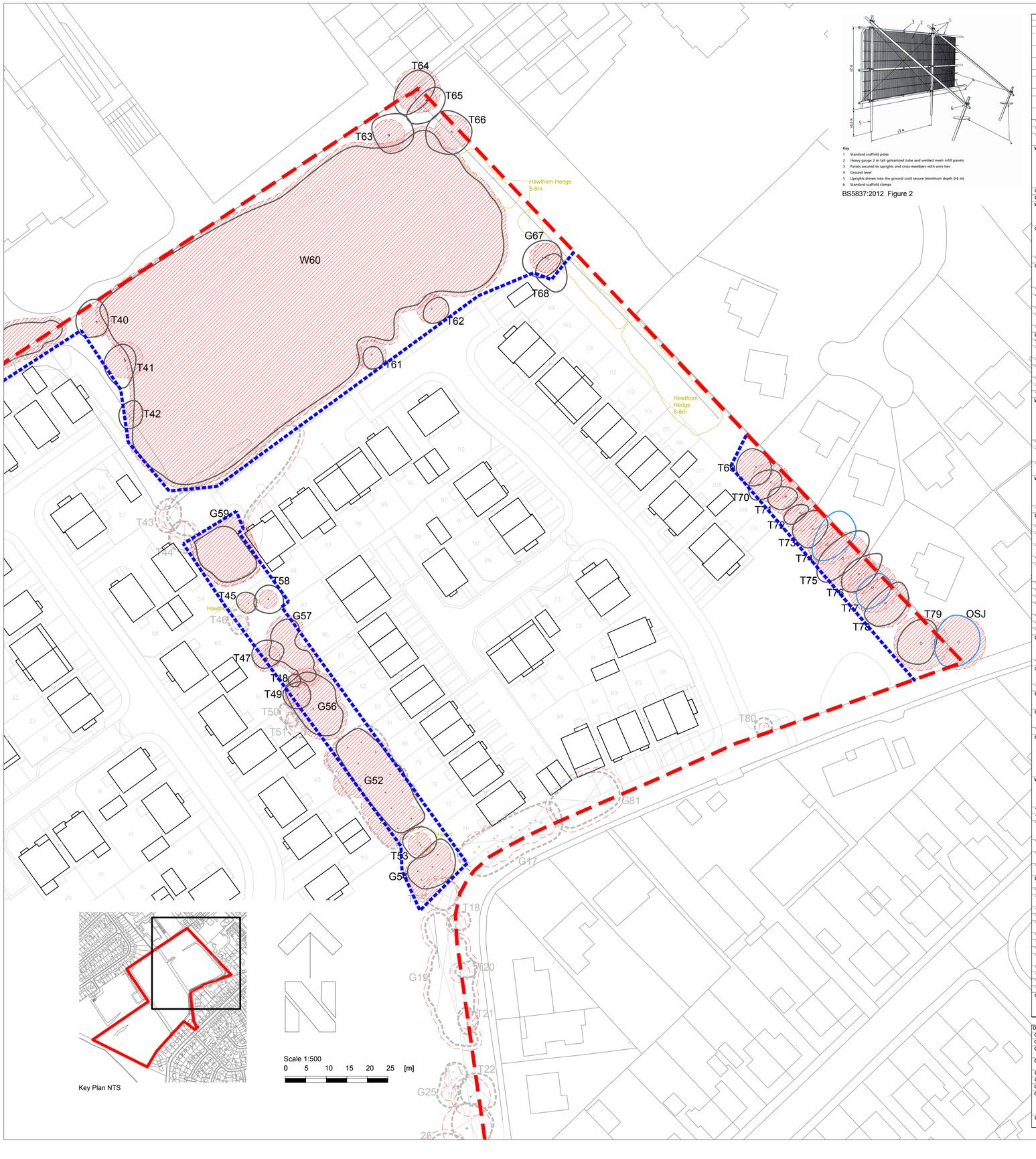

Key Plan NTS

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

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

NO	TREE SPECIES Common Name	TREE SPECIES Scientific Name	HEIGHT m	SPREAD m	DIA mm	N	CAT.	Life Stage	Life exp yrs	NOTES	RECOMMENDATIONS
T1	Silver Birch	Betula pendula	6	8	300		C2	Semi-Mature	40+		Fell
T2	Swedish Whitebeam	Sorbus x intermedia	9	5	250		B2	Early-Mature	40+		Fell
T3	Prunus species	Prunus species	6	7	200	N	C2	Semi-Mature	20-40	Multi stem at ground level. Some dead wood.	Fell
T4	Swedish Whitebeam	Sorbus x intermedia	9	6	300		B2	Early-Mature	40+	Stake	Fell
T5	Prunus species	Prunus species	6	6	250	N	C2	Semi-Mature	20-40	Multi stem at ground level. Stake	Fell
T6	Swedish Whitebeam	Sorbus x intermedia	9	6	300		C2	Early-Mature	40+	Slight lean	Fell
T7	Prunus species	Prunus sp	4	3	100		C2	Semi-Mature	40+		Fell
T8	Prunus species	Prunus sp	6	7	200	N	U	Semi-Mature	20-40	Multistem at ground level. Some dead wood.	Fell
T9	Swedish Whitebeam	Sorbus x intermedia	9	5	250		C2	Early-Mature	40+	Lean	Fell
T10	Sweet cherry	Prunus avium	8	11	250		C2	Early-Mature	40+	Ivy covered stem	Fell
T11	Goat willow	Salix caprea	5	3	75		C2	Young	40+		Fell
T12	Sycamore	Acer pesuduplatanus	8	5	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 pesuduplatanus, Alnus glutinosa, Corylus	12-14		100-250		C2	Early-Mature	40+		Partial Fell
G14	Goat willow	Salix caprea	8-10	37	300-500	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 pesuduplatanus, Prunus sp, Fraxinus excelsior,	10-12		100-250		C2	Early-Mature	40+	10 no.	Fell
G17	Sycamore, Prunus species, Common Ash, Alder	Acer pseudoplatanus, 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 pseudoplatanus, Quercus robur, Fraxinus excelsior	10-12	34	100-250		C2	Early-Mature	40+	25 no.	Fell
T20	Common Ash	Fraxinus excelsior	12	5	200		C2	Early-Mature	20-40	Lean	Fell
T21	Hawthorn	Crataegus monogyna	8	7	250	N	C2	Early-Mature	20-41	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	500		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	75-150		C2	Young	40+	5 no.	Fell
T26	Common Lime	Tilia x europaea	14	11	500		C2	Mature	40+		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	250		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	11 - 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	Fell
W33	Common Ash, Prunus species, common Hawthorn, Field Maple, common Lime, Sycamore	Fraxinus excelsior, Prunus species, Crataegus monogyna, Acer campestre, Tilia x europaea, Acer pesuduplatanus	11-13		100-300	N	C2	Early-Mature	40+	~160 no.	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 pesuduplatanus, Prunus sp, Acer campestre, Alnus glutinosa	11-14		100-250		C2	Early-Mature	40+	~115 no.	Fell
T38	Common Ash	Fraxinus excelsior	9	8	200		U	Semi-Mature	0 - 10	Dead	Fell
G39	Sycamore	Acer pesuduplatanus	11-14	21	150-350		C2	Semi-Mature	40+	<12no.	Fell
T40	Prunus species	Prunus species	11	10	350	N	C2	Mature	40+	Multistem at 1m	
T41	Sycamore	Acer pesuduplatanus	14	10	450	N	C2	Mature	40+	Twin stem at ground level	
T42	Sycamore	Acer pesuduplatanus	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 pseudoplatanus	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+		
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 pseudoplatanus	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	260	N	C2	Early-Mature	20-40	Twin at 1m. Lean	Fell
G52	Prunus species, Sycamore, Silver Birch, Field Maple	Prunus sp, Acer pesuduplatanus, 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	8-12	12	100-250		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, Hazel	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	
G59	Sycamore, English Oak, Sweet Chestnut, Common Ash, Field Maple, Alder	Acer pesudplatanus, Quercus robur, Castanea sativa, Fraxinus excelsior, Acer campestre, Alnus glutinosa,	8-12	39	100-250		C2	Early-Mature	40+	~40 no.	Partial Fell
W60	English Oak, Sycamore, Common Ash, Silver Birch	Quercus robur, Acer pesudoplatanus, Fraxinus excelsior, Betula pendula	10-15		100-350		C2	Early-Mature	40+	Occasional lean. Dead wood. Cavities. Litter. ~350 no.	
T61	Prunus species	Prunus species	13	5	300	N	C2	Early-Mature	40+	Multistem at ground level	
T62	Common Ash	Fraxinus excelsior	12	7	300		C2	Early-Mature	40+		
T63	Sycamore	Acer pesuduplatanus	15	10	400	N	C2	Mature	40+	Multistem at ground level. Crossovers	
T64	Sycamore	Acer pesuduplatanus	15	11	550	N	C2	Mature	20-40	Multistem at ground level	
T65	Sycamore	Acer pesuduplatanus	15	11	350	N	C2	Mature	40+	Multistem at ground level	
T66	Sycamore	Acer pesuduplatanus	15	11	350		C2	Mature	40+	Multistem at ground level	
G67	Sycamore	Acer pesuduplatanus	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		C2	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		C2	Mature	40+		
T79	Small leaved Lime	Tilia cordata	14	12	550		C2	Mature	40+		
T80	Sweet cherry	Prunus avium	6	4	100		C2	Young	40+		Fell
G81	Sycamore, Prunus species, Common Ash	Acer pesuduplatanus, Prunus sp, Fraxinus excelsior	10-12	16	100-250		C2	Early-Mature	40+	10 no.	Fell

OFF-SITE TREES											
OSA	Common Ash	Fraxinus excelsior	9	9	300	N	C2	Semi-Mature	40+	Multistem	Fell
OSB	Sweet Cherry	Prunus avium	6	7	200		C2	Early-Mature	20-40	Some dead wood	Fell
OSC	Sycamore	Acer pesuduplatanus	12	11	450		C2	Mature	40+		
OSD	Common Hawthorn	Crataegus monogyna	8	9	300	N	C2	Early-Mature	40+		
OSE	Prunus species	Prunus sp.	7	8	200		C2	Early-Mature		Lean	Fell
OSF	Norway maple	Acer platanoides	10	11	450		C2	Mature	40+		Fell
OSG	Norway maple	Acer platanoides	10	9	350		C2	Mature	40+		Fell
OSH	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.	
OSJ	Sycamore	Acer pseudoplatanus	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

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

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1:500	PM	FEB 19	883	GLW 07	-