

Tree Survey and Arboricultural Constraints

HERDMANFAT HOSPITAL, HADDINGTON

For

HUB SOUTH EAST SCOTLAND LTD

28 September 2021

Institute of Chartered Foresters
Registered Consultant

Fairlie House, Main Street, Buchlyvie, Stirling FK8 3LX
Tel: 01360 850534 | Mobile: 07866 389284 | Email: alan@alanmotion.co.uk
Director: Alan R Motion MBE, BScFor, FICFor, CEnv, MArborA. Reg No: SC396461

Contents

1. GENERAL INTRODUCTION

1.1. Alan Motion Tree Consulting Ltd has been instructed to carry out a tree survey for Hub South East Scotland Ltd, in relation to proposed development on land at Herdmanfat Hospital, Haddington. This report relates to 369 trees and groups within the survey boundary shown on the plans appended to this document. The report describes the extent and condition of tree cover within and immediately adjacent to the site and highlights the above and below ground constraints presented by existing tree cover.

1.2. The survey has been carried out in accordance with BS5837:2012 "Trees in relation to design, demolition and construction – Recommendations." Small trees of less than 10cm stem diameter, and areas of undergrowth are described in general terms but are not recorded in detail, except where their condition or presence merits particular attention. Within larger groups and woodlands, trees are described collectively except where dominant specimens merit individual recording.

2. STANDARD CONDITIONS RELATING TO TREE SURVEYS

2.1. Tree surveys are undertaken from ground level using established visual assessment methodology. This is primarily a survey to assess the general health, condition, value and life expectancy of existing trees as part of the planning and design process. The report should not be read as a detailed tree safety or risk assessment.

2.2. Where obvious defects are noted and further investigation is required, either by climbing or the use of specialised decay detection equipment, this will be identified in the report.

2.3. The findings and recommendations contained within this report are valid for a period of twelve months. Trees are living organisms subject to change. It is strongly recommended that they are inspected at regular intervals for reasons of safety.

2.4. Whilst every effort has been made to detect defects within the trees inspected, no guarantee can be given as to the absolute safety or otherwise of any individual tree. Extreme climatic conditions can cause damage to apparently healthy trees.

2.5. The findings and recommendations contained within this report are based on the current site conditions. The construction of roads, buildings, service wayleaves, removal of shelter, and alterations to established soil moisture conditions can all have a detrimental effect on the health and stability of retained trees. Accordingly, a re-inspection of retained trees is recommended on completion of any development operations.

2.6. This report has been prepared for the sole use of Hub South East Scotland Ltd and their appointed agents. Any third party referring to this report or relying on information contained within it does so entirely at their own risk.

3. GENERAL DESCRIPTION

3.1. The site is a vacant hospital, approximately 5.85 hectares in area including buildings. It site slopes gently from north to south. To the north of the site is the busy A199, separated from the site by a roadside stand of mature pines and beech; to the west and east are residential areas bounded by public roads; and to the south an ambulance service depot and residential units. Buildings are concentrated in the northern part of the site.

3.2. The majority of the site is open space with a mixture of mature woodland, individual trees, and groups of younger trees. There are a number of grass mown footpaths in and around the woodlands and the site is well used by the public.

3.3. A significant woodland group extends along the western boundary with Aberlady Road. This contains a mixture of Scots pine, beech, Lawson cypress and larch.

3.4. The eastern boundary with Hopetoun Mews is marked by a significant group of trees, dominated by Scots pine and common lime. A small group of pine, larch and beech within this area have died. There is no obvious cause.

3.5. Several groups of young and semi-mature trees have established into the central open space in the southern half of the site. One extensive group of gean suckers extends east from the western woodland. This is of low quality. Remaining groups have potential to develop, although currently do not have the same amenity value as the more-mature trees and groups.

3.6. Tree condition generally is fairly good with little evidence of the commoner decay fungi. However most of the mature limes have vast amounts of epicormic growth at their bases, meaning that their condition could not be properly assessed, and in some cases tags could not be attached.

4. STATUTORY PROTECTION

4.1. The position with regards to statutory protection of trees has not been confirmed. No work should be undertaken without confirming the position with the local planning authority.

5. TREE SURVEY AND ANALYSIS

5.1. A visual assessment has been carried out from the ground level of 369 trees and groups within and immediately adjacent to the site. The location of the trees is plotted on the attached Tree Survey Plan, and their condition and any recommended remedial works are recorded in detail in Table 2 of this document. This records relevant details in accordance with the recommendations contained in BS 5837:2012, and includes:

- Tree number (Tree tag number where used, or plan reference number)
- Tree species (common name)
- Stem diameter at breast height (1.5m above ground level)
- Canopy spread in metres (N, S, E, W)
- Tree height (estimate in metres)
- Crown height (clearance to lowest branches in metres)
- Tree Condition Category
- General condition (good, fair, poor, dead)
- Age (Young, Early-mature, middle-aged, mature, over-mature, veteran)
- Whether single or multi-stemmed
- Estimated Remaining Contribution in years
- Comments and observations on the overall health and condition of the tree, highlighting any problems or defects

- Recommended remedial works, where necessary
- Impacts of any development proposals

5.2. Where appropriate, recommendations have been made on necessary remedial action such as tree surgery or felling. This is specified where there is likely to be significant risk to safety or tree health, or to abate a nuisance. The recommendations are general in nature and do not constitute a detailed work specification. Specifications, where required, can be provided to accord with the guidance and recommendations contained in BS3998:2010, "Tree work – Recommendations." Any recommendations are made on the basis that they are undertaken by a suitably qualified arboricultural contractor.

5.3. The trees have been tagged with round 4-digit tags ranging from 501-800; 1001-1048; and 4014-4048. Where trees are inaccessible they are referred to by the preceding tag number and letter suffix. Closely-grouped trees of similar character may be referred to collectively as a group with a single tag number.

5.4. Trees have been categorised in accordance with the guidelines contained in BS 5837 as follows:

241 Category A

110 Category B

33 Category C

12 Category U

5.5. For details of the tree categorisation, refer to Table 1.

5.6. The purpose of the tree categorisation method is to identify the quality and value of the existing tree stock, allowing informed decisions to be made concerning which trees could be removed or retained in the event of development occurring. The presence of trees and their quality is only one factor in the design and planning process, and the retention of good quality, healthy trees may be inappropriate in the context of wider planning and development considerations.

5.7. Young trees of <15cm stem diameter, and trees in Categories C and U with limited safe life or poor health and/or structure, are not normally considered to be a significant constraint on development.

6. CONSTRAINTS POSED BY EXISTING TREES

6.1. In order to minimise the risk of long-term damage to trees from construction operations, particular care is required to protect them from physical damage. Significant damage can be caused to tree root systems by ground level changes; soil compaction; contamination from oils and cement; and changes in soil moisture content. For these reasons, BS 5837:2012 '*Trees in relation to design, demolition and construction – Recommendations*' sets out a recommended Root Protection Area (RPA) in m^2 based on the stem diameter of the tree. The RPA represents the anticipated below-ground constraints presented by trees within the proposed development area.

6.2. Tree roots rarely follow expected patterns. Adjustments to the RPA may be recommended where restrictions to normal rooting patterns suggest that root growth will be minimal (*e.g.* adjacent to walls, sealed surfaces, watercourses, or existing utility trenches). In addition, soil type, tree species, age, vigour, canopy volume and micro-climate will all impact on root growth and the ability of individual trees to tolerate changes in rooting environment. For all of the foregoing reasons, the RPA should be taken as a guide, and should not be treated as an absolute factor.

6.3. Above-ground constraints presented by trees include ultimate height and canopy spread, which will affect both physical presence and daylight availability to any proposed structures. Species characteristics, such as evergreen or dense foliage, potential for branch drop, fruit fall, *etc*, will all have an influence on the potential for development of the site. Easements for underground and above-ground apparatus; road safety and visibility; or the proposed end use of space adjacent to retained trees also needs to be fully considered.

6.4. Where it is determined that trees should be retained because of their quality and amenity importance, the impact of proposed designs must be assessed against the requirements of the tree, taking into account the RPA and all other relevant factors. Whilst the RPA should generally be protected where possible, any proposed incursion into the RPA should comply with the recommendations of BS5837, Sections 6 and 7. Site-specific method statements may be required to accompany such proposals.

7. TREE CONSTRAINTS

7.1. The majority of the mature trees around the site perimeter are of good quality and significant amenity value. They will present significant constraints on any proposed redevelopment.

7.2. The group of smaller ornamental trees immediately to the north of the existing hospital buildings are of lesser significance (tag numbers 4037-4052), and these could potentially be removed, without any significant impact on local amenity. The tree belt to the north of the site boundary within the A199 road verge would maintain screening in this location.

7.3. The younger groups of trees extending into the central open space in the southern half of the site have good potential, but they do not contribute significantly to local amenity at the present time. It may be acceptable to lose some of this tree cover, to allow sensible redevelopment of the site.

7.4. The larger group of mature trees along the western boundary would benefit from thinning to open up the canopy and allow long-term development of the dominant trees within the woodland. This group will present constraints due to shading through the main late spring – late autumn months.

7.5. The Tree Survey and Constraints Plan attached provides recommended Construction Exclusion Zones, based on BS5837 guidelines.

TABLE 1 BS 5837:2012 TREE CATEGORISATION				
Category and definition	**Criteria**			**Identification on plan**
Category U Those 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	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other U Category trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE : *Category U trees can have existing or potential conservation value which it might be desirable to preserve*.			**Red**
TREES TO BE CONSIDERED FOR RETENTION				
Category and definition	**Criteria – Subcategories**			**Identification on plan**
	1 Mainly arboricultural values	**2 Mainly landscape values**	**3 Mainly cultural values, including conservation**	
Category A **Trees of high quality** with an estimated remaining life expectancy of 40 years	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural features and/or landscape features.	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	**Green**
Category B **Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years	Trees that might be included in Category A, but are downgraded because of impaired condition (*e.g.* presence of significant though remediable defects including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention beyond 40 years; or trees lacking the special quality necessary to merit the Category A designation	Trees present in numbers, usually as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value	**Blue**
Category C **Trees of low quality** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them a greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	**Grey**

TABLE 2 TREE SURVEY SCHEDULE

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
501	Common lime	0.10	3	3	3	2	14	3	B2	Fair	M	1	20 to 40	Significant dieback, stag-headed.	
502	Common lime	0.40	2	2	3	3	14	3	B2	Fair	M	1	20 to 40	Significant dieback, stag-headed.	
503	Common lime	0.35	3	3	2	3	14	3	A2	Good	M	1	>40		
504	Common lime	0.45	4	4	3	3	15	3	B2	Fair	M	1	20 to 40	Minor crown dieback.	
505	Common lime	0.50	2	5	3	3	14	3	B2	Fair	M	1	20 to 40	Minor crown dieback.	
506	Common lime	0.45	4	3	3	3	14	3	A2	Good	M-A	1	>40		
507	Common lime	0.45	2	3	3	3	14	3	B2	Fair	M	1	20 to 40	Minor crown dieback.	
508	Common lime	0.45	4	3	3	3	14	3	A2	Good	M	1	>40		
509	Common lime	0.40	3	3	3	3	14	3	A2	Good	M	1	>40	Minor crown dieback.	
510	Common lime	0.45	3	3	3	3	16	3	A2	Good	M	1	>40	Minor crown dieback.	
511	Common lime	0.60	3	2	3	3	16	3	A2	Fair	M	1	>40	Minor crown dieback.	
512	Common lime	0.50	3	2	3	4	18	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
513	Common lime	0.60	2	3	3	3	17	3	A2	Fair	M	1	>40	Major dead wood (>50mm dia).	
514	Common lime	0.45	3	3	5	4	18	3	A2	Fair	M	1	>40	Minor dead wood (<50mm dia).	
515	Common lime	0.65	3	4	3	3	18	3	A2	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
516	Common lime	0.60	4	3	4	5	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
517	Common lime	0.60	3	3	4	4	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
518	Common lime	0.55	4	3	5	4	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
519	Common lime	0.60	3	4	5	5	17	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
520	Common lime	0.80	3	6	6	5	18	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
521	Beech	0.75	6	5	6	6	17	3	A1	Good	M	1	>40	Included bark, compression fork. No tag	
522	Leyland cypress	0.45	3	3	3	3	12	3	C2	Poor	M	1	10 to 20	Significant dieback, stag-headed.	
523	Lawson cypress	0.45	2	2	2	2	14	3	B2	Good	M	1	20 to 40	Canopy suppressed.	
524	Larch	0.50	6	3	6	2	14	3	B2	Fair	M	1	20 to 40	Stem lean. Canopy 1-sided. Major dead wood (>50mm dia).	
525	Beech	0.55	5	6	6	5	19	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
526	Scots pine	0.45	3	4	2	3	16	3	A2	Good	M	1	>40		
527	Norway maple	0.30	4	3	2	4	13	3	B2	Fair	M	1	20 to 40	Included bark, compression fork. Canopy suppressed.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
528	Scots pine	0.45	1	2	2	3	15	3	B2	Fair	M	1	20 to 40	Canopy suppressed.	
529	Scots pine	0.70	4	2	4	4	15	3	A2	Good	M	1	>40	Included bark, compression fork. Forks at 1. 5m	
530	Beech	0.45	2	6	6	2	15	3	B2	Good	M	1	20 to 40	Canopy 1-sided.	
531	Scots pine	0.35	3	3	3	2	15	3	B2	Good	M	1	20 to 40	Minor dead wood (<50mm dia). Small high crown	
532	Scots pine	0.50	3	5	4	3	18	3	B2	Fair	M	1	20 to 40	Crown needs reshaped to make it an A	
533	Scots pine	0.35	2	3	2	2	15	3	A2	Good	M	1	>40	Canopy suppressed.	
534	Scots pine	0.40	3	3	2	2	17	3	A2	Good	M	1	>40		
535	Scots pine	0.35	2	3	2	2	14	3	B2	Fair	M	1	20 to 40	Canopy suppressed.	
536	Scots pine	0.60	3	4	3	5	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
537	Scots pine	0.40	2	3	2	2	16	3	B2	Fair	M	1	20 to 40	Stem lean. Slightly misshapen crown	
538	Scots pine	0.40	3	3	3	3	15	3	B2	Good	M	1	20 to 40	Minor dead wood (<50mm dia).	
539	Scots pine	0.35	1	2	1	2	15	3	B2	Fair	M	1	20 to 40	Canopy 1-sided.	
540	Scots pine	0.40	1	3	2	2	15	3	B2	Fair	M	1	20 to 40	Stem lean. Ivy growth obscuring detailed assessment. Canopy 1-sided.	
541	Scots pine	0.55	2	4	4	3	15	3	B2	Fair	M	1	20 to 40	Ivy growth obscuring detailed assessment. Stem lean. Canopy 1-sided.	
542	Scots pine	0.55	2	2	4	2	17	3	B2	Fair	M	1	20 to 40	Ivy growth obscuring detailed assessment. Canopy 1-sided.	
543	Scots pine	0.45	1	2	2	2	16	3	C2	Fair	M	1	10 to 20	Ivy growth obscuring detailed assessment. Canopy suppressed. Small high crown	
544	Scots pine	0.40	2	2	2	2	17	3	B2	Fair	M	1	20 to 40	Canopy suppressed. Small high crown	
545	Scots pine	0.45	2	2	2	3	18	3	B2	Good	M	1	20 to 40	Ivy growth obscuring detailed assessment.	
546	Scots pine	0.50	2	3	2	5	16	3	A2	Good	M	1	>40	Canopy 1-sided.	
547	Scots pine	0.40	4	2	3	4	17	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
548	Beech	0.45	4	4	5	4	16	3	A2	Good	M	1	>40		
549	Beech	0.60	4	5	5	3	18	3	A2	Good	M	1	>40	Included bark, compression fork. Ivy growth obscuring detailed assessment.	
550	Larch	0.20	1	1	4	1	9	3	C2	Fair	E-M	1	10 to 20	Canopy suppressed.	
551	Beech	0.50	5	4	5	4	16	3	B2	Good	M	1	20 to 40	Included bark, compression fork.	
552	Larch	0.25	2	2	2	2	11	3	U	Poor	E-M	1	<10	Canopy suppressed.	
553	Lawson cypress	0.25	1	2	1	1	12	3	B2	Good	E-M	1	20 to 40	Canopy 1-sided.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
554	Lawson cypress	0.40	2	2	1	2	13	3	B2	Good	M	1	20 to 40		
555	Lawson cypress	0.15	1	1	1	1	10	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
556	Lawson cypress	0.25	2	1	1	1	12	3	C2	Fair	E-M	1	10 to 20	Canopy suppressed.	
557	Lawson cypress	0.25	1	2	1	1	13	3	C2	Fair	E-M	1	10 to 20	Canopy suppressed.	
558	Lawson cypress	0.15	1	1	1	1	9	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
559	Lawson cypress	0.30	2	2	1	2	16	3	B2	Good	M	1	20 to 40	Canopy 1-sided.	
560	Lawson cypress	0.20	1	1	1	1	10	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
561	Lawson cypress	0.40	1	1	1	2	15	3	B2	Good	M	1	20 to 40		
561	Lawson cypress	0.25	1	1	2	1	14	3	C2	Fair	E-M	1	10 to 20	Ivy growth obscuring detailed assessment. Canopy suppressed. Not tagged	
561	Lawson cypress	0.25	1	1	2	1	15	3	B2	Good	E-M	1	20 to 40	Ivy growth obscuring detailed assessment. Canopy 1-sided. Not tagged	
562	Larch	0.25	2	3	1	1	10	3	C2	Fair	M	1	10 to 20	Canopy suppressed.	
563	Scots pine	0.45	2	5	1	3	16	3	A2	Good	M	1	>40	Canopy 1-sided.	
564	Scots pine	0.55	3	4	2	2	18	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
565	Scots pine	0.30	2	3	3	2	16	3	A2	Fair	M	1	>40	Ivy growth obscuring detailed assessment.	
566	Beech	0.40	3	4	3	4	15	3	A2	Good	M	1	>40	Included bark, compression fork. Ivy growth obscuring detailed assessment.	
567	Larch	0.30	4	3	2	2	18	3	B2	Fair	M	1	20 to 40	Ivy growth obscuring detailed assessment. Minor dead wood (<50mm dia).	
568	Larch	0.30	2	4	3	3	16	3	B2	Good	M	1	20 to 40	Ivy growth obscuring detailed assessment.	
569	Scots pine	0.50	3	5	4	3	18	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
570	Scots pine	0.40	3	3	3	2	16	3	A2	Good	M	1	>40	Major dead wood (>50mm dia).	
571	Scots pine	0.50	2	4	2	2	17	3	A2	Good	M	1	>40	Major dead wood (>50mm dia).	
572	Scots pine	0.50	3	4	3	3	17	3	A2	Good	M	1	>40	Major dead wood (>50mm dia).	
573	Scots pine	0.55	2	4	3	4	16	3	A2	Good	M	1	>40	Major dead wood (>50mm dia).	
574	Scots pine	0.45	3	2	2	2	17	3	U	Dying	M	1	<10	Significant dieback, stag-headed. Dying, no obvious cause. Beech and larch to north also dead	
575	Beech	0.45	3	3	3	3	16	3	U	Dead	M	1			
576	Larch	0.40	3	3	3	3	14	3	U	Dead	M	1			

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
577	Larch	0.25	4	2	2	2	14	3	B2	Good	M	1	20 to 40		
578	Larch	0.35	3	1	2	2	14	3	B2	Fair	M	1	20 to 40	Minor dead wood (<50mm dia).	
579	Beech	0.50	4	4	4	4	17	3	U	Dying	M	1	<10	Significant dieback, stag-headed. Crown 75% dead	
580	Scots pine	0.30	3	2	4	2	14	3	B2	Good	M	1	20 to 40	Canopy 1-sided.	
581	Scots pine	0.40	3	3	2	2	16	3	A2	Good	M	1	>40		
582	Scots pine	0.20	1	1	1	1	6	3	U	Poor	E-M	1	<10	Storm damage. Top broken, little foliage left	
583	Larch	0.35	2	4	2	2	15	3	B2	Good	M	1	20 to 40	Minor dead wood (<50mm dia).	
584	Beech	0.65	5	6	7	6	15	3	A2	Good	M	1	>40	Included bark, compression fork.	
585	Scots pine	0.40	2	2	1	3	15	3	B2	Good	M	1	20 to 40	Stem lean.	
586	Scots pine	0.35	1	4	3	2	14	3	B2	Fair	M	1	20 to 40	Stem lean. Canopy suppressed.	
587	Scots pine	0.55	4	3	5	4	15	3	A2	Good	M	1	>40	Stem lean. Minor dead wood (<50mm dia).	
588	Norway maple	0.45	8	7	6	5	13	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
589	Norway maple	0.40	7	8	3	4	12	3	A2	Good	M	1	>40	590, 591 felled?	
592	Beech	0.30	3	3	5	3	10	3	B2	Fair	E-M	3	20 to 40	A bit scrubby but could be singled	
593	Scots pine	0.40	2	4	3	4	14	3	A2	Good	M	1	>40		
594	Larch	0.25	3	2	4	3	12	3	B2	Good	E-M	1	20 to 40		
595	Scots pine	0.50	4	4	4	3	15	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
596	Larch	0.25	4	3	3	2	12	3	B2	Good	E-M	1	20 to 40	Minor dead wood (<50mm dia).	
597	Lawson cypress	0.40	2	1	2	2	13	3	B2	Fair	M	1	20 to 40	Included bark, compression fork.	
598	Lawson cypress	0.30	2	1	1	2	14	3	B2	Good	M	1	20 to 40	Included bark, compression fork.	
599	Lawson cypress	0.25	1	1	1	2	14	3	B2	Fair	M	1	20 to 40		
600	Lawson cypress	0.30	1	1	2	1	14	3	B2	Good	M	1	20 to 40		
601	Lawson cypress	0.15	1	1	1	1	9	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
602	Lawson cypress	0.25	1	1	2	1	13	3	B2	Fair	M	1	20 to 40		
603	Lawson cypress	0.20	1	1	1	1	10	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
604	Lawson cypress	0.25	1	2	2	1	13	3	B2	Good	M	1	20 to 40		
605	Lawson cypress	0.15	1	1	1	1	7	3	C2	Poor	E-M	1	10 to 20	Canopy suppressed.	
606	Lawson cypress	0.35	2	2	2	2	15	3	B2	Good	M	1	20 to 40		
607	Swedish whitebeam	0.40	1	3	3	2	8	3	B2	Good	M	1	20 to 40	Canopy 1-sided.	
608	Swedish whitebeam	0.40	2	3	2	2	9	3	B2	Good	M	1	20 to 40		

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
609	Beech	0.50	3	5	4	5	14	3	A2	Good	M	1	>40		
610	Swedish whitebeam	0.40	4	2	2	2	9	3	B2	Good	M	1	20 to 40		
611	Beech	0.50	4	5	4	5	12	3	A2	Good	M	1	>40		
612	Sycamore	0.50	4	4	4	4	12	3	A2	Good	M	1	>40		
613	Norway maple	0.40	4	5	4	5	11	3	A2	Good	M	1	>40	Tags occluded on the maples	
614	Norway maple	0.40	3	4	5	5	12	3	A1	Good	M	1	>40	Included bark, compression fork.	
615	Sycamore	0.35	4	5	4	4	13	3	A2	Good	M	1	>40	Variegated leaf	
616	Sycamore	0.35	4	3	2	3	14	3	A2	Good	M	1	>40	Canopy 1-sided.	
617	Sycamore	0.40	4	3	4	3	14	3	A2	Good	M	1	>40		
618	Sycamore	0.40	5	3	1	4	16	3	A2	Good	M	1	>40	Canopy 1-sided.	
619	Norway maple	0.50	5	6	6	7	15	3	A2	Good	M	1	>40	Damaged, hanging branch.	
620	Sycamore	0.50	4	5	5	4	16	3	A2	Good	M	1	>40		
621	Ash	0.45	2	5	5	5	16	3	C2	Poor	M	1	10 to 20	Significant dieback, stag-headed. Chalara class 2 60% crown	
622	Ash	0.50	5	2	5	5	15	3	B2	Fair	M	1	20 to 40	Minor crown dieback. Chalara class 1, 80% crown	
623	Small leafed lime	0.35	4	3	4	3	14	3	A2	Good	E-M	1	>40	Excessive epicormic growth.	
624	Small leafed lime	0.50	5	5	5	4	15	3	A2	Good	M	1	>40	Included bark, compression fork.	
625	Small leafed lime	0.40	4	4	4	4	15	3	A2	Good	M	1	>40	Included bark, compression fork.	
626	Sycamore	0.80	5	6	5	5	16	3	A1	Good	M	1	>40	Included bark, compression fork.	
627	Sycamore	0.75	6	6	7	7	16	3	A1	Good	M	1	>40		
628	Sycamore	0.85	5	7	7	6	16	3	A1	Good	M	1	>40	Included bark, compression fork.	
629	Sycamore	0.60	5	6	7	5	15		A2	Good	M	1	>40		
630	Sycamore	0.50	3	4	3	3	14	3	B2	Good	M	1	20 to 40	Included bark, compression fork.	
631	Norway maple	0.50	5	5	2	4	15	3	B2	Fair	M	1	20 to 40	Included bark, compression fork.	
632	Norway maple	0.55	6	5	5	4	17		B2	Fair	M	1	20 to 40	Minor cavity/decay in main scaffold limb. Old tear out, good reaction wood	
633	Norway maple	0.40	4	4	3	4	16		A2	Good	M	1	>40		
634	Small leafed lime	0.45	5	4	3	3	18		A2	Good	M	1	>40	Included bark, weak fork in main scaffold limb.	
635	Small leafed lime	0.50	5	4	4	2	17		A2	Good	M	1	>40	Stem lean.	
636	Norway maple	0.20	1	4	2	3	12		C2	Fair	E-M	6	>40	Coppice stems from old stumpCanopy suppressed. 6 main stems up to 20 cm. No tag	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
637	Norway maple	0.35	2	5	4	4	16		B2	Good	M	1	20 to 40	Minor dead wood (<50mm dia).	
638	Norway maple	0.40	3	5	5	3	16		A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
639	Himalayan birch	0.25	4	4	2	2	10	1	B2	Good	M	1	20 to 40	Canopy suppressed.	
640	Himalayan birch	0.30	4	4	3	2	12	1	A2	Good	M	1	>40		
641	London plane	0.30	2	5	3	3	14	3	A2	Good	M	1	>40	Canopy 1-sided. Damaged, hanging branch.	
642	London plane	0.45	5	5	5	4	15		A2	Good	M	1	>40		
643	London plane	0.45	1	5	5	2	15		B2	Fair	M	1	20 to 40	Included bark, compression fork. Canopy 1-sided.	
645	Scots pine	0.40	3	3	3	2	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia).	
646	Scots pine	0.40	2	3	3	3	17	3	A2	Good	M	1	>40	Major dead wood (>50mm dia).	
647	Swedish whitebeam	0.45	2	4	3	3	10	2	B2	Fair	M	1	20 to 40		
648	Swedish whitebeam	0.45	4	2	3	4	9	1	B1	Fair	M	1	20 to 40		
649	Goat willow	0.70	5	8	6	5	10	1	C2	Fair	M	1	10 to 20	Bark necrosis. Included bark, compression fork.	
650	Scots pine	0.45	3	4	2	2	16	3	A2	Good	M	1	>40	Minor dead wood (<50mm dia). Out of sequence also 651, 652	
651	Larch	0.30	2	3	5	1	16	3	C2	Poor	M	1	10 to 20	Stem lean. Ivy growth obscuring detailed assessment. Canopy suppressed.	
652	Larch	0.30	3	3	2	2	15	3	B2	Good	M	1	20 to 40	Ivy growth obscuring detailed assessment.	
653	Sycamore	0.50	5	4	5	5	17	3	A2	Good	M	1	>40		
654	Sycamore	0.40	4	6	3	4	16	1	B2	Fair	M	1	20 to 40	Stem lean.	
655	Hornbeam	0.50	4	5	4	4	15	2	A2	Good	M	1	>40	Included bark, weak fork in main scaffold limb. Broadly columnar form	
655A	Cherry-gean	0.20	1	5	5	3	10	2	C2	Fair	E-M	5	10 to 20	Suckers on fence line, no tag, 12 stems	
656	Cherry-gean	0.60	6	5	4	4	12	1	B2	Good	M	1	20 to 40	Included bark, compression fork. Minor dead wood (<50mm dia).	
657	Lawson cypress	0.55	4	4	4	2	14		B2	Good	M	1	20 to 40		
658	Lawson cypress	0.65	4	4	2	4	14		B2	Good	M	1	20 to 40		
659	Norway maple	0.40	5	2	4	4	15	1	B2	Fair	M	1	20 to 40	Included bark, compression fork.	
660	Norway maple	0.35	2	3	5	4	16	2	B2	Good	M	1	20 to 40	Canopy suppressed.	
661	Norway maple	0.35	2	5	4	3	16	3	B2	Good	M	1	20 to 40	Poor crown structure.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
662	Norway maple	0.30	4	5	3	1	16	3	B2	Fair	M	1	20 to 40	Canopy suppressed.	
663	Ash	0.45	5	2	4	4	16	2	B2	Good	M	1	20 to 40	Chalara class 1. 90%	
664	Ash	0.35	4	4	4	1	14		B2	Fair	M	1	20 to 40	Minor crown dieback. Canopy suppressed. Chalara class 2 , 75%	
665	Norway maple	0.45	5	4	1	4	11	1	C2	Fair	M	1	10 to 20	Canopy suppressed. No tag	
666	Sycamore	0.65	6	6	4	4	18		A2	Good	M	1	>40	No tag	
667	Ash	0.40	1	5	5	5	15	1	B2	Fair	M	1	20 to 40	Minor crown dieback. Chalara class 2 60%, no tag	
668	Beech	0.55	6	5	6	4	18	1	A2	Good	M	1	>40	Ivy growth obscuring detailed assessment. No tag	
669	Beech	0.95	5	4	7	6	18	1	A2	Good	M-A	1	>40	Ivy growth obscuring detailed assessment.	
670	Scots pine	0.45	2	3	3	2	19	8	A2	Good	M	1	>40	Ivy growth obscuring detailed assessment.	
671	Scots pine	0.40	2	2	3	2	19	3	A2	Good	M	1	>40		
672	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40	Start of main woodland group. Trees 672-800 and 1001- 1009 recorded for species, DBH to inform constraints.	
673	Beech	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
675	Larch	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
676	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
677	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
678	Larch	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
679	Larch	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
680	Beech	0.55	3	3	3	3	12	2	A2	Good	M-A	1	>40		
681	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
682	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
683	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
684	Beech	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		
685	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
686	Beech	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
687	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
688	Scots pine	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
689	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
690	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
691	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
692	Beech	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
693	Scots pine	0.55	3	3	3	3	12	2	A2	Good	M-A	1	>40		
694	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
695	Beech	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
698	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
699	Larch	0.20	2	2	2	2	12	2	U	Dead	M-A	1	>40		
700	Larch	0.25	2	2	2	2	12	2	U	Dead	M-A	1	>40		
701	Scots pine	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		
702	Beech	0.60	3	3	3	3	12	2	A2	Good	M-A	1	>40		
703	Beech	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
704	Gean	0.65	3	3	3	3	12	2	A2	Good	M-A	1	>40		
705	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
707	Beech	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		
708	Larch	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
709	Beech	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
710	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
711	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
712	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
713	Beech	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
714	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
715	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
716	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
717	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
718	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
719	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
720	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
721	Scots pine	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
722	Beech	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
723	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
724	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
725	Scots pine	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
726	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
727	Scots pine	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
728	Beech	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
729	Larch	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
730	Larch	0.20	2	2	2	2	12	2	U	dead	M-A	1	>40		
731	Beech	0.55	3	3	3	3	12	2	A2	Good	M-A	1	>40		
732	Lawson cypress	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
733	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
735	Lawson cypress	0.15	2	2	2	2	12	2	A2	Good	M-A	1	>40		
736	Beech	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
737	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
738	Scots pine	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		
739	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
740	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
741	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
742	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
743	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
744	Lawson cypress	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
745	Lawson cypress	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
746	Lawson cypress	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
747	Beech	0.70	3	3	3	3	12	2	A2	Good	M-A	1	>40		
748	Beech	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
749	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
750	Beech	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
751	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
752	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
753	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
754	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
755	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
756	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
756	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
757	Beech	0.60	3	3	3	3	12	2	A2	Good	M-A	1	>40		
758	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
763	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
764	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
765	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
765	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
766	Scots pine	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
767	Scots pine	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
769	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
770	Scots pine	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
771	Larch	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
772	Larch	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
773	Norway spruce	0.50	3	3	3	3	15		B2	Good	M	1	20 to 40	Separate from main woodland group.	
774	Hornbeam	0.40	5	3	1	4	13		B2	Good	M	1	20 to 40	Separate from main woodland group.	
775	Hornbeam	0.35	4	4	1	2	13		B2	Good	M	1	20 to 40	Separate from main woodland group.	
776	Hornbeam	0.35	3	4	2	2	13		B2	Good	M	1	20 to 40	Separate from main woodland group.	
777	Hornbeam	0.40	4	4	4	1	12		B2	Good	M	1	20 to 40	Separate from main woodland group.	
778	Larch	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
779	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
780	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
781	Scots pine	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
782	Beech	0.60	3	3	3	3	12	2	A2	Good	M-A	1	>40		
783	Gean	0.60	3	3	3	3	12	2	A2	Good	M-A	1	>40		
784	Beech	0.40	2	2	2	2	12	2	A2	Good	M-A	1	>40		
785	Gean	0.45	2	2	2	2	12	2	A2	Good	M-A	1	>40		
786	Beech	0.70	3	3	3	3	12	2	A2	Good	M-A	1	>40		
787	Lawson cypress	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
787	Gean	0.60	3	3	3	3	12	2	A2	Good	M-A	1	>40		
788	Scots pine	0.35	2	2	2	2	12	2	A2	Good	M-A	1	>40		
789	Scots pine	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
790	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
791	Larch	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
792	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
793	Larch	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
794	Beech	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
795	Beech	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40		
796	Lawson cypress	0.15	2	2	2	2	12	2	U	Dying	M-A	1	>40		
798	Lawson cypress	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
799	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
800	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1001	Lawson cypress	0.20	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1002	Lawson cypress	0.20	2	2	2	2	12	2	U	Dead	M-A	1	>40		

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
1003	Lawson cypress	0.15	2	2	2	2	12	2	U	Dead	M-A	1	>40		
1004	Lawson cypress	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1005	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1006	Lawson cypress	0.25	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1007	Lawson cypress	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1008	Lawson cypress	0.30	2	2	2	2	12	2	A2	Good	M-A	1	>40		
1009	Lawson cypress	0.50	3	3	3	3	12	2	A2	Good	M-A	1	>40	End of main woodland group recording.	
1010	Common lime	0.70	4	4	3	3	13		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1011	Yew	0.40	2	3	3	3	5		A1	Good	M	1	>40		
1012	Common lime	0.60	4	4	4	4	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1013	Common lime	0.55	4	4	4	4	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1014	Hawthorn	0.20	1	2	2	1	5	1	C2	Fair	M	1	10 to 20		
1015	Yew	0.40	1	2	2	2	5		B2	Fair	M	1	20 to 40	Canopy suppressed.	
1016	Hawthorn	0.20	1	1	2	1	3		C2	Fair	M	1	10 to 20		
1017	Common lime	0.65	4	4	4	4	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1018	Yew	0.50	2	3	3	3	6		B2	Good	M	1	20 to 40		
1019	Common lime	0.65	4	4	4	4	15		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1020	Silver birch	0.25	2	2	2	1	12		B2	Good	E-M	1	>40		
1021	Yew	0.35	3	3	4	4	6		B2	Good	M	4	20 to 40		
1022	Common lime	0.60	4	4	4	3	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1023	Larch	0.25	3	2	4	4	14	2	B2	Good	M	1	10 to 20	Canopy suppressed.	
1024	Larch	0.30	1	2	4	4	14	3	B2	Good	M	1	20 to 40	Canopy suppressed.	
1025	Common lime	0.20	4	2	3	3	5		C2	Fair	E-M	5	10 to 20	Coppice stems from old stumpNo tag, felled and coppiced?	
1026	Yew	0.30	2	2	4	3	8		B2	Good	M	5	20 to 40		
1027	Sycamore	0.20	2	2	2	1	7	3	C2	Good	E-M	1	10 to 20	Not tagged	
1028	Yew	0.50	3	2	3	3	7	3	A1	Good	M	5	>40	Excessive epicormic growth.	
1029	Larch	0.25	3	1	2	3	13	5	B2	Fair	M	1	20 to 40	Canopy suppressed.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
1030	Common lime	0.70	3	4	4	4	15		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1031	Yew	0.60	2	3	3	3	8		A1	Good	M	1	>40		
1032	Larch	0.30	3	3	3	3	13	3	A1	Good	M	1	>40	Ivy growth obscuring detailed assessment.	
1033	Yew	0.45	2	2	3	2	8		B2	Good	M	1	20 to 40		
1034	Common lime	0.60	6	7	3	4	16		A1	Fair	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	
1035	Yew	0.35	1	1	1	1	4		C2	Fair	M	3	10 to 20	Felled at 1. 5m, regrowing	
1036	Larch	0.30	4	1	2	3	9	2	C1	Poor	M	1	10 to 20	Canopy suppressed.	
1037	Small leafed lime	0.60	4	4	4	4	16		A1	Good	M	1	>40	Minor dead wood (<50mm dia). Main union looks ok	
1038	Yew	0.40	3	3	3	3	7		A1	Good	M	1	>40		
1039	Common lime	0.65	5	4	4	4	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1040	Larch	0.50	2	3	6	2	16	4	A1	Fair	M	1	>40	Minor dead wood (<50mm dia).	
1041	Yew	0.25	2	2	1	2	3		C1	Fair	M	3	10 to 20	A bush	
1042	Common lime	0.65	4	5	4	4	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1043	Yew	0.30	1	3	2	2	3		C1	Good	M	3	10 to 20	A bush	
1044	Beech	0.10	1	2	2	2	5	1	C1	Good	Y	1	10 to 20		
1045	Common lime	0.60	8	6	4	4	15		A1	Good	M	3	>40	Excessive epicormic growth. Minor dead wood (<50mm dia). Very spreading, impossible to see main unions	
1046	Yew	0.35	3	3	4	3	8	1	A1	Good	M	1	>40		
1047	Common lime	0.75	5	5	4	4	16		A1	Good	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	
1048	Common lime	0.55	4	4	4	3	17		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
1049	Common lime	0.10	2	2	2	2	4		C1	Fair	Y	5	10 to 20	Coppice stems from old stumpFelled, stump suckering	
1050	Common lime	0.60	3	5	5	4	16		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
1051	Common lime	0.60	4	3	5	3	15		A1	Good	M	1	>40	Excessive epicormic growth. Ivy growth obscuring detailed assessment. Minor dead wood (<50mm dia).	
1052	Common lime	0.55	3	3	4	4	16		A1	Good	M	1	>40	Excessive epicormic growth. Ivy growth obscuring detailed assessment. Minor dead wood (<50mm dia).	
4014	Holly	0.40	3	4	3	3	6	1	A1	Good	M	1	>40	Variegated type	
4015	Irish yew	0.25	2	2	3	3	8		A1	Good	M-A	8	>40	Very nice tree, about 8 stems up to 25	
4015	Sitka spruce	0.30	4	3	3	3	12	1	B1	Good	M	1	20 to 40	In a thicket, no tag	
4016	Common lime	0.60	5	3	5	4	15		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
4017	Common lime	0.40	2	2	5	3	13	3	B2	Good	M	1	20 to 40	Excessive epicormic growth. Canopy suppressed.	
4018	Common lime	0.45	3	4	5	4	13	1	A2	Fair	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	
4019	Common lime	0.45	3	4	5	4	16	1	A1	Good	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	
4020	Horse chestnut	0.45	5	5	3	4	12	2	A1	Good	M	1	>40	Canopy suppressed.	
4021	Common lime	0.45	5	3	4	2	14	1	A1	Good	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	
4022	Common lime	0.35	3	2	1	3	14		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
4023	Common lime	0.40	4	2	3	4	12	1	A1	Good	M	1	>40	Excessive epicormic growth. Canopy suppressed.	
4024	Common lime	0.40	3	3	3	3	15	1	A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
4025	Common lime	0.35	3	1	3	2	15	2	A1	Good	M	1	>40	Excessive epicormic growth. Canopy 1-sided.	
4026	Common lime	0.40	3	3	2	3	13		A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
4027	Yew	0.35	3	3	3	3	9	1	A1	Good	M	1	>40		
4028	Common lime	0.45	2	3	4	2	16	2	A1	Good	M	1	>40	Excessive epicormic growth. Minor dead wood (<50mm dia).	
4029	Common lime	0.45	3	3	4	3	17	2	A1	Good	M	1	>40	Excessive epicormic growth. Major dead wood (>50mm dia).	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
4030	Common lime	0.35	1	4	1	3	15	2	B2	Good	M	1	20 to 40	Canopy suppressed. Minor crown dieback	
4031	Lawson cypress	0.35	3	3	2	3	15	2	B2	Good	M	1	20 to 40	Canopy suppressed.	
4032	Lawson cypress	0.65	4	4	4	2	19	3	B2	Good	M	1	20 to 40	crown touching building	
4033	Sycamore	0.20	2	4	3	3	8		C1	Poor	E-M	5	10 to 20	Coppice stems from old stumpTangle of coppice growth	
4034	Common lime	0.50	4	4	4	4	16		A1	Good	M	1	>40	Excessive epicormic growth. Massive epicormics on these 4, dbh estimated	
4034a	Common lime	0.50	2	2	4	4	15		A1	Good	M	1	>40	Excessive epicormic growth.	
4034b	Common lime	0.50	3	4	4	4	15		A1	Good	M	1	>40	Excessive epicormic growth.	
4035	Sycamore	0.35	1	4	4	4	14	3	B2	Good	M	1	20 to 40	Canopy 1-sided.	
4035a	Common lime	0.50	1	4	3	4	13		B2	Fair	M	1	20 to 40	Excessive epicormic growth. Canopy 1-sided. Major dead wood (>50mm dia).	
4036	Yew	0.45	3	3	3	3	7	3	B2	Fair	M	1	20 to 40	Minor crown dieback.	
4037	Apple	0.20	2	1	2	2	3	3	B2	Good	M	1	20 to 40		
4038	Apple	0.20	2	2	2	2	3	3	B2	Good	M	1	20 to 40		
4039	Apple	0.40	3	4	3	3	3	3	B2	Fair	M	1	20 to 40	Significant cavity/decay in stem.	
4040	Pear	0.30	4	2	3	3	7	3	B2	Good	M	1	20 to 40		
4041	Apple	0.40	3	3	3	3	5	3	B2	Good	M	1	20 to 40		
4042	Ash	0.30	3	3	3	3	8	3	B2	Fair	E-M	1	20 to 40	Minor crown dieback. Chalara class 1, 80%	
4043	Apple	0.35	2	4	3	3	3	3	B2	Good	M	1	20 to 40		
4044	Apple	0.25	1	2	1	2	3	3	B2	Fair	M	1	20 to 40		
4045	Apple	0.30	3	3	3	3	3	2	B2	Good	M	1	20 to 40		
4046	Apple	0.25	1	2	2	1	3	3	B2	Fair	M	1	20 to 40	Stem lean.	
4047	Pear	0.25	1	4	1	3	5	3	B2	Good	M	1	20 to 40		
4048	Apple	0.20	2	2	3	3	3	3	B2	Fair	M	1	20 to 40	Minor crown dieback. Needs pruned	
4049	Apple	0.25	1	3	3	3	3	3	C2	Poor	M	1	10 to 20	Significant cavity/decay in stem. Minor crown dieback.	
4050	Lawson cypress	0.80	5	4	4	4	18	3	B1	Good	M-A	1	20 to 40	Included bark, compression fork. 3 way fork at 2m needs monitored	
G4051	Lawson cypress	0.45	2	2	3	3	14	3	B2	Good	M	1	20 to 40	Tall hedge, line of 8 stems.	
4052	Apple	0.35	2	3	3	2	3	2	C1	Poor	M	1	10 to 20	Significant cavity/decay in stem. Minor crown dieback.	

Tag No	Species	DBH	N	S	E	W	Ht	C.Ht	BS Cat	Condition	Age	Stems	ERC	Comments	Recommendations
G1	Gean	0.10					3		C2	Fair	Y		>40	Dense group of approx 150 suckers. Very limited potential to develop.	
G2	Himalayan birch, silver birch, goat willow, Scots pine	0.20					10		B2	Good	S-M		>40	Dense group of around 20 stems.	
G3	Red oak, Scots pine, silver birch	0.20					8		B2	Good	S-M		>40	Group of 8 stems.	
G4	Western red cedar, Lawson cypress, Silver birch	0.30					10		B2	Good	E-M		>40	Close group of trees up to 30cm DBH, 8 stems.	
G5	Scots pine, Lawson cypress, silver birch	0.15					8		B2	Good	S-M		>40	Large group of mixed stems up to 15cm DBH, occasional gaps.	
G6	Scots pine, silver birch	0.15					8		B2	Good	S-M		>40	Group of 25 stems, 10-15cm DBH	
G7	Sycamore, Corsican pine	0.60					20		A2	Good	M		>40	Mature stand beyond site boundary.	
G8	Beech	0.65					20		A2	Good	M		>40	Mature stand, beyond site boundary. Canopy overhangs wall.	
G9	Corsican pine	0.50					23		A2	Good	M		>40	Mature stand, beyond site boundary.	

KEY TO TREE SURVEY SCHEDULE

No	Number as shown on survey plan (refers to tree tags where used)		
Species	Common name		
DBH	Stem Diameter at Breast Height, measured at 1.5m above ground level. Diameter measured in 0.05m bands and ***rounded up*** to next 0.05m.		
Canopy	Canopy radius in metres to compass points NSEW (survey drawing shows actual canopy radius at 4 cardinal points).		
Ht	Approximate tree height in metres		
C Ht	Crown height, indicating clearance from ground level to lowest branches, estimated in metres		
BS Cat	British Standard 5837:2012 tree categorisation (See Table 1)		
Condition	General overall description of condition:	Good:	Healthy tree with no major health or structural defects Trees with significant safe life expectancy Trees of good shape and form for the species
		Fair:	Healthy trees with minor health or structural defects Trees with moderate safe life expectancy Trees of average shape and form for the species
		Poor:	Trees with significant health or structural defects Trees with a limited safe life expectancy Trees of low vigour, stressed, in decline Trees of poor shape and form, suppressed, structurally weak
		Dying/Dead:	Dead, dying, unsafe or dangerous Trees with little or no safe life expectancy
Age	Age class (Young, Semi-mature, Early-mature, Middle-Aged, Mature, Over-Mature, Veteran)		
Stems	Number of stems arising from below 1.5m, used to determine the appropriate Root Protection Area.		
ERC	Estimated Remaining Contribution in years, based on species, age, physiological condition and environmental factors.		
Comments	Specific comments on any observed defects within the root zone or affecting visible buttress root system; on the main stem up to and including the point of the first main fork; and affecting main scaffold branch system or secondary branch structure. Will be left blank where no defects are noted and growth characteristics are normal		
Recommendations/Impacts	Description of any recommended remedial tree work operations required to ensure safety or for cultural reasons. Or the impact of current designs or development proposals on the tree and required works to accommodate the proposals. General description of works, not a detailed tree work specification. Any recommended works should be carried out in accordance with BS3998:2010 *Tree work – Recommendations.*		

Tree survey details recorded in accordance with BS5837:2012. Numbers relate to tree tags. For detailed tree information refer to the accompanying report and schedule.

Alan Motion Tree Consulting Ltd
Chartered Forester, Arboricultural Consultant
Fairlie House–Main Street–Buchlyvie–Stirling–FK8 3LX
Mob–07866 389284 Tel–01360 850534
alan@alanmotion.co.uk
www.alanmotion.co.uk

CLIENT: Hub South East Scotland Ltd

PROJECT: Herdmanflat Hospital, Haddington

DRAWING TITLE: Tree Survey and Constrainst

DRAWING No: HSE–HH–TSC–01

DATE: 13–9–21 | SCALE: 1:500 at A0 | REV:

3895 TREES CATEGORY A

3895 TREES CATEGORY B

3895 TREES CATEGORY C

3895 TREES CATEGORY U

ROOT PROTECTION AREA BS5837:2012 S4.6.

TREE GROUP

WOODLAND

HEDGEROW OR SCRUB

NOTE: hatch colour denotes BS5837 Category:
Cat A – Green
Cat B – Blue
Cat C – Grey
Cat U – Red

RECOMMENDED CONSTRUCTION EXCLUSION ZONE

0 5 10 20
Do not scale from