



Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 8.10.1 – Tree Survey Report and Arboricultural Impact Assessment – Part 3 –
Tracked Version

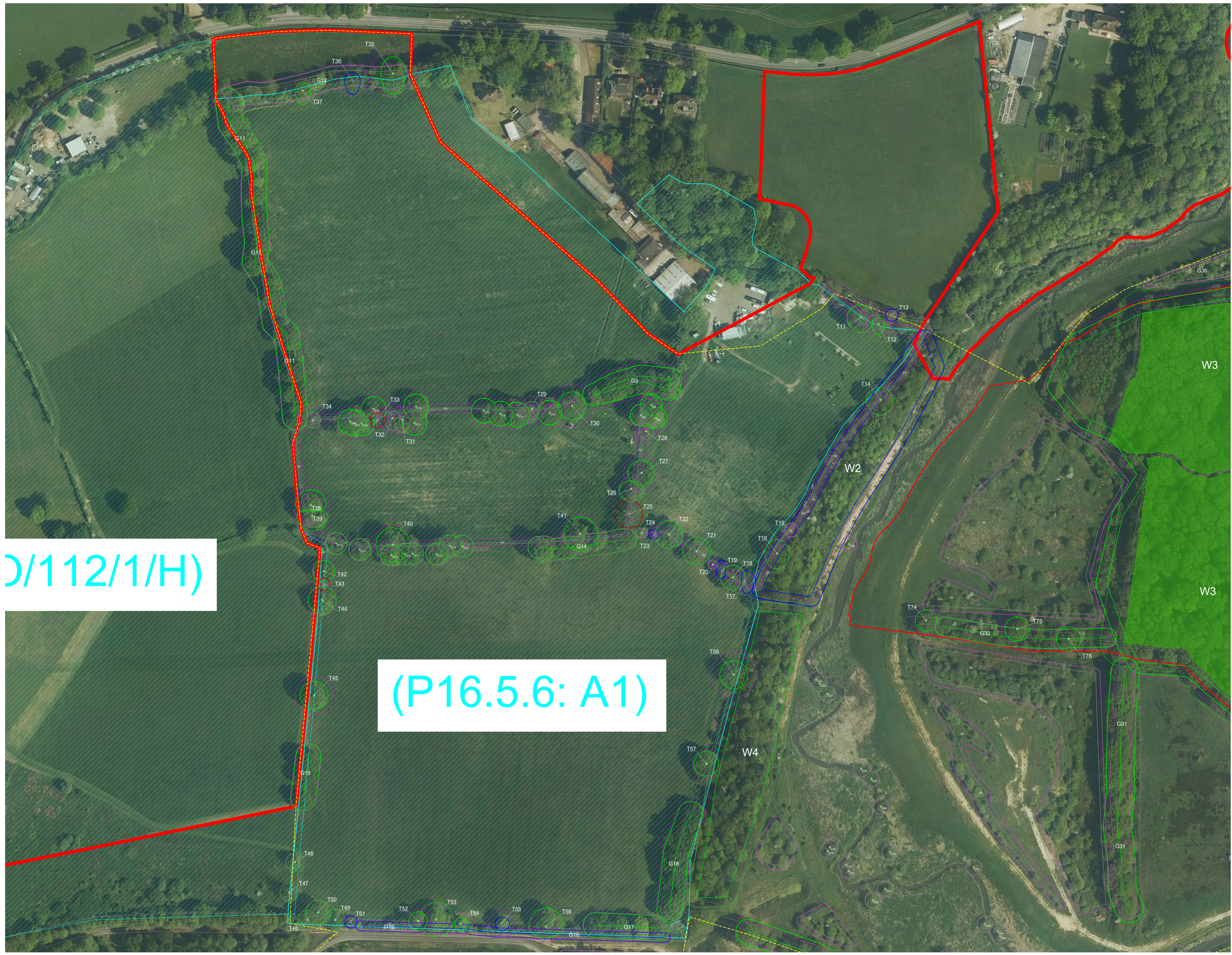
Book 5

VERSION: 3.0

DATE: JUNE 2024

Application Document Ref: 5.3

PINS Reference Number: TR020005



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(P16.5.6: A1)

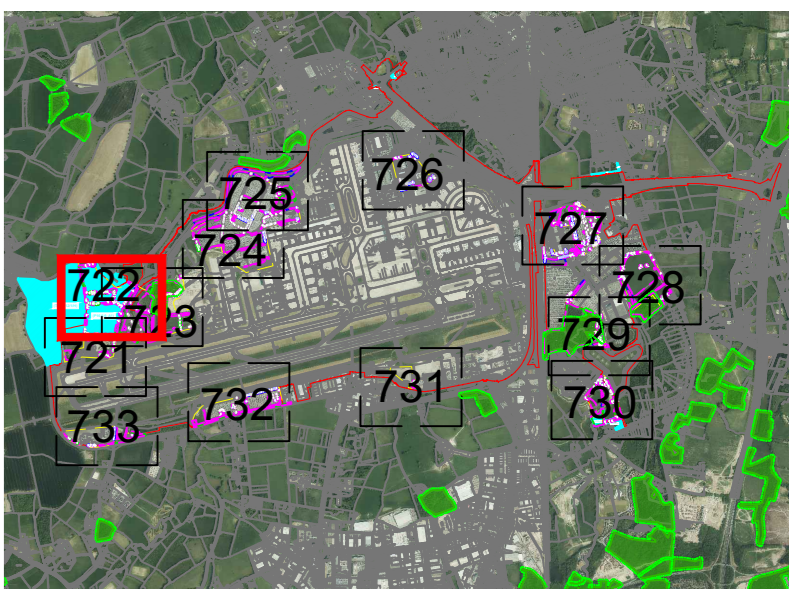
Key

- Site boundary.
 - Survey boundary.
 - 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
 - Tree group plotted with individual stem locations and numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below.
 - 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.
 - Hedge with numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below and dashed line to show hedge centerline.
 - 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.
- 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
 - Veteran tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
 - Tree protected by Tree Preservation Order. Bracketted number relates to the TPO reference.
 - Designated Ancient Woodland (as per Natural England ancient woodland inventory, via open data publication)
 - Ancient Woodland tree buffer (15m offset) (as per standing advice produced by Forestry England and Natural England)

NOTES:

- Refer to ES Appendix 8.10.1, Tree Survey Report and Arboricultural Impact Assessment 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'.
- Survey based upon Aerial Photography and trees located by eye.

Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE

Airport Tree Survey Plans
Appendix 8.10.1
Sheet 2 of 13

DATE: June 2024

ORIENTATION	DRAWING NO.	REVISION
N	722	For ES Issue
	DRAWN BY	PM / CHECKED BY
	RC	DC

SCALE @ A0
0m 25m 50m

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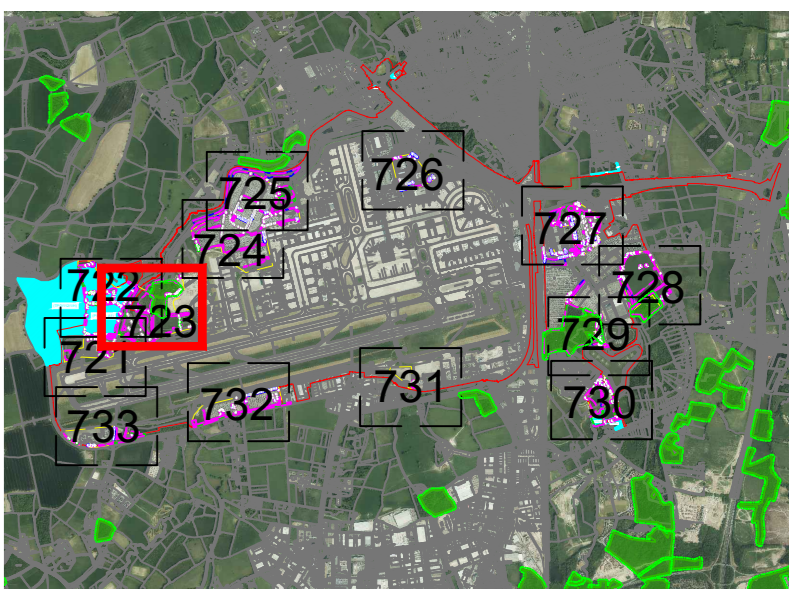
5.6: A1)

Key

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- NOTES:**
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Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE

Airport Tree Survey Plans
Appendix 8.10.1
Sheet 3 of 13

DATE: June 2024

ORIENTATION	DRAWING NO.	REVISION
N	723	For ES Issue
	DRAWN BY: RC	PM / CHECKED BY: DC

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- 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.

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

Veteran tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)

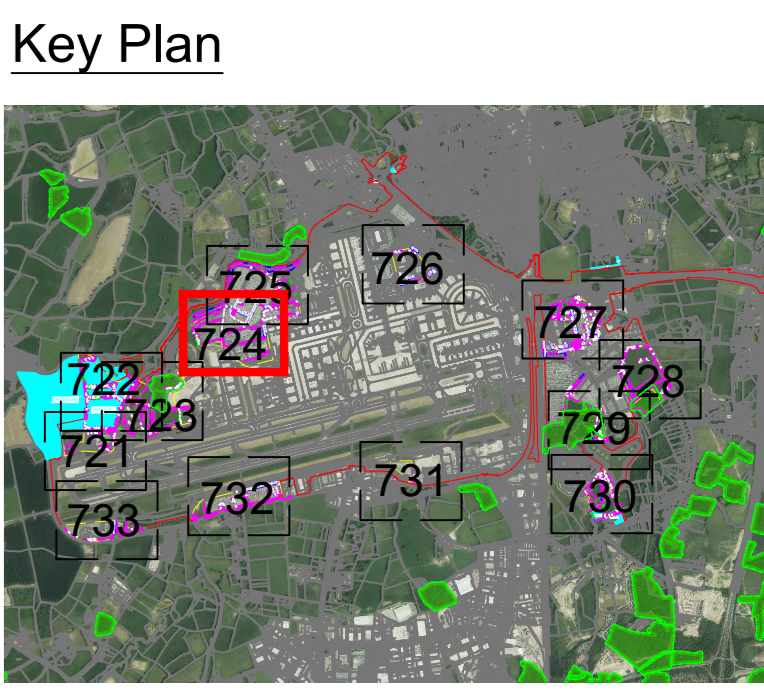
Tree protected by Tree Preservation Order. Bracketted number relates to the TPO reference.

Designated Ancient Woodland (as per Natural England ancient woodland inventory, via open data publication)

Ancient Woodland tree buffer (15m offset) (as per standing advice produced by Forestry England and Natural England)

NOTES:

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DOCUMENT

Environmental Statement

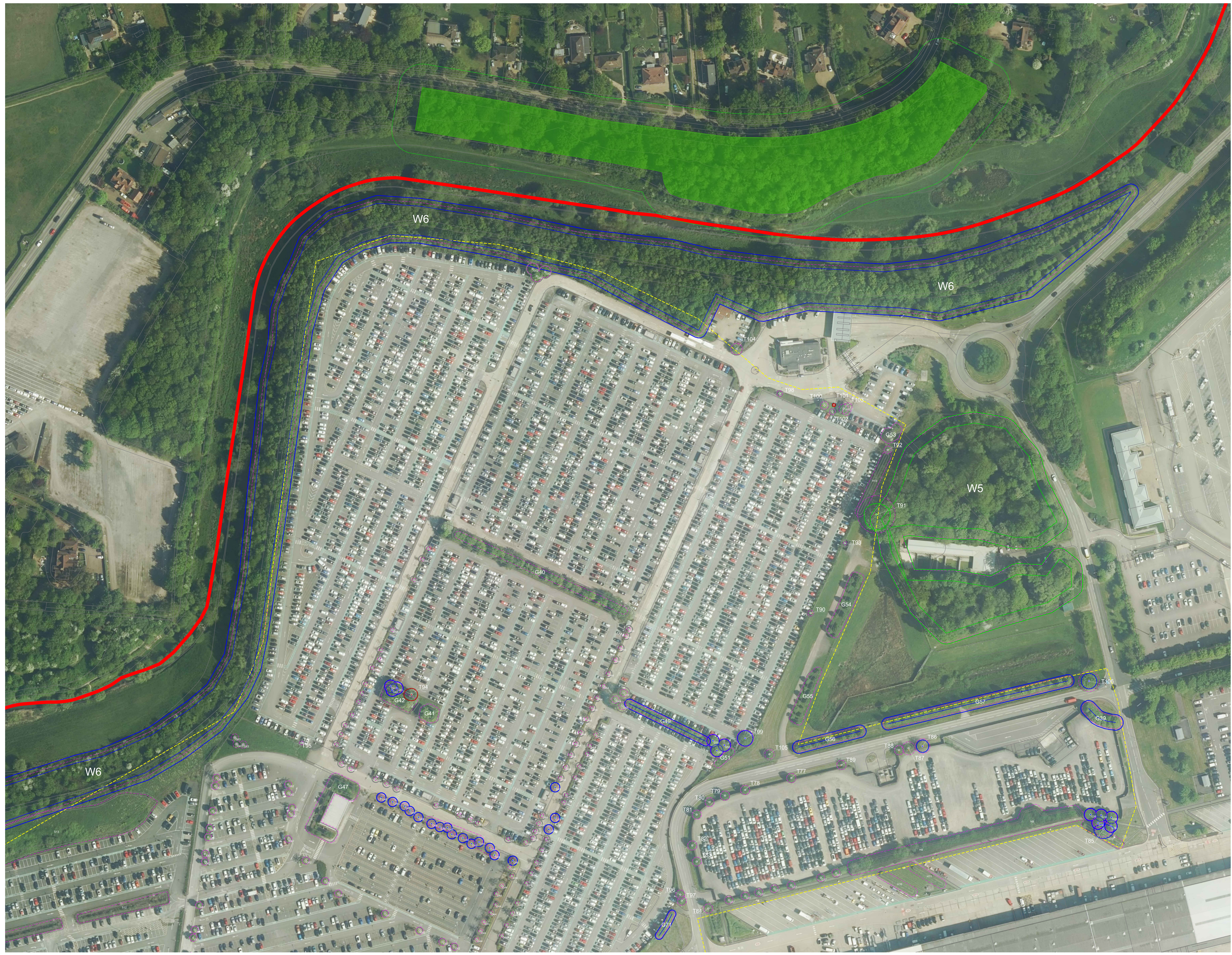
DRAWING TITLE

**Airport Tree Survey Plans
Appendix 8.10.1
Sheet 4 of 13**

DATE June 2024

ORIENTATION 	DRAWING NO. 724	REVISION For ES Issue
	DRAWN BY RC	PM / CHECKED BY DC

SCALE @ A0
0m 25m 50m



Key

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- 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.

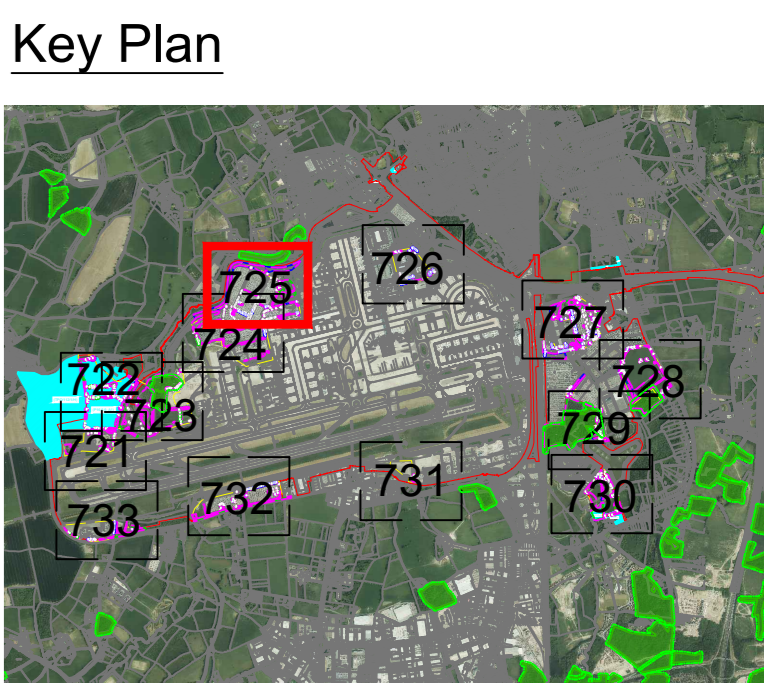
BS 5837:2012 Tree Quality Categories - Table 1

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Airport Tree Survey Plans
Appendix 8.10.1
Sheet 5 of 13

DATE

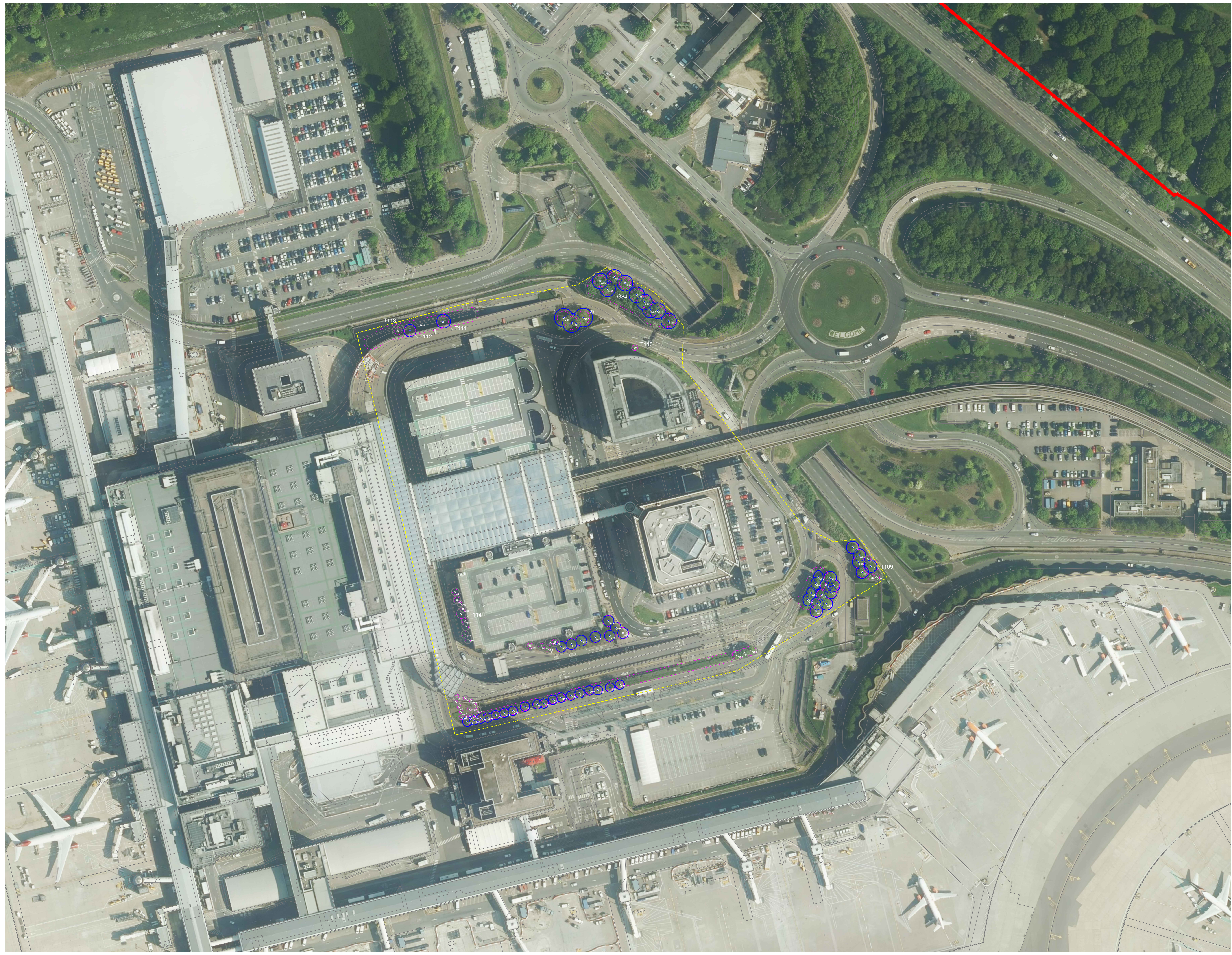
June 2024

ORIENTATION	DRAWING NO.	REVISION
	725	For ES Issue
SCALE @ A0	DRAWN BY	PM / CHECKED BY
	RC	DC

0m 25m 50m

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- 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.

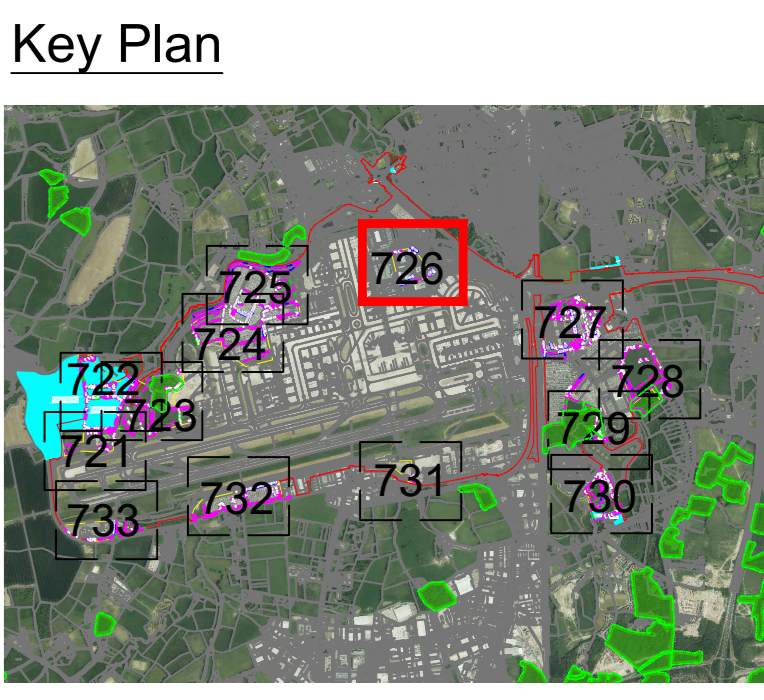
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Environmental Statement

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**Airport Tree Survey Plans
Appendix 8.10.1
Sheet 6 of 13**

DATE

June 2024

ORIENTATION N ▲	DRAWING NO.	REVISION
	726	For ES Issue
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	RC	DC

SCALE @ A0

0m 25m 50m

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- G1 Tree group plotted with individual stem locations and numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
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- 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.

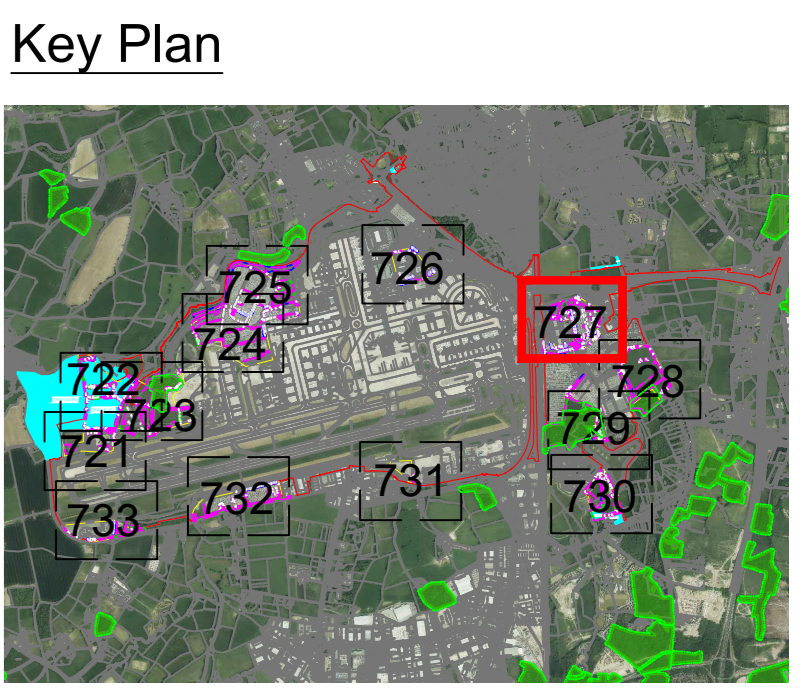
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Airport Tree Survey Plans
Appendix 8.10.1
Sheet 7 of 13

DATE: **June 2024**

ORIENTATION	DRAWING NO.	REVISION
	N	727
	DRAWN BY	PM / CHECKED BY
	RC	DC

SCALE @ A0

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