

Tree Survey and Constraints Report

Virtu Homes

Report prepared for Parkwood Mill

NAME OF SITE:	Parkwood Mill, Stoney Lane, Longwood, Huddersfield HD3 4ZQ
PROJECT No:	12063
CLIENT NAME:	Virtu Homes
SPECIALIST:	Amenity Tree Care Ltd
DATE PREPARED:	14.06.2024
PREPARED BY:	Paul Springett
REVIEWED BY:	Simon Brain
DATE REVIEWED:	14.06.2024
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1.0 Instruction

- 1.1 Amenity Tree Care has been instructed by Virtu Homes to prepare the following Tree Constraints Report for land at Parkwood Mill, Stoney Lane, Longwood, Huddersfield HD3 4ZQ
- 1.2 The survey was conducted using the client supplied topographical data, which was issued by Virtu Homes.
- 1.3 The tree constraints report was carried out in line with the recommendations in BS 5837:2012 *Trees in relation to design, demolition and construction – Recommendations* and evaluates the direct and indirect impacts of the current tree population.
- 1.4 The constraints assessment considers constraints posed above and below ground and should be used to inform any future design layout.
- 1.5 Further consideration will be required at the design stage in the form of an impact assessment that evaluates the direct and indirect effects of any proposed design and where necessary will recommend mitigation.
- 1.6 Below ground constraints are influenced by the root protection area and are determined in line with the recommendations set out in BS 5837:2012. These recommendations quantify the root protection area based on a measured stem diameter in accordance with Annex C, and the root protection area determined from Annex D of BS 5837:2012.
- 1.7 It is important to understand that when considering the root protection area with regards to the circular plot as delineated on the tree protection plan that a number of site factors can influence root morphology and disposition of tree roots. Root morphology is considered when determining the impacts of the proposed development on existing woody vegetation.
- 1.8 Above ground constraints are considered in line with the recommendations in BS 5837:2012 and include shade dominance, current and future crown spread as well as the ultimate height of those retained trees.

2.0 Report Limitations

- 2.1 The inspection has been carried out from ground level only, using visual observation. Where a more detailed inspection is required, this is highlighted in the recommendations.
- 2.2 Trees are living organisms whose health and condition can change rapidly. The health, condition and safety of trees should be checked on a regular basis, preferably at least once a year. The conclusions and recommendations in this report are only valid for a period of six months from the date of this report. This period of validity may be reduced in the case of any change in conditions to or in proximity to the tree.
- 2.3 A desktop search of the Kirklees Council Interactive Map for Tree Preservation Orders has confirmed that part of the site is covered by TPO and falls within a Conservation area as shown in the image Fig 1.

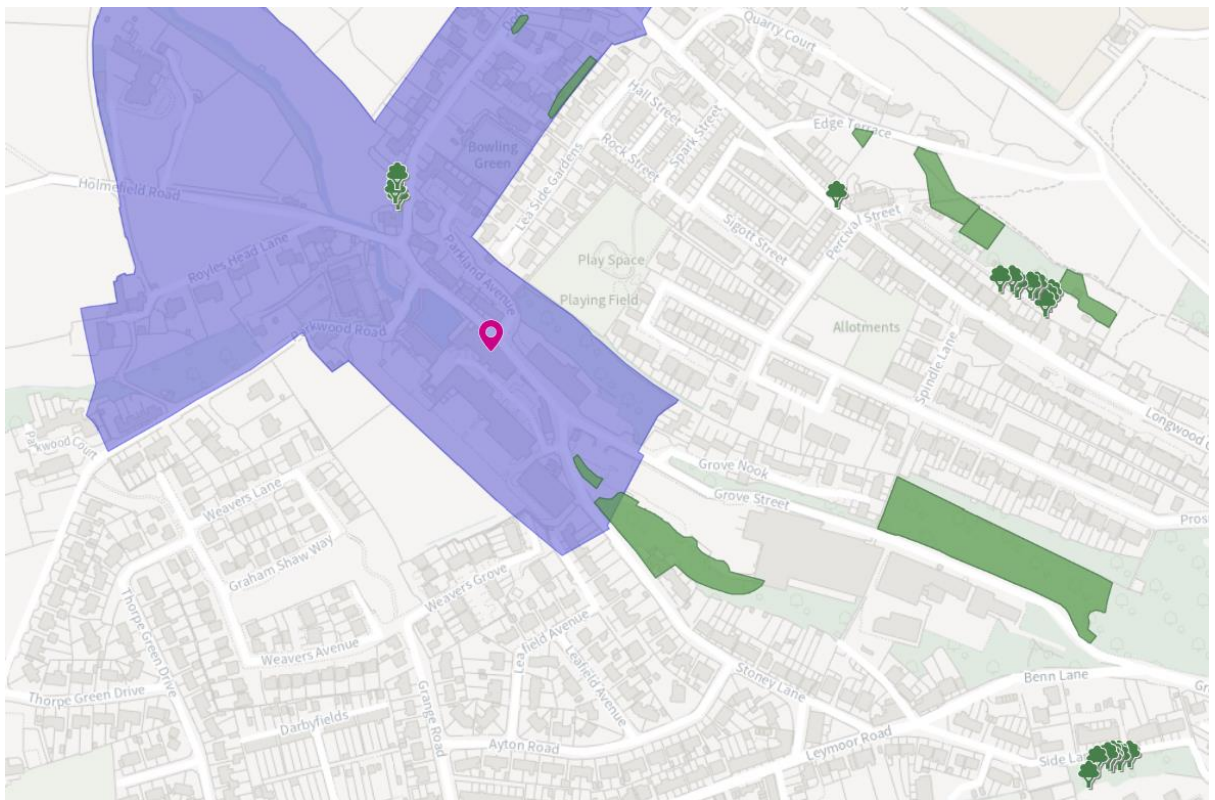


Fig 1

- 2.4 Any legal descriptions or information given to the consultant are understood to be accurate.

- 2.5 No responsibility is assumed by Amenity Tree Care Ltd for legal matters that may arise from this report and the consultant shall not be required to give testimony or to attend court unless subsequent contractual arrangements are made.
- 2.6 Any alteration or deletion from this report will invalidate it as a whole and the conclusions of this report will remain valid for six months from the date of the inspection.
- 2.7 The responsibility for any tree work(s) undertaken on the surveyed trees rests with the land managers.

3.0 Methodology and data collection

- 3.1 The site was visited as indicated above and the trees were assessed visually utilising the Visual Tree Assessment methodology (Matteck, C., et al.).
- 3.2 Each individual tree has been assessed with general regard to condition, health and structural suitability and commented upon in the report.
- 3.3 An individual and group schedule is appended to this report and includes detailed information relating to tree height *both current and future*, stem diameters, crown dimensions and estimated remaining contribution.
- 3.4 Where dimensions have been recorded the following measurement conventions have been observed
 - a) Height, crown spread and crown clearance have been recorded to the nearest half metre (crown spread has been rounded up) for dimensions up to 10m and the nearest whole meter for dimensions over 10m.
 - b) Stem diameters have been recorded in millimetres and rounded to the nearest 10mm
 - c) Where dimensions have been estimated (*e.g. for those trees located off site or where access is restricted, and accurate data cannot be recorded*) these trees will be suffixed with #.
- 3.5 Where necessary recommendations for remedial tree works (Preliminary Management Recommendations) are provided on the basis of the tree(s) current condition.
- 3.6 Trees growing as groups or woodland have been identified and assessed by the arboriculturist. An assessment has been undertaken of the individual trees within the group/woodland in order to determine the category score and aid future management plans.
- 3.7 Trees that have not been identified on the topographical survey have been plotted by eye on site and identified as such on the tree survey schedule (#).

4.0 Arboricultural Constraints

- 4.1 Below ground constraints are influenced by the root protection area (RPA) and are determined in line with the recommendations set out in section 4.6 of BS 5837:2012. These recommendations quantify the RPA based on a measured stem diameter in accordance with Annex C, and the RPA determined from Annex D. The RPA for trees with two to five stems are assessed using the calculation in 4.6.1. It is important to understand that when considering the RPA with regards to the circular plot that a number of site factors can influence the root morphology and disposition of tree roots as stated in section 4.6.3 of BS 5837:2012. Trees that form the leading edge of groups/woodland are recorded at intervals along the woodland/group edge in order to accurately plot a root protection area. All these factors must be considered when contemplating the impacts of the potential development on existing woody vegetation.
- 4.2 Above ground constraints posed by existing trees can significantly affect the proposed land use and the subsequent condition will be considered by the planning officer should the development be allowed to proceed. Above ground, constraints are considered in line with the recommendations in section 5.2 of BS 5837:2012 and include shade dominance, current and future crown spread as well as the ultimate height of those retained trees.

5.0 Summary

Category A	Category B	Category C	Category U
T13, T71	T4, T5, T27, T28, T47, T54, T56, T59, T65, T66, T67, T72, G6, G7	G1, T1, G2, T2, G3, G4, T3, T6, T7, T8, T9, T10, T11, T12, T14, T15, T16, T17, G5, T18, T19, T20, T21, T22, T23, T24, T25, T30, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T46, T48, T49, T52, T53, T55, T57, T58, T60, T61, T62, T64, T68, T69, T70, T73, T74, T75, G8, T76, T77, T78, T79, T80, G9	T26, T29, T50, T51, T63
<p>Summary: A total of 80 trees, and 9 groups were surveyed across the site</p>			

Note: Please refer to tree survey schedule for detailed dimensions and specific site comments

Appendix 1

Survey Key

Tree No. Sequential reference number e.g., T1, T2 for individual trees, where trees are determined to be a group they will be denoted as follows G1, G2 and W1, W2 for woodlands.

Species: Recorded and listed by both common name and scientific name

Stem: Principal above ground structural component(s) of a tree that supports its branches.

Height: Provides indication of the height of the tree and is measured in meters from ground level to the upper canopy edge and is recorded up to the nearest half meter for heights up to 10 meters and the nearest meter for heights over 10 meters.

Stem diameter: Measured at a height of 1.5 meters from ground level using a diameter tape and recorded in millimetres. Where the stem cannot be measured at 1.5 meters due to irregular swellings on the stem or low branching then the position of measurement will be taken in accordance with the specification in Annex C of BS 5837:2012

Crown spread: Measured at the four cardinal points of a compass (north, south, east, and west) from the centre of the stem and rounded up to the nearest meter in order to provide an accurate representation of the crown spread in order to show above ground constraints.

Crown height: Measured distance between the lowest points of the crown from ground level.

Life stage: A method of age estimation e.g. young - the first one third of the estimated life expectancy, middle mature- the second third of the estimated life expectancy, mature- The last third of the estimated life expectancy , over mature- trees showing obvious signs of senescence

First significant branch (FSB): The direction of growth of the first significant branch from the point of attachment.

Comments: A brief evaluation and description of the tree in order to inform on significant defects or characteristics relating to tree form. Where comments are not present it should be assumed that no relevant features were exhibited.

Recommendations: Arboricultural recommendations based on the current land use only and are provided where action is required in order to aid in the long term management of the tree or for reasons of site safety.

Survey restrictions: It may be necessary on occasion to estimate tree dimensions where access is not available or where structure(s) or vegetation is precluding the visual assessment. Where dimensions are estimated it will clearly be marked in the tree survey schedule and be suffixed with #.

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 trees viability. All stem diameters are calculated in line with the guidance given in BS 5837:2012 Annex D

Tree categorisation: a method of apportioning a value (non-fiscal) to trees in order to identify the quality and value of existing tree stocks, allowing for informed decisions to be made regarding which trees are to be retained or removed dependant on development occurring. Category U-Those in such a condition that cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. Category A-Trees of a high quality with an estimated life expectancy of at least forty years. Category B-Trees of a moderate quality with an estimated remaining life expectancy of at least 20 years. Category C-Trees of a low quality with an estimated remaining life expectancy of at least 10 years.

Please refer to Table 1 Cascade chart for tree quality assessment, including subcategories, reference BS 5837:2012

Estimated remaining contribution: estimated remaining life expectancy e.g. <10, 10+, 20+, 40+

Statutory wildlife obligations: The Wildlife and Countryside Act 1981

The Wildlife and Countryside Act 1981 as amended, the Countryside and rights of Way Act 2000 and the Conservation (Natural Habitats) Regulations 1994.

These regulations protect all wild birds and make it an offence to intentionally or recklessly disturb any wild bird listed on Schedule 1 while it is nest building, or at a nest containing eggs or young, or disturb the dependent young of such a bird.

Furthermore the Act makes it an offence (with exception to species listed in Schedule 2) to intentionally:

- kill, injure, or take any wild bird,
- take, damage or destroy the nest of any wild bird while that nest is in use or being built (also [take, damage or destroy the nest of a wild bird included in Schedule ZA1] under the Natural Environment and Rural Communities Act 2006), or
- take or destroy an egg of any wild bird

Bats are protected under Schedule 2 of the Conservation (Natural Habitats) Regulations 1994 making it an offence to damage or destroy a roost site even if the roost is not occupied at the time. The potential fines for each offence is £5000 and if more than one bat is involved in the incident then the fine can be extended to £5000 per bat. A prison sentence can be issued with offenders serving up to six months in prison.

Appendix 2

Table 1 cascade chart

Category and definition	Criteria (including subcategories where appropriate)	Identification on plan		
Trees unsuitable for retention (see Note)				
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	<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 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; see 4.5.7			
		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)	
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 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	
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 150 mm	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	

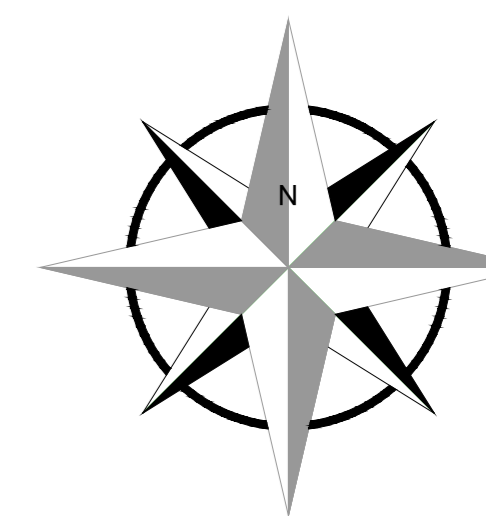
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Appendix 3 Survey schedule

Tree No.	Latin name	Life Stage	Diameter(mm)	Stem Count	Height(m) / Crown Height (m)	North(m)	South(m)	East(m)	West(m)	Category	Estimated Remaining Life Expectancy (yrs)	Pick-Comments	Comments	Recommendations	RPR(m)	RPA(m)
G1	Salix caprea (Goat Willow),Sambucus	Y	75	1	7(0)	1	1	1	1	C2	40+				0.9	2.55
T1	Sambucus nigra (Elder)	Y	75,75,100	3	7(1)	0	2	1.5	1.5	C1	20+				1.75	9.62
G2	Acer pseudoplatanus	Y	75	1	4(0)	0.5	0.5	0.5	0.5	C2	20+				0.9	2.55
T2	Fraxinus excelsior (Ash)	Y	75	1	7(0)	1	1	1	1	C2	20+				0.9	2.55
G3	Acer pseudoplatanus	Y	75	1	7(0)	1	1	1	1	C2	20+				0.9	2.55
G4	Acer pseudoplatanus	Y	75	1	7(0)	1	1	1	1	C2	20+				0.9	2.55
T3	Acer pseudoplatanus (Sycamore)	M	300,300,300	3	24(4)	8	3	5	9	C1	20+	Included bark			6.24	122.34
T4	Acer pseudoplatanus (Sycamore)	M	700	1	22(6)	9	5	6	8	B1	40+				8.4	221.7
T5	Acer pseudoplatanus (Sycamore)	M	500,550	2	22(6)	8	7	9	9	B1	40+				8.92	250
T6	Acer pseudoplatanus (Sycamore)	SM	75,150	2	11(1)	3	3	3	3	C1	20+				2.02	12.82
T7	Acer pseudoplatanus (Sycamore)	SM	150,150,300,450	4	18(1)	6	6	6	6	C1	20+				6.97	152.64
T8	Acer pseudoplatanus (Sycamore)	SM	150,200	2	18(1)	1	6	4	4	C1	20+				3	28.28
T9	Fraxinus excelsior (Ash)	EM	250	1	17(6)	1	4	1	7	C1	10+				3	28.28
T10	Acer pseudoplatanus (Sycamore)	M	350,350,450	3	19(0)	1	7	3	7	C1	10+				8.03	202.6
T11	Acer pseudoplatanus (Sycamore)	M	400	1	19(0)	6	2	5	2	C1	20+				4.8	72.39
T12	Acer pseudoplatanus (Sycamore)	M	450,400,400	3	19(0)	5	8	8	7	C1	20+				8.68	236.73
T13	Acer pseudoplatanus (Sycamore)	M	450,400,400	3	23(3)	12	10	12	12	A1	40+				8.68	236.73
T14	Salix caprea (Goat Willow)	M	350,300	2	15(0)	4	7	4	5	C2	10+				5.53	96.09
T15	Salix caprea (Goat Willow)	M	150,150,200	3	12(0)	5	7	3	5	C2	10+				3.5	38.49
T16	Prunus avium (Wild Cherry)	EM	200	1	15(0)	2	2	2	2	C1	10+				2.4	18.1
T17	Prunus avium (Wild Cherry)	EM	200	1	15(0)	2	2	2	2	C1	10+				2.4	18.1
G5	Acer pseudoplatanus	EM	150	1	14(0)	3	3	3	3	C2	20+		Mixed species group ranging from 75 dbh to 350 DBH		1.8	10.18
T18	Acer pseudoplatanus (Sycamore)	EM	400	1	14(0)	6	6	6	6	C1	20+				4.8	72.39
T19	Acer pseudoplatanus (Sycamore)	SM	100	1	14(0)	1	6	1	6	C1	20+				1.2	4.52
T20	Acer pseudoplatanus (Sycamore)	EM	100,100,100,100,150,000,000	7	10(0)	6	6	6	6	C1	20+				4.52	64.19
T21	Acer pseudoplatanus (Sycamore)	SM	150	1	8(1)	4	4	4	4	C1	20+				1.8	10.18
T22	Prunus avium (Wild Cherry)	Y	75,72	2	5(0)	1	1	1	1	C1	20+				1.25	4.91
T23	Salix caprea (Goat Willow)	EM	150,150,150,100	4	7(0)	5	6	5	1	C1	10+				3.34	35.05
T24	Salix caprea (Goat Willow)	EM	75,75,200	3	7(0)	5	1	5	5	C1	10+				2.71	23.08
T25	Salix caprea (Goat Willow)	EM	200	1	7(0)	1	5	5	5	C1	10+				2.4	18.1
T26	Betula pendula (Silver Birch)	SM	100	1	14(7)	0	0	0	0	U	<10				1.2	4.52
T27	Acer pseudoplatanus (Sycamore)	M	400,300,200,200,150,000	6	17(1)	7	7	7	7	B1	20+				7.22	163.79
T28	Prunus avium (Wild Cherry)	M	350	1	14(1)	7	7	7	7	B1	20+				4.2	55.42
T29	Salix caprea (Goat Willow)	EM	150,150,150,100,100,000,000	7	7(0)	7	7	7	7	U	<10		Extensive decay present		3.94	48.78
T30	Salix caprea (Goat Willow)	EM	100,150	2	8(0)	1	4	2	2	C1	<10				2.16	14.66
T31	Salix caprea (Goat Willow)	EM	200,150	2	8(0)	1	4	2	2	C1	<10				3	28.28
T32	Salix caprea (Goat Willow)	EM	200	1	8(0)	1	4	2	2	C1	<10		Tree not picked up on the Topo, plotted by eye by the		2.4	18.1
T33	Salix caprea (Goat Willow)	EM	100,100	2	8(0)	1	4	2	2	C1	<10		Tree not picked up on the Topo, plotted by eye by the		1.69	8.97
T34	Salix caprea (Goat Willow)	EM	250,75,75	3	8(0)	3	3	3	3	C1	<10		Tree not picked up on the Topo, plotted by eye by the		3.26	33.39
T35	Salix caprea (Goat Willow)	EM	200	1	8(0)	2	4	3	4	C1	<10		Tree not picked up on the Topo, plotted by eye by the		2.4	18.1
T36	Prunus avium (Wild Cherry)	EM	300	1	13(2)	1	2	2	2	C1	10+				3.6	40.72
T37	Quercus robur (Common Oak)	Y	100	1	12(2)	1	1	1	1	C2	10+				1.2	4.52
T38	Acer pseudoplatanus (Sycamore)	M	200,100,100,150,200,000	6	12(1)	4	4	4	4	C2	10+				4.57	65.62
T39	Salix caprea (Goat Willow)	SM	150	1	7(1)	0	4	2	2	C2	10+				1.8	10.18
T40	Salix caprea (Goat Willow)	M	300,100,150	3	16(0)	5	5	5	5	C1	20+				4.2	55.42
T41	Salix caprea (Goat Willow)	M	300,200,100,100,100,000	6	10(0)	0	7	3	3	C1	10+				4.94	76.68
T42	Salix caprea (Goat Willow)	M	200	1	10(0)	1	7	3	3	C1	10+				2.4	18.1
T43	Fraxinus excelsior (Ash)	M	150,150,150,150	4	14(5)	2	5	3	3	C1	10+				3.6	40.72
T44	Acer pseudoplatanus (Sycamore)	EM	150,200	2	17(2)	2	6	5	2	C1	20+				3	28.28
T45	Acer pseudoplatanus (Sycamore)	EM	250,250	2	17(1)	7	4	5	2	C1	20+				4.25	56.75
T46	Acer pseudoplatanus (Sycamore)	EM	150,150,150,150	4	17(1)	7	4	2	5	C1	20+				3.6	40.72
T47	Acer pseudoplatanus (Sycamore)	M	300,500,400,200,300	5	19(1)	8	8	8	8	B1	20+				9.53	285.36
T48	Acer pseudoplatanus (Sycamore)	OM	450,400,400,600	4	17(2)	8	8	8	8	C1	10+				11.27	399.07
T49	Acer pseudoplatanus (Sycamore)	EM	100,150,150	3	15(1)	4	4	4	4	C2	20+				2.82	24.99
T50	Salix caprea (Goat Willow)	OM	300,200	2	14(1)	8	2	7	6	U	<10	Major bark wounding on stem. Included bark present in fork.			4.33	58.91
T51	Salix caprea (Goat Willow)	OM	300,200	2	12(1)	6	2	6	6	U	<10	Major bark wounding on stem.			4.33	58.91
T52	Salix caprea (Goat Willow)	M	200,150,150,100	4	12(1)	2	5	5	6	C1	20+				3.7	43.01
T53	Acer pseudoplatanus (Sycamore)	EM	100,150	2	9(1)	3	3	3	3	C1	20+				2.16	14.66
T54	Betula pendula (Silver Birch)	M	300,300,300	3	17(1)	6	6	6	6	B1	20+				6.24	122.34
T55	Acer pseudoplatanus (Sycamore)	M	350	1	14(2)	5	5	5	4	C1	20+				4.2	55.42
T56	Acer pseudoplatanus (Sycamore)	M	500,400	2	19(1)	7	7	7	7	B1	20+				7.68	185.32
T57	Acer pseudoplatanus (Sycamore)	M	350	1	18(1)	6	6	6	6	C1	20+				4.2	55.42
T58	Fraxinus excelsior (Ash)	M	400	1	19(3)	6	6	6	6	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site.		4.8	72.39
T59	Acer pseudoplatanus (Sycamore)	M	650	1	19(3)	7	7	7	7	B1	20+				7.8	191.16
T60	Acer pseudoplatanus (Sycamore)	M	150,150,150	3	19(3)	7	7	7	7	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site.		3.12	30.59
T61	Acer pseudoplatanus (Sycamore)	M	250	1	19(3)	3	3	3	3	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site.		3	28.28
T62	Acer pseudoplatanus (Sycamore)	M	300,300	2	19(3)	7	2	7	1	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site.		5.09	81.4
T63	Acer pseudoplatanus (Sycamore)	M	750,500,200	3	19(3)	7	2	7	1	U	<10	Unable to inspect stem due to Ivy. Fungal brackets visible on stem. Low bud/leaf density.			11.08	385.73
T64	Fraxinus excelsior (Ash)	M	400	1	19(3)	7	2	0	6	C1	<10				4.8	72.39
T65	Fraxinus excelsior (Ash)	M	450	1	21(5)	7	5	4	6	B1	<10				5.4	91.62

Tree No.	latin name	Life Stage	Diameter(mm)	Stem Count	Height(m) / Crown Height (m)	North(m)	South(m)	East(m)	West(m)	Category	Estimated Remaining Life Expectancy (yrs)	Pick-Comments	Comments	Recommendations	RPR(m)	RPA(m)
T66	Acer pseudoplatanus (Sycamore)	M	500,400,350,100	4	21(5)	4	8	8	8	B1	20+				8.84	245.53
T67	Acer pseudoplatanus (Sycamore)	M	350	1	19(7)	5	5	5	5	B2	20+				4.2	55.42
T68	Acer pseudoplatanus (Sycamore)	M	200	1	18(7)	4	4	4	4	C2	20+				2.4	18.1
T69	Acer pseudoplatanus (Sycamore)	M	200	1	18(7)	4	4	4	4	C2	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site. The tree has a 2 metre level change from main site		2.4	18.1
T70	Acer pseudoplatanus (Sycamore)	M	250,250	2	18(7)	4	4	4	4	C2	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site. The tree has a 2 metre level change from main site		4.25	56.75
T71	Acer pseudoplatanus (Sycamore)	M	750,200,200,400,550	5	21(0)	7	7	7	7	A1	20+		The tree has a two metre level change from the main site		12.61	499.62
T72	Acer pseudoplatanus (Sycamore)	M	500,500	2	21(0)	7	7	7	7	B1	20+		The tree has a two metre level change from the main site		8.48	225.94
G6	Betula pendula (Silver Birch),Acer pseudoplatanus (Sycamore),Fraxinus excelsior (Ash),Quercus robur (Common Oak),Prunus avium (Wild Cherry),Salix caprea (Goat Willow),Sambucus nigra (Elder),Malus sylvestris (Crab Apple)	EM	250	1	15(1)	3.5	3.5	3.5	3.5	B2	20+		Mixed species group ranging from 75 dbh to 250dbh		3	28.28
T73	Salix caprea (Goat Willow)	M	300,300,200,150,550	5	18(3)	6	6	5	5	C1	20+		The tree has a two metre level change from the main site.		8.86	246.65
T74	Acer pseudoplatanus (Sycamore)	M	650	1	19(3)	6	6	6	6	C1	20+				7.8	191.16
G7	Betula pendula (Silver Birch),Acer pseudoplatanus (Sycamore),Fraxinus excelsior (Ash),Quercus robur (Common Oak),Prunus avium (Wild Cherry),Salix caprea (Goat Willow),Sambucus nigra (Elder),Malus sylvestris (Crab Apple)	EM	250	1	15(1)	3.5	3.5	3.5	3.5	B2	20+		Mixed species group ranging from 75 dbh to 250dbh. All trees picked up in group have a 2.5 metre level change from the main site		3	28.28
T75	Prunus avium (Wild Cherry)	SM	100,100	2	7(0)	2	2	2	2	C1	10+		Tree not picked up on the Topo, plotted by eye by the surveyor on site. Their is a 1 1/2 metre level change from the main site.		1.69	8.97
G8	Chamaecyparis lawsoniana (Lawson Cypress)	M	250	1	14(0)	2	2	2	2	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site. Their is a two metre level change from the main site.		3	28.28
T76	Salix caprea (Goat Willow)	Y	75	7	5(0)	0	2	2	2	C1	10+				2.38	17.8
T77	Salix caprea (Goat Willow)	SM	150,150,100,100	4	9(0)	4	4	4	4	C1	20+				3.06	29.42
T78	Carpinus betulus (Hornbeam)	EM	150	1	7(0)	2	2	2	2	C1	20+				1.8	10.18
T79	Salix caprea (Goat Willow)	SM	100,100,100	3	12(0)	3	3	3	3	C1	20+		Tree not picked up on the Topo, plotted by eye by the surveyor on site.		2.08	13.59
T80	Salix caprea (Goat Willow)	Y	100	1	9(3)	2	2	2	2	C1	20+				1.2	4.52
G9	Laurus nobilis (Bay)	M	100	1	5(0)	1	1	1	1	C1	20+				1.2	4.52

Appendix 4 Tree Constraints Plan



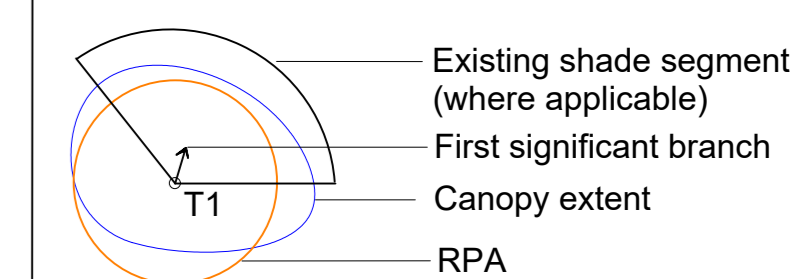
TREE CONSTRAINTS PLAN

Retention value key

- (RETENTION VALUE A)
- (RETENTION VALUE B)
- (RETENTION VALUE C)
- Trees to be removed (RETENTION VALUE U)

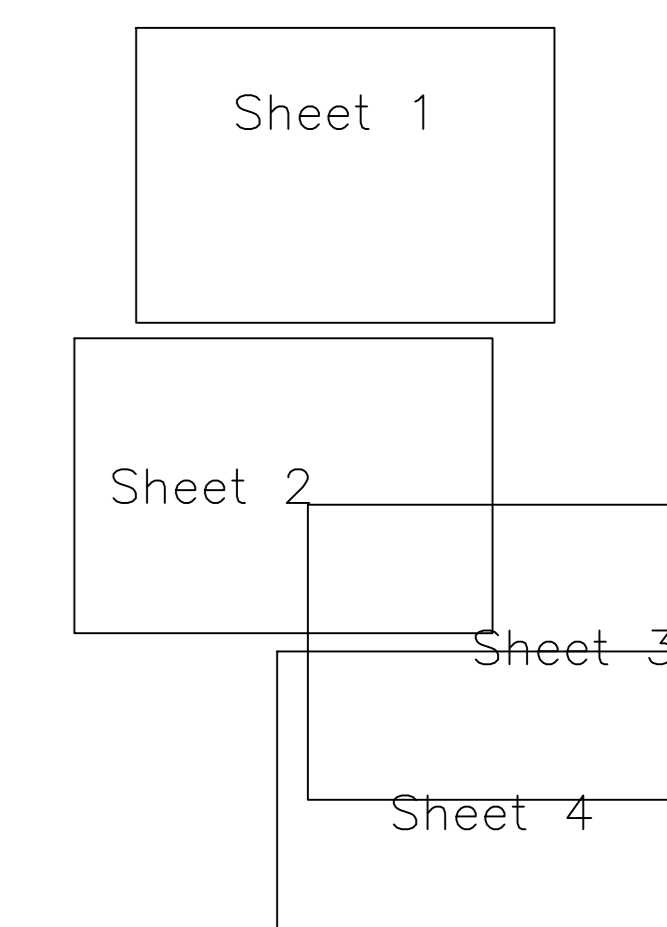
Root Protection Areas (RPA)

Root Protection Areas (RPA's) have been identified and are based on BS5837:2012. RPA's have been shown as a red polyline.



WARNING This drawing will not be read in black and white

Sheet Key



AMENITYTREE

The Annexe, Willow Hill Cottage, School Lane, Burwadsley, Chester, CH3 9NX
Tel. 01829 770075

Client:
Virtu Homes

Project:
Parkwood Mill, Stoney Lane, Longwood, Huddersfield HD3 4ZQ
12063

Detail:
TREE CONSTRAINTS PLAN - Overview

Drawn By: PS Date: 14.06.2024 Scale: 1:125 - AO

Drwg No: TR-01-Sheet 2 Revision: V1



△SJ2Y
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△SJ2D
153.039

SJ2C
153.513

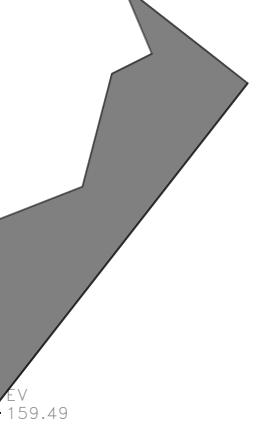
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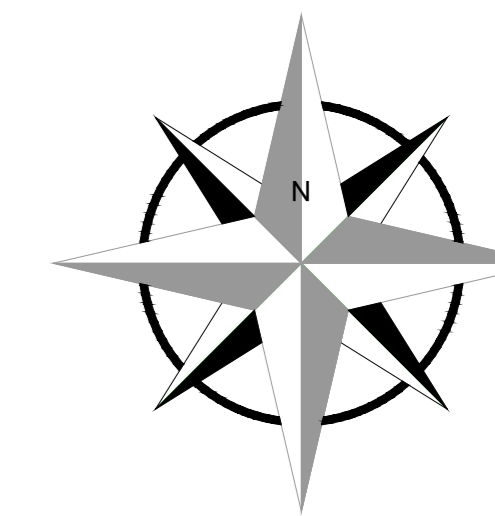
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SJ02
149.346

PARKLAND AVE

GROVE STREET





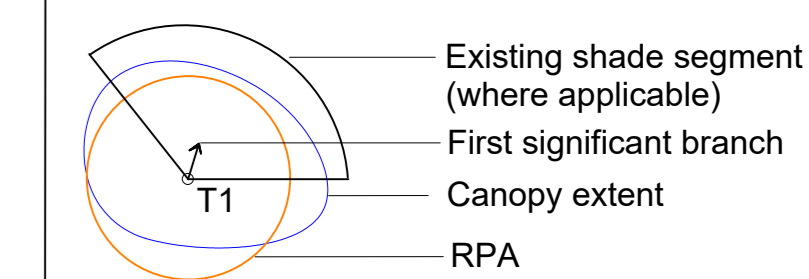
TREE CONSTRAINTS PLAN

Retention value key

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- (RETENTION VALUE B)
- (RETENTION VALUE C)
- Trees to be removed (RETENTION VALUE U)

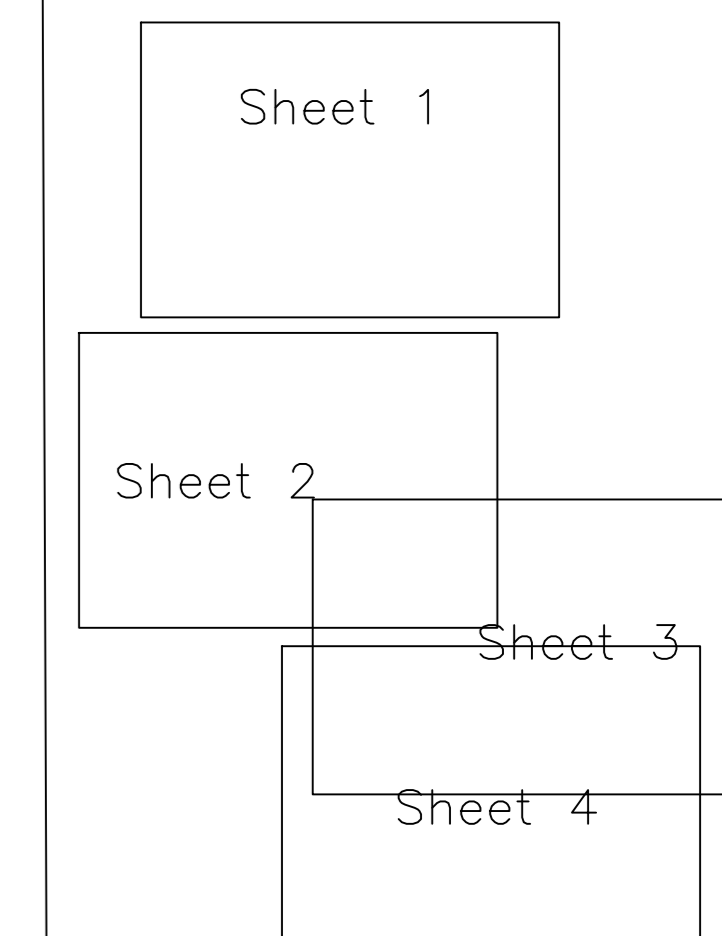
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WARNING This drawing will not be read in black and white

Sheet Key



AMENITYTREE
ENVIRONMENTAL PLANNING CONSULTANTS

The Annex, Willow Hill Cottage, School Lane,
Burwardsley, Chester, CH3 9NX
Tel. 01829 770075

Client:
Virtu Homes

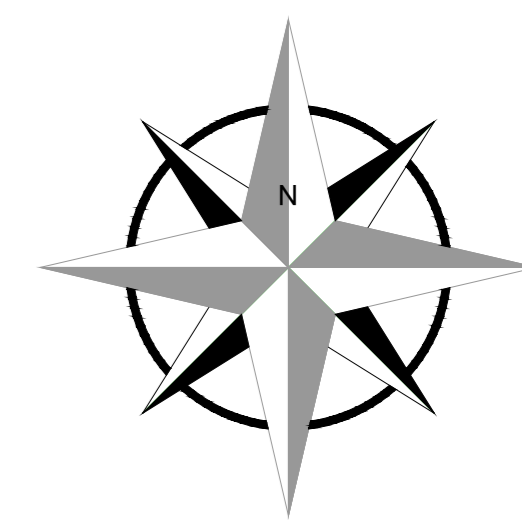
Project:
Parkwood Mill, Stoney Lane, Longwood, Huddersfield HD3 4ZQ
12063

Detail:
TREE CONSTRAINTS PLAN - Overview

Drawn By: PS Date: 14.06.2024 Scale: 1:250 - AO

Drg No: TR-01-Sheet 1 Revision: **V1**





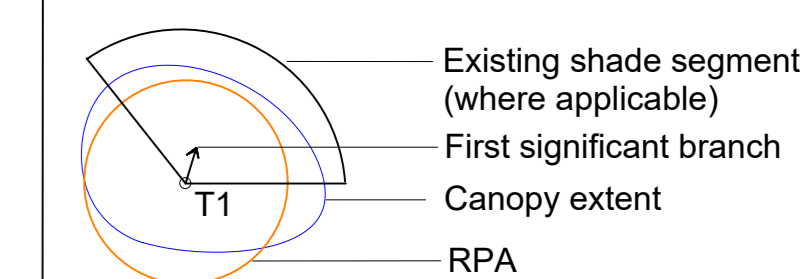
TREE CONSTRAINTS PLAN

Retention value key

- (RETENTION VALUE A)
- (RETENTION VALUE B)
- (RETENTION VALUE C)
- Trees to be removed (RETENTION VALUE U)

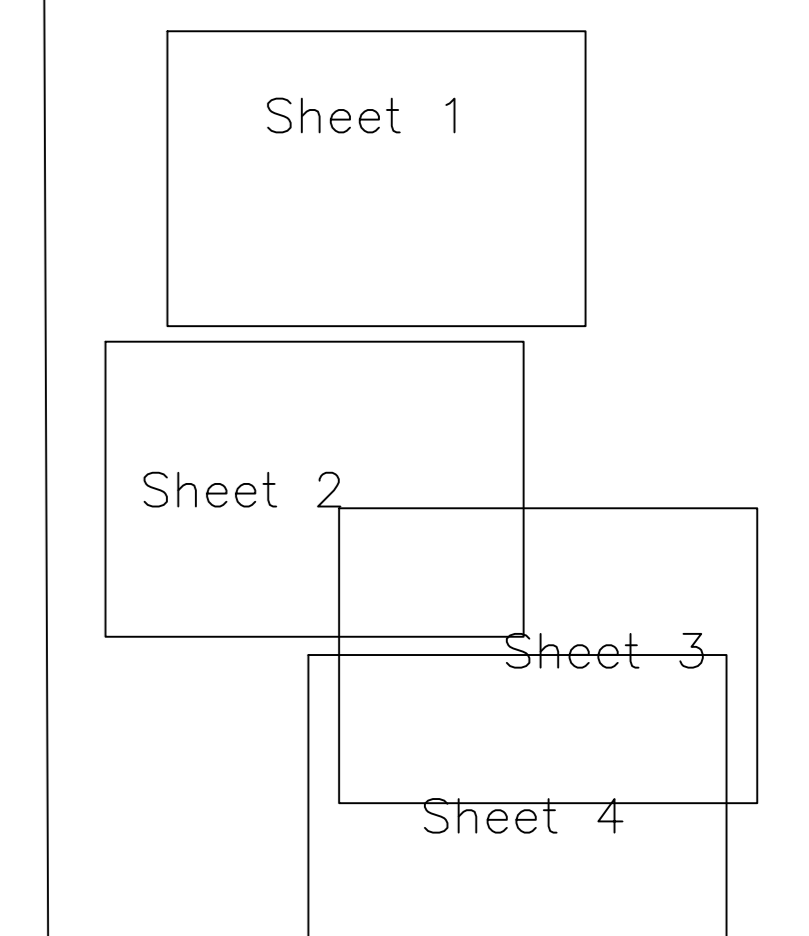
Root Protection Areas (RPA)

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WARNING This drawing will not be read in black and white

Sheet Key



AMENITYTREE

The Annexe, Willow Hill Cottage, School Lane, Burwardsley, Chester, CH3 9NX
Tel. 01829 770075

Client:
Virtu Homes

Project:
Parkwood Mill, Stoney Lane, Longwood, Huddersfield HD3 4ZQ

Detail:
TREE CONSTRAINTS PLAN - Overview
12063

Drawn By: PS Date: 14.06.2024 Scale: 1:125 - AO

Drw No: TR-01-Sheet 4 Revision: V1

