

Independent Tree Surveys Ltd

Tree Survey Report Hollystown Kilmartin SHD (Sites 2 &3 and Kilmartin LC) Dublin

December 2021

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1.0 Introduction

The proposed development relates to a site of c. 25.3 ha at the townlands of Hollystown, Kilmartin, Hollywoodrath, Cruiserath, Yellow Walls, Powerstown, and Tyrrelstown, Dublin 15, which includes lands in the former Hollystown Golf Course and lands identified under the Kilmartin Local Area Plan 2013 (as extended). The lands are bound by the R121 and Hollywoodrath residential development to the east, the under construction Bellingsmore residential development to the south and north, the former Hollystown Golf Course to the north, Tyrrellstown Educate Together National School, St. Luke's National School and Tyrellston Community Centre to the west and south and the existing Tyrrellstown Local Centre to the south. There are numerous trees and hedges on the site and so this report has been prepared to provide an arboricultural assessment of the trees to input into the design and layout of the project and to form part of the planning package for the project.

2.0 Instruction

To carry out a Tree Survey and prepare an Arboricultural Impact Assessment, Method Statement and Tree Protection Plan in accordance with BS5837: *Trees in relation to design, demolition and construction (2012)* of the significant trees on the land proposed for development on and adjacent to the former Hollystown Golf Club and Kilmartin Local Centre, Dublin.

3.0 Report Limitations

- The inspection has been carried out from ground level using visual observation methods only.
- Trees are living organisms whose health and condition can change rapidly. Trees should be checked on a regular basis, preferably once a year. The conclusions and recommendations of this report are valid for one year.
- The fruiting bodies of some important species of decay fungi only emerge at certain times of the year and may not have been visible during this inspection.
- There is no such thing as a 100% safe tree in all conditions, since even perfectly healthy trees may fall or suffer branch break.
- Climbing plants and dense undergrowth can obscure structural defects and some symptoms of disease, where such plants prevent a thorough examination it is recommended that the vegetation be cleared and the tree re-inspected.
- The survey has been prepared for planning purposes only and is not intended to be, nor should it be used as a substitute for a thorough and more detailed tree safety and condition survey.
- Some of the trees included in the survey were not plotted by topographic survey methods and their location on the drawings should be regarded as indicative.

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December 14th 2021

4.0 Survey Methodology

The significant individual trees inside the site were assessed from ground level using Visual Tree Assessment (VTA) techniques and relevant observations and findings were recorded in compliance with the industry standard document BS5837: *Trees in relation to design, demolition and construction (2012)*.

4.1 Survey Key

Tree Numbers

Individual trees around the site were tagged with numbered tree tags, groups and hedges were allocated numbers. A small number of trees included in the schedule were not tagged but were allocated numbers. These numbers identify the trees and tree groups in the survey schedule and on the supporting survey drawings.

Tree Species

Common and botanical names of the tree species were recorded.

Tree Crown Dimensions

Tree height (Ht), crown clearance (Cl) and crown-spread (NESW cardinal points) measurements are in metres and are estimated.

Stem Diameter (Dbh)

Measurements are in millimetres and taken at 1.5m from ground level, multiple stems (St) are recorded as a function of the BS:5837 RPA formulae described below.

Tree age classes

Age classes were recorded as:

Y	Young	Recently planted (with 5 years or so)
SM	Semi-Mature	Well established young tree
EM	Early Mature	Established tree not yet fully grown
M	Mature	Full or near full grown tree
LM	Late Mature	Older specimen in full maturity
OM	Over Mature	Reached full maturity now declining through natural causes
Vet	Veteran	Notable due to large size, old age, ecological importance

Tree Physiological and Structural condition

Tree condition was graded as

Good:	No obvious defects visible, vigour and form of tree good.
Fair:	Tree in average condition for its age and the environment.
Poor:	Tree shows signs of ill health/structural defect
Bad:	Tree in seriously bad health/major structural problem

Work Recommendations

Preliminary management recommendations are made where necessary and pertain to current site conditions unless otherwise stated.

Estimated Remaining Contribution (ERC)

The approximate number of years that a tree should continue to live and contribute amenity, conservation or landscape value to the site under current site conditions.

4.2 Tree Retention Category (Cat) (BS5837: 2012 Trees in relation to design, demolition and construction – Recommendations)

The tree retention category system grades a tree's suitability for retention within a development:

- A** Indicates a tree of high quality and value. These are trees that are particularly good examples of their species, which also provide landscape value. These trees are in such a condition as to be able to make a substantial contribution. (A minimum of 40 years is suggested)
- B** Indicates a tree of moderate quality and value. Trees that might be included in the high category, but are downgraded because of impaired condition. These trees are in such a condition as to make a significant contribution. (A minimum of 20 years is suggested)
- C** Indicates a tree of low quality and value - trees with an estimated remaining life expectancy of at least 10 years, or trees with a stem diameter of below 150mm and/or <10m in height.
- U** Trees that are in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.

Sub Categories

Tree categories may be further categorised using the following sub-categories (e.g. C1, C2 or C3) - 1 mainly Arboricultural qualities, 2 mainly landscape qualities, 3 mainly cultural values.

4.3 Root Protection Area

The Root Protection Area (RPA) is the minimum area around individual trees to be protected from disturbance during construction works; RPA is recorded as a radius in metres measured from the tree stem and is shown on the tree survey/constraints drawing as a circle with the tree stem in the centre.

For single stem trees, the root protection area (RPA) should be calculated as an area equivalent to a circle with a radius 12 times the stem diameter.

For trees with more than one stem, one of the two calculation methods below should be used.

The calculated RPA for each tree should be capped to 707 m².

a) For trees with two to five stems, the combined stem diameter should be calculated as follows:

$$\sqrt{((\text{stem diameter } 1)^2 + (\text{stem diameter } 2)^2 \dots + (\text{stem diameter } 5)^2)}$$

b) For trees with more than five stems, the combined stem diameter should be calculated as follows:

$$\sqrt{((\text{mean stem diameter})^2 \times \text{number of stems})}$$

5.0 Findings

5.1 Hollystown

The trees were assessed during a series of site visits in March and April 2021; the field data for the trees is contained in the accompanying Tree Survey Schedule. Approximate tree location, BS5837 category, RPA and approximate crown shape are shown on the Tree Survey Drawing 21064_TS.

The tree population of the survey area included a range of tree that can be grouped into several broad groups based on their species composition, age class, location and history. The main tree types present are young plantation forest, young golf course landscape planting, and remnant sections of old hedgerow (now fragmented).

The areas of plantation forest within the survey area are similar in composition and structure, with a range of broadleaves (Oak, Ash, Beech) and conifers (Larch, Douglas Fir, Scots Pine) making up the species mix. The plantations are relatively young and have yet to be subject to any thinning operations to re-space the stem; as a consequence, they are now quite over-stocked. Plantation health is reasonably good, with the number of dead and poor quality stems being acceptable at this stage; they would however benefit from selective thinning works in the next few years. Because of the size, age and condition of the plantations they are of comparatively low arboricultural value at present; this value would improve given good management and sufficient time.

Many younger trees have been planted into the golf course as part of the landscape plan for the club; a range of species have been planted, with Lime, Ash, Maple, Birch, Cherry and *Sorbus spp.* the most numerous. The trees range in condition, with many having become well established and growing well, however many others are showing signs of low vitality; probably due to the difficult growing conditions close to the intensively managed fairways where soil compaction, mower damage, herbicide use and competition from the grass sward can impede growth and development.

The other main tree group represented in the survey area are the individuals and small groups of trees that are the remnants of more continuous linear groups or hedges that have been modified and fragmented as the golf course has been developed. These trees are mostly mature Ash trees of moderate size and smaller Hawthorn bushes; many of the trees are located along the banks of old drainage ditches. Many of these trees are now in poor condition as a result of old age, previous soil disturbance, storm damage, lack of management and disease (Ash Dieback disease in particular). The majority of the mature Ash trees along hedges H3, H4, H5, H6 and H7 are now in serious decline and would be unsuited for retention within a new layout. The hedgerow understoreys are also suffering from decline and disease and require significant re-enforcement planting with new hedging plants and active management if they are to survive as landscape features.

5.2 Kilmartin

The Kilmartin site is located to the south of Bellingsmore residential development, to the east of Tyrrelstown Educate Together National School, St.Luke's National School and Tyrrelstown Community Centre, to the north of the existing Tyrrelstown Local Centre, and to the west of the R121. The lands are mostly disused open ground devoid of significant woody vegetation.

A section of remnant hedge (H1) is located along a ditch in the southeast of the site; this hedge includes trees labelled T1-T5. Hedge H2 extends along the western boundary between the site and neighbouring housing estate. Tree group G1 is outside the site limits but was included in the schedule because some of the trees may have some root spread into the site.

Tree group G3 is located to the north of the site boundary, along the drainage ditch between the open ground and new school. Tree groups G4 and G5 are new planting associated with the new school development. Hedge H3 is another remnant length of agricultural hedgerow running along the eastern boundary area of the site.

The trees assessed were all of relatively low value, with several within the site being in very poor condition; this reflects the lack of management of the trees and lands over past years and previous ground/soil disturbance. The hedge (H2) to the west of the site does provide a good landscape screen between the site and adjacent housing estate and provide some shelter and conservation value to the site.

The cluster of trees to the northwest (tree group G3) also provide some screening between the site and new school.

6.0 Preliminary Management Recommendations

Preliminary management recommendations for the trees assessed are listed in the tree survey schedule in the appendices; these pertain to *current* site conditions unless otherwise stated.

All tree work should be carried out by qualified and experienced tree surgeons and should be in accordance with *BS3998 (2010) Tree Work – Recommendations*.

7.0 Arboricultural Impact of the New Development

The development will see significant land use change on the site as parts of the former golf course and adjacent derelict lands are developed for residential housing and the associated amenity and transport infrastructure. This land use change will inevitably result in the removal of a substantial number of the existing trees across the site, in particular across the parts of the site that will occupy lands formerly used for the golf course. The planting patterns and layout of the treescape across the old golf course do not lend themselves well to integration with the type of layout required for efficient residential housing design, and as a consequence, many of the young landscape trees will need to be removed to make way for the new layout, to be replaced by fresh planting to compliment the new development.

The western part of the new development is located on former agricultural lands that have been heavily degraded following the cessation of farming activity. The old field boundary hedges are in mostly poor condition, with many of the emergent stems being Ash (*Fraxinus excelsior*) in serious decline as a result of decay and disease. These hedges will have to be managed more actively over the coming years, but in the meantime, they require significant tree removal works where the older (mostly) Ash trees have become unsuitable for retention.

The development of the Kilmartin lands between the school and existing shopping centre will have no significant negative impact on the already limited tree stock on the site. No individual trees will be removed and the boundary hedge H3 to the east will be largely retained.

The route of the proposed new foul water pipeline will run through hedges H8, H11, H16 and H17; a narrow section of each hedge will have to be cut back to facilitate this work. The gaps can be readily restored with new planting. The excavations required for the connection of the pipeline to the south of Powerstown Road has potential to impact on the adjacent mature trees and will require considerable care to ensure any impact is minimised.

The development will require that a considerable number of trees are removed in the enabling and site clearance phases of the project, however, the vast bulk of these trees are of comparatively low value as individuals and their removal will be largely mitigated by new planting within the new landscape plan. The trees earmarked for removal and those hedges, plantation areas and groups that will sustain some tree removal are listed in the tree removal schedule and are shown highlighted in red on the Tree Protection Plan 21064_TPP.

8.0 Arboricultural Method Statement

8.1 Tree Work Operations

All of the trees listed in the tree removal schedule and indicated on the Protection Plan drawing 21064_TPP will be felled to stump and the stumps removed. Trees adjacent to those being retained will be felled by professional tree contractors working to *BS3998 (2010) Tree Work – Recommendations*, those set within the footprint of the development will be felled by tree contractors or by machine. The stumps of trees felled adjacent to retained trees will be removed by stump grinder rather than removed by excavator.

Wood will be processed into firewood or pulpwood and removed, brash will be chipped for recycling on-site.

8.2 Tree Protection Measures

Sturdy tree protection fencing (see figure 1 below) or suitable site hoarding will be erected along the lines shown on the Tree Protection Plan Drawing 21064_TPP to prevent construction work encroaching into the root protection areas of the trees to be retained. The tree protection measures will be put in place *before* the initial ground works or construction work commences and should remain in place until their removal or re-location during the project is authorised by a qualified arborist. The areas subject to hard and soft landscaping to the north east of the site will be carefully managed as the works progress beyond the main construction phase to ensure temporary fencing and ground protection systems are moved into place around each group of trees and woodland areas, whilst allowing access into the root zones of the trees to facilitate the path building etc. These protection systems will be overseen by a qualified arborist.

All new underground services such as water, foul water and electricity will be routed away from the RPAs of trees to be retained; where this is not practical the services will be installed under any significant tree roots into trenches excavated by compressed air lance (*Airspade*) or other approved tree root friendly system such as Air-Vacuum truck, Mole drilling etc. This should include the works required to facilitate the connection of the new foul water pipe across Powerstown Road.

All exposed roots and/or soil profiles containing roots of trees to be retained will be kept damp in dry conditions by regular watering and be covered with a double layer of hessian fabric to prevent desiccation. Backfill should be of good quality topsoil, structural soil or clean sand.

Where machinery or construction works have to access ground inside the RPAs of the trees to be retained for unavoidable reasons; suitable ground protection will be put in place to prevent any significant soil compaction or root damage near the trees; this should take the form of suitable strength ground protection mats or cellular confinement system capable of supporting the appropriate weight.

All site offices, materials storage, staff parking etc. will be located outside of the RPAs of the trees.

The tree protection measures and specialist work methods will be overseen and directed on-site by a dedicated site arborist. The arborist should also make regular visits to the site during the construction process to ensure compliance and be available to provide advice and guidance where necessary.

9.0 Appendices

Tree Protection on Construction Sites – General Recommendations

Tree Survey Schedule

Tree Removal Schedule

Tree Survey Drawing 21064_TS (Tree Constraints Plan)

Tree Protection Drawing 21064_TPP

Tree Protection on Construction Sites – General Recommendations

Trees being retained should be protected from unnecessary damage during the construction process by effective construction-proof barriers that will define the limits for machinery drivers and other construction staff. Ground protected by the fencing will be known as the Construction Exclusion Zone (CEZ). Sturdy protective fencing will be erected along the points identified in the Tree Protection Plan **prior** to any soil disturbance and excavation work starting; this is essential to prevent any root or branch damage to the retained trees. The British Standard BS5837: *Trees in relation to design, demolition and construction (2012)* specifies appropriate fencing; see figure 1 below.

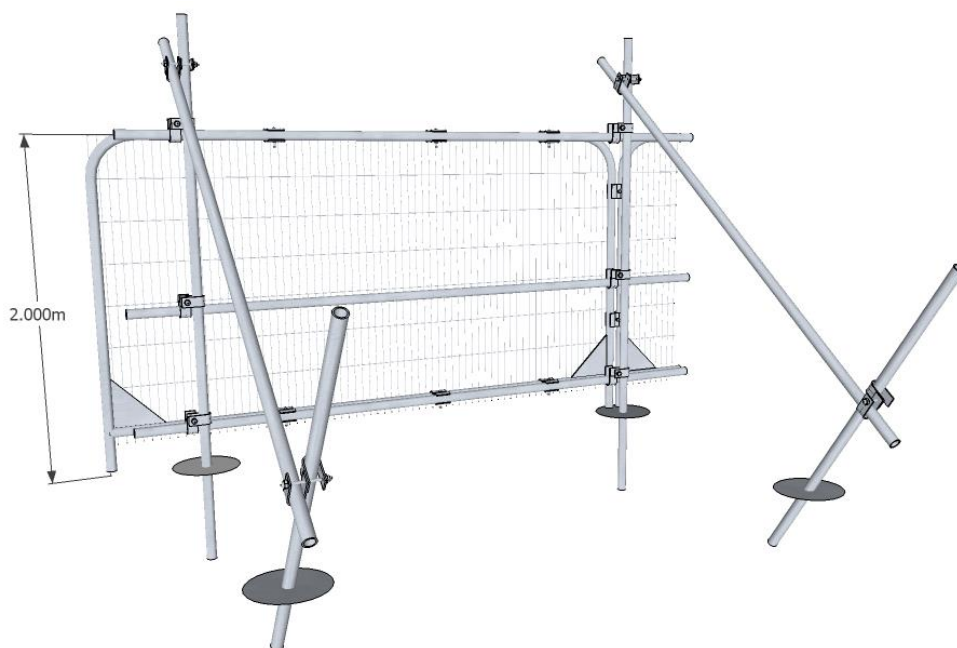


Figure 1. Protective fence specification

For light access works within the CEZ the installation of suitable ground protection in the form of scaffold boards, woodchip mulch or specialist ground protection mats/plates may be acceptable.

All weather notices will be erected on the fence with words such as: "Tree Protection Fence — Keep Out". When the fencing has been erected, the construction work can commence. The fencing will be inspected on a regular basis during the duration of the construction process and shall remain in place until heavy building and landscaping work has finished and its removal is authorised by a qualified arborist.

Trench digging or other excavation works for services etc. will not be permitted in the CEZ unless approved and supervised by a qualified arborist using methods outlined in BS5837: *Trees in relation to design, demolition and construction (2012)*.

Care will be taken when planning site operations to ensure that wide or tall loads or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact can result in serious damage to them and might make their safe retention impossible.

Materials, which can contaminate the soil, e.g. concrete mixings, diesel oil and vehicle washings, will not be discharged within 10 m of a tree stem.

Fires will not be lit in a position where their flames can extend to within 5 m of foliage, branches or trunk. This will depend on the size of the fire and the wind direction.

Notice boards, wires and such like will not be attached to any trees. Site offices, materials storage and contractor parking will all be outside the CEZ.

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	2648	Tilia cordata (Small-leaved Lime)	EM	10.5	450	1	2	4.5	5	5	5	20+	Fair	Fair. Some damage to surface roots. Some bark wounds to stem base. Some potentially weak unions in crown structure.	Monitor tree condition.	5.4	B2
T	2649	Tilia cordata (Small-leaved Lime)	SM	11	350	1	1.5	4	4	2.5	3.5	10+	Fair	Fair/Poor. Some damage to surface roots. Possible root girdling. Compression fork on main stem.	Monitor tree condition.	4.2	C2
T	2650	Tilia cordata (Small-leaved Lime)	EM	10	350	1	1.5	4	5	5	4	10+	Fair	Fair/Poor. Some potentially weak unions in crown structure.	Monitor tree condition.	4.2	C2
T	2651	Tilia cordata (Small-leaved Lime)	EM	10.5	350	1	2	6	4	4.5	4.5	20+	Good	Fair. Some potentially weak unions in crown structure.	Monitor tree condition.	4.2	B2
T	2652	Tilia cordata (Small-leaved Lime)	EM	10	350	1	2	6	6	5	4	20+	Fair	Fair. Some damage to surface roots. Some potentially weak unions in crown structure.	Monitor tree condition.	4.2	B2
T	2653	Tilia cordata (Small-leaved Lime)	EM	9	330	1	2	4.5	4	5	4	10+	Good	Fair/Poor. Compression fork on main stem at 2m.	Monitor tree condition.	3.96	C2
T	2654	Tilia cordata (Small-leaved Lime)	EM	10	400	1	2	5	5	5	4	20+	Good	Fair. Some damage to surface roots. Some potentially weak unions in crown structure.	Monitor tree condition.	4.8	B2
T	2655	Tilia cordata (Small-leaved Lime)	EM	10	370	1	1.5	6	5	6	4.5	20+	Good	Fair. Some damage to surface roots. Large surface roots. Some potentially weak unions in crown structure.	No urgent works needed. Monitor tree condition.	4.44	B2
T	2656	Tilia cordata (Small-leaved Lime)	EM	8	350	1	2	5	4	5	4	10+	Good	Fair/Poor. Some damage to surface roots. Possible root girdling. Compression fork on main stem at 2m. Some potentially weak unions in crown structure.	Monitor tree condition.	4.2	C2
T	2657	Acer platanoides (Norway Maple)	SM	6	200	1	2	2	2	2	1.5	10+	Fair	Fair. Smaller sized tree. Upright form.	No urgent works needed.	2.4	C2
T	2658	Acer platanoides (Norway Maple)	SM	5.5	200	1	1.5	2.5	2	3	2	10+	Good	Fair/Poor. Compression fork on main stem.	Monitor tree condition.	2.4	C2
T	2659	Acer platanoides (Norway Maple)	SM	5.5	150	1	1.5	3	2	2.5	2	10+	Fair	Fair. Smaller sized tree. Minor deadwood in crown.	No urgent works needed.	1.8	C2
T	2660	Tilia cordata (Small-leaved Lime)	SM	6	250	1	2	3	3	3	3	10+	Fair	Fair. Some previous root damage. Some damage to surface roots. Tree previously transplanted.	No urgent works needed.	3	C2
T	2661	Tilia cordata (Small-leaved Lime)	SM	6	250	1	2	2	2	2.5	2	10+	Poor	Fair. Some damage to surface roots. Possible root girdling. Leaf size small for species. Foliage pale in colour/chlorotic. Tree previously transplanted.	Monitor tree condition.	3	C2

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	2662	Acer platanoides (Norway Maple)	EM	9.5	380	1	0.5	5	5	5	3.5	20+	Good	Fair. Spreading form. Some potentially weak unions in crown structure. Recently topped by ESB.	No urgent works needed.	4.56	C2
T	2663	Acer platanoides (Norway Maple)	SM	10	300	1	1	3	4	3.5	3	10+	Good	Fair. Recently topped by ESB.	No urgent works needed.	3.6	C2
T	2664	Acer platanoides (Norway Maple)	EM	10	350	1	0.5	5	5	5	3	10+	Good	Fair. Some potentially weak unions in crown structure. Previously topped.	No urgent works needed.	4.2	C2
T	2665	Prunus spp. (Cherry)	M	10	350	1	0.5	4	6	5	5	20+	Fair	Fair. Medium sized tree. Scattered minor deadwood. Tree previously transplanted.	No urgent works needed.	4.2	B2
T	2666	Tilia cordata (Small-leaved Lime)	EM	11	380	1	2	4.5	4.5	5	3	20+	Good	Fair. Some damage to surface roots. Some bark wounds to stem base. Some potentially weak unions in crown structure.	Monitor tree condition.	4.56	B2
T	2667	Tilia cordata (Small-leaved Lime)	EM	11.5	450	1	2	5	6	5	5	20+	Fair	Fair. Multiple stems above 1.5m. Some potentially weak unions in crown structure. Broken branches in crown.	Target prune broken/damaged branches. Monitor tree condition.	5.4	B2
T	2668	Betula pendula (Silver Birch)	EM	13	300	1	2.5	4	4	5	3	20+	Fair	Fair. Upright form. Large surface roots.	No urgent works needed.	3.6	B2
T	2669	Salix fragilis (Crack Willow)	EM	8.5	430	2	2.5	6	7	5	3	<10	Poor	Fair. Low vitality. Stem divides below 1.5m. Some potentially weak unions in crown structure. Broken branches in crown. Minor dieback in crown. Slight thinning of upper crown.	Crown reduce. Prune to reduce weight of extended branches.	5.16	C2
T	2670	Sorbus aucuparia (Rowan)	EM	4	150	1	1.5	2	2	2	2	10+	Fair	Fair/Poor. Smaller sized tree. Average shape/form. Wood decay in old wound at stem base.	No urgent works needed. Monitor tree condition.	1.8	C2
T	2671	Sorbus aucuparia (Rowan)	SM	4	120	1	2	1.5	1	1	1	<10	Poor	Bad. Smaller sized tree. Upright form. Significant dieback in crown.	Fell tree.	1.44	U
T	2672	Sorbus aucuparia (Rowan)	EM	4.5	160	1	2	2.5	2.5	2.5	2	10+	Fair	Fair. Smaller sized tree. Good shape/form.	No urgent works needed.	1.92	C2
T	2673	Sorbus aucuparia (Rowan)	M	6	270	1	0	3	3	3	3	20+	Good	Good. Good vitality. Smaller sized tree. Suckers around stem base.	No urgent works needed.	3.24	C2
T	2674	Sorbus aucuparia (Rowan)	EM	5.5	180	1	2	2.5	2.5	1.5	2	10+	Fair	Fair. Low vitality. Some bark wounds to stem base. Some lesions on stem.	Monitor tree condition.	2.16	C2
T	2675	Sorbus aucuparia (Rowan)	EM	4	150	1	1	1.5	2	2	1	10+	Poor	Fair. Low vitality. Smaller sized tree. Some lesions on stem.	Monitor tree condition.	1.8	C2
T	2676	Sorbus aucuparia (Rowan)	EM	5.5	200	1	1.5	2.5	2	2	2	10+	Poor	Fair. Smaller sized tree. Some bark wounds to stem base. Some lesions on stem. Possible bark canker.	Monitor tree condition.	2.4	C2
T	2677	Tilia cordata (Small-leaved Lime)	EM	11	450	1	1	6	5	5	6	20+	Good	Fair. Some bark wounds to stem base. Some potentially weak unions in crown structure.	Monitor tree condition.	5.4	B2

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T	2678	Tilia cordata (Small-leaved Lime)	EM	11	400	1	2	4.5	5	5	4.5	20+	Good	Fair. Some bark wounds to stem base. Some potentially weak unions in crown structure.	No urgent works needed. Monitor tree condition.	4.8	B2
T	2679	Tilia cordata (Small-leaved Lime)	EM	12.5	400	1	1.5	5	5.5	5	4	20+	Good	Fair/Poor. Compression fork on main stem at 2.5m.	Monitor compression fork for signs of cracking.	4.8	B2
T	2680	Alnus glutinosa (Common Alder)	M	9.5	460	1	1	6	6	5	5	20+	Good	Fair. Suckers around stem base. Some lesions on stem.	No urgent works needed.	5.52	B2
T	2681	Acer pseudoplatanus (Sycamore)	EM	9.5	300	1	2	4	3.5	4	4	20+	Fair	Good. Smaller sized tree. Good shape/form.	No urgent works needed.	3.6	B2
T	2682	Betula pendula (Silver Birch)	EM	9.5	300	1	2	4	3.5	4	4	20+	Good	Fair. Good vitality. Initial lean but self corrects to vertical.	No urgent works needed.	3.6	B2
T	2683	Prunus spp. (Cherry)	M	6	320	1	1.5	3.5	4	4	3.5	<10	Poor	Fair. Low vitality. Smaller sized tree. Some bark wounds to stem base. Wood decay in old wound at stem base. Dieback in crown. Minor deadwood in crown. Limited potential.	Monitor tree condition. Consider removal.	3.84	U
T	2684	Salix fragilis (Crack Willow)	M	17.5	550	1	0.5	6	6	5.5	2.5	10+	Fair	Poor. Medium sized tree. Some decay of structural roots. Stem divides above 1.5m. Some bark wounds to stem base. Previously topped. Broken branches hanging in crown.	Re-pollard.	6.6	C2
T	2685	Salix fragilis (Crack Willow)	M	16.5	500	1	1	8	4	4	2	10+	Fair	Fair/Poor. Stem divides above 1.5m. Some bark wounds to stem base. Broken branches in crown from recent storm damage. Previously topped.	Re-pollard.	6	C2
T	2686	Salix fragilis (Crack Willow)	M	14	500	1	0.5	4	6.5	4	3	10+	Fair	Fair/Poor. Poor shape & form. Recently pollarded by ESB.	No urgent works needed.	6	C2
T	2687	Betula pendula (Silver Birch)	M	12	350	1	0.5	6	5	5	5	20+	Fair	Fair. Medium sized tree. Broken branches in crown.	Target prune broken/damaged branches. Crown lift to improve clearance.	4.2	B2
T	2688	Prunus spp. (Cherry)	M	12	400	1	3.5	3.5	5	6	5	20+	Fair	Fair. Stem divides above 1.5m. Minor deadwood in crown.	No urgent works needed.	4.8	B2
T	2689	Prunus spp. (Cherry)	M	12	400	1	0.5	7	6	3	6	20+	Fair	Fair. Minor deadwood in crown.	No urgent works needed.	4.8	B2
T	2690	Sorbus aria (Whitebeam)	EM	7	270	1	0	5	5	4	4	10+	Good	Fair. Smaller sized tree. Some potentially weak unions in crown structure.	No urgent works needed.	3.24	C2
T	2691	Acer pseudoplatanus (Sycamore)	SM	7.5	300	1	0	4	4	4	3	10+	Good	Fair. Smaller sized tree.	No urgent works needed.	3.6	C2

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T	2692	Sorbus aria (Whitebeam)	EM	6	250	1	0	3.5	3	2	2.5	10+	Good	Fair. Smaller sized tree. Some bark wounds to stem base. Some potentially weak unions in crown structure.	No urgent works needed.	3	C2
T	2693	Sorbus aria (Whitebeam)	EM	5	230	1	0	3.5	3.5	2	2	10+	Good	Fair. Smaller sized tree. Old bark wound to stem base.	No urgent works needed.	2.76	C2
T	2694	Sorbus aria (Whitebeam)	EM	5	250	1	0	4	5	5	4	10+	Good	Fair. Smaller sized tree. Some rubbing branches	No urgent works needed.	3	C2
T	2695	Aesculus hippocastanum (Horse Chestnut)	EM	10	450	1	0.5	5	5	5	5	10+	Poor	Fair/Poor. Suspected canker on branches and stem. Weak union on east side at 2.5m.	Monitor tree condition. Prune to reduce leverage on weak fork.	5.4	C2
T	2696	Prunus spp. (Cherry)	M	12	450	1	0	6	7	5.5	5	20+	Fair	Fair. Medium sized tree.	No urgent works needed.	5.4	B2
T	2697	Prunus spp. (Cherry)	M	12	450	1	0	5	7	6	5.5	20+	Fair	Fair. Medium sized tree. Spreading form.	No urgent works needed.	5.4	B2
T	2698	Prunus spp. (Flowering Cherry)	M	4	400	1	1	4.5	4	3.5	5	20+	Good	Fair. Smaller sized tree. Spreading form. Suckers around stem base.		4.8	B2
T	2699	Prunus spp. (Flowering Cherry)	M	4	461	2	0	4.5	7	4.5	5	20+	Good	Fair. Smaller sized tree. Spreading form.	No urgent works needed.	5.53	B2
T	2700	Prunus spp. (Flowering Cherry)	M	4	350	1	0.5	5	4	4	5	20+	Good	Fair. Smaller sized tree. Spreading form. Suckers around stem base. Old pruning wound on stem at 1m and broken branch.	Target prune broken/damaged branches.	4.2	C2
T	2701	Fraxinus excelsior (Ash)	Y	6	150	1	1	2	2	2	2	10	Fair/Poor	Good. Smaller sized tree. Good shape/form. Epicormic growth in crown.	Monitor condition.	1.8	C2
T	2702	Acer platanoides (Norway Maple)	SM	6	200	1	2	2	2.5	3	2	10+	Good	Fair. Some potentially weak unions in crown structure.	No urgent works needed.	2.4	C2
T	2703	Carpinus betulus (Hornbeam)	SM	5	250	1	0	3.5	3	3	3	10+	Good	Fair. Smaller sized tree. Some damage to surface roots.	No urgent works needed.	3	C2
T	2704	Quercus robur (Common Oak)	Y	7	180	1	1.5	2	3	2	1.5	<10	Poor	Poor. Some decay of exposed and damaged roots. Wood decay in old wound at stem base. Initial lean but self corrects to vertical.	Monitor tree condition. I would recommend removal and replacement.	2.16	U
T	2705	Aesculus hippocastanum (Horse Chestnut)	Y	4.5	200	1	1.5	2.5	2	2	2	10+	Fair	Fair. Smaller sized tree. Good shape/form. Some damage to surface roots. Possible root girdling. Some bark wounds to stem base.	No urgent works needed.	2.4	C2
T	2706	Betula pendula (Silver Birch)	EM	12	300	1	0.5	3	3	3	3.5	20+	Fair	Fair. Some damage to surface roots.	No urgent works needed.	3.6	B2

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T	2707	Acer platanoides (Norway Maple)	Y	5	150	1	2	2	2	1	1	<10	Poor	Fair. Low vitality. Some damage to surface roots. Some bark wounds to stem base. Sparse crown.	Monitor tree condition. I would recommend removal and replacement.	1.8	U
T	2708	Quercus robur (Common Oak)	SM	10	310	1	1	4.5	4	3.5	3.5	10+	Fair	Good. Good shape/form.	No urgent works needed.	3.72	B2
T	2709	Acer platanoides (Norway Maple)	Y	5	150	1	2	2	2	2	2	10+	Fair	Fair/Poor. Compression fork on main stem. Some potentially weak unions in crown structure.	Monitor tree condition.	1.8	C2
T	2711	Acer platanoides (Norway Maple)	SM	7	210	1	1.5	3	3	2	3	10+	Good	Fair. Some damage to surface roots. Small decay pocket at stem base.	No urgent works needed.	2.52	C2
T	2712	Fraxinus excelsior (Ash)	M	20	700	1	2	4	7	9	7	10	Fair/Poor	Fair/Poor. Fair vitality. Large specimen tree. Suckers around stem base. Unbalanced crown shape. Historic storm damage. Some long extended limbs. <i>Inonotus hispidus</i> bracket present on scaffold limb. Epicormic growth in crown.	Crown clean and crown reduce. Prune to reduce weight of extended branches. Monitor tree condition.	8.4	C2
T	2713	Fraxinus excelsior (Ash)	M	18	800	1	0	7	5.5	11	5	10	Fair/Poor	Fair/Poor. Large specimen tree. Some decay of structural roots. Some old wounds on stem. Major deadwood in crown. Some long extended limbs. Epicormic growth in crown.	Crown clean and crown reduce. Prune to reduce weight of extended branches. Monitor tree condition.	9.6	C2
T	2714	Fraxinus excelsior (Ash)	OM	6	850	1	0	4	2.5	2	3	10+	Fair	Poor. Some decay of structural roots. Significant basal decay. Old stump with young regrowth developing.	Retain for biodiversity, maintain as small tree by re-cutting.	10.2	C2
T	2715	Fraxinus excelsior (Ash)	OM	18	1000	1	1	7.5	8	9.5	8	<10	Poor	Poor. Fair vitality. Large specimen tree that has suffered loss of main leader from 9m and more recent loss of big limb from remaining scaffold at 8m.	Carry out major crown reduction. Monitor tree condition. Consider removal.	12	U
T	2716	Fraxinus excelsior (Ash)	M	18	1100	1	1	9.5	9.5	5	6	<10	Poor	Fair/Poor. Leaning North-East. Some decay of structural roots. Numerous decay cavities on branches in crown and at 12m on main leader.	Crown reduce by 2-3m. Prune to reduce weight of extended branches.	13.2	U
T	2717	Acer platanoides (Norway Maple)	Y	6	170	1	2	2	3	2	2	10+	Fair	Fair. Smaller sized tree. Average shape/form.	No urgent works needed.	2.04	C2
T	2718	Acer platanoides (Norway Maple)	Y	4.5	170	1	1	3	3	2.5	2.5	10+	Fair	Fair/Poor. Some damage to surface roots. Some bark wounds to stem base. Recently topped.	No urgent works needed.	2.04	C2
T	2719	Acer platanoides (Norway Maple)	SM	6	200	1	2	3	2	2.5	2.5	10+	Fair	Fair. Smaller sized tree. Some damage to surface roots. Some potentially weak unions in crown structure.	No urgent works needed.	2.4	C2
T	2720	Acer platanoides (Norway Maple)	EM	10	370	1	2	4	3.5	4.5	4	10+	Good	Fair/Poor. Compression fork on main stem at 2.5m	No urgent works needed.	4.44	C2

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T	2721	Quercus robur (Common Oak)	EM	11	400	1	1.5	5.5	5.5	4.5	5.5	20+	Fair	Fair/Poor. Fair vitality. Some potentially weak unions in crown structure. Recently topped.	No urgent works needed.	4.8	C2
T	2722	Acer platanoides (Norway Maple)	EM	5	350	1	1	4.5	4	4	4	10+	Good	Fair. Good vitality. Some potentially weak unions in crown structure. Tree topped by ESB to create bush-like form. Some limits decay in pruning wounds.	No urgent works needed.	4.2	C2
T	2723	Fraxinus excelsior (Ash)	M	14	500	1	2	7.5	4	4	6	20+	Fair	Fair. Compacted root-zone. Some previous root damage. Unbalanced crown shape.	No urgent works needed. Monitor tree condition.	6	B2
T	2735	Acer pseudoplatanus (Sycamore)	EM	12	300	1	0	3.5	5	4	5	10+	Good	Fair. Upright form. Growing on bank behind wire fence.	Inspect stem/basal area.	3.6	C2
T	2738	Fraxinus excelsior (Ash)	M	22	1000	1	4	6	11	11	7	<10	Poor	Poor. Large specimen tree. Thick Ivy growth on tree restricting view of main branch unions. Unable to fully inspect stem due to undergrowth. Unbalanced crown shape. Significant decay cavity on main stem now exposed. Dieback and epicormic growth evident.	Consider removal. Not suited to retention within new layout.	12	U
T	2739	Fraxinus excelsior (Ash)	M	22	791	2	1	10	5	6	9	10	Poor	Fair. Low vitality. Large specimen tree. Thick Ivy growth on tree restricting view of main branch unions. Scattered minor deadwood. Bacterial canker present on branches on northern crown side.	Cut Ivy around stem base. Inspect stem/basal area. Monitor tree condition.	9.49	C2
T	2740	Prunus avium (Wild Cherry)	M	10	450	1	0.5	8	5	5	7	20+	Fair	Fair. Medium sized tree. Spreading form. Thick Ivy growth on tree restricting view of main branch unions.	Cut Ivy around stem base. Inspect stem/basal area.	5.4	B2
T	2741	Fraxinus excelsior (Ash)	M	17	750	1	3	3	7	8	4	<10	Poor	Fair/Poor. Declining. Large specimen tree growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Unbalanced crown shape. Significant dieback in crown. Minor deadwood in crown. Excessive Ivy growth in crown. Bacterial canker present on branches.	Monitor condition. Consider removal.	9	U
T	2742	Fraxinus excelsior (Ash)	M	19	800	1	4	9	4	7	6	10	Poor	Fair. Growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Dieback in crown. Minor deadwood in crown. Sparse foliage and late bud break. Borderline category U.	Monitor condition.	9.6	C2
T	2743	Fraxinus excelsior (Ash)	M	12	450	1	3	4	5	6	4	10	Poor	Fair. Growing on edge of ditch. Medium sized tree. Thick Ivy growth on tree restricting view of main branch unions. Excessive Ivy growth in crown. Borderline category U.	Monitor condition.	5.4	C2
T	2744	Acer pseudoplatanus (Sycamore)	M	11	634	3	0	5	5	3	6	<10	Poor	Fair. Multi-stem coppice stool growing on edge of ditch. Thick Ivy growth on tree stem. Dieback in crown. Tree unbalanced due to repeated ESB pruning.	Coppice to stump and allow to regenerate.	7.61	U

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T	2745	Fraxinus excelsior (Ash)	M	12	532	2	2.5	6	7	5	6	10	Poor	Fair. Low vitality. Growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Minor dieback in crown. Minor deadwood in crown. Borderline category U.	Monitor condition.	6.38	C2
T	2746	Fraxinus excelsior (Ash)	OM	21	1000	1	3	7	9.5	8	7	<10	Poor	Poor. Declining. Growing on edge of ditch. Large specimen tree. Thick Ivy growth on tree restricting view of main branch unions. Significant dieback in crown. Major deadwood in crown. Upper third virtually dead, some better growth in lower crown.	Fell tree.	12	U
T	2747	Populus alba (White Poplar)	M	18	650	1	4	7	6	7	6	10	Poor	Fair/Poor. Low vitality. Large specimen tree growing on edge of ditch. Recent root damage. Thick Ivy growth on tree restricting view of main branch unions. Broken branches in crown. Dieback in crown. Bacterial canker and numerous bark deformities in crown. Borderline category U. Limited value.	Cut Ivy around stem base. Inspect stem/basal area. Crown reduce. Monitor tree condition.	7.8	C2
T	2748	Fraxinus excelsior (Ash)	EM	11	450	1	0	5	4	6	5	10	Fair/Poor	Fair. Growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Borderline category U.	Cut Ivy around stem base. Inspect stem/basal area. Monitor condition.	5.4	C2
T	2749	Fraxinus excelsior (Ash)	M	19	849	2	5	7	9	10	8	<10	Poor	Poor. Declining. Large specimen tree growing on edge of ditch. Twin stem from ground level. Some previous root damage. Thick Ivy growth on tree restricting view of main branch unions. Significant dieback in crown. Major deadwood in crown.	Fell tree.	10.19	U
T	423.1 no tag	Fraxinus excelsior (Ash)	SM	10	400								Fair	Young tree on north side of ditch.	No urgent works needed.	4.8	C2
T	424	Fraxinus excelsior (Ash)	EM										Poor	Poor. Dieback and epicormic growth. Historic root damage.	Monitor condition. Consider coppicing.		C2
T	425	Populus spp. (Poplar)	M										Poor	Poor. Storm damaged branches. Dieback of crown. Limited value and potential. Borderline cat U.	Crown reduce if retained.		C2
T	426	Fraxinus excelsior (Ash)	EM										Poor	Poor. Dieback and epicormic growth associated with ADB. Historic root damage.	Coppice or fell.		U
T	427	Fraxinus excelsior (Ash)	EM										Poor	Poor. Dieback and epicormic growth associated with ADB. Historic root damage. Significant basal decay.	Coppice or fell.		U
T	1170	Aesculus hippocastanum (Horse Chestnut)	SM	6	250	1	0.5	2	3.5	3	2.5	10+	Fair	Fair. Smaller sized tree on fairway. Recently topped.	No urgent works needed.	3	C2

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T	1171	Acer platanoides (Norway Maple)	SM	5	350	1	1	3	3.5	3	3	10+	Fair	Fair/Poor. Smaller sized tree. Wood decay in old wound at stem base. Recently topped by ESB contractors.	No urgent works needed.	4.2	C2
T	1172	Acer platanoides (Norway Maple)	SM	8	350	1	1.5	3	3	1.5	3	<10	Fair	Poor. Crack developing below tight compression fork on main stem.	Fell or prune periodically to maintain as smaller tree.	4.2	U
T	1173	Prunus spp. (Cherry)	M	4	350	1	1.5	3	4	5.5	4	20+	Fair	Fair. Some damage to surface roots.	No urgent works needed.	4.2	B2
T	1174	Prunus spp. (Cherry)	M	4.5	350	1	1.5	3	4	5.5	3	20+	Fair	Fair. Some damage to surface roots.	No urgent works needed.	4.2	B2
T	1175	Acer platanoides (Norway Maple)	EM	7.5	350	1	1.5	4.5	4	4	5	10+	Fair	Fair. Smaller sized tree. Poor shape & form. Some bark wounds to stem base. Recently topped by ESB contractors.	No urgent works needed. Consider removal as part of good management.	4.2	C2
T	1176	Fagus sylvatica (Beech)	EM	11	600	1	1	6	5.5	4.5	4	10+	Fair	Fair/Poor. Smaller sized tree with a low spreading form. Some bark dysfunction on stem (possibly canker).	Monitor tree condition.	7.2	C2
T	1177	Aesculus hippocastanum (Horse Chestnut)	SM	8	300	1	2	3.5	2.5	4	3.5	<10	Poor	Fair/Poor. Smaller sized tree. Some damage to surface roots and some bark wounds to stem base. Broken branches in crown from recent storm damage. Bleeding canker present on stem/branches.	Consider removal as part of good management.	3.6	U
T	1179	Pseudotsuga menziesii (Douglas Fir)	SM	9	350	1	0	3	2	2	3	20+	Good	Good. Smaller sized tree.	No urgent works needed.	4.2	C2
T	1180	Pinus sylvestris (Scots Pine)	SM	6	250	1	0.5	2.5	2.5	2	2	10+	Fair	Fair. Smaller sized tree. Main leader dead/missing. Previously topped by ESB contractors.	No urgent works needed. Consider removal as part of good management because of poor planting position.	3	C2
T	1181	Pinus sylvestris (Scots Pine)	EM	9	350	1	0	3	3	3	3.5	20+	Good	Good. Good vitality. Smaller sized tree of good shape/form.	No urgent works needed.	4.2	C2
T	1182	Fraxinus excelsior (Ash)	M	12	550	1	0	3	4	4	2	<10	Fair	Poor. Suckers around stem base. Significant basal decay. Remains of old decayed stem, with younger regrowth extending south.	Re-coppice.	6.6	U
T	1183	Fraxinus excelsior (Ash)	M	16	600	1	0.5	6	7	7	4	10+	Poor	Poor. Thick Ivy growth on tree stem restricting view of main branch unions. Decay column likely in main stem, with <i>Inonotus hispidus</i> brackets visible. Bacterial canker present on branches. Borderline category U.	Carry out further inspection. Cut Ivy around stem base. Inspect stem/basal area. Crown reduce by 2-3m. Monitor condition.	7.2	C2

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T	1183.1 no tag	Fraxinus excelsior (Ash)	OM	19	700	1	0.5	6	7	7	4	<10	Poor	Bad. Thick Ivy growth on tree stem restricting view of main branch unions. Decay column in main stem, with large cavity to south.	Fell.	8.2	U
T	1184	Betula pendula (Silver Birch)	EM	11.5	320	2	1.5	4	4	4	5	10+	Fair	Fair/Poor. Stem divides below 1.5m. Some potentially weak unions in crown structure. Broken branches in crown. Recent storm damage.	Crown clean. Target prune broken/damaged branches.	3.84	C2
T	1185	Prunus spp. (Cherry)	M	5	461	2	1	6	7	7	6	20+	Fair	Fair. Spreading form. Some damage to surface roots. Stem divides below 1.5m.	No urgent works needed.	5.53	B2
T	1186	Betula pendula (Silver Birch)	M	13	450	1	1	5	5	5.5	5.5	20+	Good	Fair. Medium sized tree. Good shape/form.	No urgent works needed.	5.4	B2
T	1187	Prunus spp. (Cherry)	M	12	450	1	1.5	5	6	6	6	20+	Fair	Fair. Scattered minor deadwood. Some exudation on stem.	No urgent works needed.	5.4	B2
T	1188	Alnus glutinosa (Common Alder)	M	10	400	1	0	4	4.5	4	4.5	10+	Fair	Fair. Suckers around stem base.	No urgent works needed.	4.8	C2
T	1189	Prunus spp. (Cherry)	EM	4	300	1	1	3	4.5	4	3	10+	Fair	Fair. Smaller sized tree. Spreading form. Some damage to surface roots. Suckers around stem base.	No urgent works needed.	3.6	C2
T	1190	Salix fragilis (Crack Willow)	M	9.5	400	1	0	4	5	3	4	10+	Fair	Fair/Poor. Stem divides above 1.5m. Broken branches in crown. Recent storm damage.	Crown clean. Target prune broken/damaged branches.	4.8	C2
T	1191	Prunus spp. (Cherry)	EM	4	300	1	1.5	3	3	3.5	4	10+	Fair	Fair. Smaller sized tree. Spreading form. Suckers around stem base.	No urgent works needed.	3.6	C2
T	1192	Aesculus hippocastanum (Horse Chestnut)	SM	8	400	1	2	5	4.5	4	4	<10	Poor	Poor. Smaller sized tree. Wood decay in old wound at stem base. Some potentially weak unions in crown structure. Bleeding canker present on stem/branches.	Consider removal as part of good management.	4.8	U
T	G1193	Fraxinus excelsior (Ash) Acer pseudoplatanus (Sycamore)	EM	10 to 15	200 to 400	1	0	5	6	5	5	20+	Fair	Fair. Linear tree group growing along edge of ditch. Thick Ivy growth on tree stems restricting view of main stems and branch unions. Mostly fair condition, of more value as group than as individual trees.	Cut Ivy around stem bases and inspect stem/basal areas for defects.	4.2	B2 C2
T	1 No tag	Betula pendula (Silver Birch)	M	16.5	400	1	1.5	5	5	3	4	20+	Good	Fair. Some damage to surface roots. Stem divides above 1.5m. Some bark wounds to stem base.	No urgent works needed.	4.8	B2
T	2 No tag	Fraxinus excelsior (Ash)	M	15	450	1	3	4	4	5	4	10	Poor	Fair. Growing on edge of ditch. Epicormic growth and dieback. Borderline cat U.	Monitor tree condition.	5.4	C2
T	3 No tag	Fraxinus excelsior (Ash)	EM	13	400	1	2	4	3	4	4	<10	Poor	Fair. Growing on edge of ditch. Epicormic growth and dieback.	Monitor tree condition. Consider removal as part of good management.	4.8	U
T	4 No tag	Fraxinus excelsior (Ash)	EM	12	400	1	2	4	3	4	3.5	<10	Poor	Fair/Poor. Growing on edge of ditch. Bacterial canker present on stem/branches.	Monitor tree condition. Consider removal as part of good management.	4.8	U

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T	6 No tag	Fraxinus excelsior (Ash)	M	16	700	1	3	6	5	5	5.5	<10	Poor	Poor. Significant historic storm damage with main leader now missing. Inonotus hispidus bracket present indicating internal wood decay.	Crown reduce and prune to reduce weight of extended branches. Consider removal as part of good management.	8.4	U
T	5 No tag	Fraxinus excelsior (Ash)	M	14	500	2	3	4	4	4.5	4	10	Fair	Fair. Growing on edge of ditch.	Monitor tree condition.	6	C2
T	7 No tag	Fraxinus excelsior (Ash)	M	15	500	1	3	5.5	5	4.5	5	10	Fair	Fair. Growing on edge of ditch.	Monitor tree condition.	6	C2
T	1629	Fraxinus excelsior (Ash)	EM	9	437	2	1	5	1	1	3.5	<10	Poor	Poor. Declining. Growing on edge of ditch. Exposed and damaged roots. Main leader dead/missing. Poor specimen with significant mechanical damage.	Fell tree.	5.24	U
T	5a no tag	Fraxinus excelsior (Ash)	M	12	510	2	2	2	4	5.5	6	10+	Fair	Fair. Fair vitality. Growing on edge of ditch. Twin stem from ground level. Scattered minor deadwood.	Cut Ivy around stem base.	6.12	C2
T	1630	Fraxinus excelsior (Ash)	M	15	950	1	2.5	7	5	5	6	20+	Fair	Fair. Fair vitality. Growing on edge of ditch. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Minor deadwood in crown.	Cut Ivy around stem base. Inspect stem/basal area.	11.4	B2
T	1631	Fraxinus excelsior (Ash)	M	13	800	1	5	7.5	6	6	7.5	10	Poor	Fair/Poor. Low vitality. Declining. Growing in hedgerow. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Tree choked with Ivy, sparse foliage, thinning canopy with moderate deadwood.	Monitor tree condition. Cut Ivy around stem base.	9.6	C2
T	1632	Fraxinus excelsior (Ash)	EM	9	457	3	0.5	5.5	5	5	5	<10	Poor	Fair. Low vitality. Historic root damage reflected in condition of crown, deadwood, low vitality.	Consider coppicing to allow regeneration of fresh growth.	5.48	U
T	1633	Fraxinus excelsior (Ash)	EM	10	461	2	4	2	2.5	3.5	3	<10	Poor	Fair/Poor. Low vitality. Stem divides below 1.5m. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Unable to inspect fork due to Ivy.	Fell/coppice tree.	5.53	U
T	1633.1 no tag	Fraxinus excelsior (Ash)	EM	10	461	2	4	2	2.5	3.5	3	<10	Poor	Fair/Poor. Low vitality. Stem divides below 1.5m. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Unable to inspect fork due to Ivy.	Fell/coppice tree.	5.53	U
T	1634	Fraxinus excelsior (Ash)	EM	10	450	1	3.5	3.5	3	2.5	2	10	Poor	Fair/Poor. Low vitality. Declining. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	Fell/coppice tree.	5.4	U

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	1635	Fraxinus excelsior (Ash)	M	10	550	1	5	5	5	6	5	<10	Poor	Poor. Declining. Some previous root damage. Significant dieback in crown. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	Fell/coppice tree.	6.6	U
T	1637	Fraxinus excelsior (Ash)	SM	9.5	350	1	4	4.5	4	4.5	4.5	<10	Poor	Fair/Poor. Low vitality. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	Fell/coppice tree.	4.2	U
T	1638	Fraxinus excelsior (Ash)	M	14	950	1	4	4.5	4	4.5	4.5	<10	Poor	Poor. Low vitality. Significant dieback in crown. Major deadwood in crown. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Twin stem has snapped off leaving significant decay cavity.	Fell/coppice tree.	11.4	U
T	1639	Fraxinus excelsior (Ash)	M	17	880	1	2	8.5	10	9	8	10+	Fair	Fair/Poor. Fair vitality. Growing in hedgerow. Some damage to surface roots. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Root damage from previous groundworks and construction of new car park.	Cut Ivy around stem base. Re-inspect stem when Ivy cleared.	10.56	C2
T	1640	Fraxinus excelsior (Ash)	M	16.5	885	2	4	7	5.5	6.5	5.5	10+	Fair	Fair. Low vitality. Growing on edge of ditch. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Twin stem from ground level. Slight thinning of upper crown. Minor deadwood in crown.	Cut Ivy around stem base. Re-inspect stem when Ivy cleared.	10.62	C2
T	1641	Fraxinus excelsior (Ash)	M	12	630	1	4.5	4.5	5	5	3.5	10	Fair	Poor. Fair vitality. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Slight thinning of upper crown. Decay cavity on north side of base, obscured by undergrowth and Ivy but appears significant	Cut Ivy etc. around stem base. Re-inspect stem to check extent of cavity when cleared.	7.56	C2
T	1642	Acer pseudoplatanus (Sycamore)	M	16	790	1	1.5	8.5	6	7	6	<10	Poor	Poor. Low vitality. Fungal brackets visible on stem (<i>Polyporus squamosus</i>). Thinning crown. Root damage and associated decay on southern side. Decay extends up main stem 3m. Exposed and damaged roots.	Fell tree.	9.48	U
T	1643	Fraxinus excelsior (Ash)	M	8.5	850	1	2	3	4.5	5	4.5	<10	Poor	Poor. Low vitality. Declining. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Recent and older storm damage with main leader dead/missing. Decay cavities in main stem. Remaining crown Leaning over footpath.	Fell/coppice tree.	10.2	U

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T	1644	Fraxinus excelsior (Ash)	M	15.5	743	2	2	5.5	5	5.5	5	10	Poor	Fair/Poor. Low vitality. Growing on edge of ditch. Compacted root zone. Some damage to surface roots. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Stem divides below 1.5m.	Cut Ivy around stem base. Re-inspect stem when Ivy clear.	8.92	C2
T	1645	Fraxinus excelsior (Ash)	M	17	963	2	2.5	6	6.5	6.5	7.5	<10	Poor	Poor. Low vitality. Declining. Significant dieback in crown. Root damage extensive from groundworks. Twin stem obscures by Ivy but union looks open (u shaped).	Fell/coppice tree.	11.56	U
T	1646	Fraxinus excelsior (Ash)	M	16.5	791	2	3	5.5	6.5	5.5	6	<10	Poor	Poor. Low vitality. Declining. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Root damage extensive from groundworks.	Fell/coppice tree.	9.49	U
T	1647	Fraxinus excelsior (Ash)	EM	8	610	1	4	2.5	3.5	1.5	2	<10	Poor	Poor. Low vitality. Declining. Small tree growing in hedgerow. Thick Ivy growth on tree stem. Fungal brackets visible on stem. Significant decay column in main stem.	Fell/coppice tree.	7.32	U
T	1648	Fraxinus excelsior (Ash)	EM	12.5	470	1	0.5	4	4	3.5	4	<10	Poor	Poor. Low vitality. Growing in hedgerow. Spoil built up near tree. Thick Ivy growth on tree stem. Significant dieback in crown. Decay at base.	Fell/coppice tree.	5.64	U
T	1649	Fraxinus excelsior (Ash)	M	16	620	1	0.5	5	4.5	5.5	5	<10	Poor	Fair. Spoil built up near tree. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Dieback.	Fell/coppice tree.	7.44	U
T	1650	Fraxinus excelsior (Ash)	M	16.5	673	2	3	4	4.5	3	3.5	10	Poor	Poor. Low vitality. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Slight thinning of upper crown. Twin stem/adjacent tree growing 1m away. Stem leaning and rubbing on main tree. Tree covered in Ivy, canopy mainly Ivy. Borderline category U.	Monitor tree condition. Cut Ivy around stem base.	8.08	C2
T	1651	Fraxinus excelsior (Ash)	EM	14	460	1	3	3.5	3	3.5	3.5	<10	Poor	Poor. Low vitality. Growing in hedgerow. Spindly. Some previous root damage. Major bark wounding on stem. Minor dieback in crown. Minor deadwood in crown. Spindly stunted specimen.	Fell/coppice tree.	5.52	U
T	1652	Fraxinus excelsior (Ash)	M	15.5	710	1	3.5	5.5	5	4.5	4.5	<10	Poor	Poor. Low vitality. Declining. Growing in hedgerow. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Suspected decay cavities underneath Ivy.	Fell/coppice tree.	8.52	U

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T	1653	Fraxinus excelsior (Ash)	M	15.5	650	1	3.5	2	3.5	3	3	<10	Poor	Poor. Virtually dead. Growing in hedgerow. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Large decay cavity on stem. Significant dieback in crown. Major deadwood in crown. Very much in decline/half dead.	Fell/coppice tree.	7.8	U
T	1654	Fraxinus excelsior (Ash)	M	15.5	740	1	2	3	5	3.5	6	<10	Poor	Poor. Low vitality. Declining. Growing in hedgerow. Some previous root damage. Spoil built up near tree. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Large decay cavity on stem. Major deadwood in crown. Excessive Ivy growth in crown. Half dead.	Fell/coppice tree.	8.88	U
T	1655	Fraxinus excelsior (Ash)	M	14	480	1	2.5	2.5	3.5	2	4	<10	Poor	Poor. Low vitality. Declining. Spindly. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Significant dieback in crown. Excessive Ivy growth in crown. Poor specimen.	Fell/coppice tree.	5.76	U
T	1656	Fraxinus excelsior (Ash)	M	16	580	1	2.5	6	8	6	5.5	<10	Poor	Fair/Poor. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Slight thinning of upper crown. Deadwood in crown. Excessive Ivy growth in crown.	Fell/coppice tree.	6.96	U
T	1657	Fraxinus excelsior (Ash)	M	15	690	1	0.5	5.5	4.5	3.5	4.5	<10	Poor	Fair/Poor. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Broken branches in crown. Dieback in crown. Excessive Ivy growth in crown.	Fell/coppice tree.	8.28	U
T	1658	Fraxinus excelsior (Ash)	M	16	955	2	2	7	6	6	7.5	<10	Poor	Poor. Low vitality. Declining. Some previous root damage. Ivy restricts view of main branch unions. Unable to inspect stem due to Ivy. Twin stem from ground level. Significant dieback in crown. Major deadwood in crown. Excessive Ivy growth in crown. In decline.	Fell/coppice tree.	11.46	U
T	1659	Fraxinus excelsior (Ash)	M	12	671	3	4	5	7	5	5	10	Poor	Fair/Poor. Low vitality. Some previous root damage. Twin stem from ground level. Included bark present in fork. Excessive Ivy growth in crown. Borderline category U.	Monitor tree condition. Cut Ivy around stem base.	8.05	C2
T	1660	Fraxinus excelsior (Ash)	EM	11	350	1	1	5	4.5	1	1	<10	Poor	Fair/Poor. Low vitality. Declining. Spindly. Some previous root damage. Ivy restricts view of main branch unions. Minor deadwood in crown. Significant thinning of crown.	Fell/coppice tree.	4.2	U

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	1661	Fraxinus excelsior (Ash)	SM	10	280	1	1	3.5	3.5	2.5	4	<10	Poor	Fair/Poor. Low vitality. Declining. Spindly. Some previous root damage. Ivy restricts view of main branch unions. Significant thinning of crown and moderate deadwood. Mechanical damage to stem.	Fell/coppice tree.	3.36	U
T	1662	Fraxinus excelsior (Ash)	EM	13	368	2	0.5	6	4.5	4	1	<10	Poor	Fair/Poor. Low vitality. Growing on edge of ditch. Some previous root damage. Spoil built up near tree. Some bark wounds to stem base. Slight thinning of upper crown. Low bud/leaf density.	Fell/coppice tree.	4.42	U
T	1663	Fraxinus excelsior (Ash)	EM	13	280	1	5	6	4	3	3	10	Poor	Poor. Low vitality. Growing on edge of ditch. Spindly. Some previous root damage. Spoil built up near tree. Some bark wounds to stem base. Slight thinning of upper crown. Low bud/leaf density. Minor deadwood in crown. Poor specimen. Borderline cat U.	Consider coppicing to allow regeneration of fresh growth.	3.36	C2
T	1666	Fraxinus excelsior (Ash)	OM	16	1000	1	0.5	7	6	5.5	6	<10	Poor	Poor. Low vitality. Some previous root damage. Decay in wounds to root flair/buttruss. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Fungal brackets visible on stem. Major bark wounding on stem. Large decay cavity on stem. Recent tear out wound on main stem.	Fell/coppice tree.	12	U
T	1664	Fraxinus excelsior (Ash)	EM	13	280	1	0.5	4.5	4.5	2	4	<10	Poor	Poor. Low vitality. Spindly. Some previous root damage. Major bark wounding on stem. Low bud/leaf density. On other side of ditch	Fell/coppice tree.	3.36	U
T	1665	Fraxinus excelsior (Ash)	SM	12	302	3	0	4.5	6	3.5	4.5	10	Poor	Fair/Poor. Low vitality. Some previous root damage. Multiple stems at ground level. Some bark wounds to stem base. Low bud/leaf density. Borderline cat U.	Consider coppicing to allow regeneration of fresh growth.	3.62	C2
T	1667	Fraxinus excelsior (Ash)	M	14	700	1	2	6.5	5	5	4	10	Poor	Poor. Low vitality. Declining. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Decay column in main stem. Minor dieback in crown. Slight thinning of upper crown. Low bud/leaf density. <i>Inonotus hispidus</i> brackets present in main stem, though extent of decay obscures by Ivy. Borderline cat U.	Remove Ivy and inspect stem. Tree likely to require coppicing.	8.4	C2
T	9 no tag	Fraxinus excelsior (Ash)	M	15	500	1	3	7	6	5	6	10+	Poor	Fair/Poor. Some previous root damage. Exposed and damaged roots. Thick Ivy growth on tree stem. Epicormic growth in crown.	Monitor tree condition. Cut Ivy around stem base.	6	C2
T	10 no tag	Fraxinus excelsior (Ash)	M	10	450	1	2	4	5	4	5	10+	Fair	Fair. Thick Ivy growth on tree stem. Unable to inspect stem due to undergrowth.	Cut Ivy around stem base. Inspect stem/basal area. Monitor tree condition.	5.4	C2

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	1860	Acer platanoides (Norway Maple)	SM	7	280	1	1.5	2	2	2.5	2	10+	Fair	Fair. Smaller sized tree. Average shape/form. Epicormic shoots on branching throughout crown.	No urgent works needed.	3.36	C2
T	1861	Prunus spp (Flowering Cherry)	EM	9	400	1	1	4.5	4	3	4.5	10+	Fair	Poor. Fair vitality. Significant basal decay.	Crown reduce by 1-2m.	4.8	U
T	1862	Prunus spp (Flowering Cherry)	EM	9	500	1	1	4	5	4	4.5	10+	Fair	Fair. Average shape/form. Some old wounds on stem.	No urgent works needed.	6	C2
T	1863	Acer platanoides (Norway Maple)	EM	10	400	1	1.5	3	4.5	4	4	20+	Fair	Fair. Average shape/form. Some damage to surface roots.	No urgent works needed.	4.8	B2
T	1864	Quercus robur (Common Oak)	EM	10	350	1	2	5	4	4	5.5	20+	Fair	Fair. Average shape/form. Minor deadwood in crown. Epicormic shoots on branching throughout crown.	No urgent works needed.	4.2	B2
T	1865	Acer platanoides (Norway Maple)	EM	9	400	1	2	4	4	4	3	10+	Fair	Fair/Poor. Compression fork on main stem at 1.6m.	No urgent works needed.	4.8	C2
T	1866	Sorbus aria (Whitebeam)	SM	6	250	1	0.5	3	3	3	3	10+	Fair	Fair. Smaller sized tree. Compacted root-zone.	Monitor tree condition.	3	C2
T	1867	Fraxinus excelsior (Ash)	SM	9	280	1	0.5	4	3.5	3.5	3.5	10+	Fair	Fair. Smaller sized tree. Multiple stems above 1.5m. Epicormic shoots on branching throughout crown.	Monitor tree condition.	3.36	C2
T	1868	Sorbus aria (Whitebeam)	EM	6	250	1	1	3	3	3.5	3	10+	Fair	Fair. Smaller sized tree. Good shape/form.	No urgent works needed.	3	C2
T	1869	Quercus robur (Common Oak)	SM	9	280	1	2	3.5	3.5	3.5	3.5	20+	Fair	Fair. Smaller sized tree. Average shape/form. Scattered minor deadwood. Tight union as branch forks at 1.8m.	No urgent works needed.	3.36	C2
T	1870	Quercus robur (Common Oak)	SM	9	300	1	1.5	5	5.5	4	4.5	20+	Fair	Fair. Scattered minor deadwood. Epicormic shoots on branching throughout crown.	No urgent works needed.	3.6	B2
H	11	Ilex aquifolium (Holly) Crataegus monogyna (Hawthorn)	M	6	361	2	0	3	3	3	3	10+	Fair	Fair. Linear group of Holly and Hawthorn bushes. Thick Ivy growth on tree stems.	No urgent works needed.	4.33	C2
T	1871	Acer platanoides (Norway Maple)	EM	8.5	400	1	2	4	4.5	4	4.5	10+	Fair	Fair. Some bark wounds to lower stem. Epicormic shoots on branching throughout crown.	No urgent works needed.	4.8	C2
T	1872	Aesculus hippocastanum (Horse Chestnut)	SM	7	400	1	1	4	5	5	4	10+	Fair	Fair. Smaller sized tree. Stem divides above 1.5m. Some bark wounds to lower stem.	No urgent works needed.	4.8	C2
T	1873	Aesculus hippocastanum (Horse Chestnut)	SM	6.5	300	1	2	3	3.5	3	3	<10	Poor	Fair/Poor. Smaller sized tree. Bleeding canker lesions on stem-branches.	Monitor tree condition. Consider removal as part of good management.	3.6	U

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	1874	Crataegus monogyna (Hawthorn)	OM	7	424	2	2	4	3	1	5	<10	Poor	Poor. Fair vitality. Significant basal decay. Unbalanced crown shape.	Coppice.	5.09	U
T	1875	Aesculus hippocastanum (Horse Chestnut)	SM	5	250	1	1.5	2	2	1.5	2	10+	Fair	Fair. Smaller sized tree. Upright form.	No urgent works needed.	3	C2
T	1876	Betula pendula (Silver Birch)	SM	8	150	1	3	1	1	1.5	1	<10	Poor	Fair/Poor. Slender form. Upright form. Dieback in crown.	Monitor tree condition. Consider removal as part of good management.	1.8	U
T	1877	Betula pendula (Silver Birch)	EM	10	250	1	1.5	3	3	3	4	10+	Fair	Fair/Poor. Poor shape & form. Wood decay in old wound at stem base. Storm damaged branches in crown.	Target prune broken/damaged branches.	3	C2
T	1878	Fraxinus excelsior (Ash)	SM	8	350	1	2	3	3	4	3	<10	Poor	Fair. Dieback in crown. Decay and dysfunction of bark on main stem from ground level to 3m.	Monitor tree condition. Consider coppicing to allow regeneration of fresh growth.	4.2	U
T	1879	Fraxinus excelsior (Ash)	SM	8	350	1	2	4	4	3.5	3.5	10+	Poor	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown. Bacterial canker present on branches.	Monitor tree condition.	4.2	C2
T	1880	Alnus glutinosa (Common Alder)	M	10	430	2	2	5	5	5	5	20+	Fair	Fair. Suckers around stem base. Stem divides below 1.5m.	No urgent works needed.	5.16	B2
T	1881	Acer pseudoplatanus (Sycamore)	M	16	671	2	0.5	6	7	7	5	20+	Fair	Fair/Poor. Growing on edge of ditch. Medium sized tree. Large decay cavity on stem. Minor dieback in crown. Minor deadwood in crown.	Monitor tree condition. Crown reduce by 2-3m.	8.05	C2
T	1882	Aesculus hippocastanum (Horse Chestnut)	SM	6	350	1	0.5	4	4	4	4	<10	Poor	Fair. Stunted. Smaller sized tree. Epicormic shoots on branching throughout crown. Bleeding canker lesions on stem-branches.	Monitor tree condition. Consider removal as part of good management.	4.2	U
T	1883	Fraxinus excelsior (Ash)	EM	16	500	1	1.5	5	5	5	6	10+	Fair	Fair. Medium sized tree. Upright form. Epicormic shoots on branching throughout crown.	Monitor tree condition.	6	C2
T	1884	Fraxinus excelsior (Ash)	EM	16	450	1	1.5	6	6	5	6	10+	Fair	Fair. Medium sized tree. Upright form. Epicormic shoots on branching throughout crown.	Monitor tree condition.	5.4	C2
T	1885	Fraxinus excelsior (Ash)	EM	16	450	1	1.5	4	5	5	4	10+	Fair	Fair. Medium sized tree. Upright form. Some bark wounds to stem base. Epicormic shoots on branching throughout crown.	Monitor tree condition.	5.4	C2
G	1886	Prunus spp (Flowering Cherry)	M	10	350	1	1	4	5	4.5	4	20+	Fair	Fair. Fair vitality. Cluster of 3 trees between plantation and drain.	No urgent works needed.	4.2	B2

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T	1887	Tilia cordata (Small-leaved Lime)	EM	13	420	1	0.5	5	5	5	5	20+	Good	Fair. Average shape/form. Multiple stems above 1.5m.	No urgent works needed.	5.04	B2
G	1888	Alnus glutinosa (Common Alder)	M	13	450	1	2	4	4	4	4	20+	Fair	Fair. Fair vitality. Group of 6 Alder tree. Mostly upright form. Suckers around stem base.	No urgent works needed.	5.4	B2
T	1889	Acer pseudoplatanus (Sycamore)	M	15	750	1	3	7	7	6	6	20+	Fair	Fair. Low vitality. Large specimen tree. Some previous root damage. Suckers around stem base. Scattered minor deadwood.	No urgent works needed.	9	B2
T	1890	Fraxinus excelsior (Ash)	M	17	500	1	5	7	9	4	6	<10	Poor	Poor. Wood decay in old wound at stem base. Unbalanced crown shape. Dieback in crown. significant bark dysfunction on main stem as a result of canker.	Monitor tree condition. Crown reduce by 2-3m.	6	U
T	1891	Fraxinus excelsior (Ash)	M	18	781	2	4	7	5	4	10	10	Fair	Fair. Twin stem from ground level. Unbalanced crown shape. Minor dieback in crown. Epicormic shoots on branching throughout crown. Some bark dysfunction.	Monitor tree condition.	9.37	C2
T	1892	Fraxinus excelsior (Ash)	M	18	500	1	2	5	10	6	2	10	Fair	Fair. Leaning East. Minor dieback in crown. Epicormic shoots on branching throughout crown.	Monitor tree condition.	6	C2
T	1893	Acer pseudoplatanus (Sycamore)	M	18	650	1	3	5.5	5	5	5	20+	Fair	Fair. Medium sized tree. Upright form.	No urgent works needed.	7.8	B2
T	1894	Fraxinus excelsior (Ash)	M	19	500	1	4	4	2	4	8	10	Fair	Fair. Medium sized tree. Upright form. Unbalanced crown shape. Minor deadwood in crown. Epicormic shoots on branching throughout crown.	Monitor tree condition.	6	C2
T	1895	Fraxinus excelsior (Ash)	M	22	781	2	0.5	7	9.5	5	2	10	Fair	Fair/Poor. Large specimen tree. Twin stem from ground level. Asymetric form due to group competition. Minor dieback in crown. Historic loss of major limb. Epicormic shoots on branching throughout crown. Main stems entwined up to 4.5m, previous loss of leader at 8m, some decay.	Monitor tree condition. Crown reduce and prune to reduce weight of extended branches.	9.37	C2
T	1896	Aesculus hippocastanum (Horse Chestnut)	SM	6	350	1	2	3	4	3	3	10+	Poor	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown. Bleeding canker lesions on stem-branches.	Monitor tree condition. Consider removal as part of good management.	4.2	C2
T	1897	Acer platanoides (Norway Maple)	EM	13	500	1	3	5	4	5	5	20+	Fair	Fair. Fair vitality. Average shape/form. Multiple stems above 1.5m. Some bark wounds to stem base.	No urgent works needed.	6	B2
T	1898	Acer platanoides (Norway Maple)	EM	10	300	1	2.5	3	3	3	3	10+	Fair	Fair. Smaller sized tree. Upright form. Some bark wounds to stem base.	No urgent works needed.	3.6	C2
T	1899	Acer platanoides (Norway Maple)	EM	10	300	1	2.5	3	3	3	3	10+	Poor	Fair. Smaller sized tree. Upright form. Some bark wounds to stem base. Minor dieback in crown. Epicormic shoots on branching throughout crown.	No urgent works needed.	3.6	C2

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T	1900	Fraxinus excelsior (Ash)	EM	10	400	1	2	5	5.5	4	5	10+	Fair	Fair. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.8	C2
T	1901	Fraxinus excelsior (Ash)	EM	13	400	1	2	5	5.5	5	4	10+	Fair	Fair. Some bark wounds to stem base. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.8	C2
T	1902	Fraxinus excelsior (Ash)	EM	15	400	1	2	5	4	5	4.5	10+	Fair	Fair. Some bark wounds to stem base. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.8	C2
T	1903	Tilia cordata (Small- leaved Lime)	EM	10	400	1	1.5	5	5	5	5	20+	Good	Fair. Average shape/form.	No urgent works needed.	4.8	B2
T	1904	Aesculus hippocastanum (Horse Chestnut)	EM	8	450	1	2	4.5	4.5	4.5	4.5	10+	Fair	Fair. Epicormic growth on stem. Epicormic shoots on branching throughout crown.	Monitor tree condition.	5.4	C2
T	1905	Aesculus hippocastanum (Horse Chestnut)	SM	4	250	1	2	2	3	3	3	<10	Poor	Fair/Poor. Stunted. Smaller sized tree. Bleeding canker lesions on stem-branches.	Monitor tree condition. Consider removal as part of good management.	3	U
T	1906	Acer platanoides (Norway Maple)	SM	8	280	1	3	3	3	3	3	10+	Fair	Fair. Smaller sized tree. Average shape/form. Minor dieback in crown.	No urgent works needed.	3.36	C2
T	1907	Acer platanoides (Norway Maple)	EM	12	400	1	2	4	5	5	5	20+	Fair	Fair. Average shape/form.	No urgent works needed.	4.8	B2
T	1908	Acer platanoides (Norway Maple)	SM	10	280	1	3	3	2	3	3	10+	Fair	Fair. Smaller sized tree. Average shape/form. Minor dieback in crown.	No urgent works needed.	3.36	C2
T	1909	Acer platanoides (Norway Maple)	EM	11	400	1	1.5	4	4	4	3.5	20+	Fair	Fair/Poor. Tight union at fork on main stem. Minor dieback in crown.	No urgent works needed.	4.8	C2
T	1910	Fraxinus excelsior (Ash)	SM	8	200	1	1	2.5	3	2	2.5	10+	Fair	Fair. Smaller sized tree. Storm damaged branches in crown. Epicormic shoots on branching throughout crown.	Monitor tree condition. Target prune broken/damaged branches.	2.4	C2
T	1911	Fraxinus excelsior (Ash)	M	15	550	1	1	6	5	5	6	10+	Fair	Fair. Growing on edge of ditch. Thick Ivy growth on tree stem. Ivy restricts view of main branch unions. Epicormic shoots on branching throughout crown.	Monitor tree condition.	6.6	C2

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
Woodlands, Hedges & Additional Groups																	
W	1	Quercus robur (Oak) Fagus sylvatica (Beech) Fraxinus excelsior (Ash) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder)	SM EM										Fair	Fair. Young woodland plantation containing a range of species planted at 1.5-2m spacing. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. <100-300mm dbh, most trees 10-14m tall; with some Larch up to 17m. No thinning or other management activity in recent years.	Carry out selective thinning operation to remove poorer quality stems and allow the retained stems to develop.	4	C2
W	2	Quercus robur (Oak) Fagus sylvatica (Beech) Fraxinus excelsior (Ash) Pinus sylvestris (Scots Pine) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder)	SM										Fair	Fair. Young woodland plantation containing a range of species planted at 1.5-2m spacing. Mostly young Oak in central part of plantation. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. Trees mostly 100-200mm dbh, with some woodland edge trees 250-300mm. Most trees 10-14m tall. No thinning or other management activity in recent years.	Carry out selective thinning operation to remove poorer quality stems and allow the retained stems to develop.	4	C2
W	3	Acer platanoides (Norway Maple) Fraxinus excelsior (Ash) Sambucus nigra (Elder) Crataegus monogyna (Hawthorn)	M EM SM										Fair	Fair. Area of scrub woodland adjacent to the drainage ditch and underneath the high voltage power lines. Mostly mature Hawthorn bushes in fair condition alongside the ditch. Mixed Maples and Elder under the conductors; most of which have been crudely topped by recent ESB works. Some older Ash stems in fair condition at western end of group.	The vegetation under the conductors should be coppiced to stump rather than topped and dis-figured.	4	C2

Tree Survey Schedule
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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
W	4	Pinus radiata Larix spp. Betula spp. Alnus glutinosa Pseudotsuga menziesii Pinus sylvestris	EM SM	10 to 18	150 to 400	1						20+	Fair	Fair. Dense woodland plantation of mixed tree species, with a high proportion of coniferous species. Some taller Larch and Alder stems (up to 16-18m) above the surrounding canopy top of 12-15m. Tree condition is variable, with some poorer quality stems present. No obvious management activity and stand is somewhat overstocked now. Some thick brambles etc. impeding access through stand. Eastern end of plantation has been partially removed and thinned out following change of ownership and closure of golf course. Most trees category C as individuals, collectively group is of moderate value (cat B).	Clear understorey and carry out selective thinning program to reduce stocking rate and improve retained stems.	4	B2 C2
W	5	Quercus robur (Oak) Fagus sylvatica (Beech) Fraxinus excelsior (Ash) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder) Pinus sylvestris (Scots Pine)	SM EM										Fair	Fair. Young woodland plantation containing a range of species planted at 1.5-2m spacing. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. <100-400mm dbh, most trees 10-17m tall. No thinning or other management activity in recent years.	Carry out selective thinning operation to remove poorer quality stems and allow the retained stems to develop.	4	C2
W	6	Quercus robur (Oak) Fraxinus excelsior (Ash) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder) Pinus sylvestris (Scots Pine)	SM EM										Fair	Fair. Young woodland plantation containing a range of species planted at 1-1.5m spacing. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. <100-400mm dbh, most trees 10-17m tall. No thinning or other management activity in recent years.	Carry out selective thinning operation to remove poorer quality stems and allow the retained stems to develop.	4	C2

Tree Survey Schedule
Hollystown Phase 2 and 3
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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
W	7	Pinus sylvestris (Scots Pine)	EM	15	300	1	0.5	3	3	3	3	20+	Good	Fair. Good vitality. Plantation of Pine trees. 1-2m spacing.	Thin out weaker/selected stems.	3.6	C2 B2
G	1a	Salix fragilis (Crack Willow)	SM										Good	Fair. Row of young Willow plants established around the edge of the small lake/pond. Trees very closely spaced and becoming drawn-up in form/habit. 100-150mm dbh and 14-16m tall. Several fallen/broken stems.	Coppice/re-space to encourage growth of more sturdy stems/coppice stools.	3	C2
G	14	Fraxinus excelsior (Ash) Betula pendula (Birch)	SM	8	250	1	1	3	3	3	3	10+	Fair	Fair. Group of mixed species young trees planted as part of golf course landscape. Many trees in fair condition, although Ash trees at eastern end of group now struggling with canker and epicormic growth. Tilia in better condition and may be graded category B.	Monitor tree condition.	3	C2
G	15	Fraxinus excelsior (Ash) Acer pseudoplatanus (Sycamore)	M	17 to 20	500	1	1	6	6	6	6	10	Fair/Poor	Fair/Poor. Linear group of mature trees, mostly Ash. Appear to be remnant hedgerow trees. Ground levels have been altered close to trees in past. Some storm damaged and weakened individuals. Some canker and symptoms of dieback amongst Ash stems.	Monitor tree condition for signs of ADB. Fell or crown reduce weaker individuals.	6	C2 B2 U
H	2	Crataegus monogyna (Hawthorn) Acer pseudoplatanus (Sycamore) Fagus sylvatica (Beech)	EM M	3	200	1	0	2	2	2	2	10+	Fair	Fair. Short section of roadside hedge south of entrance into old golf course. Includes old Beech stump with live growth and single young Sycamore 2735.	No urgent works needed.	2.4	C2
H	3	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Sambucus nigra (Elder) Ulmus glabra (Wych Elm)	EM	6	100	1	0	3	3	3	3	10	Poor	Fair/Poor. Old agricultural hedge running along drainage ditch. Lower growth of Hawthorn, with some semi-mature Ash and Elm. Almost all Elm now standing dead. Larger old trees (Ash, Sycamore and Poplar 2738-2749) in mostly poor condition spaced along ditch.	Fell poor quality stems. Infill many gaps with fresh planting.	1.2	C2 U

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
H	4	Fraxinus excelsior (Ash) Crataegus monogyna (Hawthorn)	SM	6	100	1	0	2	2	2	2	10+	Poor	Fair/Poor. Exposed and damaged roots. Old hedgerow that has been degraded by previous groundworks that have disturbed soil and damaged tree roots and fragmented the hedge. Many trees now in poor condition.	Coppice weaker stems and re-enforce with infill planting where practicable.	1.2	C2 U
H	5	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash)	EM	5	200	1	0	2	2	2	2	10	Poor	Fair. Old agricultural hedgerow, left unmanaged for many years. Mostly Hawthorn bushes of 3-5m tall, with some younger Ash mixed in. Older mature Ash trees spaced out along hedge-line, all of which are in poor condition. Very thick Ivy and undergrowth around the trees. Some root damage likely as a result of ground works inside derelict field.	Fell poor quality stems. Infill many gaps with fresh planting.	2.4	C2
H	6	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash) Crataegus monogyna (Hawthorn) Prunus spinosa (Blackthorn) Sambucus nigra (Elder)	M	12	100	1	2	3	3	3	3	10	Poor	Fair/Poor. Fragmented hedge/tree-line along drainage ditch. Lower growth of mostly hawthorn bushes with taller emergent older Ash trees, all of which are in poor condition. Root damage from previous groundworks is likely to have contributed to decline of trees. Ash Dieback disease now significant impact on tree health.	Coppice weaker stems. Re-enforce with fresh planting into the gaps to retain hedge as feature.	1.2	U C2
H	7	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Ilex aquifolium (Holly) Sambucus nigra (Elder)	EM	5	100	1	0	3	3	3	3	10+	Fair	Fair/Poor. Old farm hedge running along drainage ditch. Mostly Hawthorn bushes 5-6m tall, some taller Ash (7-10m) at western end of hedge. Several larger old Ash trees in poor structural condition on north side of ditch outside site boundary line. Heavily overgrown and unmanaged. Hedge cut below overhead ESB conductors.	Cut back into shape and trim back on annual basis.	1.2	C2 U

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
H	8	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Ulmus glabra (Wych Elm)	EM	10	250	1	0	4	4	4	4	10+	Fair	Fair/Poor. Hedge following side of drainage ditch. Mostly Ash of 8-10m and Hawthorn 2-4m tall. Many trees in relatively poor condition, with basal decay, crown dieback and thick Ivy cover. Tree cover becomes more sporadic and patchy towards the western end of the site limits.	Coppice weaker stems. Infill gaps with fresh plants.	3	C2
H	9	Acer campestre (Field Maple) Crataegus monogyna (Hawthorn) Fagus sylvatica (Beech)	Y	2	100	1	0	1	1	1	1	20+	Good	Good. Young hedge planted alongside fence.	No urgent works needed.	1.2	C2
Additional Trees in the Eastern Link Area Added in April 2021 (starting close to old club house) Trees Not Tagged																	
T	1	Betula pendula (Silver Birch)	SM	8	200	1	2	2	2	2	2	10+	Fair	Fair. Smaller sized tree. Slender, upright form.	No urgent works needed.	2.4	C2
T	2	Betula pendula (Silver Birch)	EM	10	360	1	1.5	3.5	3	3	3	20+	Good	Good. Average shape/form.	No urgent works needed.	4.32	B2
T	3	Fraxinus excelsior (Ash)	SM	9.5	250	1	2	2	2	2.5	2	10	Fair	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown.	Monitor tree condition.	3	C2
T	4	Fraxinus excelsior (Ash)	SM	8	300	1	2	2	2	2.5	2.5	10	Fair	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown.	Monitor tree condition.	3.6	C2
T	5	Fraxinus excelsior (Ash)	M	18	743	2	2	6	5.5	6	6	10	Fair	Fair/Poor. Medium sized tree. Twin stem from ground level. Small decay cavity on stem. Tight fork at tree base. Epicormic shoots on branching throughout crown. <i>Inonotus hispidus</i> bracket present in decay cavity at 5m on east stem.	Monitor tree condition. Crown reduce east stem.	8.92	C2
T	6	Acer pseudoplatanus (Sycamore)	M	10	500	1	3	4	4	5	4	<10	Dead	Bad.	Fell tree.	6	U
T	7	Aesculus hippocastanum (Horse Chestnut)	EM	9	450	1	2	3	5	4	4	10+	Fair	Fair.	No urgent works needed.	5.4	C2
T	8	Prunus avium (Wild Cherry)	EM	8	300	1	2	4	4	4	4	20+	Fair	Fair. Smaller sized tree. Average shape/form.	No urgent works needed.	3.6	B2

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	9	Pinus spp. (Pine)	M	15	550	1	1.5	4	3	6	6	20+	Good	Fair. Medium sized tree. Initial lean but self corrects to vertical. Scattered minor deadwood.	No urgent works needed.	6.6	B2
T	10	Fraxinus excelsior (Ash)	M	16.5	650	1	2	6	7	7	6	10	Fair	Poor. Medium sized tree. Some previous root damage. Wood decay in old wound at stem base. Epicormic shoots on branching throughout crown. Possible <i>Armillaria</i> species fungi present under area of bark necrosis on south side.	Monitor tree condition. Crown reduce by 2-3m. Not suited to retention within new development.	7.8	C2
T	11	Aesculus hippocastanum (Horse Chestnut)	EM	8	600	1	2	5	5	5	5	10+	Fair	Fair. Spreading form. Epicormic growth on stem.	Monitor tree condition.	7.2	C2
T	12	Pinus sylvestris (Scots Pine)	EM	11	350	1	0.5	4	4	4	4	20+	Good	Fair. Good vitality. Smaller sized tree of upright form. Thick Ivy growth on tree stem. Ivy restricts view of main branch unions.	No urgent works needed.	4.2	B2
T	13	Quercus robur (Common Oak)	SM	10	300	1	1.5	4	3	4	4	20+	Fair	Fair. Smaller sized tree. Upright form.	No urgent works needed.	3.6	B2
T	14	Pinus sylvestris (Scots Pine)	EM	11	350	1	1.5	3	3	4	3	20+	Good	Good. Good shape/form. Well structured crown.	No urgent works needed.	4.2	B2
T	15	Pinus sylvestris (Scots Pine)	EM	10	350	1	0.5	3	3	3	3	20+	Good	Good. Smaller sized tree. Upright form. Thick Ivy growth on tree stem.	No urgent works needed.	4.2	B2
T	16	Pinus sylvestris (Scots Pine)	SM	8	300	1	1	2	2	2.5	2	20+	Fair	Fair. Smaller sized tree. Average shape/form.	No urgent works needed.	3.6	C2
T	17	Aesculus hippocastanum (Horse Chestnut)	EM	12	500	1	2	4.5	4.5	4.5	4.5	20+	Fair	Fair. Medium sized tree. Suckers around stem base.	No urgent works needed.	6	B2
T	18	Acer platanoides (Norway Maple)	EM	9	450	1	1	6.5	5.5	5.5	5.5	10+	Fair	Fair. Large surface roots. Minor deadwood in crown.	No urgent works needed.	5.4	C2
T	19	Betula pendula (Silver Birch)	EM	9	350	1	0.5	3.5	3	3.5	3	10+	Fair	Fair. Smaller sized tree. Average shape/form.	No urgent works needed.	4.2	C2
T	20	Betula pendula (Silver Birch)	EM	10	250	1	1.5	2	2	2.5	2	10+	Fair	Fair. Slender form. Upright form.	No urgent works needed.	3	C2
T	21	Fraxinus excelsior (Ash)	M	15	500	1	3	6	6	6	5	10	Fair	Fair. Medium sized tree. Unable to inspect stem due to undergrowth. Epicormic shoots on branching throughout crown.	Monitor tree condition. Clear undergrowth to allow proper view of tree base.	6	C2
T	22	Fraxinus excelsior (Ash)	M	15	550	1	3	5	5.5	7	6	10	Fair	Fair. Medium sized tree. Scattered minor deadwood. Epicormic shoots on branching throughout crown.	Monitor tree condition.	6.6	C2

Tree Survey Schedule
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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
T	23	Fraxinus excelsior (Ash)	M	16.5	650	1	4	7	7	7	7	10	Fair	Fair. Large specimen tree. Spreading form. Thick Ivy growth on tree stem. Epicormic shoots on branching throughout crown.	Monitor tree condition. Cut Ivy around stem base. Clear undergrowth to allow proper view of tree base.	7.8	C2
T	24	Acer pseudoplatanus (Sycamore)	M	16	922	2	3	7	9.5	8	8.5	20+	Fair	Fair. Large specimen tree. Twin stem from ground level. Unbalanced crown shape with significant crown development to east. Large scaffold limb forking from 4m and overhanging to the east.	Prune to reduce height and weight of branches on east side of crown.	11.06	B2
T	25	Fraxinus excelsior (Ash)	EM	9	350	1	1	4	4	3.5	3	10	Fair	Fair. Smaller sized tree. Thick Ivy growth on tree stem. Ivy restricts view of main branch unions. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.2	C2
T	26	Fraxinus excelsior (Ash)	EM	14	450	1	2	6	5	5	5	10	Fair	Fair. Medium sized tree. Scattered minor deadwood. Epicormic shoots on branching throughout crown.	Monitor tree condition.	5.4	C2
T	27	Fraxinus excelsior (Ash)	M	14	559	3	3	5	5	6	5	10	Poor	Fair. Medium sized tree. Multiple stems at ground level. Minor deadwood in crown. Epicormic shoots on branching throughout crown. Bacterial canker present on branches.	Monitor tree condition.	6.71	C2
T	28	Fraxinus excelsior (Ash)	M	13	750	1	2	5	5	5	5	10	Poor	Fair/Poor. Low vitality. Medium sized tree. Thick Ivy growth on tree restricts view of main branch unions. Dieback in crown. Minor deadwood in crown. Epicormic shoots on branching throughout crown.	Monitor tree condition.	9	C2
G	16	Betula pendula (Silver Birch) Aesculus hippocastanum (Horse Chestnut) Sorbus aria (Whitebeam) Fraxinus excelsior (Ash) Acer pseudoplatanus (Sycamore)	EM	8	400	1	1.5	3	3	3	3	10	Fair/Poor	Fair. Linear group of relatively small trees. Birch and Sorbus in fair condition, Horse Chestnut with lesions and epicormic growth indicative of canker. Numerous bark wounds at stem bases.	Monitor tree condition.	4.8	C2

Tree Survey Schedule
Hollystown Phase 2 and 3
April 2021

Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
G	17	Aesculus hippocastanum (Horse Chestnut) Acer pseudoplatanus (Sycamore)	SM	6	350	1	2	3	3	3	3	<10	Poor	Fair. Low vitality. Smaller sized tree. Horse Chestnuts small and suffering with canker and epicormic growth. Taller Sycamore (9m) is in fair physiological condition but has tight union at stem base.	Monitor tree condition.	4.2	U
G	18	Fraxinus excelsior (Ash)	EM	12	400	1	2	4	4	4	4	10	Fair	Fair. Good shape/form. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.8	C2
G	19	Fraxinus excelsior (Ash) Aesculus hippocastanum (Horse Chestnut) Acer pseudoplatanus (Sycamore) Betula pendula (Silver Birch) X Cupressocyparis leylandii (Leyland Cypress) Populus X canadensis (Hybrid Black Poplar)	M	18 to 22	700	1	2	5	5	5	5	10+	Fair	Fair. Mixed species tree group to north of drainage ditch. Mostly fairly good condition. Ash trees along edge of ditch with epicormic growth.	Monitor condition of Ash trees.	8.4	C2
G	20	Prunus spp (Flowering Cherry)	M	8	350	1	1.5	4	4	4	4	20+	Fair	Fair. Average shape/form. Some bark wounds to stem base.	No urgent works needed.	4.2	B2
G	21	Pinus sylvestris (Scots Pine) Cedrus atlantica (Atlas Cedar)	SM	6	250	1	0	2	2	2	2	10+	Fair	Fair. Cluster of small young trees on mound.	No urgent works needed.	3	C2
G	22	Fraxinus excelsior (Ash)	EM	10	350	1	1.5	4	4	4	4	10	Fair	Fair. 3 Ash trees including one smaller individual (8m tall) to north. Epicormic growth in crowns.	Monitor tree condition.	4.2	C2
G	23	Fraxinus excelsior (Ash)	SM	6	150	1	1	2	2	2	2	10	Fair	Fair. Smaller sized tree. Cluster of 3 small young trees.	Monitor tree condition.	1.8	C2

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
G	24	Fraxinus excelsior (Ash)	EM	12	350	1	2	4	4	4	4	10	Fair	Fair. Two medium sized trees. Average shape/form. Epicormic shoots on branching throughout crown.	Monitor tree condition.	4.2	C2
G	25	Sorbus aria (Whitebeam) Tilia cordata (Small-leaved Lime)	SM	6	200	1	0	1.5	1.5	1.5	1.5	10+	Fair	Fair. Cluster of small young trees. Upright form.	No urgent works needed.	2.4	C2
G	26	Prunus avium (Wild Cherry)	M	11	550	1	0.5	6	5.5	5.5	5.5	20+	Good	Fair. Good vitality. 2 medium sized Cherry trees of similar form and condition.	No urgent works needed.	6.6	B2
G	27	Quercus robur (Common Oak) Fraxinus excelsior (Ash) Pseudotsuga menziesii (Douglas Fir)	SM	8	250	1	0.5	3	3	3	3	10+	Fair	Fair. Cluster of young trees. Average shape/form.	Monitor condition of Ash trees.	3	C2
W	8	Pinus sylvestris (Scots Pine)	EM	10	300	1	1	3	3	3	3	20+	Good	Fair. Good vitality. Small plantation of Pine trees. Ivy on stems. 1 to 2m spacing. No thinning or recent management.	Rselective thin to remove weaker stems.	3.6	B2
Trees and Hedges Along Route Of Proposed New Foul Water Outlet Pipe																	
H	11	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Ulmus glabra (Wych Elm)	SM EM	4 to 12	<100 to 500	1	0	3	3	3	3	10+	Fair/Poor	Fair/Poor. Hedge following water filled ditch; somewhat lower in height than most neighbouring hedges. Ash trees to 12m, Hawthorn bushes 4-7m. Degraded 50m section to east of hedge H14 includes numerous dead and dying Elm trees. Low Hawthorn bushes present another possible low impact route through hedge 70-90m from hedge H15. Thick Ivy and Bramble growth throughout.	Coppice dead and dying Elm. Monitor for Ash dieback disease.	6	C2 U
H	16	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash)	EM	3 to 17	100 to 400	1	0	4	4	4	4	10+	Fair	Fair. Hedge running across survey site between hedges H12 and H15. Hawthorn 3-6m with taller emergent Ash 14-17m. Two existing gateways through hedge present possible access routes for proposed pipeline.	No urgent works required. Monitor for Ash dieback disease.	5	C2 B2
H	17	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash)	EM	4 to 16	100 to 500	1	0	4	4	4	4	10+	Fair	Fair. Hedge running across survey site between hedges H12 and H15. Hawthorn 4-6m with taller emergent Ash 10-16m. The existing gateway through hedge could be possible access route for proposed pipeline.	No urgent works required. Monitor for Ash dieback disease.	6	C2 B2

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Type	No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Cat
G	3	Fagus sylvatica (Beech) Acer pseudoplatanus (Sycamore)	M	12 to 21	500 to 800	1	2	5	5	5	5	10	Fair/Poor	Fair. Stand of mature Beech and Sycamore between ditch and road. Most Beech are of a generally upright form due to group competition and have signs of decline and dieback in the crowns. Sycamore trees at woodland edge are of much better vitality. Stems not individually assessed.	Review condition of larger individual trees. Some Beech may require remedial works.	6 to 10	B2 C2 U
G	12	Acer platanoides (Norway Maple) Fraxinus excelsior (Ash) Pine (Pinus spp.)	SM	9	300 est.	1	2	4	4	4	4	20+	Fair	Fair. Group of young trees. Range from 9m to 12m in height.	No urgent works needed. Monitor for Ash dieback disease.	3.6	C2
G	13	Betula pendula (Silver Birch)	EM	12	300 est.	1	2	3	3	3	3	20+	Fair	Fair. Group of young Birch trees. Upright form.	No urgent works needed.	3.6	C2

Tree Survey Schedule
Kilmartin, Dublin
March 2021

No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Area m2	Cat
T1	Acer pseudoplatanus (Sycamore)	EM	10	592	5	0	6	5	4	5	10+	Fair	Fair. Multi-stem coppice stool growing on edge of ditch. Thick Ivy growth on tree stems.	No urgent works needed.	7.1	158	C2
T2	Fraxinus excelsior (Ash)	EM	9.5	350	1	0	4	6	4	3	10+	Fair	Fair. Growing on edge of ditch. Thick Ivy growth on tree stem. Excessive Ivy growth in crown.	No urgent works needed.	4.2	55.4	C2
T3	Acer pseudoplatanus (Sycamore)	SM	11	492	3	1	4	3	3.5	4	10+	Fair	Fair. Growing on edge of ditch. Upright form. Thick Ivy growth on tree stem.	No urgent works needed.	5.9	109	C2
T4	Fraxinus excelsior (Ash)	M	16	600	1	1	6	6	5	6	<10	Poor	Fair. Growing on edge of ditch. Significant dieback in crown. Thick Ivy growth on tree stem and excessive Ivy growth in crown.	Monitor rate of decline of tree, consider coppicing or removal over next 1-5 years.	7.2	163	U
T5	Fraxinus excelsior (Ash)	EM	10	495	2	0	4	3.5	4	4	<10	Poor	Fair. Growing on edge of ditch. Thick Ivy growth on tree stem. Some dieback of crown.	Monitor rate of decline of tree, consider coppicing or removal over next 1-5 years.	5.94	111	C2
T6	Fraxinus excelsior (Ash)	M	19	700	1	5	10	5	5	5	<10	Poor	Poor/Declining. Larger tree with significant dieback and major deadwood in crown. Secondary stem now dead, with significant dieback of remaining crown. Base overgrown with brambles etc.	Clear base and either fell or crown reduce.	8.4	222	U
T7	Salix caprea (Goat Willow)	SM	4	300	9	0	4	4	4	4	10+	Good	Fair. Multi-stem coppice stool. Recently topped by ESB contractors.	No urgent works needed.	3.6	40.7	C2
T8	Fagus sylvatica (Beech)	M	15	700	1	2	6	4	4	4	<10	Poor	Poor. Medium sized tree in hedge with significant dieback in crown. Ivy restricts view of main branch unions. Unable to inspect stem due to undergrowth.	Cut Ivy around stem base. Inspect stem/basal area. Tree likely to be suffering from decay and will probably require remedial works or removal.	8.4	222	U
H1	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Acer pseudoplatanus (Sycamore)	EM	4 to 16	<100 to 600							10+	Fair/Poor	Fair. Remnant agricultural tree-line along section of drainage ditch in south eastern corner of site. Includes emergent trees T1-T5 and a mostly Hawthorn understorey of around 4-5m. No recent management and now overgrown and mostly inaccessible. Thick Ivy growth on most trees. Some groundworks in the past around the trees - likely to have caused some impact on the root spread of some of the trees. Copious amounts of litter.	Cut Ivy on worst affected trees, clear undergrowth and litter and review. Trees 4 and 5 likely to require removal over coming years.			C2 U

Tree Survey Schedule
Kilmartin, Dublin
March 2021

No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Area m2	Cat
H2	Fraxinus excelsior (Ash) Crataegus monogyna (Hawthorn) Sambucus nigra (Elder) Acer pseudoplatanus (Sycamore) Prunus domestica (Damson) Fagus sylvatica (Beech)	SM EM M	4 to 15	100							10+	Fair/Poor	Fair. Long agricultural hedgerow following western edge of site; some trees and bushes originate on western side of fence. Mostly Hawthorn, Elder and Ash 4-8m tall in southern half with single older Beech (T8) in poor condition. Somewhat taller Ash and Sycamore along northern half. Some dense Bramble and Ivy cover and limited access into hedge. No recent management on eastern side of hedge.	Keep hedge trimmed back as required and review Beech T8.	1.2	4.52	C2 U
H3	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash)	SM	3.5	100							10+	Fair	Fair. Hedge extending along eastern edge of site. Previously cut to 1.5m, now re-grown. Some long gaps due to drainage works.	Keep trimmed back in shape. Infill gaps.	1.2	4.52	C2
G1	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash) Picea sitchensis (Sitka Spruce) Crataegus monogyna (Hawthorn)	EM	15	424	2	4	5	6	5	5	10+	Fair	Fair. Mixed species group of trees growing within green open space outside the south west edge of the site. Closest mature trees are around 3m-4m west of the boundary fence. Younger Hawthorn bushes have been established along the west side of the fence-line. Mostly Ash and Sycamore, with some smaller Spruce. Some crown spread (up to 3m) over the boundary fence with the site.	No urgent works needed. Consider possible root and branch spread across boundary into site when planning development layout.	5.09	81.4	C2
G2	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash)	SM	8	300	1	0	3	3.5	3	3	10+	Fair	Fair. Cluster of young trees at southern end of hedgerow.	No urgent works needed.	3.6	40.7	C2

Tree Survey Schedule
Kilmartin, Dublin
March 2021

No.	Species	Age	Ht m	Dbh mm	St	Cr	N	S	E	W	ERC	Phys Cond	Structural Condition/Comments	Preliminary Recommendations	RPA m	Area m2	Cat
G3	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash)	M	14	450	1	2	4.5	4	4.5	4	10	Fair/Poor	Fair. Group of Ash trees and single Sycamore tree along drainage ditch north of the site boundary. Dieback and epicormic growth evident amongst the Ash trees, with several trees now in very poor condition. Thick Ivy growth on tree stems.	Fell/coppice poorer quality stems. Monitor condition of remaining trees.	5.4	91.6	C2 U
G4	Quercus robur (Common Oak)	Y	4	80	1	1	1	1	1	1	10+	Fair	Fair. Recently planted young trees x 3. Low vitality. Struggling to get established. Limited aftercare.	Control weeds.	0.96	2.9	C2
G5	Tilia Spp. (Lime)	Y	3	50	1	1	0.5	0.5	0.5	0.5	20+	Fair/Good	Good. Upright form. Young Lime trees planted into verge by new road. Good form and condition.	No urgent works needed.	0.6	1.13	C2

Tree Removal Schedule
Hollystown Phase 2 3
December 2021

Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
Trees To Be Removed To Facilitate The New Development								
T	1	Betula pendula (Silver Birch)	SM	8	200	Fair	Fair. Smaller sized tree. Slender, upright form.	C2
T	2	Betula pendula (Silver Birch)	EM	10	360	Good	Good. Average shape/form.	B2
T	3	Fraxinus excelsior (Ash)	SM	9.5	250	Fair	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown.	C2
T	4	Fraxinus excelsior (Ash)	SM	8	300	Fair	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown.	C2
T	2648	Tilia cordata (Small-leaved Lime)	EM	10.5	450	Fair	Fair. Some damage to surface roots. Some bark wounds to stem base. Some potentially weak unions in crown structure.	B2
T	2649	Tilia cordata (Small-leaved Lime)	SM	11	350	Fair	Fair/Poor. Some damage to surface roots. Possible root girdling. Compression fork on main stem.	C2
T	2650	Tilia cordata (Small-leaved Lime)	EM	10	350	Fair	Fair/Poor. Some potentially weak unions in crown structure.	C2
T	2651	Tilia cordata (Small-leaved Lime)	EM	10.5	350	Good	Fair. Some potentially weak unions in crown structure.	B2
T	2652	Tilia cordata (Small-leaved Lime)	EM	10	350	Fair	Fair. Some damage to surface roots. Some potentially weak unions in crown structure.	B2
T	2653	Tilia cordata (Small-leaved Lime)	EM	9	330	Good	Fair/Poor. Compression fork on main stem at 2m.	C2
T	2654	Tilia cordata (Small-leaved Lime)	EM	10	400	Good	Fair. Some damage to surface roots. Some potentially weak unions in crown structure.	B2
T	2655	Tilia cordata (Small-leaved Lime)	EM	10	370	Good	Fair. Some damage to surface roots. Large surface roots. Some potentially weak unions in crown structure.	B2
T	2656	Tilia cordata (Small-leaved Lime)	EM	8	350	Good	Fair/Poor. Some damage to surface roots. Possible root girdling. Compression fork on main stem at 2m. Some potentially weak unions in crown structure.	C2
T	2657	Acer platanoides (Norway Maple)	SM	6	200	Fair	Fair. Smaller sized tree. Upright form.	C2
T	2658	Acer platanoides (Norway Maple)	SM	5.5	200	Good	Fair/Poor. Compression fork on main stem.	C2
T	2659	Acer platanoides (Norway Maple)	SM	5.5	150	Fair	Fair. Smaller sized tree. Minor deadwood in crown.	C2
T	2660	Tilia cordata (Small-leaved Lime)	SM	6	250	Fair	Fair. Some previous root damage. Some damage to surface roots. Tree previously transplanted.	C2
T	2661	Tilia cordata (Small-leaved Lime)	SM	6	250	Poor	Fair. Some damage to surface roots. Possible root girdling. Leaf size small for species. Foliage pale in colour/chlorotic. Tree previously transplanted.	C2
T	2662	Acer platanoides (Norway Maple)	EM	9.5	380	Good	Fair. Spreading form. Some potentially weak unions in crown structure. Recently topped by ESB.	C2
T	2663	Acer platanoides (Norway Maple)	SM	10	300	Good	Fair. Recently topped by ESB.	C2
T	2664	Acer platanoides (Norway Maple)	EM	10	350	Good	Fair. Some potentially weak unions in crown structure. Previously topped.	C2
T	2665	Prunus spp. (Cherry)	M	10	350	Fair	Fair. Medium sized tree. Scattered minor deadwood. Tree previously transplanted.	B2

Tree Removal Schedule
Hollystown Phase 2 3
December 2021

Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	2666	Tilia cordata (Small-leaved Lime)	EM	11	380	Good	Fair. Some damage to surface roots. Some bark wounds to stem base. Some potentially weak unions in crown structure.	B2
T	2667	Tilia cordata (Small-leaved Lime)	EM	11.5	450	Fair	Fair. Multiple stems above 1.5m. Some potentially weak unions in crown structure. Broken branches in crown.	B2
T	2668	Betula pendula (Silver Birch)	EM	13	300	Fair	Fair. Upright form. Large surface roots.	B2
T	2669	Salix fragilis (Crack Willow)	EM	8.5	430	Poor	Fair. Low vitality. Stem divides below 1.5m. Some potentially weak unions in crown structure. Broken branches in crown. Minor dieback in crown. Slight thinning of upper crown.	C2
T	2670	Sorbus aucuparia (Rowan)	EM	4	150	Fair	Fair/Poor. Smaller sized tree. Average shape/form. Wood decay in old wound at stem base.	C2
T	2671	Sorbus aucuparia (Rowan)	SM	4	120	Poor	Bad. Smaller sized tree. Upright form. Significant dieback in crown.	U
T	2672	Sorbus aucuparia (Rowan)	EM	4.5	160	Fair	Fair. Smaller sized tree. Good shape/form.	C2
T	2673	Sorbus aucuparia (Rowan)	M	6	270	Good	Good. Good vitality. Smaller sized tree. Suckers around stem base.	C2
T	2674	Sorbus aucuparia (Rowan)	EM	5.5	180	Fair	Fair. Low vitality. Some bark wounds to stem base. Some lesions on stem.	C2
T	2675	Sorbus aucuparia (Rowan)	EM	4	150	Poor	Fair. Low vitality. Smaller sized tree. Some lesions on stem.	C2
T	2676	Sorbus aucuparia (Rowan)	EM	5.5	200	Poor	Fair. Smaller sized tree. Some bark wounds to stem base. Some lesions on stem. Possible bark canker.	C2
T	2677	Tilia cordata (Small-leaved Lime)	EM	11	450	Good	Fair. Some bark wounds to stem base. Some potentially weak unions in crown structure.	B2
T	2678	Tilia cordata (Small-leaved Lime)	EM	11	400	Good	Fair. Some bark wounds to stem base. Some potentially weak unions in crown structure.	B2
T	2679	Tilia cordata (Small-leaved Lime)	EM	12.5	400	Good	Fair/Poor. Compression fork on main stem at 2.5m.	B2
T	2681	Acer pseudoplatanus (Sycamore)	EM	9.5	300	Fair	Good. Smaller sized tree. Good shape/form.	B2
T	2683	Prunus spp. (Cherry)	M	6	320	Poor	Fair. Low vitality. Smaller sized tree. Some bark wounds to stem base. Wood decay in old wound at stem base. Dieback in crown. Minor deadwood in crown. Limited potential.	U
T	2687	Betula pendula (Silver Birch)	M	12	350	Fair	Fair. Medium sized tree. Broken branches in crown.	B2
T	2688	Prunus spp. (Cherry)	M	12	400	Fair	Fair. Stem divides above 1.5m. Minor deadwood in crown.	B2
T	2689	Prunus spp. (Cherry)	M	12	400	Fair	Fair. Minor deadwood in crown.	B2
T	2690	Sorbus aria (Whitebeam)	EM	7	270	Good	Fair. Smaller sized tree. Some potentially weak unions in crown structure.	C2
T	2691	Acer pseudoplatanus (Sycamore)	SM	7.5	300	Good	Fair. Smaller sized tree.	C2

Tree Removal Schedule
Hollystown Phase 2 3
December 2021

Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	2692	Sorbus aria (Whitebeam)	EM	6	250	Good	Fair. Smaller sized tree. Some bark wounds to stem base. Some potentially weak unions in crown structure.	C2
T	2693	Sorbus aria (Whitebeam)	EM	5	230	Good	Fair. Smaller sized tree. Old bark wound to stem base.	C2
T	2694	Sorbus aria (Whitebeam)	EM	5	250	Good	Fair. Smaller sized tree. Some rubbing branches	C2
T	2695	Aesculus hippocastanum (Horse Chestnut)	EM	10	450	Poor	Fair/Poor. Suspected canker on branches and stem. Weak union on east side at 2.5m.	C2
T	2696	Prunus spp. (Cherry)	M	12	450	Fair	Fair. Medium sized tree.	B2
T	2697	Prunus spp. (Cherry)	M	12	450	Fair	Fair. Medium sized tree. Spreading form.	B2
T	2698	Prunus spp. (Flowering Cherry)	M	4	400	Good	Fair. Smaller sized tree. Spreading form. Suckers around stem base.	B2
T	2699	Prunus spp. (Flowering Cherry)	M	4	461	Good	Fair. Smaller sized tree. Spreading form.	B2
T	2700	Prunus spp. (Flowering Cherry)	M	4	350	Good	Fair. Smaller sized tree. Spreading form. Suckers around stem base. Old pruning wound on stem at 1m and broken branch.	C2
T	2701	Fraxinus excelsior (Ash)	Y	6	150	Fair/Poor	Good. Smaller sized tree. Good shape/form. Epicormic growth in crown.	C2
T	2702	Acer platanoides (Norway Maple)	SM	6	200	Good	Fair. Some potentially weak unions in crown structure.	C2
T	2703	Carpinus betulus (Hornbeam)	SM	5	250	Good	Fair. Smaller sized tree. Some damage to surface roots.	C2
T	2704	Quercus robur (Common Oak)	Y	7	180	Poor	Poor. Some decay of exposed and damaged roots. Wood decay in old wound at stem base. Initial lean but self corrects to vertical.	U
T	2705	Aesculus hippocastanum (Horse Chestnut)	Y	4.5	200	Fair	Fair. Smaller sized tree. Good shape/form. Some damage to surface roots. Possible root girdling. Some bark wounds to stem base.	C2
T	2706	Betula pendula (Silver Birch)	EM	12	300	Fair	Fair. Some damage to surface roots.	B2
T	2707	Acer platanoides (Norway Maple)	Y	5	150	Poor	Fair. Low vitality. Some damage to surface roots. Some bark wounds to stem base. Sparse crown.	U
T	2708	Quercus robur (Common Oak)	SM	10	310	Fair	Good. Good shape/form.	B2
T	2709	Acer platanoides (Norway Maple)	Y	5	150	Fair	Fair/Poor. Compression fork on main stem. Some potentially weak unions in crown structure.	C2
T	2711	Acer platanoides (Norway Maple)	SM	7	210	Good	Fair. Some damage to surface roots. Small decay pocket at stem base.	C2
T	2712	Fraxinus excelsior (Ash)	M	20	700	Fair/Poor	Fair/Poor. Fair vitality. Large specimen tree. Suckers around stem base. Unbalanced crown shape. Historic storm damage. Some long extended limbs. <i>Inonotus hispidus</i> bracket present on scaffold limb. Epicormic growth in crown.	C2
T	2713	Fraxinus excelsior (Ash)	M	18	800	Fair/Poor	Fair/Poor. Large specimen tree. Some decay of structural roots. Some old wounds on stem. Major deadwood in crown. Some long extended limbs. Epicormic growth in crown.	C2

Tree Removal Schedule
Hollystown Phase 2 3
December 2021

Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	2714	Fraxinus excelsior (Ash)	OM	6	850	Fair	Poor. Some decay of structural roots. Significant basal decay. Old stump with young regrowth developing.	C2
T	2715	Fraxinus excelsior (Ash)	OM	18	1000	Poor	Poor. Fair vitality. Large specimen tree that has suffered loss of main leader from 9m and more recent loss of big limb from remaining scaffold at 8m.	U
T	2716	Fraxinus excelsior (Ash)	M	18	1100	Poor	Fair/Poor. Leaning North-East. Some decay of structural roots. Numerous decay cavities on branches in crown and at 12m on main leader.	U
T	2717	Acer platanoides (Norway Maple)	Y	6	170	Fair	Fair. Smaller sized tree. Average shape/form.	C2
T	2718	Acer platanoides (Norway Maple)	Y	4.5	170	Fair	Fair/Poor. Some damage to surface roots. Some bark wounds to stem base. Recently topped.	C2
T	2721	Quercus robur (Common Oak)	EM	11	400	Fair	Fair/Poor. Fair vitality. Some potentially weak unions in crown structure. Recently topped.	C2
T	2722	Acer platanoides (Norway Maple)	EM	5	350	Good	Fair. Good vitality. Some potentially weak unions in crown structure. Tree topped by ESB to create bush-like form. Some limits decay in pruning wounds.	C2
T	2723	Fraxinus excelsior (Ash)	M	14	500	Fair	Fair. Compacted root-zone. Some previous root damage. Unbalanced crown shape.	B2
T	2735	Acer pseudoplatanus (Sycamore)	EM	12	300	Good	Fair. Upright form. Growing on bank behind wire fence.	C2
T	2738	Fraxinus excelsior (Ash)	M	22	1000	Poor	Poor. Large specimen tree. Thick Ivy growth on tree restricting view of main branch unions. Unable to fully inspect stem due to undergrowth. Unbalanced crown shape. Significant decay cavity on main stem now exposed. Dieback and epicormic growth evident.	U
T	2739	Fraxinus excelsior (Ash)	M	22	791	Poor	Fair. Low vitality. Large specimen tree. Thick Ivy growth on tree restricting view of main branch unions. Scattered minor deadwood. Bacterial canker present on branches on northern crown side.	C2
T	2741	Fraxinus excelsior (Ash)	M	17	750	Poor	Fair/Poor. Declining. Large specimen tree growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Unbalanced crown shape. Significant dieback in crown. Minor deadwood in crown. Excessive Ivy growth in crown. Bacterial canker present on branches.	U
T	2742	Fraxinus excelsior (Ash)	M	19	800	Poor	Fair. Growing on edge of ditch. Thick Ivy growth on tree restricting view of main branch unions. Dieback in crown. Minor deadwood in crown. Sparse foliage and late bud break. Borderline category U.	C2
T	1170	Aesculus hippocastanum (Horse Chestnut)	SM	6	250	Fair	Fair. Smaller sized tree on fairway. Recently topped.	C2
T	1171	Acer platanoides (Norway Maple)	SM	5	350	Fair	Fair/Poor. Smaller sized tree. Wood decay in old wound at stem base. Recently topped by ESB contractors.	C2
T	1172	Acer platanoides (Norway Maple)	SM	8	350	Fair	Poor. Crack developing below tight compression fork on main stem.	U
T	1173	Prunus spp. (Cherry)	M	4	350	Fair	Fair. Some damage to surface roots.	B2
T	1174	Prunus spp. (Cherry)	M	4.5	350	Fair	Fair. Some damage to surface roots.	B2
T	1175	Acer platanoides (Norway Maple)	EM	7.5	350	Fair	Fair. Smaller sized tree. Poor shape & form. Some bark wounds to stem base. Recently topped by ESB contractors.	C2

Tree Removal Schedule
Hollystown Phase 2 3
December 2021

Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	1176	<i>Fagus sylvatica</i> (Beech)	EM	11	600	Fair	Fair/Poor. Smaller sized tree with a low spreading form. Some bark dysfunction on stem (possibly canker).	C2
T	1177	<i>Aesculus hippocastanum</i> (Horse Chestnut)	SM	8	300	Poor	Fair/Poor. Smaller sized tree. Some damage to surface roots and some bark wounds to stem base. Broken branches in crown from recent storm damage. Bleeding canker present on stem/branches.	U
T	1179	<i>Pseudotsuga menziesii</i> (Douglas Fir)	SM	9	350	Good	Good. Smaller sized tree.	C2
T	1180	<i>Pinus sylvestris</i> (Scots Pine)	SM	6	250	Fair	Fair. Smaller sized tree. Main leader dead/missing. Previously topped by ESB contractors.	C2
T	1181	<i>Pinus sylvestris</i> (Scots Pine)	EM	9	350	Good	Good. Good vitality. Smaller sized tree of good shape/form.	C2
T	1182	<i>Fraxinus excelsior</i> (Ash)	M	12	550	Fair	Poor. Suckers around stem base. Significant basal decay. Remains of old decayed stem, with younger regrowth extending south.	U
T	1183	<i>Fraxinus excelsior</i> (Ash)	M	16	600	Poor	Poor. Thick Ivy growth on tree stem restricting view of main branch unions. Decay column likely in main stem, with <i>Inonotus hispidus</i> brackets visible. Bacterial canker present on branches. Borderline category U.	C2
T	1183.1 no tag	<i>Fraxinus excelsior</i> (Ash)	OM	19	700	Poor	Bad. Thick Ivy growth on tree stem restricting view of main branch unions. Decay column in main stem, with large cavity to south.	U
T	1186	<i>Betula pendula</i> (Silver Birch)	M	13	450	Good	Fair. Medium sized tree. Good shape/form.	B2
T	1 No tag	<i>Betula pendula</i> (Silver Birch)	M	16.5	400	Good	Fair. Some damage to surface roots. Stem divides above 1.5m. Some bark wounds to stem base.	B2
T	2 No tag	<i>Fraxinus excelsior</i> (Ash)	M	15	450	Poor	Fair. Growing on edge of ditch. Epicormic growth and dieback. Borderline cat U.	C2
T	3 No tag	<i>Fraxinus excelsior</i> (Ash)	EM	13	400	Poor	Fair. Growing on edge of ditch. Epicormic growth and dieback.	U
T	4 No tag	<i>Fraxinus excelsior</i> (Ash)	EM	12	400	Poor	Fair/Poor. Growing on edge of ditch. Bacterial canker present on stem/branches.	U
T	6 No tag	<i>Fraxinus excelsior</i> (Ash)	M	16	700	Poor	Poor. Significant historic storm damage with main leader now missing. <i>Inonotus hispidus</i> bracket present indicating internal wood decay.	U
T	5 No tag	<i>Fraxinus excelsior</i> (Ash)	M	14	500	Fair	Fair. Growing on edge of ditch.	C2
T	7 No tag	<i>Fraxinus excelsior</i> (Ash)	M	15	500	Fair	Fair. Growing on edge of ditch.	C2
T	1631	<i>Fraxinus excelsior</i> (Ash)	M	13	800	Poor	Fair/Poor. Low vitality. Declining. Growing in hedgerow. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Tree choked with Ivy, sparse foliage, thinning canopy with moderate deadwood.	C2
T	1632	<i>Fraxinus excelsior</i> (Ash)	EM	9	457	Poor	Fair. Low vitality. Historic root damage reflected in condition of crown, deadwood, low vitality.	U
T	1633	<i>Fraxinus excelsior</i> (Ash)	EM	10	461	Poor	Fair/Poor. Low vitality. Stem divides below 1.5m. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Unable to inspect fork due to Ivy.	U
T	1633.1 no tag	<i>Fraxinus excelsior</i> (Ash)	EM	10	461	Poor	Fair/Poor. Low vitality. Stem divides below 1.5m. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Unable to inspect fork due to Ivy.	U
T	1634	<i>Fraxinus excelsior</i> (Ash)	EM	10	450	Poor	Fair/Poor. Low vitality. Declining. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	U

Tree Removal Schedule
Hollystown Phase 2 3
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Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	1635	Fraxinus excelsior (Ash)	M	10	550	Poor	Poor. Declining. Some previous root damage. Significant dieback in crown. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	U
T	1637	Fraxinus excelsior (Ash)	SM	9.5	350	Poor	Fair/Poor. Low vitality. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy.	U
T	1638	Fraxinus excelsior (Ash)	M	14	950	Poor	Poor. Low vitality. Significant dieback in crown. Major deadwood in crown. Historic root damage reflected in condition of crown, deadwood, low vitality. Overgrown with Ivy. Twin stem has snapped off leaving significant decay cavity.	U
T	1647	Fraxinus excelsior (Ash)	EM	8	610	Poor	Poor. Low vitality. Declining. Small tree growing in hedgerow. Thick Ivy growth on tree stem. Fungal brackets visible on stem. Significant decay column in main stem.	U
T	1648	Fraxinus excelsior (Ash)	EM	12.5	470	Poor	Poor. Low vitality. Growing in hedgerow. Spoil built up near tree. Thick Ivy growth on tree stem. Significant dieback in crown. Decay at base.	U
T	1649	Fraxinus excelsior (Ash)	M	16	620	Poor	Fair. Spoil built up near tree. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Dieback.	U
T	1650	Fraxinus excelsior (Ash)	M	16.5	673	Poor	Poor. Low vitality. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Slight thinning of upper crown. Twin stem/adjacent tree growing 1m away. Stem leaning and rubbing on main tree. Tree covered in Ivy, canopy mainly Ivy. Borderline category U.	C2
T	1651	Fraxinus excelsior (Ash)	EM	14	460	Poor	Poor. Low vitality. Growing in hedgerow. Spindly. Some previous root damage. Major bark wounding on stem. Minor dieback in crown. Minor deadwood in crown. Spindly stunted specimen.	U
T	1652	Fraxinus excelsior (Ash)	M	15.5	710	Poor	Poor. Low vitality. Declining. Growing in hedgerow. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Suspected decay cavities underneath Ivy.	U
T	1653	Fraxinus excelsior (Ash)	M	15.5	650	Poor	Poor. Virtually dead. Growing in hedgerow. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Large decay cavity on stem. Significant dieback in crown. Major deadwood in crown. Very much in decline/half dead.	U
T	1654	Fraxinus excelsior (Ash)	M	15.5	740	Poor	Poor. Low vitality. Declining. Growing in hedgerow. Some previous root damage. Spoil built up near tree. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Large decay cavity on stem. Major deadwood in crown. Excessive Ivy growth in crown. Half dead.	U
T	1655	Fraxinus excelsior (Ash)	M	14	480	Poor	Poor. Low vitality. Declining. Spindly. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Significant dieback in crown. Excessive Ivy growth in crown. Poor specimen.	U
T	1656	Fraxinus excelsior (Ash)	M	16	580	Poor	Fair/Poor. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Slight thinning of upper crown. Deadwood in crown. Excessive Ivy growth in crown.	U
T	1657	Fraxinus excelsior (Ash)	M	15	690	Poor	Fair/Poor. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Broken branches in crown. Dieback in crown. Excessive Ivy growth in crown.	U

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Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	1658	Fraxinus excelsior (Ash)	M	16	955	Poor	Poor. Low vitality. Declining. Some previous root damage. Ivy restricts view of main branch unions. Unable to inspect stem due to Ivy. Twin stem from ground level. Significant dieback in crown. Major deadwood in crown. Excessive Ivy growth in crown. In decline.	U
T	1659	Fraxinus excelsior (Ash)	M	12	671	Poor	Fair/Poor. Low vitality. Some previous root damage. Twin stem from ground level. Included bark present in fork. Excessive Ivy growth in crown. Borderline category U.	C2
T	1660	Fraxinus excelsior (Ash)	EM	11	350	Poor	Fair/Poor. Low vitality. Declining. Spindly. Some previous root damage. Ivy restricts view of main branch unions. Minor deadwood in crown. Significant thinning of crown.	U
T	1661	Fraxinus excelsior (Ash)	SM	10	280	Poor	Fair/Poor. Low vitality. Declining. Spindly. Some previous root damage. Ivy restricts view of main branch unions. Significant thinning of crown and moderate deadwood. Mechanical damage to stem.	U
T	1662	Fraxinus excelsior (Ash)	EM	13	368	Poor	Fair/Poor. Low vitality. Growing on edge of ditch. Some previous root damage. Spoil built up near tree. Some bark wounds to stem base. Slight thinning of upper crown. Low bud/leaf density.	U
T	1663	Fraxinus excelsior (Ash)	EM	13	280	Poor	Poor. Low vitality. Growing on edge of ditch. Spindly. Some previous root damage. Spoil built up near tree. Some bark wounds to stem base. Slight thinning of upper crown. Low bud/leaf density. Minor deadwood in crown. Poor specimen. Borderline cat U.	C2
T	1666	Fraxinus excelsior (Ash)	OM	16	1000	Poor	Poor. Low vitality. Some previous root damage. Decay in wounds to root flair/buttress. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Fungal brackets visible on stem. Major bark wounding on stem. Large decay cavity on stem. Recent tear out wound on main stem.	U
T	1664	Fraxinus excelsior (Ash)	EM	13	280	Poor	Poor. Low vitality. Spindly. Some previous root damage. Major bark wounding on stem. Low bud/leaf density. On other side of ditch	U
T	1665	Fraxinus excelsior (Ash)	SM	12	302	Poor	Fair/Poor. Low vitality. Some previous root damage. Multiple stems at ground level. Some bark wounds to stem base. Low bud/leaf density. Borderline cat U.	C2
T	1667	Fraxinus excelsior (Ash)	M	14	700	Poor	Poor. Low vitality. Declining. Some previous root damage. Thick Ivy growth on tree stem restricting view of stem and main branch unions. Decay column in main stem. Minor dieback in crown. Slight thinning of upper crown. Low bud/leaf density. <i>Inonotus hispidus</i> brackets present in main stem, though extent of decay obscures by Ivy. Borderline cat U.	C2
T	9 no tag	Fraxinus excelsior (Ash)	M	15	500	Poor	Fair/Poor. Some previous root damage. Exposed and damaged roots. Thick Ivy growth on tree stem. Epicormic growth in crown.	C2
T	10 no tag	Fraxinus excelsior (Ash)	M	10	450	Fair	Fair. Thick Ivy growth on tree stem. Unable to inspect stem due to undergrowth.	C2
T	1860	Acer platanoides (Norway Maple)	SM	7	280	Fair	Fair. Smaller sized tree. Average shape/form. Epicormic shoots on branching throughout crown.	C2
T	1861	Prunus spp (Flowering Cherry)	EM	9	400	Fair	Poor. Fair vitality. Significant basal decay.	U
T	1862	Prunus spp (Flowering Cherry)	EM	9	500	Fair	Fair. Average shape/form. Some old wounds on stem.	C2

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Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
T	1863	Acer platanoides (Norway Maple)	EM	10	400	Fair	Fair. Average shape/form. Some damage to surface roots.	B2
T	1864	Quercus robur (Common Oak)	EM	10	350	Fair	Fair. Average shape/form. Minor deadwood in crown. Epicormic shoots on branching throughout crown.	B2
T	1865	Acer platanoides (Norway Maple)	EM	9	400	Fair	Fair/Poor. Compression fork on main stem at 1.6m.	C2
T	1866	Sorbus aria (Whitebeam)	SM	6	250	Fair	Fair. Smaller sized tree. Compacted root-zone.	C2
T	1867	Fraxinus excelsior (Ash)	SM	9	280	Fair	Fair. Smaller sized tree. Multiple stems above 1.5m. Epicormic shoots on branching throughout crown.	C2
T	1868	Sorbus aria (Whitebeam)	EM	6	250	Fair	Fair. Smaller sized tree. Good shape/form.	C2
T	1871	Acer platanoides (Norway Maple)	EM	8.5	400	Fair	Fair. Some bark wounds to lower stem. Epicormic shoots on branching throughout crown.	C2
T	1872	Aesculus hippocastanum (Horse Chestnut)	SM	7	400	Fair	Fair. Smaller sized tree. Stem divides above 1.5m. Some bark wounds to lower stem.	C2
T	1873	Aesculus hippocastanum (Horse Chestnut)	SM	6.5	300	Poor	Fair/Poor. Smaller sized tree. Bleeding canker lesions on stem-branches.	U
T	1874	Crataegus monogyna (Hawthorn)	OM	7	424	Poor	Poor. Fair vitality. Significant basal decay. Unbalanced crown shape.	U
T	1875	Aesculus hippocastanum (Horse Chestnut)	SM	5	250	Fair	Fair. Smaller sized tree. Upright form.	C2
T	1876	Betula pendula (Silver Birch)	SM	8	150	Poor	Fair/Poor. Slender form. Upright form. Dieback in crown.	U
T	1877	Betula pendula (Silver Birch)	EM	10	250	Fair	Fair/Poor. Poor shape & form. Wood decay in old wound at stem base. Storm damaged branches in crown.	C2
T	1878	Fraxinus excelsior (Ash)	SM	8	350	Poor	Fair. Dieback in crown. Decay and dysfunction of bark on main stem from ground level to 3m.	U
T	1879	Fraxinus excelsior (Ash)	SM	8	350	Poor	Fair. Smaller sized tree. Epicormic shoots on branching throughout crown. Bacterial canker present on branches.	C2
H	2	Crataegus monogyna (Hawthorn) Acer pseudoplatanus (Sycamore) Fagus sylvatica (Beech)	EM M	3	200	Fair	Fair. Short section of roadside hedge south of entrance into old golf course. Includes old Beech stump with live growth and single young Sycamore 2735.	C2
H	6	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash) Crataegus monogyna (Hawthorn) Prunus spinosa (Blackthorn) Sambucus nigra (Elder)	M	12	100	Poor	Fair/Poor. Fragmented hedge/tree-line along drainage ditch. Lower growth of mostly hawthorn bushes with taller emergent older Ash trees, all of which are in poor condition. Root damage from previous groundworks is likely to have contributed to decline of trees. Ash Dieback disease now significant impact on tree health.	U C2

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Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
Woodlands, Hedges & Additional Groups With Sections Being Removed To facilitate Development								
W	2	Quercus robur (Oak) Fagus sylvatica (Beech) Fraxinus excelsior (Ash) Pinus sylvestris (Scots Pine) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder)	SM			Fair	Fair. Young woodland plantation containing a range of species planted at 1.5-2m spacing. Mostly young Oak in central part of plantation. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. Trees mostly 100-200mm dbh, with some woodland edge trees 250-300mm. Most trees 10-14m tall. No thinning or other management activity in recent years.	C2
W	3	Acer platanoides (Norway Maple) Fraxinus excelsior (Ash) Sambucus nigra (Elder) Crataegus monogyna (Hawthorn)	M EM SM			Fair	Fair. Area of scrub woodland adjacent to the drainage ditch and underneath the high voltage power lines. Mostly mature Hawthorn bushes in fair condition alongside the ditch. Mixed Maples and Elder under the conductors; most of which have been crudely topped by recent ESB works. Some older Ash stems in fair condition at western end of group.	C2
W	5	Quercus robur (Oak) Fagus sylvatica (Beech) Fraxinus excelsior (Ash) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder) Pinus sylvestris (Scots Pine)	SM EM			Fair	Fair. Young woodland plantation containing a range of species planted at 1.5-2m spacing. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. <100-400mm dbh, most trees 10-17m tall. No thinning or other management activity in recent years.	C2
W	6	Quercus robur (Oak) Fraxinus excelsior (Ash) Larix spp. (Larch) Pseudotsuga menziesii (Douglas Fir) Sambucus nigra (Elder) Pinus sylvestris (Scots Pine)	SM EM			Fair	Fair. Young woodland plantation containing a range of species planted at 1-1.5m spacing. Condition is variable with some well developed stems and other suppressed or dead trees. Thick Elder understorey. <100-400mm dbh, most trees 10-17m tall. No thinning or other management activity in recent years.	C2
W	7	Pinus sylvestris (Scots Pine)	EM	15	300	Good	Fair. Good vitality. Plantation of Pine trees. 1-2m spacing.	C2 B2
G	14	Fraxinus excelsior (Ash) Betula pendula (Birch)	SM	8	250	Fair	Fair. Group of mixed species young trees planted as part of golf course landscape. Fair condition, although Ash trees have epicormic growth developing.	C2

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Type	No.	Species	Age	Ht m	Dbh mm	Phys Cond	Structural Condition/Comments	Cat
H	3	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash) Sambucus nigra (Elder) Ulmus glabra (Wych Elm)	EM	6	100	Poor	Fair/Poor. Old agricultural hedge running along drainage ditch. Lower growth of Hawthorn, with some semi-mature Ash and Elm. Almost all Elm now standing dead. Larger old trees (Ash, Sycamore and Poplar 2738-2749) in mostly poor condition spaced along ditch.	C2 U
H	5	Crataegus monogyna (Hawthorn) Fraxinus excelsior (Ash)	EM	5	200	Poor	Fair. Old agricultural hedgerow, left unmanaged for many years. Mostly Hawthorn bushes of 3-5m tall, with some younger Ash mixed in. Older mature Ash trees spaced out along hedge-line, all of which are in poor condition. Very thick Ivy and undergrowth around the trees. Some root damage likely as a result of ground works inside derelict field.	C2