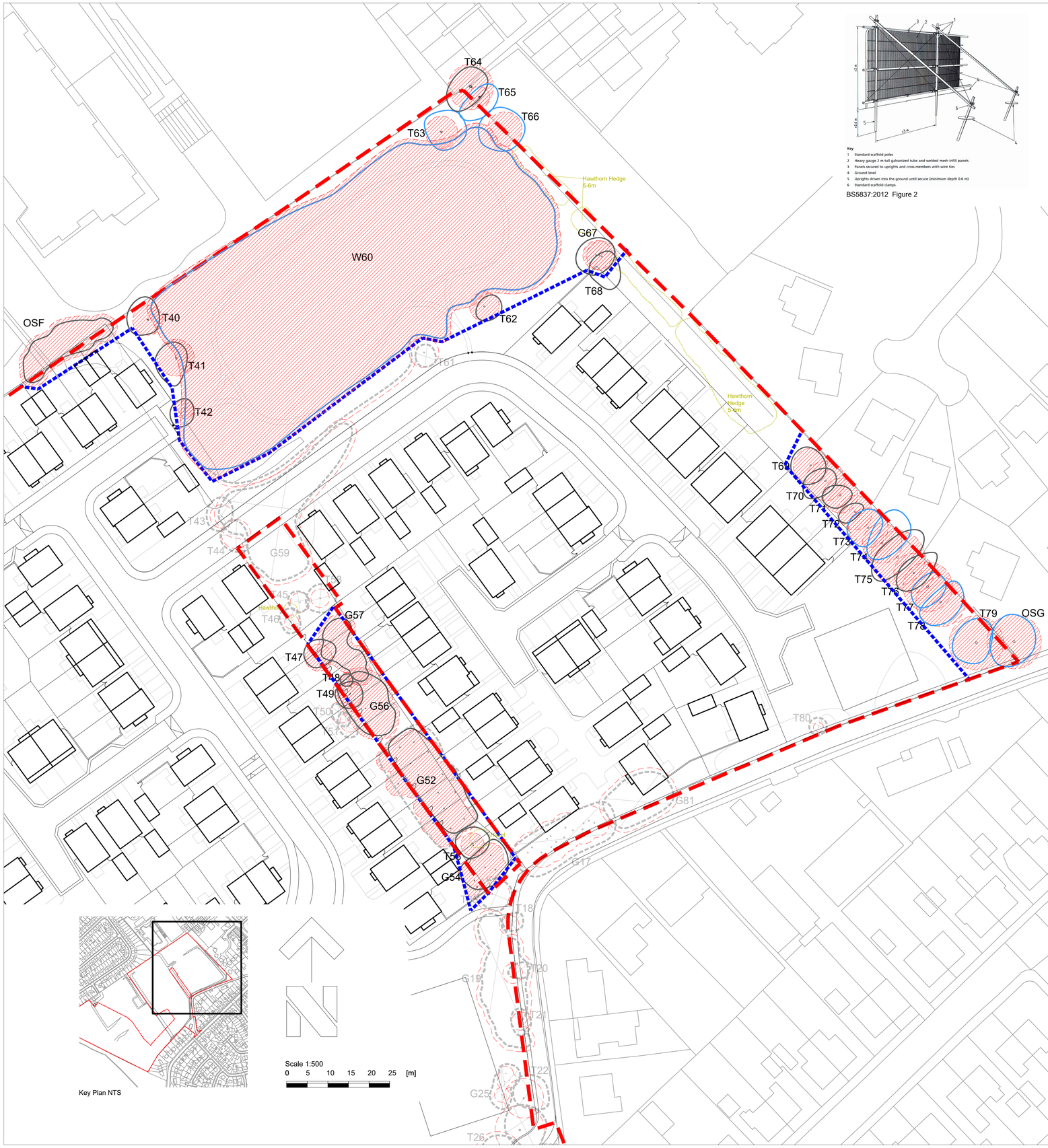

Key
1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

BS5837:2012 Figure 2

Key Plan NTS

Scale 1:500
0 5 10 15 20 25 [m]

NO	TREE SPECIES Common Name	TREE SPECIES Scientific Name	HIGHT m	SPREAD m	DIA mm	N	CAT.	Life Stage	Life exp yrs	NOTES	RECOMMENDATIONS
T1	Silver Birch	Betula pendula	6	5	300		C2	Semi-Mature	40+		
T2	Swedish Whitebeam	Sorbus x intermedia	9	6	250		B2	Early-Mature	40+		
T3	Prunus species	Prunus species	6	7	200	N	C2	Semi-Mature	20-40	Multi stem at ground level. Some dead wood.	
T4	Swedish Whitebeam	Sorbus x intermedia	9	6	300		B2	Early-Mature	40+	Stake	
T5	Prunus species	Prunus species	6	6	250	N	C2	Semi-Mature	20-40	Multi stem at ground level. Stake	
T6	Swedish Whitebeam	Sorbus x intermedia	9	6	300		C2	Early-Mature	40+	Slight lean	
T7	Prunus species	Prunus sp	4	3	100		C2	Semi-Mature	40+		
T8	Prunus species	Prunus sp	6	7	200	N	U	Semi-Mature	20-40	Multistem at ground level. Some dead wood.	
T9	Swedish Whitebeam	Sorbus x intermedia	9	6	250		C2	Early-Mature	40+	Lean	
T10	Sweet cherry	Prunus avium	9	11	350		C2	Early-Mature	40+	Ivy covered stem	Fell
T11	Goat willow	Salix caprea	5	3	75		C2	Young	40+		Fell
T12	Sycamore	Acer pesudoplatanus	8	6	200		C2	Early-Mature	40+	Previous pollard work	Fell
W13	English Oak, common Ash, common Hawthorn, common, Sycamore, Alder, Hazel	Quercus robur, Fraxinus excelsior, Crataegus monogyna, Acer pesudoplatanus, Alnus glutinosa, Corylus	12-14		100-260		C2	Early-Mature	40+		Fell
G14	Goat willow	Salix caprea	8-10	37	300-600	N	C2	Mature	20-40	10 no. All multistem	Fell
G15	Goat willow	Salix caprea	8	32	300-400	N	C2	Mature	20-40	12 no. All multistem	Fell
W16	Sycamore, Prunus species, Common Ash	Acer pesudoplatanus, Prunus sp, Fraxinus excelsior,	10-12		100-260		C2	Early-Mature	40+	10 no.	Fell
G17	Sycamore, Prunus species, Common Ash, Alder	Acer pesudoplatanus, Prunus sp, Fraxinus excelsior, Alnus glutinosa	10-12	27	100-300		C2	Early-Mature	40+	17 no.	Fell
T18	Common Ash	Fraxinus excelsior	11	6	200		C2	Early-Mature	20-40	Lean	Fell
G19	Sycamore, English Oak, Common Ash	Acer pesudoplatanus, Quercus robur, Fraxinus excelsior	10-12	34	100-260		C2	Early-Mature	40+	26 no.	Fell
T20	Common Ash	Fraxinus excelsior	12	5	300		C2	Early-Mature	20-40	Lean	Fell
T21	Hawthorn	Crataegus monogyna	8	7	260	N	C2	Early-Mature	20-40	Multistem at ground level	Fell
T22	Common Lime	Tilia x europaea	13	10	400		C2	Mature	40+	Previous pollard work	Fell
T23	Horse Chestnut	Aesculus hippocastanum	13	11	600		C2	Mature	10 - 20	Some dead wood, signs of dieback	Fell
T24	Apple	Malus Domestica	7	6	200		C2	Mature	40+		Fell
G25	Common Ash	Fraxinus excelsior	7-11	11	75-160		C2	Young	40+	6 no.	Fell
T26	Common Lime	Tilia x europaea	14	11	600		B2	Mature	40+	Some dead wood	Fell
T27	Prunus species	Prunus sp	8	9	200	N	C2	Semi-Mature	10 - 20	Multi stem at ground level. Severe lean	Fell
T28	Common Ash	Fraxinus excelsior	13	8	350		C2	Early-Mature	40+		Fell
T29	Prunus species	Prunus sp	8	9	250	N		Semi-Mature	10 - 20	Multi stem at ground level. Severe lean	Fell
T30	Sweet Cherry	Prunus avium	9	8	200		C2	Early-Mature	10-20	Lean, suppressed	Fell
T31	Sweet Cherry	Prunus avium	13	9	350	N	C2	Early-Mature	40+	Twin stem	Fell
T32	Sweet Cherry	Prunus avium	13	8	300		C2	Early-Mature	20-40	Cavity	
W33	Common Ash, Prunus species, common Hawthorn, Field Maple, common Lime, Sycamore	Fraxinus excelsior, Prunus species, Crataegus monogyna, Acer campestre, Tilia x europaea, Acer pesudoplatanus	11-13		100-300	N	C2	Early-Mature	40+	~100 no.	Partial Fell
T34	English Oak	Quercus robur	12	10	200		C2	Early-Mature	40+		Fell
T35	Sweet Chestnut	Castanea sativa	14	9	400	N	C2	Mature	40+	Twin stem at ground level	Fell
T36	Sweet Chestnut	Castanea sativa	14	8	400	N	C2	Mature	40+	Twin stem at ground level	Fell
W37	Sycamore, Prunus Species, Field Maple, Alder	Acer pesudoplatanus, Prunus sp, Acer campestre, Alnus glutinosa	11-14		100-260		C2	Early-Mature	40+	~116 no.	Fell
T38	Common Ash	Fraxinus excelsior	9	8	200		U	Semi-Mature	0 - 10	Dead	Fell
G39	Sycamore	Acer pesudoplatanus	11-14	21	150-350		C2	Semi-Mature	40+	~13no.	Fell
T40	Prunus species	Prunus species	11	10	360	N	C2	Mature	40+	Multistem at 1m	
T41	Sycamore	Acer pesudoplatanus	14	10	450	N	C2	Mature	40+	Twin stem at ground level	
T42	Sycamore	Acer pesudoplatanus	9	7	200		C2	Early-Mature	20-40	Cavity, wound at base	
T43	Common Ash	Fraxinus excelsior	10	8	300	N	U	Early-Mature	10-20	Crossover, some dead wood	Fell
T44	Sycamore	Acer pesudoplatanus	9	8	350	N	C2	Early-Mature	40+	Multistem at ground level	Fell
T45	Norway maple	Acer platanoides	8	5	200		C2	Early-Mature	40+		Fell
T46	Crack Willow	Salix fragilis	5	6	200	N	C2	Semi-Mature	10-20	Multistem at ground level	Fell
T47	Prunus species	Prunus sp.	7	8	350	N	C2	Early-Mature	40+	Multistem at ground level	
T48	Sycamore	Acer pesudoplatanus	11	3	150		C2	Early-Mature	40+		
T49	Common Ash	Fraxinus excelsior	9	7	300	N	C2	Early-Mature	40+	Twin stem at ground level	
T50	Common Ash	Fraxinus excelsior	9	6	250	N	C2	Early-Mature	20-40	Multistem at ground level	Fell
T51	Common Ash	Fraxinus excelsior	8	5	250	N	C2	Early-Mature	20-40	Twin at 1m. Lean	Fell
G52	Prunus species, Sycamore, Silver Birch, Field Maple	Prunus sp, Acer pesudoplatanus, Betula pendula, Acer campestre,	7-12	26	100-250		C2	Early-Mature	40+	25 no.	Partial Fell
T53	Prunus species	Prunus sp.	9	8	300	N	C2	Early-Mature	40+	Twin stem at ground level	
G54	Silver birch, common Ash, Alder	Betula pendula, Fraxinus excelsior, Alnus glutinosa	9-12	12	100-200		C2	Early-Mature	40+	9 no.	
T55	Common Ash	Fraxinus excelsior	12	8	350		C2	Mature	40+		Fell
G56	Common Ash, Hazel, Common Lime	Fraxinus excelsior, Corylus, Tilia x europaea	6-12	12	100-250		C2	Early-Mature	40+	9 no.	
G57	English Oak, Prunus species, Hazel	Quercus robur, Prunus sp, Corylus,	4-7	16	100-150		C2	Young	40+	4 no.	
T58	Hornbeam	Carpinus betulus	6	7	250	N	C2	Semi-Mature	40+	Multistem at ground level	Fell
G59	Sycamore, English Oak, Sweet Chestnut, Common Ash, Field Maple, Alder	Acer pesudoplatanus, Quercus robur, Castanea sativa, Fraxinus excelsior, Acer campestre, Alnus glutinosa,	8-12	39	100-250		C2	Early-Mature	40+	~40 no.	Fell
W60	English Oak, Sycamore, Common Ash, Silver Birch	Quercus robur, Acer pesudoplatanus, Fraxinus excelsior, Betula pendula	10-16		100-350		B2	Early-Mature	40+	Occasional lean. Dead wood. Cavities. Litter, ~350 no.	Partial fell to allow for earthworks
T61	Prunus species	Prunus species	13	6	300	N	C2	Early-Mature	40+	Multistem at ground level	Fell
T62	Common Ash	Fraxinus excelsior	12	7	300		C2	Early-Mature	40+		
T63	Sycamore	Acer pesudoplatanus	15	10	400	N	B2	Mature	40+	Multistem at ground level. Crossovers	
T64	Sycamore	Acer pesudoplatanus	15	11	550	N	C2	Mature	20-40	Multistem at ground level	
T65	Sycamore	Acer pesudoplatanus	15	11	350	N	B2	Mature	40+	Multistem at ground level	
T66	Sycamore	Acer pesudoplatanus	15	11	350		B2	Mature	40+	Multistem at ground level	
G67	Sycamore	Acer pesudoplatanus	16	10	350	N	C2	Mature	40+	2 no. Twin stem at ground level	
T68	English Oak	Quercus robur	15	8	300		C2	Mature	10-20	Severe lean	
T69	Horse Chestnut	Aesculus hippocastanum	12	8	350		C2	Mature	40+	Previous pollard work	
T70	Small leaved Lime	Tilia cordata	13	9	400		C2	Mature	40+	Previous pollard work	
T71	Hornbeam	Carpinus betulus	12	7	350		C2	Mature	20-40	Low quality previous pruning	
T72	Horse Chestnut	Aesculus hippocastanum	12	7	350		C2	Mature	40+	Low quality previous pruning	
T73	Small leaved Lime	Tilia cordata	14	10	400		B2	Mature	40+		
T74	Hornbeam	Carpinus betulus	15	13	400		B2	Mature	40+		
T75	Silver maple	Acer saccharinum	14	11	550		C2	Mature	40+	Lean, Broken branch	
T76	Horse Chestnut	Aesculus hippocastanum	14	12	400		C2	Mature	40+	Previous pollard work	
T77	Small leaved Lime	Tilia cordata	15	10	500		B2	Mature	40+	Epicormic growth	
T78	European Beech	Fagus sylvatica	14	13	500		B2	Mature	40+		
T79	Small leaved Lime	Tilia cordata	14	12	550		B2	Mature	40+		
T80	Sweet cherry	Prunus avium	6	4	100		C2	Young	40+		Fell
G81	Sycamore, Prunus species, Common Ash	Acer pesudoplatanus, Prunus sp, Fraxinus excelsior	10-12	16	100-260		C2	Early-Mature	40+	10 no.	Fell
W82	Hazel, Hawthorn, Sweet cherry, Sycamore, Birch, Ash	Corylus avellana, Crataegus monogyna, Prunus avium, Acer pesudoplatanus, Fraxinus excelsior			100-200		C2	Early-Mature	40+	Approx 100no.	Fell
G83	Norway maple	Acer platanoides	6-8		160-200		C2	Early-Mature	20-40		Fell
T84	Norway maple	Acer platanoides	7	6	150		C1	Early-Mature	20-40	Ivy covered stem	Fell
T85	Norway maple	Acer platanoides	7	7	200		C1	Early-Mature	20-40		Fell
T86	Norway maple	Acer platanoides	6	5	150		C1	Semi-Mature	20-40	Slight Lean, Some dead wood	Fell
T87	Sweet Cherry	Prunus avium	7	10	450		C1	Mature	10-20	Crossovers, Some dead wood, Basal Decay	Fell
T88	Sweet Cherry	Prunus avium	8	8	300		U	Early-Mature	0-10	Significant Basal Decay	Fell
T89	Swedish Whitebeam	Sorbus x intermedia	6	6	250	N	C1	Semi-Mature			Fell
G90	Leyland cypress	Cupressus x leylandii	13		400		C2	Mature	20-40	2no.	Fell
T91	Apple	Malus domestica	5	9	250	N	C1	Mature	20-40	Multistem at GL, rooted in hole	Fell
G92	Sweet Cherry	Prunus avium	9		150-300		C2	Early-Mature	10-20	3no. Insecure rooting	Fell
T93	Common Ash	Fraxinus excelsior	7	6	200	N	C2	Semi-Mature	10-20	Twinstem at 0.6m., Signs of Deback, Some dead wood	Fell
T94	Cherry plum	Prunus pissardii	7	8	200		C2	Early-Mature		Lean	Fell
T95	Norway maple	Acer platanoides	10	11	450		C2	Mature	40+	Rooted in Embankment	Fell
T96	Norway maple	Acer platanoides	10	9	350		C2	Mature	40+	Rooted in Embankment	Fell
T97	Swedish Whitebeam	Sorbus x intermedia	5	4	150	N	C1	Semi-Mature	20-40	Multistem at 0.6m	Fell
T98	Cherry	Prunus sp.	8	9	260		C1	Early-Mature	20-40		Fell
G99	Cherry	Prunus sp.	6-7		100		C2	Semi-Mature	20-40	4no.	Fell
T100	Rowan	Sorbus aucuparia	5	6	160		C1	Semi-Mature	10-20	Some dead wood, Signs of Deback	Fell
T101	Sweet Cherry	Prunus avium	10	9	450		U	Mature	0-10	Some dead wood, Signs of Deback, Thin canopy	Fell
T102	Sweet Cherry	Prunus avium	10	12	600		U	Mature	0-10	Some dead wood, Basal Decay, Fruiting body, Stem Decay	Fell
T103	Sweet Cherry	Prunus avium	10	11	650		U	Mature	0-10	Lean, Some dead wood, Signs of Deback, Stem Decay	Fell
G104	Leyland cypress	Cupressus x leylandii	6-7		100-150		C2	Early-Mature	20-40	6no.	
T105	Cherry	Prunus sp.	12	13	650		C1	Over-Mature	10-20	Some dead wood, Signs of Deback, Resin oozing	
T106	Norway maple	Acer platanoides	10	12	500		C1	Mature	10-20	Some dead wood, Deback	
T107	Norway maple 'Crimson King'	Acer platanoides 'purpureum'	7	6	150		C1	Semi-Mature	20-40		
T108	Norway maple 'Crimson King'	Acer platanoides 'purpureum'	9	10	200	N	C1	Early-Mature	20-40	Twinstem at GL, Slight Lean, Some dead wood	
T109	Norway maple	Acer platanoides	9	12	300		U	Mature	0-10	Basal Cavity, Significant Deback, Some dead wood	
T110	Norway maple	Acer platanoides	10	11	400		U	Mature	0-10	Deback, Some dead wood	
T111	Cherry	Prunus sp.	10	14	600		B1	Mature	20-40	Some dead wood	Fell
T112	Weeping willow	Salix x sepularalis	10	15	450		C1	Mature	0-10	Some dead wood, Signs of Deback, Stem Decay	Fell
T113	Sweet Cherry	Prunus avium	10	12.0	650		U	Over-Mature	0-10	Significant Deback, Dropped limbs, Dead Stem	
T114	Common Ash	Fraxinus excelsior	9	9	300	N	C2	Semi-Mature	40+	Multistem	
T115	Sweet Cherry	Prunus avium	6	7	200		C2	Early-Mature	20-40	Some dead wood	
T116	Silver Birch	Betula pendula	10	13.0	300	N	C1	Early-Mature	0-10	Twinstem at GL, One stem through fence	
OFF-SITE TREES											
OSA	Sweet Cherry	Prunus avium	11	14	450		B1	Mature	20-40	Some dead wood	Canopy reduce 10% to South
OSB	Sycamore	Acer pesudoplatanus	14	15	700		B1	Mature	40+		
OSC	Sycamore	Acer pesudoplatanus	12	11	400		C2	Mature	40+		
OSD	Common Hawthorn	Crataegus monogyna	8	9	300	N	C2	Early-Mature	40+		
OSE	Sweet Cherry	Prunus avium	9	13	400		C1	Mature	10-20		
OSF	Silver Birch, Alder, Sweet Cherry, White Willow	Betula pendula, Alnus glutinosa, Prunus avium, Salix alba	6-8	25	75-100		C2	Semi-Mature	40+	~15 no.	
OSG	Sycamore	Acer pesudoplatanus	16	13	550		B2	Mature	40+		

TREE SURVEY TO BS5837:2012

KEY

COLOUR	QUALITY	DESCRIPTION
GREEN	**A: HIGH** retention most desirable	Vigorous healthy good form, visually important, historic or rare
BLUE	**B: MODERATE** retention desirable	Slightly impaired condition, numerous immature, 'A' potential
GREY	**C: LOW** could be retained	Adequate condition requiring minimal surgery
RED	**U: FELL** Unsuitable for retention	Dead dying, dangerous insecure rooting, significant fungal disease
GREEN	**SHRUBS**	

SUB-CATEGORY:

1 ARBORICULTURAL
2 LANDSCAPE
3 CULTURAL/CONSERVATION

Site Boundary

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

The original of this drawing is produced in colour - a monochrome copy should not be relied upon.

LIMITATION OF THIS SURVEY
This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

TREE CONSTRAINTS

ROOT PROTECTION AREA (RPA)
Root Protection Areas have been calculated on the following basis:

Single stems: (& Notional) Area equivalent to circle of radius 12 x stem diameter at 1.5m

Multistems: Area equivalent to circle of radius 10 x diameter at ground level.

Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.

RPA of pollarded or topped trees has been reduced to an area appropriate to actual canopy spread.

TREE PROTECTION

Canopy reduction

TREES TO BE REMOVED (with root protection area)

Scaffold Protective Fence as BS5837:2012 Figure 2

REVISIONS:
A: Revised to AIA Rev A. NN May 2019
B: Survey extended to include School Site. KL July 2019
C: Revised to Sten Architects Planning Layout drawing no. 1876.01 Rev Q. PM Sept 2019
D: Revised to Sten Architects Planning Layout drawing no. 1876.01 Rev T. PM Jan 2020

Based on Premier Groups Planning Layout - drawing no. 1873.01 Revision A, dated 13.12.18, received 20/02/19 from Premier Group

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Job: GYPSY LANE, WOMBWELL

Title: TREE PROTECTION PLAN PAGE 1 OF 3

scale@A1	drawn	date	job number	number	revision
1:500	PM	FEB 19	883	GLW 07	D