

APPENDICES

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Appendix A

Tree Characteristics Recorded During Survey

Tree Ref No:	Sequential reference number of trees or groups of trees. Avenues, woodlands and hedgerows were also recorded on the tree constraints plan. # - denotes inaccessible trees (best estimates are made about the location, physical dimensions and characteristics.)				
Species	Species listed by common name, with scientific names (<i>italic lettering</i>).				
Height (m)	Estimated height of canopy to nearest metre.				
Branch Spread	branch spread, taken as a minimum at the four cardinal points, to derive an accurate representation of the crown				
Stem diameter @ 1.5 m (m)	Estimated diameter of trunk at 1.5 m above ground level in metres unless otherwise indicated, multi-stemmed trees being measured in accordance with Annex C: BS5837:2012				
Existing height above ground level	To inform on ground clearance, crown/stem ratio and shading the estimated height of the first significant branch and direction of growth and canopy above ground level.				
Stem No.	Number of stems (if necessary) of individual tree.				
Life Stage	Expressed as:-	Y SM EM M	(Young) (Semi-mature) (Early mature) (Mature)	OM V D	(Over-mature) (Veteran) (Dead)
Physical Condition	Apparent condition expressed as the following categories, based upon a brief visual inspection from the ground only:-				Good Fair Poor Dead
Comments / Management Recommendations	General observations, particularly of structural and/or physiological condition (e.g. the presence of any decay and physical defect), and/or preliminary management recommendations and potential for wildlife habitats (not exhaustive).				
Estimated remaining contribution (years)	Estimated remaining contribution, in years (<10, 10+,20+,40+)				
Tree Quality Assessment Value: <u>Category</u>	Criteria grading with regards to Table 1: BS 5837:2012, expressed as:-	A (Trees/Vegetation of high quality and value) B (Vegetation of moderate quality and value) C (Trees/Vegetation of low quality and value) U* (Those 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)			
	* Category U trees can have existing or potential conservation value which might be desirable to preserve.				
Tree Quality Assessment Value: <u>Sub - Category</u>	Criteria grading with regards to Table 1: BS 5837:2012, expressed as:-	1 (Trees with mainly <i>arboricultural</i> value) 2 (Trees with mainly <i>landscape</i> value) 3 (Trees with mainly <i>cultural / conservation</i> value)			

APPENDICES

Appendix B

Tree Survey Schedule

TREE SURVEY SCHEDULE

Site: Imperial Park Substation, Dryffin Way, Newport, Wales, CF

Project Schedule Ref: 5457-RPS-XX-XX-SH-AR-91001

Drawing Reference: 5457-RPS-XX-XX-DR-AR-91001

Survey date: 18/06/2025 & 19/06/2025

Surveyor: C. Moore

Status: For Information

Revision: P01

Notes: -

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m ²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
*T1	Betula pendula (Silver Birch)	7	1	1	1	1	3	100	2	0	-	SM	Good	Not plotted on original survey, located in a shrub group.	10+	C1	1.7
*T2	Alnus glutinosa (Common Alder)	7	3.5	3.5	3.5	3.5	38	200	2	0	-	EM	Good	Not plotted on original survey, located in shrubs, multi stemmed with stem bifurcation below ground level, widespread crown.	10+	C1	3.4
*T3	Alnus glutinosa (Common Alder)	11	3.5	3.5	3.5	4	41	200	2	0	-	EM	Good	Not plotted on original survey, located in grassland, twin stemmed from base - recorded stem diameter denotes average at 1.5m.	10+	C1	3.4
*T4	Alnus glutinosa (Common Alder)	11	5	3.5	6	3	60	200	3	0	-	EM	Good	Not plotted on original survey, located in grassland, multi stemmed from base - recorded stem diameter denotes average at 1.5m.	10+	C1	4.2
*T5	Populus tremula (Aspen)	3	1.5	1.5	1.5	1.5	7	75	1	0	-	SM	Good	Not plotted on original survey, located in central reservation, multi stemmed from base - recorded stem diameter denotes average at 1.5m.	10+	C1	0.9
#T6	Alnus glutinosa (Common Alder)	8	1	1	1	1	3	100	1	0	-	EM	Good	Estimated values due to access, not plotted on original survey, located in shrubs.	10+	C1	1.2
#T7	Prunus avium (Wild Cherry)	7	5	5	5	5	79	200	1	0	-	M	Good	Estimated values due to access, not plotted on original survey, located in shrubs.	10+	C1	2.4
#T8	Fraxinus excelsior (Ash)	8	5	5	5	5	79	300	3	0	-	M	Good	Estimated values due to access, not plotted on original survey, located in shrub group, multi stemmed from base - recorded stem diameter denotes average at 1.5m.	20+	B1	6.2
#T9	Fraxinus excelsior (Ash)	12	3	3	3	3	28	350	1	2	-	EM	Fair	Estimated values due to access, not plotted on original survey, located in a shrub group adjacent to waterbody, early stages of ash dieback disease visible in the crown.	10+	C1	4.2
#T10	Quercus robur (Common Oak)	5	3.5	3.5	3.5	3.5	38	300	1	0	-	EM	Good	Estimated values due to access, not plotted on original survey, located in a shrub group adjacent to waterbody.	20+	B1	3.6

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- indicates estimated values. * - indicates off site tree.

TREE SURVEY SCHEDULE

Site: Imperial Park Substation, Dryffin Way, Newport, Wales, CF

Project Schedule Ref: 5457-RPS-XX-XX-SH-AR-91001

Drawing Reference: 5457-RPS-XX-XX-DR-AR-91001

Survey date: 18/06/2025 & 19/06/2025

Surveyor: C. Moore

Status: For Information

Revision: P01

Notes: -

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m ²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
#T11	Fraxinus excelsior (Ash)	13	4	2	5	4	42	350	2	5	-	M	Fair	Estimated values due to access, not plotted on original survey, located in a hedge, significant deadwood within the canopy potentially indicating ash dieback.	10+	C2	5.9
#T12	Quercus robur (Common Oak)	17	6	6	6	6	113	800	1	4	-	M	Good	Estimated values due to access, not plotted on original survey, located in hedge, dominating local area, widespread crown.	40+	A2	9.6
#T13	Fraxinus excelsior (Ash)	13	4	4	5	2	44	350	2	5	-	M	Fair	Estimated values due to access, not plotted on original survey, located in a hedge, significant deadwood within the canopy potentially indicating ash dieback.	10+	C2	5.9
#T14	Quercus robur (Common Oak)	6	2	5	2	0.5	14	200	1	4	-	SM	Fair	Estimated values due to access, not plotted on original survey, located in hedge, asymmetrical crown distribution due to neighbouring trees.	10+	C2	2.4
#T15	Fraxinus excelsior (Ash)	11	2.5	2.5	2.5	2.5	20	250	1	3	-	EM	Good	Estimated values due to access, not plotted on original survey, located in a shrub group.	10+	C1	3.0
#T16	Quercus robur (Common Oak)	13	6	6	6	6	113	550	1	4	-	M	Good	Estimated values due to access, not plotted on original survey, located in hedge, widespread crown.	20+	B2	6.6
#T17	Salix caprea (Goat Willow)	8	5	5	5	5	79	200	1	2	-	M	Good	Estimated values due to access, not plotted on original survey, located in a ditch, multi stemmed from base - recorded stem diameter denotes average at 1.5m.	10+	C1	2.4
#T18	Quercus robur (Common Oak)	13	7	7	7	7	154	450	3	4	-	M	Good	Estimated values due to access, not plotted on original survey, located in hedge, widespread crown, triple stemmed from base - recorded stem diameter denotes average at 1.5m.	20+	B2	9.4
#T19	Quercus robur (Common Oak)	13	5	8	5	9	143	350	2	4	-	M	Good	Estimated values due to access, not plotted on original survey, located in hedge, widespread crown.	20+	B2	5.9

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TREE SURVEY SCHEDULE

Site: Imperial Park Substation, Dryffn Way, Newport, Wales, CF

Surveyor: C. Moore

Project Schedule Ref: 5457-RPS-XX-XX-SH-AR-91001

Status: For Information

Drawing Reference: 5457-RPS-XX-XX-DR-AR-91001

Revision: P01

Survey date: 18/06/2025 & 19/06/2025

Notes: -

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m ²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
*G1	Salix caprea (Goat Willow);Crataegus monogyna (Hawthorn);Fraxinus excelsior (Ash)	3	See	plans	for	extents	-	100 (avg.)	-	0.5	-	EM	Good	Not plotted on original survey, offsite boundary group, recorded dimensions denote maximum of the group.	10+	C2	1.2
#G2	Prunus avium (Wild Cherry);Pinus sylvestris (Scots Pine)	8	See	plans	for	extents	-	300 (avg.)	-	2	-	EM	Good	Estimated values due to access, located in grassland, adjacent to access roads, recorded dimensions denote maximum of the group, extensive groundworks undertaken within close vicinity of group - potentially compromising rooting area.	10+	C2	3.6
*G3	Salix caprea (Goat Willow);Betula pendula (Silver Birch)	7	See	plans	for	extents	-	100 (avg.)	-	0	-	EM	Good	Not plotted on original survey, located in grassland, recorded dimensions denote maximum of the group.	10+	C2	1.2
#G4	Salix caprea (Goat Willow);Salix alba (White Willow);Populus tremula (Aspen);Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Alnus glutinosa (Common Alder)	10	See	plans	for	extents	-	200 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, located adjacent to the site, group comprised of several self seeded trees with a dense shrub group below, recorded dimensions denote maximum of the group.	10+	C2	2.4
#G5	Alnus glutinosa (Common Alder);Salix caprea (Goat Willow);Cornus sanguinea (Dogwood);Rosa cantina (Dog Rose);Rubus fruticosus (Bramble spp.)	10	See	plans	for	extents	-	300 (avg.)	-	0.5	-	EM	Good	Estimated values due to access, not plotted on original survey, boundary group, recorded dimensions denote maximum of the group.	20+	B2	3.6
*G6	Salix fragilis (Crack Willow);Salix caprea (Goat Willow);Alnus glutinosa (Common Alder)	8	See	plans	for	extents	-	150 (avg.)	-	0	-	EM	Good	Not plotted on original survey, group located upon roundabout, recorded dimensions denote maximum of the group.	10+	C2	1.8

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Survey date:	18/06/2025 & 19/06/2025	Notes:	-

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
#G7	Alnus glutinosa (Common Alder);Cornus sanguinea (Dogwood);Rosa cantina (Dog Rose);Rubus fruticosus (Bramble spp.);Quercus palustris (Pin Oak);Populus tremula (Aspen);Salix fragilis (Crack Willow)	15	See	plans	for	extents	-	350 (avg.)	-	0.5	-	EM	Good	Estimated values due to access, not plotted on original survey, boundary group, recorded dimensions denote maximum of the group.	20+	B2	4.2
#G8	Rosa canina (Dog Rose);Quercus robur (Common Oak);Rubus fruticosus (Bramble spp.);Salix fragilis (Crack Willow)	3	See	plans	for	extents	-	80 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs and small trees, recorded dimensions denote maximum of the group.	10+	C2	1.0
#G9	Salix fragilis (Crack Willow);Prunus avium (Wild Cherry);Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.)	8	See	plans	for	extents	-	100 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group comprised of shrubs and established trees, recorded dimensions denote maximum of the group.	10+	C2	1.2
#G10	Prunus avium (Wild Cherry);Fraxinus excelsior (Ash);Salix caprea (Goat Willow);Salix fragilis (Crack Willow);Cornus sanguinea (Dogwood);Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.)	7	See	plans	for	extents	-	150 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group comprised of several trees located in shrubs, recorded dimensions denote maximum of the group.	10+	C2	1.8

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			N	E	S	W											
#G11	Alnus glutinosa (Common Alder);Cornus sanguinea (Dogwood);Rosa cantina (Dog Rose);Rubus fruticosus (Bramble spp.);Populus tremula (Aspen);Salix fragilis (Crack Willow)	18	See	plans	for	extents	-	400 (avg.)	-	0.5	-	M	Good	Estimated values due to access, not plotted on original survey, boundary group, recorded dimensions denote maximum of the group.	20+	B2	4.8
#G12	Fraxinus excelsior (Ash);Acer pseudoplatanus (Sycamore)	8	See	plans	for	extents	-	100 (avg.)	-	1	-	EM	Good	Estimated values due to access, not plotted on original survey, group comprised of several trees in the same locality, recorded dimensions denote maximum of the group.	10+	C2	1.2
#G13	Castanea sativa (Sweet Chestnut);Corylus avellana (Hazel);Salix caprea (Goat Willow);Crataegus monogyna (Hawthorn)	10	See	plans	for	extents	-	300 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group comprised of individual trees with a dense shrub group below, recorded dimensions denote maximum measurements of the group.	10+	C2	3.6
#G14	Fraxinus excelsior (Ash)	13	See	plans	for	extents	-	150 (avg.)	-	5	-	M	Dead	Estimated values due to access, not plotted on original survey, located in a hedge, standing deadwood.	<10	U	1.8
#G15	Salix caprea (Goat Willow)	9	See	plans	for	extents	-	300 (avg.)	-	2	-	M	Good	Estimated values due to access, not plotted on original survey, located in a shrub group adjacent to waterbody, recorded dimensions denote maximum of the group.	10+	C2	3.6
#G16	Acer pseudoplatanus (Sycamore);Salix caprea (Goat Willow);Quercus robur (Common Oak)	12	See	plans	for	extents	-	300 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, linear group, recorded dimensions denote maximum of the group.	20+	B2	3.6
#G17	Salix caprea (Goat Willow);Acer pseudoplatanus (Sycamore);Crataegus monogyna (Hawthorn)	9	See	plans	for	extents	-	100 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group located in grassland adjacent to waterbody.	10+	C2	1.2

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Notes: -

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m ²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
#G18	Salix caprea (Goat Willow);Salix fragilis (Crack Willow);Salix alba (White Willow)	12	See	plans	for	extends	-	300 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, large group, recorded dimensions denote maximum of the group.	10+	C2	3.6
#G19	Salix caprea (Goat Willow);Acer pseudoplatanus (Sycamore);Crataegus monogyna (Hawthorn)	9	See	plans	for	extends	-	100 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group located in grassland.	10+	C2	1.2
#G20	Salix fragilis (Crack Willow);Salix caprea (Goat Willow);Alnus glutinosa (Common Alder)	17	See	plans	for	extends	-	250 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, dense group, recorded dimensions denote maximum of the group.	10+	C2	3.0
#G21	Salix fragilis (Crack Willow);Salix caprea (Goat Willow);Alnus glutinosa (Common Alder)	8	See	plans	for	extends	-	300 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, dense group, recorded dimensions denote maximum of the group.	10+	C2	3.6
#G22	Salix fragilis (Crack Willow);Salix caprea (Goat Willow);Alnus glutinosa (Common Alder)	14	See	plans	for	extends	-	300 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, dense group, recorded dimensions denote maximum of the group.	10+	C2	3.6
#G23	Salix fragilis (Crack Willow);Salix caprea (Goat Willow);Alnus glutinosa (Common Alder)	18	See	plans	for	extends	-	400 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, dense group, recorded dimensions denote maximum of the group.	20+	B2	4.8
*H1	Prunus spinosa (Blackthorn);Salix fragilis (Crack Willow);Rubus fruticosus (Bramble spp.)	4	See	plans	for	extends	-	60 (avg.)	-	0	-	EM	Good	Not plotted on original survey, linear hedge with self seeded trees, recorded dimensions denote average of the hedge.	10+	C2	0.7

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			N	E	S	W											
#H2	Crataegus monogyna (Hawthorn);Salix caprea (Goat Willow);Prunus spinosa (Blackthorn);Fraxinus excelsior (Ash)	4	See	plans	for	extents	-	100 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, linear lapsed hedge comprised of several self seeded trees and unmaintained hedge plants, recorded dimensions denote average for the hedge.	10+	C2	1.2
#H3	Crataegus monogyna (Hawthorn);Salix caprea (Goat Willow);Prunus spinosa (Blackthorn);Fraxinus excelsior (Ash)	4	See	plans	for	extents	-	100 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, linear lapsed hedge comprised of several self seeded trees and unmaintained hedge plants, recorded dimensions denote average for the hedge.	10+	C2	1.2
#S1	Salix caprea (Goat Willow);Cornus sanguinea (Dogwood);Rubus fruticosus (Bramble spp.)	2	See	plans	for	extents	-	60 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, large broken shrub group with stems under 75mm diameter, recorded dimensions denote maximum of the group, comprised of self seeded shrubs.	-	-	-
#S2	Salix caprea (Goat Willow);Cornus sanguinea (Dogwood);Rubus fruticosus (Bramble spp.)	2	See	plans	for	extents	-	60 (avg.)	-	0	-	M	Good	Estimated values due to access, not plotted on original survey, large broken shrub group with stems under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S3	Rosa canina (Dog Rose);Quercus robur (Common Oak);Rubus fruticosus (Bramble spp.)	2.5	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs.	-	-	-
#S4	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	1.5	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs.	-	-	-

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Notes: -

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			N	E	S	W											
#S5	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	1.5	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs.	-	-	-
#S6	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	1.5	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs.	-	-	-
#S7	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	2	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs, recorded dimensions denote maximum of the group.	-	-	-
#S8	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	2	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S9	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	2	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S10	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	2	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs, recorded dimensions denote maximum of the group.	-	-	-

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- indicates estimated values. * - indicates off site tree.

TREE SURVEY SCHEDULE

Site: Imperial Park Substation, Dryffin Way, Newport, Wales, CF

Project Schedule Ref: 5457-RPS-XX-XX-SH-AR-91001

Drawing Reference: 5457-RPS-XX-XX-DR-AR-91001

Survey date: 18/06/2025 & 19/06/2025

Surveyor: C. Moore

Status: For Information

Revision: P01

Notes: -

Ref. no	Species	Height (m)	Canopy Spread (m)				Crown Area (m ²)	Stem dia. (mm)	Stem no. at 1.5m	Height of crown clearance (m)	FSB Height (Direction)	Age class	Condition	General Observations Management Recommendations	Estimated remaining contribution (yrs)	Tree Quality Category (BS5837)	RPA Radius (m)
			N	E	S	W											
#S11	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	2	See	plans	for	extents	-	50 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S12	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Acer pseudoplatanus (Sycamore)	4	See	plans	for	extents	-	70 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, broken group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S13	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Salix fragilis (Crack Willow)	4	See	plans	for	extents	-	70 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S14	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Salix fragilis (Crack Willow)	2	See	plans	for	extents	-	70 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S15	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Salix fragilis (Crack Willow)	2	See	plans	for	extents	-	70 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-
#S16	Rosa canina (Dog Rose);Rubus fruticosus (Bramble spp.);Salix fragilis (Crack Willow)	5	See	plans	for	extents	-	70 (avg.)	-	0	-	EM	Good	Estimated values due to access, not plotted on original survey, group of shrubs and small trees under 75mm diameter, recorded dimensions denote maximum of the group.	-	-	-

Note: This survey is based on a brief visual inspection from the ground.
It is not intended as a full arboricultural inspection.
- indicates estimated values. * - indicates off site tree.

APPENDICES

Appendix C

Tree Constraints Plan



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Notes:

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Drawing Scale Bar (when drawing is printed to the correct sheet size)

0 20 40 60 80 100 120 140 160 180 200m

Key

- Development boundary.
- T1 Tree with numbered reference. Canopy spread and coloured BS5837:2012 tree quality category as shown below.
= Tree details estimate (inaccessible tree)
• = Tree in off site location.
- G1 Tree group plotted with individual stem locations and numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below.
- G1 Tree or Vegetation group with numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
- H1 Hedge with numbered reference. Canopy extents and coloured BS5837:2012 tree quality category as shown below and dashed line to show hedge centerline.
- W1 Woodland with numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative tree line.
- S1 Area of Scrub with numbered reference. Dashed line to show indicative stem line.

BS 5837:2012 Tree Quality Categories - Table 1

- Category A - High quality
- Category B - Moderate quality
- Category C - Low quality
- Category U - Unsuitable for retention

- Direction of first significant branch
- Root protection area (RPA) Calculated in accordance with Section 4.6 - BS5837:2012

NOTES:

- Refer to RPS Tree Survey Report & Schedule for further details.
- Survey based on a visual inspection from the ground and is not intended as a full arboricultural inspection.
- Plan produced in accordance with recommendations set out in BS 5837:2012 'Trees in Relation to design, demolition and construction'.
- Due to the legal protection afforded to breeding birds vegetation removal should not take place during the bird nesting period, generally, although not restricted to, March - August inclusive.
- Survey based upon topographic survey produced by Geo-Info LTD in June, 2023.

Rev	Revision description.	XX	XX	DD	MM	YY
Rev	Description	By	Ckd	Date		

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Client **SSE Energy**

Project **Imperial Park Substation, Dryfin Lane, Newport, Wales**

Title **Tree Constraints Plan (Sheet 1 of 4)**

Status	Scale	Date Created
P01	1:500 @A0	June 2025
Task Team	Information	Task Information
Manager	Author	Manager
LR	CMJM	DC

Document Number

5457-RPS-XX-XX-DR-AR-91001

Project Code - Originator - Zone - Level - Type - Role - Drawing Number

RPS Project Number	Suitability	Revision
794-PLN-LAN-5457	S03	01

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Drawing Scale Bar (unless drawing is printed to the correct sheet size)

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0 10 20 30 40 50 60 70 80 90 100

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Project Imperial Park Substation, Dryfin Lane, Newport, Wales

Title Tree Constraints Plan (Sheet 2 of 4)

Status P01

Task Team Manager LR

Document Number 5457-RPS-XX-XX-DR-AR-91001

Scale 1:500 @A0

Information Author CMJM

RPS Project Number 794-PLN-LAN-5457

Date Created June 2025

Task Information Manager DC

Suitability S03

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Drawing Scale Bar (when drawing is printed to the correct sheet size)

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Project **Imperial Park Substation, Dryfin Lane, Newport, Wales**

Title **Tree Constraints Plan (Sheet 3 of 4)**

Status **P01** Scale **1:500 @A0** Date Created **June 2025**

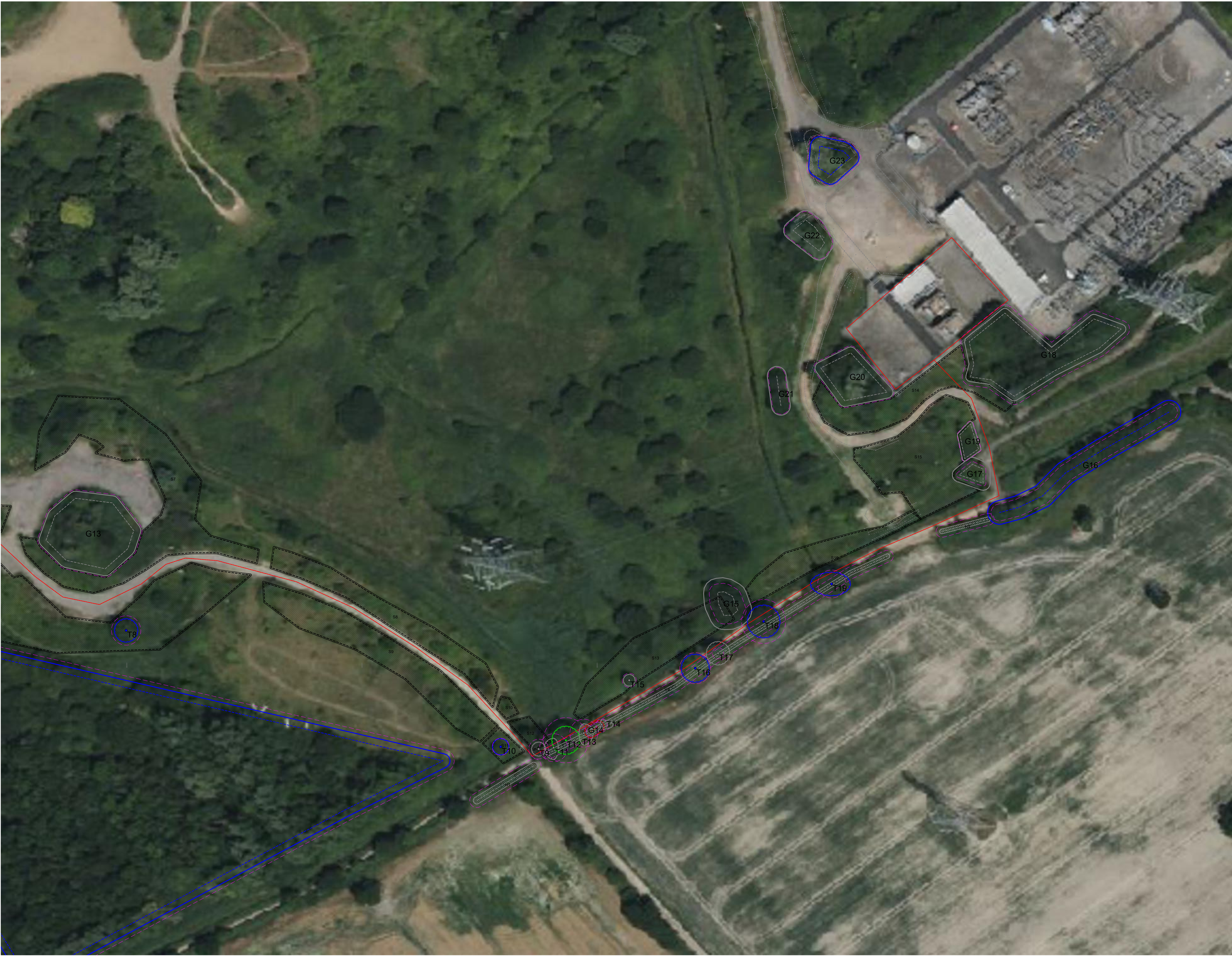
Task Team **LR** Information **CMJM** Task Information Manager **DC**

Document Number **5457-RPS-XX-XX-DR-AR-91001**

Project Code - Originator - Zone - Level - Type - Role - Drawing Number

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Description

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Title **Tree Constraints Plan (Sheet 4 of 4)**

Status **P01** Scale **1:500 @A0** Date Created **June 2025**

Task Team **LR** Information **CMJM** Task Information **DC**

Document Number **5457-RPS-XX-XX-DR-AR-91001**

Project Code - Originator - Zone - Level - Type - Role - Drawing Number

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