



# ARBORICULTURAL METHOD STATEMENT

to BS 5837:2012 at:

*Land South of **Wallis Avenue,**  
**Rochdale**  
**OL16 4PS***

Prepared for: *FDA Landscape Ltd*

Date: *April 2026*

AWA Reference: *AWA7343AMS*

## Executive Summary

This Arboricultural Method Statement has been prepared in accordance with BS 5837:2012 – Trees in Relation to Design, Demolition and Construction – Recommendations to outline how retained trees will be protected throughout the proposed development.

Drawing on the findings of a detailed tree survey (Ref: AWA7343), this document sets out a clear timeline for the implementation of tree management and protection measures before, during, and after construction. It includes specifications for required tree works, protective fencing and ground protection, and detailed guidance for any activities within or adjacent to Root Protection Areas (RPAs).

A copy of this document must remain on site for the duration of all development activities and must be adhered to in full to ensure compliance with planning conditions and to safeguard the long-term health of retained trees.

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## 1. Introduction

### 1.1 Instruction

- 1.1.1 We were instructed by FDA Landscape Ltd to prepare an arboricultural method statement for the proposed development.

### 1.2 Purpose

- 1.2.1 This method statement has been prepared in order to demonstrate that the development operations at this site can be undertaken with minimal risk of adverse impact on the trees to be retained.
- 1.2.2 This method statement conforms to BS 5837:2012 *Trees in relation to design, demolition and construction - Recommendations*. It is based on the arboricultural data, collected at a site visit during March 2026, detailed within Appendix 3 of this report.

### 1.3 Description of Development

- 1.3.1 It is proposed to build a new commercial development with associated access, parking, landscaping and facilities. The proposed development layout has been provided by my client and is the basis for the Tree Protection Plan at Appendix 4.

### 1.4 Details of Consent

- 1.4.1 Planning consent is subject to this method statement being agreed upon in advance by the Local Planning Authority. The contents of this report must be adhered to, before, during, and after the construction phase.
- 1.4.2 As such, no equipment, machinery or materials shall be brought onto the site in connection with the development until this arboricultural method statement detailing tree management and tree protection measures has been submitted to and approved by the Local Planning Authority.

## 1.5 Legal

- 1.5.1 The following advice is for guidance purposes only. Some trees are protected by legislation, and it is essential that the legal status of trees is established prior to carrying out works to them.
- 1.5.2 Unauthorised work to protected trees could lead to prosecution, resulting in enforcement action such as fines or a criminal record. Tree Preservation Orders, Conservation Areas, Planning Conditions, Felling Licences or Restrictive Covenants legally protect many trees in the UK.
- 1.5.3 Due to the large potential penalties for illegally carrying out work to protected trees, before authorising any tree works a check should be made with the Local Planning Authority to see if the trees are covered by a Tree Preservation Order or if they are within a Conservation Area. If either applies, then statutory permission is required before any works can take place (unless such work is approved as part of full planning permission).
- 1.5.4 The Multi-Agency Geographical Information for the Countryside (MAGIC) website was used to search for areas of ancient woodlands listed on the Ancient Woodland (DEFRA 2026), and a check for catalogued Ancient and Veteran trees using the woodland trust ancient tree inventory (ATI) (Woodland Trust 2026).
- 1.5.5 It was confirmed that there are no designated ancient woodlands or veteran or ancient trees within the survey area.
- 1.5.6 Trees provide a wide range of habitats for many species, some of which are legally protected such as bats, nesting birds, badgers and dormice. It is essential that appropriate care is taken to ensure that this legislation is not contravened.
- 1.5.7 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.
- 1.5.8 All tree work should be carried out according to British Standard 3998:2010 Tree Work - Recommendations.

## 2. Method Statement Timeline

### 2.1 Overview of Sequence of Operations

2.1.1 In overview, it is necessary to undertake the following sequence of operations in relation to arboricultural input for development operations.

- 1 Method statement approved by the LPA
- 2 Undertake tree works
- 3 Install tree protection measures
- 4 Pre commencement meeting/ confirm fencing is as specified
- 5 Construct new development
- 6 Remove tree protection fencing and undertake paving/soft landscaping within RPAs.

### 2.2 Specific Sequence of Operations

2.2.1 The following timeline table informs the key principles for development operations proceeding in relation to arboricultural requirements conditioned as part of this method statement.

2.2.2 The actions and timescales within this table must be adhered to in order to discharge the arboricultural method statement planning condition for this site.

2.2.3 The precise timing and order of some of the development operations may need to be changed due to site specific operational requirements, yet any operations that may affect the trees on the site must be done so under arboricultural supervision by a suitably qualified person appointed by the contractor.

| Sequence of Operations   |                                                                                                                                                                             |                                                                                                                                                                                      |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stages                   | Action                                                                                                                                                                      | Arboricultural Input                                                                                                                                                                 |
| <b>1 Approval</b>        | This AMS is submitted to and approved in writing by the LPA.                                                                                                                | If necessary, liaise with contractor and LPA to discuss methodologies detailed.                                                                                                      |
| <b>2 Tree Works</b>      | Tree removals and pruning works shall be carried out as the first operation on site, in accordance with Appendix 3 and as detailed in section 3.1.                          | Review the tree work requirements with the tree contractor. If necessary, liaise with the contractor on site during tree works.                                                      |
| <b>3 Tree Protection</b> | Installation of the tree protection measures will take place as shown at Appendix 4, prior to any storage of plant, materials and machinery.                                | If necessary, liaise with the contractor installing the tree protection measures until completed to the standard specified in this method statement.                                 |
| <b>4 Site Meeting</b>    | Following installation of tree protection measures, the LPA shall be invited to inspect the fencing and discuss any other site operations that have implications for trees. | Meeting with a representative of the LPA and the site manager. Alternatively, contractor can confirm the protection measures, and tree works are as specified by taking photographs. |
| <b>5 Construction</b>    | Undertake the construction of the new development.                                                                                                                          | If necessary, liaise with the local authority and the site foreman to ensure any issues are adequately resolved.                                                                     |
| <b>6 Site Finishing</b>  | Removal of tree protection fencing must only be undertaken when all site traffic and machinery has left the site. Undertake associated landscaping within RPAs.             | If acceptable to the LPA, the contractor can take photographs of the site to give to the LPA to gain approval for the removal of the tree protection fencing.                        |

## 3. Tree Management

### 3.1 Tree Works

- 3.1.1 Norway Maple T28; Removal required to facilitate laying of new pedestrian footway.
- 3.1.2 Goat Willow G37; Partial removal of east section that overlaps the development and to allow adequate working space.
- 3.1.3 Goat Willow G38 and G39, Hornbeam T41 and T42; Removal required for development of new carpark.
- 3.1.4 All tree work must be carried out according to British Standard 3998:2010 Tree Work - Recommendations.
- 3.1.5 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.

## 4. Tree Protection

### 4.1 Tree Protection Fencing

- 4.1.1 The tree protection fencing for this site should be located as shown on the Tree Protection Plan at Appendix 4 (as illustrated with a thick purple line).
- 4.1.2 The tree protection fencing will be appropriate to the degree and proximity of likely construction works. In this instance, due to the ground conditions an adequate level of protection for the trees could be provided by secured 'Heras' type fencing, of welded mesh panels on rubber or concrete feet (see Figures at Appendix 1 for examples).
- 4.1.3 The precise fencing location may need to be slightly adjusted on site due to local site conditions but is not expected to differ from that shown on the Tree Protection Plan. The final fencing position must be agreed on by the LPA before the commencement of any site works.

- 4.1.4 The tree protection fencing details should be incorporated into relevant subsequent plans, method statements used for design purposes and construction drawings issued for use on site, to ensure that all interested parties are fully aware of the areas in which access and works may and may not take place.
- 4.1.5 The fencing should be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence (see Appendix 1 for an example). The fencing panels should be supported on the inner side by stabilizer struts, which should normally be attached to a base plate secured with ground pins or mounted on a block tray (see Appendix 1 for an example).
- 4.1.6 The area enclosed by the fencing is referred to as the Construction Exclusion Zone (CEZ); this area should be considered a restricted area. No pedestrians, vehicles, storage of materials, equipment or machinery should be allowed within the CEZ unless specified in this method statement. The site manager must ensure that all personnel are aware of the restrictions that apply to the fenced-off area.
- 4.1.7 Once the fencing is erected, waterproof warning signs labelled 'Tree Protection Area' should be placed at 3m intervals to ensure that all personnel are aware of the restrictions that apply to the fenced-off area (see at Appendix 1 for example signs).
- 4.1.8 The tree protection fencing should be inspected for faults or damage by the site manager or other responsible named person on a regular basis and a written record kept. Any faults or defects should be repaired or replaced as soon as is reasonably practicable. The Tree Protection Fencing shall not be removed, breached or altered without prior written authorisation from the local planning authority and under arboricultural supervision by a suitable named responsible individual appointed by the site manager.

## **5. Works Close To Retained Trees**

### **5.1 Drainage and Utilities**

- 5.1.1 New drainage and underground utilities are to be positioned outside of the RPAs of retained trees, and above ground utilities will be routed away from areas where they are likely to interfere with the retained

trees' crowns.

- 5.1.2 NJUG 10: Guidelines for the Planning, Installation and Maintenance of Utility Services in Proximity to Trees should be considered when installing services.

## **5.2 Additional Precautions**

- 5.2.1 Allowance should be made for operations outside of the CEZ that could indirectly impact on trees. Including space for site huts, temporary toilet facilities (including their drainage) and other temporary structures; and space for storing (whether temporary or long-term) materials.
- 5.2.2 Care must be taken to prevent contamination with chemical spillages, including petrol, diesel and oils. Cement mixers and any other toxic materials should not be permitted within the RPA of the trees. Any materials whose accidental spillage would cause damage to a tree should be stored and handled well away from the outer edge of its RPA.
- 5.2.3 Fires on the site should be avoided if possible. Where they are unavoidable, and approved by the Local environmental health authority, they should not be lit in a position where heat could affect foliage or branches. The potential size of a fire and the wind direction should be considered when determining its location, and it should be attended always until safe enough to leave.

## **5.3 Post Construction Landscaping**

- 5.3.1 Many of the trees on site may be subject to some form of landscaping or seeding beneath their canopies after the development phase. At this stage the protective fencing will have been removed and the commercial unit may be occupied.
- 5.3.2 Landscaping works should be carried out in such a way as to avoid ground level changes or deep digging. Tractor mounted rotovation or other mechanised cultivation methods must not be used.
- 5.3.3 No heavy machinery should be brought into the vicinity of retained trees.

5.3.4 Herbicides should be appropriate for the purpose and should not be used in such a way as to damage any retained trees or vegetation.

## 6. Signature

I trust this report provides all the required information.

Signed



**Adam Winson**

*Chartered Arboriculturist, MSc, BSc (Hons), MICFor, AIEEM*

16<sup>th</sup> April 2026

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### Our Charity Partner: Kids Plant Trees

At AWA Tree Consultants, we are proud to partner with the local charity, Kids Plant Trees. This collaboration allows us to support a cause that reflects our commitment to trees and the environment while making a positive impact on local communities.

Kids Plant Trees is a grassroots charity dedicated to improving tree equity by planting trees in underserved areas with limited green spaces, often in communities facing higher levels of deprivation.

We are proud to support their mission to create greener, healthier environments for future generations.



## Appendix 1: Images and Figures

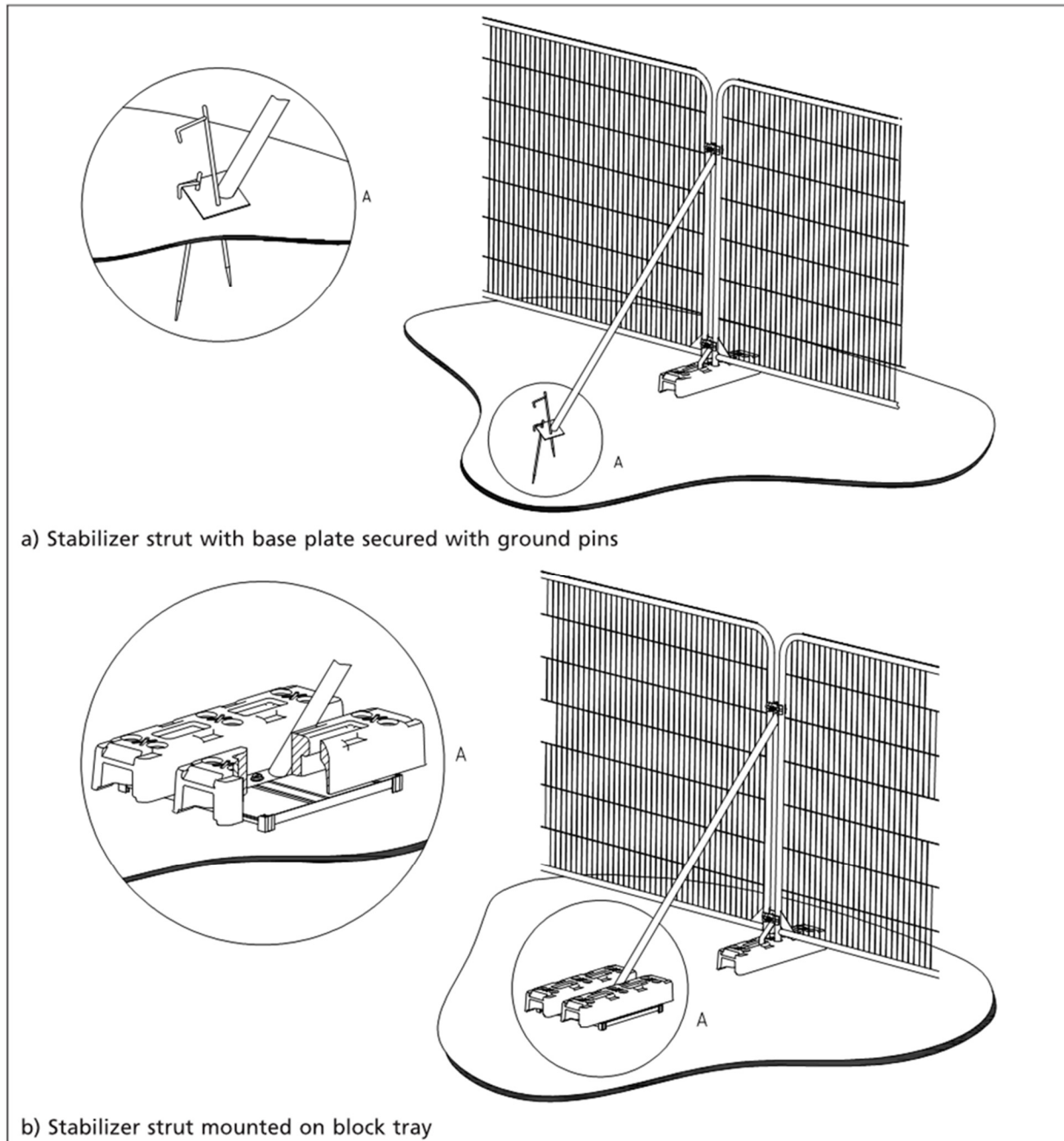


Figure 1: Secured 'Heras' type fencing with stabilizing system and fixed central pins (©BSI)



Figure 2: Secured 'Heras' type fencing with stabilizing system and anti-tamper couplers



Figure 3: Anti-tamper couplers to secure fencing and avoid unauthorised access



Figure 4: Warning sign for fencing



Figure 5: Example of A3 correx tree protection warning sign fixed to fencing panel

## Appendix 2: Relevant Contact Details

| Contact Name              | Organisation/ Details                    | Contact Number   | Contact E-mail                         |
|---------------------------|------------------------------------------|------------------|----------------------------------------|
| Sue Farmer                | FDA Landscape                            | 07378174<br>520  | sue@fdalandscape.co.uk                 |
| Adam Winson               | AWA Tree Consultants<br>Ltd              | 0114 272<br>1124 | adam@awatrees.com                      |
| Development<br>Management | Rochdale Metropolitan<br>Borough Council | -                | development.management@rochdale.gov.uk |

| Tree Species |             |              |                 | Measurements |       |                    |                  | Crown (m)    |     |     |     | Tree Condition |       |                   |                                                 |                     |                                                                       |            |                 | Value        |          | Management |                   |
|--------------|-------------|--------------|-----------------|--------------|-------|--------------------|------------------|--------------|-----|-----|-----|----------------|-------|-------------------|-------------------------------------------------|---------------------|-----------------------------------------------------------------------|------------|-----------------|--------------|----------|------------|-------------------|
| Tree ID      | Common Name | Latin Name   | Maturity        | Height (m)   | Stems | Stem Diameter (mm) | Estimated        | Crown height | N   | E   | S   | W              | Roots | Stem              | Crown                                           | Comments            | Physiological                                                         | Structural | Life Expectancy | Amenity      | Category | Works      |                   |
|              | T1          | Common Alder | Alnus glutinosa | Semi-mature  | 3     | 10+                | 60 avg.          | No           | 0   | 1.5 | 1.5 | 2              | 2     | No visual defects | Multiple stemmed at base, Old pruning wounds    | Normal              | Pavement 0.5m west.                                                   | Good       | Fair            | 20 to 40 yrs | Low      | C          | No works required |
|              | T2          | Common Alder | Alnus glutinosa | Semi-mature  | 4     | 2                  | 110, 60          | No           | 0   | 2.5 | 2   | 1.5            | 2     | No visual defects | Twin stemmed at base, Stubs, Old pruning wounds | Normal              | Some branches rubbing smaller stems. Pavement 0.5m west and 1m north. | Good       | Fair            | 20 to 40 yrs | Low      | C          | No works required |
|              | T3          | Common Alder | Alnus glutinosa | Semi-mature  | 5     | 4                  | 170, 100, 90, 70 | No           | 0.5 | 2.5 | 3.5 | 3.5            | 3.5   | No visual defects | Multiple stemmed at 0.5m, Old pruning wounds    | Normal              | Pavement 1m north. In contact with lamppost to east.                  | Good       | Fair            | 20 to 40 yrs | Low      | C          | No works required |
|              | T4          | Common Alder | Alnus glutinosa | Semi-mature  | 3     | 1                  | 80               | No           | 3   | 1.5 | 2   | 1              | 1.5   | No visual defects | Single stemmed, Vertical                        | Slightly unbalanced | Pavement 0.5m north. Weighted slightly northeast.                     | Good       | Good            | 20 to 40 yrs | Low      | C          | No works required |
|              | T5          | Common Alder | Alnus glutinosa | Semi-mature  | 5     | 1                  | 130              | No           | 0.5 | 2   | 2   | 2.5            | 2     | No visual defects | Single stemmed, Vertical                        | Normal              | Pavement 0.5m north.                                                  | Good       | Good            | 20 to 40 yrs | Low      | C          | No works required |

|         | Tree Species |                        |             | Measurements |       |                     | Crown (m) |              |     |     | Tree Condition |     |                   |                                                                                           |        |                                                       |               | Value      |                 | Management |          |                   |
|---------|--------------|------------------------|-------------|--------------|-------|---------------------|-----------|--------------|-----|-----|----------------|-----|-------------------|-------------------------------------------------------------------------------------------|--------|-------------------------------------------------------|---------------|------------|-----------------|------------|----------|-------------------|
| Tree ID | Common Name  | Latin Name             | Maturity    | Height (m)   | Stems | Stem Diameter (mm)  | Estimated | Crown height | N   | E   | S              | W   | Roots             | Stem                                                                                      | Crown  | Comments                                              | Physiological | Structural | Life Expectancy | Amenity    | Category | Works             |
| T6      | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 5            | 5     | 100, 90, 70, 50, 40 | No        | 0.5          | 2.5 | 2   | 2.5            | 1.5 | No visual defects | Multiple stemmed at base, Tight union, Partially included bark, Old pruning wounds, Stubs | Normal | Pavement 0.5m north.                                  | Good          | Fair       | 20 to 40 yrs    | Low        | C        | No works required |
| T7      | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 4            | 3     | 120, 100, 80        | No        | 0.5          | 1.5 | 1.5 | 2              | 2   | No visual defects | Multiple stemmed at base, Old pruning wounds, Stubs                                       | Normal | Pavement 0.5m north.                                  | Good          | Fair       | 20 to 40 yrs    | Low        | C        | No works required |
| T8      | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 5            | 2     | 140, 110            | No        | 0.5          | 2   | 2   | 1.5            | 2   | No visual defects | Twin stemmed at base, Old pruning wounds, Stubs, Tight union, Partially included bark     |        | Pavement 0.5m north.                                  | Good          | Fair       | 20 to 40 yrs    | Low        | C        | No works required |
| T9      | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 5            | 1     | 90                  | No        | 0.5          | 2   | 2.5 | 1.5            | 1.5 | No visual defects | Twin stemmed at 0.5m, Tight union, Partially included bark, Stubs                         | Normal | Pavement 0.5m north. Branch at 0.5m fusing with stem. | Good          | Fair       | 20 to 40 yrs    | Low        | C        | No works required |
| T10     | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 5            | 1     | 120                 | No        | 0.5          | 2   | 1.5 | 2              | 2   | No visual defects | Twin stemmed at base, Old pruning wounds, Stubs, Bark damage                              | Normal | Pavement 0.5m north.                                  |               | Fair       | 20 to 40 yrs    | Low        | C        | No works required |

|         | Tree Species |                        |             | Measurements |       |                     | Crown (m) |              |          |     |   | Tree Condition |                                                                                                                                     |                                                                                           |        |                                                                |               |            | Value           |         | Management |                   |
|---------|--------------|------------------------|-------------|--------------|-------|---------------------|-----------|--------------|----------|-----|---|----------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------|---------------|------------|-----------------|---------|------------|-------------------|
| Tree ID | Common Name  | Latin Name             | Maturity    | Height (m)   | Stems | Stem Diameter (mm)  | Estimated | Crown height | N        | E   | S | W              | Roots                                                                                                                               | Stem                                                                                      | Crown  | Comments                                                       | Physiological | Structural | Life Expectancy | Amenity | Category   | Works             |
| T11     | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 5            | 1     | 160                 | No        | 0.5          | 2        | 2.5 | 2 | 2.5            | No visual defects                                                                                                                   | Single stemmed, Vertical, Old pruning wounds, Stubs                                       | Normal | Pavement 0.5m north. Close to contact with streetlamp to east. | Good          | Good       | 20 to 40 yrs    | Low     | C          | No works required |
| T12     | Common Alder | <i>Alnus glutinosa</i> | Semi-mature | 4            | 5     | 100, 60, 60, 50, 30 | No        | 0.5          | 2        | 2.5 | 2 | 1.5            | No visual defects                                                                                                                   | Multiple stemmed at base, Tight union, Partially included bark, Old pruning wounds, Stubs | Normal | Pavement 0.5m north.                                           | Good          | Fair       | 20 to 40 yrs    | Low     | C          | No works required |
| G13     | Goat Willow  | <i>Salix caprea</i>    | Semi-mature | 5            | 10+   | 90 avg.             | No        | 0.5          | See plan |     |   |                | Group of semi mature self-set Willow. Tight unions throughout. Pavement 2m north of stems.                                          |                                                                                           |        |                                                                | Good          | Fair       | 20 to 40 yrs    | Low     | C          | No works required |
| G14     | Goat Willow  | <i>Salix caprea</i>    | Semi-mature | 5            | 10+   | 100 avg.            | No        | 0.5          | See plan |     |   |                | Group of semi mature self set Willow. Tight unions at throughout. Occasional burl growths.                                          |                                                                                           |        |                                                                | Good          | Fair       | 20 to 40 yrs    | Low     | C          | No works required |
| G15     | Silver Birch | <i>Betula pendula</i>  | Semi-mature | 7            | 10+   | 110 avg.            | No        | 0.5          | See plan |     |   |                | Linear boundary group of semi mature Silver Birch and Willow. Car park to immediate west. Debris around base. Some screening value. |                                                                                           |        |                                                                | Good          | Fair       | 20 to 40 yrs    | Low     | C          | No works required |

|         | Tree Species |                  |             | Measurements |       |                    | Crown (m) |              |          |     | Tree Condition |     |                                                                                                            |                                                                           |                |                                                                                                                                                  |               | Value      |                 | Management   |          |                   |                   |
|---------|--------------|------------------|-------------|--------------|-------|--------------------|-----------|--------------|----------|-----|----------------|-----|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------|--------------|----------|-------------------|-------------------|
| Tree ID | Common Name  | Latin Name       | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N        | E   | S              | W   | Roots                                                                                                      | Stem                                                                      | Crown          | Comments                                                                                                                                         | Physiological | Structural | Life Expectancy | Amenity      | Category | Works             |                   |
|         |              |                  |             |              |       |                    |           |              |          |     |                |     |                                                                                                            |                                                                           |                |                                                                                                                                                  |               |            |                 |              |          |                   |                   |
| G16     | Goat Willow  | Salix caprea     | Semi-mature | 5            | 10+   | 70 avg.            | No        | 0            | See plan |     |                |     | Area of young to semi mature Willow and Silver Birch. Road to south and pub to west. Some screening value. |                                                                           |                |                                                                                                                                                  | Good          | Fair       | 20 to 40 yrs    | Low          | C        | No works required |                   |
| T17     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 220                | No        | 2.5          | 3        | 3.5 | 2.5            | 3.5 | No visual defects                                                                                          | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                                                                   |               | Good       | Fair            | 20 to 40 yrs | Moderate | C                 | No works required |
| T18     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 220                | No        | 2.5          | 2.5      | 2.5 | 3              | 3.5 | No visual defects                                                                                          | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                                                                   |               | Good       | Fair            | 20 to 40 yrs | Moderate | C                 | No works required |
| T19     | Norway Maple | Acer platanoides | Semi-mature | 6            | 1     | 160                | No        | 2.5          | 1.5      | 2   | 1.5            | 2   | No visual defects                                                                                          | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maple along the roadside. Central leader dead with section of bark damage extending down to branch junction. |               | Fair       | Fair            | 20 to 40 yrs | Moderate | C                 | No works required |
| T20     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 210                | No        | 2.5          | 2        | 3.5 | 3              | 3   | No visual defects                                                                                          | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                                                                   |               | Good       | Fair            | 20 to 40 yrs | Moderate | C                 | No works required |

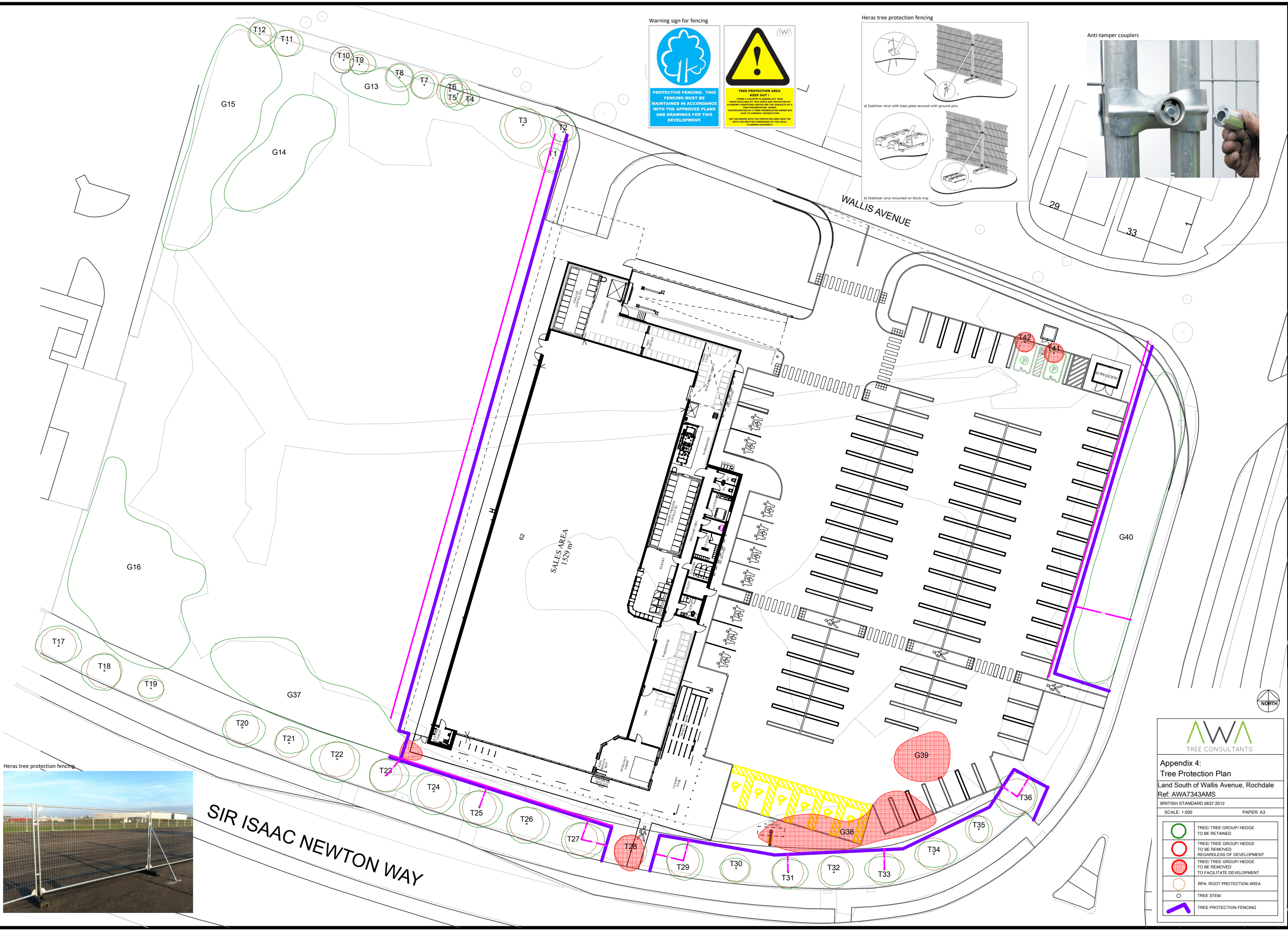
|         | Tree Species |                  |             | Measurements |       |                    | Crown (m) |              |     |     |     | Tree Condition |                   |                                                                                        |                                     |                                                                                                                 |               |            | Value           |          | Management |                   |
|---------|--------------|------------------|-------------|--------------|-------|--------------------|-----------|--------------|-----|-----|-----|----------------|-------------------|----------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------|----------|------------|-------------------|
| Tree ID | Common Name  | Latin Name       | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N   | E   | S   | W              | Roots             | Stem                                                                                   | Crown                               | Comments                                                                                                        | Physiological | Structural | Life Expectancy | Amenity  | Category   | Works             |
|         |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                                        |                                     |                                                                                                                 |               |            |                 |          |            |                   |
|         |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                                        |                                     |                                                                                                                 |               |            |                 |          |            |                   |
|         |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                                        |                                     |                                                                                                                 |               |            |                 |          |            |                   |
|         |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                                        |                                     |                                                                                                                 |               |            |                 |          |            |                   |
|         |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                                        |                                     |                                                                                                                 |               |            |                 |          |            |                   |
| T21     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 180                | No        | 2.5          | 2.5 | 3   | 1.5 | 2              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark, Bark damage | Minor deadwood, Minor dieback       | Pavement 2m south part of a line of Maples along the roadside. Bark damage and minor dieback in northern crown. | Fair          | Fair       | 20 to 40 yrs    | Moderate | C          | No works required |
| T22     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 220                | No        | 2.5          | 2.5 | 3.5 | 3.5 | 4              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark              | Minor deadwood, Slightly unbalanced | Pavement 2m south part of a line of Maples along the roadside. Weighted slightly south.                         | Good          | Fair       | 20 to 40 yrs    | Moderate | C          | No works required |
| T23     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2.5 | 3.5 | 2.5 | 2.5            | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark              | Minor deadwood                      | Pavement 2m south part of a line of Maples along the roadside.                                                  | Good          | Fair       | 20 to 40 yrs    | Moderate | C          | No works required |
| T24     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 210                | No        | 2.5          | 3   | 3.5 | 3.5 | 3.5            | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark              | Minor deadwood                      | Pavement 2m south part of a line of Maples along the roadside.                                                  | Good          | Fair       | 20 to 40 yrs    | Moderate | C          | No works required |
| T25     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 210                | No        | 2.5          | 2.5 | 3.5 | 3   | 3              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark              | Minor deadwood                      | Pavement 2m south part of a line of Maples along the roadside.                                                  | Good          | Fair       | 20 to 40 yrs    | Moderate | C          | No works required |

|         | Tree Species |                  |             | Measurements |       |                    | Crown (m) |              |     |     | Tree Condition |     |                   |                                                                           |                |                                                                                                             |               | Value      |                 | Management |          |                                                |
|---------|--------------|------------------|-------------|--------------|-------|--------------------|-----------|--------------|-----|-----|----------------|-----|-------------------|---------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------|------------|----------|------------------------------------------------|
| Tree ID | Common Name  | Latin Name       | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N   | E   | S              | W   |                   |                                                                           |                |                                                                                                             | Physiological | Structural | Life Expectancy | Amenity    | Category | Works                                          |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     | Roots             | Stem                                                                      | Crown          | Comments                                                                                                    |               |            |                 |            |          |                                                |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     |                   |                                                                           |                |                                                                                                             |               |            |                 |            |          |                                                |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     |                   |                                                                           |                |                                                                                                             |               |            |                 |            |          |                                                |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     |                   |                                                                           |                |                                                                                                             |               |            |                 |            |          |                                                |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     |                   |                                                                           |                |                                                                                                             |               |            |                 |            |          |                                                |
| T26     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 210                | No        | 2.5          | 2.5 | 3.5 | 3              | 3   | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside. Close to contact with lamppost to southeast. | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | No works required                              |
| T27     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2.5 | 3.5 | 3              | 3   | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maple along the roadside. Close to contact with sign to southeast.      | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | No works required                              |
| T28     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2.5 | 2   | 3              | 2.5 | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                              | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | Removal required to facilitate the development |
| T29     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2.5 | 3   | 3              | 2.5 | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                              | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | No works required                              |
| T30     | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 180                | No        | 2.5          | 1.5 | 2   | 2              | 2.5 | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside.                                              | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | No works required                              |

| Tree Species |              |                  |             | Measurements |       |                    |           | Crown (m)    |     |     |     | Tree Condition |                   |                                                                           |                |                                                                |               |            |                 | Value    |          | Management        |
|--------------|--------------|------------------|-------------|--------------|-------|--------------------|-----------|--------------|-----|-----|-----|----------------|-------------------|---------------------------------------------------------------------------|----------------|----------------------------------------------------------------|---------------|------------|-----------------|----------|----------|-------------------|
| Tree ID      | Common Name  | Latin Name       | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N   | E   | S   | W              | Roots             | Stem                                                                      | Crown          | Comments                                                       | Physiological | Structural | Life Expectancy | Amenity  | Category | Works             |
|              |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                           |                |                                                                |               |            |                 |          |          |                   |
|              |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                           |                |                                                                |               |            |                 |          |          |                   |
|              |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                           |                |                                                                |               |            |                 |          |          |                   |
|              |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                           |                |                                                                |               |            |                 |          |          |                   |
|              |              |                  |             |              |       |                    |           |              |     |     |     |                |                   |                                                                           |                |                                                                |               |            |                 |          |          |                   |
| T31          | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 190                | No        | 2.5          | 2   | 3   | 2.5 | 2.5            | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside. | Good          | Fair       | 20 to 40 yrs    | Moderate | C        | No works required |
| T32          | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2.5 | 3   | 2   | 2              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside. | Good          | Fair       | 20 to 40 yrs    | Moderate | C        | No works required |
| T33          | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2   | 3   | 2   | 3              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside. | Good          | Fair       | 20 to 40 yrs    | Moderate | C        | No works required |
| T34          | Norway Maple | Acer platanoides | Semi-mature | 8            | 1     | 200                | No        | 2.5          | 2   | 3.5 | 2   | 3              | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m south part of a line of Maples along the roadside. | Good          | Fair       | 20 to 40 yrs    | Moderate | C        | No works required |
| T35          | Norway Maple | Acer platanoides | Semi-mature | 7            | 1     | 170                | No        | 2            | 2   | 1.5 | 2   | 1.5            | No visual defects | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m east part of a line of Maples along the roadside.  | Good          | Fair       | 20 to 40 yrs    | Moderate | C        | No works required |

|         | Tree Species    |                           |             | Measurements |       |                    | Crown (m) |              |          |   | Tree Condition |     |                                                                                                                                                                                        |                                                                           |                |                                                               |               | Value      |                 | Management |          |                                                        |
|---------|-----------------|---------------------------|-------------|--------------|-------|--------------------|-----------|--------------|----------|---|----------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|---------------------------------------------------------------|---------------|------------|-----------------|------------|----------|--------------------------------------------------------|
| Tree ID | Common Name     | Latin Name                | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N        | E | S              | W   | Roots                                                                                                                                                                                  | Stem                                                                      | Crown          | Comments                                                      | Physiological | Structural | Life Expectancy | Amenity    | Category | Works                                                  |
| T36     | Norway Maple    | <i>Acer platanoides</i>   | Semi-mature | 8            | 1     | 220                | No        | 2.5          | 3.5      | 3 | 3              | 3.5 | No visual defects                                                                                                                                                                      | Single stemmed, Vertical, Multiple stemmed at 2m, Partially included bark | Minor deadwood | Pavement 2m east part of a line of Maples along the roadside. | Good          | Fair       | 20 to 40 yrs    | Moderate   | C        | No works required                                      |
| G37     | Goat Willow     | <i>Salix caprea</i>       | Semi-mature | 5            | 10+   | 80 avg.            | No        | 0            | See plan |   |                |     | Linear group of Willow and Hawthorn running in and along a shallow ditch.                                                                                                              |                                                                           |                |                                                               | Good          | Fair       | 20 to 40 yrs    | Low        | C        | Partial removal required to facilitate the development |
| G38     | Goat Willow     | <i>Salix caprea</i>       | Semi-mature | 4            | 10+   | 70 avg.            | No        | 0            | See plan |   |                |     | Linear group of young to semi mature Goat Willow, occasional snapped hanging branch.                                                                                                   |                                                                           |                |                                                               | Good          | Fair       | 20 to 40 yrs    | Low        | C        | Removal required to facilitate the development         |
| G39     | Goat Willow     | <i>Salix caprea</i>       | Semi-mature | 4            | 10+   | 70 avg.            | No        | 0            | See plan |   |                |     | Area of young to semi mature Goat Willow, occasional area of bark damage.                                                                                                              |                                                                           |                |                                                               | Good          | Fair       | 20 to 40 yrs    | Low        | C        | Removal required to facilitate the development         |
| G40     | Common Hawthorn | <i>Crataegus monogyna</i> | Semi-mature | 3            | 10+   | 70 avg.            | No        | 0            | See plan |   |                |     | Linear hedgerow of Hawthorn with occasional Silver Birch and Privet, Dogrose in understory. Several stems still with tree guards. On bank with pavement to east. Some screening value. |                                                                           |                |                                                               | Good          | Fair       | 20 to 40 yrs    | Low        | C        | No works required                                      |

|         | Tree Species |                  |             | Measurements |       |                    | Crown (m) |              |     |     | Tree Condition |     |                   |                                       |        |                                            |               | Value      |                 | Management |          |                                                |
|---------|--------------|------------------|-------------|--------------|-------|--------------------|-----------|--------------|-----|-----|----------------|-----|-------------------|---------------------------------------|--------|--------------------------------------------|---------------|------------|-----------------|------------|----------|------------------------------------------------|
| Tree ID | Common Name  | Latin Name       | Maturity    | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N   | E   | S              | W   | Roots             | Stem                                  | Crown  | Comments                                   | Physiological | Structural | Life Expectancy | Amenity    | Category | Works                                          |
|         |              |                  |             |              |       |                    |           |              |     |     |                |     |                   |                                       |        |                                            |               |            |                 |            |          |                                                |
| T41     | Hornbeam     | Carpinus betulus | Semi-mature | 5            | 1     | 110                | No        | 1            | 1.5 | 1.5 | 1.5            | 1.5 | No visual defects | Single stemmed, Vertical, Tight union | Normal | Still staked in place. Tight upright form. | Good          | Good       | 20 to 40 yrs    | Low        | C        | Removal required to facilitate the development |
| T42     | Hornbeam     | Carpinus betulus | Semi-mature | 5            | 1     | 120                | No        | 1            | 1.5 | 1.5 | 1.5            | 1.5 | No visual defects | Single stemmed, Vertical, Tight union | Normal | Still staked in place. Tight upright form. | Good          | Good       | 20 to 40 yrs    | Low        | C        | Removal required to facilitate the development |



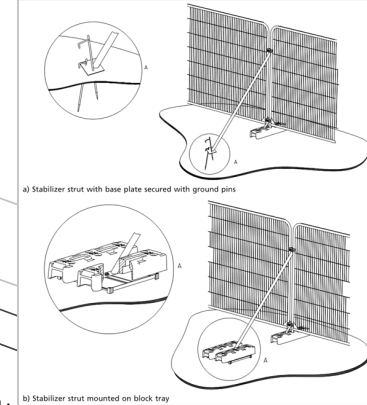
Warning sign for fencing



PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.

TREE PROTECTION AREA KEEP OUT!

Heras tree protection fencing



Anti-tamper couplers



Heras tree protection fencing



Appendix 4:  
Tree Protection Plan  
Land South of Wallis Avenue, Rochdale  
Ref: AWA7343AMS  
BRITISH STANDARD 5837:2012  
SCALE: 1:500 PAPER: A3

|  |                                                                 |
|--|-----------------------------------------------------------------|
|  | TREE/ TREE GROUP/ HEDGE TO BE RETAINED                          |
|  | TREE/ TREE GROUP/ HEDGE TO BE REMOVED REGARDLESS OF DEVELOPMENT |
|  | TREE/ TREE GROUP/ HEDGE TO BE REMOVED TO FACILITATE DEVELOPMENT |
|  | RPA: ROOT PROTECTION AREA                                       |
|  | TREE STEM                                                       |
|  | TREE PROTECTION FENCING                                         |