



Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 5.3.2: Code of Construction Practice – Annex 6: Outline Arboricultural and Vegetation

Method Statement – Part 2 – Clean Version

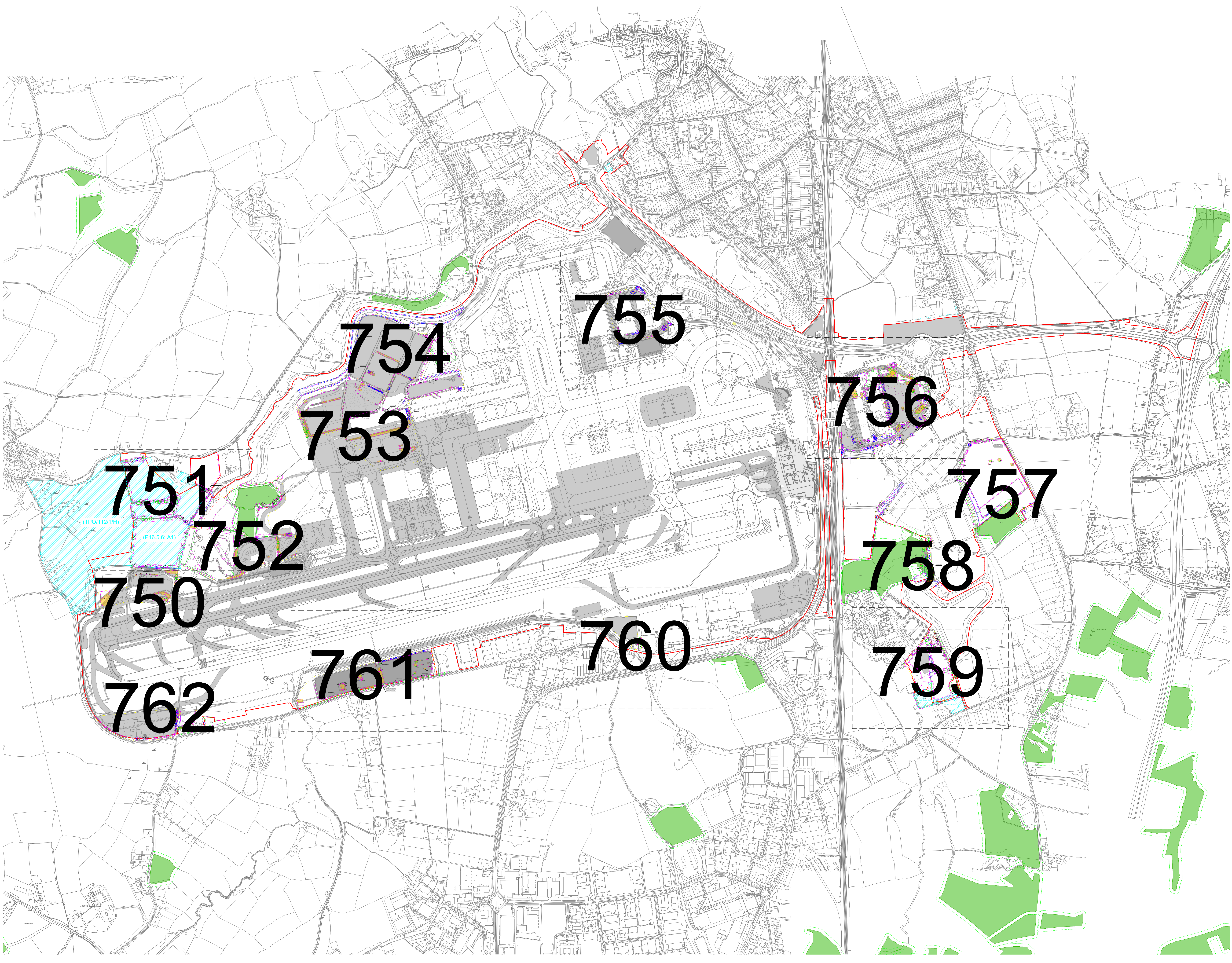
Book 5

VERSION: 5.0

DATE: AUGUST 2024

Application Document Ref: 5.3

PINS Reference Number: TR020005



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 and coloured BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
- Woodland with numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below and dashed line to show native 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)

Projected tree loss required for construction of the Project (worst case scenario)

Indicative Scheme Layout

Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.

Indicative secondary protective HI-VIS Mesh fence in accordance with Section 6.2 - BS5837:2012. See below for example barriers.

Indicative vegetation protective fence/line: Design and location to be agreed by local council during detail design.

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, Identification and Construction'.
- Survey based upon Aerial Photography and trees located by eye.

DOCUMENT

Environmental Statement

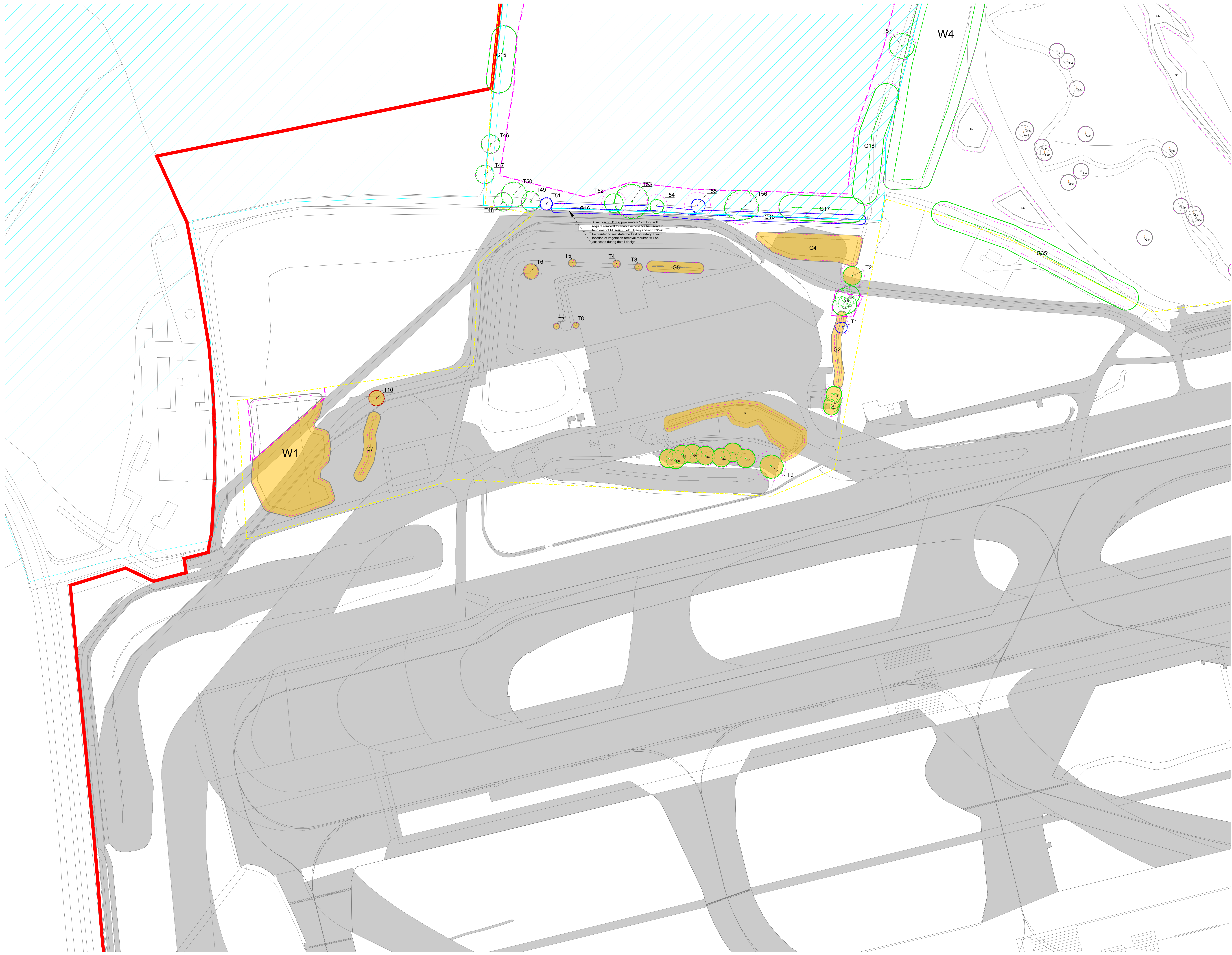
DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans Appendix 5.3.2 Annex 6 Overview

DATE
August 2024

ORIENTATION	DRAWING NO.	REVISION
N	735	For ES Issue
	DRAWN BY	PM / CHECKED BY
	RC	DC

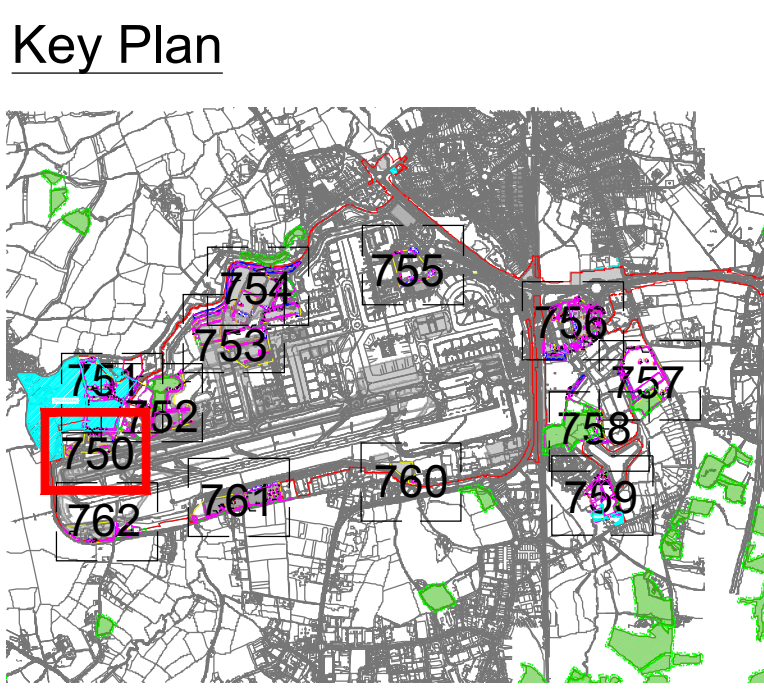
SCALE @ A0
Custom Scale

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- 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 and coloured BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline
 - 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 - Unstable for retention
- Direction of first significant branch
 - Road protection area (RPA)
Calculated in accordance with Section 4.6 - BS5837:2012
(as per standing advice produced by Forestry England and Natural England)
 - Vegetation tree buffer (15 x stem Ø)
(as per standing advice produced by Forestry England and Natural England)
 - Tree protected by Tree Preservation Order
Bracketed number relates to the TPO reference
 - Designated Ancient Woodland
(as per Natural England ancient woodland inventory, via data table publication)
 - Ancient Woodland tree buffer (15m offset)
(as per standing advice produced by Forestry England and Natural England)
 - Projected tree loss required for construction of the Project (worst case scenario)
 - Indicative Scheme Layout
 - Indicative temporary protective fence line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative secondary protective Hx15 Mesh fence line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative vegetation protective fence line; Design and location to be agreed by local council during detail design.

- NOTES:**
- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural Impact Assessment for further details.
 - Some trees are marked with a red 'X' on the ground and are not intended as a full arboricultural retention.
 - Tree removal is indicated by a red 'X' on the ground and is not intended as a full arboricultural retention.
 - BS5837:2012 - 'Trees in Relation to Design, Demolition and Construction'
 - Some trees are marked with a red 'X' on the ground and are not intended as a full arboricultural retention.
-

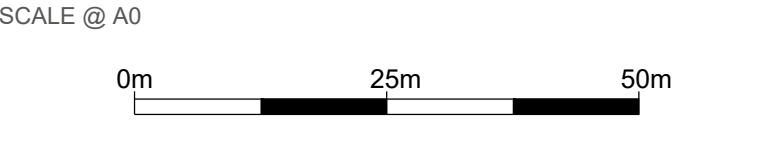


DOCUMENT
Environmental Statement

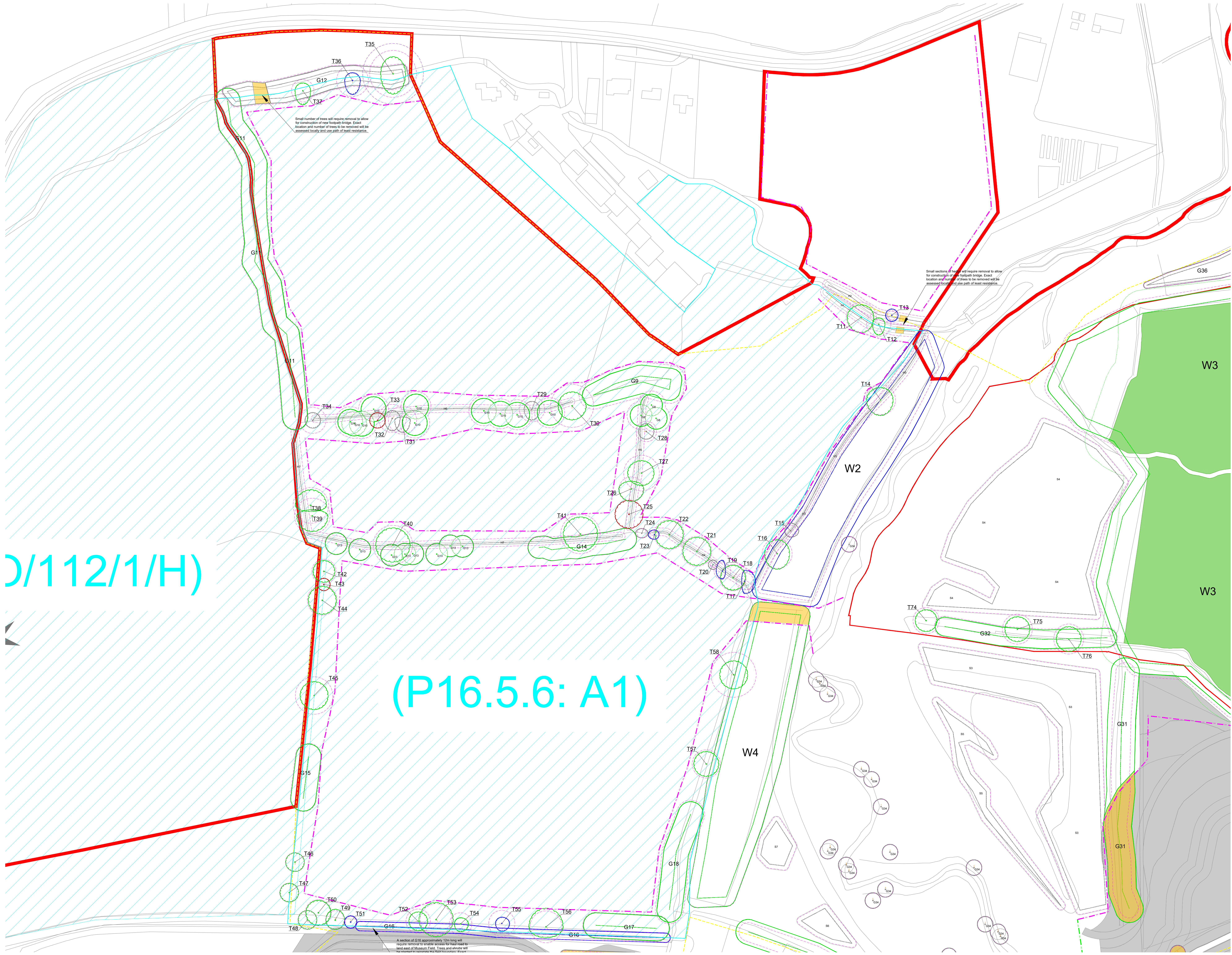
DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 1 of 13

DATE
August 2024

ORIENTATION N	DRAWING NO. 750	REVISION For ES Issue
	DRAWN BY RC	PM / CHECKED BY DC



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D/112/1/H)

(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 (non-visible tree)
 - Tree in 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 centreline.
- 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

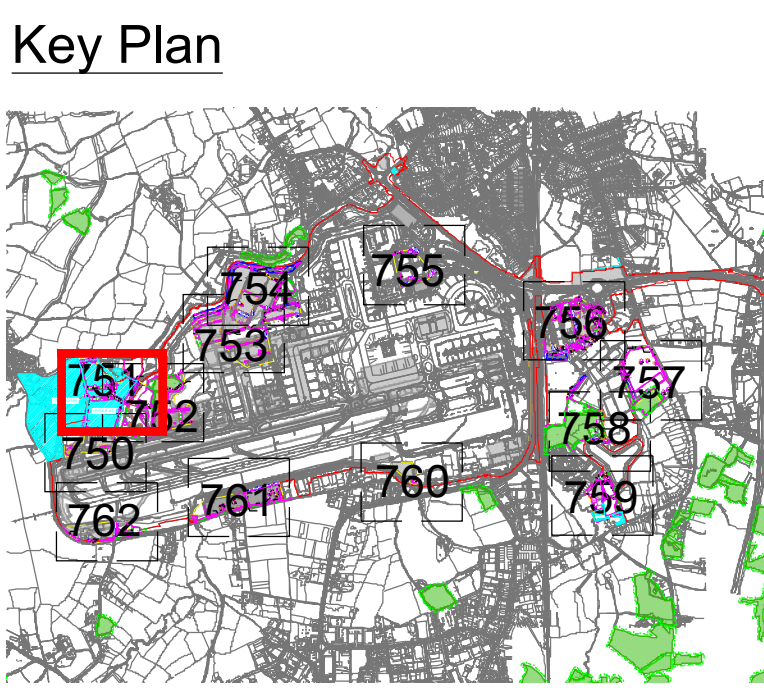
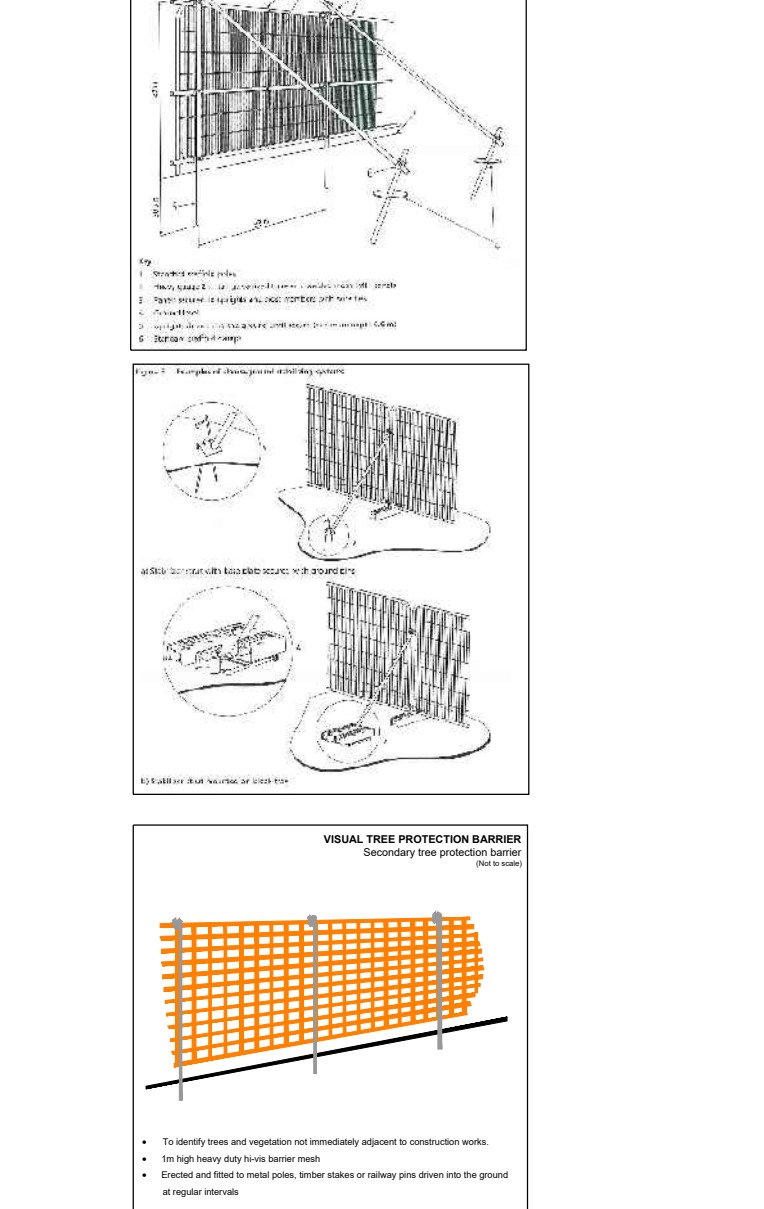
- Category A - High quality
- Category B - Moderate quality
- Category C - Low quality
- Category U - Unsuitable for retention

Direction of first significant branch

- Road protection area (RPA). Calculated in accordance with Section 4.6 - BS5837:2012
- Vegetation free buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
- Tree protected by Tree Preservation Order. Bracketed 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)
- Projected tree loss required for construction of the Project (worst case scenario)
- Indicative Scheme Layout
- Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative secondary protective Hx15 Mesh fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative vegetation protective fence/line. Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural
- Report Assessment for further details.
- Some trees are at risk of removal from the ground and are not intended as a full arboricultural inspection.
- Tree condition is identified in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.
- Some trees are shown in red in the photographs and trees visible to eye.



DOCUMENT

Environmental Statement

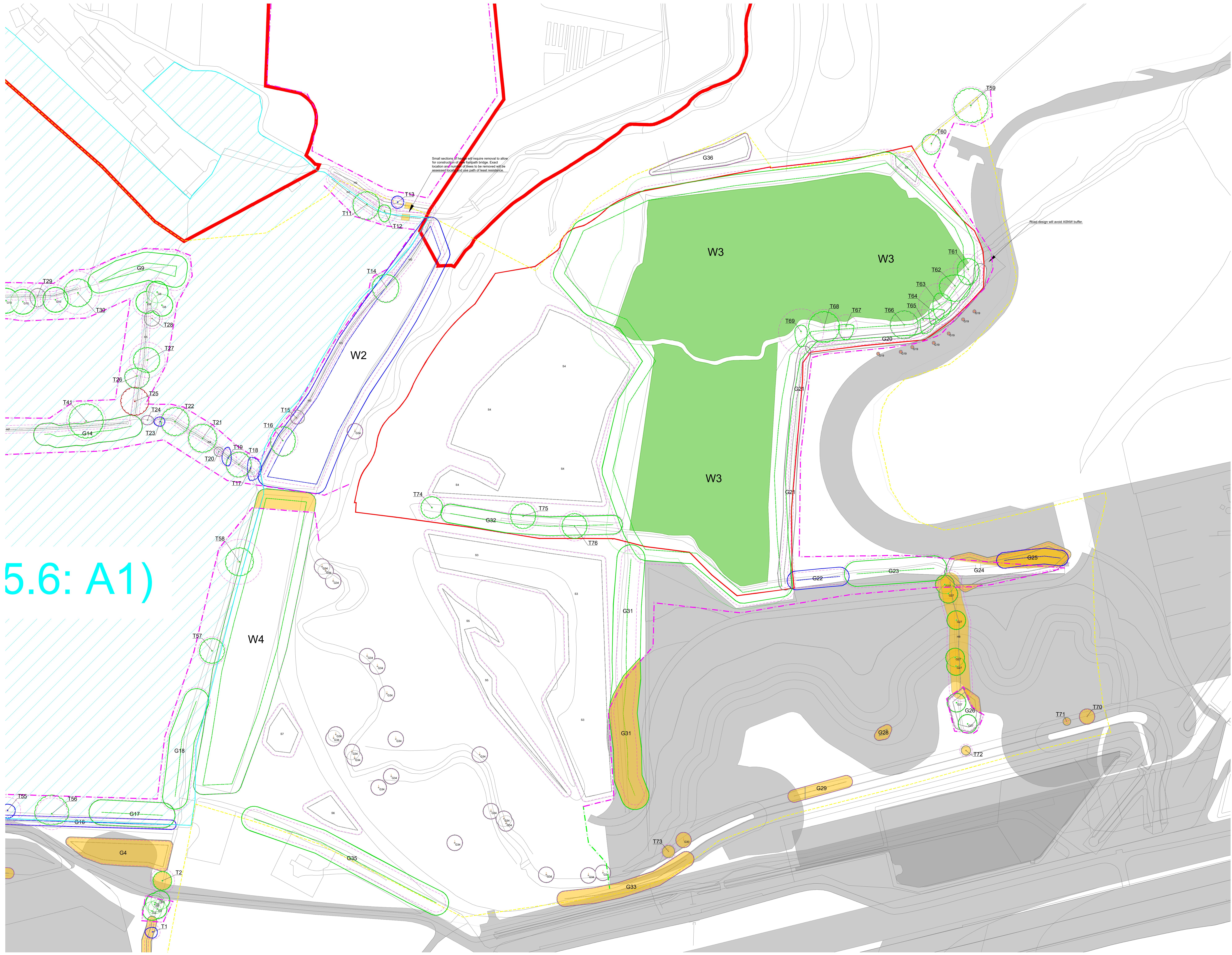
DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 2 of 13

DATE
 August 2024

ORIENTATION	DRAWING NO.	REVISION
N	751	For ES Issue
	DRAWN BY	PM / CHECKED BY
	RC	DC

SCALE @ A0
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5.6: A1)

Key

- Red line: Site boundary
- Yellow dashed line: Survey boundary
- Tree with numbered reference: Canopy extent and colour to match BS5837:2012 tree quality category as shown below.
 - Green circle: Tree details estimate (reasonable tree)
 - Black circle: Tree in off-site location
- G1: Tree group plotted with individual stem locations and numbered reference. Canopy extent colour to match BS5837:2012 tree quality category as shown below.
- G1: Tree or vegetation group with numbered reference. Canopy extent colour to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
- H1: Hedge with numbered reference. Canopy extent and colour to match BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
- W1: Woodland with numbered reference. Canopy extent colour to match BS5837:2012 tree quality category as shown below and dashed line to show indicative tree line.

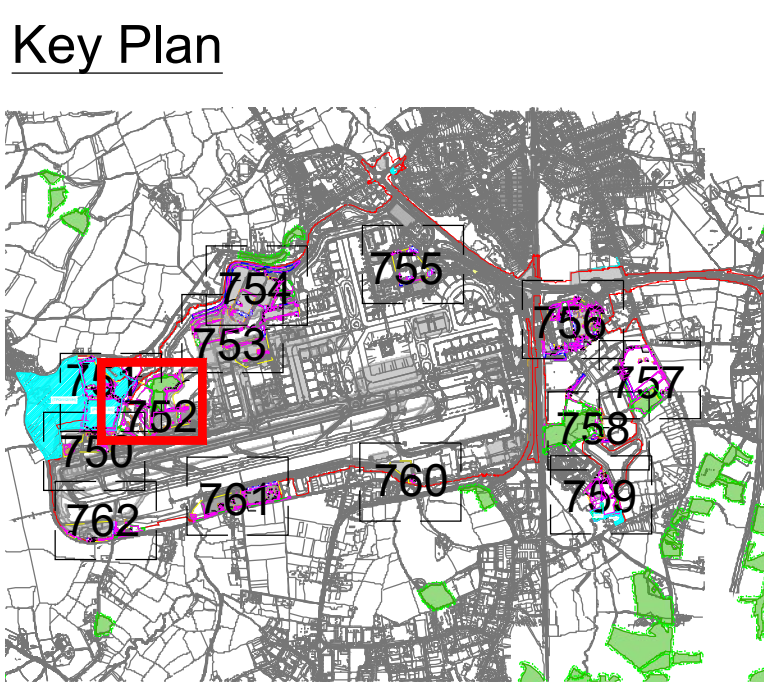
BS 5837:2012 Tree Quality Categories - Table 1

- Category A - High quality (Blue circle)
- Category B - Moderate quality (Green circle)
- Category C - Low quality (Red circle)
- Category U - Unsuitable for retention (Black circle)

- Orange arrow: Direction of first significant branch
- Red line: Road protection area (RPA) Calculated in accordance with Section 4.6 - BS5837:2012
- Purple dashed line: Vegetation tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
- Green dashed line: Tree protected by Tree Preservation Order. Bracketed number relates to the TPO reference.
- Green hatched area: Designated Ancient Woodland (as per Natural England ancient woodland inventory, via open data publication)
- Light green hatched area: Ancient Woodland tree buffer (15m offset) (as per standing advice produced by Forestry England and Natural England)
- Yellow hatched area: Projected tree loss required for construction of the Project (worst case scenario)
- Grey area: Indicative Scheme Layout
- Pink dashed line: Indicative temporary protective fence line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Blue dashed line: Indicative secondary protective Hx15 Mesh fence in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Green dashed line: Indicative vegetation protective fence line; Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix 6.10.1: Tree Survey Report and Arboricultural Impact Assessment for further details.
- Some trees are to be removed from the ground and are not retained as a full arboricultural measure.
- Plan symbols are restricted to the representation set out in BS 5837:2012. Trees in relation to design, demolition and construction.
- Some trees are to be removed and trees to be replaced.

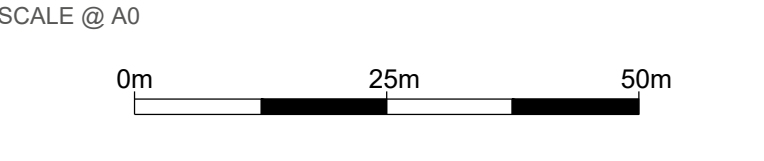


Environmental Statement

DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 3 of 13

DATE: August 2024

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	DRAWN BY	PM / CHECKED BY
	RC	DC

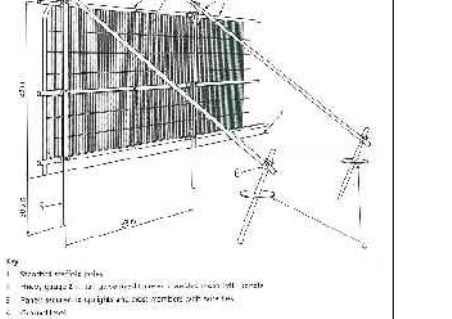
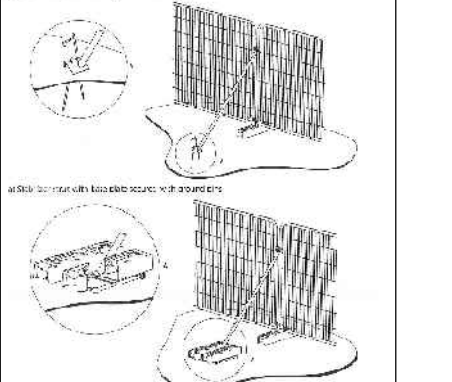
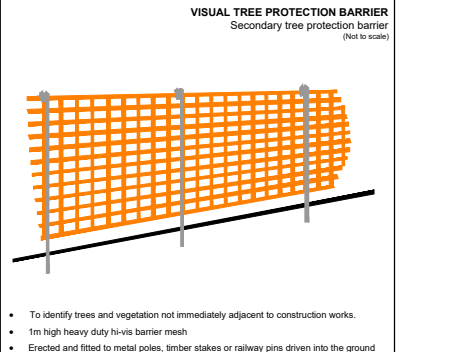


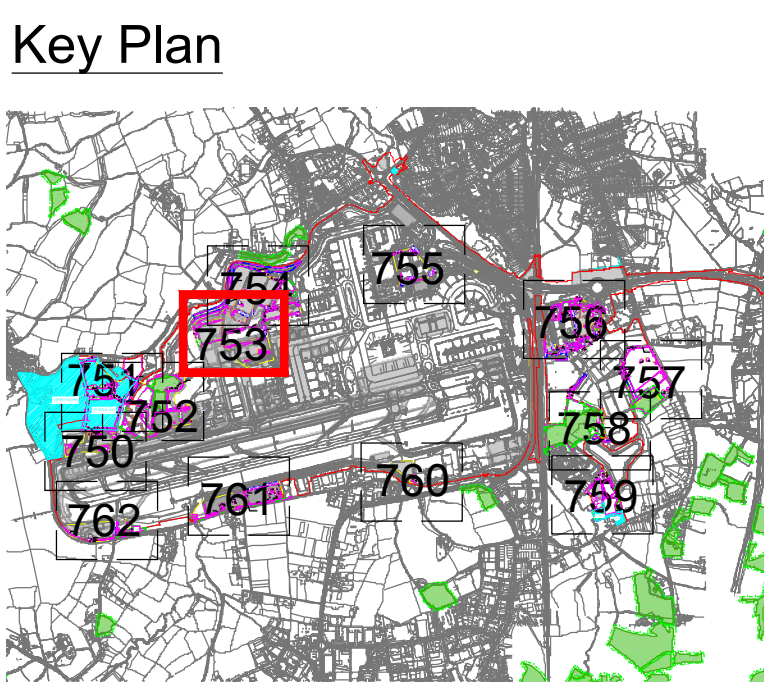
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- ### Key
- Site boundary
 - Survey boundary
 - Tree with numbered reference
 - Canopy spread and coloured BS5837:2012 tree quality category as shown below
 - * = Tree details estimate (non-sustainable tree)
 - * = Tree in off site location
 - Tree group plotted with individual stem locations and numbered reference. Canopy extents coloured to match BS5837:2012 tree quality category as shown below
 - Tree of 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 centreline.
 - 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
 - Road 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. Bracketed 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)
 - Projected tree loss required for construction of the Project (worst case scenario)
 - Indicative Scheme Layout
 - Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative secondary protective Hi Vis Mesh fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative vegetation protective fence/line. Design and location to be agreed by local council during detail design.

- ### NOTES:
- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural
 - Impact Assessment for further details.
 - Some trees are to be retained from the ground and are not intended as a full arboricultural retention.
 - Plan shown in accordance with BS5837:2012 - Part 2: 2012 - 'Trees in Relation to design, demolition and construction'.
 - BS5837:2012 - 'Trees in Relation to design, demolition and construction'.
 - Some trees are to be removed and trees shown to be removed.
- 
- 
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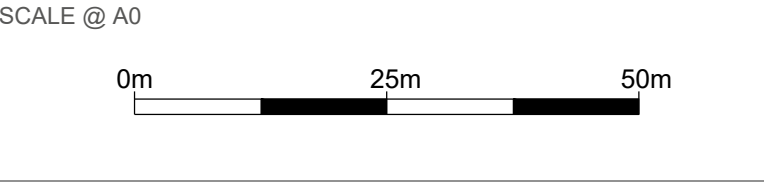
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Environmental Statement

DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 4 of 13

DATE
August 2024

ORIENTATION	DRAWING NO.	REVISION
N	753	For ES Issue
	RC	PM / CHECKED BY DC

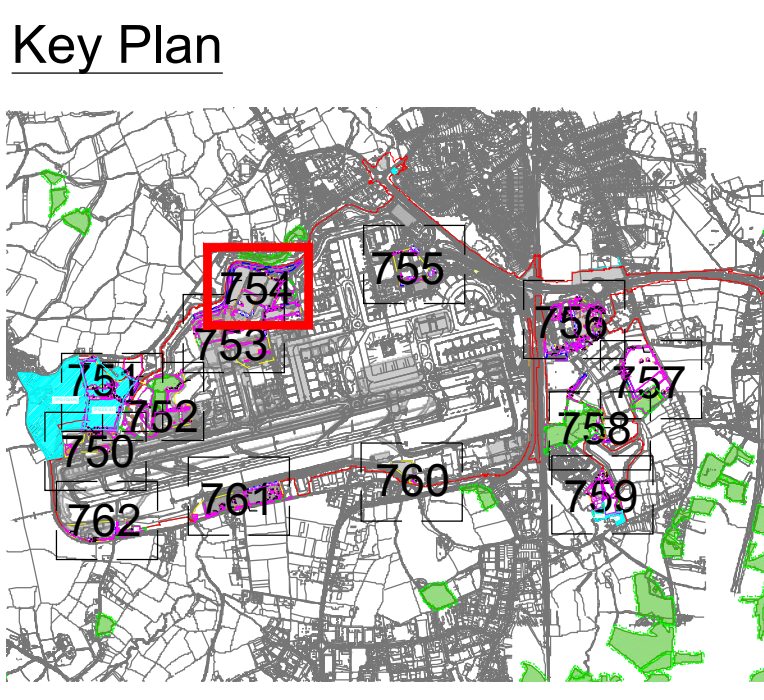


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- ### Key
- Site boundary
 - Survey boundary
 - Tree with numbered reference. Canopy spread and coloured BS5837:2012 tree quality category as shown below.
 - = Tree details estimate (non-possible tree)
 - = Tree in off site location
 - Tree group plotted with individual stem locations and numbered reference. Canopy extent coloured to match BS5837:2012 tree quality category as shown below
 - Tree or Vegetation group with numbered reference. Canopy extent coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
 - Hedge with numbered reference. Canopy extent and coloured BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
 - Woodland with numbered reference. Canopy extent 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 - Unstable for retention
- Direction of first significant branch
 - Road protection area (RPA) Calculated in accordance with Section 4.6 - BS5837:2012
 - Vegetation tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
 - Tree protected by Tree Preservation Order. Bracketed 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)
 - Projected tree loss required for construction of the Project (worst case scenario)
 - Indicative Scheme Layout
 - Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative secondary protective HxV Mesh fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative vegetation protective fence/line; Design and location to be agreed by local council during detail design.

- ### NOTES
- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural
 - Some assessments for detail retention from the ground and is not intended
 - as a full arboricultural assessment.
 - For information on tree preservation orders see the BS
 - 5837:2012 - 'Trees in Relation to design, demolition and construction'
 - Some trees are fence, topography and trees visible to eye.
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DOCUMENT

Environmental Statement

DRAWING TITLE

Airport Preliminary Tree Removal & Protection Plans Appendix 5.3.2 Annex 6 Sheet 5 of 13

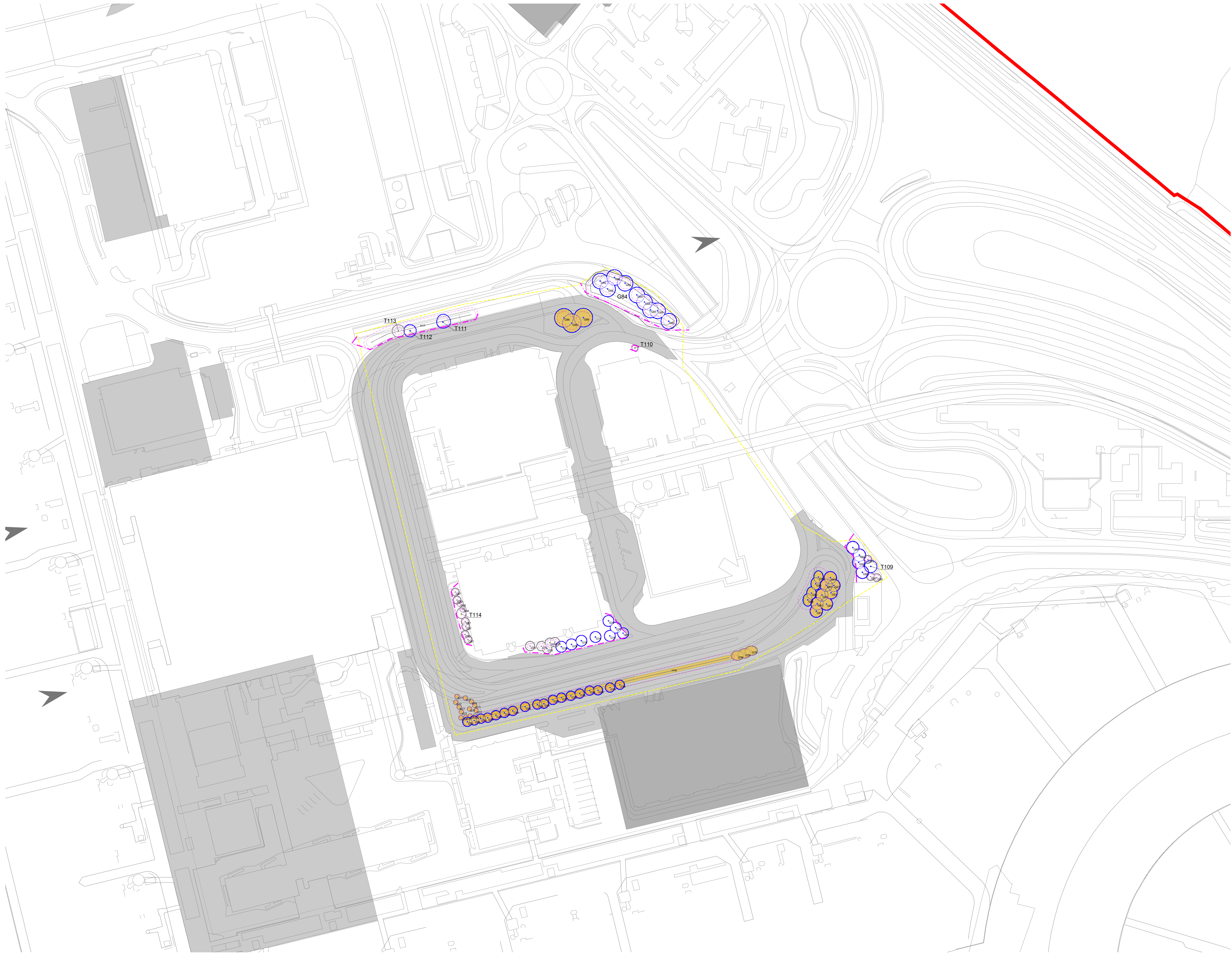
DATE

August 2024

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

SCALE @ A0

0m 25m 50m



Key

- Site boundary.
- Survey boundary.
- Tree with numbered reference. Canopy extent and colour 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 extent colour to match BS5837:2012 tree quality category as shown below.
- Tree or vegetation group with numbered reference. Canopy extent colour to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
- Hedge with numbered reference. Canopy extent and colour BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
- Woodland with numbered reference. Canopy extent colour to match BS5837:2012 tree quality category as shown below and dashed line to show indicative tree line.

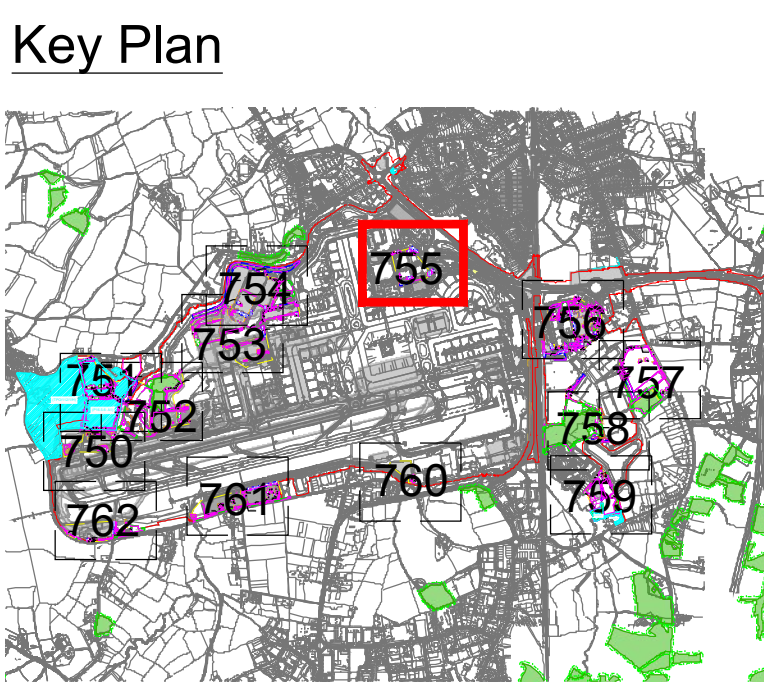
BS 5837:2012 Tree Quality Categories - Table 1

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

- Direction of first significant branch
- Road protection area (RPA) BS5837:2012
- Vegetation tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
- Tree protected by Tree Preservation Order. Bracketed 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)
- Projected tree loss required for construction of the Project (worst case scenario)
- Indicative Scheme Layout
- Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative secondary protective H/VIS Mesh fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative vegetation protective fence/line. Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix 6.10.1: Tree Survey Report and Arboricultural
- Impact Assessment for further details.
- General assessment for further details.
- Plan shown in accordance with recommendations set out in BS 5837:2012 - "Trees in Relation to design, demolition and construction".
- Some trees are shown in red and green to indicate their location to eye.



DOCUMENT

Environmental Statement

DRAWING TITLE

Airport Preliminary Tree Removal & Protection Plans Appendix 5.3.2 Annex 6 Sheet 6 of 13

DATE

August 2024

ORIENTATION 	DRAWING NO. 755	REVISION For ES Issue
	DRAWN BY RC	PM / CHECKED BY DC

SCALE @ A0

0m 25m 50m

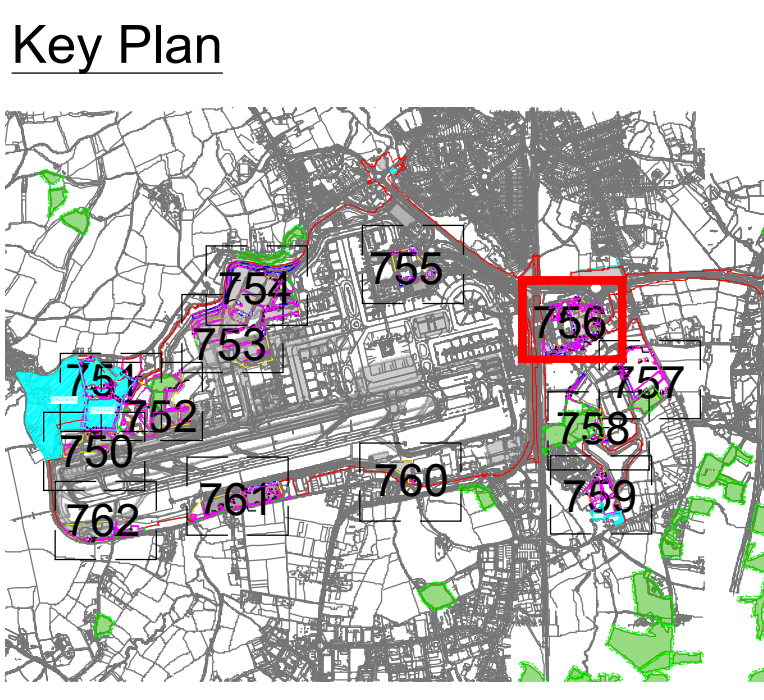
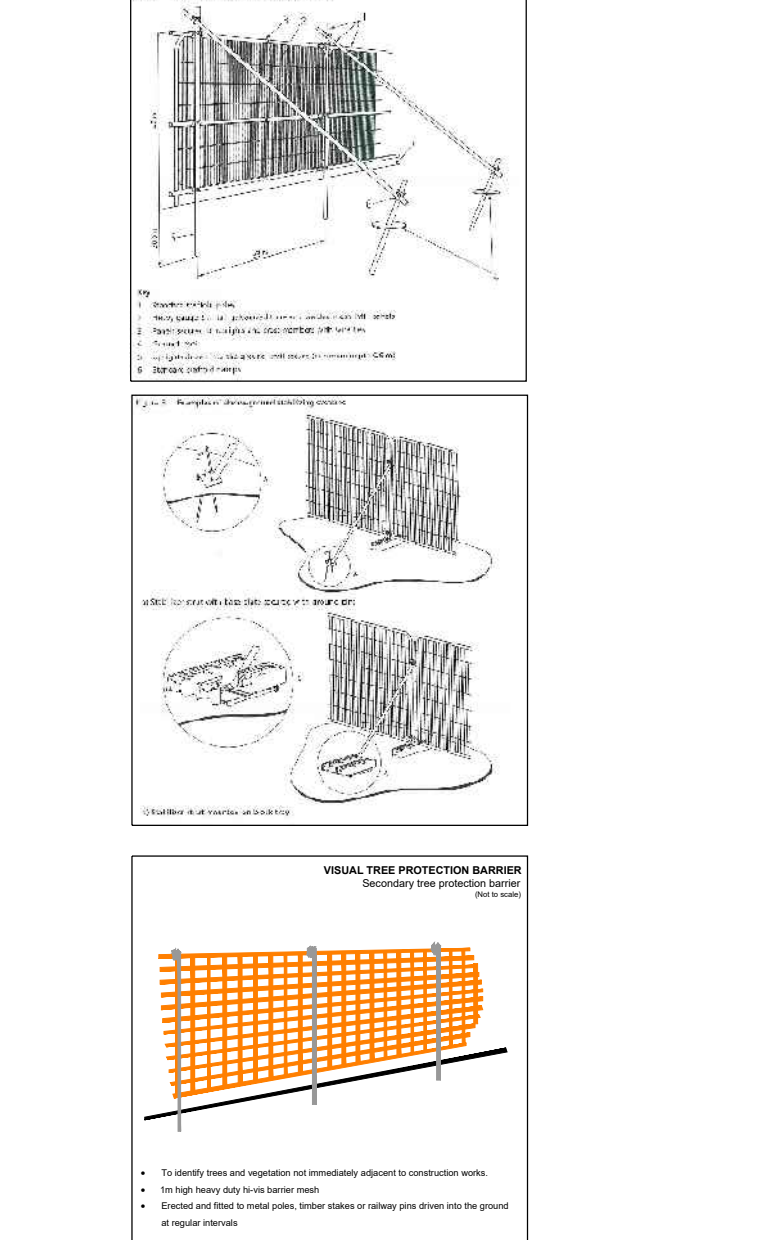
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- Key**
- Site boundary.
 - Survey boundary.
 - Tree with numbered reference. Canopy area and colour BS5837:2012 tree quality category as shown below.
 - = Tree status estimate (reasonable tree)
 - = Tree in off site location
 - Tree or vegetation group with individual stem locations and numbered reference. Canopy extends coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
 - Hedge with numbered reference. Canopy extends coloured to match BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
 - Woodland with numbered reference. Canopy extends 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
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 - Vegetation tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
 - Tree protected by Tree Preservation Order. Bracketed 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)
 - Projected tree loss required for construction of the Project (worst case scenario)
 - Indicative Scheme Layout
 - Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative secondary protective Hx15 Mesh fence in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
 - Indicative vegetation protective fence/line. Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix A.10.1: Tree Survey Report and Arboricultural
- Impact Assessment for further details.
- Some assessments are local to the ground and are not intended as a full arboricultural inspection.
- Plans are for information only. Recommendations are for BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.
- Some trees are open to aerial photography and trees visible to eye.



DOCUMENT

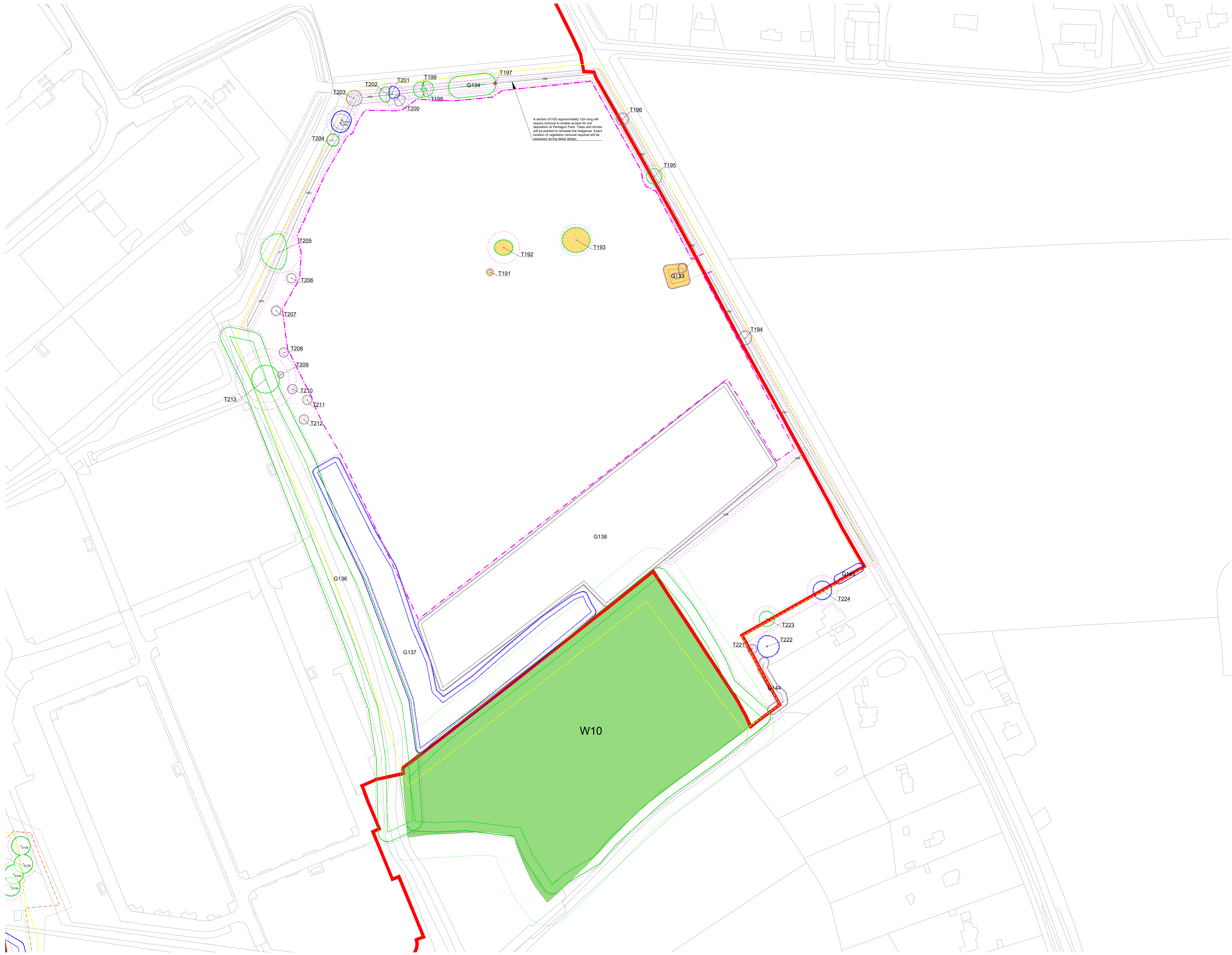
Environmental Statement

DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 7 of 13

DATE
 August 2024

ORIENTATION	DRAWING NO.	REVISION
N	756	For ES Issue
	DRAWN BY	PM / CHECKED BY
	RC	DC

SCALE @ A0
 0m 25m 50m



Key

- Red line: Site boundary
- Yellow dashed line: Survey boundary
- Green circle: Tree with numbered reference. Canopy spread and coloured BSS537:2012 tree quality category as shown below.
 - = Tree details estimate (inaccessible tree)
 - = Tree in off site location
- Green circle with 'G': Tree group plotted with individual stem locations and numbered reference. Canopy extents coloured to match BSS537:2012 tree quality category as shown below
- Blue circle with 'G1': Tree or vegetation group with numbered reference. Canopy extents coloured to match BSS537:2012 tree quality category as shown below and dashed line to show indicative stem line.
- Blue dashed line: Hedge with numbered reference. Canopy extents and coloured BSS537:2012 tree quality category as shown below and dashed line to show hedge centreline.
- Green area with 'W': Woodland with numbered reference. Canopy extents coloured to match BSS537:2012 tree quality category as shown below and dashed line to show indicative tree line.

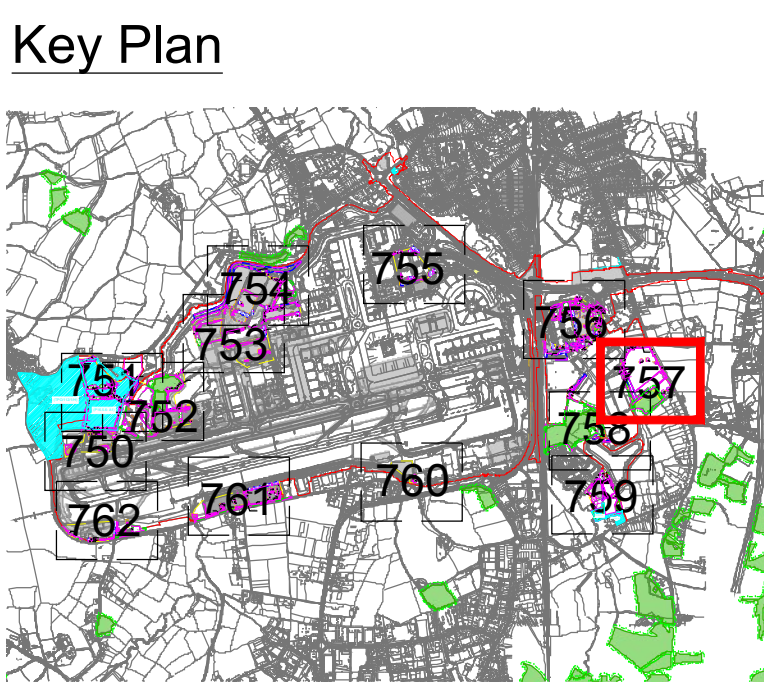
BSS537:2012 Tree Quality Categories - Table 1

- Category A - High quality (Green circle)
- Category B - Moderate quality (Blue circle)
- Category C - Low quality (Grey circle)
- Category U - Unstable for retention (Red circle)

- Orange arrow: Direction of first significant branch
- Red line: Road protection area (RPA) Calculated in accordance with Section 4.6 - BSS537:2012
- Purple dashed line: Veteran tree buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
- Green dashed line: Tree protected by Tree Preservation Order. Bracketed number relates to the TPO reference.
- Green area: Designated Ancient Woodland (as per Natural England ancient woodland inventory, via open data publication)
- Blue dashed line: Ancient Woodland tree buffer (15m offset) (as per standing advice produced by Forestry England and Natural England)
- Yellow area: Projected tree loss required for construction of the Project (worst case scenario)
- Grey area: Indicative Scheme Layout
- Pink dashed line: Indicative temporary protective fence line in accordance with Section 6.2 - BSS537:2012. See below for example barriers.
- Red dashed line: Indicative secondary protective HxVs Mesh fence line in accordance with Section 6.2 - BSS537:2012. See below for example barriers.
- Green dashed line: Indicative vegetation protective fence line; Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural
- Some elements are for further details.
- Some elements are to be removed from the ground and is not intended as a full arboricultural inspection.
- For confirmation of construction information see the BSS537:2012 - 'Trees in Relation to design, demolition and construction'.
- Some items are for reference and are not to be used for construction.



DOCUMENT

Environmental Statement

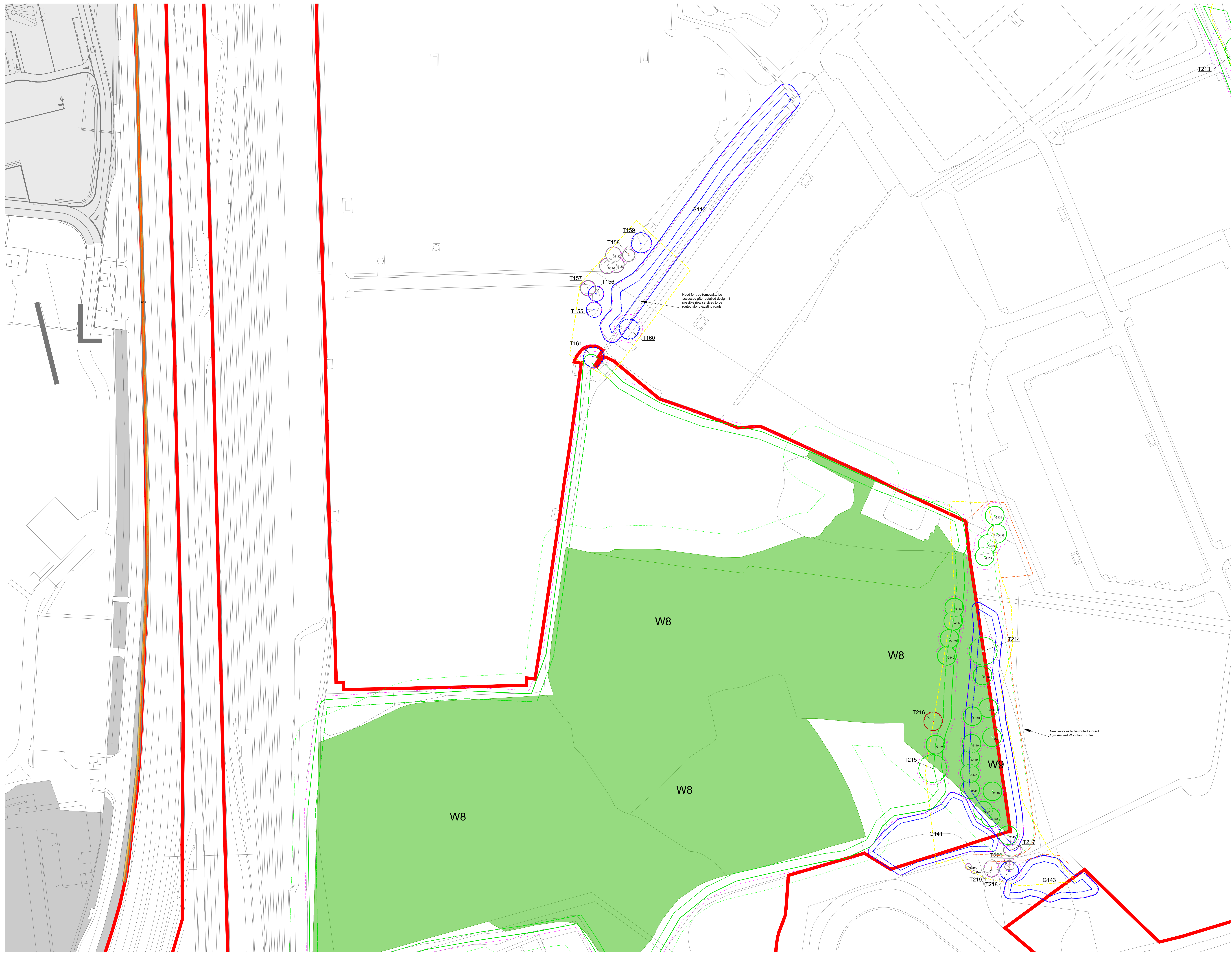
DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 8 of 13

DATE
August 2024

ORIENTATION N	DRAWING NO. 757	REVISION For ES Issue
	DRAWN BY RC	PM / CHECKED BY DC

SCALE @ A0
 0m 25m 50m

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Key

- Site boundary
- Survey boundary
- Tree with numbered reference. Canopy spread and coloured BS5837:2012 tree quality category as shown below.
 - = Tree details estimate (accessible tree)
 - = Tree in site location
- Tree group plotted with individual stem locations and numbered reference. Canopy extent coloured to match BS5837:2012 tree quality category as shown below.
- Tree or vegetation group with numbered reference. Canopy extent coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative stem line.
- Hedge with numbered reference. Canopy extent and coloured BS5837:2012 tree quality category as shown below and dashed line to show hedge centreline.
- Woodland with numbered reference. Canopy extent coloured to match BS5837:2012 tree quality category as shown below and dashed line to show indicative tree line.

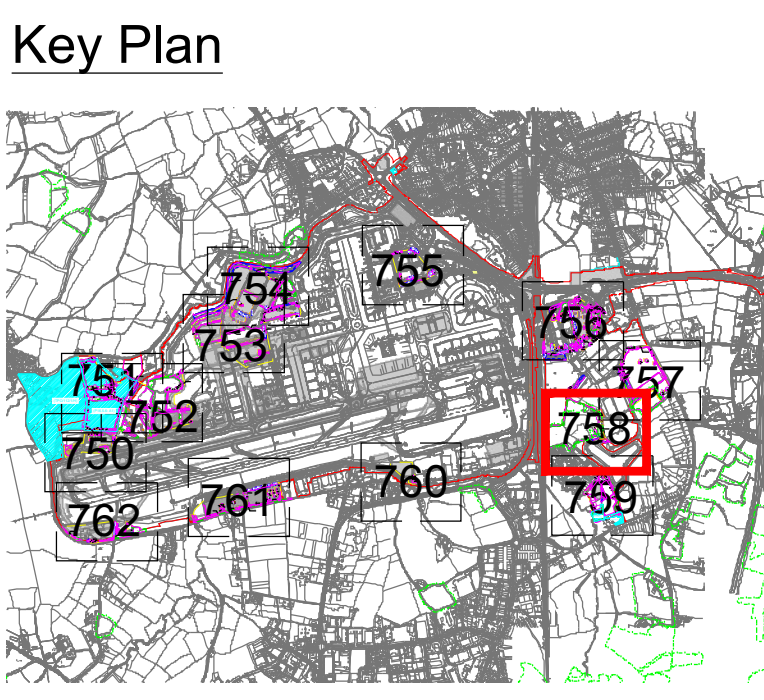
BS 5837:2012 Tree Quality Categories - Table 1

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

- Direction of first significant branch
- Road protection area (RPA) Calculated in accordance with Section 4.6 - BS5837:2012
- Vegetation free buffer (15 x stem Ø) (as per standing advice produced by Forestry England and Natural England)
- Tree protected by Tree Preservation Order. Bracketed 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)
- Projected tree loss required for construction of the Project (worst case scenario)
- Indicative Scheme Layout
- Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative secondary protective Hx15 Mesh fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
- Indicative vegetation protective fence/line; Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix B.10.1: Tree Survey Report and Arboricultural
- Impact Assessment for further details.
- Some trees are to be removed from the ground and is not intended as a full arboricultural inspection.
- Plan information is for information only and is not intended as a final design.
- BS5837:2012 - "Trees in Relation to design, demolition and construction"
- Some trees are to be removed from the ground and is not intended as a full arboricultural inspection.



DOCUMENT

Environmental Statement

DRAWING TITLE

Airport Preliminary Tree Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 9 of 13

DATE

August 2024

ORIENTATION	DRAWING NO.	REVISION
N	758	For ES Issue
	DRAWN BY	PM / CHECKED BY
	RC	DC

SCALE @ A0

0m 25m 50m

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