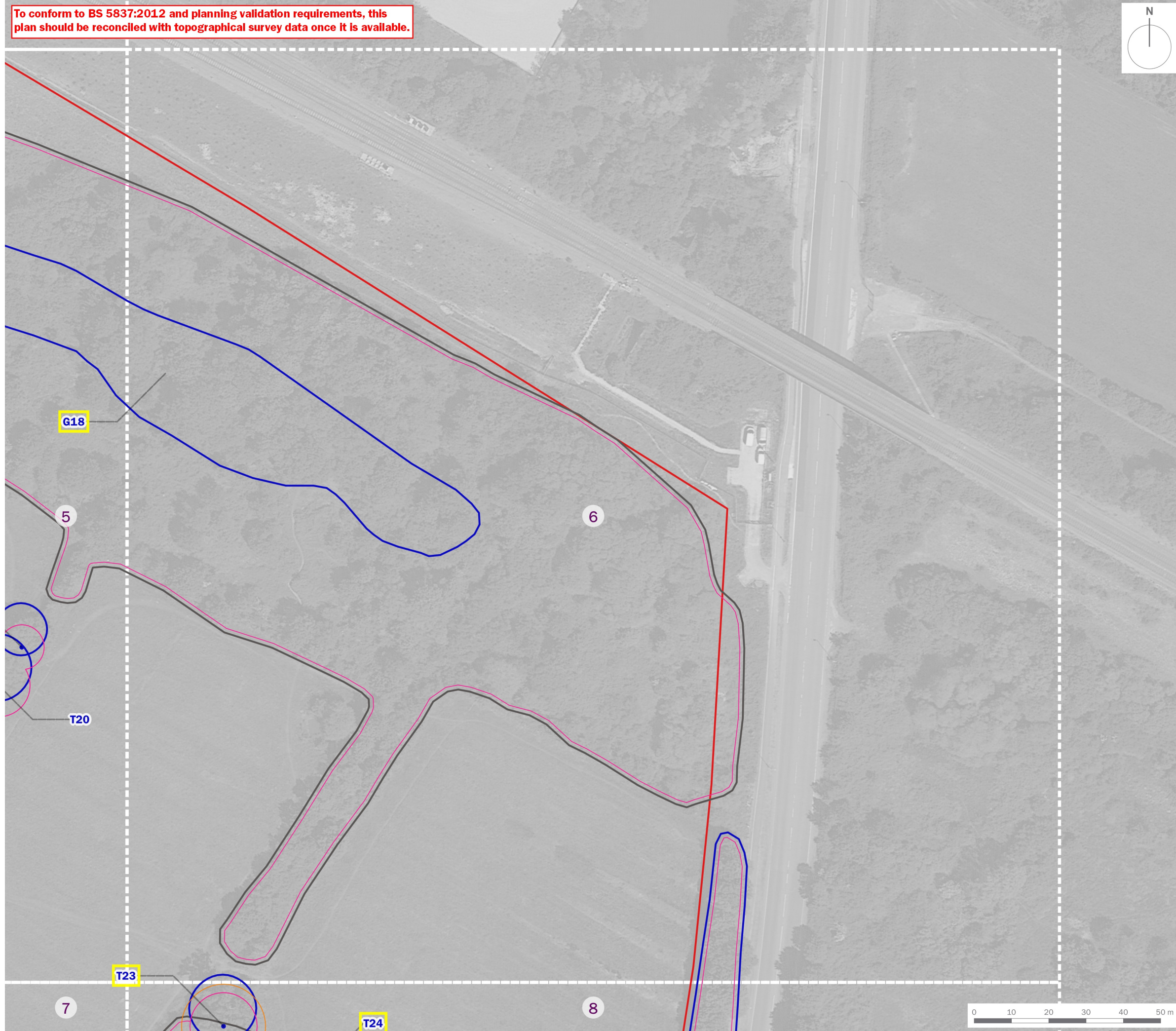
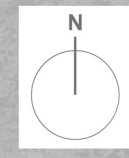

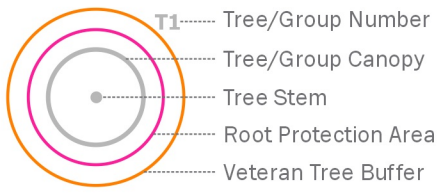







To conform to BS 5837:2012 and planning validation requirements, this plan should be reconciled with topographical survey data once it is available.



-  Site Boundary
- 
-  Category A: Trees of high quality and value
-  Category B: Trees of moderate quality and value
-  Category C: Trees of low quality and value
-  Category U: Trees of poor quality and value
-  TPO Trees



client
L&Q Estates

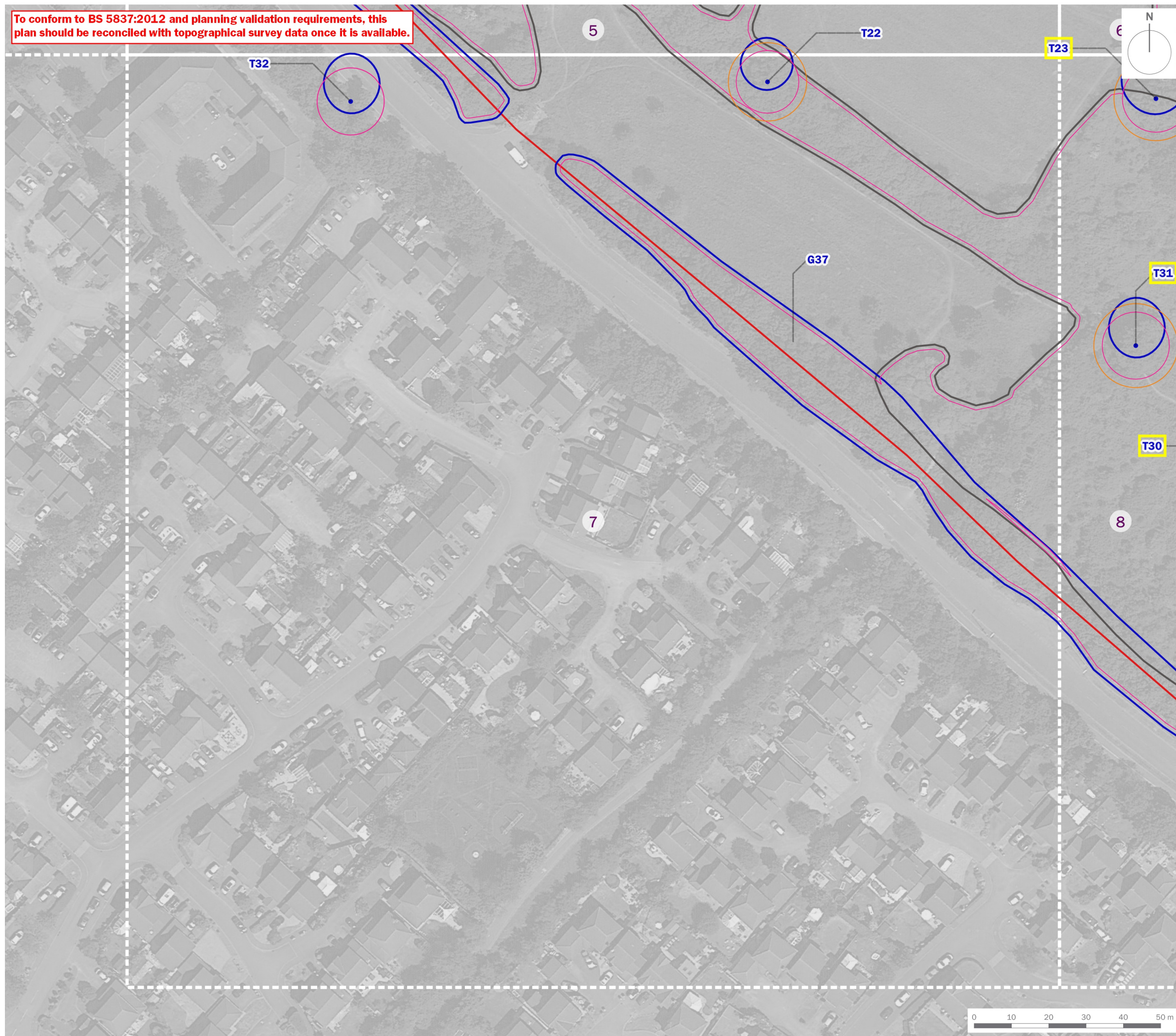
project title
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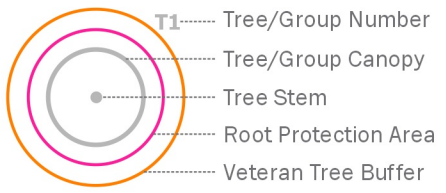





drawing title
Tree Constraints Plan (Sheet 6 of 8)

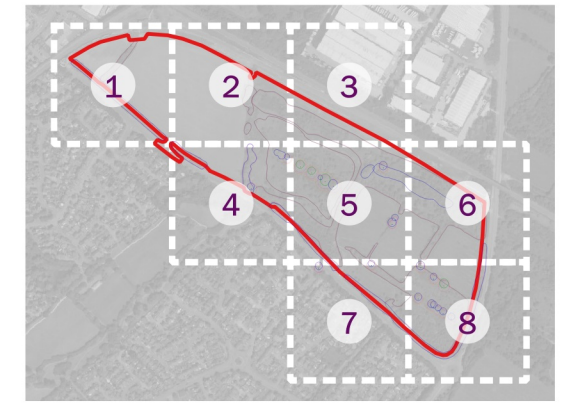
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drawing number	edp0124_d131b	checked	LT
scale	1:1,000 @ A3	QA	RB



To conform to BS 5837:2012 and planning validation requirements, this plan should be reconciled with topographical survey data once it is available.



-  Site Boundary
- 
-  Category A: Trees of high quality and value
-  Category B: Trees of moderate quality and value
-  Category C: Trees of low quality and value
-  Category U: Trees of poor quality and value
-  TPO Trees



client
L&Q Estates

project title
Gavray Drive

drawing title
Tree Constraints Plan (Sheet 7 of 8)

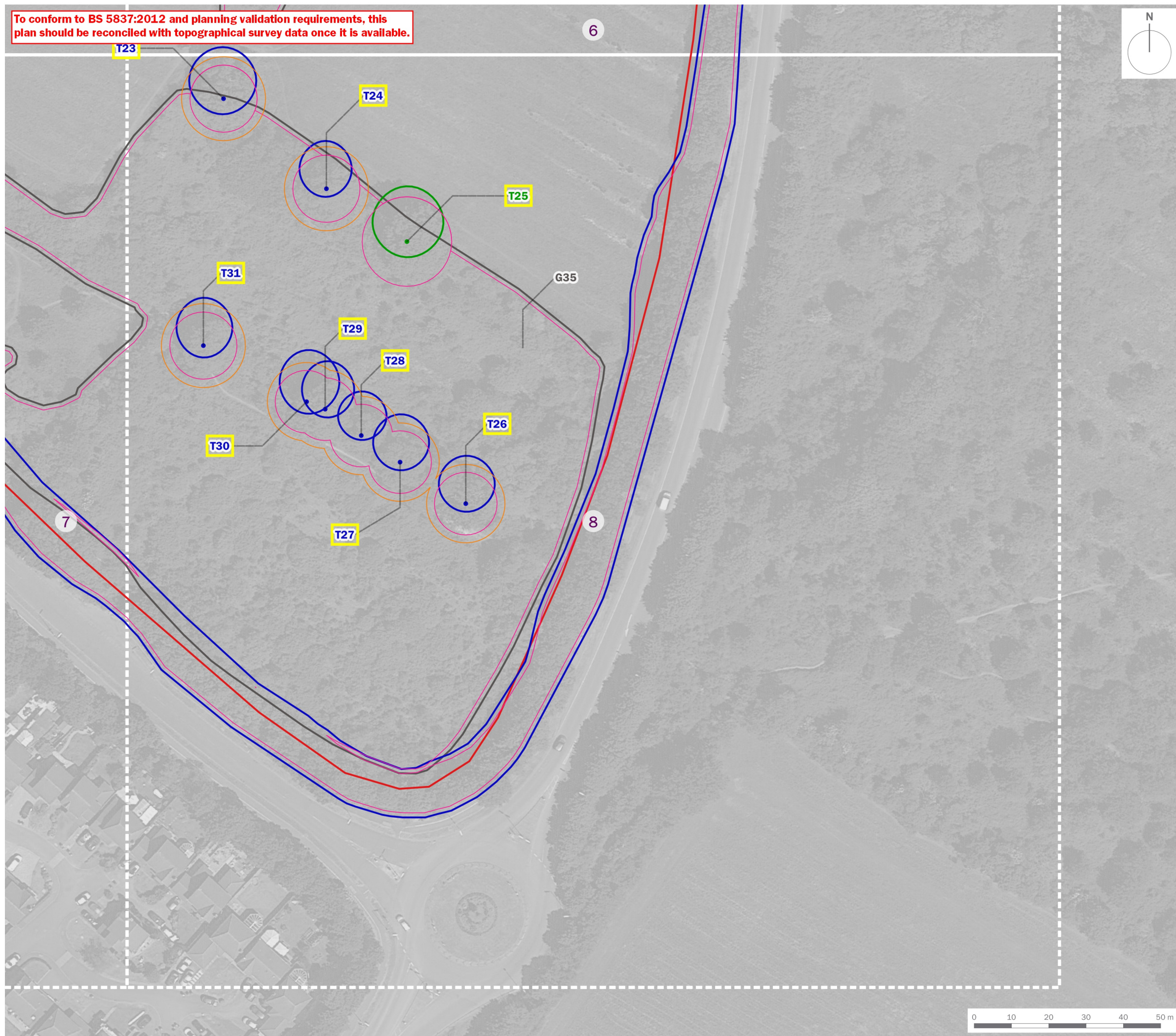
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drawing number	edp0124_d131b	checked	LT
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To conform to BS 5837:2012 and planning validation requirements, this plan should be reconciled with topographical survey data once it is available.



Site Boundary

T1 Tree/Group Number
 Tree/Group Canopy
 Tree Stem
 Root Protection Area
 Veteran Tree Buffer

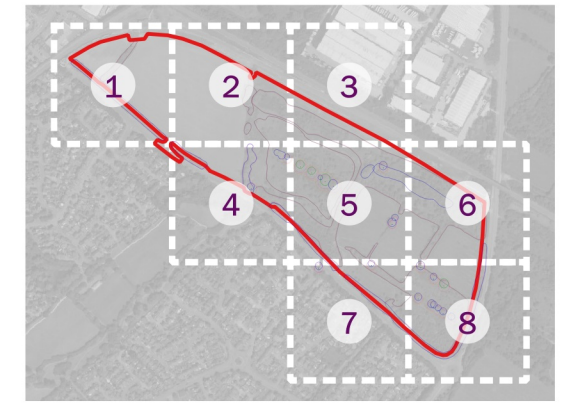
Category A: Trees of high quality and value

Category B: Trees of moderate quality and value

Category C: Trees of low quality and value

Category U: Trees of poor quality and value

TPO Trees



client
L&Q Estates

project title
Gavray Drive

drawing title
Tree Constraints Plan (Sheet 8 of 8)

date	15 JULY 2021	drawn by	JTF
drawing number	edp0124_d131b	checked	LT
scale	1:1,000 @ A3	QA	RB



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Annex EDP 2
Schedule EDP 1
 Tree Survey Key and Schedule

Sequential Reference Number	<p>T - Individual specimen;</p> <p>G - Group of trees that form cohesive arboricultural features either aerodynamically, visually or culturally;</p> <p>H - Linear group of specimens that form a hedge or boundary; and</p> <p>W - A larger group or area of trees that should be regarded as a single woodland unit.</p>
Species	Scientific names and common English names provide, the latter are used wherever possible for simplicity.
Height	An approximation of height (in metres) is provided for the highest point of the tree.
Stem Diameter	This is the measurement of stem diameter in millimetres taken in accordance with Annex C of BS 5837:2012 (# is used if estimated).
Branch Spread	This is taken at four cardinal points, with a stated value in metres to enable an accurate representation of the crown, as shown on Plan EDP 1 .
Canopy Clearance Above Ground Level	An approximation of height (in metres) of crown clearance above adjacent ground level.
Life Stage	<p>There are five classes to which trees are assigned:</p> <p>Young;</p> <p>Early Mature;</p> <p>Mature;</p> <p>Over Mature; and</p> <p>Veteran.</p>
Physiological Condition	<p>An indication of the tree's physiological condition is represented and classed as good, fair, poor or dead, this is informed by the following:</p> <p>Canopy density: It should be taken that, unless otherwise stated with each individual entry, the canopy density of the trees is typical of the species; and</p> <p>Leaf size and colouration: It should be taken that, unless otherwise stated with each individual entry, leaf size and colouration is typical of the species.</p>



Structural Condition	<p>An indication of the tree's structural condition is represented and classed as good, fair, poor or dead.</p> <p>This is informed by “the presence of any decay and physical defect³”.</p>
Comments/Notes	<p>Observations on structural or physiological condition, historic pruning, any Site-specific constraints etc. noted at the time the survey is undertaken.</p>
Recommendations (and Tree Work Priority)	<p>These are made on the basis of optimising the life expectancy of site trees, given their current situation and that which may result from the development proposals. The survey process pays particular attention to implications for life and/or property; defects recorded under the structural condition have the necessary mitigation measures proposed within this section of the schedule.</p> <p>Priority codes from 1 to 3 have been given for trees requiring work. The definition of the codes used is as follows:</p> <p>Priority 1: Work that should be undertaken urgently due to the identification of a potential hazard;</p> <p>Priority 2: Work that should be undertaken prior to any demolition or construction works commencing on Site; and</p> <p>Priority 3: Work that should be undertaken following the completion of the development.</p>
Estimated Remaining Contribution	<p>The definitions of the terms used are as follows and describe the estimated length of time (in years) over which the tree can be expected to make a safe contribution to local amenity:</p> <p>Less than 10;</p> <p>10+;</p> <p>20+; and</p> <p>40+.</p>
Category Grading	<p>Trees have been assigned either U or category grading A to C in accordance with the cascade chart given in BS 5837:2012.</p>
Root Protection Radius	<p>Measurement (in m) based on the stem diameter and calculated in accordance with BS 5837:2012.</p>

³ BS 5837:2012 Section 4.4.2.5

Client:	L&Q Estates Ltd	Site:	EDP0124 - Gavray Drive, Bicester
Date of Survey:	27/03/2020	Consultant:	Luke Tambllyn
Tagged:	N/A	Weather:	Overcast

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
G1	Blackthorn (Prunus spinosa); Field maple (Acer campestre); Ash sp. (Fraxinus sp.)	10	# 200	3	3	3	3	0	Mature	Fair	Fair	Landscape buffer planting	No Work Recommended	20+	B1;2	2.4
G2	Blackthorn (Prunus spinosa); Common ash (Fraxinus excelsior); Field maple (Acer campestre)	10	# 200	3	3	3	3	0	Mature	Fair	Fair	Landscape buffer planting	No Work Recommended	20+	B1;2	2.4
H3	Blackthorn (Prunus spinosa); English elm (Ulmus procera)	7	# 160	3	3	3	3	0	Mature	Fair	Fair	Unmanged out grown hedge with DED	No Work Recommended	10+	C1	1.92
T4	Ash sp. (Fraxinus sp.)	17	# 960	8	7	7	8	0	Mature	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted	No Work Recommended	20+	B1;2	11.52
G5	Oak sp. (Quercus sp.); Willow sp. (Salix sp.)	15	# 400	4	4	4	4	0	Mature	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured	No Work Recommended	20+	B1;2	4.8
G6	Field maple (Acer campestre); Willow sp. (Salix sp.)	11	# 300	4	4	4	4	0	Mature	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured	No Work Recommended	10+	C1	3.6
G7	Oak sp. (Quercus sp.); Willow sp. (Salix sp.)	10	# 300	4	4	4	4	0	Mature	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured	No Work Recommended	10+	C1	3.6
G8	Willow sp. (Salix sp.)	16	# 450	7	7	7	7	0	Mature	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured	No Work Recommended	20+	B1;2	5.4
T9	Oak sp. (Quercus sp.)	14	# 700	6	5	6	6	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Decay - Open cavity / cavities; Decay - Suspected; Deadwood - Major	No Work Recommended	20+	B1;2	8.4
T10	Oak sp. (Quercus sp.)	17	# 1000	9	8	8	9	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Hazard beam crack; Hollow trunk - Suspected; Woodpecker holes; Deadwood - Major; Habitat - High value	No Work Recommended	40+	A1;2	12
T11	Oak sp. (Quercus sp.)	16	# 1000	8	8	8	8	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Hollow trunk - Suspected; Woodpecker holes; Habitat - High value	No Work Recommended	40+	A1;2	12
T12	Oak sp. (Quercus sp.)	14	# 700	4	3	6	6	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Hollow trunk - Suspected; Habitat - High value	No Work Recommended	20+	B1;2;3	8.4
T13	Oak sp. (Quercus sp.)	17	# 1350	12	11	13	10	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Hazard beam crack; Woodpecker holes; Deadwood - Major; Habitat - High value	No Work Recommended	40+	A1;2;3	15
T14	Oak sp. (Quercus sp.)	17	# 1150	10	9	12	10	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured; Root environment - Restricted; Fungal fruiting body - Parasitic; Hazard beam crack; Woodpecker holes; Habitat - High value	No Work Recommended	20+	B1;2;3	13.8
G15	Common ash (Fraxinus excelsior)	17	# 650	7	7	7	7	0	Mature	Fair	Fair	Access to inspect base - Restricted / obscured	No Work Recommended	20+	B1;2	7.8
T16	Oak sp. (Quercus sp.)	14	# 750	9	8	9	9	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Restricted / obscured; Root environment - Restricted; Hazard beam crack; Woodpecker holes; Deadwood - Major; Habitat - High value	No Work Recommended	20+	B1;2;3	9
G17	Blackthorn (Prunus spinosa); Oak sp. (Quercus sp.); Hawthorn sp. (Crataegus sp.)	6	# 130	2	2	2	2	0	Young	Fair	Fair	Access to inspect base - Restricted / obscured; Large area of self set trees, predominantly oak	No Work Recommended	10+	C1;2	1.56

Sequential Reference Number -T - Individual specimen; G - Group, Trees that form cohesive arboricultural features either aerodynamically, visually or culturally; H - Linear group of specimens that form a hedge or boundary; W - A larger group or area of trees that should be regarded as a single woodland unit.
Species -Common English names are used wherever possible for simplicity.
Height -An approximation of height (in metres) is provided for the highest point of the tree.
Stem Diameter -This is the measurement of stem diameter in millimetres taken in accordance with Annex C of BS5837:2012.
Branch Spread -This is taken at four cardinal points, with a stated value in metres to enable an accurate representation of the crown, as shown on Plan EDP 1.
First Significant Branch -Height of first significant branch and direction of growth e.g. 2.4 N, measured from adjacent ground level.
Existing Height Above Ground Level -An approximation of height (in metres) of crown clearance above adjacent ground level.

Life Stage -There are five classes to which trees are assigned: Young; Early Mature; Mature; Over Mature; Veteran.
Physiological Condition -An indication of the tree's physiological condition is represented and classed as good, fair, poor or dead, this is informed by the following: Canopy Density: It should be taken that, unless otherwise stated with each individual entry, the canopy density of the trees is typical of the species; and Leaf Size and Colouration: It should be taken that, unless otherwise stated with each individual entry, leaf size and colouration is typical of the species.
Structural Condition -Additional notes are provided giving details of the tree's structural condition. This is informed by "the presence of any decay and physical defect".
Preliminary Management Recommendations -These are made on the basis of optimising the life expectancy of site trees, given their current situation and that which may result from the development proposals. The survey process pays particular attention to implications for life and/or property; defects recorded under the structural condition have the necessary mitigation measures proposed within this section of the schedule.

Estimated Remaining Contribution -The definitions of the terms used are as follows and describe the estimated length of time (in years) over which the tree can be expected to make a safe contribution to local amenity: Less than 10; 10+; 20+; and 40+.
Category Grading -Trees have been assigned 'U' or Category Grading 'A' to 'C' in accordance with the Cascade Chart given in BS5837:2012.
Tree Works Priority Codes -Priority codes from 1 to 3 have been given for trees requiring work. The definition of the codes used is as follows: Priority 1: Work that should be undertaken urgently due to the identification of a potential hazard; Priority 2: Work that should be undertaken prior to any works commencing on site; and Priority 3: Work that should be undertaken following the completion of the development.

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
G18	Oak sp. (Quercus sp.); Ash sp. (Fraxinus sp.)	16	# 550	6	6	6	6	0	Mature	Fair	Fair	Access to inspect base - Restricted / obscured	No Work Recommended	20+	B1;2	6.6
T19	Oak sp. (Quercus sp.)	10	# 500	7	7	7	7	0	Mature	Fair	Fair	Deadwood - Minor	No Work Recommended	20+	B1;2;3	6
T20	Oak sp. (Quercus sp.)	15	# 700	9	9	9	9	0	Mature	Fair	Fair	Deadwood - Minor	No Work Recommended	20+	B1;2;3	8.4
G21	Blackthorn (Prunus spinosa); Common ash (Fraxinus excelsior); Common hawthorn (Crataegus monogyna); English oak (Quercus robur); English elm (Ulmus procera); Willow sp. (Salix sp.)	6	# 150	3	3	3	3	0	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured; Large area of out grown field boundary and self set trees. Unmanged	No Work Recommended	10+	C1;2	1.8
T22	Oak sp. (Quercus sp.)	9	# 700	7	7	7	7	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Access to inspect base - Restricted / obscured	No Work Recommended	20+	B1;2;3	8.4
T23	Oak sp. (Quercus sp.)	16	# 750	9	9	9	9	0	Mature (Transitional Veteran)	Fair	Fair	Access to inspect base - Restricted / obscured; Hazard beam crack; Deadwood - Major; Transitional Veteran	No Work Recommended	20+	B1;2;3	9
T24	Oak sp. (Quercus sp.)	17	# 750	8	7	7	7	0	Mature (Transitional Veteran)	Fair	Fair	Access to inspect base - Restricted / obscured; Hazard beam crack; Deadwood - Major; Transitional Veteran	No Work Recommended	20+	B1;2;3	9
T25	Oak sp. (Quercus sp.)	18	# 1000	10	10	9	9	0	Mature	Fair	Fair	Access to inspect base - Restricted / obscured; Hazard beam crack; Woodpecker holes; Deadwood - Major	No Work Recommended	40+	A1;2;3	12
T26	Oak sp. (Quercus sp.)	15	# 700	8	8	7	7	0	Mature (Transitional Veteran)	Fair	Fair	Access to inspect base - Not possible; Root environment - Waterlogged; Deadwood - Major; Die-back - Upper crown; Transitional Veteran	No Work Recommended	20+	B1;2;3	8.4
T27	Oak sp. (Quercus sp.)	15	# 700	8	8	7	7	0	Mature (Transitional Veteran)	Fair	Fair	Access to inspect base - Not possible; Root environment - Waterlogged; Transitional Veteran	No Work Recommended	20+	B1;2;3	8.4
T28	Oak sp. (Quercus sp.)	13	# 700	7	7	6	6	0	Mature (Transitional Veteran)	Fair	Fair	Access to inspect base - Not possible; Root environment - Waterlogged; Transitional Veteran	No Work Recommended	20+	B1;2;3	8.4
T29	Oak sp. (Quercus sp.)	13	# 700	8	8	7	6	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Root environment - Waterlogged	No Work Recommended	20+	B1;2;3	8.4
T30	Oak sp. (Quercus sp.)	14	# 700	9	9	8	7	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible; Root environment - Waterlogged	No Work Recommended	20+	B1;2;3	8.4
T31	Oak sp. (Quercus sp.)	14	# 750	8	8	8	7	0	Mature (Veteran)	Fair	Fair	Access to inspect base - Not possible	No Work Recommended	20+	B1;2;3	9
T32	Oak sp. (Quercus sp.)	14	# 750	8	8	8	7	0	Mature	Fair	Fair	Access to inspect base - Not possible	No Work Recommended	20+	B1;2;3	9
G33	Blackthorn (Prunus spinosa); Common ash (Fraxinus excelsior); Common hawthorn (Crataegus monogyna); English oak (Quercus robur); English elm (Ulmus procera); Willow sp. (Salix sp.)	6	# 150	3	3	3	3	0	Early Mature	Fair	Fair	Access to inspect base - Restricted / obscured; Large area of out grown field boundary and self set trees. Unmanged	No Work Recommended	10+	C1;2	1.8
G34	Blackthorn (Prunus spinosa); Common ash (Fraxinus excelsior); English oak (Quercus robur); Hornbeam sp. (Carpinus sp.)	9	# 230	4	4	4	4	0	Mature	Fair	Fair	Access to inspect base - Restricted / obscured; Highway planting / buffer planting	No Work Recommended	20+	B1;2	2.76

Sequential Reference Number -T - Individual specimen; G - Group, Trees that form cohesive arboricultural features either aerodynamically, visually or culturally; H - Linear group of specimens that form a hedge or boundary; W - A larger group or area of trees that should be regarded as a single woodland unit.
Species -Common English names are used wherever possible for simplicity.
Height -An approximation of height (in metres) is provided for the highest point of the tree.
Stem Diameter -This is the measurement of stem diameter in millimetres taken in accordance with Annex C of BS5837:2012.
Branch Spread -This is taken at four cardinal points, with a stated value in metres to enable an accurate representation of the crown, as shown on Plan EDP 1.
First Significant Branch -Height of first significant branch and direction of growth e.g. 2.4 N, measured from adjacent ground level.
Existing Height Above Ground Level -An approximation of height (in metres) of crown clearance above adjacent ground level.

Life Stage -There are five classes to which trees are assigned: Young; Early Mature; Mature; Over Mature; Veteran.
Physiological Condition -An indication of the tree's physiological condition is represented and classed as good, fair, poor or dead, this is informed by the following: Canopy Density: It should be taken that, unless otherwise stated with each individual entry, the canopy density of the trees is typical of the species; and Leaf Size and Colouration: It should be taken that, unless otherwise stated with each individual entry, leaf size and colouration is typical of the species.
Structural Condition -Additional notes are provided giving details of the tree's structural condition. This is informed by "the presence of any decay and physical defect".
Preliminary Management Recommendations -These are made on the basis of optimising the life expectancy of site trees, given their current situation and that which may result from the development proposals. The survey process pays particular attention to implications for life and/or property; defects recorded under the structural condition have the necessary mitigation measures proposed within this section of the schedule.

Estimated Remaining Contribution -The definitions of the terms used are as follows and describe the estimated length of time (in years) over which the tree can be expected to make a safe contribution to local amenity: Less than 10; 10+; 20+; and 40+.
Category Grading -Trees have been assigned 'U' or Category Grading 'A' to 'C' in accordance with the Cascade Chart given in BS5837:2012.
Tree Works Priority Codes -Priority codes from 1 to 3 have been given for trees requiring work. The definition of the codes used is as follows: Priority 1: Work that should be undertaken urgently due to the identification of a potential hazard; Priority 2: Work that should be undertaken prior to any works commencing on site; and Priority 3: Work that should be undertaken following the completion of the development.

Sequential Reference No.	Species	Height (m)	Stem Diameter (mm)	Branch Spread (m)				Canopy Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments / Notes	Recommendations (Priority)	Estimated Remaining Contribution (Years)	Category Grading	Root Protection Radius (m)
				North	East	South	West									
G35	Blackthorn (Prunus spinosa); Common ash (Fraxinus excelsior); Common hawthorn (Crataegus monogyna); English oak (Quercus robur); Field maple (Acer campestre); Hornbeam sp. (Carpinus sp.)	9	# 230	4	4	4	4	0	Mature	Fair	Fair	Access to inspect base - Restricted / obscured; Highway planting / buffer planting	No Work Recommended	20+	B1;2	2.76

Sequential Reference Number -T - Individual specimen; G - Group, Trees that form cohesive arboricultural features either aerodynamically, visually or culturally; H - Linear group of specimens that form a hedge or boundary; W - A larger group or area of trees that should be regarded as a single woodland unit.

Species -Common English names are used wherever possible for simplicity.

Height -An approximation of height (in metres) is provided for the highest point of the tree.

Stem Diameter -This is the measurement of stem diameter in millimetres taken in accordance with Annex C of BS5837:2012.

Branch Spread -This is taken at four cardinal points, with a stated value in metres to enable an accurate representation of the crown, as shown on Plan EDP 1.

First Significant Branch -Height of first significant branch and direction of growth e.g. 2.4 N, measured from adjacent ground level.

Existing Height Above Ground Level -An approximation of height (in metres) of crown clearance above adjacent ground level.

Life Stage -There are five classes to which trees are assigned: Young; Early Mature; Mature; Over Mature; Veteran.

Physiological Condition -An indication of the tree's physiological condition is represented and classed as good, fair, poor or dead, this is informed by the following: Canopy Density: It should be taken that, unless otherwise stated with each individual entry, the canopy density of the trees is typical of the species; and Leaf Size and Colouration: It should be taken that, unless otherwise stated with each individual entry, leaf size and colouration is typical of the species.

Structural Condition -Additional notes are provided giving details of the tree's structural condition. This is informed by "the presence of any decay and physical defect".

Preliminary Management Recommendations -These are made on the basis of optimising the life expectancy of site trees, given their current situation and that which may result from the development proposals. The survey process pays particular attention to implications for life and/or property; defects recorded under the structural condition have the necessary mitigation measures proposed within this section of the schedule.

Estimated Remaining Contribution -The definitions of the terms used are as follows and describe the estimated length of time (in years) over which the tree can be expected to make a safe contribution to local amenity: Less than 10; 10+; 20+; and 40+.

Category Grading -Trees have been assigned 'U' or Category Grading 'A' to 'C' in accordance with the Cascade Chart given in BS5837:2012.

Tree Works Priority Codes -Priority codes from 1 to 3 have been given for trees requiring work. The definition of the codes used is as follows: Priority 1: Work that should be undertaken urgently due to the identification of a potential hazard; Priority 2: Work that should be undertaken prior to any works commencing on site; and Priority 3: Work that should be undertaken following the completion of the development.

Annex EDP 3
Illustrative Summary of Survey Data

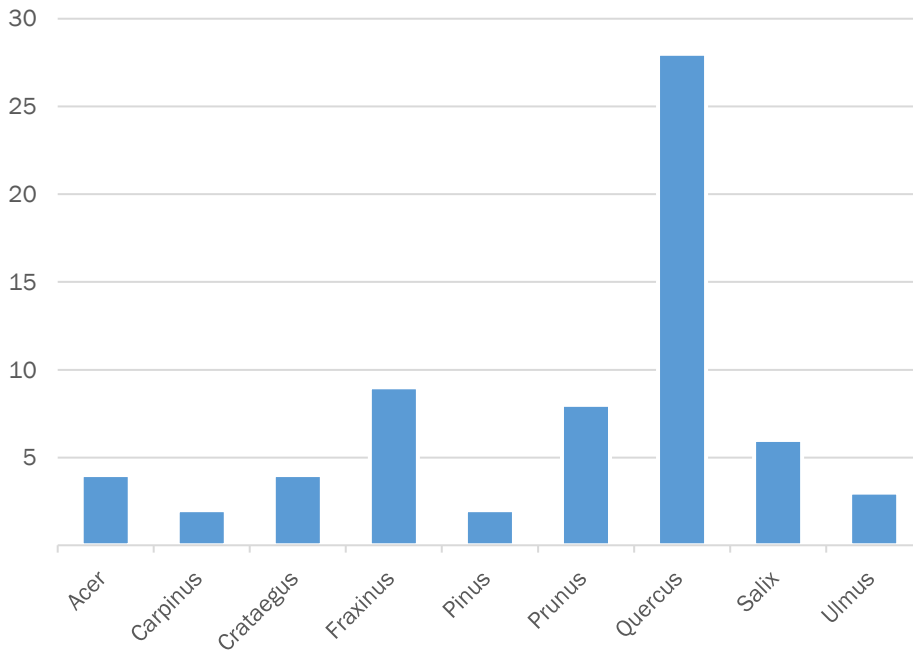


Figure EDP A3.1: Species Diversity.

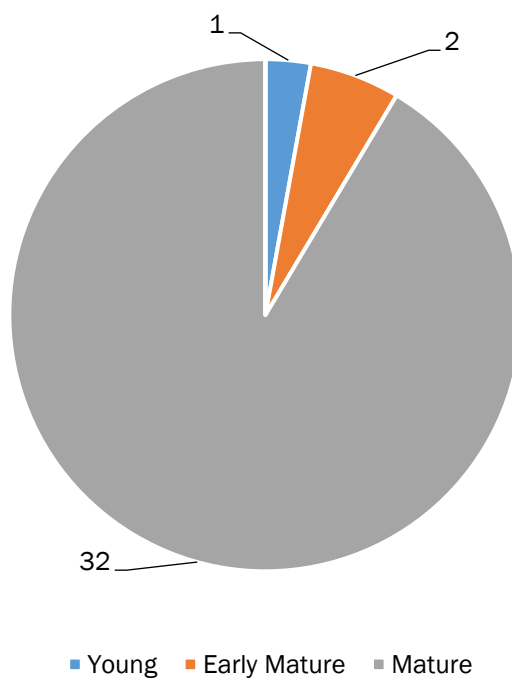


Figure EDP A3.2: Age Distribution.

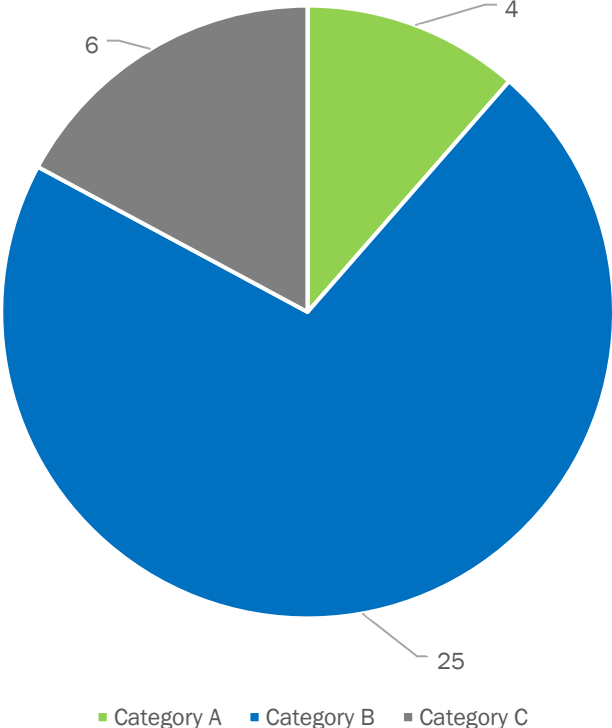


Figure EDP A3.3: Category Grading.