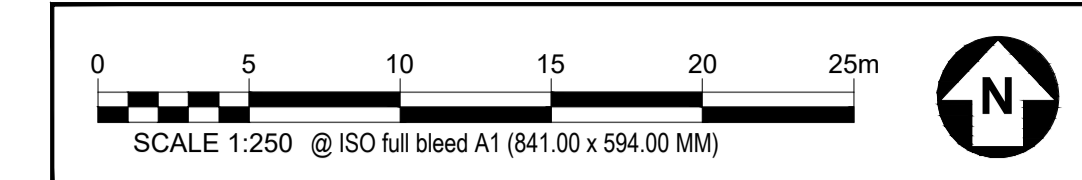


Hertfordshire Constabulary Headquarters Redevelopment

Tree Survey

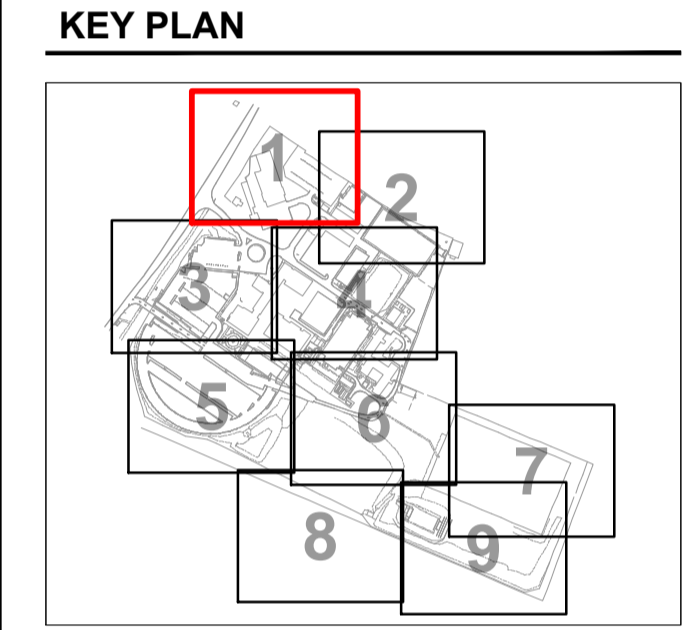


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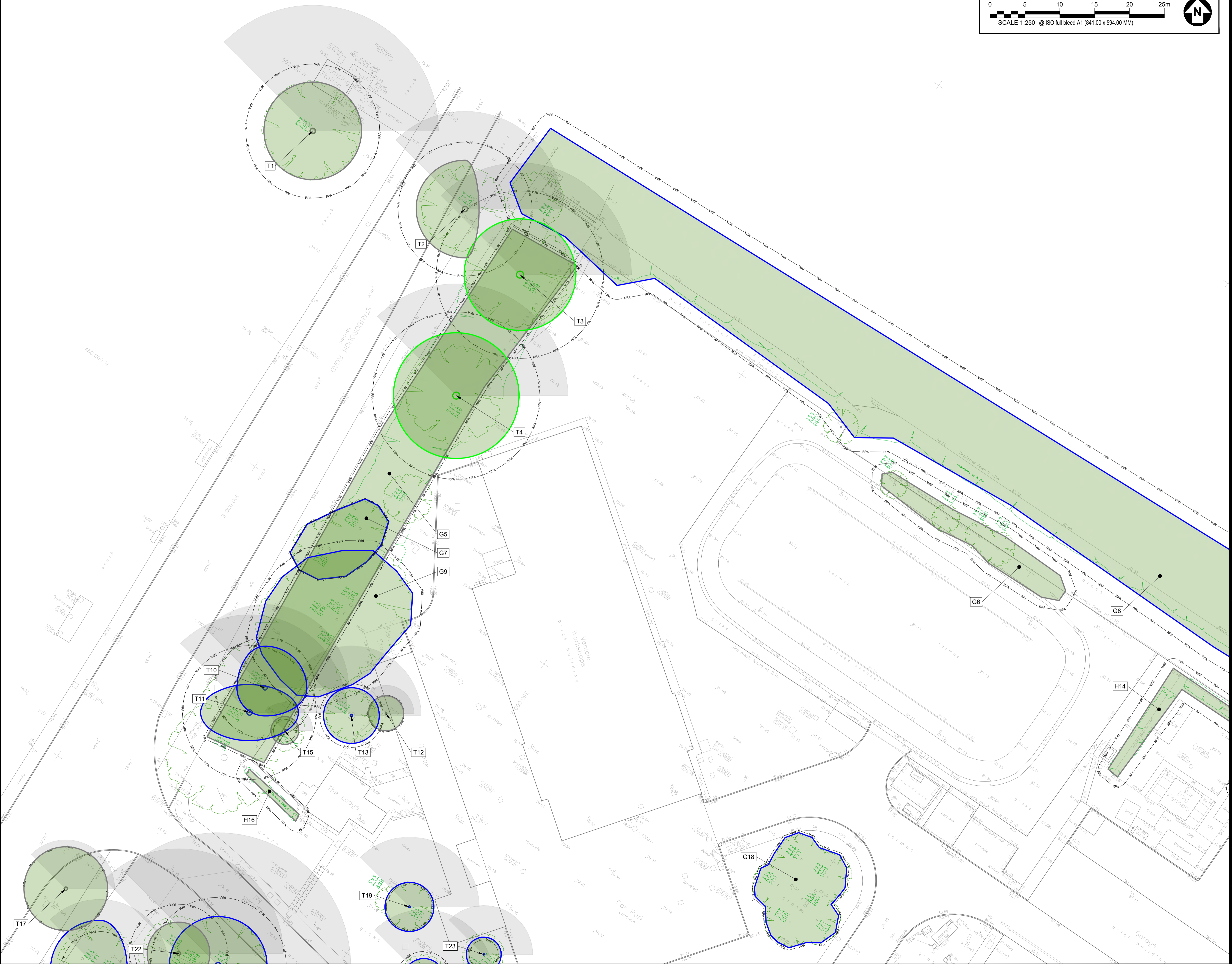
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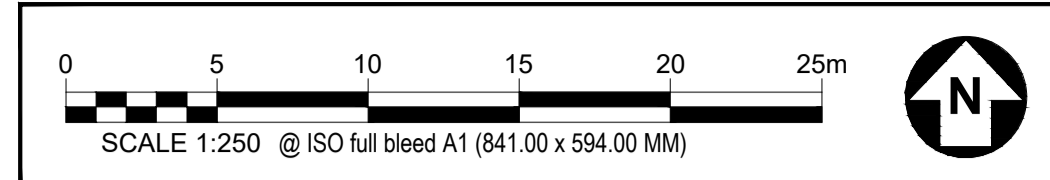
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60600329

SHEET TITLE
TREE CONSTRAINTS PLAN
(Sheet 01)

SHEET NUMBER **REV.**
ACM-606003290-TCP-001 P01



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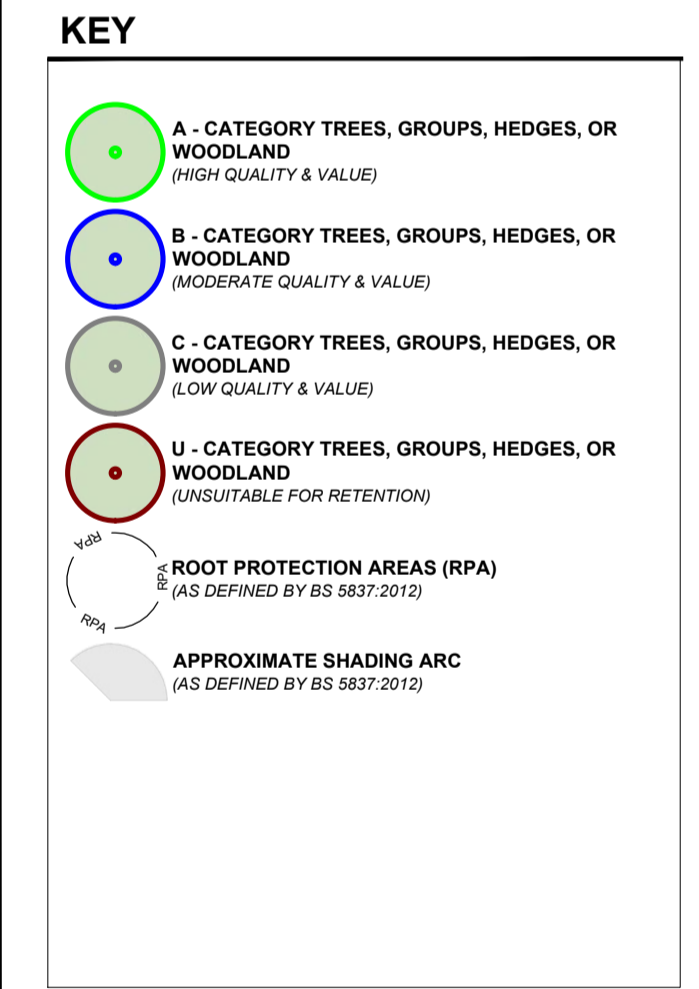
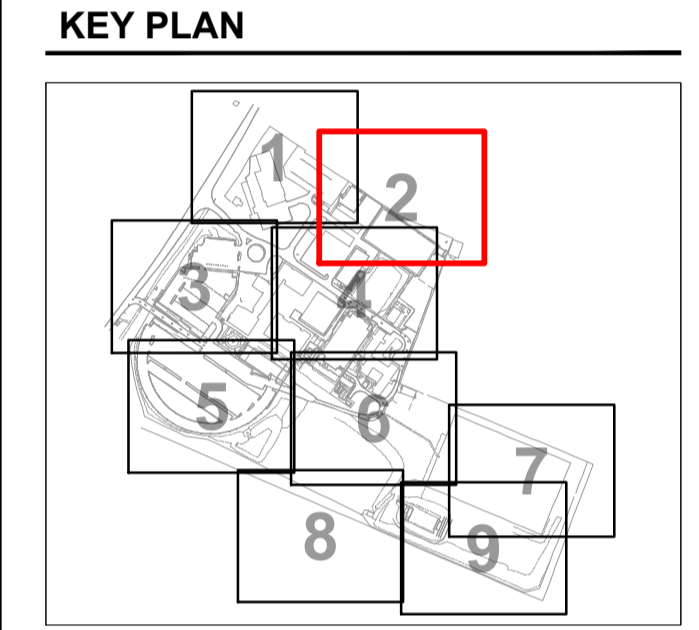


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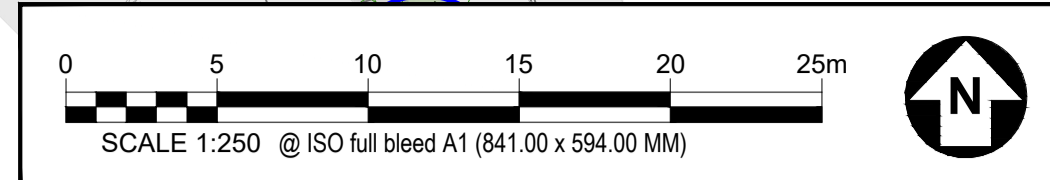
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TREE CONSTRAINTS PLAN
(Sheet 02)

SHEET NUMBER
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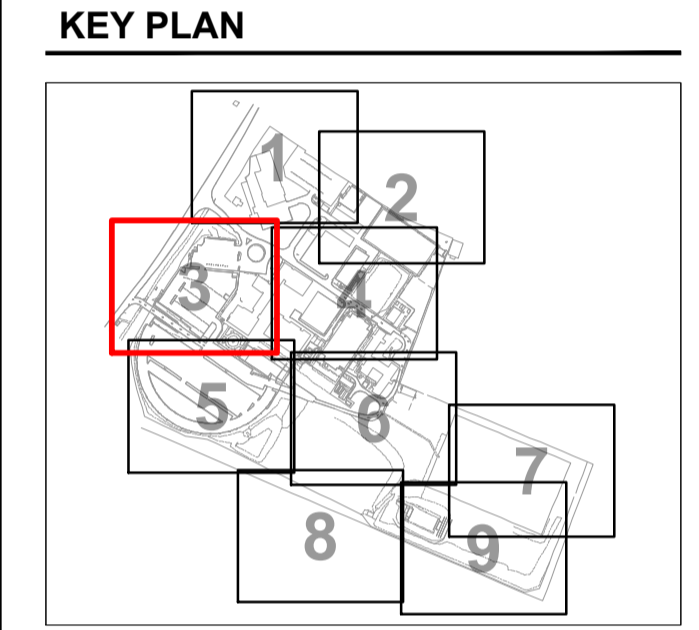
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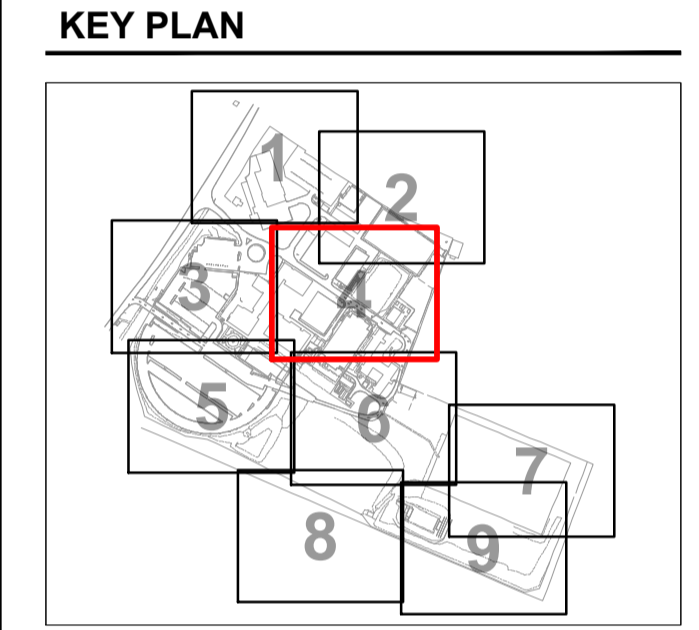


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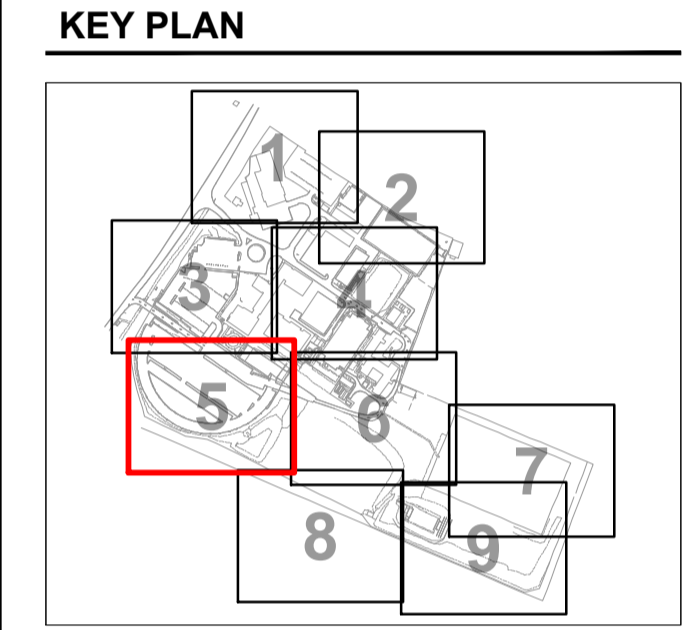
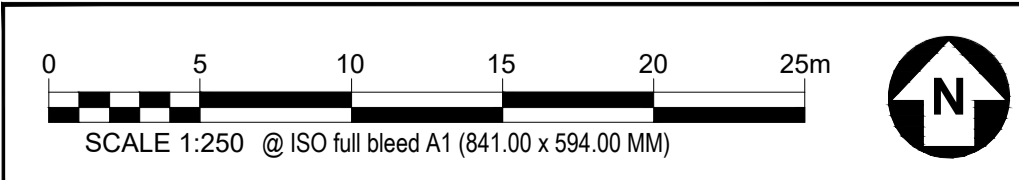
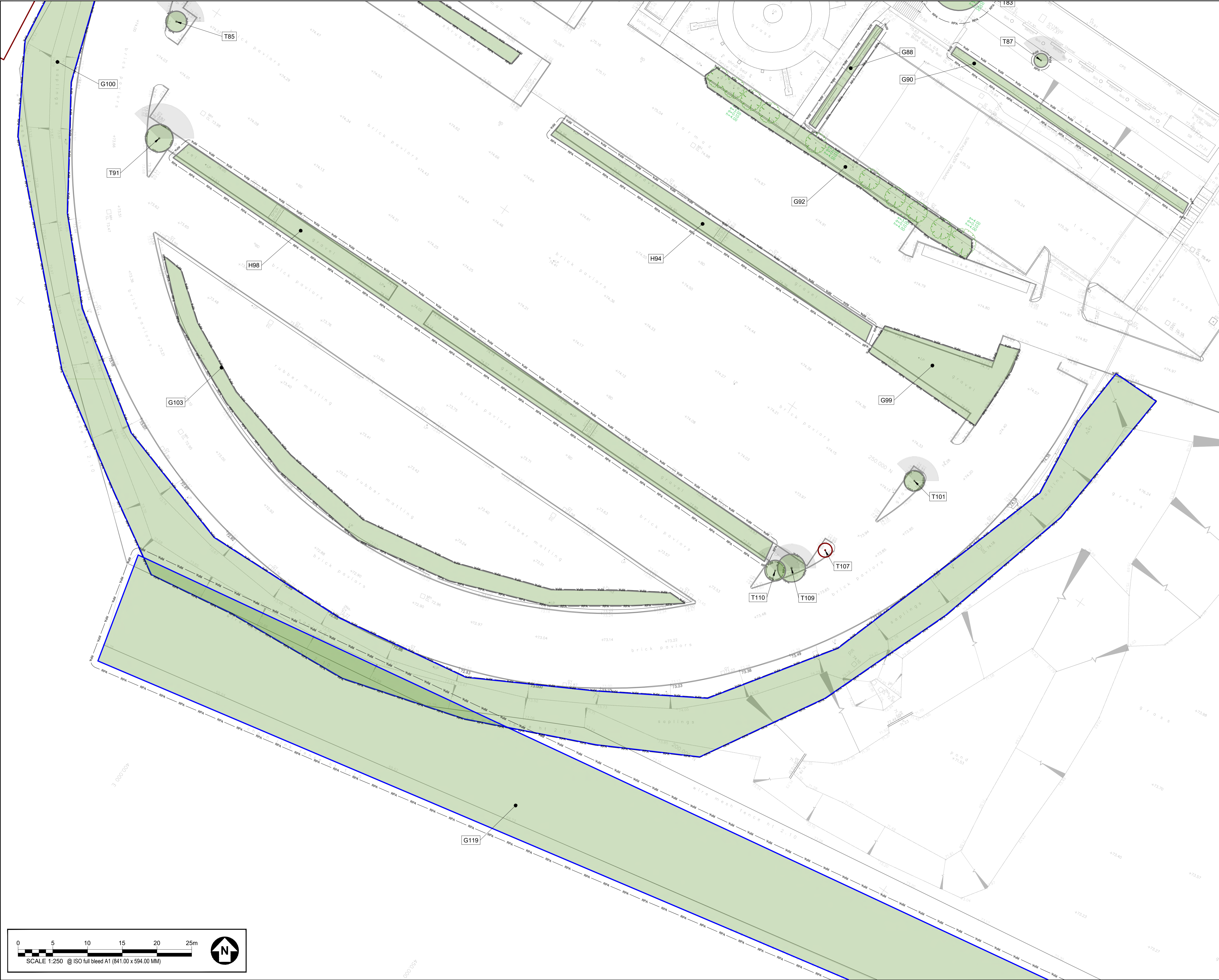
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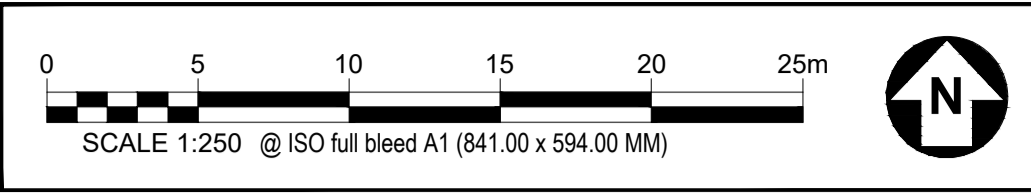
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SHEET TITLE
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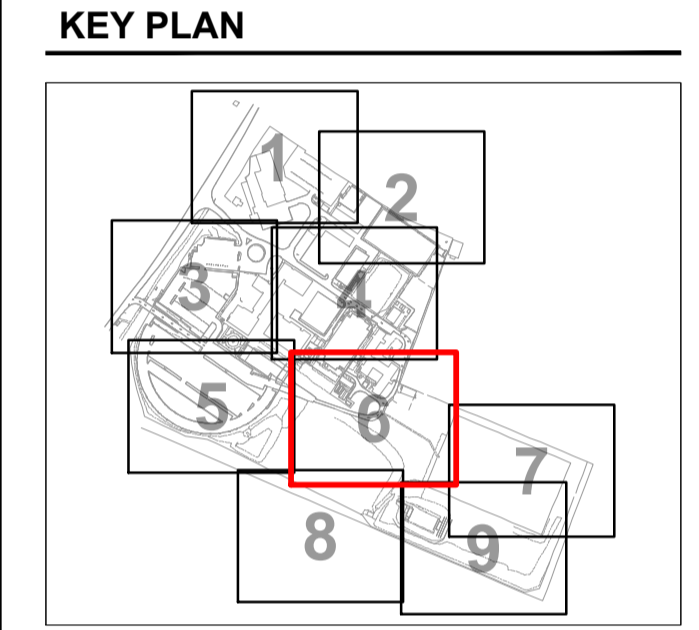


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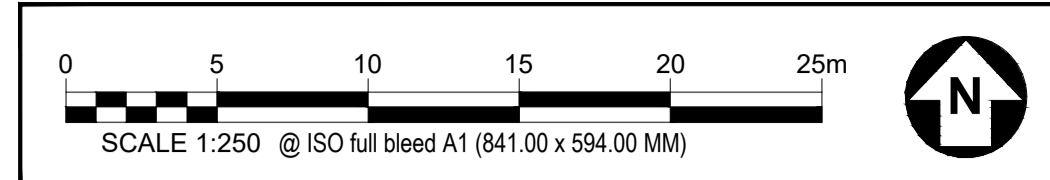
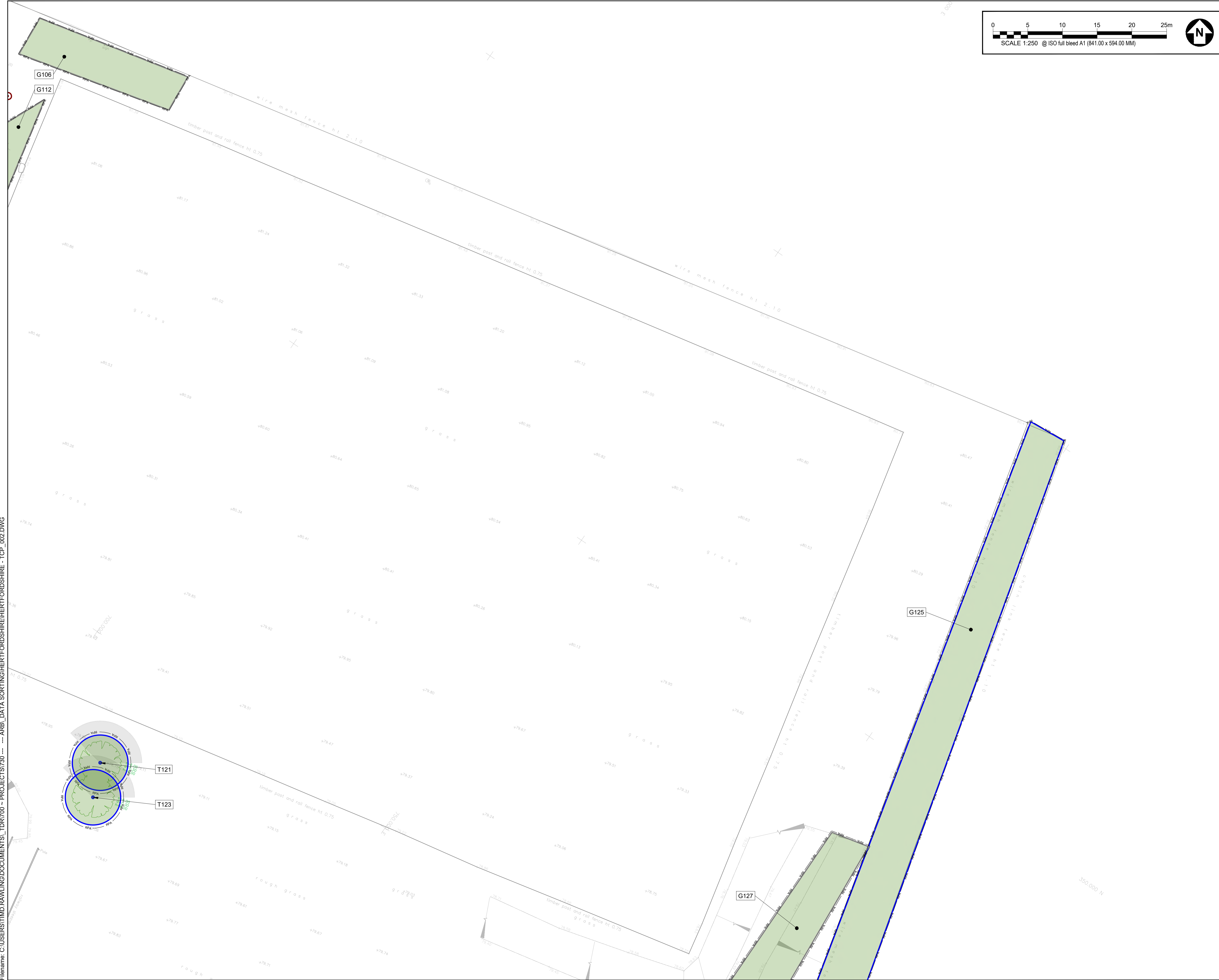
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(Sheet 06)

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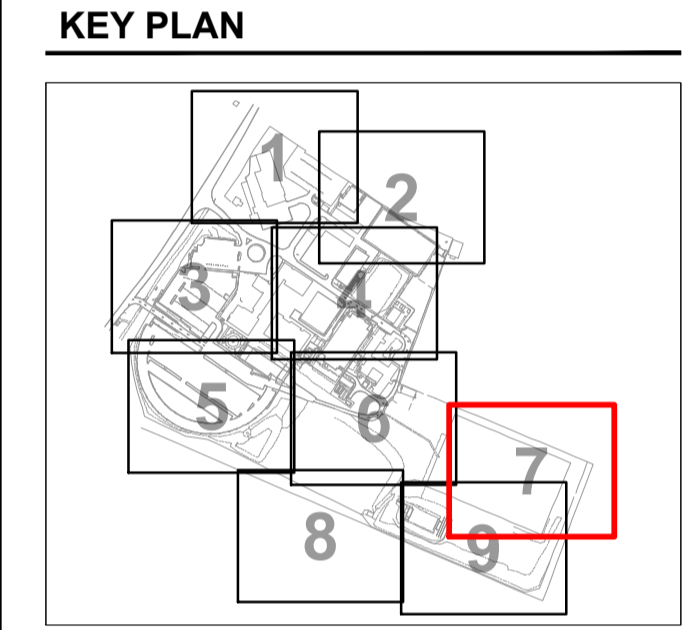
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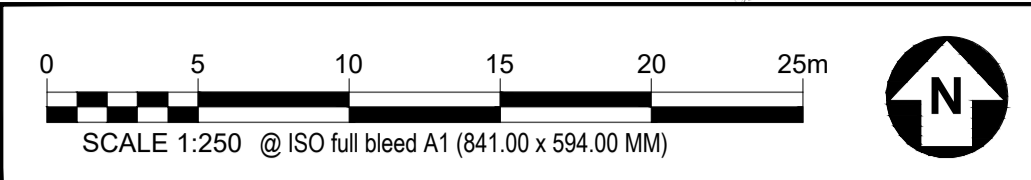
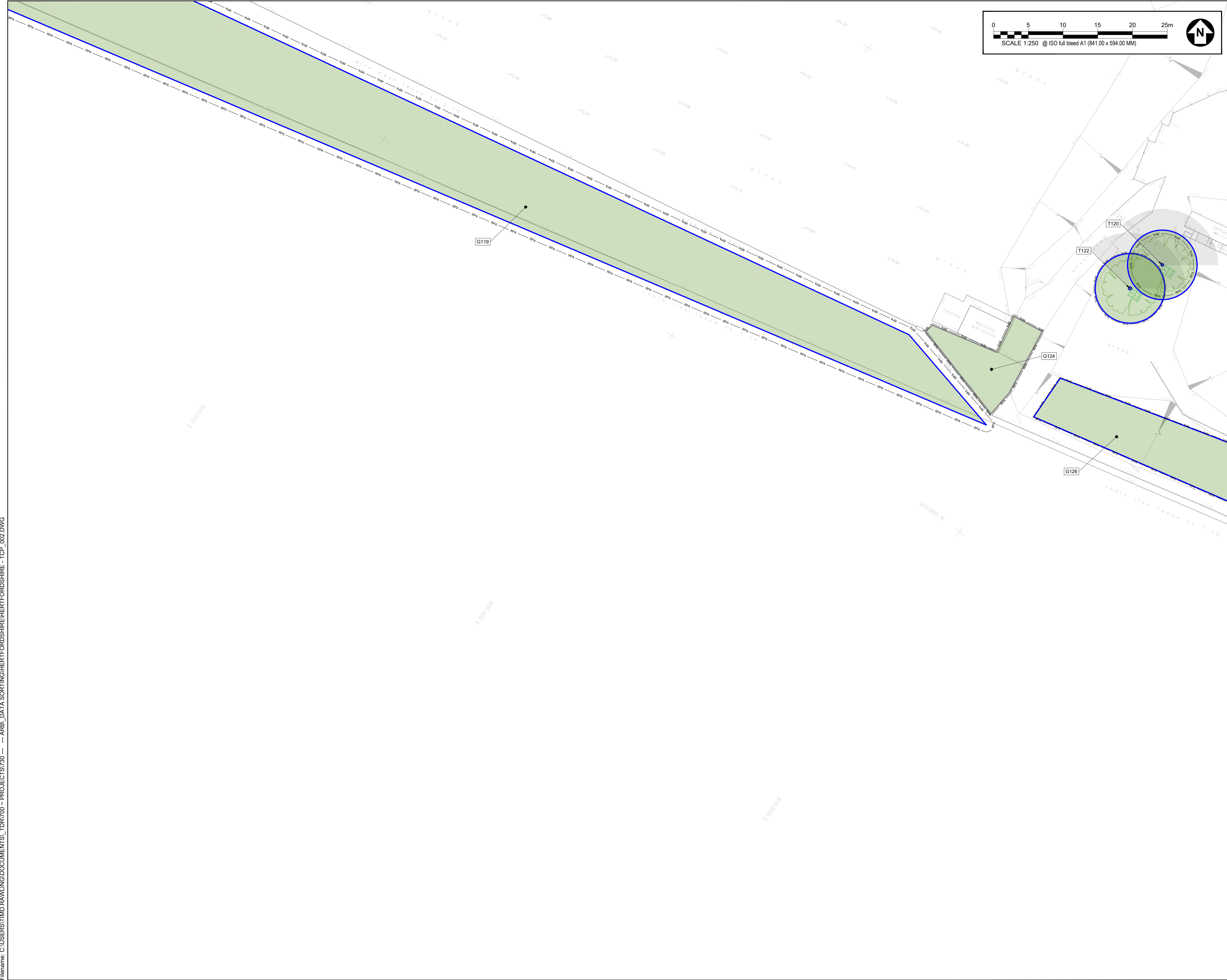
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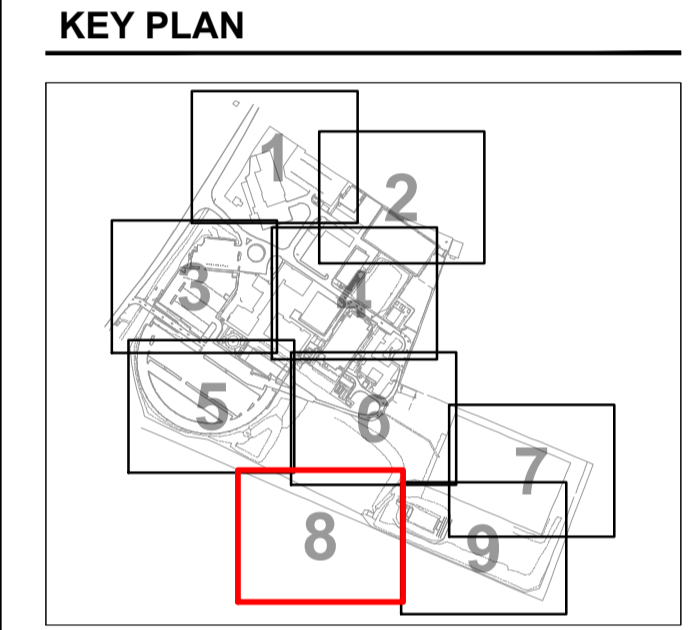


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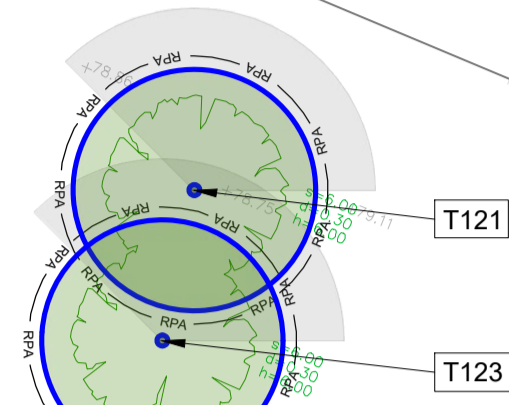
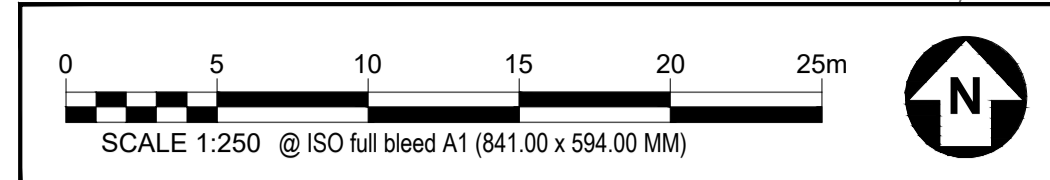
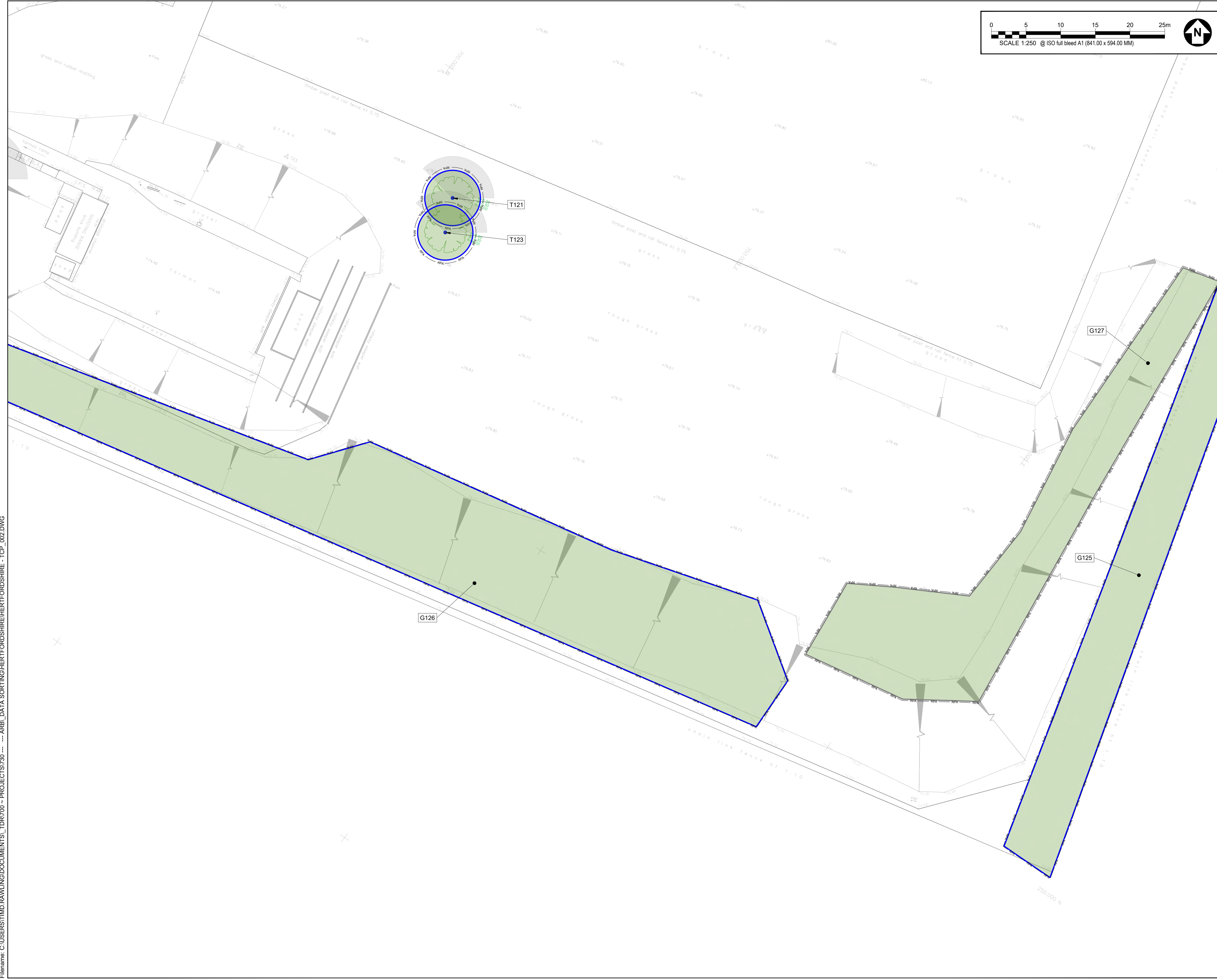
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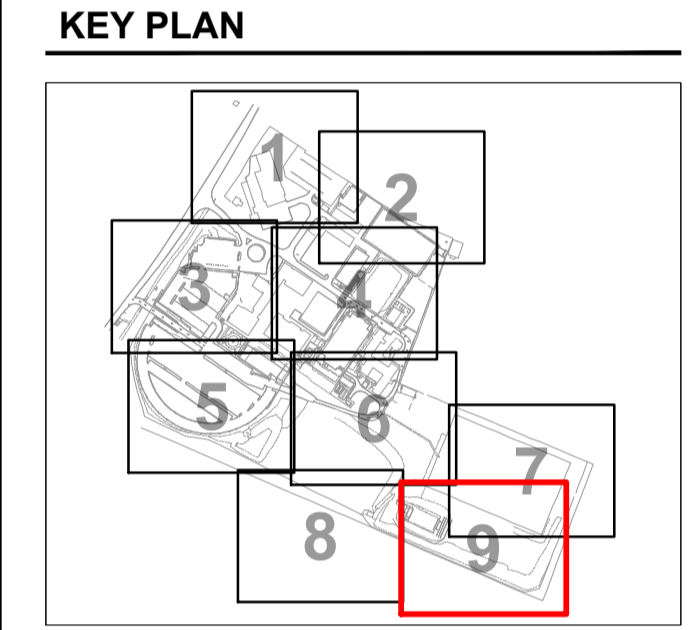
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Appendix B Tree Survey Schedule

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T1	Ash (<i>Fraxinus excelsior</i>)	18	800	7	7	7	7	2.5/N	5	Good	M	Poor	Twin stemmed from 0.5m with stems fused up to 1.5m. included union between stems increased risk of failure. Situated within green space beyond Stanborough Road			10+	C1
T2	Ash (<i>Fraxinus excelsior</i>)	14	800#	7	7	2	7	1.5/S	5	Fair	M	Fair	Situated offsite within narrow verge between footpath and carriageway. has been reduced in height and spread leaving several branch stubs. Dense ivy cover obscures main stem and base	Remove dead branch from above footpath (< 1 month)		10+	C1
T3	Common Oak (<i>Quercus robur</i>)	16	1000#	8	8	8	8	5.0/S	3	Good	M	Good	Situated beyond boundary fence on steep embankment. Past pruning. Large diameter dead branches noted. Unable to access base			40+	A1
T4	Common Oak (<i>Quercus robur</i>)	16	1000#	9	9	9	9	5.0/N	3	Good	M	Good	Situated beyond boundary fence on steep embankment. Past pruning. Large diameter dead branches noted. Unable to access base			40+	A1
G5	Ash (<i>Fraxinus excelsior</i>), Blackthorn (<i>Prunus spinosa</i>), Hawthorn (<i>Crataegus monogyna</i>)	4	200#	2	2	2	2	n/a	n/a	Fair	M	Fair	Unmanaged tree group situated beyond boundary fence on steep embankment. Dense ivy cover obscures main stems. Unable to access stems. Limited screening value			10+	C2
G6	Hawthorn (<i>Crataegus monogyna</i>), Ash (<i>Fraxinus excelsior</i>)	4	200	1	1	1	1	n/a	n/a	Fair	SM-EM	Fair	Self-seeded tree between car park and boundary fence. Maintained to provide clearance from car park. Limited screening value			10+	C2
G7	Ash (<i>Fraxinus excelsior</i>)	10	400	5	5	5	5	n/a	n/a	Good	EM	Fair	Group of 3 trees situated beyond boundary fence on steep embankment. Dense ivy cover obscures main stems. Moderate screening value			20+	B2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
G8	Common Oak (<i>Quercus robur</i>), Ash (<i>Fraxinus excelsior</i>), Hawthorn (<i>Crataegus monogyna</i>), Elder (<i>Sambucus nigra</i>)	8	500	4	4	4	4	n/a	n/a	Good	EM	Good	Offsite tree group forming areas of woodland. Occasional gaps within group. Good landscape and screening value			20+	B2
G9	Ash (<i>Fraxinus excelsior</i>)	17	700#	7	7	7	7	n/a	n/a	Fair	M	Fair	Group of 3 trees situated beyond boundary fence on steep embankment. Dense ivy cover obscures main stems. Unable to access stems. Die back noted with small diameter dead branches possibly ash die back. Provides moderate screening value			20+	B2
T10	Common Oak (<i>Quercus robur</i>)	12	600#	6	4	6	4	5.0/N	3	Good	M	Fair	Situated beyond boundary fence on steep embankment. Unable to access base. Dense ivy cover obscures main stem. Proximity to adjacent tree has resulted in uneven crown formation.			20+	B1
T11	Common Oak (<i>Quercus robur</i>)	14	800#	4	4	7	7	7.0/W	5	Good	M	Fair	Situated beyond boundary fence on steep embankment. Unable to access base. Dense ivy cover obscures main stem. Proximity to adjacent tree has resulted in uneven crown formation. Dead branch above footpath.	Remove dead branch from above footpath (< 1 month)		20+	B1
T12	Laburnum (<i>Laburnum anagyroides</i>)	4	150,150,50	2.5	2.5	2.5	2.5	0.5/W	1.5	Good	EM	Fair	Former garden tree. Second leader develops from base horizontally to west. Within 1m of wall.			10+	C1
T13	Silver Birch (<i>Betula pendula</i>)	10	380	4	4	4	4	3.5/W	1.5	Good	M	Good	Situated within former garden. Past pruning to raise crown with occasional branch stubs			20+	B1
H14	Cypress (<i>Chamaecyparis sp</i>)	4	200	1	1	1	1	n/a	n/a	Good	EM	Good	Maintained hedgerow group, gaps created to allow access, limited screening value		Fell	10+	C2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T15	Rowan (<i>Sorbus aucuparia</i>)	4	135	2	2	2	2	1.5/N	2	Good	EM	Fair	Situated within former garden. Past pruning to raise crown, crossing and rubbing branches noted.			10+	C1
H16	Cypress (<i>Chamaecyparis sp</i>)	3	200	1	1	1	1	n/a	n/a	Good	EM	Good	Maintained hedge. Limited screening value			10+	C2
T17	Field Maple (<i>Acer campestre</i>)	7	500	6	6	6	6	4.0/E	2	Poor	M	Fair	Situated offsite within narrow verge between pavement and carriageway. Dense ivy cover obscures main stem. Tree is in decline.	Sever ivy and visually assess main stem (< 3 months)		10+	C1
G18	Ash (<i>Fraxinus excelsior</i>)	14	360	4	4	4	4	n/a	n/a	Fair	EM	Good	Group of 6 trees situated on embankment. Exposed roots with mower damage. Past pruning wounds and branch socket cavities. Several trees display sparse crowns with die back and small diameter dead branches possibly ash die back. Collective landscape value.			20+	B2
T19	Silver Birch (<i>Betula pendula</i>)	10	275	3.5	3.5	3.5	3.5	2.5/W	2	Good	EM	Good	Past pruning to raise crown			20+	B1
T20	Common Oak (<i>Quercus robur</i>)	16	1200	10	10	10	10	4.0/S	3	Good	M	Good	Situated off Site beyond boundary fence. Large diameter dead branches noted. Multiple degraded fungal brackets noted around base likely Ganoderma sp. but unable to identify due to time of year.	Alert adjacent landowner to the potential safety issue and carry out further assessment of bracket fungi at base returning earlier in year to determine fungi (< 12 months)		40+	A1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T21	Common Oak (<i>Quercus robur</i>)	16	1200	8	8	8	8	4.0/S	3	Good	M	Good	Situated off Site beyond boundary fence. Past pruning with branch stubs. Large diameter dead branches noted.			40+	A1
T22	Ash (<i>Fraxinus excelsior</i>)	15	320,300,330,210	4.5	4.5	4.5	4.5	3.0/W	5	Fair	M	Fair	Multi stemmed from base. No obvious weak unions. Smallest stem dead and has been reduced to 3.5m. Die back evident throughout crown possibly ash die back. Past pruning to raise crown.			10+	C1
T23	Silver Birch (<i>Betula pendula</i>)	7	175	2.5	2.5	2.5	2.5	3.5/N	1	Good	EM	Good	Past pruning to raise crown.			20+	B1
T24	Ash (<i>Fraxinus excelsior</i>)	19	410,310,360,340,390	7	7	7	7	2.5/S	7	Good	M	Fair	Multi stemmed from base. Slight included union between stems to north, does not currently present a significant risk. Past reduction in both height and spread. Epicormic growth throughout crown. Exposed roots with mower damage.			20+	B1
T25	Common Oak (<i>Quercus robur</i>)	10	450	7	4	4	7	1.5/N	1	Fair	EM	Good	Situated beyond boundary fence. Ivy on main stem has been severed. Sparse crown with small diameter dead branches.			20+	B1
T26	Silver Birch (<i>Betula pendula</i>)	10	335	3	3	3	3	1.5/W	1	Good	EM	Good	Small diameter branch stubs noted			20+	B1
T27	Common Oak (<i>Quercus robur</i>)	2.5	60	1.5	1.5	1.5	1.5	n/a	n/a	Good	Y	Good	Recently planted specimen			10+	C1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T28	Silver Birch (<i>Betula pendula</i>)	5	185	1	3	1	3	1.5/W	1.5	Fair	EM	Fair	Suppressed by adjacent trees, uneven crown form and epicormic growth throughout crown			10+	C1
G29	Cherry Laurel (<i>Prunus laurocerasus</i>)	4	200#	3	3	3	3	n/a	n/a	Fair	M	Fair	Outgrown shrub, unable to access base			10+	C2
T30	Common Oak (<i>Quercus robur</i>)	3	60	1.5	1.5	1.5	1.5	n/a	n/a	Good	Y	Fair	Young recently planted specimen. Proximity to adjacent tree has resulted in an uneven crown and leaning stem to north			10+	C1
G31	Norway Maple (<i>Acer platanoides</i>)	9	250	3	3	3	3	n/a	n/a	Fair	SM	Fair	Group of 3 trees within grass verge. Proximity to mature tree has resulted in suppressed crown forms, dieback noted with small diameter dead branches			10+	C2
T32	Common Oak (<i>Quercus robur</i>)	12	610	4	4	4	4	3.5/W	4	Good	M	Good	Past pruning to raise crown with large diameter pruning wounds. Overall crown reduction. Situated within 2m of car park			20+	B1
G33	Crab Apple (<i>Malus sylvestris</i>)	4	225	2	2	2	2	n/a	n/a	Fair	SM-EM	Fair	Group of 4 trees on embankment. Several trees display bark wounds likely rabbit damage, small diameter dead wood noted			10+	C2
T34	Common Oak (<i>Quercus robur</i>)	4	545	5	5	5	5	4.0/N	0.5	Good	EM	Good	Close spacing to adjacent tree has resulted in a sparse crown to the north. Low crown near to ground level. Past pruning noted			40+	A1
T35	Crab Apple (<i>Malus sylvestris</i>)	5	325	3	3	3	3	1.5/W	1	Good	M	Good	Largest tree with small group of apple. Situated on embankment. epicormic growth throughout crown			20+	B1
T36	Common Oak (<i>Quercus robur</i>)	15	900	10	10	5	5	4.0/S	2	Good	M	Good	Situated offsite within verge between pavement and carriageway. Ivy cover obscures main stem. Large diameter dead branches and branch stubs noted in crown	Remove large diameter dead branches from above pavement (< 1 month)		20+	B1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T37	Common Oak (<i>Quercus robur</i>)	15	470	8	2	6	2	4.0/N	5	Good	EM	Fair	Proximity to adjacent tree has resulted in uneven crown form. Past pruning to raise crown. Situated within 2m of car park			20+	B1
G38	Common Oak (<i>Quercus robur</i>)	14	350	5	5	5	5	n/a	n/a	Good	EM	Fair	Group of 5 trees closely spaced with interlocking crowns. Small diameter dead branches and epicormic growth noted throughout group.			20+	B2
T39	Common Oak (<i>Quercus robur</i>)	14	500	1	4	4	4	2.5/W	1	Good	EM	Good	Close spacing to adjacent tree has resulted in uneven crown form. Past pruning noted. Small diameter dead branches noted			40+	A1
T40	Common Oak (<i>Quercus robur</i>)	15	480	2	7	7	2	4.0/S	5	Good	EM	Fair	Proximity to adjacent tree has resulted in uneven crown form. Past pruning to raise crown. Situated within 2m of car park		Fell	20+	B1
G41	Norway Maple (<i>Acer platanoides</i>)	8	440	5	5	5	5	n/a	n/a	Fair	EM	Good	Group of 4 trees within grass verge between road and car park. All four trees display leaf necrosis with dieback and small diameter dead branches. Cause unclear at time of assessment possibly drought damage. Collective landscape value		Fell in part as per Tree Protection Plan	20+	B2
H42	Hornbeam (<i>Carpinus betulus</i>)	1.5	50	0.5	0.5	0.5	0.5	n/a	n/a	Good	SM	Good	Recently planted maintained hedge		Fell in part as per Tree Protection Plan	10+	C2
T43	Hawthorn (<i>Crataegus monogyna</i>)	3.5	250	1.5	1.5	1.5	1.5	1.0/S	1	Fair	M	Fair	Situated 0.5m from boundary fence. Heavily reduced in the past			10+	C1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
G44	Elder (<i>Sambucus nigra</i>)	3.5	100	1.5	1.5	1.5	1.5	n/a	n/a	Fair	EM	Poor	Self-seeded between buildings. Unsuitable for location			<10	U1
G45	Silver Birch (<i>Betula pendula</i>)	8	300	3	3	3	3	n/a	n/a	Good	EM	Good	Three trees situated within roundabout at main entrance. Past pruning to raise crowns. Moderate landscape value		Fell	20+	B2
G46	Elder (<i>Sambucus nigra</i>), Hawthorn (<i>Crataegus monogyna</i>), Ash (<i>Fraxinus excelsior</i>), Common Oak (<i>Quercus robur</i>)	4	150	2	2	2	2	n/a	n/a	Fair	Y-EM	Poor	Self-seeded tree cover situated beyond boundary fence on steep embankment. Dense undergrowth. Predominantly elder and hawthorn with occasional young tree. Very sporadic with limited screening value			10+	C2
T47	Common Oak (<i>Quercus robur</i>)	17	1100#	8	8	8	8	5.0/W	5	Fair	M	Good	Situated beyond boundary fence on steep embankment. Ivy cover on main stem has been severed. Unable to access base. Large diameter dead branches noted in crown	Remove dead branches from above pavement (< 1 month)	Crown reduce to provide a 1.5-2m clearance of the proposed structure to the east.	40+	A1
T48	Ash (<i>Fraxinus excelsior</i>)	16	500,300 #	8	2	4	6	5.0/N	5	Good	M	Fair	Situated beyond boundary fence within verge between pavement and carriageway. Situated within hedge line. Large stool likely previously managed as part of hedgerow. Ivy cover obscures stem and base. Proximity to adjacent tree has resulted in uneven crown			20+	B1
T49	Norway Maple (<i>Acer platanoides</i>)	6	290	4	4	4	4	3.0/N	1.5	Good	EM	Good	Planted specimen within grass area adjacent to car park. Exposed roots with mower damage		Crown reduce to provide a 1.5-2m clearance of the proposed structure to the north.	20+	B1
T50	Ash (<i>Fraxinus excelsior</i>)	16	500	1	7	4	7	3.0/S	5	Good	M	Fair	Situated beyond boundary fence within verge between pavement and carriageway. Situated within hedge line. Large stool likely previously managed as part of hedgerow. ivy cover			20+	B1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
													obscures stem and base. Proximity to adjacent tree has resulted in uneven crown				
T51	Hawthorn (<i>Crataegus monogyna</i>)	7	350	2	2	2	2	n/a	n/a	Dead	M	Dead	Standing dead tree. Situated beyond boundary fence on steep embankment.	Fell tree (< 1 month)		<10	U1
G52	Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>), Field Maple (<i>Acer campestre</i>)	4	300#	3	3	3	3	n/a	n/a	Fair	M	Poor	Old hedge line situated on raised ground. Situated beyond boundary fence within verge between pavement and carriageway. Dense ivy cover obscures main stems. several gaps within group			10+	C2
T53	Crab Apple (<i>Malus sylvestris</i>)	4	125	2.5	2.5	2.5	2.5	1.5/W	1.5	Good	SM	Good	Planted specimen within car park, good sized planting pit		Fell	10+	C1
T54	Cherry (<i>Prunus sp</i>)	7	175	3.5	3.5	3.5	3.5	2.0/N	3	Good	SM	Good	Planted specimen within car park, good sized planting pit		Fell	10+	C1
T55*	Common Oak (<i>Quercus robur</i>)	6	250#	3.5	3.5	3.5	3.5		1.5	Good	SM	Good	Situated beyond boundary fence. Unable to access. Past pruning to install fence			20+	B1
T56	Rowan (<i>Sorbus aucuparia</i>)	4	125	1.5	1.5	1.5	1.5	1.5/E	1.5	Dead	SM	Dead	Standing dead tree	Fell tree (< 1 month)	Fell	<10	U1
G57	Lime (<i>Tilia sp</i>)	5	320	1.5	1.5	1.5	1.5	n/a	n/a	Fair	EM	Fair	Linear group of 7 pollarded lime along main avenue. No obvious planting pit situated within pavement. Leaf necrosis and die back evident in most trees. Pollard at 4m. Collective landscape value			20+	B2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T58	Hybrid black poplar (<i>Populus x canadensis</i>)	6	155	2	2	2	2	n/a	0.5	Good	SM	Fair	Stem develops horizontally 1m from ground level before up righting. Situated within planted border		Fell	10+	C1
T59*	Common Oak (<i>Quercus robur</i>)	7	400#	5	5	5	5	n/a	1.5	Good	EM	Good	Situated beyond boundary fence. Unable to access. Past pruning to install fence			20+	B1
T60	Hornbeam (<i>Carpinus betulus</i>)	4	160	2	2	2	2	1.5/W	1.5	Fair	SM	Good	Planted specimen within car park, leaf necrosis and die back noted likely drought damage		Fell	10+	C1
T61	Hybrid black poplar (<i>Populus x canadensis</i>)	6	130	2	2	2	2	n/a	0.5	Good	SM	Fair	Horizontal stem at base. Situated within planted border		Fell	10+	C1
T62	Hornbeam (<i>Carpinus betulus</i>)	4	175	2	2	2	2	1.5/W	1.5	Poor	SM	Good	Planted specimen within car park, leaf necrosis and significant die back noted likely drought damage	Fell tree (< 1 month)	Fell	<10	U1
T63	Hawthorn (<i>Crataegus monogyna</i>)	4.5	300#	2	2	2	2	n/a	3	Poor	M	Poor	Situated beyond boundary fence on steep embankment. Dense ivy cover obscures main stem. Little visible live growth	Fell tree (< 12 months)		<10	U1
T64*	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	4	250#	1.5	1.5	1.5	1.5	n/a	0	Fair	EM	Fair	Small area of die back with brown foliage, cause unclear at time of assessment. Unable to access base		Fell	10+	C1
G65	Hybrid black poplar (<i>Populus x canadensis</i>)	4	100	1.5	1.5	1.5	1.5	n/a	n/a	Good	Y	Fair	Group of three trees all likely self-seeded or sucked from adjacent specimen. Multi stem and single stem forms. Unsuitable for location		Fell	<10	U2
T66*	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	3.5	250	1.5	1.5	1.5	1.5		0	Poor	EM	Poor	Significant die back noted with areas of brown foliage. Cause unclear at time of assessment		Fell	<10	U1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T67	Hornbeam (<i>Carpinus betulus</i>)	5	165	2	2	2	2	1.5/W	1.5	Poor	SM	Good	Planted specimen within car park, leaf necrosis and significant die back noted likely drought damage		Fell	<10	U1
T68	Ash (<i>Fraxinus excelsior</i>)	9	375	4	4	4	4	1.5/N	1	Fair	EM	Good	Planted specimen within area of green space. Exposed roots with mower damage bark wounds on main stem. Past pruning to raise crown. Epicormic shoots noted		Fell	20+	B1
T69*	Hawthorn (<i>Crataegus monogyna</i>)	5	150,150,100,100	3	3	3	3	0.5/W	1.5	Good	M	Fair	Situated within strip of land between car park and boundary fence. Multiple branches in contact with fence. Past pruning to raise crown			10+	C1
T70	Common Oak (<i>Quercus robur</i>)	12	500#	7	7	7	7	4.0/W	3.5	Good	EM	Good	Situated beyond boundary fence on steep embankment. Unable to access base. Past pruning to raise crown with branch stubs			20+	B1
T71	Hornbeam (<i>Carpinus betulus</i>)	5	150	2	2	2	2	1.5/W	1.5	Poor	SM	Good	Planted specimen within car park, leaf necrosis and significant die back noted likely drought damage		Fell	<10	U1
T72	Silver Birch (<i>Betula pendula</i>)	12	290	2.5	2.5	2.5	2.5	4.0/N	2	Good	EM	Good	Planted specimen within lawn area. past pruning to raise crown		Fell	20+	B1
T73	Silver Birch (<i>Betula pendula</i>)	11	260	3.5	3.5	3.5	3.5	1.0/W	1	Good	EM	Good	Planted specimen within lawn area. past pruning to raise crown		Fell	20+	B1
T74	Cherry (<i>Prunus sp</i>)	4	155	2	2	2	2	n/a	n/a	Good	SM	Good	Planted specimen within boarder. appears grafted		Fell	10+	C1
T75*	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	3.5	150,150,120,100	1.5	1.5	1.5	1.5	0.5/S	1	Fair	EM	Fair	Multi stemmed from 0.5m. partially suppressed to the east		Fell	10+	C1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T76	Common Oak (<i>Quercus robur</i>)	11	500	7	7	7	7	3.0/S		Good	M	Good	Situated beyond boundary fence within verge between pavement and carriageway. Dense ivy cover obscures main stem. Large diameter dead branches noted in crown.	Remove dead branches from above pavement (< 1 month)		20+	B1
T77*	Common Oak (<i>Quercus robur</i>)	6	250,250,200,200	5	5	5	5	0.5/W	1.5	Good	EM	Fair	Multi stemmed from 0.5m. situated within strip of land between car park and boundary fence. Multiple branches in contact with fence. Past pruning to raise crown			10+	C1
T78	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	13	370	1.5	1.5	1.5	1.5		1.5	Good	EM	Good	Hard standing within 1m of base. Nesting material within crown		Fell	20+	B1
G79	Elder (<i>Sambucus nigra</i>), English Elm (<i>Ulmus procera</i>)	3	150	2	2	2	2	n/a	n/a	Poor	EM	Poor	Self-seeded tree group situated beyond boundary fence. Several failed trees and dense undergrowth throughout			<10	U2
G80	Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>), Field Maple (<i>Acer campestre</i>), Blackthorn (<i>Prunus spinosa</i>)	6	300	3	3	3	3	n/a	n/a	Fair	M	Fair	Old hedge line situated on raised ground. Situated beyond boundary fence within verge between pavement and carriageway. Outgrown forms. Gaps present within group. Dense ivy cover obscures stems			10+	C2
G81	Ash (<i>Fraxinus excelsior</i>)	5	160	2	2	2	2	n/a	n/a	Fair	SM	Good	Linear group of 12 trees planted within car park, bark wounds on stem likely rabbit damage guards now installed, planted within poor soil			10+	C2
G82	English Elm (<i>Ulmus procera</i>)	5	200	2	2	2	2	n/a	n/a	Poor	SM	Poor	Situated beyond boundary fence. Likely self-seeded. Several failed and dead trees noted. Dutch elm disease likely present			<10	U2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T83	Silver Maple (<i>Acer saccharinum</i>)	14	490	4	4	4	4	2.0/N	2	Good	EM	Fair	Planted specimen within 4x3 raised planting pit. has outgrown available rooting area. exposed roots and damage to pit		Fell	10+	C1
T84	Ash (<i>Fraxinus excelsior</i>)	4	130	1.5	1.5	1.5	1.5	1.5/W	1.5	Fair	SM	Good	Planted specimen within car park, die back noted likely drought damage			10+	C1
T85	Ash (<i>Fraxinus excelsior</i>)	4	130	1.5	1.5	1.5	1.5	1.5/W	1.5	Fair	SM	Good	Planted specimen within car park, die back noted likely drought damage			10+	C1
G86	Silver Birch (<i>Betula pendula</i>)	9	330	4.5	4.5	4.5	4.5	n/a	n/a	Good	EM	Good	Group of 4 trees within raised grassed area. past pruning to raise crown			20+	B2
T87*	Sessile Oak (<i>Quercus petraea</i>)	3.5	115	1	1	1	1		1.5	Good	Y	Good	Recently planted on grassed embankment		Fell	10+	C1
G88	Hornbeam (<i>Carpinus betulus</i>)	1	50	0.5	0.5	0.5	0.5	n/a	n/a	Good	SM	Good	Maintained hedge, recently planted		Fell in part as per Tree Protection Plan	10+	C2
T89	Silver Birch (<i>Betula pendula</i>)	7	280	4	4	4	4	1.0/W	1.5	Good	EM	Good	Secondary leader develops at 1m to west apparent sound union. Past pruning to raise crown		Fell	20+	B1
G90	Hornbeam (<i>Carpinus betulus</i>)	1	50	0.5	0.5	0.5	0.5	n/a	n/a	Good	SM	Good	Maintained hedge, recently planted		Fell	10+	C2
T91	Ash (<i>Fraxinus excelsior</i>)	5	160	2	2	2	2	1.5/W	1.5	Fair	SM	Good	Planted specimen within car park, die back noted likely drought damage			10+	C1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
G92	Ash (<i>Fraxinus excelsior</i>)	4	155	2	2	2	2	n/a	n/a	Fair	SM	Good	Linear group of 10 trees within car park. die back noted likely drought damage		Fell in part as per Tree Protection Plan	10+	C2
T93	Common Oak (<i>Quercus robur</i>)	16	1000	7	7	7	7	4.0/N	2.5	Good	M	Good	Situated within planting pit 1.5m below surrounding ground level. hard standing within 2m of stem on all sides. Footpath to easy within 1m but bridged over rooting area. Past pruning with multiple small diameter pruning wounds. Small diameter branch socket cavities. Possibly past storm damage, most pruned back to suitable growth point. Bark wound at base historic			40+	A1
H94	Hornbeam (<i>Carpinus betulus</i>)	1	50	0.5	0.5	0.5	0.5	n/a	n/a	Good	SM	Good	Maintained hedge, recently planted			10+	C2
T95	Common Oak (<i>Quercus robur</i>)	4	155	2	2	2	2		1	Fair	SM	Good	Planted specimen on embankment. Past pruning to raise crown with epicormic shoots developing from pruning wounds. Minor die back of crown with small diameter dead branches noted		Fell	10+	C1
G96	Silver Birch (<i>Betula pendula Youngii</i>)	3.5	200	2	2	2	2	n/a	n/a	Good	SM	Fair	Two trees planted on embankment. Both multi stemmed from base with apparent weak unions between stems			10+	C2
T97	Sycamore (<i>Acer pseudoplatanus</i>)	10	375	5	5	5	5	2.0/NE	2.5	Good	EM	Good	Planted specimen between buildings. Early to drop leaves but no visible defects or pathogens		Fell	20+	B1
H98	Hornbeam (<i>Carpinus betulus</i>)	1	50	0.5	0.5	0.5	0.5	n/a	n/a	Good	SM	Good	Maintained hedge, recently planted			10+	C2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
G99	Ash (<i>Fraxinus excelsior</i>)	3.5	145	2	2	2	2	n/a	n/a	Fair	SM	Good	Planted group of 7 trees within car park. Die back evident likely drought damage			10+	C2
G100	Common Oak (<i>Quercus robur</i>), Wild Cherry (<i>Prunus avium</i>), Ash (<i>Fraxinus excelsior</i>), Goat Willow (<i>Salix caprea</i>)	5	120	2.5	2.5	2.5	2.5	n/a	n/a	Good	SM	Good	Buffer planting around edge of car park. Uniform age. Occasional dead trees noted and gaps within group. Moderate landscape and screening value			20+	B2
T101	Ash (<i>Fraxinus excelsior</i>)	3.5	115	1.5	1.5	1.5	1.5	n/a	1.5	Fair	SM	Good	Planted specimen within car park. die back likely drought damage			10+	C1
T102	Common Oak (<i>Quercus robur</i>)	4	185	2	2	2	2	1.5/W	1.5	Good	SM	Fair	Planted specimen on embankment. Past pruning to raise crown. Appears to have previously lost main leader at 4m			10+	C1
G103	Raywood ash (<i>Fraxinus angustifolia</i> Raywood)	4	140	2	2	2	2	n/a	n/a	Good	SM	Good	Linear group of 9 trees within car park. Poor sandy soil. Occasional bark wounds likely rabbit damage. Species typically forms weak forks.			10+	C2
T104	Field Maple (<i>Acer campestre</i>)	3.5	110	2	2	2	2	0.5/N	1	Good	SM	Good	Planted specimen on embankment. Multi stemmed from 1m			10+	C1
T105	Common Oak (<i>Quercus robur</i>)	16	1400	10	10	10	10	3.5/S	3	Good	M	Good	Very large tree situated within centre of car park area. Several large diameter pruning wounds noted on main stem around 4m likely past crown lifting. Recently lost a large limb to east at 4m tear out wound on main stem and decay evident within centre of failed branch. Some crown retrenchment noted with small diameter dead branches, large branch socket cavity at 3.5m southern aspect extent unclear. Fibre buckling noted	Climbing inspection to assess branch socket cavity with an endoscope to determine extent of hollowing (< 1 month) If climbing inspection inconclusive: Resistograph assessment of		40+	A1

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
													on main stem southern aspect beneath large limb.	main stem at point of fibre buckling to assess structural integrity of main stem (< 1 month)			
G106	Wild Cherry (<i>Prunus avium</i>)	5	200	3	3	3	3	n/a	n/a	Good	SM	Good	Linear group of 4 trees with uniform spacing			10+	C2
T107	Ash (<i>Fraxinus excelsior</i>)	3	90	1	1	1	1	n/a	1.5	Poor	SM	Good	Planted specimen within car park. Significant die back likely drought damage			<10	U1
T108	Unknown	4	110	0.5	0.5	0.5	0.5	n/a	n/a	Dead	SM	Dead	Standing dead tree	Fell tree (< 1 month)		<10	U1
T109	Ash (<i>Fraxinus excelsior</i>)	3.5	170	2	2	2	2	n/a	1.5	Fair	SM	Good	Planted specimen within car park. Minor die back likely drought damage			10+	C1
T110	Ash (<i>Fraxinus excelsior</i>)	3.5	105	1.5	1.5	1.5	1.5		1.5	Fair	SM	Good	Planted specimen within car park. Die back likely drought damage			10+	C1
T111	Common Oak (<i>Quercus robur</i>)	5	225	3	3	3	3	1.5/N	1	Good	SM	Good	Situated within pebbled area. Past pruning to raise crown			20+	B1
G112	Field Maple (<i>Acer campestre</i>), Common Oak (<i>Quercus robur</i>)	4	150	2.5	2.5	2.5	2.5	n/a	n/a	Good	SM	Good	Small planted group of 4 trees. Two oak two maple. Low crown forms			10+	C2

Tree ID	Species	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (N)	Canopy Spread (S)	Canopy Spread (E)	Canopy Spread (W)	First Significant Branch (m)	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution	Category
T113	Cherry (<i>Prunus sp</i>)	3	50	1	1	1	1	n/a	n/a	Dead	SM	Dead	Memorial tree. Mostly dead no visible live growth	Remove and replace (< 12 month)		<10	U1
T114	Wild Cherry (<i>Prunus avium</i>)	5	220	3.5	3.5	3.5	3.5	2.0/W	1.5	Good	EM	Fair	Planted specimen. Significant bark wound at base likely rabbit damage		Fell	10+	C1
G115	Common Oak (<i>Quercus robur</i>), Wild Cherry (<i>Prunus avium</i>)	4	165	2.5	2.5	2.5	2.5	n/a	n/a	Fair	SM	Fair	Group of 13 recently planted trees within grass area. Several trees have suffered rabbit damage. Some past pruning to raise crowns. Five cherries			10+	C2
T116	Common Oak (<i>Quercus robur</i>)	6	245	3	3	3	3	n/a	n/a	Good	SM	Good	Situated between two storage containers. Past pruning to raise crown			20+	B1
T117	Wild Cherry (<i>Prunus avium</i>)	5.5	285	4	4	4	4	3.0/N	1.5	Good	EM	Fair	Planted specimen. large structural root has been cut 1m from base to east. Exposed roots. Past pruning to raise crown		Fell	10+	C1
T118	Wild Cherry (<i>Prunus avium</i>)	5.5	275	3.5	3.5	3.5	3.5	3.0/N	1.5	Good	EM	Fair	Planted specimen. Exposed roots with rabbit damage. Past pruning to raise crown		Fell	10+	C1
G119	Hybrid black poplar (<i>Populus x canadensis</i>), Hawthorn (<i>Crataegus monogyna</i>), Elder (<i>Sambucus nigra</i>)	25	500#	5	5	5	5	n/a	n/a	Good	EM	Good	Situated beyond boundary fence unable to access. Uneven spacing and occasional gaps within group. Early to drop leaves but no visible defects or pathogens, occasional small diameter dead branches noted			20+	B2
T120	Norway Maple (<i>Acer platanoides</i>)	8	375	5	5	5	5	2.0/W	1	Good	EM	Good	Forms part of a group of two trees with a mutual canopy, suppressed crown to west. Small diameter dead branches noted			20+	B1

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T121	Norway Maple (<i>Acer platanoides</i>)	6	370	4	4	4	4	2.0/N	1	Good	EM	Good	Forms part of a group of two trees. Forming a mutual canopy. Suppressed crown to west. Small diameter dead branches noted			20+	B1
T122	Norway Maple (<i>Acer platanoides</i>)	8	430	5	5	5	5	2.0/W	1.5	Good	EM	Good	Forms part of a group of two trees with a mutual canopy, suppressed crown to east. Small diameter dead branches noted			20+	B1
T123	Norway Maple (<i>Acer platanoides</i>)	6	370	4	4	4	4	2.0/N	1	Good	EM	Good	Forms part of a group of two trees. forming a mutual canopy. Suppressed crown to east. Small diameter dead branches noted			20+	B1
G124	Elder (<i>Sambucus nigra</i>), Ash (<i>Fraxinus excelsior</i>)	3	100	1	1	1	1	n/a	n/a	Fair	SM	Fair	Self-seeded trees around small building			10+	C2
G125	Ash (<i>Fraxinus excelsior</i>), Common Oak (<i>Quercus robur</i>), Sweet Chestnut (<i>Castanea sativa</i>), Sycamore (<i>Acer pseudoplatanus</i>)	10	300	4	4	4	4	n/a	n/a	Good	EM	Good	Buffer tree planting along railway, situated between boundary fences. Unable to gain access to stems. Provides moderate landscape and screening value			20+	B2
G126	Sycamore (<i>Acer pseudoplatanus</i>), Ash (<i>Fraxinus excelsior</i>), Hazel (<i>Corylus avellana</i>), Field Maple (<i>Acer campestre</i>)	8	150	3	3	3	3	n/a	n/a	Good	SM	Good	Buffer planting within boundary fence. Unable to access stems. Close spacing. Moderate screening value			20+	B2
G127	Ash (<i>Fraxinus excelsior</i>), Common Oak (<i>Quercus robur</i>), Wild Cherry (<i>Prunus avium</i>)	4	100	1.5	1.5	1.5	1.5	n/a	n/a	Good	SM	Good	Area of new tree planting on top of a raised mound. Stakes and ties still present. Rabbit damage noted on several trees			10+	C2

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