

Arboricultural Assessment

(Tree survey)

To assess the trees

On the site at

N25

Shandon roundabout to Kilrush roundabout
and Spring roundabout to the Youghal Road
Dungarvan
Co. Waterford

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PART ONE – ARBORICULTURAL ASSESSMENT

Introduction

The purpose of this report is to set out the findings following the inspection of trees on site at, **N25 Shandon roundabout to Kilrush roundabout and Spring roundabout to the Youghal Road, Dungarvan, Co. Waterford** and set out their condition. The survey work was undertaken on the 11th October 2017 by the undersigned a qualified arboricultural consultant. The term of reference for the report is a health and safety audit of the trees on the site. The following categories have been used within the tree report tables and, where appropriate, the criterion used to define each category is defined.

- **Tree No.** : refers to the identification tag attached to a tree [also identified as such on the accompanying survey drawings]
- **Species** : refers to the common and scientific name given to the tree.
- **Condition** : refers to the physiological condition of the tree as a whole described as:
 - Good** – Full healthy canopy but possibly including some suppressed or damaged branches
 - Fair** – Slightly reduced leaf cover, minor dead wood or isolated major dead wood
 - Poor** – Overall sparse leafing or extensive dead wood
- **Age** An estimation of the age of the tree described as;
 - V- Veteran, trees, which by recognized criteria, show features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to individuals surviving beyond the typical age range for the species concerned.
 - OM – Over Mature, trees reaching the end of their life, in decline and senescent.
 - M – Mature, fully grown, with only small annual increments.
 - EM – Early Mature, one-third to two thirds of total life expired.
 - Y – Young, recent planting, with up to one third of total life expired.
- **Remarks:** Descriptive comments about the health (physiological) or form (structural) of the tree, its environment or external influences and may include preliminary management recommendations.

Glossary of terms used:

Basal: The base of the tree close to the ground, (basal shoots are those emanating from the base).

Crown (canopy): The leaves and branches of a tree.

Co-dominant: Stems or branches of near equal diameter, often weakly attached.

Decay: Degradation of wood by fungi and/or bacteria.

Defect: Any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment.

Dieback: The death of part of a plant, usually starting from a distal point and often progressing in stages.

Epicormic : Pertaining to shoots or roots, which are initiated on mature woody stems; shoots may form in this way from dormant buds or they may be adventitious.

Dysphotic zone : A zone within the canopy which does not have enough light to carry out photosynthesis.

Included Union: bark of adjacent parts of a tree (usually in forks, acutely angled branches or basal flutes), which is in face-to-face contact, so that there is weakness due to the lack of a woody union.

Lean: Departure of the trunk from the vertical.

Scaffold limbs: The branches, which form the main framework of the crown of a tree with a decurrent growth habit.

Shoot: A shoot derived from a dormant or adventitious bud on the main stem or branch.

Stub/peg: A short section of a branch, which may have, been left after previous pruning or storm damage.

Wound: Injuries on the surface of a trunk or branch.

Full: A canopy, which extends to the ground or nearly to the ground

Natural suppressed deadwood: Deadwood in conifers, which died as the crown height extended and the lower branch no longer have a function in the production of foliage.

Pathogens: Fungal and /or bacterial infections, which degrade the wood and render trees liable to failure

Wound wood: Wood with atypical anatomical features, formed in the vicinity of a wound or the occluding tissue around a wound

Hazard Limb: An upwardly curved part in which strong internal stresses may occur, cause wood to crack

Burr: Woody protuberances, especially those derived from the mass proliferation of adventitious buds.

Root protection area (RPA) : layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority.

Survey Results

The site on the N25, Dungarvan, is in two sections Site 1; Shandon roundabout to Kilrush roundabout and Site 2; Spring roundabout to the Youghal Road.

The scheduled trees start west of Shandon roundabout on the north side of the by-pass, the first section is section A, and is a small section. Section B is on the south side of the by-pass and continues as far as the Shandon Road. Section C is on the south side of the by-pass and starts after Shandon Street.

In the second Site there are two sections; Section D, is on the west side of the by-pass and starts adjoining the sports ground. Section E is on the east side of the by-pass and returns south towards the Youghal Road.

Tree no.	Species	Condition	Age	Remarks	Action
SITE 2 SECTION A					
288	Poplar <i>Populus trichocarpa</i>	Fair	EM	Growing in a grass verge at the edge of tarmac footpath, its roots have displaced the edging kerbs. It has a single stem with co-dominant leaders with a basal wound and very good wound wood. It has a basal suckers. Its roots have encroached into the foot path causing ripples in the surface.	Fell.
289	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has epicormic shoots on it slower stem, the stem bifurcates. It has caused distortions in the edging kerbs and its roots have developed beneath the tarmac surfaced causing ripples. It has small abrasions on its buttress roots, which has good wound wood.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
290	Weeping willow <i>Salix x sepulcralis</i>	Fair	M	A tree with a distorted stem, which has old pruning wounds, it has minor scattered deadwood.	Fell.
291	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree's roots have caused displacement of the edging kerbs, surface roots have developed under the tarmac surface resulting in ripples. It has multiple scaffolds in its upper crown with three main leaders. It has epicormic shoots on its lower stem. Lower branches below the stem crown union have been pruned off. Two of the leaders have crossing rubbing branches, and it has minor scattered deadwood.	Fell.
292	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has caused displacement of the footpath surface, it has abrasions it its surface roots in the grass verge. It has a minor infection of canker. It has co-dominant leaders and has scattered minor deadwood in its crown.	Fell.
293	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has caused displacement of the footpath. It has a single stem which appears to have been topped in the past. It has a subdominant upright branch and has minor tip die back in its lower crown.	Fell.
294	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with co0daimionat leaders after it was topped, it has epicormic shoots on its lower stem and very minor scattered deadwood. Its roots have displaced the surface of the footpath.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
295	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree's roots have displaced the edging kerbs and the footpath. It has basal suckers and has been topped. Resulting in multiple scaffolds. Lower branches have been removed, it has some scattered minor deadwood. This tree fail at the root plate during storm Ophelia	
296	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has a lamp post in its canopy, it has co-dominant leaders. Its roots have caused displaced the kerbs and the surface of the footpath. It has basal and epicormic shoots on its stem, and has minor scattered deadwood.	Fell.
<p>SECTION B</p> <p><i>The next group is on the south side of the road, alongside an area of open grass, by the road is footpath and cycle path. These trees vary in height between 18-20 metres.</i></p>					
297	Poplar <i>Populus trichocarpa</i>	Fair	EM	A twin stem growing beside a lamp post, it has been high pruned on the road side leaving small branch stubs. It has a wide canopy with minor deadwood.	Prune the canopy away from the light cone.
298	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with co-dominant leaders, it has a wide canopy with minor scattered deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
299	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has epicormic shoots on its lower single stem. It has sub dominant upright laterals. The sub dominant stem has been pruned off near the base. It has epicormic shoots which have been cut back.	
300	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has a single stem with epicormic shoots on its stem at pruning points. It has a sub dominant upright lateral branch, it has a small infection of canker on its lower stem.	Prune of epicormic shoots.
301	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has epicormic shoots at old pruning points. It has a basal sucker, which have been pruned off. It has a basal wound with very good wound wood.	
302	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, with a tall drawn up canopy, it has epicormic shoots on its lower stem at old pruning points. It is close to a lamp post.	Prune canopy away from the lighting cone
303	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with dense branching on the stem to 2.0 metres up. It has co-dominant leaders in the upper crown. It is close to a lamp post.	Prune canopy away from the lighting cone
<i>The next group of trees are after the substation entrance.</i>					
304	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with three main stems and a full canopy, it has minor deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
305	Poplar <i>Populus trichocarpa</i>	Poor	EM	A tree with a single stem, it has deadwood in the dysphotic zone, shaded by the adjoining cypress trees. It has a basal wound with good wound wood around an internal cavity.	
306	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has distorted regrowth stems in its upper crown after it was topped. It has deadwood in its canopy's dysphotic zone.	
307	Weeping willow <i>Salix x sepulcralis</i>	Fair	EM	A tree with multiple scaffolds, it has suppressed deadwood and has good vigour. It has a branch s left after poor pruning	
308	Weeping willow <i>Salix x sepulcralis</i>	Fair	EM	A tree with multiple scaffolds, it has suppressed deadwood and has good vigour. It has a branch s left after poor pruning.	
				The next tree is a dead Willow .	Fell dead Willow.
309	Weeping willow <i>Salix x sepulcralis</i>	Fair	EM	A tree with a single leaning stem with a small basal wound, it has good vigour. It has naturally suppressed deadwood. Ivy has been killed off the stem.	
310	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has epicormic shoots on its single stem. It has lost a major limb and has epicormic shoots around the branch stub. It also has epicormic shoots on its upper stem.	Prune off epicormic shoots

Tree no.	Species	Condition	Age	Remarks	Action
311	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has epicormic shoots at old pruning points, it has minor deadwood in its canopy.	
312	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has epicormic shoots at old pruning points, it has minor deadwood in its canopy.	
313	Poplar <i>Populus trichocarpa</i>	Poor	EM	A tree with a single stem, it has significant crown die back in its upper crown, it has suppressed deadwood being shaded by the adjoining cypress. It has epicormic shoots at old pruning wound and has basal epicormic shoots.	This tree is in decline, plan for its removal.
314	Poplar <i>Populus trichocarpa</i>	Poor	EM	A tree with a single stem and a high crown, it has had lower branches pruned off and cleared from the lamp post. It has a stub at its base. It has multiple scaffolds in its upper crown and a wound where branches were rubbing. It has a top heavy crown.	Plan for its removal.
315	White willow <i>Salix alba</i>	Poor	EM	A tree with a single stem, it has basal decay, it has the stub of a second stem, its canopy is suppressed by tree 316.	Fell.
316	White willow <i>Salix alba</i>	Poor	EM	A tree with three stems, with tall drawn up suckers, it has suppressed deadwood. It has limited future potential. It does not pose an immediate risk.	Plan for its removal.

Tree no.	Species	Condition	Age	Remarks	Action
317	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and good vigour. It has a high crown with epicormic growth on its stem at old pruning points. It has multiple leaders and has minor scattered deadwood.	
318	Poplar <i>Populus trichocarpa</i>	Poor	EM	This tree has poor vigour, it has totally defoliated, although it has some live tissue in the buds. it has significant areas of deadwood through its crown.	Plan for its removal
319	Poplar <i>Populus trichocarpa</i>	Fair	Y	A small tree with an upright stem, its growing in the ditch an is a probable sucker from an adjoining tree.	
320	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has good vigour, it has epicormic shoots on its stem at old pruning wounds. It has minor scattered deadwood.	
321	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small tree with an upright stem, its growing in the ditch an is a probable sucker from an adjoining tree. It is too close to the lamp post.	Fell.
322	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has good vigour. It has basal suckers and epicormic shoots. It has multiple leaders and has minor deadwood. The roots are starting to displace the tarmac surface of the foot path.	Monitor.
323	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has good vigour. It has basal suckers and epicormic shoots. It has multiple leaders and has minor deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
324	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has epicormic shoots at old pruning wounds. Lower branches have been pruned off. Roots have begun displacing the path as they grow towards the road gully. Its growing close to a lamp post.	Prune canopy away from the light cone.
325	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and has a sub dominant upright lateral. It has some minor deadwood. It has a light canopy and its canopy has been pruned up along the road side.	
326	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem. It has some minor deadwood. It has a light canopy and its canopy has been pruned up along the road side.	
327	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem. It has some minor deadwood. It has a light canopy and its canopy has been pruned up along the road side.	
328	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single distorted stem, it has basal suckers with epicormic shoots at old pruning points. It has a branch stub at 3.5 metres along with minor deadwood.	Prune branch stub back to a branch collar.
329	Poplar <i>Populus trichocarpa</i>	Fair	EM	After a long gap in the trees, this tree has a single stem, in has minor deadwood and has epicormic shoots at old branch pruning points.	

Tree no.	Species	Condition	Age	Remarks	Action
330	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has a single stem, in has minor deadwood and has epicormic shoots at old branch pruning points. It has a basal wound with a small occluded ridge.	
331	Poplar <i>Populus trichocarpa</i>	Fair	EM	This tree has a single stem, in has minor deadwood and has epicormic shoots at old branch pruning points. Its surface roots have starting to displace the tarmac of the footpath.	Monitor.
<p>SECTION C</p> <p><i>This section starts after Shandon Street, the trees are in a wide grass verge with a path to the south of the grass verge. This trees are on average 27.0 metres tall. This stand of trees are a dominant landscape feature, there no damage from surface roots in the adjoining carpark to the south.</i></p>					
332	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
333	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.

Tree no.	Species	Condition	Age	Remarks	Action
334	Poplar <i>Populus trichocarpa</i>	Fair	M	This Trees canopy is formed my its main stem and major side branches. A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
335	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
336	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing beside a lamp post, its canopy is formed by its main stem and a sub dominant lateral, it has scattered minor deadwood and its surface roots are causing ripple in the tarmac of the footpath.	Prune canopy away from the lighting cone.
337	Poplar <i>Populus trichocarpa</i>	Fair	Y	A small tree, it has a distorted upper stem and is carrying very minor deadwood.	
338	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders. A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
339	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem and basal suckers., it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.

Tree no.	Species	Condition	Age	Remarks	Action
340	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem, it has three main leaders it has minor deadwood and epicormic shoots at old pruning roots. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
341	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, with epicormic shoots on its lower stem, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
342	Poplar <i>Populus trichocarpa</i>	Poor	M	A large twin stemmed tree with an included union, it has basal suckers. Lower branches have been removed. The defect is at a high risk of failure,	Plan for its removal.
343	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
344	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, it has minor deadwood. The surface roots are causing ripples in the tarmac surface of the footpath.	Monitor.
345	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, its canopy is formed by its main stem and a sub dominant upright lateral branch. It has scattered deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
346	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with good vigour, it has co-dominant stems from 4.0 metres and a sub dominant lateral branch. It has scattered deadwood. There is a small street lamp post near the tree,	Prune back the lower branches to clear the lighting cone.
347	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's canopy is formed by its main stem and a sub dominant lateral branch. It has good vigour. It has a wide canopy with scattered deadwood.	
<p>SITE 1 SECTION D</p> <p><i>The first group are adjoining a sports ground are a wide grass verge. There is a wet ditch on the field side.</i></p>					
410	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
411	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	

Tree no.	Species	Condition	Age	Remarks	Action
412	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
413	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
414	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
415	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees canopy is formed by its main stem and a sub dominant branch in its upper crown. It has some scattered deadwood in its canopy.	
416	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has a single stem, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
417	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	

Tree no.	Species	Condition	Age	Remarks	Action
418	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
419	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees crown is formed by its main stem and two sub dominant laterals, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
420	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree is twinned from 3.0 metres, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
421	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
422	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	

Tree no.	Species	Condition	Age	Remarks	Action
423	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's crown is formed by its main stem and a subdominant lateral, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
424	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's crown is formed by its main stem and a subdominant lateral, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
425	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's crown is formed by its main stem and a subdominant lateral, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
426	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
427	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has a slight lean to its lower stem, it has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	

Tree no.	Species	Condition	Age	Remarks	Action
428	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches. It has a small wound on its lower stem at 1.5 metres with good wound wood.	
429	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's crown is formed by its main stem and a subdominant lateral from 2.0 metres., it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
430	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's crown is formed by its main stem and a subdominant lateral, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
431	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds in its upper crown, it has moderate ivy cover. It has exposed surface roots and has scattered deadwood in its crown. It has slight canker on its lower branches.	
432	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multipole scaffolds, it slight ivy cover and lower branches have a slight infection of canker.	

Tree no.	Species	Condition	Age	Remarks	Action
<i>The next group are along the rear gardens of the houses at Eisfennell Close. They are growing in a narrow verge beside a concrete slab and post fence. The trees predate the houses which were built in the 1990's. The trees do not appears to causing damage to the garden patios or walls.</i>					
433	Poplar <i>Populus trichocarpa</i>	Fair	EM/ M	A tree with multiple scaffolds in its upper crown, it has epicormic shoots on its stem and has scattered deadwood.	Fell.
434	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, it has epicormic shoots on its stem and has scattered deadwood. It has caused significant displacement of the panel fence and is close to a lamp post, and it appears to be blocking the sensor.	Fell.
435	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, it has epicormic shoots on its stem and has scattered deadwood.	Fell.
436	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem and a sub-dominant lateral in its upper crown, it has scattered deadwood.	Fell.
437	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, it has epicormic shoots on its stem. It has a rib on its lower stem, indicating a possible internal wound.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
438	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, it has epicormic shoots on its stem and has scattered deadwood.	Fell.
439	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, it has epicormic shoots on its stem and has scattered deadwood.	Fell.
440	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, it has epicormic shoots on its stem and a small basal wound and has scattered deadwood.	Fell.
441	Poplar <i>Populus trichocarpa</i>	Poor	M	A twin stemmed tree which bifurcates at 3.0 meters, it is located near a lamp post, it appears the sensor is being blocked by the tree's canopy. It has multiple scaffolds and suppressed deadwood.	Fell.
442	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.
443	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.
444	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree's canopy is formed by its main stem and a sub-dominant lateral. It has scattered deadwood and has reaction wood on its lower stem.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
445	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown.	Fell.
446	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem and co-dominant stems with multiple scaffolds in its upper crown. It is growing beside a lamp post and its canopy appears to be blocking the sensor.	Fell.
447	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.
448	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a wide crown, it has co-dominant leaders and sub-dominant laterals. in its upper crown. It has a bulge at its base with epicormic shoots.	Fell.
449	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has co-dominant leaders and sub-dominant laterals, it has moderate ivy cover.	Fell.
450	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a twin stem from 2.0 metres.	Fell.
451	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, with some scattered deadwood.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
452	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing by a lamp post, it has co-dominant leaders and sub dominant laterals with moderate ivy. The canopy appears to be blocking the sensor on the lamp post.	Fell.
453	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds form co-dominant leaders, it has suckers at the base.	Fell.
454	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, with some scattered deadwood.	Fell.
455	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has multiple scaffolds, it has a bulge at the base of its stem, which is a potential internal defect. Between trees 455 and 456 a eircom duct has been installed, this installation may have caused root damage. The disturbed ground is also a possible route for roots to access the ground in the rear gardens.	Fell.
456	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, its lower stem has branches with canker. It has some scattered deadwood.	Fell.
457	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its upper crown, it has minor scattered deadwood.	Fell.
458	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
459	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing by a lamp post, it has multiple scaffolds. The canopy appears to be blocking the sensor on the lamp post.	Fell.
460	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing by a lamp post, it has multiple scaffolds. The canopy appears to be blocking the sensor on the lamp post.	Fell.
461	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders with multiple scaffolds in the upper crown.	Fell.
462	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.
463	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood.	Fell.
464	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood. This tree appears to have been topped in the past.	Fell.
465	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing beside a lamp post, it has multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood. This tree appears to have been topped in the past.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
466	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing beside a lamp post, it has multiple scaffolds in its canopy and epicormic shoots on its stem, it has scattered deadwood. This tree appears to have been topped in the past.	Fell.
467	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree bifurcates at 2.0 meters forming a twin stem. It has weak union with reaction wood.	Fell.
468	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders, it has multiple scaffolds in its upper crown. It has scattered deadwood in its canopy.	Fell.
<p>SECTION E</p> <p><i>This section is along the east side of the road, the trees at the northern end are set back from the road and separate by a wide grass verge, with a stream further to the south. From tree 487 the trees are close to the footpath with an area of woodland to the east.</i></p>					
469	Poplar <i>Populus trichocarpa</i>	Fair	EM/ M	A tree with multiple scaffolds, it has moderate ivy at its base and branches on its lower stem. It has scattered deadwood.	
470	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small tree with a single stem, it appears to be sucker regrowth.	

Tree no.	Species	Condition	Age	Remarks	Action
471	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem and basal suckers. It has epicormic shoots on its stem and some minor scattered deadwood, it appears free from any significant defects.	
472	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem and basal suckers. It has epicormic shoots on its stem and some minor scattered deadwood, it appears free from any significant defects.	
473	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has co-dominant leaders in its upper crown and epicormic shoots on its stem.	
474	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small tree with a single stem it has a tall drawn up crown, it appears to be sucker growth.	
475	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a full canopy, it has dense ivy cover.	
476	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tall drawn up single stem, it appears free from defects.	
477	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, it has co-dominant leaders in the upper crown. It has ivy and has dense bramble growth at its base.	
478	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a near full canopy formed by its main stem and a sub-dominant lateral branch.	

Tree no.	Species	Condition	Age	Remarks	Action
479	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a multiple scaffolds forming a full canopy.	
480	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees upper stem bifurcates, it has a sub-dominant lateral at its base which has a weak attachment. It has ivy cover and a full canopy.	
481	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds forming a full crown, ivy growth has been killed off.	
482	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has scattered deadwood and a slight infection of canker. It has an open canopy.	
483	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds forming its canopy, it has deadwood and some canker in its lower crown.	
484	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and a tall drawn up crown.	
485	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and a tall drawn up crown.	
486	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and a tall drawn up crown.	
487	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem and a tall drawn up crown, it has an open canopy and is located close to a lamp post.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
488	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. The upper stem bifurcates, and there is a sub dominant lateral branch. It has slight ivy at the base of the stem and has some scattered deadwood.	
489	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. The upper stem bifurcates, and there is a sub dominant lateral branch forming a crown with multiple scaffolds. It has slight ivy at the base of the stem and has some scattered deadwood.	
490	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. The upper stem bifurcates, and there is a sub dominant lateral branch forming a crown with multiple scaffolds from 4.0 metres. It has slight ivy at the base of the stem and has some scattered deadwood.	
491	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. It has a single stem. It has slight ivy at the base of the stem and a small basal wound. it has some scattered deadwood.	
492	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. It has multiple scaffolds, which have been pruned up. It has slight ivy at the base of the stem and has some scattered deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
493	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath near a lamp post. It has co-dominant leaders, the canopy has been pruned up. It has slight ivy at the base of the stem and has some scattered deadwood.	Fell.
494	Poplar <i>Populus trichocarpa</i>	Fair	M	Growing at the edge of the woodland, alongside the footpath. It has multiple scaffolds. It has had ivy growth killed off at the base of the stem and has some scattered deadwood. It is close to a lamp post,	Prune canopy away from the lighting cone.
495	Poplar <i>Populus trichocarpa</i>	Fair	M	A twin stem from ground level, it has a small basal wound, its canopy has been up, it has scattered deadwood in its canopy.	
496	Poplar <i>Populus trichocarpa</i>	Fair	M	This tree has three stems from ground level, it has some scattered deadwood through its crown.	
497	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
498	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small single stem, it appears to be a sucker.	
499	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small single stem, it appears to be a sucker, it is suppressed by tree 500.	

Tree no.	Species	Condition	Age	Remarks	Action
500	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
501	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
502	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It is growing near a lamp post,	Fell.
503	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree single stem with multiple scaffolds, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It is close to a lamp post.	Prune canopy away from the lighting cone
504	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	

Tree no.	Species	Condition	Age	Remarks	Action
505	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
506	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
507	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	Prune back small truncated branch on the roadside to be to a branch collar.
508	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It has basal suckers and is close to a lamp post,	Fell.
509	Poplar <i>Populus trichocarpa</i>	Fair	M	A twin stem from 3.0 metres, it has a distorted twisted stem, and has slight canker in its lower crown.	
510	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	

Tree no.	Species	Condition	Age	Remarks	Action
511	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
512	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
513	Poplar <i>Populus trichocarpa</i>	Fair	EM	A small single stem, it appears to be a sucker.	
514	Poplar <i>Populus trichocarpa</i>	Fair	M	A twin stem with a potentially weak attachment, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It is too close to the lamp post.	Fell
515	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co dominant leaders, it has a wound on its stem. It has low branches and some scattered deadwood.	
516	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood in its canopy.	

Tree no.	Species	Condition	Age	Remarks	Action
517	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It has a basal wound with good wound wood and small basal suckers	
518	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It is close to a lamp post.	Prune canopy away from the lighting cone.
519	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy. It has a small basal wound with good wound. It is close to a lamp post.	Prune canopy away from the lighting cone.
520	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood in its canopy.	Prune canopy away from the lighting cone.
521	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy and basal suckers.	

Tree no.	Species	Condition	Age	Remarks	Action
522	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy.	
523	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 2.0 metres. It has some scattered deadwood in its canopy.	
524	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 2.0 metres. It has some scattered deadwood and canker in its lower canopy.	
525	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood and canker in its lower canopy.	
526	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood. It is growing near a lamp post.	Fell.

Tree no.	Species	Condition	Age	Remarks	Action
527	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 2.0 metres. It has some scattered deadwood and basal suckers.	
528	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem with a low canopy, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood.	
529	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood.	
530	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood.	
531	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood and canker in its lower canopy.	

Tree no.	Species	Condition	Age	Remarks	Action
532	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees canopy is formed by its main stem and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It is growing to close to a lamppost.	Fell.
533	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees canopy is formed by its main stem and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It is growing close to a lamppost.	Prune canopy away from the lighting cone.
534	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem to 3.0 metres. It has some scattered deadwood in its canopy.	
535	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with multiple scaffolds and a sub-dominant lateral, ivy has been killed off, lower branches have been pruned up to achieve a clear lower stem. It has some scattered deadwood in its canopy and basal suckers, with a bulge at the base of its stem.	Prune off basal suckers.
536	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with co-dominant leaders, it has basal suckers on its stem, it has a low canopy to 2.0 metres above ground level and has scattered deadwood.	

Tree no.	Species	Condition	Age	Remarks	Action
537	Poplar <i>Populus trichocarpa</i>	Fair	M	This trees canopy is formed by its main stem and a sub dominant lateral. It has multiple scaffolds in the upper crown. It has basal suckers and suckers on its stem. It has scattered deadwood.	
538	Poplar <i>Populus trichocarpa</i>	Fair	EM	A tree with a single stem, it has a tall drawn up narrow crown with epicormic suckers on its stem and scattered deadwood.	
539	Poplar <i>Populus trichocarpa</i>	Fair	M	A tree with a single stem, which is clear to 3.0 metres, it has epicormic shoots on its upper crown and has scattered deadwood.	

Assumptions and Limitations

This tree survey was carried out from the ground, no invasive or destructive evaluation techniques were used; all findings observations and recommendations are based on the knowledge and experience of the undersigned a qualified Arboriculturalist. Information contained in this report covers only those items that were examined and reflects the condition of those items at the time of the inspection.

Findings are based on a visual report from ground level only and it should be borne in mind it is subject only to faults visible at the time of inspection, certain pathogens only produce seasonal fruiting bodies and consequentially may not have been noted during this assessment.

All trees should be monitored on a regular basis for signs of defects and should be reported to a person qualified to diagnose them and to recommend treatment.

In the event of adverse weather conditions, there is the possibility of any tree, despite having a good report, falling over or suffering crown damage. In the event of a falling tree causing damage to residential or non-residential buildings in their proximity, or to any person, any property public or private, or any mechanical vehicle or otherwise no liability will attach to this firm.

There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the trees in question may not arise in the future. The author takes no responsibility for any actions taken by the landowner or their agents by reasons of this report unless subsequent contractual arrangements are made.

This report is intended solely for the benefit of the parties to whom it is addressed and no responsibility is extended to any third party for the whole or any part of its contents. All trees mentioned in this report should be subject to reassessment every two years to assess physiological and environmental changes.

Safety and Standards of Work

Unless otherwise stated, all work is to be carried out to a minimum of British Standard 3998 (2010) and FASTCO/Lantra/ IFSG guides currently applicable.

Pruning

This is defined as the selective removal of branches from the tree for specific results. All pruning is to be as specified in the schedule and all pruning cuts are to be made in accordance with 'natural target pruning' methods. All final cuts to be made outside the branch collar and at an angle equal but opposite to that of the branch bark ridge. Certain larger, stable sections of deadwood and very minor deadwood may be left within the crowns of certain trees - as specified in the work schedule and/or as advised by the supervising consultant arboriculturalist.

Felling

Trees to be felled shall be cut as low as possible to ground level, unless otherwise specified. Trees for felling should be dismantled (section- felled) wherever possible using appropriate rigging techniques to avoid damage to adjacent trees and other potentially vulnerable landscape features.

Disposal of Debris

All arising debris is to be processed and removed off site unless otherwise agreed. Location of storage of trunk wood prior to removal to be as agreed by the employer and supervising officer. Movement of debris off site may require appropriate licence/s for transportation.

Stumps

Tree be felled shall be felled to 450mm above ground level until they can remove by stump grinder. Trees felled near lamp posts shall be cut to below ground level and not ground out to avoid risk of damage to electrical cables.

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