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Landscape Architecture

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EXISTING TREE SCHEDULE: Chanctonbury Nursery, Rectory Lane, Ashington, West Sussex

Date: 20-05-24 / Revision 02

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		*Spread (approx)*		*Age Class & Years Remaining*		*Struct. Cond.*	*Vigour*	*Notes / Comments*	*Category*		*Status*
T 01	*Populus sp* . (Poplar)	750mm Ø Est.	9.0m	*Height Overall*	15.0m	*N*	9.0m	Mature	40 + yrs	Good	Good	Large Poplar to the northern edge of Rectory Lane lying within dense shrubs / hedgerow which limited a full visual inspection and measurement.	B	1	**Retain**
						E	9.0m								
				Clear Stem Ht.	3.0m	*S*	9.0m								
						W	9.0m								
T 02	*Fraxinus excelsior* (Ash)	500mm Ø Est.	6.0m	*Height Overall*	11.0m	*N*	5.0m	Early Mature	10 + yrs	Fair	Fair	Single stemmed Ash, crown development affected by much larger T 01 - dense understorey limited measurement and a full visual inspection.	C	1	**Retain**
						E	7.50m								
				Clear Stem Ht.	8.0m	*S*	5.0m								
						W	5.0m								
TG 03	*Acer campestre* (Field Maple); *Corylus avellana* (Hazel); *Prunus spinosa* (Blackthorn); *Populus sp.* (Poplar)	300mm Ø Est / Avg.	3.60m	*Height Overall*	8.0 - 12.0m	*N*	4.0m	Early Mature	40 + yrs	Good	Good	Tree line and mixed shrubs to Rectory Lane - some oak standard specimens with dense shrub understorey.	B	1	**Retain**
						E	4.0m								
				Clear Stem Ht.	6.0m	*S*	4.0m								
						W	4.0m								
SG 03a	*Corylus avellana* (Hazel); *Rubus fruticosa;* (Bramble); *Prunus spinosa* (Blackthorn); Populus sp. (Poplar); *Ulmus sp.* (Elm)	100mm Ø Est / Avg.	1.20m	*Height Overall*	3.0 - 5.0m	*N*	2.0m	Young	40 + yrs	Good	Good	Group of shrubs and young tree specimens immediately north of a rough area of grassland. ***Shrubs to be part removed to facilitate a new sub station***	C	1	**Part Remove**
						E	2.0m								
				Clear Stem Ht.	6.0m	*S*	2.0m								
						W	2.0m								

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T 04	*Quercus robur* (Pedunculate Oak)	900mm Ø Est.	10.80m	*Height Overall*	16.0m	*N*	10.0m	Mature	40 + yrs	Good	Good	Oak tree with a single, substantial stem to the northern edge of Rectory Lane. Expansive crown and a large scaffolding branch extending laterally west.	A	1&2	**Retain**
						E	9.0m								
				Clear Stem Ht.	4.0m	*S*	10.0m								
						W	12.0m								
H 05	*Cupressus x leylandii* (Leyland Cypressl)	125mm Ø	1.50m	*Height Overall*	3.50m	*N*	1.5m	Mature	40 + yrs	Good	Good	Dense evergreen hedgerow - well maintained. A section to the south-east corner is dead / dying.	B	1	**Retain**
						E	1.5m								
				Clear Stem Ht.	0.5m	*S*	1.5m								
						W	1.5m								
T 06	*Chamaecyparis sp.*	255mm Ø	3.0m	*Height Overall*	12.0m	*N*	2.0m	Early Mature	40+ yrs	Good	Good	Single stemmed conifer with poor vigour to the lower part of the tree due to proximity of hedgerow and lack of light - compact crown.	B	1	**Retain**
						E	2.0m								
				Clear Stem Ht.	2.0m	*S*	2.0m								
						W	2.0m								
T 07	*Aesculus hippocastanum* (Horse Chestnut)	765mm Ø	9.30m	*Height Overall*	15.0m	*N*	4.0m	Mature	40+ yrs	Fair	Good	Large and mature Horse Chesnut tree which lies south-east of a residential curtilage. Single stem which divides into 5 main stems. Hard pruned to the eastern aspect resulting in an asymmetrical crown.	B	1	**Retain**
						E	2.0m								
				Clear Stem Ht.	4.0m	*S*	8.0m								
						W	8.0m								

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TL 08	*(a) Quercus robur*	700mm Ø	8.40m	*Height Overall*	10.0-16.0m	*N*	8.0m	Early Mature / Mature	40 + yrs	Good	Good	A row of English Oak trees (excepting 'c' which is an Ash) to the edge of a woodland ribbon. The trees lie adjacent to a PROW: Footpath and are a mix of single & multi stemmed specimens. Areas of dense understorey shrubs limited the measurement and visual inspection of some specimens. A bund lies adjacent to the western edge of the PROW: Footpath. **TL 08 (c) *Fraxinus excelsior* (Ash) has clear signs of decay to the basal area (eastern aspect) as well as the presence of fungal fruiting bodies (*Ganoderma sp.*). It is therefore recommended the tree be removed at the earliest opportunity given the location adjacent to a PROW: Footpath.** **A number of the trees are mature specimens and given the proximity to a PROW: Footpath it is recommended an Arboriculture Management Strategy be devised and implemented, making provision for regular inspections with recommendations for associated arboriculture works undertaken as required.** **T 01 [a] is to be pruned to the western edge to facilitate the proposed development [Pruning to be constrained to > 2.0m].**	A	1&2	**Retain**
	(b) Quercus robur	800mm Ø (Est)	9.60m			*E*	8.0m								
	(c) Fraxinus excelsior	**605mm Ø**	**7.20m**	*Clear Stem Ht.*	2.0m Avg.	*S*	8.0m								
	(d) Quercus robur	1,090mm Ø (Avg)	13.20m			*W*	8.0m								
	(e) Quercus robur	585mm Ø (Avg)	6.90m				Avg.								
	(f) Quercus robur	1,125mm Ø (Est / Avg)	13.50m												
	(g) Quercus robur	600mm Ø (Est)	7.20m												
	(h) Quercus robur	600mm Ø (Est)	7.20m												
	(i) Quercus robur	770mm Ø	9.30m												
	(j) Quercus robur	500mm Ø (Est)	6.0m												
	(k) Quercus robur	500mm Ø (Est)	6.0m												
	(l) Quercus robur	945mm Ø (Est / Avg)	11.40m												
	(m) Quercus robur	585mm Ø	6.90m												
	(n) Quercus robur	605mm Ø	7.20m												
	(o) Quercus robur	400mm Ø (Est)	4.80m												
	(p) Quercus robur	300mm Ø (Est)	3.60m												
	(q) Quercus robur	400mm Ø	4.80m												
	(r) Quercus robur	690mm Ø (Avg)	8.40m												
	(s) Quercus robur	395mm Ø (Avg)	4.80m												

Tree Survey No.	Species	Tree Stem Diameter @1.5m Height	Tree Root Protection Area Radius	Height (approx)		Spread (approx)		Age Class & Years Remaining		Struct. Cond.	Vigour	Notes / Comments	Category		Status
	(t) Quercus robur	670mm Ø (Avg)	8.10m												
	(u) Quercus robur	670mm Ø	8.10m												
	(v) Quercus robur	605mm Ø	7.20m												
SG 08 (w)	*Corylus avellana* (Hazel); *Crataegus monogyna* (Hawthorn); *Ilex aquifolium* (Holly);	300mm Ø Avg.	3.60m	*Height Overall*	2.0-5.0.m	*N*	3.0m	Early Mature	40 + yrs	Good	Good	Understorey shrub specimens comprising a mix of native species - some multi stemmed hazel.	B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	3.0m	*S*	3.0m								
						W	3.0m								
T 09	*Salix sp.* (Willow)	655mm Ø Avg.	7.80m	*Height Overall*	12.0m	*N*	6.0m	Mature	40 + yrs	Good	Good	Willow tree which has recently been crown lifted. The tree has a single stem to 1.0m ht approx and then one major and two minor stems. ***Tree to be removed to facilitate the proposed scheme.***	B	1	**Remove**
						E	6.0m								
				Clear Stem Ht.	3.0m	*S*	6.0m								
						W	6.0m								
T 10	*Aacer campestre* (Field Maple)	250mm Ø Est.	3.0m	*Height Overall*	8.0m	*N*	4.0m	Early Mature	40 + yrs	Good	Good	Single stemmed Field Maple with a dense and bushy crown.	B	1	**Retain**
						E	4.0m								
				Clear Stem Ht.	1.0m	*S*	4.0m								
						W	4.0m								
TG 11	*Aacer campestre* (Field Maple); *Corylus avellana* (Hazel); *Quercus robur* (Pedunculate Oak);	800mm Ø Est. / Avg.	9.60m	*Height Overall*	10.0-15.0m	*N*	8.0m	Early Mature / Mature	40+ yrs	Good	Good	Mature Field Maples (several multi stemmed specimens), some Oak standards and Hazel to a woodland edge. The Field Maples are likely to have historically formed a woodland edge / hedgerow and some are mature specimens.	A	1	**Retain**
						E	8.0m								
				Clear Stem Ht.	3.0m	*S*	8.0m								
						W	8.0m								
T 12	*Aesculus hippocastanum* (Horse Chestnut)	750mm Ø Avg.	9.0m	*Height Overall*	12.0m	*N*	6.5m	Mature	40+ yrs	Good	Good	Large and mature Horse Chestnut with a single stem which bifurcates at 1.0m height approx.	B	1	**Retain**
						E	6.5m								
				Clear Stem Ht.	1.5m	*S*	6.5m								
						W	6.5m								

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TG 13	4 no. *Salix caprea* (Goat Willow)	405mm Ø Est. / Avg.	6.60m	*Height Overall*	7.0m	*N*	6.0m	Mature	20 + yrs	Fair	Good	4 no. Willow trees in close proximity to one another. All are multi stemmed specimens with a characteristic splayed habit - one is partly windthrown but still demonstrates reasonable vigour. ***Tree crowns are to be pruned to the northern edge to faciliate the proposed scheme [Pruning to be constrained to > 2.0m]***	B	1	**Retain**
						E	6.0m								
				Clear Stem Ht.	0.5m Avg.	*S*	6.0m								
						W	6.0m								
TG 14	2 no. *Quercus robur (Pedunculate Oak)*	(i) 765mm Ø	9.30m	*Height Overall*	14.0m	*N*	8.0m	Early Mature	40 + yrs	Good	Good	Two number Oak trees to the top of a bank (likely to have been the historic edge of a field / wood. Both trees have single stems and are adjacent to multi stemmed Hazel specimens. ***Tree crowns are to be pruned to the northern edge to faciliate the proposed scheme [Pruning to be constrained to > 2.0m]***	B	1	**Retain**
		(ii) 505mm Ø	6.0m			*E*	8.0m								
				Clear Stem Ht.	2.0m Avg.	*S*	8.0m								
						W	8.0m								
S 15	*Sambucus nigra* (Elder)	200mm Ø Avg. / Est.	2.40m	*Height Overall*	3.0m	*N*	3.0m	Young	40 + yrs	Good	Good	Multi stemmed shrub to a cleared area adjacent to a horticulture glasshouse. The shrub has three main stems from ground level.	C	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	1.0m	*S*	3.0m								
						W	3.0m								
T 16	*Quercus robur* (Pedunculate Oak)	435mm Ø Avg.	5.10m	*Height Overall*	10.0m	*N*	4.0m	Early Mature	40 + yrs	Good	Good	Oak tree with a single major stem and another minor, poor vigour and constrained crown perhaps by close proximity of other trees which have been removed.	B	1	**Retain**
						E	4.0m								
				Clear Stem Ht.	1.5m	*S*	4.0m								
						W	4.0m								
TG 17	*Corylus avellana* (Hazel); *Quercus robur* (Pedunculate Oak); *Salix sp* (Willow); *Sambucus nigra* (Elder);	400mm Ø	4.80m	*Height Overall*	4.0-10.0m	*N*	6.0m	Early Mature	40+ yrs	Good	Good	Mixed tree and shrub specimens to a woodland edge - mostly shrubby Hazel and Willow with some early mature Oak standards.	B	1	**Retain**
						E	6.0m								
				Clear Stem Ht.	1.0m Avg.	*S*	6.0m								
						W	6.0m								

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T 18	*Pyrus salicifolia Pendula* (Willow Leaved Pear)	400mm Ø	4.80m	*Height Overall*	5.0m	*N*	6.0m	Mature	20 + yrs	Good	Good	Weeping Pear tree with a single stem and characteristic weeping habit. ***Tree to be removed to facilitate the proposed scheme.***	B	1	**Remove**
						E	2.0m								
				Clear Stem Ht.	1.0m	*S*	6.0m								
						W	2.0m								
T 19	*Sorbus sp.* (Rowan)	285mm Ø	3.30m	*Height Overall*	11.0m	*N*	3.5m	Early Mature	40 + yrs	Good	Good	Rowan tree to the western boundary edge with a single stem which divides into 4 no. main stems. The tree has an acending habit and asymetrical crown likely due to the close proximity of an evergreen treeline (now removed).	B	1	**Retain**
						E	1.0m								
				Clear Stem Ht.	3.0m	*S*	3.5m								
						W	3.5m								
H 20	*Cupressus x leylandii* (Leyland Cypressl)	250mm Ø Est. / Avg.	3.0m	*Height Overall*	8.0m	*N*	1.50m	Mature	40 + yrs	Good	Good	Dense, evergreen hedgerow to neighbouring residential property offering all year round screening.	B	1	**Retain**
						E	1.50m								
				Clear Stem Ht.	0.5m	*S*	1.50m								
						W	1.50m								
H 21	*Cupressus x leylandii* (Leyland Cypressl)	250mm Ø Est. / Avg.	3.0m	*Height Overall*	3.0m	*N*	1.50m	Mature	20 + yrs	Good	Poor	Evergreen hedgerow which has been topped / hard pruned and failed to regenerate - in poor condition. ***Tree to be removed to facilitate the proposed scheme.***	C	1	**Remove**
						E	1.50m								
				Clear Stem Ht.	0.5m	*S*	1.50m								
						W	1.50m								
T 22	*Ulmus procera* (English Elm)	260mm Ø	3.0m	*Height Overall*	10.0m	*N*	3.0m	Early Mature	20 + yrs	Good	Good	Single stemmed Elm to the boundary edge growing located to a steep bank. The tree is slightly overshadowed by the larger Oaks to the east. ***Tree to be removed to facilitate the proposed scheme.***	B	1	**Remove**
						E	3.0m								
				Clear Stem Ht.	1.5m	*S*	3.0m								
						W	3.0m								
T 22	*Acer pseudoplatanus* (Sycamore)	230mm Ø	2.70m	*Height Overall*	10.0m	*N*	4.0m	Semi Mature	40 + yrs	Good	Good	Single stemmed specimen with dense Hazel and single immature apple tree as understorey - located to a steep bank.	B	1	**Retain**
						E	4.0m								
				Clear Stem Ht.	3.0m	*S*	4.0m								
						W	4.0m								

CASCADE CHART FOR TREE QUALITY ASSESSMENT (BS5837 Trees in relation to design, demolition and construction – Recommendations)		
TREES UNSUITABLE FOR RETENTION		
Category U: Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years		
• *Trees that have a serious, irremediable structural defect such that early loss is expected due to collapse;* • *Trees that are dead or showing signs of significant, immediate and irreversible decline;* • *Trees infected with pathogens of significance to health and / or safety of other trees nearby;* • *Trees of very low quality suppressing adjacent trees of better quality;* • *Trees that would be unviable after the removal of other, adjacent trees for the reasons above.*		
TREES TO BE CONSIDERED FOR RETENTION		
1. Mainly arboricultural qualities	***2. Mainly landscape qualities***	***3. Mainly cultural values including conservation***
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);* • *Trees which are essential components of groups of trees or formal / semi-formal arboricultural features.*	• *Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features.*	• *Trees, groups or woodland of significant conservation, historical, commemorative or other value (eg. veteran trees / 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 the higher category, but because of impaired condition (eg. significant but remediable defects / unsympathetic historical management / storm damage) are downgraded;* • *Trees lacking the special quality to merit Category A designation.*	• *Trees present in numbers (groups or woodlands) such that they attract a higher collective rating than as individuals;* • *Groups of trees whose location mean they 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 150mm)		
• *Unremarkable trees of very limited merit or such impaired condition that they do not qualify for the higher categories.*	• *Trees present in groups or woodlands without offering significant landscape value;* • *Trees offering low or temporary / transient landscape benefits.*	• *Trees with no material conservation or other cultural value.*