

Birch Wood
75 - 250
10-14m

G63

T65

T64

G62

G61

T59

T58

T60

G56

G57

T67

T68

T69

T70

T71

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



1:5000 Location Plan

NO	TREE SPECIES Common Name	TREE SPECIES Scientific Name	HEIGHT m	SPREAD m	DIA mm	N	CAT.	Life Stage	Life exp yrs	NOTES
T1	Cherry	Prunus avium	5	4	150		C1	Semi-Mature	40+	
T2	Ash	Fraxinus excelsior	5	4	75		C1	Young	20-40	Basal damage.
T3	Silver Birch	Betula pendula	11	13	335	N	C1	Early-Mature	10-20	Twin stem @ ground level, leaning.
T4	Silver Birch	Betula pendula	11	13	335	N	C1	Early-Mature	20-40	Twin stem @ 1m, leaning.
T5	Silver Birch	Betula pendula	10	12	385	N	C1	Early-Mature	20-40	Multi stem at ground level.
T6	Field Maple	Acer campestre	9	10	435	N	C1	Early-Mature	40+	Multi stem at ground level.
T7	Hawthorn	Crataegus monogyna	6	6	175	N	C1	Semi-Mature	20-40	Multi stem at ground level.
W8	Hawthorn, Prunus species, Rowan	Crataegus monogyna, Prunus sp, Sorbus aucuparia	5-8		75-200		C2	Semi-Mature	20-40	~30no.
G9	Silver Birch	Betula pendula	12-14	34	150-300		C2	Early-Mature	20-40	13 no, some leaning, suppressed.
T10	Ash	Fraxinus excelsior	16	12	350		B1	Mature	20-40	Some dead wood.
T11	Silver Birch	Betula pendula	13	8	300		C1	Early-Mature	20-40	Some dead wood.
G12	Silver Birch	Betula pendula	14-16	10	300		C2	Early-Mature	20-40	3 no.
T13	Silver Birch	Betula pendula	14	8	355	N	C1	Early-Mature	20-40	Twin stem @ ground level.
T14	Silver Birch	Betula pendula	16	9	400		B1	Mature	20-40	
T15	Silver Birch	Betula pendula	5	3	75		C1	Young	20-40	
G16	Silver Birch	Betula pendula	14-15	7	150-200		C2	Early-Mature	20-40	2 no.
G17	Silver Birch	Betula pendula	7-8	5	150		C2	Semi-Mature	10-20	2 no.
W18	English Oak, Silver Birch	Quercus robur, Betula pendula	6-10		75-100		C2	Semi-Mature	20-40	~150 no. Many rooted in embankment or spoil, many leaning.
T19	English Oak	Quercus robur	5	4	150		U	Semi-Mature	0-10	Girdling wire damage, suppressed.
T20	Silver Birch, Sycamore	Betula pendula, Acer pseudoplatanus	8-13		100-250		C2	Early-Mature	20-40	
T21	Sycamore	Acer pseudoplatanus	14	10	585	N	C1	Mature	20-40	Multi stem at ground level, rooted in embankment.
T22	Sycamore	Acer pseudoplatanus	14	10	400		C1	Mature	20-40	Rooted in embankment
T23	Sycamore	Acer pseudoplatanus	12	10	355	N	C1	Early-Mature	10-20	Twin stem at ground level, lean, suppressed.
T24	Silver Birch	Betula pendula	14	7	350		C1	Early-Mature	20-40	
T25	English Oak	Quercus robur	15	7	350		C1	Semi-Mature	40+	Suppressed
W26	Silver Birch, Hazel, Prunus species, Alder	Betula pendula, Corylus avellana, Prunus sp, Alnus glutinosa	8-12		75-200		C1	Semi-Mature	20-40	~80no.
G27	Silver Birch	Betula pendula	8-11	13	150-200		U	Semi-Mature	10-20	~6no. Severe lean
T28	Goat Willow	Salix caprea	11	13	280	N	U	Mature	10-20	Multi stem at ground level, severe lean, decay
W29	Silver Birch, Alder, Hawthorn, English Oak, Goat Willow	Betula pendula, Alnus glutinosa, Crataegus monogyna, Quercus robur, Salix caprea	8-14		75-250		C2	Early-Mature	20-40	~200
W30	Silver Birch, Prunus species, Hawthorn, Hazel, Bramble, Corsie, Blackthorn	Betula pendula, Prunus sp, Crataegus monogyna, Corylus avellana, Rubus, Ulex, Prunus spinosa	5-9		75-150		C2	Semi-Mature	20-40	~250no.
G31	Goat Willow	Salix caprea	5	12	200	N	C2	Young	20-40	3 no. Multi stem at ground level.
G32	Scots Pine	Pinus sylvestris	6-8	34	150-200		C2	Early-Mature	20-40	~15no.
T33	Goat Willow	Salix caprea	4	3	150	N	C2	Young	20-40	Multi stem at ground level.
T34	Goat Willow	Salix caprea	5	6	250	N	C2	Semi-Mature	20-40	Multi stem at ground level.
G35	Poplar, Goat Willow	Populus sp, Salix caprea	4-6	16	200-300	N	C2	Semi-Mature	20-40	5 no. Multi stem at ground level.
W36	Scots Pine, European larch, Alder, Grand fir, Silver birch, Cupressus	Pinus sylvestris, Larix decidua, Alnus glutinosa, Abies grandis, Betula pendula, Cypress sp	10-13		75-200		C2	Semi-Mature	20-40	~250no.
T37	Hawthorn	Crataegus monogyna	7	7	300		U		10-20	Girdling wire damage.
T38	Horse Chestnut	Aesculus hippocastanum	4	5	150		C2	Semi-Mature	20-40	
T39	Silver Birch	Betula pendula	8	5	150		C2	Semi-Mature	20-40	Slight lean
G40	Silver Birch, Prunus species	Betula pendula, Prunus sp	4-8	37	75-150		C2	Young/ Semi-Mature	20-40	~25no.
T41	Cherry	Prunus avium	4	3	100		C2	Young	40+	
T42	Silver Birch	Betula pendula	14	11	600		C1	Mature	20-40	Twin stem at 1m, Slight lean, rooted in embankment.
T43	Silver Birch	Betula pendula	14	10	350		C1	Early-Mature	20-40	Some dead wood.
T44	Silver Birch	Betula pendula	14	13	360	N	C1	Early-Mature	10-20	Twin stem at ground level, severe lean.
T45	Silver Birch	Betula pendula	14	8	200		U	Semi-Mature	0-10	Lean, some dead wood, signs of dieback.
W46	Hawthorn, Field Maple, Silver Birch	Crataegus monogyna, Acer campestre, Betula pendula	6-13		100-200		C2	Semi-Mature	20-40	~25no.
G47	Silver Birch	Betula pendula	12-13	17	300		C2	Early-Mature	20-40	2 no. Leaning, some dead wood.
T48	Silver Birch	Betula pendula	14	12	280	N	C2	Early-Mature	20-40	Twin stem at ground level, some dead wood.
T49	English Oak	Quercus robur	14	15	350		B2	Mature	40+	
W50	Goat Willow, Grand fir, Aspen	Salix caprea, Abies grandis, Populus tremula	4-14		75-150		C2	Early-Mature	20-40	~25no. Rooted in embankment
W51	Hawthorn, Beech, English Oak, Hazel, Goat Willow, Poplar species	Crataegus monogyna, Fagus sylvatica, Quercus robur, Corylus avellana, Salix caprea, Populus sp	5-12		50-150		C2	Young/ Semi-Mature	40+	~300no. Dense plantation
W52	Silver Birch	Betula pendula	8-10		75-100		C2	Semi-Mature	40+	~50no.
W53	Hawthorn	Crataegus monogyna	4-7		75-150		C2	Semi-Mature	20-40	~30no.
W54	Hawthorn, Beech, Hazel, Goat Willow, English Oak, Poplar species	Crataegus monogyna, Fagus sylvatica, Corylus avellana, Salix caprea, Quercus robur, Populus sp	4-12		50-150		C2	Young/ Semi-Mature	40+	~120no. Dense plantation
W55	Hawthorn, Beech, English Oak, Corylus avellana, Fraxinus excelsior, Salix caprea, Poplar species	Crataegus monogyna, Fagus sylvatica, Quercus robur, Hazel, Ash, Goat Willow, Populus sp						Young/ Semi-Mature	40+	~150no.
G56	Poplar species	Populus sp	10	18	300	N	C2	Semi-Mature	20-40	3no. Multistem at ground level.
G57	Silver Birch, Hawthorn	Betula pendula, Crataegus monogyna	5-8	23	100-300		C2	Early-Mature	20-40	6no. Multistems.
T58	Silver Birch	Betula pendula	10	8	200		C1	Early-Mature	20-40	Lean
T59	Silver Birch	Betula pendula	10	8	200		C1	Early-Mature	10-20	Girdling water damage
T60	Silver Birch	Betula pendula	13	9	500	N	C1	Mature	20-40	Multistem at ground level
G61	Silver Birch, Rowan	Betula pendula, Sorbus aucuparia	7-9	11	300		C2	Early-Mature	10-20	Constrained roots
G62	Silver Birch, Crab Apple, Hawthorn, Ash	Betula pendula, Malus sylvestris, Crataegus monogyna, Fraxinus excelsior	6-13	20	100-200		C2	Young/ Semi-Mature	20-40	6no.
G63	Silver Birch, Prunus species	Betula pendula, Prunus sp	7-14	19	100-200		C2	Semi-Mature	20-40	10no.
T64	Silver Birch	Betula pendula	11	6	150		C2	Early-Mature	10-20	Constrained roots
T65	Ash	Fraxinus excelsior	7	5	100		C2	Young	10-20	Constrained roots
W66	Cypress, Silver Birch	Cupressus, Betula pendula	7-10		100-200		C2	Semi-Mature	0-10	~17no. Rooted in tyre wall.
T67	Silver Birch	Betula pendula	10	7	270	N	C1	Early-Mature	20-40	Multistem at ground level
T68	Silver Birch	Betula pendula	8	5	210	N	C1	Semi-Mature	20-40	Multistem at ground level
T69	Silver Birch	Betula pendula	8	7	195	N	C1	Semi-Mature	10-20	Multistem at ground level
T70	Silver Birch	Betula pendula	7	4	150		C1	Semi-Mature	10-20	
T71	Aspen	Populus tremula	8	6	200		U	Semi-Mature	0-10	Girdling wire damage
T72	Silver Birch	Betula pendula	8	7	150		C1	Semi-Mature	20-40	Lean
G73	Silver Birch	Betula pendula	6-9	26	75-150		C2	Early-Mature	20-40	7no.
G74	Silver Birch	Betula pendula	5-7	23	75-100		C2	Young	20-40	~13no.
T75	Silver Birch, Poplar sp	Betula pendula, Populus sp	5-8	10	75-200		C2	Semi-Mature	10-20	6no.
T76	English Oak	Quercus robur	4	4	100		C1	Young	40+	
T77	English Oak	Quercus robur	6	7	200		C1	Early-Mature	20-40	
G78	Silver Birch	Betula pendula	4-5	7	75		C2	Young	20-40	5no.

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.

Several trees have girdling damage by wire or rope gartotting. This is noted where visible. There may be other girdling damage not visible due to density of shrubberies. Detailed inspection of retained trees should be carried out at time of site clearance.

Trees with girdling wire have safe life expectancy of not more than 20 years. A programme of planned replacement and removal is recommended.

Based on Topographical Survey 10/07/15 no. 001 Monkton Coke Site by Hargreaves Services plc, received from Pegasus Group on 18/09/19

Weddle Landscape Design

LANDSCAPE ARCHITECTURE
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Job MONCKTON COKE WORKS

Tree
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scale@A1	drawn	date	job number	number	revision
1:500	PM	JAN 20	1011	MCW 01	-