

**Former Leyland Test Track
Phase 1 (Detailed Planning Application)
& Structure Plan (Outline Planning Application)**

Property Capital PLC

**ARBORICULTURAL IMPACT ASSESSMENT
AND
METHOD STATEMENT
(Revision G)**



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1.0 Introduction

- 1.1 This document has been prepared by Trevor Bridge Associates on the behalf of Property Capital PLC. It provides an Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement (AMS) in regards to the following proposed development.
- Development of highway and drainage infrastructure for the full application site (Phase 1), and 197 new homes (Phase 2).
 - Outline proposals for the development of up to 753 new homes, up to 5,000 sqm of Business Park (Use Classes B1) up to 15,000 sqm (Use Class B2) and up to 3,000 sqm of accommodation for any combination of uses.
- 1.2 This document follows, and should be read in conjunction with, a pre-development tree survey that was undertaken by TBA Ltd in November 2016 (ref: MG/5035/TSR/WHOLE SITE/NOV16). Accompanying the tree survey report are 6x drawings; **Tree Survey and Root Protection Plans** ref. 5035.05 to 5035.10.
- 1.3 For the purposes of preparing this document the following material was referenced:
- Client Drawing: **Planning Layout. Drawing No. 471/P/PL/01. Rev Q. Date: 08.2017.**
 - Client Drawing: **Infrastructure Arrangement. Drawing No. 471/ED/16. Rev X. Date: 04.07.17.**
- 1.4 This report assesses the potential impacts to trees as a consequence of the development proposals, as well as specifying the necessary methodologies required during construction to ensure that trees being retained are afforded adequate protection from harm.
- 1.5 Accompanying this report are the following drawings which must be read in conjunction with this report:
- **TBA Drawing: Tree Protection Plans. Drawing Nos. 5035.12 to 5035.18 Rev G. Date started: October 2017.**

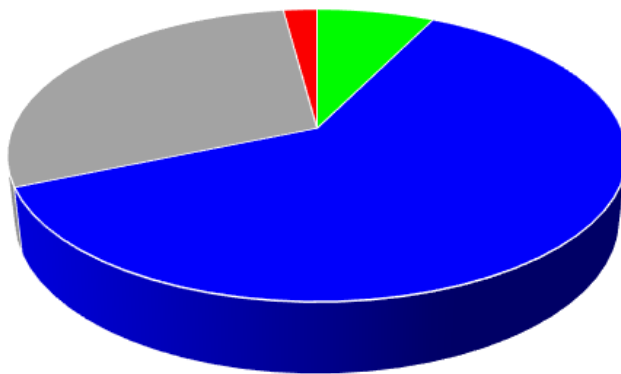
2.0 Arboricultural Impact Assessment

2.1 The consequences on existing trees situated within and adjacent the proposed development site are considered.

2.2 The value of the trees and vegetation surveyed

In the initial tree survey report a total of 287 items were surveyed within and adjacent the development site. These items comprised 186 individual trees, 99 groups (of various sizes) and 2 woodlands. The chart and table below shows the ratio of tree retention categories on the site and number of items (be it groups or individuals etc that were surveyed).

Ratio of retention categories of surveyed trees/vegetation



| Retention Category | No. |
|--------------------|-----|
| A (High Value) | 21 |
| B (Moderate value) | 176 |
| C (Low value) | 84 |
| U (Remove) | 6 |

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3.0 Arboricultural Impact Table - Key

3.1 The Arboricultural Impact Table (section 3.3) lists all items surveyed within the site. The tree data is taken from the initial tree survey report. The table is colour coded for ease of reference, particularly in relation to the value of trees and the potential impact that may occur to them:

Tree Values

| | |
|-------------------------|---|
| High | High value tree / group / hedge as included within the initial tree survey |
| B (Moderate) | Moderate value tree / group / hedge as included within the initial tree survey |
| C (Low) | Low value tree / group / hedge as included within the initial tree survey |
| U (Remove) | Tree / group / hedge in poor condition. Retention unsustainable within context of development |

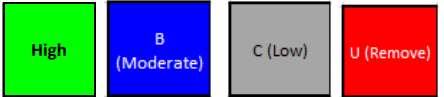
Impacts on Tree's / Groups

| | |
|----------------------------|--|
| Removal | Tree / Group / Hedge will require removal in order to facilitate the development proposals |
| Partial Removal | Group or hedge will require partial removal to facilitate the development proposals |
| High | The development proposals will have a high impact the on the tree /group / hedge |
| Moderate | The development proposals will have a moderate impact on the tree / group /hedge |
| Low | The development proposals will have a low impact on the tree / group / hedge |
| None | The development proposals will have no impacts on the tree / group / hedge |

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3.2 Arboricultural Impact Table - Cascade Chart:

3.2.1 Tree **Values** are taken from BS: 5837 and comprise of the following:



3.2.2 The **Impacts** comprise of 6 elements:



3.2.3 Causes of impacts comprise of 6 factors: **'None'**, **'To facilitate development'**, **'Due to poor condition'**, **'Direct disturbance to roots'**, **'Pruning required'** and **'Possible future pruning pressure due to shade and other factors'**.

3.2.4 Comments are also included providing more information where necessary.

| | REMOVAL | PARTIAL REMOVAL | HIGH | MODERATE | LOW |
|--|--|--|---|--|---|
| TO FACILITATE DEVELOPMENT | Tree / group requires removal. | Partial removal of group is required. i.e., 'a section of hedge may require removal to allow a new access road'. | N/A | N/A | N/A |
| DUE TO POOR CONDITION | Tree or group require removal due to poor structural and / or physiological condition. | Part of group require removal due to poor structural and / or physiological condition. | N/A | N/A | N/A |
| DIRECT DISTURBANCE TO ROOTS | N/A | N/A | In many case this will result in the loss of tree/s - refer to 'TO FACILITATE DEVELOPMENT' . In rare cases a Tree/s may be retained but damage will occur to the roots. | Disturbance will be caused to roots of a tree/s that are likely to result in some physiological and structural dysfunction. The extent of damage does not require trees to be felled. Remedial actions may be taken in some cases that would help mitigate against damage but site topography, tree age, condition and species condition may result in disturbance being considered MODERATE as opposed to LOW . | Activity will occur within the root protection area of trees which will have a low impact, or can be mitigated by special measures. |
| PRUNING REQUIRED | N/A | N/A | Pruning that may retain a tree but will have a potential impact on the tree condition and visual appearance | Pruning is required that is acceptable within recommendations within BS3008:2010, but would require a material alteration to the tree/group affected. | Pruning is required that will have little impact to the structural, physiological and visual amenity of a tree or group. |
| POSSIBLE FUTURE PRUNING PRESSURE DUE TO SHADE OR OTHER FACTORS | Removal of tree/s required as retention is unsustainable and/or undesirable within the context of development. i.e. fast growing tree in small garden. | Partial removal of tree/s required as retention is unsustainable and/or undesirable within the context of development. i.e. fast growing tree in small garden. | Tree/s likely to cause significant shading. i.e. small garden areas with dense mature trees to south. | Some level of shade or other inconvenience will occur. Not highly oppressive, but some residents may seek management of trees in long term. | Some level of shading / overhang will occur. |

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3.2.5 Considering both impacts within the hybrid application

3.2.6 As this report deals with a 'hybrid application', there will be a variance in the level of detail available throughout the site in regards to potential tree impact.

3.2.7 The Illustrative Master Plan provides indicative information, such as the location of further phases of residential development, as well as commercial, school, and local centre zones as well as open space.

3.2.8 The arboricultural impact table includes all trees within the site as determined within the tree survey. Those trees that are assessed within the detailed application (Phase 1) are shown within the table on a white background. For example:

| | | | | | | |
|----|-----|--------------|---------|---------------------------|-----|-----|
| 8T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
|----|-----|--------------|---------|---------------------------|-----|-----|

Trees that are impacted by the outline proposals are show with a pink background. For example:

| | | | | | | |
|-----|---------------------|--------------|-----------------|---------------------------|--|-----------------------------------|
| 61G | Mixed Species Group | B (Moderate) | Partial Removal | To facilitate development | Group situated to the north-east of the commercial parcel. | Tree protective fencing required. |
|-----|---------------------|--------------|-----------------|---------------------------|--|-----------------------------------|

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3.3 ARBORICULTURAL IMPACT TABLE – RESULTS

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------|-----------------|--------|--------------|---|-------|
| 1T | Ash | B (Moderate) | None | N/a | Within section of woodland situated adjacent existing highway | N/a |
| 2T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 3T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 4T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 5T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 6T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|--------------|---------|---------------------------|--|-------|
| 7T | Common Oak | C (Low) | Removal | To facilitate development | Alterations to footway adjacent the tree. | N/a |
| 8T | Ash | B (Moderate) | Removal | To facilitate development | Alterations to footway adjacent the tree. | N/a |
| 9T | Ash | B (Moderate) | Removal | To facilitate development | Alterations to footway adjacent the tree. | N/a |
| 10T | Ash | C (Low) | None | To facilitate development | Tree protective fencing required. | N/a |
| 11T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 12T | Ash | U (Poor) | None | N/a | This tree may be retained as it is situated within woodland area, despite its condition. | N/a |
| 13T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|--------|--------------|-----------------------------------|-------|
| 14T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 15T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 16T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 17T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 18T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 19T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 20T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|--------|--------------|-----------------------------------|-------|
| 21T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 22T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 23T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 24T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 25T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 26T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 27T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|--------------|-----------------|---------|---------------------------|-------------------------------|-------|
| 28T | Ash | B (Moderate) | Removal | To facilitate development | New footway. | N/a |
| 29T | Norway Maple | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 30T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent new footway. | N/a |
| 31T | Ash | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 32T | Ash | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 33T | Norway Maple | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 34T | Alder | B (Moderate) | Removal | To facilitate development | New highway. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|--------------|---------|---------------------------|-----------------------------------|-------|
| 35T | Ash | U (Poor) | Removal | Due to poor condition | New highway. | N/a |
| 36T | Willow | U (Poor) | Removal | Due to poor condition | New highway. | N/a |
| 37T | Common Oak | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 38T | Ash | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 39T | Common Oak | B (Moderate) | Removal | To facilitate development | New footway. | N/a |
| 40T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent new footway. | N/a |
| 41T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------------------------------|-----------------|---------|-----------------------------|--|-----------------------------------|
| 42T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 43T | Ash | B (Moderate) | Low | Direct disturbance to roots | Minor ingress within the outer root protection area of this tree required for new footway. | Tree protective fencing required. |
| 44T | Common Oak | B (Moderate) | Removal | To facilitate development | New cycleway. | N/a |
| 45G | Group in generally poor condition. | C (Low) | Removal | To facilitate development | New highway. | N/a |
| 46T | Wild Cherry | B (Moderate) | Removal | To facilitate development | New Highway. | N/a |
| 47T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent new highway. | N/a |
| 48T | Ash | B (Moderate) | Removal | To facilitate development | New footway. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------------|--------------|---------|-----------------------------|--|-----------------------------------|
| 49G | 2x Oak and 2x Wild Cherry | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 50T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent new footway. | N/a |
| 51T | Ash | B (Moderate) | Low | Direct disturbance to roots | Minor ingress within the root protection area. | Tree protective fencing required. |
| 52T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 53G | Mixed Species Group | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 54G | Mixed Species Group | b (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 55G | Mixed Species Group | A (High) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------------------|--------------|-----------------|---------------------------|--|---|
| 56T | Willow | U (Poor) | Removal | Due to poor condition | Adjacent new footway. | The stump of this tree to remain in situ. |
| 57T | 2x Ash and 1x Sycamore | C (Low) | Partial Removal | To facilitate development | New highway. | Tree protective fencing required. |
| 58T | Group of Hawthorn | C (Low) | Removal | To facilitate development | N/a | N/a |
| 59G | Woodland Area | B (Moderate) | Partial Removal | To facilitate development | For new bridleway and turning head. | Tree protective fencing required. |
| 60G | Hawthorn Group | B (Moderate) | Partial Removal | To facilitate development | For new bridleway. | Tree protective fencing required. |
| 61G | Mixed Species Group | B (Moderate) | Partial Removal | To facilitate development | Group situated to the north-east of the commercial parcel. | Tree protective fencing required. |
| 62G | Mixed Species Group | C (Low) | None | N/a | Outside development area. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|-----------------|-----------------------------|---|-----------------------------------|
| 63G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Group situated to the north-east of the commercial parcel. | Tree protective fencing required. |
| 64G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Within commercial parcel. | N/a |
| 65T | Ash | B (Moderate) | Removal | To facilitate development | Within commercial parcel. | N/a |
| 66T | Beech | A (High) | Low | Direct disturbance to roots | New footway will result in disturbance within the nominal root protection area of the tree. | Tree protective fencing required. |
| 67G | Mixed Species Group | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 68G | Mixed Species Group | B (Moderate) | Partial Removal | To facilitate development | Group situated to the east of the commercial parcel. | Tree protective fencing required. |
| 69G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Group situated to the east of the commercial parcel. | Tree protective fencing required. |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|-----------------|---------------------------|--|-----------------------------------|
| 70G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Group situated to the east of the commercial parcel. | Tree protective fencing required. |
| 71T | White Poplar | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 72T | White Poplar | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 73T | Horse Chestnut | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 74T | Ash | B (Moderate) | Removal | To facilitate development | Access route from Titan Way | N/a |
| 75G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Group situated to the south-east of the commercial parcel. | Tree protective fencing required. |
| 76T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent path from Titan Way | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|-----------------|-----------------|---------------------------|---|-----------------------------------|
| 77T | Ash | B (Moderate) | Removal | To facilitate development | Adjacent path from Titan Way | For construction of Bridle path. |
| 78T | Ash | A (High) | Removal | To facilitate development | New footway will result in disturbance within the nominal root protection area of the tree. | N/a |
| 79T | Sycamore | B (Moderate) | Removal | To facilitate development | New footway will result in disturbance within the nominal root protection area of the tree. | N/a |
| 80G | Mixed Species Group | B (Moderate) | Partial Removal | To facilitate development | New footway will result in disturbance within the nominal root protection area of the tree. | N/a |
| 81G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Access path from Titan Way. | Tree protective fencing required. |
| 82G | 2x Horse Chestnut | B (Moderate) | Partial Removal | To facilitate development | Tree protective fencing required. | N/a |
| 83T | Horse Chestnut | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|-----------------------|--------------|-----------------|-----------------------------|--|---|
| 84G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | New access road from Titan Way and sewer easement from Titan Way. | Tree protective fencing required. |
| 85T | Ash | B (Moderate) | Moderate | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |
| 86T | Oak | B (Moderate) | Removal | To facilitate development | New access road from Titan Way | N/a |
| 87T | Ash | B (Moderate) | Removal | To facilitate development | New access road from Titan Way | N/a |
| 88G | Mixed Species Group | B (Moderate) | Partial Removal | To facilitate development | Within open space. | Partial removal required for new highway and access path. |
| 89G | Row of Horse Chestnut | B (Moderate) | None | N/a | Off site. Within paradise park. | N/a |
| 90G | Mixed Species Group | B (Moderate) | None | N/a | Off site. Within paradise park. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|---------|---------------------------|--|-------|
| 91T | Sycamore | B (Moderate) | Removal | To facilitate development | For access road from Longmeanygate Road to the west. | N/a |
| 92T | Sycamore | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 93T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 94T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 95T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 96T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 97T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|--------------|-----------------|---------|-----------------------------|---|-----------------------------------|
| 98T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 99T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 100T | Common Oak | B (Moderate) | Low | Direct disturbance to roots | Minor ingress within the outer root protection area of this tree required for new highway access. | Tree protective fencing required. |
| 101T | Common Oak | B (Moderate) | Removal | To facilitate development | The stump of this tree is to remain in situ or be ground out using a self powered stump-grinder. | N/a |
| 102T | Silver Birch | B (Moderate) | Removal | To facilitate development | N/a | n/a |
| 103T | Common Oak | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 104T | White Poplar | b (Moderate) | Removal | To facilitate development | N/a | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|----------|-----------------|---------|---------------------------|-------------------------------|-------|
| 105T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 106T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 107T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 108T | Sycamore | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 109T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 110T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 111T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|--------------|-----------------|---------|---------------------------|-------------------------------|-------|
| 112T | Common Oak | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 113T | Common Oak | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 114T | Sycamore | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 115T | Common Oak | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 116T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 117T | Ash | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 118T | Norway Maple | B (Moderate) | Removal | To facilitate development | N/a | N/a |
| 119T | Lime | B (Moderate) | Removal | To facilitate development | N/a | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|--------------|--------------|-----------------|-----------------------------|--|-----------------------------------|
| 120T | Lime | A (High) | Moderate | Direct disturbance to roots | Ingress within the outer root protection area for construction of access road. | Tree protective fencing required. |
| 121T | Lime | A (High) | Low | Direct disturbance to roots | Ingress within the outer root protection area for construction of access road. | Tree protective fencing required. |
| 122T | Norway Maple | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 123T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 124T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 125T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 126G | Group of Oak | B (Moderate) | Partial Removal | To facilitate development | To facilitate new bridle path. | N/a |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|----------|-----------------------------|--|-----------------------------------|
| 127T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 128T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 129T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 130T | Ash | B (Moderate) | Low | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |
| 131T | Ash | B (Moderate) | Moderate | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |
| 132T | Ash | B (Moderate) | Moderate | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |
| 133T | Common Oak | B (Moderate) | Low | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |

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| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|---------|-----------------------------|--|-----------------------------------|
| 134T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 135T | Ash | B (Moderate) | Low | Direct disturbance to roots | Ingress within the outer root protection area for construction of new access road. | Tree protective fencing required. |
| 136T | Common Oak | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 137T | Common Oak | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 138T | Sycamore | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 139T | Common Oak | B (Moderate) | Removal | To facilitate development | New highway | N/a |
| 140T | Common Oak | B (Moderate) | Removal | To facilitate development | New Highway. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|-----------------|-----------------|---------------------------|-------------------------------------|-----------------------------------|
| 141T | Ash | B (Moderate) | Removal | To facilitate development | Removal due to proximity of Plot 1. | N/a |
| 142T | Ash | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 143T | Ash | B (Moderate) | Removal | To facilitate development | New highway. | N/a |
| 144T | Ash | B (Moderate) | Removal | To facilitate development | Residential development. | N/a |
| 145G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Residential development. | N/a |
| 146G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Residential development/highway. | Tree protective fencing required. |
| 147G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Residential development. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|-----------------|-----------------|---------------------------|-----------------------------------|--|
| 148G | Row of Ash | B (Moderate) | None | N/a | By boundary of site. | N/a |
| 149G | Mixed Species Group | C (Low) | None | N/a | By boundary of site. | Tree protective fencing required. |
| 150G | Woodland Area | C (Low) | Partial Removal | To facilitate development | Tree protective fencing required. | Woodland area in vicinity of 91T to 140T. |
| 151G | Mixed Species Group | C (Low) | Removal | To facilitate development | Open space/residential parcel. | Loss of group to enable ground works to pond area. |
| 152G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Residential development will require loss of this group. |
| 153G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that large low value group will require removal to facilitate development. |
| 154G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------------------------|---------|---------|---------------------------|-------------------------------|--|
| 155G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development. |
| 156G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development. |
| 157G | Mixed Species Group | C (Low) | None | N/a | Off-site group. | N/a |
| 158T | Goat Willow | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value tree will require removal to facilitate development. |
| 159G | Goat Willow and Crack Willow | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that low value group will require removal to facilitate development. |
| 160G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development. |
| 161G | Alder | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that low value group will require removal to facilitate development. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------|--------------|---------|---------------------------|---------------------------------------|---|
| 162G | Alder | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development |
| 163G | Elm and Alder | U (Poor) | Removal | Due to poor condition | Within open space/residential parcel. | Group requires removal for road access and swale. |
| 164T | Common Oak | A (High) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 165T | Ash | A (High) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 166T | Goat Willow | C (Low) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 167T | Ash | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 168T | Common Oak | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|---|---|
| 169T | Alder | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 170T | Alder | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 171T | Alder | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 172T | Ash | A (High) | Removal | To facilitate development | Within residential parcel. | Likelihood that tree will be removed within residential scheme. |
| 173G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential area. | Presumption that large low value group will require removal to facilitate development |
| 174G | Mixed Species Group | C (Low) | Removal | To facilitate development | To facilitate access path/also within residential parcel. | Presumption that large low value group will require removal to facilitate development |
| 175G | N/A | | | | Number not allocated | |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|-------------------------------|--|
| 176G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development |
| 177G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within commercial parcel. | Presumption that large low value group will require removal to facilitate development |
| 178G | Mixed Species Group | C (Low) | Removal | To facilitate development | To facilitate access road. | Presumption that low value group will require removal to facilitate development |
| 179G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that low value group will require removal to facilitate development |
| 180G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Within open space area. | Group would require removal for ground works and drainage construction within existing pond. |
| 181G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within open space area. | Group would require removal for ground works and drainage construction within existing pond. |
| 182G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that low value group will require removal to facilitate development |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|---|---|
| 183G | Mixed Species Group | C (Low) | Removal | To facilitate development | To facilitate new highways and within residential area. | Presumption that large low value group will require removal to facilitate development |
| 184G | Mixed Species Group | C (Low) | Removal | To facilitate development | To facilitate pond attenuation ground works. | N/a |
| 185G | Crack Willows | C (Low) | Removal | To facilitate development | New highway access. | N/a |
| 186T | Alder | B (Moderate) | Removal | To facilitate development | Residential development area. | N/a |
| 187G | Mixed Species Group | C (Low) | Removal | To facilitate development | Residential development/highway. | N/a |
| 188G | Mixed Species Group | C (Low) | Removal | To facilitate development | Highway and swales. | N/a |
| 189G | White Poplars | B (Moderate) | Removal | To facilitate development | Highway. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|-------------------------------|---|
| 190G | Mixed Species Group | C (Low) | Removal | To facilitate development | Swales. | Also refer to outline planning report |
| 191T | Common Oak | A (High) | Removal | To facilitate development | Tree situated adjacent swale | Presumed loss of tree. |
| 192T | Common Oak | A (High) | Removal | To facilitate development | Removal for sewer placement | N/a |
| 193G | Mixed Species Group | C (Low) | Removal | To facilitate development | Removal for pond works. | N/a |
| 194G | Alders | C (Low) | Removal | To facilitate development | Removal for pond works. | N/a |
| 195G | Common Oaks | B (Moderate) | Removal | To facilitate development | Path passes through group. | N/a |
| 196G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that large low value group will require removal to facilitate development |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------------------|--------------|---------|-----------------------------|---|---|
| 197G | Crack and Goat Willows | C (Low) | Removal | To facilitate development | Residential development. | Presumption that large low value group will require removal to facilitate development |
| 198G | Mixed Species Group | C (Low) | Removal | To facilitate development | Swales and highway. | N/a |
| 199T | Common Oak | A (High) | Low | Direct disturbance to roots | Minor disturbance to a section of the outer root protection area of the tree due to surrounding path. | Tree protective fencing required. |
| 200T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 201G | Group of young Ash | C (Low) | Removal | To facilitate development | Access paths. | N/a |
| 202T | Common Oak | A (High) | Removal | To facilitate development | Tree protective fencing required. | N/a |
| 203T | Ash | B (Moderate) | Low | Direct disturbance to roots | Minor disturbance to a section of the outer root protection area of the tree due to adjacent path. | Tree protective fencing required. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|--------|-----------------------------|--|-----------------------------------|
| 204T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 205T | Common Oak | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 206T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 207T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 208T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 209T | Ash | B (Moderate) | Low | Direct disturbance to roots | Minor disturbance to a section of the outer root protection area of the tree due to adjacent path. | Tree protective fencing required. |
| 210T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|-----------------|--------|--------------|-----------------------------------|-------|
| 211T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 212T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 213T | Ash | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 214T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 215T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 216T | Ash | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 217T | Common Oak | C (Low) | None | N/a | Tree protective fencing required. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|--------------------|--------------|---------|---------------------------|--|-------|
| 218T | Ash | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 219T | Ash | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |
| 220T | Ash | B (Moderate) | Removal | To facilitate development | Access path adjacent tree. | N/a |
| 221G | Row of Oak and Ash | B (Moderate) | Removal | To facilitate development | Access paths and residential development | N/a |
| 222T | Ash | C (Low) | None | N/a | Tree protective fencing required. | N/a |
| 223T | Common Oak | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 224T | Common Oak | B (Moderate) | None | N/a | Tree protective fencing required. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|-----------------|---------------------------|-----------------------------------|---|
| 225T | Common Oak | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 226G | Group of Ash | B (Moderate) | Removal | To facilitate development | Swale construction. | N/a |
| 227G | Damson Thicket | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that low value group will require removal to facilitate development |
| 228G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | New paths. | Tree protective fencing required |
| 229G | Group of Ash | C (Low) | Removal | To facilitate development | Swale construction. | N/a |
| 230T | Ash | B (Moderate) | Removal | To facilitate development | Swale construction. | N/a |
| 231T | Common Oak | C (Low) | Removal | To facilitate development | Swale construction. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|-----------------|---------------------------|-----------------------------------|---|
| 232T | Ash | B (Moderate) | Removal | To facilitate development | Swale construction. | N/a |
| 233G | Mixed Species Group | C (Low) | Removal | To facilitate development | Swale construction. | N/a |
| 234G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Within residential parcel. | Presumption that group will require removal to facilitate development |
| 235G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential parcel. | Presumption that group will require removal to facilitate development |
| 236T | Ash | A (High) | None | N/a | Tree protective fencing required. | N/a |
| 237G | Mixed Species Group | C (Low) | Partial Removal | To facilitate development | Tree protective fencing required. | N/a |
| 238T | Common Oak | A (High) | None | N/a | Within Open space | Tree protective fencing required. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|------------|--------------|--------|-----------------------------|---|-----------------------------------|
| 239T | Common Oak | B (Moderate) | Low | Direct disturbance to roots | Minor ingress within root protection area of proposed path. | Tree protective fencing required. |
| 240T | Ash | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 241T | Common Oak | A (High) | None | N/a | Within Open space | Tree protective fencing required. |
| 242T | Ash | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 243T | Ash | C (Low) | None | N/a | Within Open space | Tree protective fencing required. |
| 244T | Common Oak | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 245T | Sycamore | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|-------------------------------|---|
| 246G | Mixed Species Group | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 247G | Mixed Species Group | C (Low) | None | N/a | Within Open space | Tree protective fencing required. |
| 248G | Mixed Species Group | C (Low) | None | N/a | Within Open space | Tree protective fencing required. |
| 249G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within residential area | Presumption that group will require removal to facilitate development |
| 250G | Mixed Species Group | C (Low) | None | N/a | Outside development area | N/a |
| 251G | Mixed Species Group | C (Low) | None | N/a | Outside development area. | N/a |
| 252G | Mixed Species Group | C (Low) | Removal | To facilitate development | Residential development. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|-----------------------|--------------|-----------------|---------------------------|-----------------------------------|-----------------------------------|
| 253T | White Poplar | C (Low) | Removal | To facilitate development | Residential development. | N/a |
| 254T | Crack Willow | C (Low) | Removal | To facilitate development | Adjacent bridle way. | N/a |
| 255G | Mixed Species Group | B (Moderate) | None | To facilitate development | Tree protective fencing required. | N/a |
| 256G | Group of Willow | C (Low) | None | To facilitate development | Tree protective fencing required. | N/a |
| 257W | Woodland Area | B (Moderate) | Partial Removal | To facilitate development | Access path. | Tree protective fencing required. |
| 258G | Group of Crack Poplar | C (Low) | Removal | To facilitate development | Residential development. | N/a |
| 259T | Scots Pine | B (Moderate) | Removal | To facilitate development | Swale. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|-----------------------------|--|--|
| 260T | Goat Willow | C (Low) | Low | Direct disturbance to roots | In open space. | Ingress within root protection are due to swale. |
| 261T | Common Oak | A (High) | None | N/a | Within Open space | Tree protective fencing required. |
| 262T | Scots Pine | C (Low) | Low | Direct disturbance to roots | In open space. | Ingress within root protection are due to swale. |
| 263T | Silver Birch | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 264T | Silver Birch | B (Moderate) | None | N/a | Within Open space | Tree protective fencing required. |
| 265G | Mixed Species Group | C (Low) | Removal | To facilitate development | Highway/bridle-path and residential development. | N/a |
| 266G | Mixed Species Group | C (Low) | Removal | To facilitate development | Swale/path. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|-------------------------------------|--------------|---------|---------------------------|-------------------------------------|--|
| 267G | Mixed Species Group | B (Moderate) | None | N/a | Within Open space. | Tree protective fencing required. |
| 268G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Sewer/residential area. | N/a |
| 269T | Ash | B (Moderate) | Removal | To facilitate development | Within open space/residential area. | Removal due to need to regrade ground levels for adjacent residential development. |
| 270G | Silver Birch, Hazel and Scots Pine. | B (Moderate) | Removal | To facilitate development | Within open space/residential area. | Removal due to need to regrade ground levels for adjacent residential development. |
| 271T | Ash | B (Moderate) | Removal | To facilitate development | Within open space/residential area. | Removal due to need to regrade ground levels for adjacent residential development. |
| 272T | Ash | B (Moderate) | Removal | To facilitate development | Residential development. | N/a |
| 273G | Mixed Species Group | C (Low) | Removal | To facilitate development | Residential development. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|-----------------|-----------------------------|---|--|
| 274G | Group of Sycamore | C (Low) | Removal | To facilitate development | Residential development. | N/a |
| 275G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within open space/residential parcel. | Removal due to need to regrade ground levels for adjacent residential development. |
| 276T | Common Oak | B (Moderate) | Low | Direct disturbance to roots | Proposed bridleway may pass within the root protection area of the path. Possible impacts may be mitigated using non-dig path construction. | Tree protective fencing required. |
| 277G | 3x Ash | B (Moderate) | Partial Removal | To facilitate development | Possible loss of tree to facilitate bridleway. | Tree protective fencing required. |
| 278G | Mixed Species Group | C (Low) | Removal | To facilitate development | Residential area. | N/a |
| 279G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Residential area. | N/a |
| 280G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Sewer placement. | N/a |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|--------------|---------|---------------------------|------------------------------------|---|
| 281G | Mixed Species Group | C (Low) | Removal | To facilitate development | Open space and residential parcel. | Presumption that group will require removal to facilitate development. |
| 282T | Common Oak | B (Moderate) | Removal | To facilitate development | Within local centre. | Presumption that tree will require removal to facilitate development. |
| 283W | Woodland Area | B (Moderate) | None | N/a | Outside development area | Tree protective fencing required. |
| 284T | Common Oak | B (Moderate) | Removal | To facilitate development | Within open space area | Tree would require removal for ground works and drainage construction within existing pond. |
| 285T | Alder | B (Moderate) | Removal | To facilitate development | Within open space area | Tree would require removal for ground works and drainage construction within existing pond. |
| 286T | Ash | C (Low) | Removal | To facilitate development | Within open space area | Tree would require removal for ground works and drainage construction within existing pond. |

Former Leyland Test Track (Revision G)

| Ref No. | Species | Value | Impact | Impact Cause | Management Options / Comments | Other |
|---------|---------------------|-----------------|---------|---------------------------|-------------------------------|--|
| 287G | Mixed Species Group | B (Moderate) | Removal | To facilitate development | Within open space area | Group would require removal for ground works and drainage construction within existing pond. |
| 288G | Mixed Species Group | C (Low) | Removal | To facilitate development | Within open space area | Group would require removal for ground works and drainage construction within existing pond. |

4.0 General Issues

4.1 Installation of underground services

At the time of considering the layout design, limited was available relating to the proposed location of underground services. By default no services shall be placed within the construction exclusion zones of trees. While it is possible in some cases that underground services may be placed within Root Protection Areas, this shall be undertaken under arboricultural supervision (at least initially) and may require a written methodology to be approved by the local planning authority. Where specialist installation methods are necessary (such as pipe jacking) supplementary method statements must be provided. The proposed location of underground infrastructure must be made available to the local planning authority prior to installation.

4.2 Storage of materials, contractor parking and site logistics

Logistically the site has adequate space for the placement of site huts and material storage. By default all compounds and storage areas are to be outside root protection areas.

4.3 Level changes on site

No excavation or raising of ground levels are to occur within the construction exclusion zones within the site demarked by tree protection barrier fencing. Within the Tree Protection Plans. Use of retaining structures may be required if a ground level differential is required between the developed section of the site the tree protection areas. Such retaining structures may, for example, comprise Gabions, or treated wooden posts.

5.0 Arboricultural Method Statement

- 5.1 The Arboricultural Method Statement (AMS) specifies all measures to be undertaken to ensure the ongoing health and viability of trees to be retained within the proposed development.
- 5.2 This AMS is in compliance with British Standard 5837: 2012. **Accompanying this document are six plans that shows the position of protective fencing and any additional special measures that are required for the detailed development proposals. These plans are referred to as the Tree Protection Plans.**
- 5.3 The AMS must be considered a 'working document'. It must be made available to the developer, site manager, and LPA. A copy of this document and the Tree Protection Plan must be kept on the development site at all times. All site operatives must be briefed on the main contents of this document.
- 5.4 It is the Site/Project Manager's responsibility to ensure that the detail of this AMS and the TPP and any agreed amendments are known and understood by all site personnel. A copy of this AMS and the TPP will be available for reference on site by the Project and Site Managers, and will form the basis of the management of all works relating to the trees on the site following commencement of the project. The Site Manager shall induct all personnel who could have an impact on trees on the content of this document.

5.5 Tree Works –General Issues

- 5.5.1 All tree works (tree felling and pruning) are to take place prior to any site operations and immediately before the installation of protective fencing.
- 5.5.2 All works to the existing trees are to be carried out by a fully qualified tree surgeon and in accordance with BS 3998 (2010) *Recommendations for Tree Work*.
- 5.5.3 The necessary tree surgery works should be carried out **before** any construction work starts and immediately before erection of protective fencing. Any works will include any trees that require removal in order to facilitate construction and access. No tree works must be carried out unless permission is provided by the local planning authority. Tree works to any protected trees (trees within a Conservation Area or subject to a Tree Preservation Order) that do not require works to directly enable the development to proceed will require a notification/application to be made to the Local Planning Authority. Any tree works required in order to directly facilitate the development to proceed (such as tree felling) must not proceed unless full planning consent and written consent is given by the local planning authority.
- 5.5.4 Wildlife issues and timing of operations. The following must be observed:
- Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat'. For further details consultation must be made with the Statutory Nature Conservancy Organisation (Natural England, 0300 060 1842 www.naturalengland.org.uk). Where relevant any current ecological surveys for the site will take precedence in this matter.
- 5.5.5 Birds. It is an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds should be avoided from late March to August.

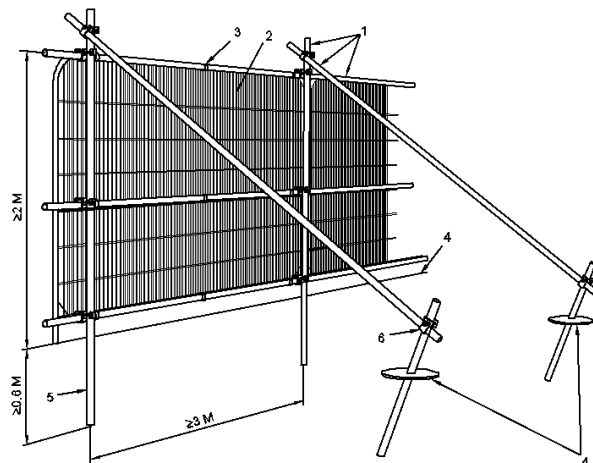
5.6 Tree Protective Barrier Fencing

- 5.6.1 Protective barriers must be erected prior to any site operations. The protective barriers are essential to prevent root severance or compaction of the soil in the Root Protection Areas, and so give the best chance of continued good health of the retained trees.
- 5.6.2 Tree protective barriers are to comprise a vertical and horizontal scaffold framework which is braced to withstand impacts, and not easily moved or relocated by site operatives (to prevent opportunistic moving of the barrier fences).
- 5.6.3 The vertical tubes should be spaced at intervals of no more than 3.5m and driven securely into the ground. Onto this framework welded mesh panels should be securely fixed (such as Heras). The fencing is to be placed accurately as shown within the Tree Protection Plans. A scale copy of the tree protection plan shall be referenced and scale measurements taken to indicate the necessary fencing positions.
- 5.6.4 The accurate placement of fencing, as per the Tree Protection Plans is key in ensuring tree protection; demolition/removal of existing structures will take place as well as construction of new structures such as roads and paths) close to, or partially within tree protection areas. The position of the protective fencing is designed to allow its retention throughout the development process without requiring removal.
- 5.6.5 It is recommended that the accurate placement of fencing is achieved by taking coordinates of fencing positions and pegging the locations of posts.

BS 5837 (2012) Tree Protection Fencing

NOTES

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|--|---|--|
| 1. STANDARD SCAFFOLD POLES. | 3. PANELS SECURED TO UPRIGHTS AND CROSS-MEMBERS WITH WIRE TIES. | 5. UPRIGHTS DRIVEN INTO THE GROUND UNTIL SECURE (MINIMUM DEPTH 0.6 M). |
| 2. HEAVY GAUGE 2 M TALL GALVANIZED TUBE AND WELDED MESH INFILL PANELS. | 4. GROUND LEVEL. | 6. STANDARD SCAFFOLD CLAMPS. |



Care must be taken when locating vertical poles to avoid underground services and, in the case of bracing poles, also to avoid contact with structural roots. If the presence of underground services prevents the use of driven poles, an alternative specification should be prepared; such alternatives could include the attachment of the panels to a free standing scaffold support framework.

Where fencing is required adjacent the site boundaries it is acceptable to use Hoarding to double as protective fencing but only where the exact location of the protective fencing is adhered to (as per the Tree Protection Plan) and where it is hand installed only.

5.7 General Requirements

- 5.7.1 Developers must enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer. Any damage that may occur to trees due to failure to observe the method statement must be reported to the Local Planning Authority and arboricultural advice must be sought.
- 5.7.2 No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority or unless in compliance with specifications included within the Method Statement.
- 5.7.3 **The ground levels within the protected areas, be they fenced or special working areas, must neither be raised nor excavated unless specifically in compliance with requirements within this method statement.**
- 5.7.4 No ropes, cables, services, or notice boards shall be fixed to existing trees.
- 5.7.5 Fires should not be permitted, or else not lit where flames could extend to within 10m of the foliage, branches or trunk of any trees (it should be noted that local environmental health authorities may have specific restrictions on fires),
- 5.7.6 Should temporary access within the Root Protection Area be required that is not included within the method statement, an agreement, in advance, with the consultant and the LPA must be made. The fence may need to be re-aligned and the ground surface protected. For vehicular access this protection will need to be specifically detailed and agreed.
- 5.7.7 Care must be taken in regards to tall or wide loads, or use of plant with booms, jibs and counterweights. Where machinery may be required to operate in the vicinity of trees a banksman must ensure that no direct physical damage is caused to trees. It must be checked that any materials or vehicles entering the site are able to do so without causing damage to adjacent trees.
- 5.7.8 Any material that will contaminate soil (e.g. concrete mixings, and vehicle washings) must not be discharged within 10m of any Root Protection Area. In addition it is essential that allowance be made for the slope of the ground so that damaging materials cannot run towards trees, or Root Protection Areas. If diesel and fuel containers are used or stored on site they must be kept within a plastic container bund to prevent any ground contamination and spill kits must be kept available to remediate any spillage.
- 5.7.9 Where trenching may be required for the placing of underground services all works must adhere to **Volume 4: NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (NJUG4)**. National Joint Utilities Group, 2007. This document is freely available online (www.njug.org.uk/publications/).

5.8 Arboricultural monitoring

- (i) The arboricultural consultant (or local authority Tree Officer) shall be consulted whenever an unexpected issue occurs that involves any retained tree on site including access within the Protection Area.



Mike Gregory (Arboricultural Consultant) 07515827944.



- (ii) No amendments shall be made to the methods detailed in this Arboricultural Method Statement without the agreement of the consultant or local planning authority Tree Officer.
- (ii) If the site agent is at all unclear about exact compliance with any of the above requirements, or if requested by any other party, then a pre-start meeting shall be arranged with the architect, site agent, local authority tree officer and arboricultural consultant in attendance as necessary.




5.9 Health and Safety Issues

All operations must be carried out with full regard to Health and Safety requirements. Due to the diverse nature of recommendations included (e.g. tree surgery works, construction etc) it is necessary that supervisors of those undertaking recommended operations undertake risk assessments prior to starting the relevant works. It should be the Site Managers/developers responsibility to ensure that risk assessments are submitted prior to undertaking relevant works.

6.0 Method Statement Schedule

| Phase | Requirements | Method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|--|--|----|------------|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----------|-----|--------------|-----|--|-----|-----|-----|---------------------------------------|-----|-----|-----|-------------------------------------|-----|-----|-----|---------------------------------------|-----|--------------|-----|-----|-----|-------|-----|-----|-----|-----|-----|---------------------------------------|-----|--------|-----|----------|-----|------------|-----|----------|-----|-----|-----|-----|-----|------------|------|------------|-----|-----|------|--------------|-----|------------|------|------------|-----|------------------------------------|------|--------------|-----|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|---------------------------|------|----------|-----|-----|------|-----|-----|--------|------|-----|-----|--|------|-----|-----|-------------------|------|------------|-----|---------------------------------|------|------------|-----|----------------------------------|------|----------|-----|-----|------|------------|-----|---------------------------------------|------|-----|-----|-----|--|--|
| <p>1</p> <p>Preparation for the removal of tree and woodlands groups</p> | <p>Layout of the new roundabouts, access roads and new pathways to be marked out on site.</p> | <p>The locations of roundabouts, access roads and access paths within the Phase 1 development are to be marked out where groups and woodlands areas require partial removal.</p> <p>The project arborist is to identify the necessary extent of tree removal based from the marked layout and clearly spray paint all trees that require removal to aid in the removal of trees.</p> <p>Where trees are situated close to the edge of newly exposed woodland areas and groups, trees in a poor condition or over slender trunks may also require removal.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2</p> <p>Prior to erection of protective fencing.</p> | <p>Undertake tree and vegetation felling for detailed application.</p> <p>Trees/vegetation to be removed:</p> <div style="display: flex; align-items: center;">  TREES TO BE REMOVED  GROUPS TO BE REMOVED </div> | <p>Refer to section 5.5 of AIA/MS report.</p> <p>Tree works to be carried out to BS3998: 2010: by suitably qualified and insured professional tree surgeons.</p> <p>The following tree felling must be undertaken at this Phase:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: black; color: white;">Items requiring removal: - Detailed Proposals</th> </tr> </thead> <tbody> <tr><td>7T</td><td>Common Oak</td><td>76T</td><td>Ash</td></tr> <tr><td>8T</td><td>Ash</td><td>77T</td><td>Ash</td></tr> <tr><td>9T</td><td>Ash</td><td>78T</td><td>Ash</td></tr> <tr><td>28T</td><td>Ash</td><td>79T</td><td>Sycamore</td></tr> <tr><td>29T</td><td>Norway Maple</td><td>80G</td><td>Mixed Species Group (Partial removal only)</td></tr> <tr><td>30T</td><td>Ash</td><td>81G</td><td>Mixed Species Group (Partial removal)</td></tr> <tr><td>31T</td><td>Ash</td><td>82G</td><td>2x Horse Chestnut (Partial removal)</td></tr> <tr><td>32T</td><td>Ash</td><td>84G</td><td>Mixed Species Group (Partial removal)</td></tr> <tr><td>33T</td><td>Norway Maple</td><td>86T</td><td>Oak</td></tr> <tr><td>34T</td><td>Alder</td><td>87T</td><td>Ash</td></tr> <tr><td>35T</td><td>Ash</td><td>88G</td><td>Mixed Species Group (Partial removal)</td></tr> <tr><td>36T</td><td>Willow</td><td>91T</td><td>Sycamore</td></tr> <tr><td>37T</td><td>Common Oak</td><td>92T</td><td>Sycamore</td></tr> <tr><td>38T</td><td>Ash</td><td>93T</td><td>Ash</td></tr> <tr><td>39T</td><td>Common Oak</td><td>101T</td><td>Common Oak</td></tr> <tr><td>40T</td><td>Ash</td><td>102T</td><td>Silver Birch</td></tr> <tr><td>44T</td><td>Common Oak</td><td>103T</td><td>Common Oak</td></tr> <tr><td>45G</td><td>Group in generally poor condition.</td><td>104T</td><td>White Poplar</td></tr> <tr><td>46T</td><td>Wild Cherry</td><td>105T</td><td>Ash</td></tr> <tr><td>47T</td><td>Ash</td><td>106T</td><td>Ash</td></tr> <tr><td>48T</td><td>Ash</td><td>107T</td><td>Ash</td></tr> <tr><td>49G</td><td>2x Oak and 2x Wild Cherry</td><td>108T</td><td>Sycamore</td></tr> <tr><td>50T</td><td>Ash</td><td>109T</td><td>Ash</td></tr> <tr><td>56T</td><td>Willow</td><td>110T</td><td>Ash</td></tr> <tr><td>57G</td><td>2x Ash and 1x Sycamore (Partial removal)</td><td>111T</td><td>Ash</td></tr> <tr><td>58G</td><td>Group of Hawthorn</td><td>112T</td><td>Common Oak</td></tr> <tr><td>59G</td><td>Woodland Area (Partial removal)</td><td>113T</td><td>Common Oak</td></tr> <tr><td>60G</td><td>Hawthorn Group (Partial removal)</td><td>114T</td><td>Sycamore</td></tr> <tr><td>74T</td><td>Ash</td><td>115T</td><td>Common Oak</td></tr> <tr><td>75G</td><td>Mixed Species Group (Partial removal)</td><td>116T</td><td>Ash</td></tr> <tr><td>77T</td><td>Ash</td><td></td><td></td></tr> </tbody> </table> | Items requiring removal: - Detailed Proposals | | | | 7T | Common Oak | 76T | Ash | 8T | Ash | 77T | Ash | 9T | Ash | 78T | Ash | 28T | Ash | 79T | Sycamore | 29T | Norway Maple | 80G | Mixed Species Group (Partial removal only) | 30T | Ash | 81G | Mixed Species Group (Partial removal) | 31T | Ash | 82G | 2x Horse Chestnut (Partial removal) | 32T | Ash | 84G | Mixed Species Group (Partial removal) | 33T | Norway Maple | 86T | Oak | 34T | Alder | 87T | Ash | 35T | Ash | 88G | Mixed Species Group (Partial removal) | 36T | Willow | 91T | Sycamore | 37T | Common Oak | 92T | Sycamore | 38T | Ash | 93T | Ash | 39T | Common Oak | 101T | Common Oak | 40T | Ash | 102T | Silver Birch | 44T | Common Oak | 103T | Common Oak | 45G | Group in generally poor condition. | 104T | White Poplar | 46T | Wild Cherry | 105T | Ash | 47T | Ash | 106T | Ash | 48T | Ash | 107T | Ash | 49G | 2x Oak and 2x Wild Cherry | 108T | Sycamore | 50T | Ash | 109T | Ash | 56T | Willow | 110T | Ash | 57G | 2x Ash and 1x Sycamore (Partial removal) | 111T | Ash | 58G | Group of Hawthorn | 112T | Common Oak | 59G | Woodland Area (Partial removal) | 113T | Common Oak | 60G | Hawthorn Group (Partial removal) | 114T | Sycamore | 74T | Ash | 115T | Common Oak | 75G | Mixed Species Group (Partial removal) | 116T | Ash | 77T | Ash | | |
| Items requiring removal: - Detailed Proposals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7T | Common Oak | 76T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8T | Ash | 77T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9T | Ash | 78T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28T | Ash | 79T | Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29T | Norway Maple | 80G | Mixed Species Group (Partial removal only) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30T | Ash | 81G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31T | Ash | 82G | 2x Horse Chestnut (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32T | Ash | 84G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33T | Norway Maple | 86T | Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34T | Alder | 87T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35T | Ash | 88G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36T | Willow | 91T | Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37T | Common Oak | 92T | Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38T | Ash | 93T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39T | Common Oak | 101T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40T | Ash | 102T | Silver Birch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44T | Common Oak | 103T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45G | Group in generally poor condition. | 104T | White Poplar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46T | Wild Cherry | 105T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47T | Ash | 106T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48T | Ash | 107T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49G | 2x Oak and 2x Wild Cherry | 108T | Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50T | Ash | 109T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56T | Willow | 110T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57G | 2x Ash and 1x Sycamore (Partial removal) | 111T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58G | Group of Hawthorn | 112T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59G | Woodland Area (Partial removal) | 113T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60G | Hawthorn Group (Partial removal) | 114T | Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74T | Ash | 115T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75G | Mixed Species Group (Partial removal) | 116T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Phase | Requirements | Method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>2 CONT...</p> <p>Prior to erection of protective fencing.</p> | <p>Undertake tree and vegetation felling for the detailed application.</p> <p>Trees/vegetation to be removed:</p> <div style="display: flex; align-items: center; margin-top: 10px;">  <p style="font-size: 8px; margin: 0;">TREES TO BE REMOVED</p> </div> <div style="display: flex; align-items: center; margin-top: 5px;">  <p style="font-size: 8px; margin: 0;">GROUPS TO BE REMOVED</p> </div> | <p>Refer to section 5.5 of AIA/MS report.</p> <p>Tree works to be carried out to BS3998: 2010: by suitably qualified and insured professional tree surgeons.</p> <p>The following tree felling must be undertaken at this Phase:</p> <table border="1" data-bbox="563 454 1465 1601" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: #f2f2f2;">Items requiring removal: - Detailed Proposals</th> </tr> </thead> <tbody> <tr><td style="width: 10%;">117T</td><td style="width: 50%;">Ash</td><td style="width: 10%;">195G</td><td style="width: 30%;">Common Oaks</td></tr> <tr><td>118T</td><td>Norway Maple</td><td>198G</td><td>Mixed Species Group</td></tr> <tr><td>119T</td><td>Lime</td><td>201G</td><td>Group of young Ash</td></tr> <tr><td>126G</td><td>Group of Oak (Partial removal)</td><td>202T</td><td>Common Oak</td></tr> <tr><td>134T</td><td>Common Oak</td><td>220T</td><td>Lime</td></tr> <tr><td>135T</td><td>Ash</td><td>221G</td><td>Row of Oak and Ash</td></tr> <tr><td>136T</td><td>Common Oak</td><td>226G</td><td>Group of Ash</td></tr> <tr><td>137T</td><td>Common Oak</td><td>228G</td><td>Mixed Species Group (Partial removal)</td></tr> <tr><td>138T</td><td>Sycamore</td><td>229G</td><td>Group of Ash</td></tr> <tr><td>139T</td><td>Common Oak</td><td>230T</td><td>Ash</td></tr> <tr><td>141T</td><td>Ash</td><td>231T</td><td>Common Oak</td></tr> <tr><td>140T</td><td>Common Oak</td><td>232T</td><td>Ash</td></tr> <tr><td>142T</td><td>Ash</td><td>233G</td><td>Mixed Species Group</td></tr> <tr><td>143T</td><td>Ash</td><td>237G</td><td>Mixed Species Group (Partial removal)</td></tr> <tr><td>144T</td><td>Ash</td><td>252G</td><td>Mixed Species Group</td></tr> <tr><td>145G</td><td>Mixed Species Group</td><td>253T</td><td>White Poplar</td></tr> <tr><td>146G</td><td>Mixed Species Group</td><td>254T</td><td>Crack Willow</td></tr> <tr><td>147G</td><td>Mixed Species Group</td><td>257W</td><td>Woodland Area (Partial removal)</td></tr> <tr><td>150G</td><td>Woodland Area (Partial removal)</td><td>258G</td><td>Group of Crack Poplar</td></tr> <tr><td>151G</td><td>Mixed Species Group (Partial removal)</td><td>259T</td><td>Scots Pine</td></tr> <tr><td>163G</td><td>Elm and Alder</td><td>265G</td><td>Mixed Species Group</td></tr> <tr><td>180G</td><td>Mixed Species Group</td><td>266G</td><td>Mixed Species Group</td></tr> <tr><td>184G</td><td>Mixed Species Group</td><td>268G</td><td>Mixed Species Group</td></tr> <tr><td>185G</td><td>Crack Willows</td><td>269T</td><td>Ash</td></tr> <tr><td>186T</td><td>Alder</td><td>270G</td><td>Silver Birch, Hazel and Scots Pine.</td></tr> <tr><td>187G</td><td>Mixed Species Group</td><td>271T</td><td>Ash</td></tr> <tr><td>188G</td><td>Mixed Species Group</td><td>272T</td><td>Ash</td></tr> <tr><td>189G</td><td>White Poplars</td><td>273G</td><td>Mixed Species Group</td></tr> <tr><td>190G</td><td>Mixed Species Group</td><td>274G</td><td>Group of Sycamore</td></tr> <tr><td>191T</td><td>Common Oak</td><td>286T</td><td>Ash</td></tr> <tr><td>193G</td><td>Mixed Species Group</td><td>287G</td><td>Mixed Species Group</td></tr> <tr><td>194G</td><td>Alders</td><td>288G</td><td>Mixed Species Group</td></tr> </tbody> </table> | | | | Items requiring removal: - Detailed Proposals | | | | 117T | Ash | 195G | Common Oaks | 118T | Norway Maple | 198G | Mixed Species Group | 119T | Lime | 201G | Group of young Ash | 126G | Group of Oak (Partial removal) | 202T | Common Oak | 134T | Common Oak | 220T | Lime | 135T | Ash | 221G | Row of Oak and Ash | 136T | Common Oak | 226G | Group of Ash | 137T | Common Oak | 228G | Mixed Species Group (Partial removal) | 138T | Sycamore | 229G | Group of Ash | 139T | Common Oak | 230T | Ash | 141T | Ash | 231T | Common Oak | 140T | Common Oak | 232T | Ash | 142T | Ash | 233G | Mixed Species Group | 143T | Ash | 237G | Mixed Species Group (Partial removal) | 144T | Ash | 252G | Mixed Species Group | 145G | Mixed Species Group | 253T | White Poplar | 146G | Mixed Species Group | 254T | Crack Willow | 147G | Mixed Species Group | 257W | Woodland Area (Partial removal) | 150G | Woodland Area (Partial removal) | 258G | Group of Crack Poplar | 151G | Mixed Species Group (Partial removal) | 259T | Scots Pine | 163G | Elm and Alder | 265G | Mixed Species Group | 180G | Mixed Species Group | 266G | Mixed Species Group | 184G | Mixed Species Group | 268G | Mixed Species Group | 185G | Crack Willows | 269T | Ash | 186T | Alder | 270G | Silver Birch, Hazel and Scots Pine. | 187G | Mixed Species Group | 271T | Ash | 188G | Mixed Species Group | 272T | Ash | 189G | White Poplars | 273G | Mixed Species Group | 190G | Mixed Species Group | 274G | Group of Sycamore | 191T | Common Oak | 286T | Ash | 193G | Mixed Species Group | 287G | Mixed Species Group | 194G | Alders | 288G | Mixed Species Group |
| Items requiring removal: - Detailed Proposals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117T | Ash | 195G | Common Oaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118T | Norway Maple | 198G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119T | Lime | 201G | Group of young Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126G | Group of Oak (Partial removal) | 202T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 134T | Common Oak | 220T | Lime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 135T | Ash | 221G | Row of Oak and Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 136T | Common Oak | 226G | Group of Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 137T | Common Oak | 228G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138T | Sycamore | 229G | Group of Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139T | Common Oak | 230T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141T | Ash | 231T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140T | Common Oak | 232T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142T | Ash | 233G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143T | Ash | 237G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144T | Ash | 252G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 145G | Mixed Species Group | 253T | White Poplar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146G | Mixed Species Group | 254T | Crack Willow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147G | Mixed Species Group | 257W | Woodland Area (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150G | Woodland Area (Partial removal) | 258G | Group of Crack Poplar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 151G | Mixed Species Group (Partial removal) | 259T | Scots Pine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 163G | Elm and Alder | 265G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180G | Mixed Species Group | 266G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 184G | Mixed Species Group | 268G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 185G | Crack Willows | 269T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 186T | Alder | 270G | Silver Birch, Hazel and Scots Pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187G | Mixed Species Group | 271T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 188G | Mixed Species Group | 272T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 189G | White Poplars | 273G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 190G | Mixed Species Group | 274G | Group of Sycamore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 191T | Common Oak | 286T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 193G | Mixed Species Group | 287G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 194G | Alders | 288G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Phase | Requirements | Method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>2 CONT...</p> <p>Prior to erection of protective fencing.</p> | <p>Tree felling required for outline Outline Planning Proposals</p> <p>Trees/vegetation to be removed:</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 5px; font-size: 8px;">TREES TO BE REMOVED</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;">  <div style="margin-left: 5px; font-size: 8px;">GROUPS TO BE REMOVED</div> </div> | <p style="text-align: center;">Refer to section 5.5 of AIA/MS report.</p> <p>Tree works to be carried out to BS3998: 2010: by suitably qualified and insured professional tree surgeons.</p> <p style="text-align: center;">The following tree felling <u>must</u> be undertaken at this Phase:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: black; color: white;"> <th colspan="4" style="text-align: center; padding: 2px;">Items requiring removal: Outline Proposals</th> </tr> </thead> <tbody> <tr> <td style="width: 10%;">61G</td> <td style="width: 55%;">Mixed Species Group (Partial removal)</td> <td style="width: 15%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>63G</td> <td>Mixed Species Group (Partial removal)</td> <td>171T</td> <td>Alder</td> </tr> <tr> <td>64G</td> <td>Mixed Species Group</td> <td>172T</td> <td>Ash</td> </tr> <tr> <td>65T</td> <td>Ash</td> <td>173G</td> <td>Mixed Species Group</td> </tr> <tr> <td>68G</td> <td>Mixed Species Group (Partial removal)</td> <td>174G</td> <td>Mixed Species Group</td> </tr> <tr> <td>69G</td> <td>Mixed Species Group (Partial removal)</td> <td>176G</td> <td>Mixed Species Group</td> </tr> <tr> <td>70G</td> <td>Mixed Species Group (Partial removal)</td> <td>177G</td> <td>Mixed Species Group</td> </tr> <tr> <td></td> <td></td> <td>178G</td> <td>Mixed Species Group</td> </tr> <tr> <td></td> <td></td> <td>179G</td> <td>Mixed Species Group</td> </tr> <tr> <td>152G</td> <td>Mixed Species Group</td> <td>181G</td> <td>Mixed Species Group</td> </tr> <tr> <td>153G</td> <td>Mixed Species Group</td> <td>182G</td> <td>Mixed Species Group</td> </tr> <tr> <td>154G</td> <td>Mixed Species Group</td> <td>183G</td> <td>Mixed Species Group</td> </tr> <tr> <td>155G</td> <td>Mixed Species Group</td> <td>192T</td> <td>Common Oak</td> </tr> <tr> <td>156G</td> <td>Mixed Species Group</td> <td>196G</td> <td>Mixed Species Group</td> </tr> <tr> <td>158T</td> <td>Goat Willow</td> <td>197G</td> <td>Crack and Goat Willows</td> </tr> <tr> <td>159G</td> <td>Goat Willow and Crack Willow</td> <td>227G</td> <td>Damson Thicket</td> </tr> <tr> <td>160G</td> <td>Mixed Species Group</td> <td>234G</td> <td>Mixed Species Group</td> </tr> <tr> <td>161G</td> <td>Alder</td> <td>235G</td> <td>Mixed Species Group</td> </tr> <tr> <td>162G</td> <td>Alder</td> <td>249G</td> <td>Mixed Species Group</td> </tr> <tr> <td>164T</td> <td>Common Oak</td> <td>275G</td> <td>Mixed Species Group</td> </tr> <tr> <td>165T</td> <td>Ash</td> <td>278G</td> <td>Mixed Species Group</td> </tr> <tr> <td>166T</td> <td>Goat Willow</td> <td>279G</td> <td>Mixed Species Group</td> </tr> <tr> <td>167T</td> <td>Ash</td> <td>280G</td> <td>Mixed Species Group</td> </tr> <tr> <td>168T</td> <td>Common Oak</td> <td>281G</td> <td>Mixed Species Group</td> </tr> <tr> <td>169T</td> <td>Alder</td> <td>282T</td> <td>Common Oak</td> </tr> <tr> <td>170T</td> <td>Alder</td> <td>284T</td> <td>Common Oak</td> </tr> </tbody> </table> | Items requiring removal: Outline Proposals | | | | 61G | Mixed Species Group (Partial removal) | | | 63G | Mixed Species Group (Partial removal) | 171T | Alder | 64G | Mixed Species Group | 172T | Ash | 65T | Ash | 173G | Mixed Species Group | 68G | Mixed Species Group (Partial removal) | 174G | Mixed Species Group | 69G | Mixed Species Group (Partial removal) | 176G | Mixed Species Group | 70G | Mixed Species Group (Partial removal) | 177G | Mixed Species Group | | | 178G | Mixed Species Group | | | 179G | Mixed Species Group | 152G | Mixed Species Group | 181G | Mixed Species Group | 153G | Mixed Species Group | 182G | Mixed Species Group | 154G | Mixed Species Group | 183G | Mixed Species Group | 155G | Mixed Species Group | 192T | Common Oak | 156G | Mixed Species Group | 196G | Mixed Species Group | 158T | Goat Willow | 197G | Crack and Goat Willows | 159G | Goat Willow and Crack Willow | 227G | Damson Thicket | 160G | Mixed Species Group | 234G | Mixed Species Group | 161G | Alder | 235G | Mixed Species Group | 162G | Alder | 249G | Mixed Species Group | 164T | Common Oak | 275G | Mixed Species Group | 165T | Ash | 278G | Mixed Species Group | 166T | Goat Willow | 279G | Mixed Species Group | 167T | Ash | 280G | Mixed Species Group | 168T | Common Oak | 281G | Mixed Species Group | 169T | Alder | 282T | Common Oak | 170T | Alder | 284T | Common Oak |
| Items requiring removal: Outline Proposals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61G | Mixed Species Group (Partial removal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63G | Mixed Species Group (Partial removal) | 171T | Alder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64G | Mixed Species Group | 172T | Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65T | Ash | 173G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68G | Mixed Species Group (Partial removal) | 174G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69G | Mixed Species Group (Partial removal) | 176G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70G | Mixed Species Group (Partial removal) | 177G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 178G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 179G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 152G | Mixed Species Group | 181G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 153G | Mixed Species Group | 182G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 154G | Mixed Species Group | 183G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 155G | Mixed Species Group | 192T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156G | Mixed Species Group | 196G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 158T | Goat Willow | 197G | Crack and Goat Willows | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 159G | Goat Willow and Crack Willow | 227G | Damson Thicket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160G | Mixed Species Group | 234G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161G | Alder | 235G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 162G | Alder | 249G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 164T | Common Oak | 275G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165T | Ash | 278G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166T | Goat Willow | 279G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 167T | Ash | 280G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 168T | Common Oak | 281G | Mixed Species Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169T | Alder | 282T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170T | Alder | 284T | Common Oak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3</p> <p>Prior to any demolition/ construction works on site</p> | <p>Erection of protective fencing:</p> <p>To retain throughout the duration of the development:</p>  | <p>Protective fencing is to be erected in accordance with 5.6 of AIA/MS report.</p> <p>The fencing must comply with the positions shown in the Tree Protection Plan. A scale copy of the Tree Protection Plan must be used as reference and fencing positions measured from the Plan using a scale rule, or preferably co-ordinates taken from the CAD version of the Tree Protection Plan to allow the accurate locations of scaffold posts to be determined via GPS system (and pegged accordingly)</p> <p>No works, no storage of materials, no access, or any ground disturbance is to take place within the Tree Protection Barrier Fencing other than works specified within the Arboricultural Method Statement. Fenced areas are to be treated as Construction Exclusion Zones.</p> <p>Warning signs to be placed on all protective fencing. For large sections of fencing the signs must be placed at 20m intervals.</p> <p>Signs must be laminated and securely attached at all corners. Two signs are to be placed side by side; copies of which are attached within Appendix A.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Phase | Requirements | Method |
|--|--|--|
| <p>4 Verifying quality of protective barriers</p> | <p>Verify that the location and quality of tree protection barriers is adequate prior to onset of main site works.</p> | <p>Site visit with Arboricultural Consultant and Site Manager. Tree Officer to be pre-informed of visit. In order for set works to proceed the pro-forma in Appendix B. of the AIA/AMS report is to be completed and passed on to the local planning authority: If the protective barriers are not adequately, work is not to proceed until rectified. NOTE: IT IS THE RESPONSIBILITY OF THE DEVELOPER TO INFORM THE PROJECT ARBORICULTURALIST</p> |
| <p>5 Start of works</p> | <p>Maintain protective fencing</p> | <p>The tree protective barrier fencing is to remain in situ during all demolition and construction works.</p> |
| <p>6 Completion of main construction and undertaking of landscaping</p> | <p>Landscaping and Dismantling of tree barrier protective fencing.</p> | <p>It is essential that ground levels within the root protection areas are not altered, either by raising or lowering soil levels; even at the landscaping stage. Landscaping operations must be undertaken in a manner that will not impact trees. Landscaping within the root protection area of trees must be undertaken in the following manner:</p> <ol style="list-style-type: none"> 1. Any existing ground flora (grass/weeds/scrub) is to be sprayed with a systemic herbicide and left to die-off. 2. Dead flora is to be strimmed as hard as possible with a brush cutter or similar. The bulk of the strimmed material is to be removed by raking. 3. A good quality organic topsoil layer may be placed down. Small depressions may be filled (and lightly compacted underfoot). Placed topsoil soil layers must not exceed 100mm depth. 4. No plant machinery operating within the root protection areas to exceed 3 tonne gross weight and must only operate from propriety ground protection boards such as DuraMatt Access Matts (see Appendix C). 5. Turf and other planting to proceed thereafter. |

APPENDIX A - SIGNS TO ATTACH TO PROTECTIVE FENCING

| | |
|--|--|
| <p>PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.</p> |  |
| <p>TREE PROTECTION AREA KEEP OUT ! (TOWN & COUNTRY PLANNING ACT 1990) TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A TREE PRESERVATION ORDER. CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY</p> |  |

APPENDIX B – Site Inspection pro-forma

**SITE INSPECTION - ARBORICULTURAL METHOD STATEMENT
(Ref: MG.5035.AIA&AMS.REV G.JAN18)**

Site Address : Former Leyland Test Track, Leyland

Name of Arboricultural Inspector:

Date of Inspection:

The purpose of this site inspection is to confirm with requirements within the above referenced Arboricultural Method Statement.

The site is to be visited and the placement of tree protection barrier fencing checked for compliance with specifications within the method statement.

Further works on the site shall not proceed until the tree protective fencing is installed in compliance with the method statement and in submitting this document to the Local Planning Authority the inspector is verifying that the necessary specifications have been met.

Notes (continue on separate attachments as necessary):

Photographs: (attach below):

APPENDIX C – GROUND PROTECTION BOARDS

(to be used for light plant access when undertaking temporary operations within the root protection areas of trees- such as fencing and landscaping)

DuraMatt Single Sided Access Mat - 2400mm x 600mm x 10mm - 17kg

Product Code: DURA-240060017SS



MultiMatts are the market leading provider of temporary access and ground protection solutions. Temporary Access and Ground Protection Mats are now an essential requirement for the construction, civil engineering and groundwork industries, although they're also used extensively within the festival and outdoor event sectors.

Our DuraMatt - Light/Medium Duty Access Mat is manufactured from 100% recycled Low Density Polyethylene (LDPE) and weigh just 17kg. DuraMatt is ideal for both short and long term projects and can be used in a variety of applications.

DuraMatt is capable of taking weights of 15-20 tonnes* depending on the ground conditions, they've also been designed with a connection hole in each corner should the mats need to be connected together.

DuraMatt has a unique diamond pattern "non-slip" surface on one side, the other side has been left smooth for working on hard standing areas and sensitive grass, it also allows contractors to use the mat as a spoil board for construction materials. It's flexible nature allows the mats to follow the contours of the ground to deliver highly effective access over undulating or sloping terrain.

Standard colour option is Grey – Please contact us for other colours or customisation.

Key Applications

- Ground Work Spoil Boards
- Temporary Roadways and Car Parks
- Pedestrian Walkways
- Heritage sites; Eco-Sensitive areas
- Sports and Leisure Events
- Golf Course and Sports Field Maintenance
- Ground Protection
- Emergency Access Routes
- Utilities
- Infrastructure Maintenance

Key Features and Benefits

- 2.4m x 0.6m x 10mm - Weight 17kg
- Maximum Weight loading approx. 15-20 tonnes*
- Unique diamond pattern "non-slip" surface for optimal grip
- Avoids health and safety issues
- Avoids property, heritage and environmental damage and reinstatement
- Avoids vehicles becoming bogged down
- Low transportation and handling costs
- Various connection options for different ground conditions and equipment
- Premium 100% recycled (LD) polyethylene which is 100% recyclable