10298

Kendray Hospital

Barnsley

South Yorkshire NHS Trust

– Duty of Care Tree Condition Survey

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Report to: **South West Yorkshire NHS Trust**

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Duty of Care Tree Condition Survey

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Executive Summary

On behalf of South West Yorkshire NHS Trust, Ecus Ltd. have carried out a duty of care tree condition survey to meet the clients duty of care in regards to its tree stock. The survey was carried out in September 2017 at Kendray Hospital, Barnsley. The Visual Tree Assessment (VTA) was applied in this survey. This is a ground based examination looking for defects, symptoms and overall vitality of the tree.

The survey records all trees within the site, recording a number of parameters including species, crown spread and observed defects, targets and specified required tree works. All identified tree works are given a clear priority.

The survey recorded six tree groups and 119 individual trees.

No trees require immediate attention on the grounds of health and safety and works should be prioritised to carry out the remedial works suggested in this report.

All owners and/or managers of land on which trees stand owe a duty of care to anybody who can be reasonably expected to come into contact with those trees. It is the duty holders' fundamental responsibility, in taking reasonable care as a reasonable and prudent landowner, to consider risks posed by their trees.

However, the tree owner is not expected to guarantee that the tree is safe. The owner has to take only reasonable care such as could be expected of the reasonable and prudent landowner.

By commissioning this report, and acting on the recommendations made within it, South West Yorkshire NHS Trust has exercised their duty of care.

Contents

1. INTRODUCTION 5
2. DUTY OF CARE TREE SURVEY METHODOLOGY 6
2.1 SITE SURVEY 6
3. DUTY OF CARE LEGISLATION 8
3.1 GENERAL LEGAL FRAMEWORK 8
3.2 NEGLIGENCE 8
3.3 STANDARD OF INSPECTION 8
3.4 CIVIL LAWS COVERING TREES 8
3.5 CRIMINAL LAW COVERING TREES 9
4. TREE PRESERVATION ORDER/CONSERVATION AREA STATUS 10
4.1 TREE DESIGNATIONS 10
5. DUTY OF CARE TREE CONDITION SURVEY RESULTS 11
5.1 GENERAL SITE DESCRIPTION 11
5.2 RESULTS OF DUTY OF CARE TREE CONDITION SURVEY 11
6. RECOMMENDATIONS 12
6.1 REQUIREMENTS FOR TREE WORKS 12
6.2 RE-SURVEYING OF THE TREE STOCK 12
APPENDIX 1 – SITE PHOTOGRAPHS 14
APPENDIX 2 – TABLES 15
APPENDIX 3 – DUTY OF CARE TREE CONDITION SURVEY PLAN. 29

Table 1 – Tree Condition Survey Schedule

Table 2 – Summary of Work Recommendations

Figure 1 – Location Plan (within report text)

Figure 2 – Tree Condition Survey Plan (10298-ARB-01)

1. Introduction

1.1.1 Ecus Limited were commissioned by South West Yorkshire NHS Trust to undertake a duty of care tree condition survey of the site at Kendray Hospital, Barnsley. The site location is shown on Figure 1 below.

1.1.2 The survey was carried out in accordance with the principles of Visual Tree Inspection (VTA) and the guidance given by the National Tree Safety Group (NTSG) in Common sense risk management of trees 2011. This report sets out the findings of the survey and recommendations have been made for preliminary tree work that may be required.

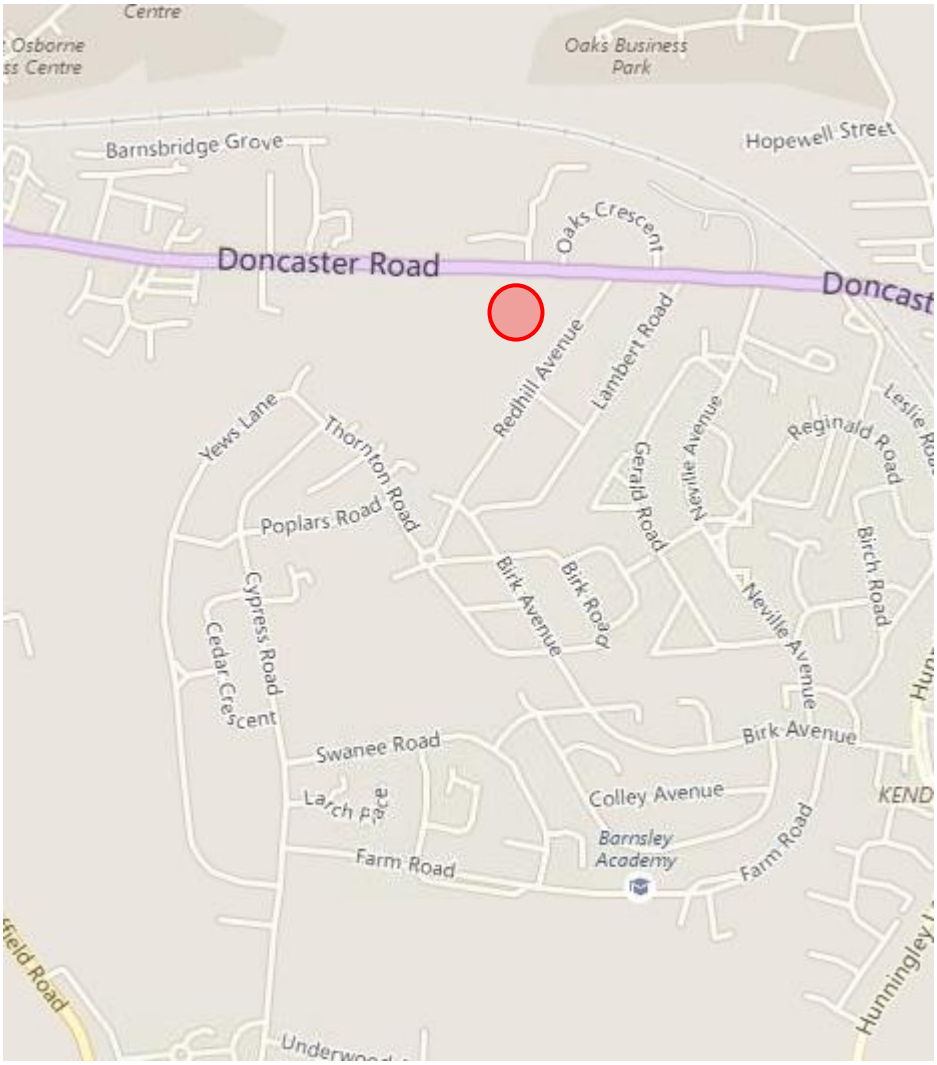


Figure 1 – Location Plan

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2. Duty of Care Tree Survey Methodology

2.1 Site survey

2.1.1 Ecus carried out the tree survey in September 2017 when the trees were in leaf. The tree survey was a ground based visual inspection carried out by a suitably qualified arboriculturist. The trees were not tagged as part of the survey.

2.1.2 The inspection of the trees, the site and the immediate surrounding area was carried out by Peter Simpson MArborA HNDip Forestry, Professional Tree Inspector.

2.1.3 The following characteristics were recorded:

- Species
- Description and Targets. The features surrounding the tree such as a building within falling distance/grass/play area. This informs the target assessment.
- Structure. Refers to the trees form and previous management.
- Number of stems. For a single tree plot this is used to indicate multi stemmed form. In groups and woodlands it gives an indication of the number of trees within the plotted boundary.
- Estimated height (m)
- Estimated Stem diameter at 1.5m above ground level (mm).
- Approximate average crown spread radius (m).
- Survey Notes. Any defects/symptoms/health and safety issues noted in the visual survey. Conditions might include:

  Major dead wood- this is dead wood in the canopy over 50mm

  Minor dead wood- this is dead wood in the canopy under 50mm

  Lean-tree growing at an angle

  Multi-stem- numerous stems on the same tree

  Co-dominant stem-2 stems on the same tree

  Tight or weak union- on a co-dominant or multiple stemmed where there is limited space for trunk growth

  Imbalanced crown- weight and size of crown higher on one side of tree than the other

  Roots at surface-roots visible on the ground

  Ivy/Climbing plants- plants growing up the tree stem

  Bark wound- wound on trunk/branch/roots

  Fibre buckling-creasing in the bark/loosening of increment strips on bark

  Fungal Infection.

- Life Stage

  Newly Planted

  Young = Young and recently established trees

  Semi Mature = Semi-mature trees age less than 1/3 life expectancy

  Early Mature = Middle age trees 1/3 – 2/3 life expectancy

  Mature = Mature trees over 2/3 life expectancy

Over Mature = Declining or moribund trees of low vigour

Veteran = A tree which, because of its great age, size or condition, is of exceptional cultural, landscape or nature conservation value.

- Condition category. This is an overall reflection of the structural and physiological condition of the tree:

  Good = Good vitality and structural integrity with no obvious defects

  Fair = Normal or slightly impaired vigour and structural integrity, currently acceptable defects.

  Poor = Poor vitality or significant structural defects which are unacceptable and must be addressed.

  Dead = The tree is dead. May or may not be dangerous, depending on location.

- Inspection Period. Generally three years from the date of the survey. Trees deemed to be of greater risk, or with high levels of targets may be lower.
- Mitigation Options/Work Recommended. If the tree has been assessed and found to be a health and safety risk, works will be recommended to remedy the issue. Any proposed tree works are made in accordance with the principles and practices recommended in British Standards 3998:2010 Tree Work – Recommendations. All terms used are standard arboricultural terms. An urban prune (UP) entails clearance pruning from objects, crown lifting over roads (5m) and footpaths (2.5m), and a crown clean.
- Timescale. The timeframe in which is it recommended for works to be carried out based on the risk of the tree failing. They are as follows:

  Urgent = Within one month, ideally seven days.

  6 months

  One year

  Two years

  Three years = Part of scheduled tree works program. If left may create future issues. If nothing is recorded then re inspect in 3 years.

- Residual Risk. The overall risk that a tree presents assuming the prescribed mitigation recommendations are carried out. Based on the probability of tree/crown failure and the severity of the outcome of that failure.

  High = High likelihood of a failure with a critical outcome.

  Medium = Moderate likelihood of a failure with a moderate outcome.

  Low = Negligible likelihood of a failure.

2.1.4 The survey recorded all trees on site. Where trees have been newly planted and present no object danger then they will no recorded, nor will small self seeded trees not yet exhibiting a ‘tree’ form.

2.1.5 The findings and recommendations contained within this report are, assuming its recommendations are observed, valid for a period of twelve months from the date of survey. Trees are living organisms and their condition can change significantly over a relatively short period of time – good practice dictates they are inspected on a regular basis for reasons of safety.

3. Duty Of Care Legislation

3.1 General Legal Framework

3.1.1 All paragraphs in this chapter are all exerts taken from *'Common Sense Risk Management of Trees'* by National Tree Safety Group published by The Forestry Commission dated December 2011. This document is free to download from www.ntsg.org.uk.

3.1.2 Under both civil and criminal law, an owner of land on which a tree stands has responsibilities for the health and safety of persons on or near the land and has potential liabilities arising from the falling of a tree or a branch. Civil law gives rise to potential liabilities to pay damages in the event of a breach of those duties. Criminal law gives rise to the risk of prosecution in the event of an infringement of the criminal law.

3.1.3 Under civil law the owner of land on which a tree stands, together with any party who has control over the tree's management, owe a duty of care at common law to all people who might be injured by the tree. The duty of care is to take reasonable care to avoid acts or omissions that cause a reasonably foreseeable risk of injury to persons or property.

3.1.4 If a person is injured by a falling/fallen tree or branch, potential causes of action arise against the tree owner in negligence for a breach of the duty of care, in the tort of nuisance and where the injured person was on the land of the tree owner at the time of injury under various Acts of Parliament including Health and Safety at Work etc. Act 1974.

3.2 Negligence

3.2.1 **The duty holder -** The person who has control of the trees' management.

3.2.2 **The person to who the duty is owed -** Any person who can be reasonably foreseen as coming within the tree's vicinity and being injured by a fall of the tree or a branch from a tree for example using footpaths, drives and public rights of way or working within the open spaces. Trespassers may also, in some cases, be expected to come within the vicinity of trees on private land.

3.2.3 **The duty owed -** To take reasonable care for the safety of those who may come within the vicinity of a tree, with the standard of care defined as that of a reasonable and prudent landowner. The tree owner is not expected to guarantee a tree is safe, only to take reasonable care such as could be expected of the reasonable and prudent landowner.

3.3 Standard of inspection

3.3.1 In general terms, a landowner must identify those trees which might, if they fell, pose a risk to people or property. He should then inspect such trees and identify any obvious defects in the trees. If the landowner does not have sufficient knowledge of trees to enable him to identify such obvious defects, he should engage someone who has. Having identified a defect, the landowner (if sufficiently knowledgeable), or someone with appropriate knowledge and expertise, should assess the risk posed by the defect and take appropriate action, which might mean further monitoring of the defect, pruning of the tree or felling.

3.3.2

3.4 Civil Laws Covering Trees

3.4.1 If the owner fails to exercise their duty of care they can expect a prosecution under one of the following laws:

The Occupiers Liability Act 1957

The occupier owes a duty of care to the visitor to 'take such care as in all the circumstances of the case is reasonable to see that the visitor will be reasonably safe in using the premises for the purposes for which he/she is invited or permitted by the occupier to be there.'

The Occupiers Liability Act 1984

The Occupiers' Liability act 1984 provides for an occupier's liability to people other than visitors, in particular trespassers, in circumstances where the occupier knows of the potential presence of such people on their land and of the risk posed to them by features of the land such as trees, and the risk is one against which, in all the circumstances, the occupier may reasonably be expected to offer them some protection.

3.5 Criminal Law Covering Trees

3.5.1 The Health and safety at Work act 1974 places a duty on employers to ensure, so far as is reasonably practicable, that in the course of conducting their undertaking, employees and members of the public are not put at risk. The duty is subject to the words "so far as is reasonably practicable". This proviso requires an employer to address the practical and proportionate precautions which can be taken to reduce a risk.

3.5.2 The management of Health and Safety at Work Regulations 1999 require employers, and self-employed persons, by regulation 3 to "make a suitable and sufficient assessment of the risks to the health and safety of persons not in his employment arising out of or in connection with the conduct by him of his undertaking". This requires an employer, and a self-employed person, to undertake a risk assessment of the tree stock on the land which forms part of the undertaking. Breach of the duty under the act, or the regulations derived from the act, can give rise to a criminal prosecution against the employer. Enforcement of the Act is vested in The Health and Safety Executive (HSE) and, in some instances, Local Authorities.

4. Tree Preservation Order/Conservation Area status

4.1 Tree Designations

4.1.1 The survey included identification of any existing designations affecting trees on site such as Tree Preservation Orders and Conservation Area status by checking the map information available on Barnsley Council website www.barnsley.gov.uk.

4.1.2 This check confirmed that there are no Tree Preservation Orders (TPO) on any of the trees surveyed. The site is not within a Conservation Area.

5. Duty of Care Tree Condition Survey Results

5.1 General Site Description

5.1.1 The site is a NHS hospital complex with associated hard and soft landscaping, road ways and car parks.

5.1.2 The trees surveyed during the site visit are located across the site, with the majority around the northern and eastern boundaries.

5.1.3 The site has high levels of usage. The northern boundary is bounded by A635 Doncaster Road which is a busy highway. The eastern and southern boundaries are made up of domestic gardens. The site stands in an elevated position and is exposed to strong winds during major weather events, and has a history of windthrow on the site.

5.1.4 Weather on the day of the survey was sunny with isolated showers.

5.2 Results of Duty of Care Tree Condition Survey

5.2.1 The Tree Survey Schedule in Table 1, Appendix 1 describes the results of the tree survey and includes prioritised management recommendations. The table should be read in conjunction with Figure 2 Duty of Care Tree Condition Survey. This drawing illustrates the location of the trees surveyed.

5.2.2 Six tree groups and 119 individual trees have been recorded during the survey. A full Visual Tree Assessment (VTA) was carried out for those trees, including the recording of defects and targets to determine work recommendations.

5.2.3 28 different species of trees where recorded during the visit. The commonest species on site is common ash (*Fraxinus excelsior*), with hybrid black poplar (*Populus x canadensis*), cherries (*Prunus sp*.), sycamore (*Acer psuedoplatanus*), holly and London plane (*Platanus x hispanica*) all being recorded in numbers. The site also contains a number of fine mature wych elm (*Ulmus glabra*) which appear to be in good health.

5.2.4 The age distribution of the trees is summarised in the table below.

Life Stage	No. of Trees
Early Mature	35
Mature	71
Over Mature	7
Semi Mature	9
Young	3

5.2.5 Kendray Hospital is in an exposed site and has suffered from a number of wind related tree failures in the last number of years. The site contains a large number of large, mature, previously pollarded hybrid black poplars which have gone unmanaged for a number of years. These trees require bringing back into a management program before major crown failures occur.

6. Recommendations

6.1 Requirements for Tree Works

6.1.1 There are no trees requiring immediate attention for reasons of health and safety.

6.1.2 Required tree works and recommended timescales are summarised in Table 1.

6.1.3 The northern boundary of the site contains a number of mature hybrid black poplars which have previously been pollarded at around 10m. This appears to have been carried out 10 to 15 years ago. Due to the nature of the species the regrowth from such operations is poorly attached to the regrowth point and is prone to failure. The trees have regrown to a considerable size and one tree has already experienced crown failure around one of these weak unions.

6.1.4 Four of the former pollards T302, T306, T307, T319 have serious defects in the former pollard points and require remedial action within six months. This could be re-pollarding to the previous cut points, but this will lead to a commitment to re-pollarding again in 5 to 10 years. It may be more prudent to totally remove the trees and replace with a more suitable species. The other pollarded hybrid black poplars all require re pollarding with in the next two years, with some being highlighted as needing attention within one. Again it may be prudent to instigate a program of phased removal and replacement of these trees.

6.1.5 The eastern boundary of the site contains a row of mature trees along the fence line over sailing the private gardens. A number of these trees are mature ash which appears to be going into decline. Although they are currently in a fair condition, they need monitoring for any sudden decline in health and relevant action taken.

6.1.6 Two trees near the entrance, hybrid black poplar T268 and ash T266 have unbalanced crowns, with considerable weight in the branches over the private gardens. These two trees require crown works to remove the danger of crown failures.

6.1.7 In the centre of the site are three Lombardy Poplars (*Populus nigra italica*) T293, T294 and T295. These are mature trees of considerable size and wind sail. T293 and T294 have cavities and decay in the lower stem and require removal with in one year. This will leave T295 exposed to increase wind force and considering its age and species, its removal at the same time as its neighbours is considered prudent.

6.1.8 Behind the estate office building range is a double fence with ash trees self seeding within it. These are very hard to inspect due to the nature of the fence, though it is foreseeable that they will create maintenance issues in the future. This report recommends they are removed and the stumps poisoned within three years.

6.1.9 All other works are self explanatory and mostly involve removal of moribund and dead trees and minor pruning works.

6.1.10 The tree works should be specified by an arboriculturist in a schedule of works and carried out by a suitable qualified and experienced tree surgeon.

6.2 Re-surveying of the Tree Stock

6.2.1 Current best practice is for landowners to have trees inspected every three years by a competent person. Next full survey is due September 2020.

6.2.2 It is of note that it is stated in the Health and Safety Executive (HSE) Sector Information Minute *Management of the risk from falling trees (HSE 2007)*, that: “for trees in a frequently visited zone, a system for periodic, proactive checks is appropriate”. In practice, this means that trees should be inspected regularly by site staff for obvious defects, especially after severe weather events. If suspected issues are identified, then the advice of a qualified arboriculturalist should be sought.

6.2.3 The National Tree Safety Groups *'Common sense risk management of trees: Guidance on trees and public safety in the UK for owners, managers and advisers'* clearly explains the legal framework surrounding the duty of care of tree owners. It is free to download from www.ntsg.org.uk.

Appendix 1 – Site Photographs



Plate 1: **Looking east along the north of the site. Hybrid black poplars visible to the left**



Plate 2: **Looking toward the hospital lodge, the large hybrid black poplars can be seen over its roof.**



Plate 3: **Looking towards T295 in the centre of the site.**



Plate 4: **Hybrid black poplar T301**



Plate 5: **Cavity in pollard union of T306 overhanging hospital lodge**



Plate 6: **Hybrid black poplar T268**

Appendix 2 – Tables

The following table is colour coded and should be printed and viewed in colour.

Table 1 – BS5837 Tree Survey Schedule

Key:	Measurements	Life Stage/Age – Class	Overall Condition	Recommendation Time Scales	Symbols:
	Stc. - Structure (Tree, group, etc)	YNG – Young Mature	G – Good	Immediate – Within 1 month	< = less than
	Stem – No. of stems Ht - Height in metres	SM – Semi-mature	F – Fair	6 months	~ = approximately
	Stem – Stem Diameter at 1.5m in mm	EM – Early mature	P – Poor	1 year	> = greater than
	Canopy – Crown radius in metres	M – Mature	D - Dead	2 years	
	Life expectancy – In years	OM – Over mature		3 years Part of scheduled tree works program. If left may create future issues. If nothing recorded then re inspect in 3 years.	

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T216	Sycamore (*Acer pseudoplatanus*)	Tree	18	35	4	Mature	30+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T217	Whitebeam (*Sorbus aria*)	Tree	4	5	1	Semi Mature	10+ Years	Roadside tree. Target - car park Target - road	Stem damage at 0.5m	Fair	1 Year	No action required.	Low
T218	Whitebeam (*Sorbus aria*)	Tree	4	5	1	Semi Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Leaning trunk.	Fair	1 Year	No action required.	Moderate
T219	Rowan (*Sorbus aucuparia*)	Tree	7	11	2	Semi Mature	30+ Years	Roadside tree. Target - car park		Good	3 Years	No action required.	Moderate
T220	Ash, Common (*Fraxinus excelsior*)	Tree	7	10	1.5	Semi Mature	20+ Years	Tree in fence line.	Rubbing on fence, close to light	Fair	3 Years	Tree removal. Timescale: 3 Years	Moderate
T221	Rowan (*Sorbus aucuparia*)	Tree	6	10	2	Semi Mature	30+ Years	Target # - building	Trunk damage from stake	Fair	3 Years	No action required.	Low
T222	Rowan (*Sorbus aucuparia*)	Tree	6	10	2	Semi Mature	30+ Years	Target - building	Trunk damage from stake	Fair	3 Years	No action required.	Low
T223	Willow, Weeping (*Salix babylonica*)	Tree	17	30	6	Early Mature	20+ Years	Roadside tree. Target - footpath Target - road	Low branches (3m) obstruct pedestrian access.	Fair	3 Years	Crown lift to 3 m for pedestrian clearance on footpath . Timescale: 1 Year	Moderate
T224	Birch (*Betula sp.*)	Tree	10	16	4	Early Mature	30+ Years	Target - car park		Good	3 Years	No action required.	Moderate
T225	Birch (*Betula sp.*)	Tree	11	15	4	Early Mature	30+ Years	Target - building Target - car park	Cracked/split branch(es).	Fair	3 Years	Remove hanging snag in crown Timescale: 1 Year	Moderate
T226	Ash, Common (*Fraxinus excelsior*)	Tree	20	60	8	Mature	20+ Years	Target - building, garden Target - road	Minor dead branch(es). Touching roof	Fair	3 Years	Urban prune timescale: 1 year	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T227	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	12	25	3	Early Mature	20+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Moderate
T228	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	12	25	3	Early Mature	20+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Moderate
T229	Ash, Common (*Fraxinus excelsior*)	Group 20 stems	7	10	2	Semi Mature	20+ Years		Group of ash growing between 2 fences	Fair	3 Years	Tree removal treat stumps Timescale: 3 Years	Low
T230	Ash, Common (*Fraxinus excelsior*)	Pollard	6	32	0.5	Over Mature	10+ Years	Target - car park	Cavities in trunk. Dead/Missing bark on trunk. Fungal bodies on trunk.	Poor	3 Years	No action required.	Low
T231	Elm, wych (*Ulmus glabra*)	Tree	18	50	6	Mature	20+ Years	Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T232	Holly, Common (*Ilex aquifolium*)	Tree	10	15	3	Mature	40+ Years	Target - building		Good	3 Years	No action required.	Moderate
T233	Ash, Common (*Fraxinus excelsior*)	Tree	20	60	8	Mature	20+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Cavities in branch. Dead branch(es). Cavities in trunk.	Fair	3 Years	No action required.	Moderate
T234	Holly, Common (*Ilex aquifolium*)	Tree	16	40	4	Mature	40+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Leaning trunk.	Good	3 Years	No action required.	Moderate
T235	Plane, London (*Platanus x hispanica*)	Tree	18	60	5	Mature	30+ Years	Tree in fence line. Target - car park Target - road	Lost large branch in crown	Fair	3 Years	No action required.	Moderate
T236	Ash, Common (*Fraxinus excelsior*)	Pollard	18	55	5	Mature	20+ Years	Tree in fence line. Target - car park Target - road	Former Pollard, small hanging branch in crown	Fair	3 Years	No action required.	Moderate
T237	Sycamore (*Acer pseudoplatanus*)	Tree	17	20	4	Early Mature	30+ Years	Tree in fence line. Target - footpath Target - road		Fair	3 Years	No action required.	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T238	Ash, Common (*Fraxinus excelsior*)	Tree	20	60	6	Mature	20+ Years	Roadside tree. Tree in fence line. Target - building Target - car park Target - footpath Target - road	Epicormics at 2m	Fair	3 Years	No action required.	Moderate
T239	Not identified	Tree	20	50	5	Mature	30+ Years		Epicormics up main stem	Fair	3 Years	No action required.	Moderate
T240	Maple, Field (*Acer campestre*)	Tree	10	28	3	Early Mature	40+ Years	Roadside tree. Target - building Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T241	Pine, Scots (*Pinus sylvestris*)	Tree	18	35	4	Early Mature	20+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Crown Density - appears to be thin	Fair	3 Years	No action required.	Moderate
T242	Maple, Field (*Acer campestre*)	Tree	16	35	5	Early Mature	40+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T243	Sycamore (*Acer pseudoplatanus*)	Tree	17	40	4.5	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road Target - building-greenhouse	Some die back in crown over cp. Decay in pruning wounds	Fair	3 Years	Shorten 2 lower branches over car park by 2m Timescale: 1 Year	Moderate
T244	Plane, London (*Platanus x hispanica*)	Tree	17	40	4	Mature	30+ Years	Roadside tree. Target - car park Target - footpath Target - road	Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Moderate
T245	Sycamore (*Acer pseudoplatanus*)	Tree	16	25	4	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Moderate
T246	Maple, Norway 'Purpurea' (*Acer platanoides*)	Tree	16	32	5	Early Mature		Target - building Target - car park Target - footpath Target - road Target - overhead wires	Exposed roots/girdling	Good	3 Years	No action required.	Moderate
T247	Cypress, Lawson (*Chamaecyparis lawsoniana*)	Tree	15	30	4	Early Mature	30+ Years	Target - building Target - footpath Target - overhead wires		Good	3 Years	No action required.	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T248	Maple, Field (*Acer campestre*)	Tree	15	28	4	Early Mature	30+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T249	Sycamore (*Acer pseudoplatanus*)	Tree	16	40	6	Early Mature	30+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T250	Cypress, Lawson (*Chamaecyparis lawsoniana*)	Tree	13	20	2	Early Mature	20+ Years	Roadside tree. Target - building Target - car park Target - road		Good	3 Years	No action required.	Moderate
T251	Hawthorn, Common (*Crataegus monogyna*)	Tree	5	15	2	Over Mature	<10 years	Roadside tree. Target - car park Target - road	Moribund	Poor	3 Years	Tree removal. Timescale: 6 Months	Moderate
T252	Maple, Field (*Acer campestre*)	Tree	12	30	4	Early Mature	40+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Touching building	Good	3 Years	Prune back from building Timescale: 1 Year	Moderate
T253	Cherry (*Prunus sp.*)	Tree	10	25	4	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road	Exposed roots. V union in crown	Fair	3 Years	No action required.	Moderate
T254	Cypress, Lawson (*Chamaecyparis lawsoniana*)	Tree	13	30	2	Early Mature	30+ Years	Target - building Target - footpath		Good	3 Years	No action required.	Moderate
T255	Maple, Field (*Acer campestre*)	Tree	13	28	4	Early Mature	40+ Years	Roadside tree. Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T256	Ash, Common (*Fraxinus excelsior*)	Tree	18	35	5	Over Mature	10+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road	Thinning crown, minor deadwood, root damage	Poor	1 Year	Monitor for decline, consider removal Timescale: 2 Years	Moderate
T257	Sycamore (*Acer pseudoplatanus*)	Tree	20	60	7	Mature	30+ Years	Roadside tree. Target - building Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T258	Plane, London (*Platanus x hispanica*)	Tree	18	60	7	Mature	30+ Years	Riverside tree. Target - car park Target - footpath Target - road	Codominant stems.	Fair	3 Years	No action required.	Moderate
T259	Plane, London (*Platanus x hispanica*)	Tree	18	60	7	Mature	30+ Years	Riverside tree. Target - car park Target - footpath Target - road	Codominant stems. Cavities in branch. Codominant stems. Leaning trunk.	Fair	3 Years	No action required.	Moderate
T260	Elm, wych (*Ulmus glabra*)	Tree	20	50	5	Mature	30+ Years	Roadside tree. Target - car park Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T261	Plane, London (*Platanus x hispanica*)	Tree	20	60	7	Mature	30+ Years	Roadside tree. Target - car park Target - footpath Target - road	Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Moderate
T262	Holly, Common (*Ilex aquifolium*)	Tree	7	15	1.5	Mature	40+ Years	Roadside tree. Target - car park Target - footpath Target - road Target - street lights		Good	3 Years	No action required.	Moderate
T263	Plane, London (*Platanus x hispanica*)	Tree	18	40	6	Mature	40+ Years	Roadside tree. Target - car park Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T264	Ash, Common (*Fraxinus excelsior*)	Tree	20	60	4	Over Mature	10+ Years	Roadside tree. Target - building Target - car park Target - dwelling Target - footpath Target - road	Tag no. 840 tree in decline, decay in upper stem, bleed from stem, epicormics on branch, possibly ash die back?	Poor	1 Year	Tree removal. Timescale: 3 Years	High
T265	Sycamore (*Acer pseudoplatanus*)	Tree	20	60	6	Mature	30+ Years	Roadside tree. Target - building Target - car park Target - dwelling Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T266	Ash, Common (*Fraxinus excelsior*)	Tree	20	60	9	Mature	20+ Years	Roadside tree. Target - building Target - car park Target - dwelling Target - footpath Target - road	Unbalanced crown, some epicormics on branches, heavy exposed branch over gardens	Fair	3 Years	Reduce branch over gardens by 4m from tips Timescale: 6 Months	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T267	Maple, Norway (*Acer platanoides*)	Tree	15	30	6	Mature	20+ Years	Roadside tree. Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Moderate
T268	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	20	60	7	Mature	20+ Years	Roadside tree. Target - car park Target - dwelling Target - footpath	Typical of species, expose to win due to recent removals	Fair	3 Years	Pollard to 8m or remove Timescale: 1 Year	Moderate
T269	Holly, Common (*Ilex aquifolium*)	Tree	15	40	3.5	Mature	40+ Years	Roadside tree. Target - road	Cavities in trunk.	Fair	3 Years	No action required.	Moderate
T270	Holly, Common (*Ilex aquifolium*)	Tree	15	60	3.5	Mature	40+ Years	Roadside tree. Target - road	Cavities in trunk. Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Moderate
T271	Holly, Common (*Ilex aquifolium*)	Tree	15	30	3	Mature	40+ Years			Fair	3 Years	No action required.	Low
T272	Plane, London (*Platanus x hispanica*)	Tree	18	32	5	Mature	20+ Years	Tree in fence line. Target - dwelling	Prolific ivy on trunk.	Fair	1 Year	Sever ivy at base. Timescale: 6 Months	Moderate
T272	Holly, Common (*Ilex aquifolium*)	Tree 3 stems	15	30	3	Mature	40+ Years			Fair	3 Years	No action required.	Low
T273	Ash, Common (*Fraxinus excelsior*)	Tree	20	55	7	Mature	10+ Years	Target - dwelling		Fair	3 Years	No action required.	Moderate
T273	Mixed species	Group 3 stems	15	15	3	Early Mature	20+ Years	Target - building Target - road	Self set elm and ash on boundary, nr sub station	Fair	3 Years	No action required.	Low
T274	Ash, Common (*Fraxinus excelsior*)	Pollard	16	30	5	Mature	10+ Years	Roadside tree. Target - car park Target - footpath Target - road	Weak attachements Cavities in trunk.	Fair	1 Year	Reduce crown by 1.5m all over Timescale: 1 Year	Moderate
T275	Plane, London (*Platanus x hispanica*)	Pollard	13	45	5	Mature	30+ Years	Roadside tree. Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T276	Holly, Common (*Ilex aquifolium*)	Tree	12	30	3	Mature	30+ Years	Roadside tree. Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Moderate
T277	Cedar, Deodar (*Cedrus deodara*)	Group 3 stems	8	14	3	Semi Mature	40+ Years	Roadside tree. Target - footpath Target - road	On round about	Good	3 Years	No action required.	Low
T278	Cherry (*Prunus sp.*)	Tree	6	28	3	Mature	20+ Years	Roadside tree. Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T279	Cherry (*Prunus sp.*)	Tree	6	25	2.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T279	Cherry (*Prunus sp.*)	Tree	6	25	2.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T280	Cherry (*Prunus sp.*)	Tree	6	30	2.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road	Ivy on trunk.	Fair	3 Years	Sever ivy at base. Timescale: 6 Months	Moderate
T280	Cherry (*Prunus sp.*)	Tree	6	30	2.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road	Poor pruning wound at crown break out	Fair	3 Years	No action required.	Moderate
T281	Cherry (*Prunus sp.*)	Tree	7	30	3.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road Target - car park	Damaged roots. Exposed roots.	Fair	3 Years	No action required.	Moderate
T281	Oak, pedunculate (*Quercus robur*)	Tree	15	30	5	Early Mature	50+ Years	Roadside tree. Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T282	Cherry (*Prunus sp.*)	Tree	7	30	3.5	Mature	20+ Years	Roadside tree. Target - footpath Target - road	Damaged roots. Exposed roots. Poor pruning wound at crown break out	Fair	3 Years	No action required.	Moderate
T282	Oak, pedunculate (*Quercus robur*)	Tree	15	30	5	Early Mature	50+ Years	Roadside tree. Target - footpath Target - road		Good	3 Years	No action required.	Moderate
T283	Oak, pedunculate (*Quercus robur*)	Tree	17	45	6	Early Mature	50+ Years	Roadside tree. Target - footpath Target - road Target - car park		Good	3 Years	No action required.	Moderate
T284	Birch, Silver (*Betula pendula*)	Group 6 stems	15	25	3	Early Mature	30+ Years	Target - building Target - car park Target - footpath Target - road	Group of birch, one smaller individual	Good	3 Years	No action required.	Moderate
T285	Apple 'Ornamental' (*Malus sp.*)	Tree	5	10	2	Mature	20+ Years	Target - building Target - footpath	Dead/Missing bark on trunk. Leaning trunk.	Fair	3 Years	No action required.	Moderate
T286	Apple 'Ornamental' (*Malus sp.*)	Tree	6	11	2.5	Over Mature	10+ Years	Target - building Target - footpath	Thinning crown Low branches (3m) obstruct pedestrian access.	Poor	3 Years	Crown lift to 3 m for pedestrian clearance. Timescale: 6 Months	Moderate
T287	Ash, Common (*Fraxinus excelsior*)	Tree	10	20	2.5	Early Mature	20+ Years	Target - building Target - footpath			3 Years	No action required.	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T288	Whitebeam (*Sorbus aria*)	Tree	8	25	3	Mature	20+ Years	Target - footpath	Low branches (3m) obstruct pedestrian access.	Good	3 Years	Crown lift to 3 m for pedestrian clearance. Timescale: 6 Months	Moderate
T289	Apple 'Ornamental' (*Malus sp.*)	Tree	5	11	2	Mature	20+ Years	Target - footpath		Fair	3 Years	No action required.	Moderate
T290	Eucalyptus (*Eucalyptus sp.*)	Tree	16	50	6	Mature	20+ Years	Target - building Target - car park Target - footpath		Good	3 Years	No action required.	Moderate
T291	Apple 'Ornamental' (*Malus sp.*)	Tree	5	14	2	Mature	20+ Years		Low branches (3m) obstruct pedestrian access. Dead/Missing bark on trunk.	Fair	3 Years	Crown lift to 3 m for pedestrian clearance. Timescale: 6 Months	Moderate
T292	Birch, Silver (*Betula pendula*)	Group 6 stems	14	25	3	Early Mature	30+ Years	Target - car park Target - footpath	Group of 6 birch, one smaller	Good	3 Years	No action required.	Moderate
T293	Poplar, Lombardy (*Populus nigra italica*)	Tree	18	35	3	Mature	10+ Years	Target - building Target - car park Target - footpath Target - road	Cavities in trunk. Fungal bodies on trunk.	Fair	3 Years	Tree removal. Timescale: 1 Year	Moderate
T294	Poplar, Lombardy (*Populus nigra italica*)	Tree	18	30	2	Mature	10+ Years	Target - building Target - car park Target - footpath Target - road	Cavities in trunk.	Fair	3 Years	Tree removal. Timescale: 1 Year	Moderate
T295	Poplar, Lombardy (*Populus nigra italica*)	Tree	20	45	3	Mature	20+ Years	Target - building Target - car park Target - footpath Target - road	Will be left exposed by removal of others in group	Fair	3 Years	Tree removal. Remove at same time as other 2 in group Timescale: 1 Year	Moderate
T296	Cherry, wild (*Prunus avium*)	Tree	12	25	4	Mature	20+ Years	Target - building Target - footpath	Touching windows Exposed roots.	Fair	3 Years	Prune back from building Timescale: 1 Year	Moderate
T297	Cherry (*Prunus sp.*)	Tree	8	20	3.5	Over Mature	10+ Years	Target - building Target - footpath	Moribund, thin crown	Poor	3 Years	Tree removal. Timescale: 3 Years	Moderate
T298	Cherry 'Fasitigiata' (*Prunus sp.*)	Tree	7	12	1.5	Mature	10+ Years		Cavities in trunk. Dead/Missing bark on trunk. Leaning trunk.	Fair	3 Years	No action required.	Moderate
T299	Cypress species 'Fasitigiata' (*Cupressocyparis sp.*)	Tree	6	15	1	Early Mature	30+ Years	Target - building Target - footpath		Good	3 Years	No action required.	Low
T300	Poplar, Black Hybrid (*Populus x canadensis*)	Pollard	20	60	6	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Lost limbs at previous Pollard point. Typical form for species	Fair	3 Years	Re Pollard or fell Timescale: 1 Year	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T301	Holly, Common (*Ilex aquifolium*)	Tree 2 stems	9	50	4	Mature	30+ Years	Roadside tree. Target - car park Target - footpath Target - road	Codominant stems. Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Moderate
T302	Poplar, Black Hybrid (*Populus x canadensis*)	Pollard	20	60	6	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Former pollard, Cavities in branch at Pollard point Weak attachements	Poor	3 Years	Re Pollard or fell Timescale: 6 Months	Moderate
T303	Laburnum (*Laburnum sp.*)	Tree	5	15	2	Mature	10+ Years	Roadside tree. Target - footpath Target - road	Leaning trunk.	Fair	3 Years	No action required.	Low
T304	Poplar, Black Hybrid (*Populus x canadensis*)	Pollard	20	60	7	Mature	20+ Years	Target - car park Target - footpath Target - road	Former pollard, similar to others, unions appear strong	Fair	3 Years	Re pollard or fell Timescale: 2 Years	Moderate
T305	Ash, Common (*Fraxinus excelsior*)	Tree	20	50	7	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Dead branch(es).	Fair	3 Years	Deadwood over road and path Timescale: 6 Months	Moderate
T305	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	20	60	7	Mature	20+ Years	Target - car park Target - footpath Target - road Target - building Target - dwelling	Former pollard, similar to others, unions appear strong	Fair	3 Years	Re pollard or fell Timescale: 2 Years	Moderate
T306	Holly, Common (*Ilex aquifolium*)	Tree	6	16	2.5	Mature	30+ Years		Dead/Missing bark on trunk.	Fair	3 Years	No action required.	Low
T306	Ash, Common (*Fraxinus excelsior*)	Tree	20	50	7	Mature	20+ Years	Roadside tree. Target - building Target - dwelling Target - footpath Target - road	Touching building	Fair	3 Years	Prune back from building Timescale: 6 Months	Moderate
T306	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	20	60	7	Mature	20+ Years	Target - car park Target - footpath Target - road Target - building Target - dwelling	Former pollard, cavity in rear of major stem	Fair	3 Years	Re pollard or fell Timescale: 6 Months	Moderate
T307	Sycamore (*Acer pseudoplatanus*)	Tree	15	20	6	Mature	20+ Years	Roadside tree. Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T307	Poplar, Black Hybrid (*Populus x canadensis*)	Tree	20	60	7	Mature	20+ Years	Target - car park Target - footpath Target - road Target - building Target - dwelling	Former pollard, cavity in rear of major stem	Fair	3 Years	Re pollard or fell Timescale: 6 Months	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T308	Mixed species	Group 7 stems	4	10	1	Early Mature	20+ Years		Mix of ornamental conifers in a border	Fair	3 Years	No action required. Timescale: 3 Years	Low
T309	Holly, Common *'Variegata' (Ilex aquifolium*)	Tree	8	20	2	Mature	30+ Years	Roadside tree. Target # - building Target # - footpath Target # - road	Low branches (3m) obstruct pedestrian access.	Fair	3 Years	Crown lift to 3 m for pedestrian clearance. Timescale: 6 Months	Moderate
T310	Sycamore (*Acer pseudoplatanus*)	Tree	15	28	3	Early Mature	20+ Years	Roadside tree. Target # - footpath Target # - road		Fair	3 Years	No action required.	Moderate
T311	Plane, London (*Platanus x hispanica*)	Tree	15	30	3	Early Mature	30+ Years	Roadside tree. Target - footpath Target - road	Unbalanced crown. Lost branch/snag 4m	Fair	3 Years	Pollard at 5m Timescale: 2 Years	Moderate
T312	Ash, Common (*Fraxinus excelsior*)	Tree	20	50	6	Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road	Dead branch(es). Cavities in trunk. Dead/Missing bark on trunk.	Fair	3 Years	Remove deadwood - greater than 25 mm Timescale: 1 Year	Moderate
T313	Ash, Common (*Fraxinus excelsior*)	Tree 2 stems	10	20	3	Semi Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road			3 Years	No action required.	Moderate
T314	Lime, European (*Tilia x europaea*)	Tree	17	40	5	Mature	20+ Years	Target - building Target - car park Target - footpath Target - road	Covering street light	Fair	3 Years	Clear street light Timescale: 6 Months	Moderate
T315	Chestnut, Horse (*Aesculus hippocastanum*)	Tree	15	35	4	Over Mature	<10 years	Target - car park Target - footpath Target - road	Major crown die back, partially dead over car park	Poor	3 Years	Tree removal. Timescale: 1 Year	Moderate
T316	Ash, Common (*Fraxinus excelsior*)	Pollard	20	40	5	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T317	Sycamore (*Acer pseudoplatanus*)	Tree	18	40	5	Mature	20+ Years	Target - footpath Target - road	Unbalanced crown. Dead/Missing bark on branch(es).	Fair	1 Year	No action required.	Moderate
T318	Poplar, Black Hybrid (*Populus x canadensis*)	Pollard	20	60	7	Mature	20+ Years	Target - car park Target - footpath Target - road	Former pollard, unions appear strong	Fair	3 Years	Fell or re pollard Timescale: 2 Years	Moderate
T319	Poplar, Black Hybrid (*Populus x canadensis*)	Pollard	18	40	6	Mature	20+ Years	Target - car park Target - footpath Target - road	Former pollard, very unbalanced, lean towards road, weakness in Pollard union	Poor	3 Years	Re pollard or fell Timescale: 6 Months	Moderate

Tree No	Species	Stc.	Ht (m)	Stem Diam @ 1.5m (cm)	Canopy (m)	Lifestage	Life expectancy	Description	Survey notes	Condition	Re inspect	Recommendation	Residual
T320	Ash, Common (*Fraxinus excelsior*)	Tree	17	40	6	Mature	20+ Years	Target - car park Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T321	Birch, Silver (*Betula pendula*)	Tree	15	22	4	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road	Minor storm damage in crown	Fair	3 Years	No action required.	Moderate
T322	Birch, Silver (*Betula pendula*)	Tree	15	22	4	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T323	Birch, Silver (*Betula pendula*)	Tree	14	22	2	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road		Fair	3 Years	No action required.	Moderate
T324	Birch, Silver (*Betula pendula*)	Tree	13	20	2	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road	Cavities in branch. Damaged branch(es). Cavities in trunk.	Poor	3 Years	No action required. Tree removal. Timescale: 1 Year	Moderate
T324	Birch, Silver (*Betula pendula*)	Tree	12	20	2	Early Mature	20+ Years	Roadside tree. Target - building Target - footpath Target - road	Cavities in branch. Cavities in trunk.	Poor	3 Years	No action required. Tree removal. Timescale: 1 Year	Moderate
T325	Birch, Silver (*Betula pendula*)	Tree	10	25	3	Early Mature	20+ Years	Roadside tree. Target - footpath Target - road, security fence		Good	3 Years	No action required.	Moderate
T326	Whitebeam (*Sorbus aria*)	Tree	4	5	1	Young	30+ Years	Roadside tree.		Good	3 Years	No action required.	Low
T327	Beech, Common (*Fagus sylvatica*)	Tree	4	5	1	Young	30+ Years			Good	3 Years	No action required.	Low
T328	Rowan (*Sorbus aucuparia*)	Tree	4	5	1	Young	20+ Years	Target - car park		Fair	3 Years	No action required.	Low
T329	Sycamore (*Acer pseudoplatanus*)	Tree	14	30	5	Mature	20+ Years	Roadside tree. Target - car park Target - footpath Target - road	Dead/Missing bark on trunk. Damaged roots. Upper crown missing or unbalanced	Fair	1 Year	Remove top 3m of crown back into healthy crown spread Timescale: 1 Year	Moderate

Table 2- Summary of Work Recommendations

Tree No	Species	Recommendation	Timescale	Work due
T251	Hawthorn, Common (Crataegus monogyna)	Tree removal.	6 Months	12-Mar-2018
T266	Ash, Common (Fraxinus excelsior)	Reduce branch over gardens by 4m from tips	6 Months	12-Mar-2018
T272	Plane, London (Platanus x hispanica)	Sever ivy at base.	6 Months	12-Mar-2018
T286	Apple 'Ornamental' (Malus sp.)	Crown lift to 3 m for pedestrian clearance.	6 Months	12-Mar-2018
T288	Whitebeam (Sorbus aria)	Crown lift to 3 m for pedestrian clearance.	6 Months	12-Mar-2018
T291	Apple 'Ornamental' (Malus sp.)	Crown lift to 3 m for pedestrian clearance.	6 Months	12-Mar-2018
T302	Poplar, Black Hybrid (Populus x canadensis)	Re Pollard or fell	6 Months	12-Mar-2018
T305	Ash, Common (Fraxinus excelsior)	Deadwood over road and path	6 Months	12-Mar-2018
T306	Poplar, Black Hybrid (Populus x canadensis)	Re pollard or fell	6 Months	12-Mar-2018
T306	Ash, Common (Fraxinus excelsior)	Prune back from building	6 Months	12-Mar-2018
T307	Poplar, Black Hybrid (Populus x canadensis)	Re pollard or fell	6 Months	12-Mar-2018
T309	Holly, Common 'Variegata' (Ilex aquifolium)	Crown lift to 3 m for pedestrian clearance.	6 Months	12-Mar-2018
T314	Lime, European (Tilia x europaea)	Clear street light	6 Months	12-Mar-2018
T319	Poplar, Black Hybrid (Populus x canadensis)	Re pollard or fell	6 Months	12-Mar-2018
T223	Willow, Weeping (Salix babylonica)	Crown lift to 3 m for pedestrian clearance on fp .	1 Year	12-Sep-2018
T225	Birch (Betula sp.)	Remove hanging snag in crown	1 Year	12-Sep-2018
T226	Ash, Common (Fraxinus excelsior)	Urban prune	1 Year	12-Sep-2018
T243	Sycamore (Acer pseudoplatanus)	Shorten 2 lower branches over cp by 2m	1 Year	12-Sep-2018
T252	Maple, Field (Acer campestre)	Prune back from building	1 Year	12-Sep-2018
T268	Poplar, Black Hybrid (Populus x canadensis)	Pollard to 8m or remove	1 Year	12-Sep-2018

Tree No	Species	Recommendation	Timescale	Work due
T274	Ash, Common (Fraxinus excelsior)	Reduce crown by 1.5m all over	1 Year	12-Sep-2018
T293	Poplar, Lombardy (Populus nigra italica)	Tree removal.	1 Year	12-Sep-2018
T294	Poplar, Lombardy (Populus nigra italica)	Tree removal.	1 Year	12-Sep-2018
T295	Poplar, Lombardy (Populus nigra italica)	Tree removal. Remove at same time as other 2 in group	1 Year	12-Sep-2018
T296	Cherry, wild (Prunus avium)	Prune back from building	1 Year	12-Sep-2018
T300	Poplar, Black Hybrid (Populus x canadensis)	Re Pollard or fell	1 Year	12-Sep-2018
T312	Ash, Common (Fraxinus excelsior)	Remove deadwood - greater than 25 mm	1 Year	12-Sep-2018
T315	Chestnut, Horse (Aesculus hippocastanum)	Tree removal.	1 Year	12-Sep-2018
T329	Sycamore (Acer pseudoplatanus)	Remove top 3m of crown back into healthy crown spread	1 Year	12-Sep-2018
T256	Ash, Common (Fraxinus excelsior)	Monitor for decline, consider removal	2 Years	12-Sep-2019
T304	Poplar, Black Hybrid (Populus x canadensis)	Re pollard or fell	2 Years	12-Sep-2019
T305	Poplar, Black Hybrid (Populus x canadensis)	Re pollard or fell	2 Years	12-Sep-2019
T311	Plane, London (Platanus x hispanica)	Pollard at 5m	2 Years	12-Sep-2019
T318	Poplar, Black Hybrid (Populus x canadensis)	Fell or re pollard	2 Years	12-Sep-2019
T220	Ash, Common (Fraxinus excelsior)	Tree removal.	3 Years	12-Sep-2020
T229	Ash, Common (Fraxinus excelsior)	Tree removal treat stumps	3 Years	12-Sep-2020
T264	Ash, Common (Fraxinus excelsior)	Tree removal.	3 Years	12-Sep-2020
T297	Cherry (Prunus sp.)	Tree removal.	3 Years	12-Sep-2020

Appendix 3 – Duty of Care Tree Condition Survey Plan.



GENERAL NOTES - Duty of Care Tree Condition Survey

- Drawing for tree location purposes only
- Refer to arboricultural report produced by ECUS Ltd titled 10298 Kendray Hospital, Barnsley.
- Tree locations are estimated on site and are indicative only.
- Do not to scale.
- Report any discrepancies and omissions to Ecus Ltd.
- This drawing is Copyright.

KEY

Trunk location approximated by ECUS

Surveyed tree canopy based on average crown radius

Tree requiring immediate action

The original version of this drawing was produced in colour. Monochrome copies should not be relied upon.

N

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Job
10298 Kendray Hospital, Barnsley

Title
Figure 2
Duty of Care Tree Condition Survey

By	Date		Drg. no.
PS	**Sep 2017**	**Not to Scale**	**10298-ARB-01**