



ARBORICULTURAL SURVEY

**Plot PX & NX 2 & 3
Sidney Little Road
St Leonards on Sea
TN38 9UB**

Document date: 19th November 2024

Document ref: PJC/6709/24-01 Rev -

Sussex Office
Rocks Yard, Victoria Road
Herstmonceux, East Sussex.
BN27 4TQ.

PJC Consultancy Ltd
www.pjcconsultancy.com
contact@pjcconsultancy.com
01233 225365 - 01323 832120

Kent Office
The Watermill, The Mill
Business Park, Maidstone
Road, Ashford, Kent.
TN26 1AE

This report has been prepared by
PJC Consultancy Ltd
on behalf of
Hastings Borough Council

Document author

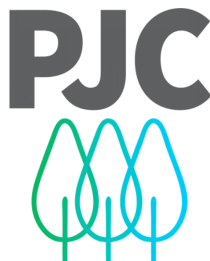
Nick Hollett Level 3 BTEC ND Forestry and Arboriculture

Nick has a level 3 National Diploma in Forestry and Arboriculture, and Level 2 BTEC Foundation Diploma Countryside and Environment. He has fifteen years experience in the arboricultural industry, and started his career as a forestry worker and Millworker before progressing as a tree surgeon, working in both the private and commercial sectors.

Checked by

Peter Davies FdSc Arboriculture M.Arbor.A

Peter has a Foundation Degree in Arboriculture from the University of Brighton and is a professional member of the Arboricultural Association. He has over ten years' experience in the arboricultural industry, originally working as a groundsman and feller, and progressing into consultancy. He is a LANTRA accredited professional tree inspector.



arboriculture . ecology . landscape



CONTENTS

1	INTRODUCTION	4
1.1	Instruction	4
1.2	Survey objectives	4
1.3	Contents of report	4
1.4	Documents and information provided.....	4
2	SURVEY METHODOLOGY	5
2.1	Tree survey information.....	5
2.2	Tree categorisation	5
2.3	Root protection areas	6
2.4	Limitations of survey.....	7
3	SITE VISIT AND SURVEY FINDINGS.....	8
3.1	Site visit.....	8
3.2	Site layout.....	8
3.3	Statutory tree protection.....	8
3.4	Findings.....	9
	Appendix 1: Tree Constraints Plan	10
	Appendix 2: Tree Survey Schedule	11
	Appendix 3: Cascade Chart for Tree Quality Assessment	12



1 INTRODUCTION

1.1 Instruction

- 1.1.1 PJC Consultancy was instructed by Hastings Borough Council to provide an initial arboricultural survey of Plot PX & NX 2 & 3, Sidney Little Road, St Leonards on Sea, TN38 9UB. The survey has been undertaken in accordance with BS5837: 2012 'Trees in relation to design, demolition and construction – Recommendations'.

1.2 Survey objectives

- 1.2.1 This survey has been undertaken with the following objectives:
- To survey all trees within and adjacent to the site with trunk diameters of 75mm or more at a height of 1.5m.
 - To assess the quality and value of the existing tree stock in terms of arboricultural, landscape, historical/conservation, or public amenity value.
 - To provide information relating to planning constraints that may restrict works to trees at the site.
 - To provide an assessment of the material constraints posed by the existing tree stock on potential future developments at the site.
 - To aid the design process, ensuring prospective developments integrate appropriately with the existing tree stock, to maximise the potential of the proposed development site.

1.3 Contents of report

- 1.3.1 This report includes the following:
- A summary of the existing tree stock and notable arboricultural features.
 - Tree constraints plan in accordance with BS5837: 2012.
 - Tree survey schedule containing the relevant measurements and information for each tree or tree group as required in BS5837: 2012.

1.4 Documents and information provided

- 1.4.1 The following documents were used to aid the preparation of this report:
- Allen Construction Consultancy Ltd - Topographical Survey ref: 6400-ACC-00-ZZ-DR-A-0003 Rev P2.
 - SeSurveying – Topographical Survey ref: 01810/15 Drawing 000-004.
 - Red Line Plots PX & NX2 & NX£ Drawing No: ESAD 1902a.



2 SURVEY METHODOLOGY

2.1 Tree survey information

2.1.1 The following information was recorded in the tree survey schedule for each individual tree (average dimensions are recorded for groups):

- Tree reference number. (T=tree, G=group, W=woodland block). Tree numbers suffixed with PA on the tree constraints plan indicate that the tree position is approximate.
- Species (common and scientific name).
- Overall tree height (m).
- Stem diameter (mm) per stem or average diameter for multi-stemmed trees with six or more stems.
- Branch spread (m) measured to the four cardinal points.
- Existing height (m) above ground level of lowest significant branch and direction of growth (for individual trees only).
- Existing height (m) above ground level of canopy.
- Age class (young, semi mature, early mature, mature, over mature or veteran).
- Physiological condition (good, fair, poor).
- Structural condition (good, fair, poor).
- Comments (general description of tree(s) including any notable features).
- Preliminary management recommendations (prescriptions for tree management processes based on the current land use and not related to the prospective development).
- Tree categorisation (see below).
- Root protection area (m²).
- Root protection radius (m).

2.2 Tree categorisation

2.2.1 The condition and value of each tree was evaluated based on the current land use. Each tree or tree group has been awarded either category A, B, C or U and a subcategory of either 1,2 or 3 or a combination of the subcategories.

2.2.2 Tree categorisation summary:

- A – Trees of good condition and high arboricultural, landscape or conservation value. Must have a potential life span in excess of forty years.
- B – Trees of moderate condition, with minor defects or sub-optimal form but are still of modest arboricultural, landscape or conservation value. Must have a potential life span in excess of twenty years.
- C – Unremarkable trees of poor condition or form with limited arboricultural, landscape or conservation value, or trees with a stem diameter under 150mm. Must have a potential life span in excess of ten years.
- U – Trees of such impaired condition that they cannot realistically be retained as living trees in the context of the current land use for more than ten years. These trees do not



need to be removed if they are not dangerous and do not conflict with the proposed development, but should not be considered a constraint to development.

2.2.3 Tree sub categorisation summary:

- 1 – Trees have mainly arboricultural value, e.g. trees of good condition, form and vitality or rare tree species.
- 2 – Trees have mainly landscape value, e.g. trees of landscape prominence, that serve to screen unsightly views or that are required for privacy. Also trees present in groups that attain higher collective rating that they would as individuals.
- 3 – Trees with mainly cultural value including conservation, e.g. commemorative trees, trees of historical significance or veteran trees.

2.2.4 Each tree can only be categorised as A, B or C but may comply with more than one subcategory. A cascade chart further explaining how tree categorisation is decided is included in Appendix 3.

2.3 Root protection areas

2.3.1 A root protection area represents a calculation of the minimum volume of rooting medium required to support a tree. It is a standardised calculation based on the stem diameter(s) measured at 1.5m and is not necessarily representative of the actual root spread or total rooting area of a tree. The formulas used to calculate root protection areas are shown below:

Table 1: Root protection area formulas

Number of stems	Root protection area formula
Single stemmed trees	$\frac{(\text{stem diameter (mm)} \times 12)^2 \times \pi}{1000}$
Trees with two to five stems	$\sqrt{(\text{stem diameter } 1)^2 + (\text{stem diameter } 2)^2 \dots + (\text{stem diameter } 5)^2}$
Trees with more than five stems	$\sqrt{(\text{mean stem diameter})^2 \times \text{number of stems}}$

2.3.2 The root protection areas are plotted onto the tree constraints plan in Appendix 1 and are recorded in the tree survey schedule in Appendix 2. These are represented as a circle on the plan (unless significant rooting constraints are present), and are colour coded depending on the category the tree has been awarded. Where existing site conditions/features are present that are deemed likely to have affected the root morphology, the root protection areas have been represented as a polygon of equivalent area.

2.3.3 The proposed layout should avoid level changes or the placement of new buildings and areas of hard standing within the root protection areas of retained trees. In certain situations, engineered solutions are available to allow construction within the root protection areas however further input from an arboriculturist should be sought regarding their site-specific viability before these methods are relied upon.

2.3.4 The disturbance of a tree's root system can result in crown dieback and even death of the tree. Roots are used to support the tree structurally as well as the absorption of moisture and nutrients from the soil. They also act as storage and transport for water and nutrients.



- 2.3.5 Direct damage such as root severance can lead to ill health, as can compaction of the soil by construction traffic, heavy plant and storage of materials. Changing the nature of the surface above the growing medium, (i.e. from porous to non-porous), can alter the resources available to the tree, which in turn can lead to its decline.
- 2.3.6 The majority of root growth is usually found within the top 600mm of soil. As such, even a shallow disturbance within a root protection area can potentially have a significant impact on the tree.
- 2.3.7 The root protection areas must be left free from excavation and disturbance and protected from compaction or contamination during any proposed works. Any construction works within a root protection area required for the proposed development must be justifiable within an arboricultural impact assessment.

2.4 Limitations of survey

- 2.4.1 The survey methodology was restricted to a visual tree assessment from ground level. No tree climbing or invasive ground investigation was carried out for this report. Where existing site constraints are present such as ivy covered trees, a very dense under-storey, or where trees are located on third party land to which access was not granted, tree dimensions were estimated by eye as accurately as possible.
- 2.4.2 This survey represents a preliminary overview of the condition and value of trees at the site. It is not a detailed assessment of any individual tree and although preliminary management recommendations are included, this report will not be sufficient to be used as a detailed condition and safety survey.
- 2.4.3 The information and measurements in this report are representative of the date of the site visit. The tree survey data will need to be updated to reflect tree growth and changes in the condition of the trees after prolonged periods.



3 SITE VISIT AND SURVEY FINDINGS

3.1 Site visit

- 3.1.1 A site visit was carried out on 1st November 2024. The weather conditions at the time were dry and overcast. The visibility was adequate for completing visual tree inspection from ground level. Deciduous trees were in partial leaf.

3.2 Site layout

- 3.2.1 The site is located to the east of Sidney Little Road. The site comprises of a large areas of dense tree sapling and bramble growth with sporadic trees throughout. A woodland is located on the east of the site and a mature line of trees extends from the west to east through the centre of site. The surrounding land use consist of a woodland to the east and industrial units to the north, west and south.
- 3.2.2 A check of 'MAGIC'¹ map showed the woodland located to the east of the site to be ancient semi natural woodland (ASNW). Ancient woodland is any area that's been continuously wooded since at least 1600 AD. Natural England and Forestry Commission standing advice on any development near to ASNW states that you should have a buffer zone of at least 15m to avoid root damage. This 15m buffer is shown on the tree constraints plan at Appendix 1.
- 3.2.3 None of the trees surveyed for this report were assessed to be of ancient or veteran specimens.

3.3 Statutory tree protection

- 3.3.1 Hastings Borough Council Planning Department was contacted by email to establish whether any tree preservation order (TPO) protects the trees at this site. It was reported on 27th November 2024 that no TPO protects the trees on this site.
- 3.3.2 Any persons proposing to undertake tree works should still check the status of the trees with the local planning authority prior to undertaking any tree works. Failure to adhere to TPO legislation could lead to prosecution and if convicted a fine and criminal record. The crown of a tree and its roots are protected. The person carrying out the works, the person instructing the works and the Directors of that company are potentially liable. Failure to check whether tree/s are the subject of TPO/s could not be used as mitigation.
- 3.3.3 The site is not located within a Conservation Area.

¹ The DEFRA MAGIC map website provides authoritative geographic information about the natural environment across government: www.magic.defra.gov.uk



3.4 Findings

3.4.1 A total of 22 trees, nine tree groups and one woodland were surveyed. Their locations are shown on the tree constraints plan at Appendix 1 and details and measurements are shown in the tree survey schedule at Appendix 2.

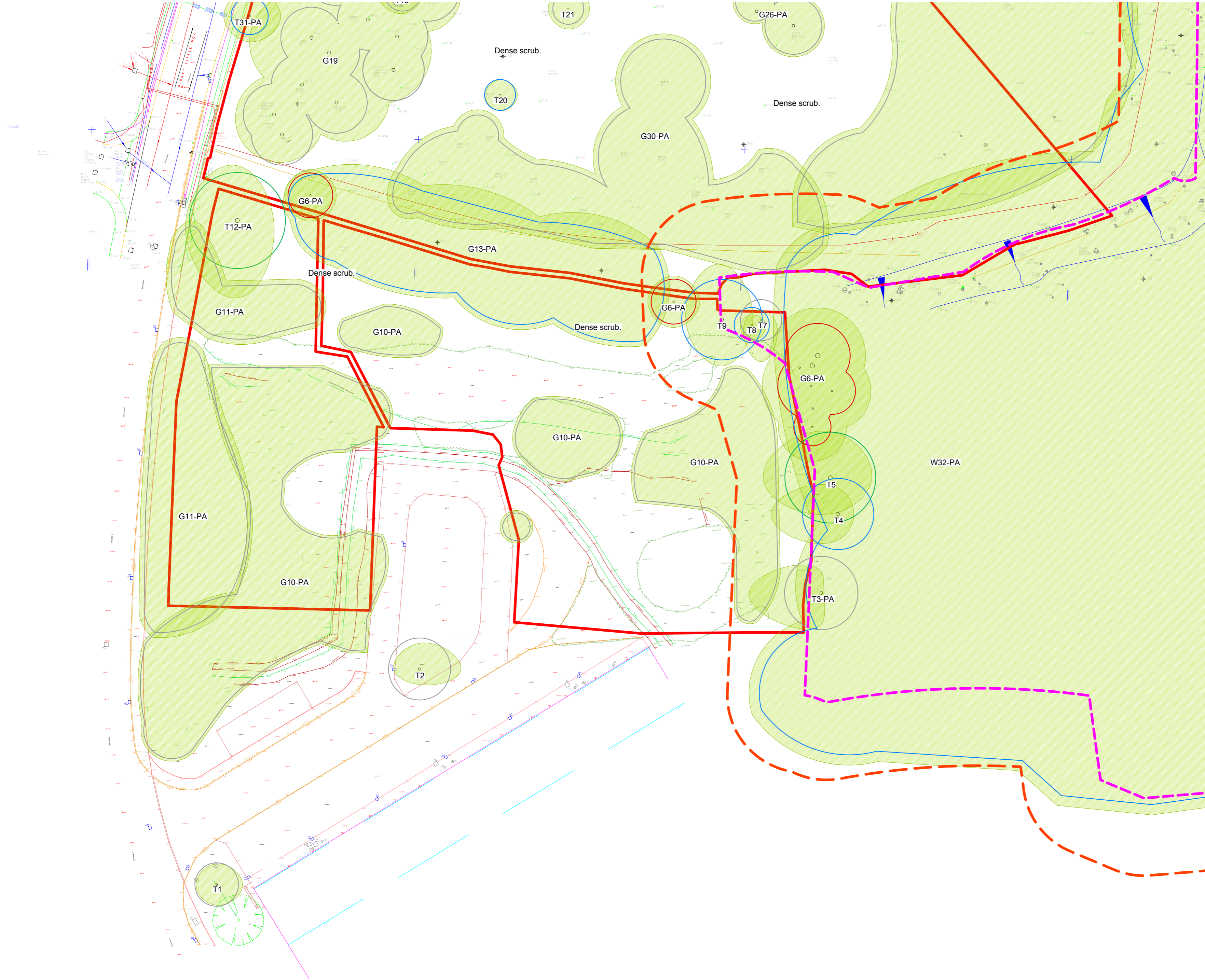
3.4.2 A summary of their British Standard categorisation is shown at Table 2 below.

Table 2: Tree categorisation summary

Tree category	Individual tree	Tree group	Woodland
A	2	-	-
B	7	1	1
C	12	7	-
U	1	1	-
Total	22	9	1



Appendix 1: Tree Constraints Plan



Key:

- Root protection area for category A* tree
- Root protection area for category B* tree
- Root protection area for category C* tree
- Root protection area for category U* tree
- Tree canopy
- Extent of ancient woodland
- 15m ancient woodland buffer
- Topographical tree
- Site boundary

* Tree categorised in accordance with BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

Tree survey schedule contains further information for each tree.

This drawing should be viewed in colour.

Tree numbers suffixed with PA indicate the tree position is approximate.



Drawing no: PJC/6709/24/A **Rev:** - **Sheet number:** 1 of 2

Site:
Plot PX & NX 2 & 3

Sidney Little Road
St Leonards on Sea
TN38 9UB

Drawing title: Tree Constraints Plan

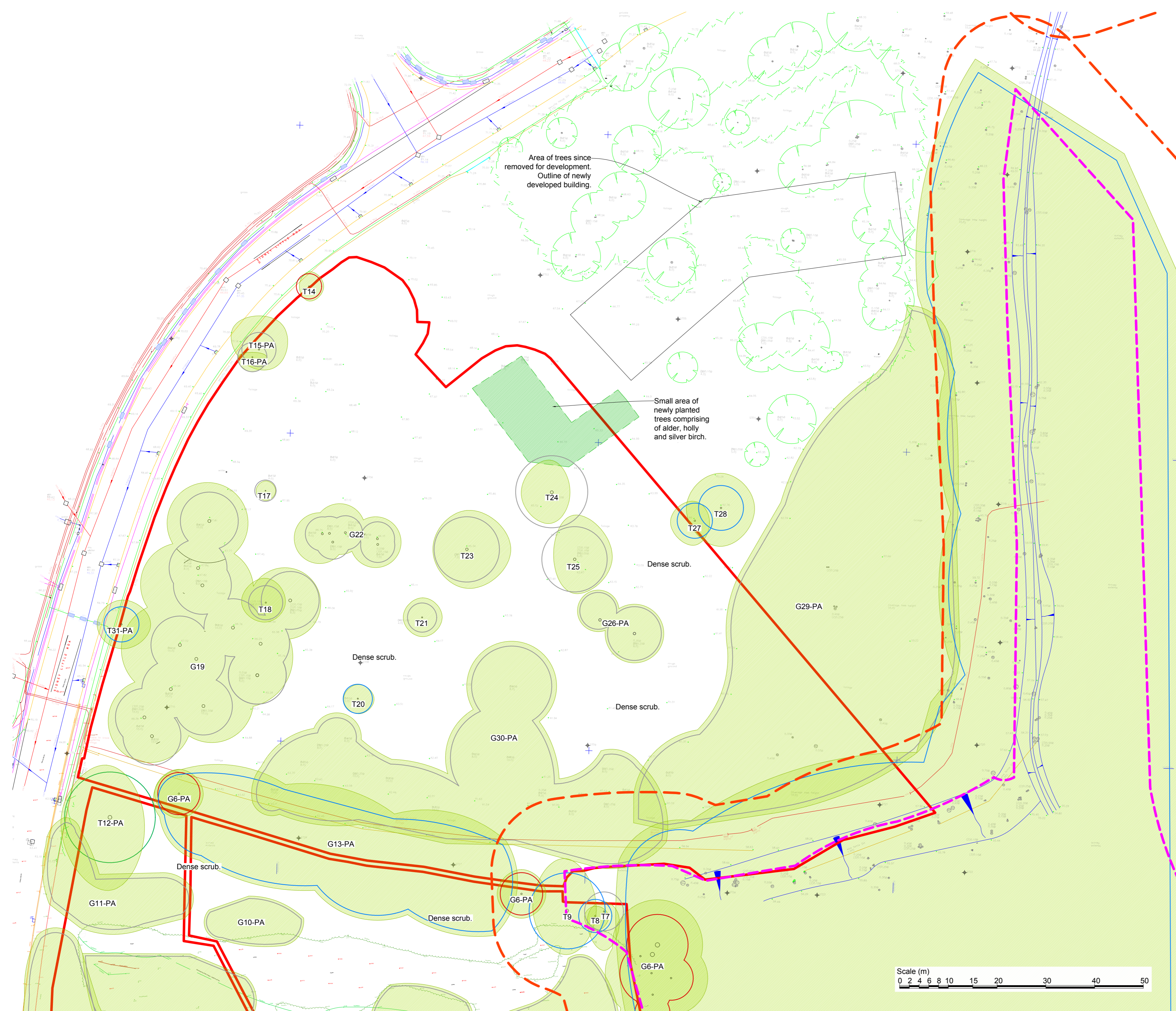
Date drawn: 19/11/2024

Scale: 1:500 at A2

Drawn by: NH **Checked by:** PD



PJC Consultancy
Rocks Yard, Victoria Road,
Herstmonceux, Hailsham, East
Sussex, BN27 4TQ.
t: 01323 832120
e: contact@pjcconsultancy.com
w: www.pjcconsultancy.com



- Key:**
- Root protection area for category A* tree
 - Root protection area for category B* tree
 - Root protection area for category C* tree
 - Root protection area for category U* tree
 - Tree canopy
 - Extent of ancient woodland
 - 15m ancient woodland buffer
 - Topographical tree
 - Site boundary

* Tree categorised in accordance with BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

Tree survey schedule contains further information for each tree.

This drawing should be viewed in colour.

Tree numbers suffixed with PA indicate the tree position is approximate.

Drawing no: PJC/6709/24/A Rev: - Sheet number: 2 of 2

Site:
Plot PX & NX 2 & 3

Sidney Little Road
St Leonards on Sea
TN38 9UB

Drawing title: Tree Constraints Plan

Date drawn: 19/11/2024

Scale: 1:500 at A2

Drawn by: NH

Checked by: PD



PJC Consultancy
Rocks Yard, Victoria Road,
Herstmonceux, Hailsham, East
Sussex. BN27 4TQ.
t: 01323 832120
e: contact@pjconsultancy.com
w: www.pjconsultancy.com



Appendix 2: Tree Survey Schedule

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T1	Ash (Fraxinus excelsior)	9	260, 240	N: 4 E: 5 S: 4 W: 4	Crown: 4 average Branch: 3 north	Semi mature	Fair	Fair	Co-dominant stems from 0.5m with included bark and reaction growth wood. Previously crown life and reduced. Minor deadwood within crown.	No action required on date of survey.	C1+2	56.6	4.2
T2	Goat willow (Salix caprea)	9	500 est	N: 5 E: 8 S: 3 W: 5	Crown: 0 average Branch: 0 average	Mature	Good	Fair	Multi stemmed from base with included bark and minor separation within unions. Historic layered stem with regrowth. Minor cavity's and decay present at old pruning points. Minor deadwood typical of species.	No action required on date of survey.	C1+2	113.1	6.0
T3	Pedunculate oak (Quercus robur)	10	590	N: 4 E: 0 S: 6 W: 14	Crown: 4 west Branch: 4 west	Mature	Good	Fair	Significant west leaning stem. Minor deadwood within crown. Crown touching top of bank to west.	No action required on date of survey.	C12	157.5	7.1
T4	Pedunculate oak (Quercus robur)	14	520, 240	N: 5 E: 3 S: 5 W: 13	Crown: 4 west Branch: 4 west	Mature	Good	Fair	Multi stemmed from base. Larger stem significant west lean. Small cavity with minor decay at western stem base.	No action required on date of survey.	B1+2	148.4	6.9
T5	Pedunculate oak (Quercus robur)	18	730	N: 9 E: 8 S: 7 W: 13	Crown: 3 west Branch: 5 west	Mature	Good	Good	Deadwood within crown. Historic limb damage visible in crown. Minor ivy on stem. No major visible defects. Located on woodland edge.	No action required on date of survey.	A1+2	241.1	8.8
G6	Ash (Fraxinus excelsior)	8-16 average	300 average	1-5 average	2-8 average	Semi mature - mature	Poor	Poor	Group of ash trees in varies stages of decline due to Ash Dieback Disease. Standing dead trees/significant deadwood. Previous failed stems /branches. Dense understorey inhibits inspection of base.	Fell is access into target area increase.	U	40.7 average	3.6 average

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T7	Pedunculate oak (Quercus robur)	14	330	N: 2 E: 2 S: 8 W: 2	Crown: 4 south Branch: 4 south	Semi mature	Good	Fair	Dual stemmed from 2m with included bark and reaction growth wood. Crown bias south. Dense understorey inhibits thorough inspection.	No action required on date of survey.	C1+2	49.3	4.0
T8	Pedunculate oak (Quercus robur)	14	290	N: 2 E: 3 S: 3 W: 2	Crown: 5 south Branch: 4 east	Semi mature	Good	Fair	Dense understorey inhibits thorough inspection. Minor ivy on stem. No major visible defects.	No action required on date of survey.	B1+2	38.1	3.5
T9	Pedunculate oak (Quercus robur)	15	650 est	N: 11 E: 6 S: 9 W: 7	Crown: 2 south Branch: 2 west	Mature	Good	Good	Dense understorey inhibits thorough inspection. Minor included bark within branch unions.	No action required on date of survey.	B1+2	191.2	7.8
G10	Mixed (oak, willow, field maple, ash, hawthorn, blackthorn, sycamore, dog rose, brambles)	1-8 average	Up to 200, 150 average	1-4 average	0 average	Young - semi mature	Good	Fair	Dense large areas of self seeded saplings. Similar age and size. Dense bramble throughout restricts access to survey. Some pruning undertaken by parking area otherwise lapsed in maintenance .	No action required on date of survey.	C2	10.2 average	1.8 average
G11	Mixed (oak, field maple)	6-12 average	250 average	1-4 average	2 average	Semi mature	Fair	Fair	Group of similar size and age. Minor deadwood within crowns. Minor squirrel damage. Previously pruned west for footpath. Wire fence within stems beside footpath.	No action required on date of survey.	C2	28.3 average	3.0 average
T12	Pedunculate oak (Quercus robur)	16	620, 470	N: 10 E: 7 S: 15 W: 10	Crown: 1 south Branch: 0.5 south	Mature	Good	Good	Dual stemmed from base. Large open grown habit. Historic limb failure at 5m north. Minor deadwood within crown over low target area.	No action required on date of survey.	A1+2	273.9	9.3

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
G13	Mixed (oak, field maple)	10-15 average	Up to 500, 350 average	1-8 average	2 average	Semi mature - mature	Good	Good	Large mixed tree line located within ditch extending west to east. Restricted access to trees due to dense understorey. Minor deadwood. Historic limb failure visible.	No action required on date of survey.	B2	55.4 average	4.2 average
T14	Ash (Fraxinus excelsior)	7	220	N: 3 E: 3 S: 3 W: 2	Crown: N/A Branch: 2 average	Semi mature	Poor	Poor	Multi stemmed from 2m with poor union. Crown 90% dead within minimal budding. Previous limb failure. Short potential only.	Fell is access into target area increase.	U	21.9	2.6
T15	Cherry (Prunus avium)	9	290	N: 7 E: 5 S: 4 W: 7	Crown: 1 average Branch: 1.5 average	Semi mature	Fair	Fair	Dense bramble within crown. Included bark at branch unions. Minor deadwood.	No action required on date of survey.	C1+2	38.1	3.5
T16	Pedunculate oak (Quercus robur)	8	250	N: 1 E: 3 S: 3 W: 4	Crown: 1 average Branch: 2 south	Semi mature	Good	Good	Crown bias south due to suppression from T15. dens bramble understorey inhibits thorough inspection.	No action required on date of survey.	C1+2	28.3	3.0
T17	Sycamore (Acer pseudoplatanus)	7	180 est	N: 2 E: 2 S: 2 W: 2	Crown: 2 average Branch: 2 average	Young - semi mature	Good	Good	Dense understorey inhibits access. North limb at 1m snapped.	No action required on date of survey.	C1+2	14.7	2.2
T18	Sycamore (Acer pseudoplatanus)	8	170, 170, 170	N: 5 E: 4 S: 4 W: 5	Crown: 1 north Branch: 2 north	Semi mature	Good	Fair	Multi stemmed from base with included bark. Internal suppression deadwood.	No action required on date of survey.	C1+2	39.2	3.5

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
G19	Goat willow (Salix caprea)	6-14 average	Up to 500, 350 average	1-7 average	1-3 average	Semi mature - mature	Good	Fair	Large multi stemmed willow group with entangled canopies. Included bark and minor cracking/separation at unions. Minor deadwood and historic limb failure points. Dense crown restricts visual inspection.	No action required on date of survey.	C2	55.4 average	4.2 average
T20	Field maple (Acer pseudoplatanus)	10	250 est	N: 3 E: 3 S: 3 W: 3	Crown: 1 average Branch: 1 east	Semi mature	Good	Good	Limited access to tree. No major visible defects..	No action required on date of survey.	B1+2	28.3	3.0
T21	Field maple (Acer pseudoplatanus)	8	250 set	N: 4 E: 4 S: 4 W: 4	Crown: 0 average Branch: 0 average	Semi mature	Good	Good	Multi stemmed from base with minor bark inclusion.	No action required on date of survey.	C1+2	28.3	3.0
G22	Goat willow (Salix caprea)	8-14 average	Up to 300 average	1-7 average	1 average	Semi mature	Good	Fair	Included bark and reaction growth wood at unions. Crossing/grafted branches. Located at bottom of bank. Minor deadwood within crown.	No action required on date of survey.	C2	40.7	3.6
T23	Goat willow (Salix caprea)	12	330, 310, 220, 220	N: 8 E: 9 S: 8 W: 7	Crown: 1 average Branch: 1 average	Mature	Good	Fair	Multi stemmed from base with included bark and reaction growth wood. Minor bark inclusions at branch unions. Crossing/grafted stem and branches. Small hawthorn beneath crown.	No action required on date of survey.	C1+2	139.4	6.7
T24	Goat willow (Salix caprea)	12	310, 270, 270, 250, 200, 200	N: 7 E: 4 S: 6 W: 6	Crown: 1 average Branch: 1 average	Mature	Good	Fair	Multi stemmed from base with included bark and reaction growth wood. Crossing/grafted stem and branches. Minor deadwood within crown. Some exposed roots around base.	No action required on date of survey.	C1+2	169.7	7.4

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T25	Goat willow (Salix caprea)	11	350, 350, 200, 170, 170	N: 9 E: 8 S: 7 W: 4	Crown: 1 north Branch: 1 average	Mature	Good	Fair	Multi stemmed from 0.5m with included bark. Minor deadwood within crown. Crossing/grafted branches. Large burr on lower stem.	No action required on date of survey.	C1+2	139.1	6.7
G26	Goat willow (Salix caprea)	6-8 average	250 average	1-5 average	0 average	Semi mature	Good	Fair	Multi stemmed from base group. Included bark and reaction growth wood present at unions. Historic limb failure and handing partially snapped limbs in crown. Grafted stems and branches.	No action required on date of survey.	C2	28.3 average	3.0 average
T27	Pedunculate oak (Quercus robur)	11	300	N: 4 E: 3 S: 5 W: 5	Crown: 1 south Branch: 4 average	Semi mature	Good	Good	Minor deadwood within crown. No major visible defects.	No action required on date of survey.	B1+2	40.7	3.6
T28	Pedunculate oak (Quercus robur)	12	380	N: 7 E: 7 S: 8 W: 7	Crown: 1 north Branch: 4 south	Semi mature	Good	Good	Included bark with reaction growth wood at main union. Snapped hanging limb within crown. No major visible defects.	No action required on date of survey.	B1+2	65.3	4.6
G29	Mixed (willow, oak, ash, silver birch, maple, hornbeam, field maple)	1-14 average	200 average	0 average	0 average	Young - semi mature	Good	Fair	Restricted access to group due to dense understorey. Dense saplings sections. Multi stemmed willows.	No action required on date of survey.	C2	18.1 average	2.4 average
G30	Mixed (willow, field maple)	1-12 average	250 average	1-6 average	0 average	Semi mature	Good	Fair	Mixed group with no direct access and restricted view. Willow dominant.	No action required on date of survey.	C2	28.3 average	3.0 average

Site: Plot PX & NX 2&3

Survey date: 01/11/2024

Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T31	Pedunculate oak (Quercus robur)	7	300 est	N: 5 E: 6 S: 5 W: 5	Crown: 2 average Branch: 2 east	Semi mature	Good	Good	Previously crown lifted east to allow installation of palisade fence. Fence post at stems base. Minor deadwood within crown.	No action required on date of survey.	B1+2	40.7	3.6
W32	Mixed (oak, ash, willow, maple, hawthorn)	1-19 average	Up to 650, 350 average	1-8 average	1-5 average e	Semi mature - mature	Good	Good	Woodland located to east of site. Ash in varies stages of Ash Dieback Disease within woodland. Historic fallen trees. Deadwood within canopies.	No action required on date of survey.	B2	55.4 average	4.2 average

Appendix 3: Cascade Chart for Tree Quality Assessment

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention				
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of their current land use for longer than 10 years.	<ul style="list-style-type: none">• 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 the removal of other category U 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
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for retention				
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years.	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or 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 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 remedial defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.	Trees present in numbers, usually growing 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 significantly 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

PJC



CONTACT DETAILS

Sussex Office:

Rocks Yard
Victoria Road
Herstmonceux
Hailsham
East Sussex
BN27 4TQ

Tel: 01323 832120

Kent Office:

The Watermill
The Mill Business Park
Maidstone Road
Ashford
Kent
TN26 1AE

Tel: 01233 225365

Author: N.Hollett

Date: 19th November 2024

E-mail: n.hollett@pjconsultancy.com