carried out in a controlled manner and without causing significant impact to retained trees and groups.
- (m) Section 4.4 provides a methodology for the use of large plant.
- (n) Section 5 provides methodology for the use and storage of hazardous materials. Details relating to the exact location of storage areas will be provided by the appointed contractor.
- (o) Section 3.6 states *Sales Cabins or site huts, provided they are of Jack Leg type, can be sited to provide ground protection for the duration of the construction.* Excavation will not be permitted within defined RPAs to facilitate the installation of site huts/cabins. If it is necessary to locate any site huts/cabins within the RPA of any tree the appointed contractor will provide to the local authority details of the methods that will be employed for the stationing, use and removal of these structures.
- (p) Section 5 provides methodologies for hard landscaping works.
- (q) Section 3.5 stipulates that prior to each construction phase (as illustrated on Bicester Eco Town, Exemplar Site, Phasing Plan prepared by PRP) a protective fencing system shall be installed in the position defined by a solid purple line on the TPP. Section 7 requires that fencing will be inspected and a certificate issued prior to construction activity. Section 4.1 stipulates that no excavation will take place without a permit to dig.

#### Condition 78

- (a) Section 7.1.9 provides details of the responsibilities of the appointed contractor in relation to the inclusion of arboricultural constraints during site inductions.
- (b) Section 7.1 details the responsibilities of key personnel.
- (c) Section 7.1 details the delegated powers.
- (d) Sections 7.1.9, 7.1.10, 7.1.11, 7.1.12 and 7.1.14 provide details of the timing and methods of site visiting and record keeping.
- (e) Sections 7.1.12 and 7.1.13 provide details of procedures for dealing with variations and incidents.

## 3 PRE-DEVELOPMENT WORKS

### 3.1 Tree works

Prior to tree works, the footprint of required construction areas (including an allowance for working space) will be clearly defined using spray paint or wooden pegs.

The following tree works shall be required before commencement of construction:

Action	Trees	Reason
Fell	T5, T29, T31, T33, T34, T35, T70	Good arboricultural practice
Fell	T7, T8, T9, T10, T11, T16, T47, T48, T49, T50, T51, T52, T53, T54, T90 and G6, and individual tree within G1.	In order to facilitate the consented development.
Translocate	Sections within G1, G4, G15, G16, G26, G28.	In order to facilitate the consented development.

**Table 3: Tree work schedule**

All works to be carried out in accordance with BS3998:2010, Tree work-recommendations, and in accordance with relevant method statements and specifications.

The tree works detailed above includes additional trees and groups to those detailed in the Hedgerow Translocation and Arboricultural Advanced Works – Specification – Phase 1 report.

### 3.2 Hedge pruning

All areas where the construction footprint encroaches into hedgerow protected areas (where hedgerow pruning may be required), have been identified on the TPP. The footprint of required construction shall be clearly defined using spray paint or wooden pegs, whilst making allowance for working space. In order to facilitate access, marking out will be completed in tandem with



pruning operations. All pruning operations will be completed by a competent arboricultural contractor in accordance with BS:3998:2010, Tree work-recommendations. Where cut material extends into adjacent retained vegetation, it shall be carefully removed as far as is reasonably practicable, without damaging or disturbing retained vegetation. Immediately following pruning operations, protective tree fencing will be installed in the position indicated on the TPP in order to provide maximum protection to retained vegetation.

### 3.3 Hedgerow breakthrough

All areas of hedgerow breakthrough have been identified on the TPP. It is anticipated that all removed sections will be translocated to an appropriate receptor site within the consented development. Should it not be feasible to translocate all sections, the following method for hedgerow removal in the absence of translocation will be adopted:

Vegetation shall be clearly marked by the supervising arboriculturalist/ecologist. Vegetation shall be cut to near ground level using chainsaws and/or hand tools as appropriate. Where cut material extends into adjacent retained vegetation, it shall be carefully removed as far as is reasonably practicable, without damaging or disturbing retained vegetation, and with the use of appropriate pruning tools.

Cut stumps located within 3m of any retained woody plant shall be removed using a proprietary stump-grinding machine in order to avoid the likely root disturbance to adjacent vegetation which would be caused by the application of alternative methods of mechanical extraction. Following stump removal, all de-compacted material (generated by stump grinding) will be back-filled into depression created.

### 3.4 Hedgerow and tree translocation

Hedgerow and tree translocation works will be carried out under direct arboricultural / ecological supervision. Methodology for translocation is detailed in the Hedgerow Translocation and Arboricultural Advanced Works – Specification – Phase 1 report.

### 3.5 Tree Protection Fencing

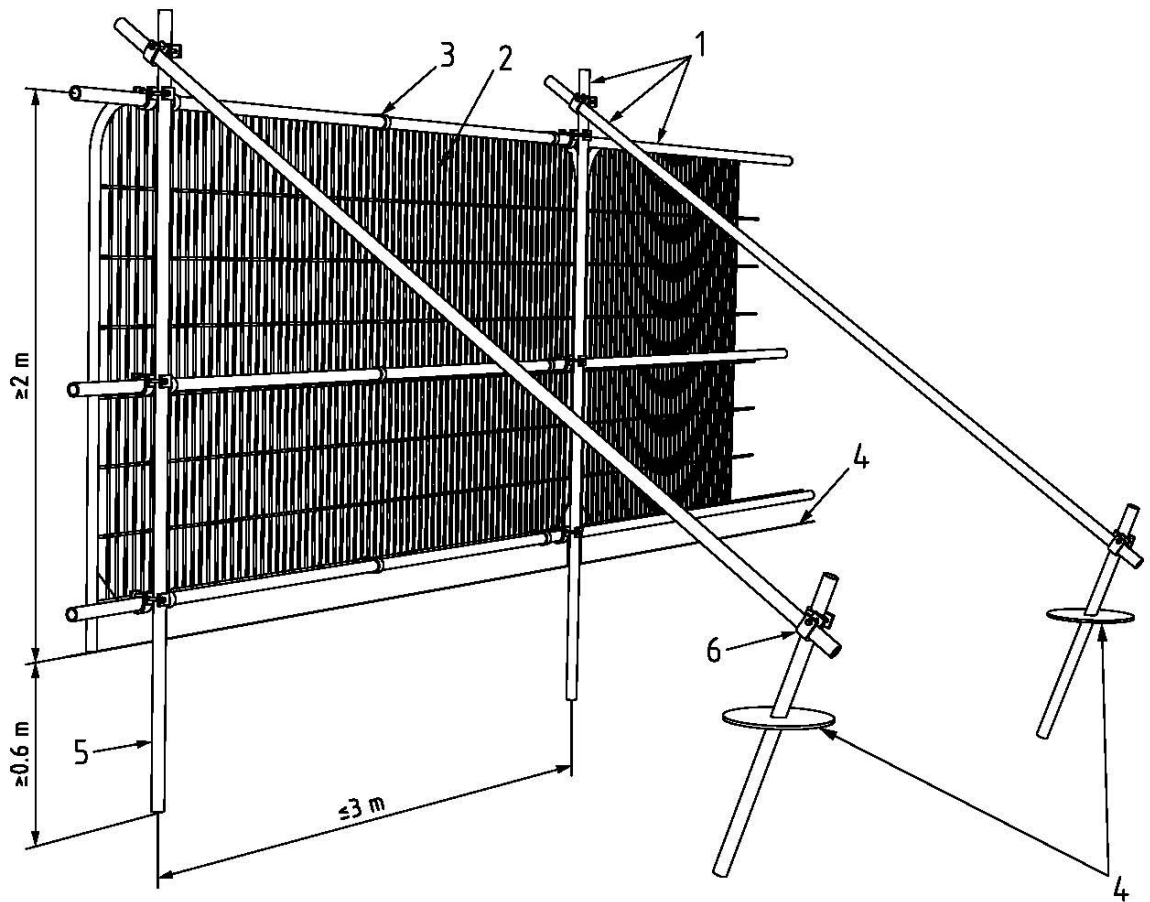
Following tree work, and prior to site clearance associated with each construction phase (as illustrated on Bicester Eco Town, Exemplar Site, Phasing Plan, prepared by PRP), including construction of site access, car parking, soil stripping, or the access of materials and additional machinery, a protective fencing system shall be installed in the position defined by a solid purple line on the TPP (unless otherwise required by the Site Ecologist to avoid disturbance to legally protected fauna). The installation and maintenance of protective fencing will be the responsibility of the appointed contractor. See below for details of this fencing. The purpose of this fencing is to provide protection to the RPAs of retained trees/groups and to protect trees and hedgerows. Protective fencing will be provided around translocated trees and hedgerows once installed in their receptor site locations. The type of fencing used shall be appropriate to level of adjacent construction activity and shall be agreed with the Local Authority Tree Officer. Protective fencing shall remain in position and shall not be moved or removed without the written permission of the Site Ecologist. Following installation for each construction phase, the Environmental Coordinator will inspect the condition and alignment of protective fencing and issue a certificate of compliance to the appointed contractor and Local Authority Tree Officer.

Weatherproof notices shall be attached to any protective fencing displaying the words “*Construction Exclusion Zone*” and listing all restrictions which apply. All personnel will be made aware of these restrictions during site induction. A sample notice is included as Appendix 3.

### Protective Fencing (high risk areas)

This system involves driving scaffold poles into the ground, onto which are affixed horizontal scaffold poles and diagonal bracing struts (bracing struts are positioned within the protected area). Anti-climb weldmesh panels are secured to this scaffold framework using standard scaffold clips or wire. The system is illustrated in diagram Figure. 2 and is based on BS5837 guidelines. This kind of system is robust enough to withstand occasional knocks by plant machinery.

Once phased construction activity is completed and following a final site inspection by the Site Ecologist, Arboricultural Consultant, or the Local Authority Tree Officer, protective fencing shall be removed without the need to excavate within the RPA of any tree / group.



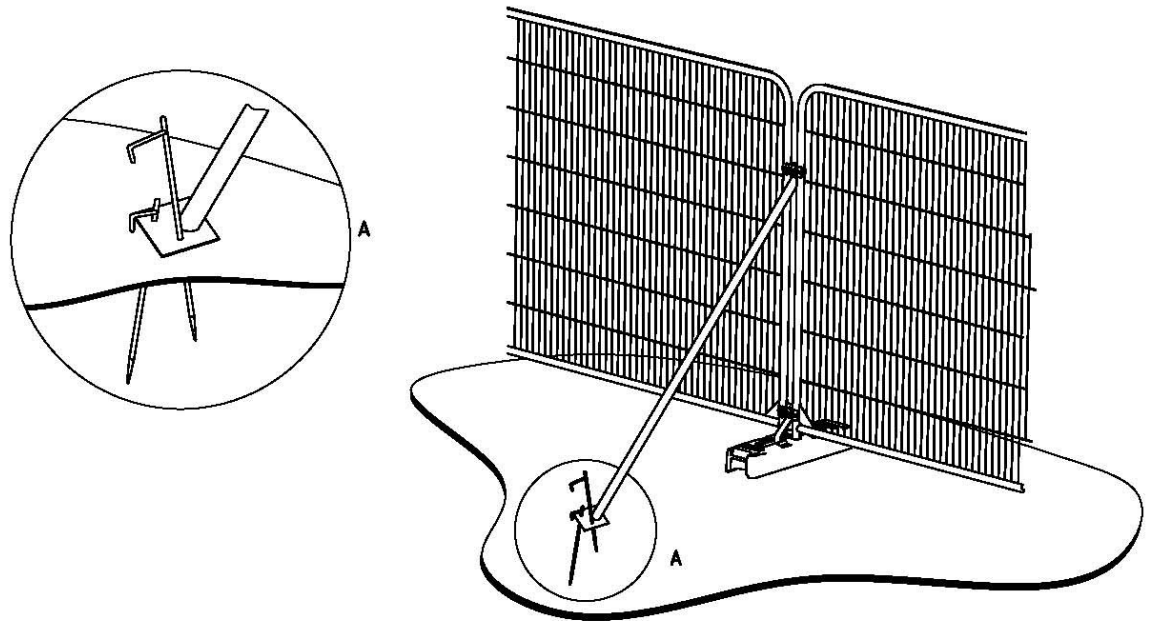
#### Key

- 1 Standard scaffold poles
- 2 Heavy gauge 2 m 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 0.6 m)
- 6 Standard scaffold clamps

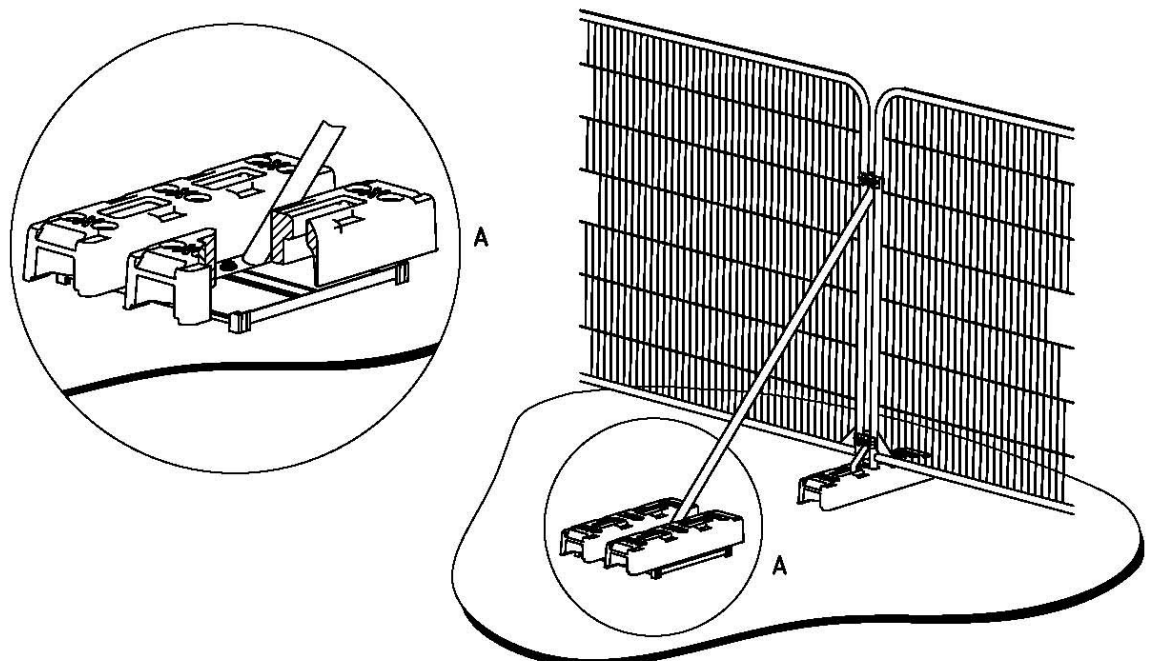
**Figure 2. Tree Protection Fencing Specification (extract from BS5837)**

### Protective Fencing (low risk areas)

This system involves the use of interconnecting anti-climb weldmesh panels. The panels are braced using stabiliser struts which are pinned or weighted to avoid fence movement. The system is illustrated in diagram Figure. 3 and is based on BS5837 guidelines. This kind of system is robust enough to exclude access to protected areas.



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

Figure 3. Tree Protection fencing example

## 3.6 Construction Exclusion Zones (CEZ)

The Construction Exclusion Zone (CEZ) is the area identified by an arboriculturist to be protected during development, including site clearance and construction work, through the use of barriers and/or ground protection fit-for-purpose to ensure the successful long-term retention of a tree. The area within the construction exclusion zone is to be regarded as sacrosanct and the fencing shall not be taken down or relocated at any time without the prior written approval of the monitoring Site Ecologist or Local Authority Tree Officer, unless this has already been agreed as part of the planning application consent process, and is detailed in writing and shown on a plan.

All areas enclosed by protective tree fencing, shall be treated as CEZs, and the following restrictions shall apply:

- No construction activity whatsoever must occur within these areas.\*
- No tree works, without the written consent from the Local Authority.
- No alterations of ground levels or conditions.
- No chemicals or cement washings.
- No excavation.
- No temporary structures.\*\*
- No storage of soil, rubble or other materials.
- No vehicles or machinery to be used or parked without appropriate ground protection measures as per BS5837 recommendations. This will require the use of a proprietary system of reinforced concrete slabs/steel road plates on a compressible layer, or side butting scaffold boards/ 18mm plywood sheets on a compressible layer. The type of ground protection used shall be appropriate for the likely loading applied.
- No fixtures (lighting, signs etc) to be attached to trees.
- No fires within 10 metres of the canopies of any tree or hedgerow.

*\*Other than final landscaping works.*

*\*\*Sales Cabins or site huts, provided they are of Jack Leg type, can be sited to act as ground protection for the duration of the construction.*

## 4 DEVELOPMENT PHASES (Phases 1 - 4)

### 4.1 Excavation (RPAs of T19, T20, T22, T26, T82, and G3)

Since excavation will be required within the RPAs of T19, T20, T22, T26, T82, G3 and G5, the following restrictions shall apply during these operations:

- No excavation shall be take place within any defined RPA without a permit to dig.
- The surface within the RPA shall be cleared of all debris and vegetation (if present) using only hand-operated tools.

- With reference to the TPP (Appendix 2), the RPAs shall be measured and clearly marked on site with the use of ground pins or marker spray. All relevant personnel shall be briefed to ensure they are fully aware of the location and extent of the RPAs.
- Excavation will proceed with caution using only hand operated tools, or an excavator fitted with a grading type un-toothed bucket. The excavator will operate from outside the RPA or from installed ground protection materials (see Section 3.6). Successive thin (100mm maximum) layers of material shall be removed in a staged process.
- Should roots less than 25mm in diameter be encountered, these shall be retained undamaged wherever possible, and protected from desiccation by damp hessian sacking or a similar protective material throughout the period of exposure (which should be kept to a minimum). Roots less than 10mm diameter shall be trimmed back neatly in line with the edge of the excavation trench using secateurs. Should any roots greater than 25mm diameter be exposed, excavation works shall cease immediately and the Arboricultural Consultant called to the site for a professional judgement.

## 4.2 Excavation (RPAs of T17, G1, and G2 within river corridor)

Excavation is required within the river corridor area to facilitate the installation of paths, steps and footbridges. Planned construction within this area is detailed on River Corridor General Arrangement drawing (drawing no: 701-222-UA001881-01 dated 28/09/12).

- The majority of the path footprint (where levels permit) will be constructed using a 'no-dig' construction with excavation limited to minor surface levelling and the removal of vegetation. All surfacing and sub-surfacing shall be contained and edged using only pegged boarding and wood containment structures. On no account will trenches be cut to contain kerb haunching or concrete edge foundations within the RPA of any tree.
- A geo-textile membrane shall be used as a base layer to contain a no-fines aggregate which shall be compacted to the minimum level required to support the final surface.
- Paths will be constructed using a staged process, with path sub-base and surfacing materials being imported using wheel barrows or a small dumper (< 2 tonnes). Should a dumper be used, it will operate from installed ground protection materials (18mm ply sheets, rubber mats, or similar).
- All required excavation will be completed by hand, or using a small excavator (< 2 tonnes) fitted with an un-toothed, grading type bucket in accordance with the protocol detailed in detailed in Section 4.1 above. Should an excavator be used, it will operate from installed ground protection materials (18mm ply sheets, rubber mats, or similar).

Since all other excavation is located either outside, or at the periphery of, the RPA of all other retained trees / groups it is anticipated that few (if any) roots will be encountered and no significant arboricultural impact is expected. Accordingly, excavation outside restricted areas of the consented development can proceed without recourse to specific tree protection measures.

## 4.3 Changes in ground level

No significant changes in soil levels are anticipated within the RPAs of retained trees/groups. However, ground level changes are planned in close proximity to the RPAs of retained trees adjacent to the river corridor area to facilitate the construction of the NEAP (detail provided on drawings: NEAP, 701-220-UA001881-02 and NEAP, Landscape Details, 701-706-UA001881-02), and to construct overflow habitat ponds (detail provided on drawing no: 701-222-UA001881-01).



Since construction activity will be excluded from the RPAs of adjacent trees by protective tree fencing, no significant arboricultural impact is expected and ground level changes can proceed without recourse to specific tree protection measures.

## 4.4 General construction activity

During the construction/installation of both the vehicular and pedestrian bridges within the river corridor area, some of the branches of adjacent retained trees within G1 and G2 shall be in close proximity to areas of construction activity.

- All cranes will be sited outside the defined RPAs of retained trees / groups, and the appointed contractor will ensure all relevant personnel shall be made aware of the location of branches and the need to avoid causing damage to them.
- Prior to the implementation of lifting operations, a representative from the equipment supply company shall visit the site and ensure all operations can be completed without causing damage to retained trees. A lifting plan will be prepared and submitted for approval prior to all lifting operations. The lifting plan will make provision for the potential for damage of retained trees.
- All lifting operations will be completed under the close direction of a qualified banksman, who will be briefed by the appointed contractor as to the need to avoid damage the stems and branches of retained trees.
- Should additional tree removal or pruning be required the Local Authority Tree Officer shall be contacted and the scope of works agreed in writing.
- All materials will be stored within designated areas and no materials shall be stored within any RPA.

## 5 POST-DEVELOPMENT LANDSCAPE WORKS

Where possible all protective fencing shall remain in place during landscape works. Where it is necessary to carry out landscaping works within the RPA of any retained tree/group or hedgerow, the position of the RPA (as indicated on TPP Appendix 2) shall be clearly marked on site by the Site Ecologist or Arboriculturalist, as appropriate, who will then brief all relevant personnel of its location and of the restrictions which apply.

### 5.1 Excavation

Any excavation within the RPA of retained trees/groups to facilitate landscaping works will be completed by hand, or using a small excavator (< 2 tonnes) fitted with an un-toothed, grading type bucket in accordance with the protocol detailed in detailed in Section 4.1 above. Should an excavator be used, it will operate from installed ground protection materials (18mm ply sheets, rubber mats, or similar).

### 5.2 Removal and preparation of surfaces within RPA

Surfaces within the RPA of retained trees shall be cleared of all debris and vegetation (if present) by hand only, in a manner that does not damage the tree stems or roots. Any ground preparation works shall be carried out by hand only, and no rotovators or similar machines of any kind should be used. If required, uneven surfaces should be levelled using good quality imported topsoil. However, increases in ground levels should be avoided.

## 5.3 Installation of hard surfaces within RPA

No construction machinery shall enter the RPA of any tree/group.

Material not suitable for bearing the new hard surface shall be removed using hand tools only, excavators shall not be used.

Where the finished sub-grade level is uneven, gullies shall be filled with coarse sand or gravel to achieve the desired level. The sub-base layer shall be compacted to the minimum level required to support final surface materials. It shall comprise no-fines aggregate and cement mix to limit compaction, and maintain water permeability and gaseous exchange. Paving shall be dry bedded onto the sub-base, and joints shall not be sealed.

## 6 HAZARDOUS MATERIALS

Any mixing of cement-based materials is to take place outside the RPAs of all trees. Provision shall be made to ensure that the mixing area is contained so that no water runoff enters the RPAs of any trees. All mixers and barrows shall be cleaned within this dedicated mixing area.

All other chemicals hazardous to tree health, including petrol and diesel, are to be stored in suitable containers as specified by COSHH Regulations (2002), and kept away from the RPAs.

## 7 ARBORICULTURAL MONITORING

### 7.1 Responsibilities

The appointed Arboricultural Consultant will:

- 7.1.1 Brief the appointed Site Ecologist and Environmental Coordinator.
- 7.1.2 Be available to provide additional verbal and on-site advice.

The appointed Site Ecologist will:

- 7.1.3 Oversee implementation of protective measures detailed in all relevant method statements and specifications.

The appointed contractor will:

- 7.1.4 Provide the Local Planning Authority with the name, credentials and contact details of the arboricultural contractor (when appointed).
- 7.1.5 Install protective tree fencing in the locations defined on the TPP prior to any adjacent construction activity.
- 7.1.6 Ensure the protective tree fence remains in position and fit for purpose during site clearance and construction.
- 7.1.7 Give the Local Authority 7 working days notice prior to the implementation of works detailed in Sections 3.1 and 4.1 above.

- 7.1.8 Ensure no service trenches, pipe runs or drains or any other excavation, earth movement or mounding shall be constructed within a root protection area of a tree identified for retention on the TPP without the prior approval in writing of the Local Planning Authority.
- 7.1.9 During all site inductions, brief personnel as to general tree protection measures (protective fencing and CEZs), and where appropriate, to specific tree protection measures which appertain to their particular work activities.

The appointed contractors Environmental Coordinator will:

- 7.1.10 Ensure all site inductions make direct reference to protected areas and the restrictions which apply to any works which have the potential to impact retained trees and hedges within protected areas.
- 7.1.11 Ensure all permits to dig issued by the appointed contractor to facilitate excavation works within RPAs will incorporate the methodology detailed in Section 4.1.
- 7.1.12 Inspect the condition and alignment of protective fencing following installation and issue the appointed contractor and Local Authority Tree Officer with an Arboricultural Inspection Certificate (AIC). The AIC will confirm all protective fencing is satisfactory. Should non-compliance issues be identified, these will be addressed immediately and an interim AIC will be issued detailing non-compliance and appropriate mitigation measures.
- 7.1.13 In the event of any incidents which have the potential to impact retained trees or hedges, or prior to any variations which have the potential to impact retained trees or hedges, seek the advice of the appointed Arboricultural Consultant. The Appointed Arboricultural Consultant will assess the impact and provide appropriate recommendations. The Arboricultural Consultant will ensure the Local Authority Tree Officer is advised of all incidents, and consulted prior to the implementation of any variations.
- 7.1.14 Keep a record of site inspections, permits to dig (within RPAs) and AICs.

## APPENDICES

### Appendix 1 – Tree Data Schedules

### Appendix 2 – Tree Protection Plan

### Appendix 3 – Sample Sign





APPENDIX 1

**Tree Data Schedule**

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority  Inspection Freq (yrs)	Physio Cond  Struct Cond	Life Expectancy	BS5837 Retention Category
T1	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	20	3	700	4 5 4 4	<b>Position:</b> Situated within G2 <b>Form:</b> Twin-stemmed at 2m, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Minor deadwood throughout crown. Acceptable condition at present <b>Other:</b>	No action required	n/a	Poor	20 to 40	B
								1.5	Poor		
T2	Over-mature <b>Crack Willow</b> <i>Salix fragilis</i>	10	1.5	800	3 3 3 3	<b>Position:</b> Situated within G2 <b>Form:</b> Multi-stemmed at 3m, with a well-balanced crown <b>History:</b> Previously pollarded tree <b>Defects:</b> Major cavity/decay on main stem. <b>Other:</b>	Monitor cavities	Moderate	Normal	20 to 40	B
								1.5	Poor		
T3	Semi-mature <b>Crack Willow</b> <i>Salix fragilis</i>	11	1.5	200	2 2 2 2	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and slightly leaning, with a sparse, slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T4	Early-mature <b>Aspen</b> <i>Populus tremula</i>	21	3	600	5 5 5 5	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and slightly leaning, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T5	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	4	1.5	400	2 6 0 0	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and very leaning, with a very unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Significant cavity/decay on main stem. <b>Other:</b> Heavy lean to west	Remove tree	Low	Very poor	<10	R
								n/a	Very poor		
T6	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	10	1.5	250	2 4 2 4	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a dense, slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T7	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	14	2.5	400	4 4 3 4	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T8	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	15	2.5	500	4 4 4 4	<b>Position:</b> Situated within G2 <b>Form:</b> Twin-stemmed at 0m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	20 to 40	C
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T9	Early-mature <b>Aspen</b> <i>Populus tremula</i>	20	3	650	5 5 5	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a dense, well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T10	Mature <b>Common or Black Elder</b> <i>Sambucas nigra</i>	4	1.5	190	3 3 2	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	20 to 40	C
								3	Normal		
T11	Young <b>Aspen</b> <i>Populus tremula</i>	9	3	140	0 2 2	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and slightly leaning, with a slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	C
								3	Normal		
T12	Early-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	14	2	280	2 4 4	<b>Position:</b> Situated within G2 <b>Form:</b> Twin-stemmed at 2m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T13	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	12	3.5	220	3 3 3	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a sparse well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Poor	10 to 20	C
								3	Normal		
T14	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	12	2	400	5 4 4	<b>Position:</b> Situated within G2 <b>Form:</b> Twin-stemmed at 2m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	20 to 40	B
								3	Normal		
T15	Mature <b>Crack Willow</b> <i>Salix fragilis</i>	9	3	600	3 4 4	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and slightly leaning, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Minor cavity/decay on main stem. Acceptable condition at present <b>Other:</b>	Monitor cavity	Low	Normal	10 to 20	C
								1.5	Poor		
T16	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	15	4	300	4 3 0	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	20 to 40	C
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T17	Mature <b>Aspen</b> <i>Populus tremula</i>	18	3	600	6 6 5	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Ivy prevented detailed inspection. <b>Other:</b>	Remove ivy and resurvey	Low	Normal	40+	B
								1.5	Normal		
T18	Over-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	14	2	1000	7 7 7	<b>Position:</b> Situated within G3, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> Previously pollarded tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T19	Over-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	12	2.5	800	6 4 2	<b>Position:</b> Situated within G3, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> Previously pollarded tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T20	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	11	3	500	5 4 4	<b>Position:</b> Situated within G3, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a sparse well-balanced crown <b>History:</b> Recently pollarded tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Poor	20 to 40	C
								3	Normal		
T21	Mature <b>Common Hawthorn</b> <i>Crataegus monogyna</i>	5	1	200	2 2 2	<b>Position:</b> Situated within G3 <b>Form:</b> Twin-stemmed at 0m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	C
								3	Normal		
T22	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	13	3.5	550	4 2 2	<b>Position:</b> Situated within G3 <b>Form:</b> Twin-stemmed at 0m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Ivy prevented detailed inspection. <b>Other:</b>	Remove ivy and resurvey	Moderate	Normal	40+	B
								1.5	Normal		
T23	Young <b>Lime</b> <i>Tilia sp.</i>	4	1.5	140	2 2 2	<b>Position:</b> Situated within G4, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T24	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	4	1.5	160	2 2 2	<b>Position:</b> Situated within G5, overhanging the site boundary <b>Form:</b> Multi-stemmed at 2m, with a well-balanced crown <b>History:</b> Previously topped tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T25	Young <b>Lime</b> <i>Tilia sp.</i>	4	2	140	2 2	<b>Position:</b> Situated within G5, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b> 0	No action required  0	n/a	Normal	40+	B
								3	Normal		
T26	Young <b>Lime</b> <i>Tilia sp.</i>	4	1.5	140	2 2	<b>Position:</b> Situated within G5, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T27	Young <b>Goat Willow</b> <i>Salix caprea</i>	5	1.5	200	2 2	<b>Position:</b> Situated west of G1 <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> Previously pollarded tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	<10	C
								3	Poor		
T28	Mature <b>Crack Willow</b> <i>Salix fragilis</i>	9	1	280	3 3	<b>Position:</b> Situated west of G1 <b>Form:</b> Multi-stemmed at 2m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Poor	10 to 20	C
								3	Poor		
T29	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	4	0	170	4 1 0	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and very leaning, with a very unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Significant cavity/decay on main stem. Acceptable condition at present <b>Other:</b>	Remove tree	Low	Poor	<10	R
								n/a	Very poor		
T30	Semi-mature <b>Goat Willow</b> <i>Salix caprea</i>	7	0.5	240	2 2	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and vertical, with a sparse well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Minor cavity/decay on main stem. <b>Other:</b>	No action required	n/a	Poor	<10	C
								3	Poor		
T31	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	6	1	190	3 2	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and vertical, with a sparse, slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Minor cavity/decay on main stem. <b>Other:</b>	Remove tree	Low	Poor	<10	R
								n/a	Poor		
T32	Semi-mature <b>Crack Willow</b> <i>Salix fragilis</i>	3	0	150	1 1	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and very leaning, with a sparse, very unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Major broken branches throughout crown. <b>Other:</b>	Remove broken branches	Low	Normal	10 to 20	C
								3	Poor		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T33	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	8	1.5	220	1 2 4 2	<b>Position:</b> Situated west of G1 <b>Form:</b> Twin-stemmed at 1m, with a sparse, very unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Significant deadwood throughout crown. <b>Other:</b>	Remove tree	Low	Very poor	<10	R
								n/a	Very poor		
T34	Dead <b>Unknown</b> <i>O</i>	6	10	190	2 2 2 2	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and vertical, with a sparse well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Dead tree. <b>Other:</b>	Remove tree	Low	Dead	<10	R
								n/a	Dead		
T35	Early-mature <b>Crack Willow</b> <i>Salix fragilis</i>	5	1	170	1 1 1 1	<b>Position:</b> Situated west of G1 <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Major deadwood throughout crown. <b>Other:</b>	Remove tree	Low	Very poor	<10	R
								n/a	Very poor		
T36	Early-mature <b>Grey Poplar</b> <i>Populus canescens</i>	10	4	380	6 3 5 4	<b>Position:</b> Situated north of G8 <b>Form:</b> Single-stemmed and vertical, with a dense, well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T37	Semi-mature <b>Crack Willow</b> <i>Salix fragilis</i>	7	2.5	150	3 1 1 1	<b>Position:</b> Situated north of G8 <b>Form:</b> Single-stemmed and vertical, with a sparse well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Significant deadwood throughout crown. Acceptable condition at present <b>Other:</b>	No action required	n/a	Poor	<10	C
								1.5	Poor		
T38	Mature <b>Field Maple</b> <i>Acer campestre</i>	6	1.5	510	4 4 4 4	<b>Position:</b> Situated north of G8 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	A
								3	Normal		
T39	Semi-mature <b>Common Beech</b> <i>Fagus sylvatica</i>	11	0	200	4 2 4 4	<b>Position:</b> Situated within G10, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a dense, well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	A
								3	Normal		
T40	Mature <b>Sessile Oak</b> <i>Quercus petraea</i>	13	1.5	690	6 6 6 6	<b>Position:</b> Situated south of G11, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	A
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T41	Over-mature <b>Field Maple</b> <i>Acer campestre</i>	7	2	320	4 5 2 5	<b>Position:</b> Situated within G13 <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> Previously topped tree <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T42	Over-mature <b>Field Maple</b> <i>Acer campestre</i>	11	2	440	4 2 4 4	<b>Position:</b> Situated within G13 <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Major deadwood throughout crown. Acceptable condition at present <b>Other:</b>	No action required	n/a	Normal	40+	A
								3	Normal		
T43	Over-mature <b>Common Horse Chestnut</b> <i>Aesculus hippocastanum</i>	20	2	1300	9 8 12 10	<b>Position:</b> Situated in the interior of the site <b>Form:</b> Multi-stemmed at 3m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Leaf miner. Acceptable condition at present <b>Other:</b>	Monitor disease/decay	Low	Poor	40+	A
								1	Normal		
T44	Over-mature <b>Common Horse Chestnut</b> <i>Aesculus hippocastanum</i>	20	1.5	1150	11 10 10 11	<b>Position:</b> Situated east of G15 <b>Form:</b> Multi-stemmed at 4m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Leaf miner. Significant cavity/decay on major limb(s) <b>Other:</b>	Monitor disease/decay	Low	Poor	40+	A
								1	Normal		
T45	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	10	2	220	4 4 4 4	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T46	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	8	2.5	210	4 4 4 4	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T47	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	11	2	200	4 4 4 4	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T48	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	8	0.5	170	2 2 2 2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	C
								3	Normal		



Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T49	Semi-mature <b>Common Hornbeam</b> <i>Carpinus betulus</i>	5	0.5	140	2 2 1	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T50	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	8	1.5	180	2 2 2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T51	Semi-mature <b>Common Beech</b> <i>Fagus sylvatica</i>	6	2.5	150	2 2 1	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	Monitor crown condition	Low	Poor	<10	C
								3	Normal		
T52	Early-mature <b>Field Maple</b> <i>Acer campestre</i>	9	2	220	3 3 3	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T53	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	9	1.5	260	2 3 2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and slightly leaning, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Poor	40+	C
								3	Normal		
T54	Early-mature <b>Field Maple</b> <i>Acer campestre</i>	9	1	210	3 3 3	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T55	Semi-mature <b>Norway Maple</b> <i>Acer platanoides</i>	9	2	240	3 3 3	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T56	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	7	2	160	2 2 2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S		Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T57	Mature <b>Common Hawthorn</b> <i>Crataegus monogyna</i>	5	0.5	300	2	2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. Minor deadwood throughout crown <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		
T58	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	6	3	190	2	2	<b>Position:</b> Situated within G15 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		
T59	Early-mature <b>Field Maple</b> <i>Acer campestre</i>	6	2	180	2	2	<b>Position:</b> Situated in the interior of the site <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		
T60	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	7	2.5	180	2	2	<b>Position:</b> Situated within G16 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		
T61	Early-mature <b>Field Maple</b> <i>Acer campestre</i>	6	2	160	2	2	<b>Position:</b> Situated within G16 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		
T62	Mature <b>Field Maple</b> <i>Acer campestre</i>	7	1.5	350	3	3	<b>Position:</b> Situated within G16 <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Ivy prevented detailed inspection. <b>Other:</b>	Remove ivy and resurvey	Low	Normal	40+	B
									3	Normal		
T63	Mature <b>Field Maple</b> <i>Acer campestre</i>	10	0.5	600	3	3	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Low	Normal	40+	B
									3	Normal		
T64	Mature <b>Field Maple</b> <i>Acer campestre</i>	8	0.5	300	3	2	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
									3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T65	Over-mature <b>Field Maple</b> <i>Acer campestre</i>	6	0.5	600	3 3	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Major cavity/decay on main stem. Acceptable condition at present <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T66	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	6	2	150	2 2	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T67	Early-mature <b>Sessile Oak</b> <i>Quercus petraea</i>	7	1.5	350	4 3	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Poor		
T68	Mature <b>Field Maple</b> <i>Acer campestre</i>	10	0.5	500	3 3	<b>Position:</b> Situated south of G18, overhanging the site boundary <b>Form:</b> Twin-stemmed at 1m, with a slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T69	Over-mature <b>Field Maple</b> <i>Acer campestre</i>	8	2	550	3 3	<b>Position:</b> Situated within G18, overhanging the site boundary <b>Form:</b> Single-stemmed and slightly leaning, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Major cavity/decay on main stem. Acceptable condition at present <b>Other:</b>	Monitor cavity	Low	Normal	10 to 20	C
								1.5	Poor		
T70	Mature <b>Common or Black Elder</b> <i>Sambucas nigra</i>	4	0.5	160	1 1	<b>Position:</b> Situated within G19 <b>Form:</b> Single-stemmed and slightly leaning, with a sparse, slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Major deadwood throughout crown. <b>Other:</b>	Remove tree	Low	Very poor	<10	R
								n/a	Poor		
T71	Mature <b>Common Hawthorn</b> <i>Crataegus monogyna</i>	9	0.5	270	2 3	<b>Position:</b> Northern edge of G20 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T72	Mature <b>Sessile Oak</b> <i>Quercus petraea</i>	11	3	800	5 5	<b>Position:</b> Northern edge of G21 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	A
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T73	Mature <b>Field Maple</b> <i>Acer campestre</i>	10	1	500	3 3	<b>Position:</b> Adjacent to the northern site boundary, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Low	Normal	40+	B
								n/a	Normal		
T74	Early-mature <b>Common Horse Chestnut</b> <i>Aesculus hippocastanum</i>	13	0.5	510	5 5	<b>Position:</b> Situated within G25, overhanging the site boundary;a road <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Leaf miner. Acceptable condition at present <b>Other:</b>	Monitor crown condition	Low	Normal	40+	A
								1	Normal		
T75	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	11	0.5	500	4 4	<b>Position:</b> Situated within G25, overhanging a car park;the site boundary <b>Form:</b> Single-stemmed and vertical, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Normal	40+	B
								1	Normal		
T76	Mature <b>Field Maple</b> <i>Acer campestre</i>	9	4	500	3 4	<b>Position:</b> Situated within G25, overhanging a car park;the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Normal	40+	B
								1	Normal		
T77	Early-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	12	3	500	3 2	<b>Position:</b> Situated within G25, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a sparse, slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Poor	20 to 40	C
								1	Normal		
T78	Mature <b>Field Maple</b> <i>Acer campestre</i>	9	4	500	3 3	<b>Position:</b> Situated within G25, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a slightly unbalanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Normal	20 to 40	C
								1	Normal		
T79	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	11	3.5	500	4 4	<b>Position:</b> Situated within G25, overhanging the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Normal	40+	B
								1	Normal		
T80	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	14	3	500	7 5	<b>Position:</b> Situated within G25, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a slightly unbalanced crown <b>History:</b> No previous pruning <b>Defects:</b> Vegetation prevented detailed inspection. <b>Other:</b>	Remove vegetation and resurvey	Moderate	Normal	40+	B
								1	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T81	Mature <b>Field Maple</b> <i>Acer campestre</i>	11	3.5	500	4 4 4	<b>Position:</b> Situated on third-party land north of G26, overhanging the site boundary <b>Form:</b> Multi-stemmed at 1m, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T82	Mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	11	3	580	6 6 6	<b>Position:</b> Situated within G25, overhanging a road;the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Ivy prevented detailed inspection. <b>Other:</b>	Remove ivy and resurvey	Moderate	Normal	40+	A
								1.5	Normal		
T83	Semi-mature <b>Field Maple</b> <i>Acer campestre</i>	6	2	160	2 2 2	<b>Position:</b> Situated within G27 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No previous pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T84	Semi-mature <b>Lime</b> <i>Tilia sp.</i>	5	1	150	2 2 2	<b>Position:</b> Situated on third-party land east of the site boundary <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T85	Semi-mature <b>Common Horse Chestnut</b> <i>Aesculus hippocastanum</i>	5	1.5	180	2 2 2	<b>Position:</b> Situated within G29 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Leaf miner. Acceptable condition at present <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T86	Semi-mature <b>Lime</b> <i>Tilia sp.</i>	5	1.5	150	2 2 2	<b>Position:</b> Situated within G29 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T87	Semi-mature <b>Sessile Oak</b> <i>Quercus petraea</i>	5	2	150	2 2 2	<b>Position:</b> Situated within G29 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		
T88	Semi-mature <b>Common Ash</b> <i>Fraxinus excelsior</i>	5	1.5	140	2 2 2	<b>Position:</b> Situated within G29 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Acceptable condition at present. <b>Other:</b>	No action required	n/a	Normal	40+	B
								3	Normal		

Reference	Age & Species	Height (m)	Crown Ht (m)	Diameter (mm)	Crown Spread N W (m) E S	Tree Notes	Recommendations	Priority Inspection Freq (yrs)	Physio Cond Struct Cond	Life Expectancy	BS5837 Retention Category
T89	Semi-mature <b>Common Horse Chestnut</b> <i>Aesculus hippocastanum</i>	5	1.5	200	3	<b>Position:</b> Situated within G29 <b>Form:</b> Single-stemmed and vertical, with a well-balanced crown <b>History:</b> No significant pruning <b>Defects:</b> Missing bark on main stem. Leaf miner <b>Other:</b>	No action required	n/a	Normal	40+	B
					3			3	Normal		
T90	Over-mature <b>Crack Willow</b> <i>Salix fragilis</i>	10	1	700	3	<b>Position:</b> Situated within G2 <b>Form:</b> Single-stemmed and very leaning, with a very unbalanced crown <b>History:</b> Previously pollarded tree <b>Defects:</b> Significant cavity/decay on main stem. <b>Other:</b>	Monitor cavity	Moderate	Normal	10 to 20	C
					4			1.5	Very poor		

Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
G1	10	English Elm Hazel Common Ash Elder Aspen Common Horse Chestnut Crack Willow Field Maple Dogwood Hazel	<i>Ulmus procera</i> <i>Corylus avellana</i> <i>Fraxinus excelsior</i> <i>Sambucus nigra</i> <i>Populus tremula</i> <i>Aesculus hippocastanum</i> <i>Salix fragilis</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Corylus avellana</i>	Neglected mixed group adjacent to existing stream bed (dry) containing various semi-/early-/over-mature trees and mixed species under-story.	No Action Required	40+	A
G2	13	English Elm Hazel Common Ash Elder Aspen Common Horse Chestnut Crack Willow Field Maple Dogwood	<i>Ulmus procera</i> <i>Corylus avellana</i> <i>Fraxinus excelsior</i> <i>Sambucus nigra</i> <i>Populus tremula</i> <i>Aesculus hippocastanum</i> <i>Salix fragilis</i> <i>Acer campestre</i> <i>Cornus sanguinea</i>	Neglected mixed group adjacent to existing stream bed (dry) containing various semi-/early-/over-mature trees and mixed species under-story. Standing dead trees (Elm) Significant trees plotted individually (T1-T17 and T90)	No Action Required	40+	A
G3	6	English Elm Common Ash Aspen Crack Willow Field Maple Dogwood Blackthorn Dog Rose Wayfaring-Tree Hawthorn Crab Apple	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Populus tremula</i> <i>Salix fragilis</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Rosa canina</i> <i>Viburnum lantana</i> <i>Crataegus monogyna</i> <i>Malus sylvestris</i>	Neglected hedge-line containing various mature and over-mature examples of Ash and Field Maple. Standing dead trees (Elm) Significant trees plotted individually (T18-22) Historic management as hedge with mature Elm standards indicated by plant physiology.	No Action Required	40+	A

Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
G4	4	English Elm Common Ash Field Maple Dogwood Blackthorn Dog Rose Hawthorn Elder	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Rosa canina</i> <i>Viburnum lantana</i> <i>Sambucus nigra</i>	Maintained hedge-line containing semi-mature Ash standards (T24-T26).	No Action Required	40+	A
G5	4	English Elm Dogwood Blackthorn Dog Rose Hawthorn Elder Wayfaring-Tree	<i>Ulmus procera</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Rosa canina</i> <i>Viburnum lantana</i> <i>Sambucus nigra</i> <i>Viburnum lantana</i>	Maintained hedge containing three semi-mature Ash standards.	No Action Required	40+	A
G6	1	Hazel Sessile Oak Cherry Gorse	<i>Corylus avellana</i> <i>Quercus petraea</i> <i>Prunus sp.</i> <i>Ulex europaeus</i>	Recently planted, shelter-belt containing mainly Hazel. 8 rows at 1.5m spacing.	No Action Required	40+	C
G7	7	English Elm Common Ash Field Maple Blackthorn Hawthorn	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Crataegus monogyna</i>	Neglected hedge-line in poor physiological condition. Standing dead trees (Elm) Individual specimens of Ash and Field Maple.	No Action Required	10-20	C
G8	9	English Elm Common Ash Dogwood Blackthorn	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i>	Neglected mature/over-mature hedge-line. Standing dead trees (Elm)	No Action Required	40+	A



Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
		<b>Dog Rose Hawthorn Elder Hazel</b>	<i>Rosa canina</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Corylus avellana</i>				
<b>G9</b>	4	<b>Common Ash Hazel Wayfaring-Tree</b>	<i>Fraxinus excelsior</i> <i>Corylus avellana</i> <i>Viburnum lantana</i>	Pocket of recent planting (well established)	No Action Required	40+	B
<b>G10</b>	7	<b>English Elm Hawthorn Elder</b>	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i>	Neglected mature/over-mature hedge-line. Standing dead trees (Elm)	No Action Required	10-20	C
<b>G11</b>	6	<b>Hawthorn Elder</b>	<i>Crataegus monogyna</i> <i>Sambucus nigra</i>	Isolated small mature/over-mature group.	No Action Required	20-40	C
<b>G12</b>	7	<b>English Elm Hawthorn Elder</b>	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i>	Neglected mature/over-mature hedge-line. Standing dead trees (Elm)	No Action Required	40+	A
<b>G13</b>	7	<b>English Elm Hawthorn Elder Field Maple Blackthorn</b>	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i>	Neglected mature/over-mature hedge-line. Standing dead trees (Elm) Containing individual Field Maple (T41, T42).	No Action Required	40+	A

Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
G14	6	Hawthorn Elder Field Maple Blackthorn Dogwood Dog Rose	<i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Cornus sanguinea</i> <i>Rosa canina</i>	Neglected mature/over-mature hedge-line.	No Action Required	40+	A
G15	5	English Elm Common Ash Field Maple Dogwood Blackthorn Dog Rose Wayfaring-Tree Hawthorn Crab Apple Beech Hornbeam Scots Pine Norway Maple	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Rosa canina</i> <i>Viburnum lantana</i> <i>Crataegus monogyna</i> <i>Malus sylvestris</i> <i>Fagus sylvatica</i> <i>Carpinus betulus</i> <i>Pinus sylvestris</i> <i>Acer platanoides</i>	Neglected hedge-line Containing individual trees (T45-T58).	No Action Required	40+	A
G16	4	English Elm Hawthorn Elder Field Maple Blackthorn Dog Rose	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Rosa canina</i>	Early-mature hedge-line. Containing individual trees (T60-T62).	No Action Required	40+	A
G17	6	English Elm Hawthorn Elder Field Maple	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i>	Early-mature hedge-line Standing dead trees (Elm)	No Action Required	40+	A

Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
		<b>Blackthorn</b> <b>Common Ash</b>	<i>Prunus spinosa</i> <i>Fraxinus excelsior</i>				
<b>G18</b>	6	<b>English Elm</b> <b>Hawthorn</b> <b>Elder</b> <b>Field Maple</b> <b>Blackthorn</b> <b>Common Ash</b> <b>Dog Rose</b> <b>Dogwood</b> <b>Sessile Oak</b> <b>Cherry Plum</b>	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Fraxinus excelsior</i> <i>Rosa canina</i> <i>Cornus sanguinea</i> <i>Quercus petraea</i> <i>Prunus cerasifera</i>	Mature hedge-line Containing individual trees (T63-T68).	No Action Required	40+	A
<b>G19</b>	10	<b>Hawthorn</b> <b>Elder</b> <b>Field Maple</b>	<i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i>	Woodland edge containing mature trees and Elder under-story	No Action Required	40+	A
<b>G20</b>	6	<b>English Elm</b> <b>Elder</b>	<i>Ulmus procera</i> <i>Sambucus nigra</i>	Neglected mature/over-mature hedge-line. Standing dead trees (Elm)	No Action Required	10-20	C
<b>G21</b>	12	<b>English Elm</b> <b>Sycamore</b> <b>Hawthorn</b> <b>Elder</b> <b>Field Maple</b> <b>Blackthorn</b> <b>Common Ash</b> <b>Dog Rose</b> <b>Dogwood</b> <b>Sessile Oak</b>	<i>Ulmus procera</i> <i>Acer pseudoplatanus</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Fraxinus excelsior</i> <i>Rosa canina</i> <i>Cornus sanguinea</i> <i>Quercus petraea</i>	Woodland block of approximately 2ha. Predominantly early-mature even aged with Elder and Hawthorn under-story. Isolated examples of over-mature Field Maple. Containing individual tree (T72).	No Action Required	40+	A

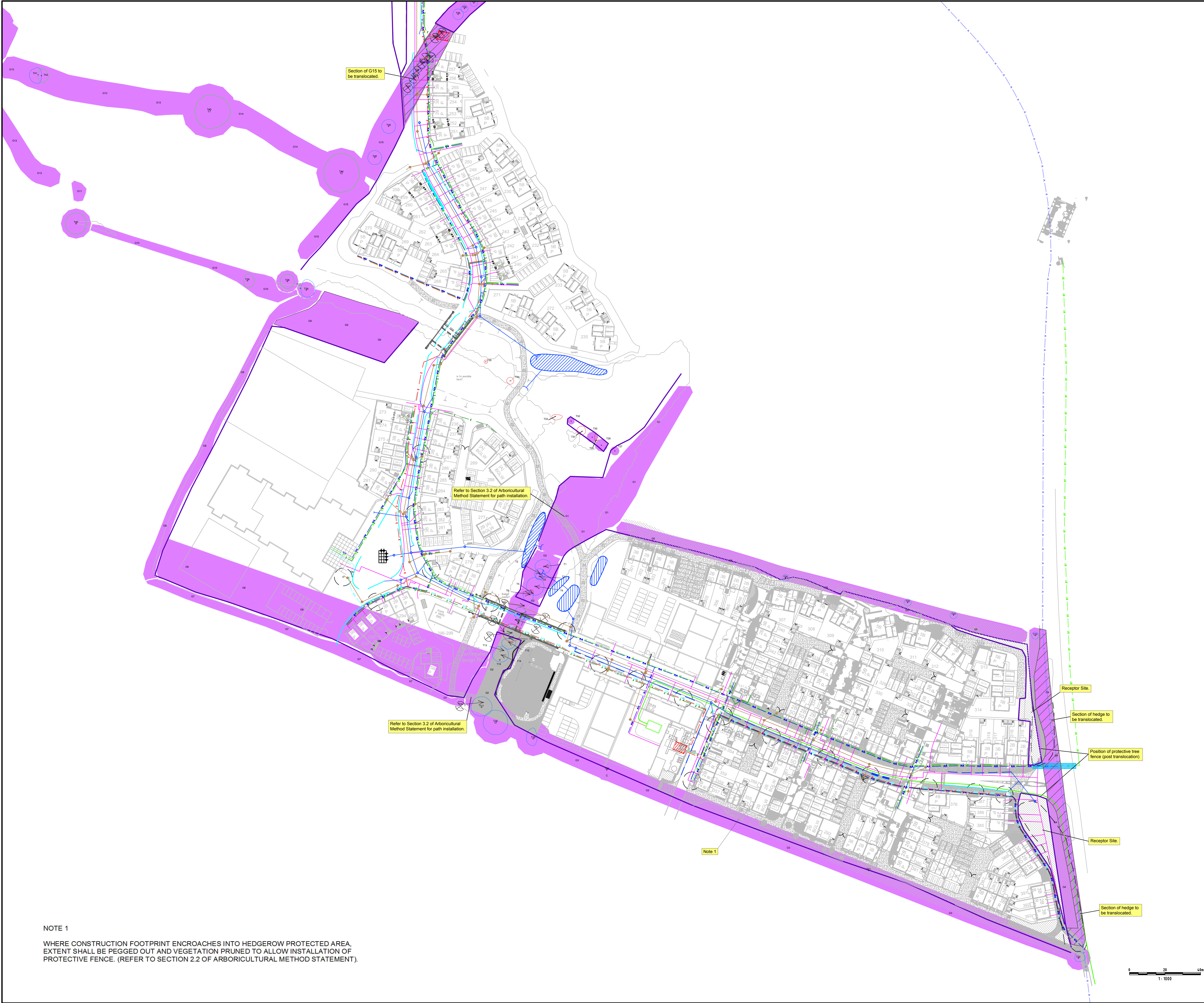
Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
		Cherry Plum	<i>Prunus cerasifera</i>				
G22	5	English Elm Common Ash Field Maple Dogwood Blackthorn Wayfaring-Tree Hawthorn Crab Apple Cherry Plum Elder	<i>Ulmus procera</i> <i>Fraxinus excelsior</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Viburnum lantana</i> <i>Crataegus monogyna</i> <i>Malus sylvestris</i> <i>Prunus cerasifera</i> <i>Sambucus nigra</i>	Shelter-belt/mature hedge-line	No Action Required	40+	A
G23	10	Field Maple	<i>Acer campestre</i>	Group of 4 trees.	No Action Required	10-20	C
G24	7	English Elm Hawthorn Elder Field Maple Blackthorn Common Ash	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Fraxinus excelsior</i>	Mature hedge-line/shelter-belt Containing individual trees (T74-T80).	No Action Required	40+	A
G25	11	Common Ash	<i>Fraxinus excelsior</i>	Group of 3 early-mature trees	No Action Required	40+	B

Reference	Average Height (m)	Species		Tree Notes	Recommendations	Life Expectancy	BS5837 Retention Category
G26	4	English Elm Field Maple Blackthorn Hawthorn Crab Apple	<i>Ulmus procera</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Crataegus monogyna</i> <i>Malus sylvestris</i>	Maintained hedge-line Containing individual tree (T81).	No Action Required	40+	A
G27	4	English Elm Field Maple Blackthorn Hawthorn Crab Apple	<i>Ulmus procera</i> <i>Acer campestre</i> <i>Prunus spinosa</i> <i>Crataegus monogyna</i> <i>Malus sylvestris</i>	Maintained hedge-line	No Action Required	40+	A
G28	4	English Elm Field Maple Dogwood Blackthorn Hawthorn	<i>Ulmus procera</i> <i>Acer campestre</i> <i>Cornus sanguinea</i> <i>Prunus spinosa</i> <i>Crataegus monogyna</i>	Containing individual tree (T84).	No Action Required	40+	A
G29	5	English Elm Hawthorn Elder Blackthorn Dog Rose Crab Apple	<i>Ulmus procera</i> <i>Crataegus monogyna</i> <i>Sambucus nigra</i> <i>Prunus spinosa</i> <i>Rosa canina</i> <i>Malus sylvestris</i>	Containing individual trees (T86-T89).	No Action Required	40+	A

## APPENDIX 2


### **Tree Protection Plan**





- Key
- Trees to be removed
  - Position of protective tree fence
  - Root Protection Area
  - Canopy extent of Category A tree
  - Canopy extent of Category B tree
  - Canopy extent of Category C tree
  - Canopy extent of Category R tree
  - Broadband (WDA) & CCTV (with joint boxes)
  - BT with JBF6 joint box
  - Electricity
  - Gas
  - Water (potable)
  - NTL with C1 joint box
  - CCTV
  - WDA Broadband
  - BT-NTL Duct
  - Broadband & CCTV Duct

01	FIRST ISSUE	24 AUG 12
Issue	Description	Date
Status		
PRELIMINARY		
NOT TO BE USED FOR CONSTRUCTION		
Scales	1:1000	Current Issue Signatures
		Author J.WEAVER
Original Size	A1	Checker S.HARRIS
Height Datum	DATUM	Approver S.HARRIS
Grid	GRID	Copyright reserved
Filename: V001-UA001881-UE21-02-TPP.DWG		
Client		

 HYDER CONSULTING (UK) Limited  
5th Floor, The Pithay  
All Saints Street  
Bristol, England  
BS1 2NL  
Tel: +44 (0)870 000 3003  
Fax: +44 (0)870 000 3903

Project

BICESTER ECOTOWN

Title

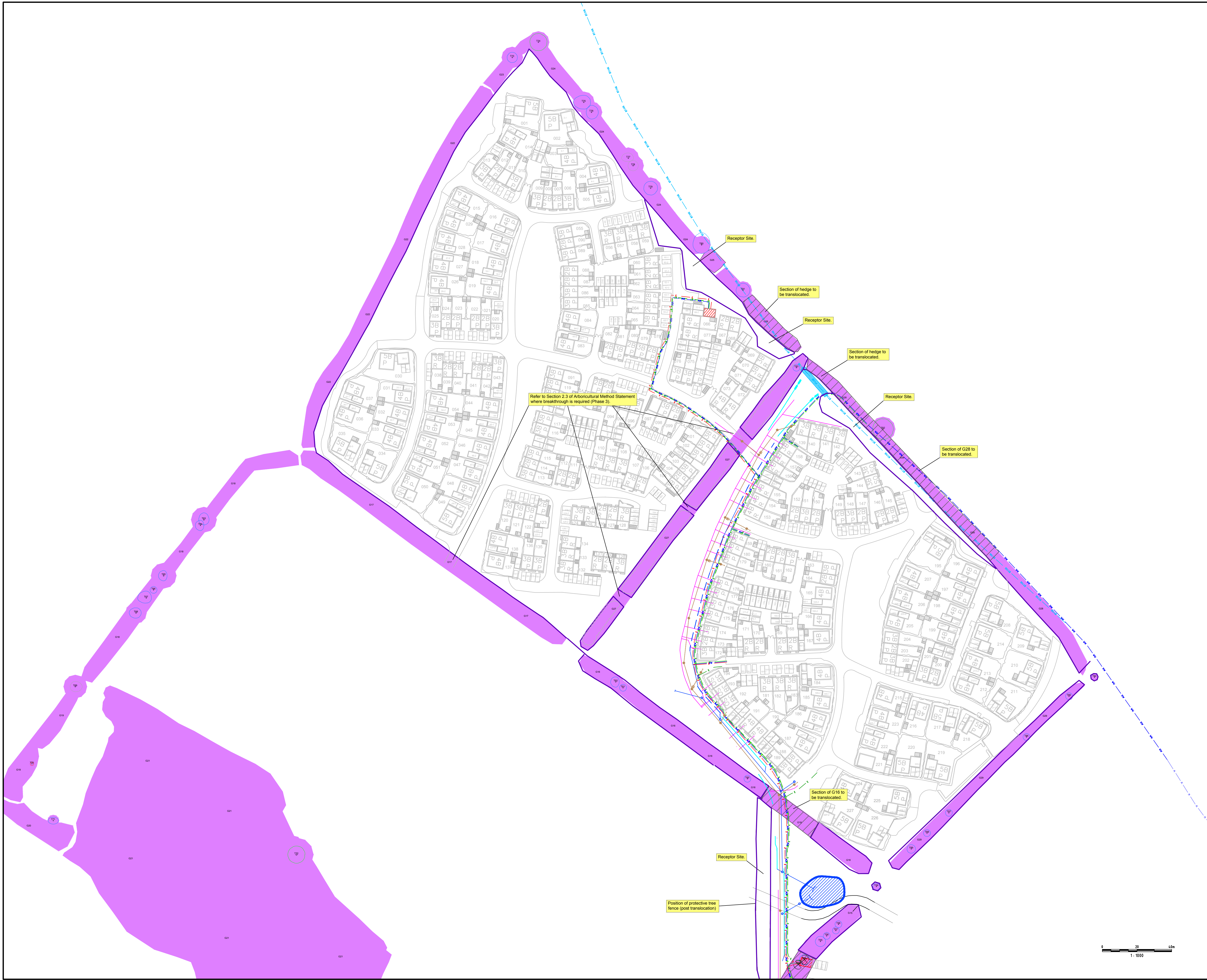
TREE PROTECTION PLAN  
SHEET 1 OF 2

Drawing No.	Project No.	Issue
TPP1	UA001881	1

NOTE 1


WHERE CONSTRUCTION FOOTPRINT ENCOACHES INTO HEDGEROW PROTECTED AREA, EXTENT SHALL BE PEGGED OUT AND VEGETATION PRUNED TO ALLOW INSTALLATION OF PROTECTIVE FENCE. (REFER TO SECTION 2.2 OF ARBORICULTURAL METHOD STATEMENT).





**Key**

- Trees to be removed
- Position of protective tree fence
- Root Protection Area
- Canopy extent of Category A tree
- Canopy extent of Category B tree
- Canopy extent of Category C tree
- Canopy extent of Category R tree
- Broadband (WDA) & CCTV (with joint boxes)
- BT with JBF6 joint box
- Electricity
- Gas
- Water (potable)
- NTL with C1 joint box
- CCTV
- WDA Broadband
- BT-NTL Duct
- Broadband & CCTV Duct

01	FIRST ISSUE	24 AUG 12
Issue	Description	Date
Status		
PRELIMINARY NOT TO BE USED FOR CONSTRUCTION		
Scales	1:1000	Current Issue Signatures
Original Size	A1	Author JWEAVER
Height Datum	DATUM	Checker SHARRIS
Grid	GRID	Approver SHARRIS
Copyright reserved		
Filename:	V001-UA001881-UE21-02-TPP.DWG	
Client		
<div><div>HYDER CONSULTING (UK) Limited 5th Floor, The Pithay All Saints Street Bristol, England BS1 2NL Tel: +44 (0)870 000 3003 Fax: +44 (0)870 000 3903</div></div>		
Project	BICESTER ECOTOWN	
Title	TREE PROTECTION PLAN SHEET 2 OF 2	
Drawing No.	Project No.	Issue
TPP1	UA001881	1

Plot Date: 21/Sep/2012 5:25:08 PM File Location: K:\C1500 - C1549\C1507 BICESTER ECOTOWN\C1507 ARBORICULTURE\CAD\V001-UA001881-UE21-02-TPP.DWG V1



## APPENDIX 3

### **Sample Sign**



# **TREE PROTECTION AREA KEEP OUT**

## **THE FOLLOWING RESTRICTIONS APPLY:-**

- THE PROTECTIVE FENCE MUST NOT BE REMOVED
- NO PERSON SHALL ENTER THIS AREA
- NO MACHINE OR PLANT SHALL ENTER THIS AREA
- NO STORAGE OF MATERIALS OR SPOIL
- NO EXCAVATION

**NO ACCESS WITHOUT WRITTEN PERMISSION OF THE LOCAL  
PLANNING AUTHORITY**

