



Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 5.3.2: Code of Construction Practice Annex 6 – Outline Arboricultural and Vegetation Method Statement – Part 3 - Tracked Version

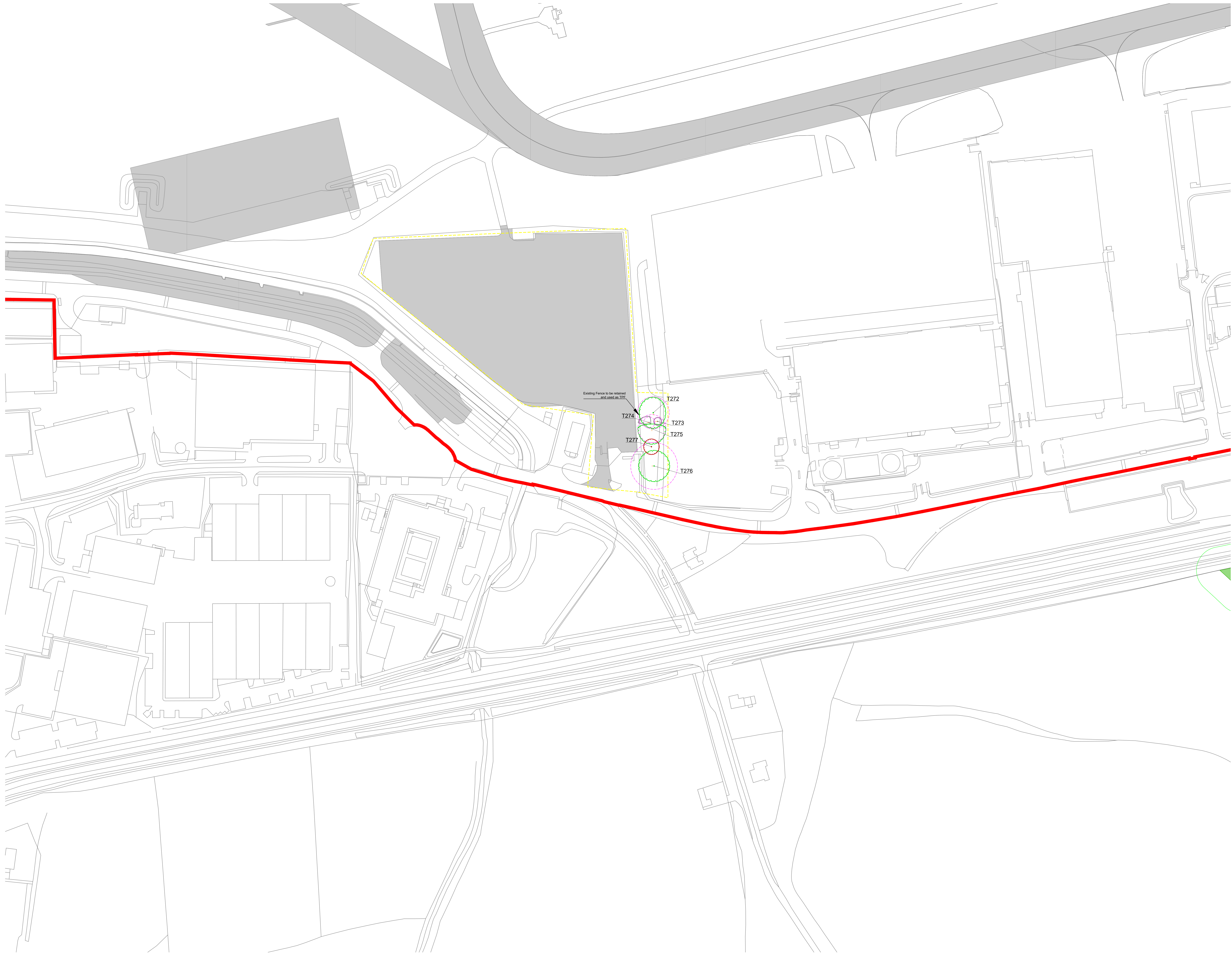
Book 5

VERSION: 3.0

DATE: JUNE 2024

Application Document Ref: 5.3

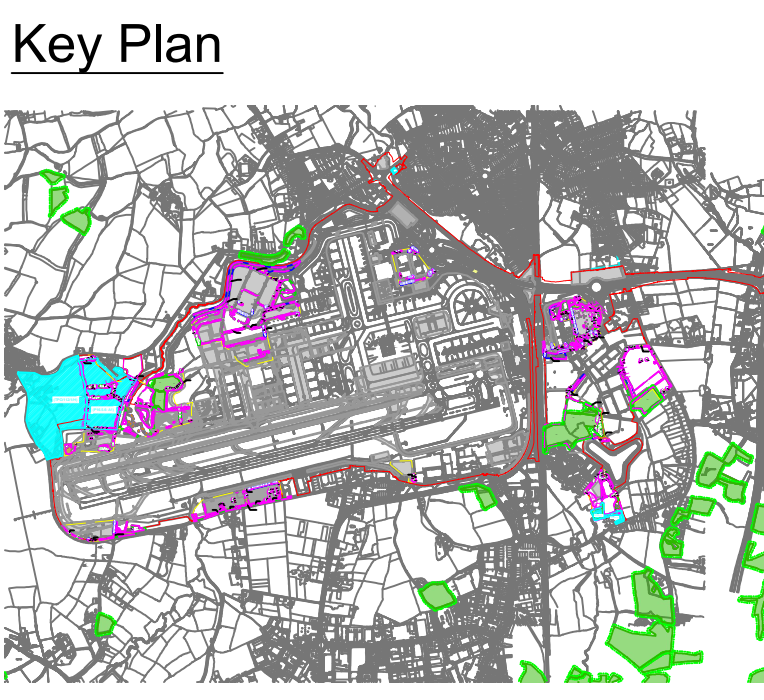
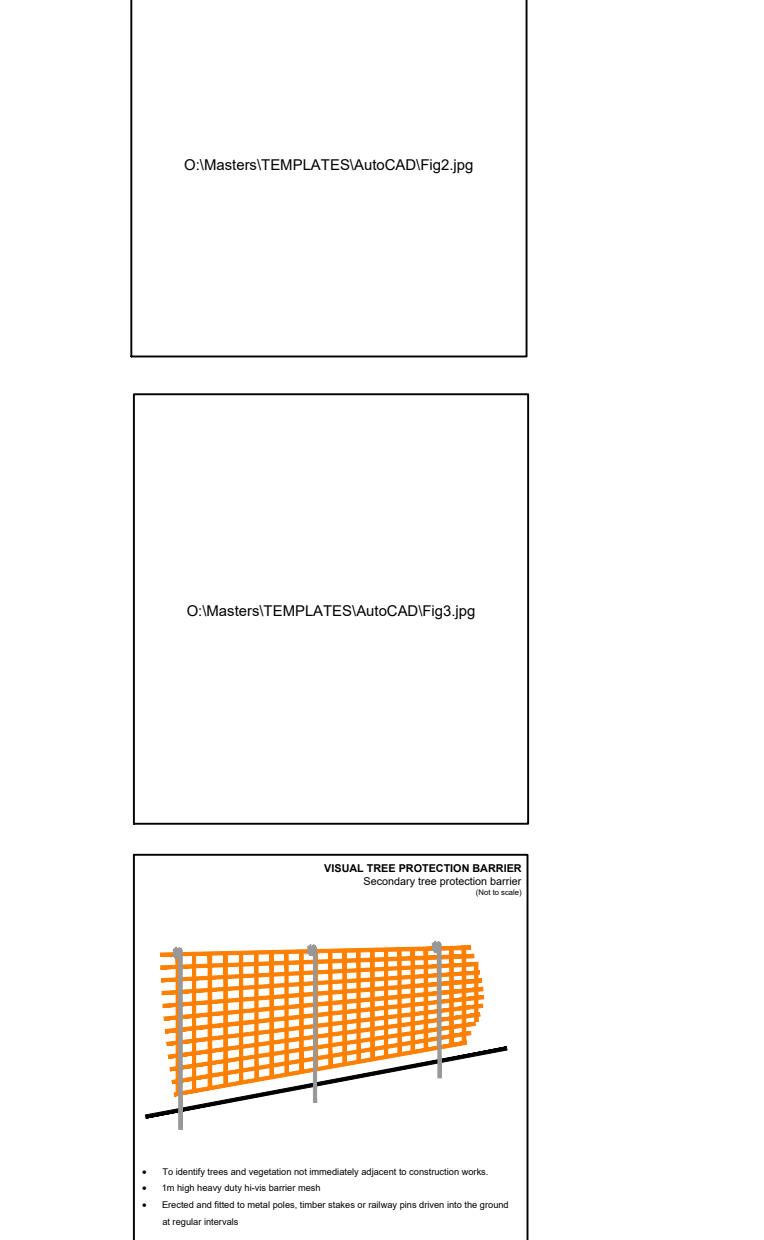
PINS Reference Number: TR020005



- ### Key
- Site boundary
 - Survey boundary
 - Tree with numbered reference. Canopy spread and coloured BS5837:2012 tree quality category as shown below.
 - = Tree details estimate (accessible 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 - Unsuitable for retention
- Direction of first significant branch
 - Roof protection area (RPA). Calculated in accordance with Section 4.6.
 - 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 (best 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
- Survey details on visual inspection for further details.
- Survey details on visual inspection from the ground and is not intended as a full arboricultural inspection.
- The analysis is in accordance with recommendations set out in BS 5837:2012 - "Trees in Relation to Design, Demolition and Construction".
- Survey based upon Aerial Photography and Tree Records to view.



Environmental Statement

DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 11 of 13

DATE
June 2024

ORIENTATION N	DRAWING NO. 760	REVISION For ES Issue
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SCALE @ A0
 0m 25m 50m

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Key

- Site boundary
- Survey boundary
- Tree with numbered reference. Canopy extent 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.

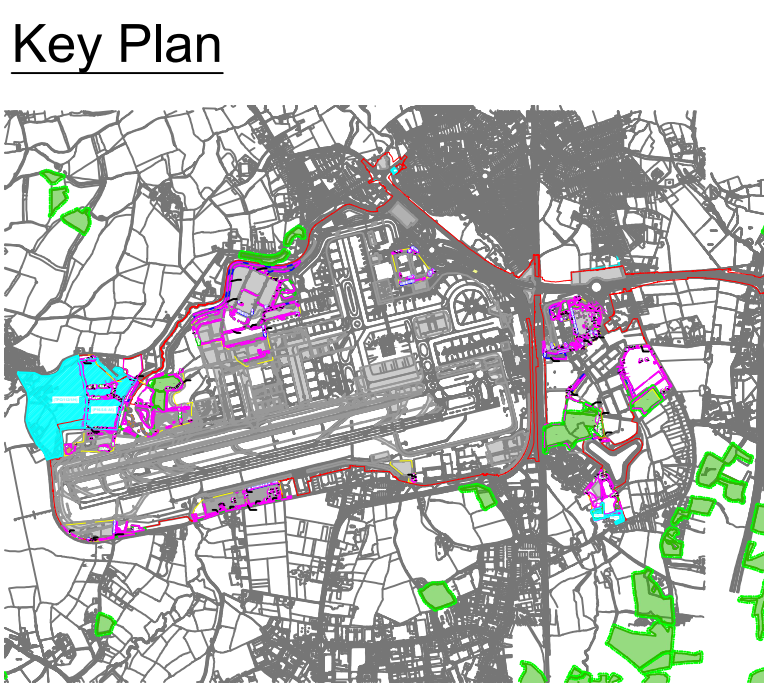
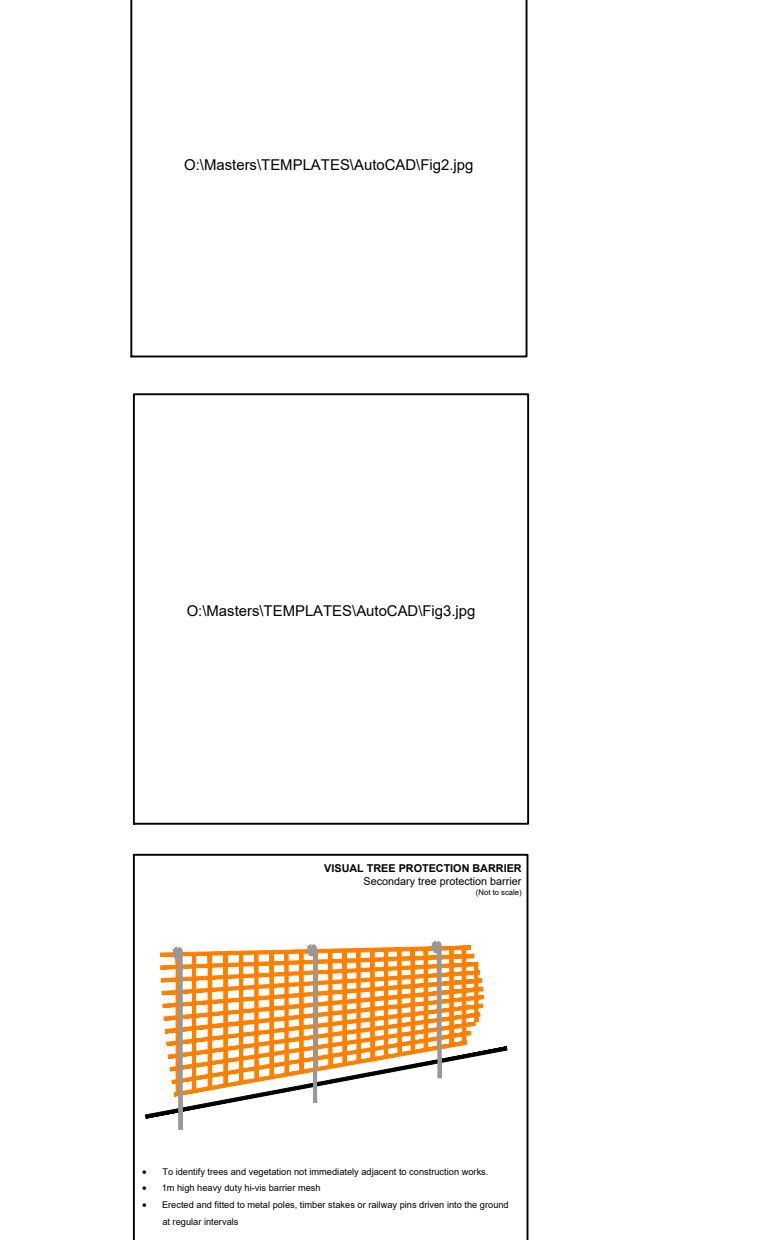
BS 5837:2012 Tree Quality Categories - Table 1

- Category A - High quality
- Category B - Moderate quality
- Category C - Low quality
- Category U - 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 (best 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/V 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.
- Some trees are at visual risk from the ground and are not intended as a full arboricultural inspection.
- The location of any trees with recommendations set out in BS 5837:2012 - "Trees in Relation to Design, Demolition and Construction" should be noted on site photographs and trees listed in the Key Plan.



DOCUMENT

Environmental Statement

DRAWING TITLE
Airport Preliminary Tree Removal & Protection Plans
 Appendix 5.3.2 Annex 6
 Sheet 12 of 13

DATE
June 2024

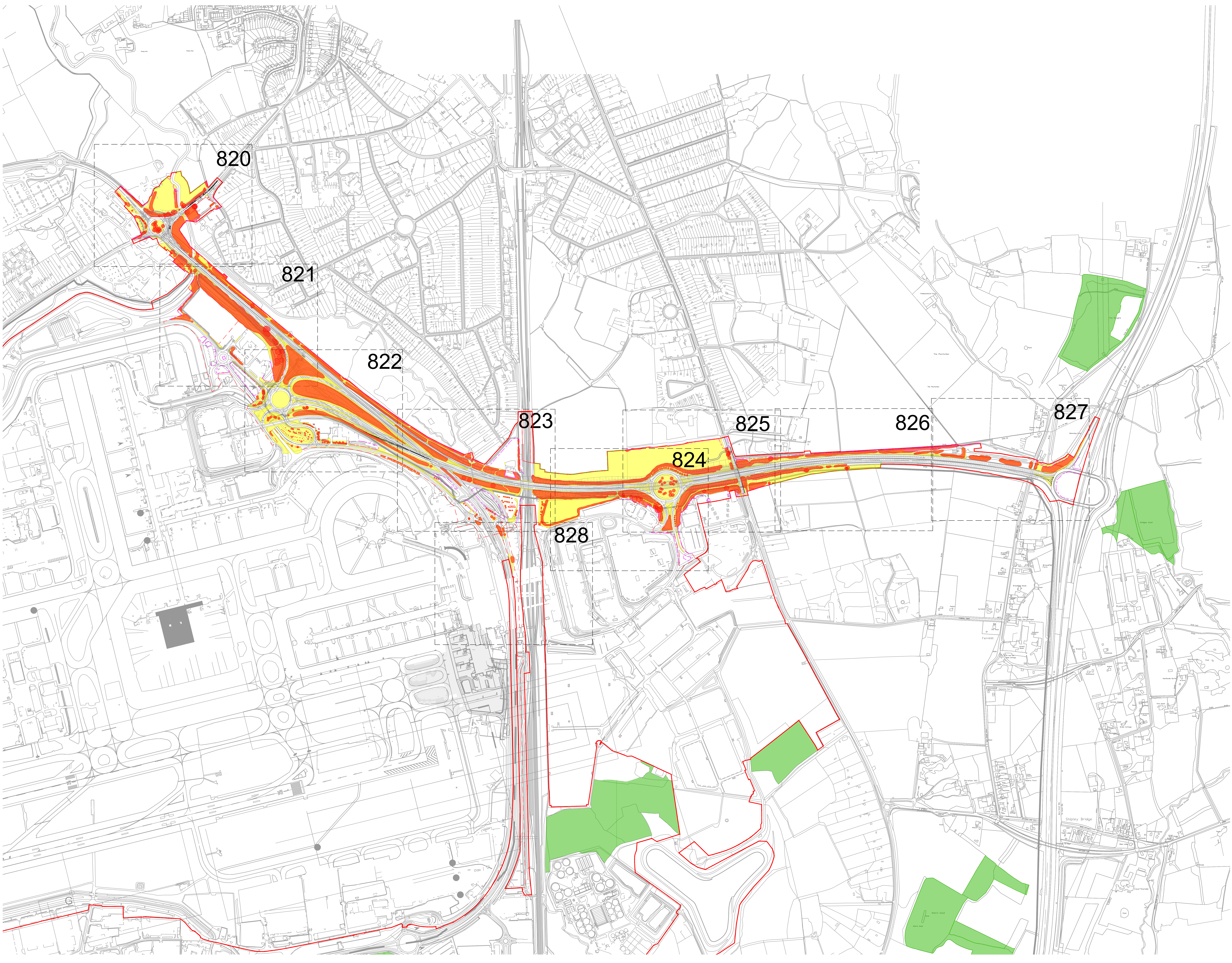
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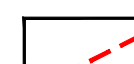



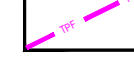
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Appendix C
M23 & A23 Preliminary Vegetation Removal & Protection Plans

~~[to be submitted at Deadline 4]~~



Legend

-  Site Boundary
-  Survey Boundary / Boundary of M23/A23 construction activity
-  Projected Tree Loss (Worst Case Scenario)
-  Projected Vegetation Loss (Worst Case Scenario)
-  Indicative temporary protective 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 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.

DOCUMENT
Environmental Statement

DRAWING TITLE
M23 & A23 Preliminary Vegetation Removal & Protection Plans Appendix 5.3.2 Annex 6 Overview


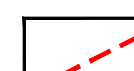
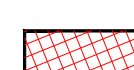
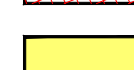
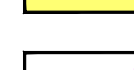

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June 2024

ORIENTATION N	DRAWING NO. 829	REVISION For ES Issue
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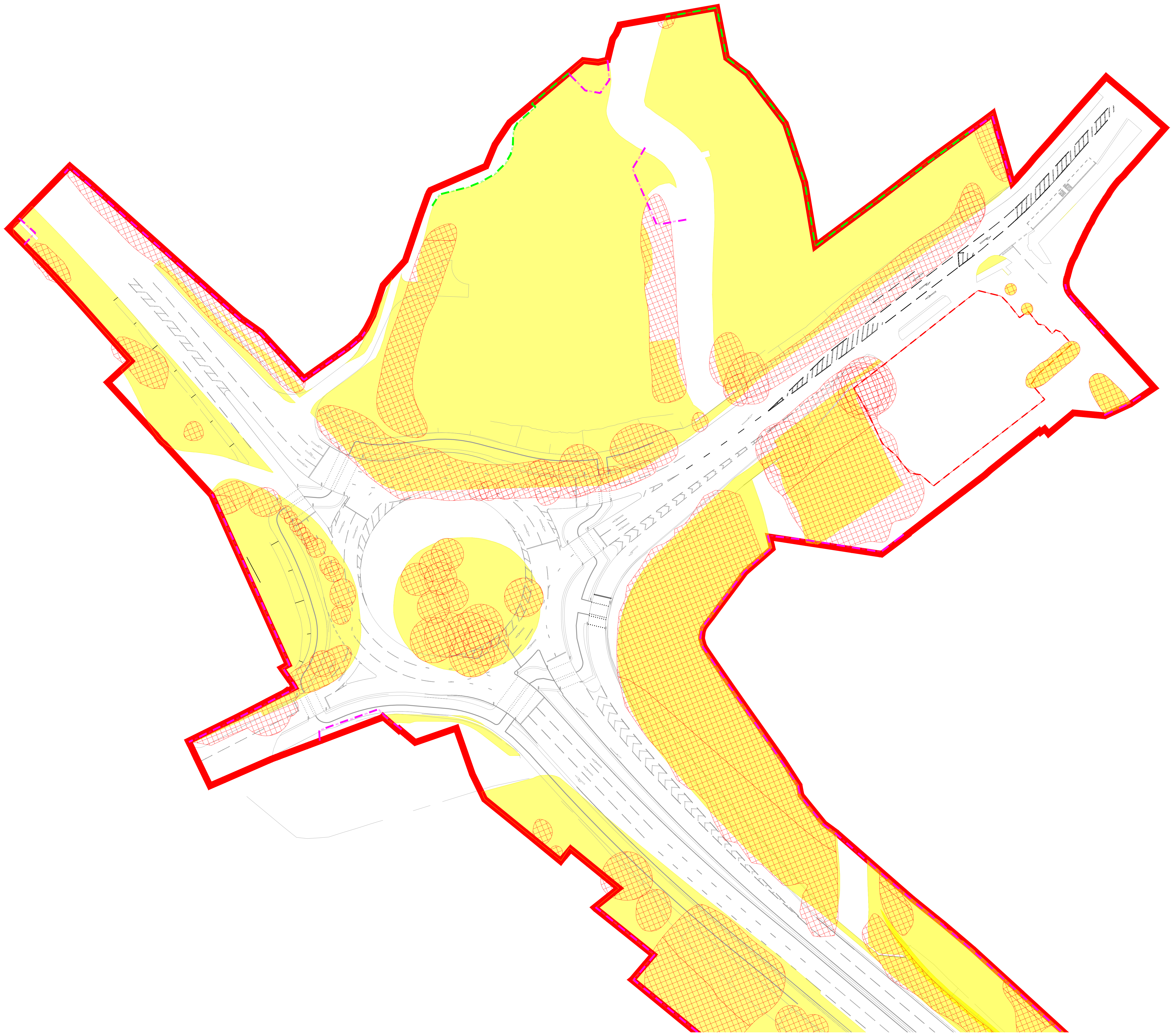
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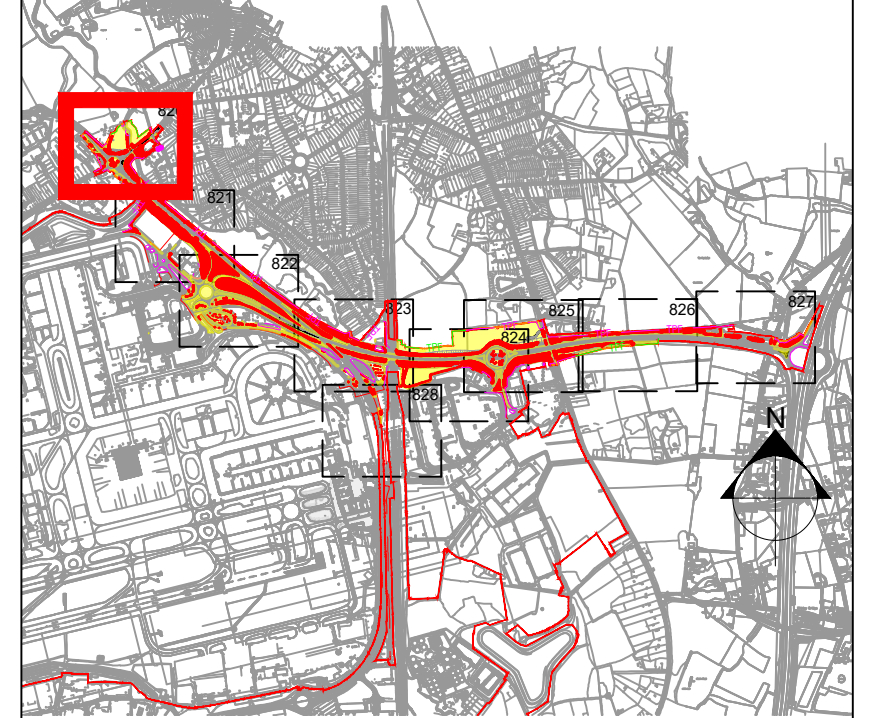
-  Site Boundary
-  Survey Boundary / Boundary of M23/A23 construction activity
-  Projected Tree Loss (Worst Case Scenario)
-  Projected Vegetation Loss (Worst Case Scenario)
-  Indicative temporary protective fence line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
-  Indicative vegetation protective fence line; Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix 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 ES 5.3.2.12 - '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
M23 & A23 Preliminary Vegetation Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 1 of 9


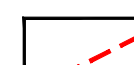



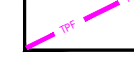
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June 2024

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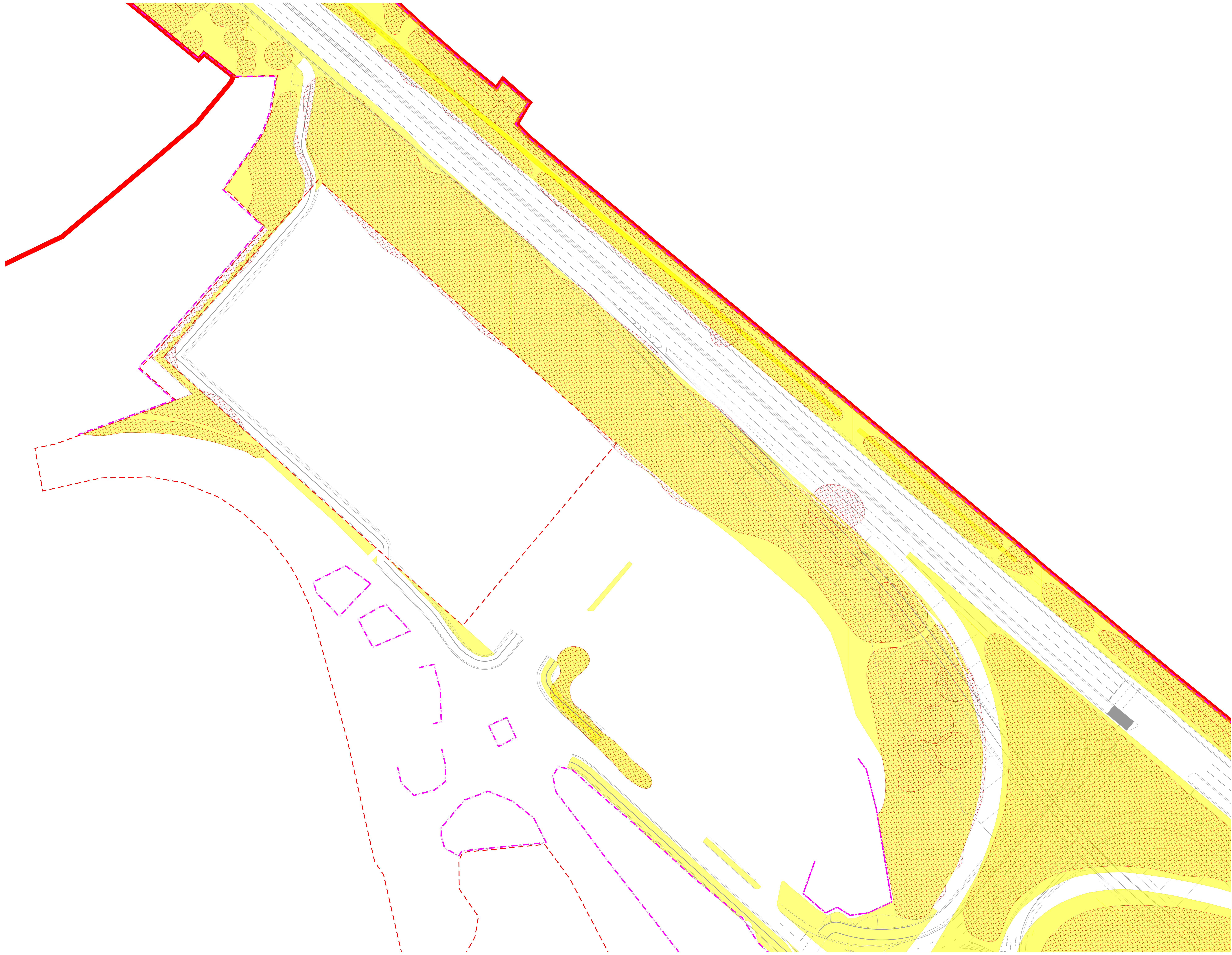
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Legend

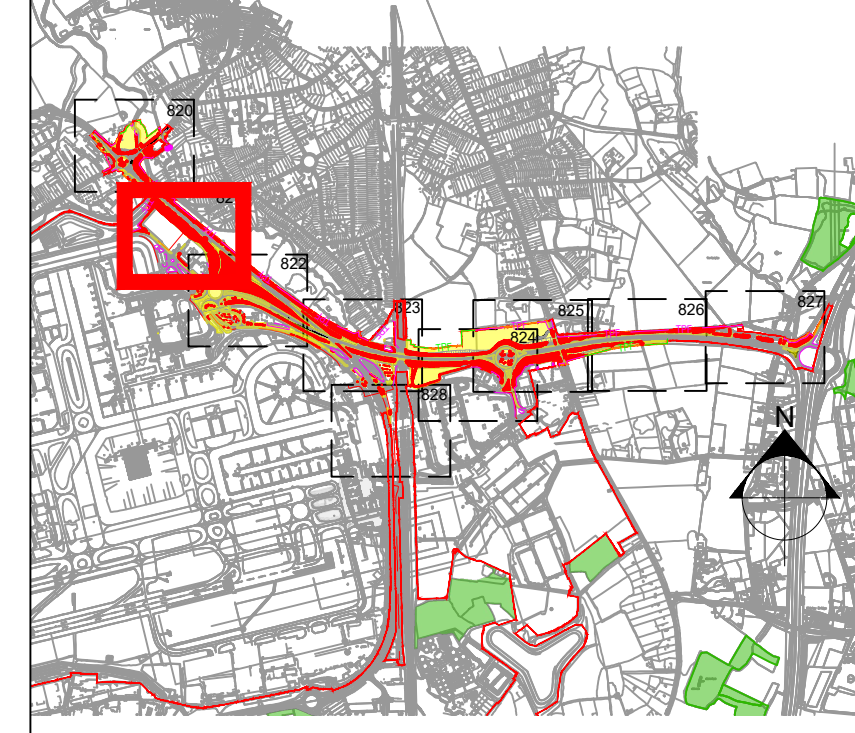
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-  Survey Boundary / Boundary of M23/A23 construction activity
-  Projected Tree Loss (Worst Case Scenario)
-  Projected Vegetation Loss (Worst Case Scenario)
-  Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
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NOTES:

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- 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

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M23 & A23 Preliminary Vegetation Removal & Protection Plans Appendix 5.3.2 Annex 6 Sheet 2 of 9


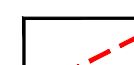



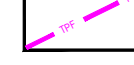
DATE
June 2024

ORIENTATION N ▲	DRAWING NO. 821	REVISION For ES Issue
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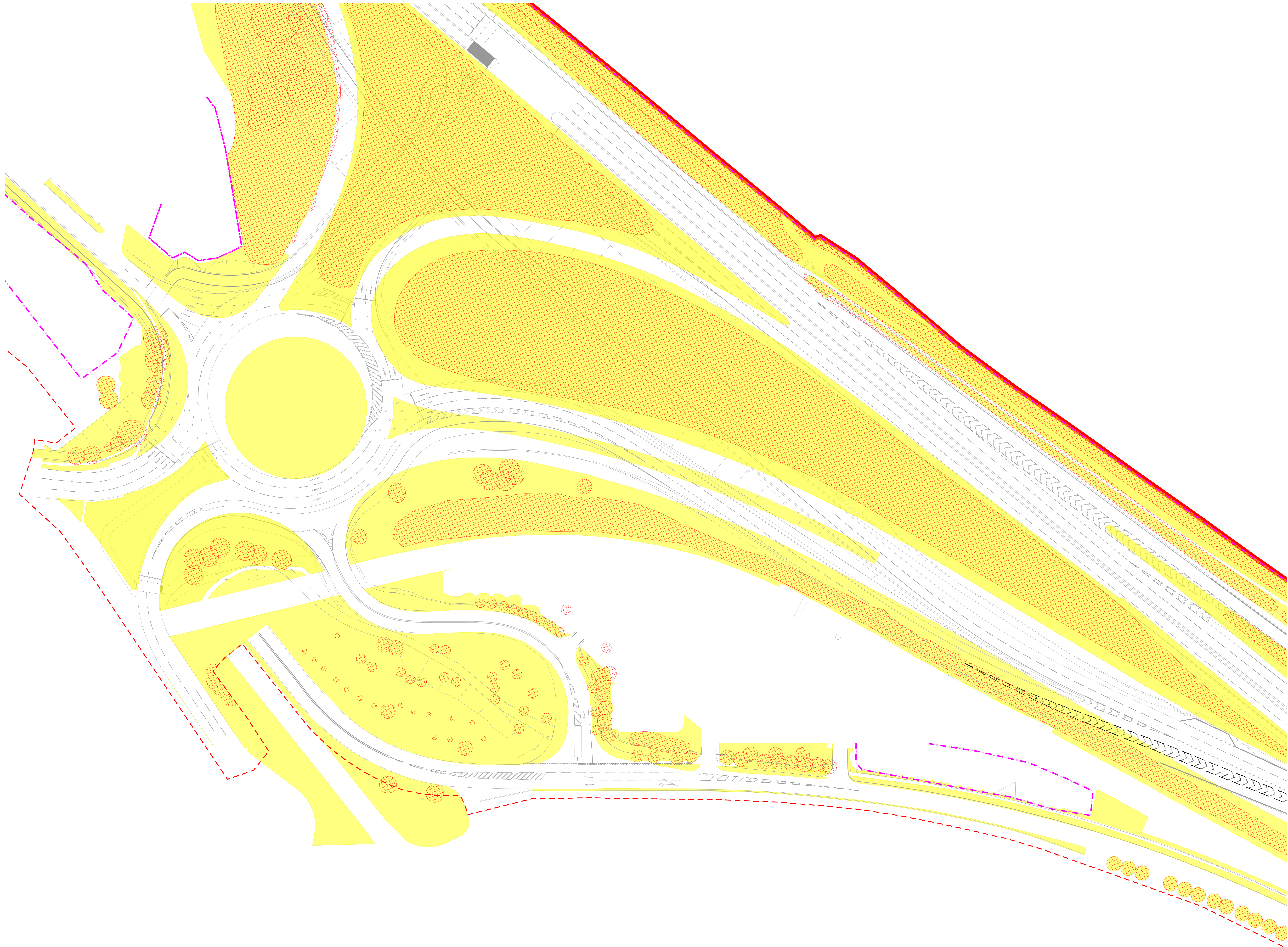
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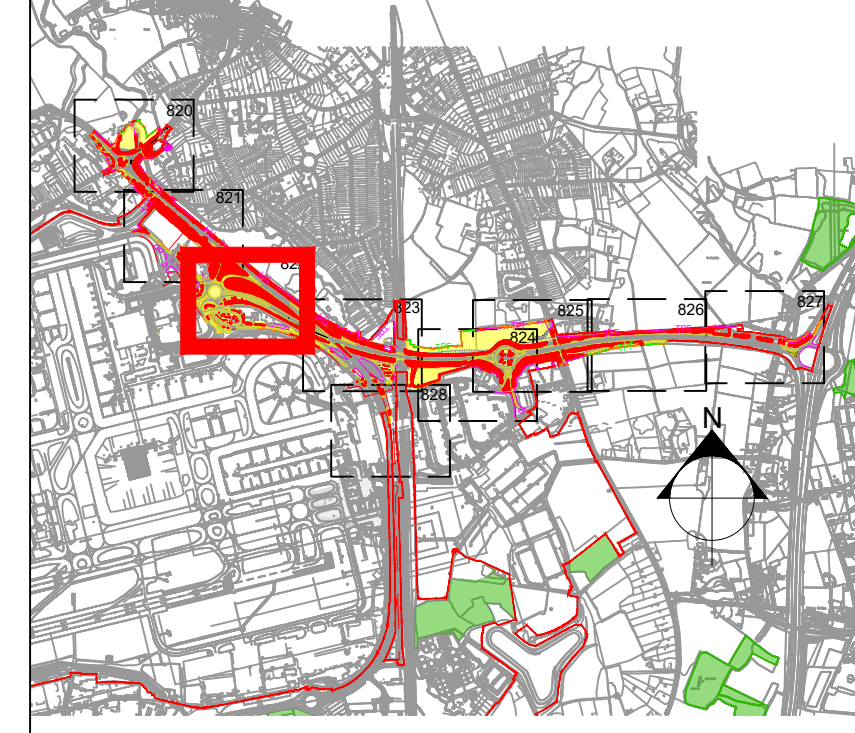
-  Site Boundary
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NOTES:

- 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 ES 5.8.37.2012 - '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
M23 & A23 Preliminary Vegetation Removal & Protection Plans Appendix 5.3.2 Annex 6 Sheet 3 of 9


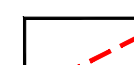



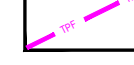
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June 2024

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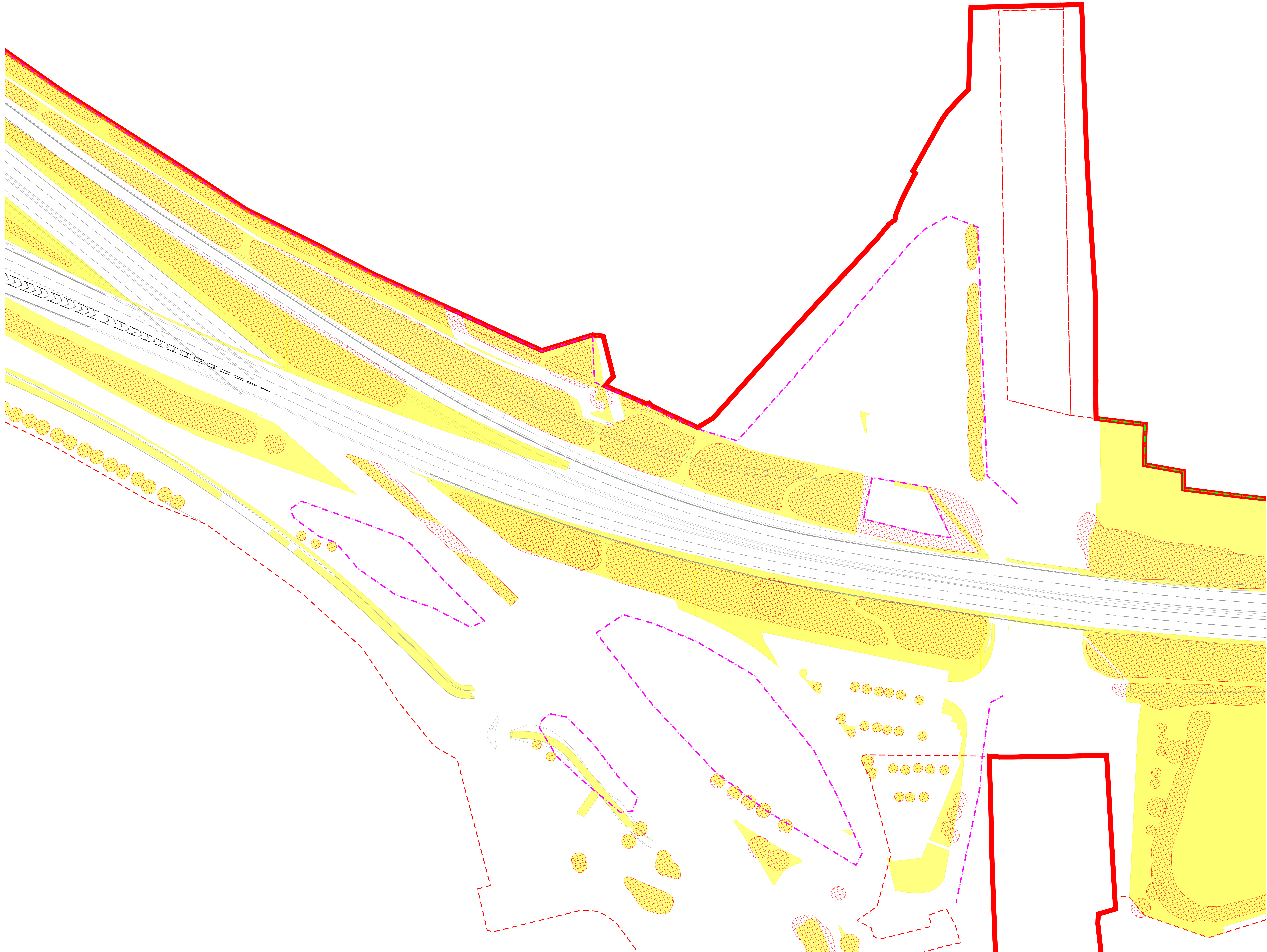
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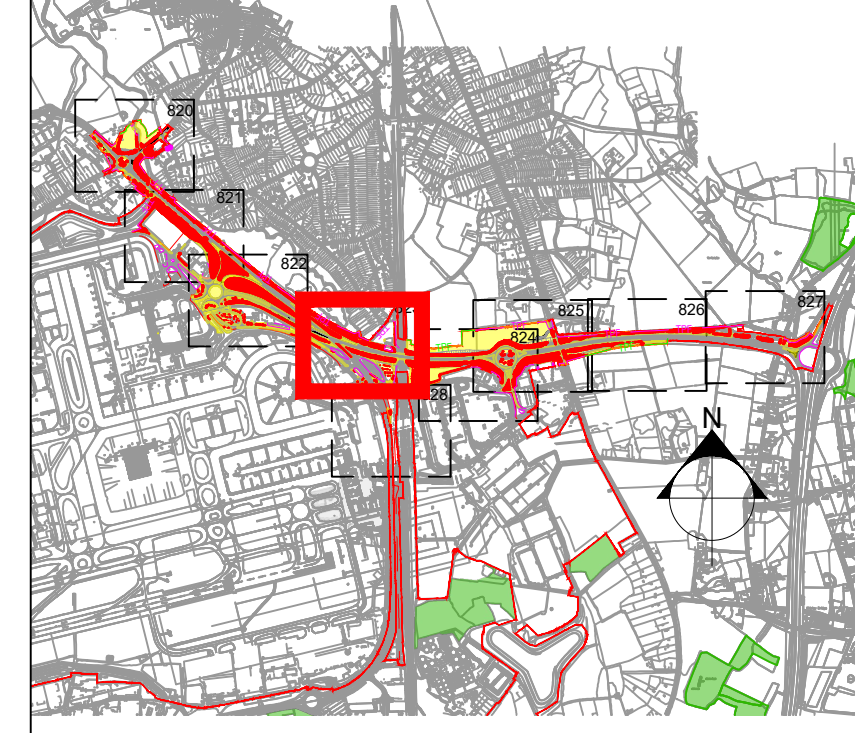
-  Site Boundary
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NOTES:

- 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.
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- Survey based upon Aerial Photography and trees located by eye.



Key Plan




DOCUMENT

Environmental Statement

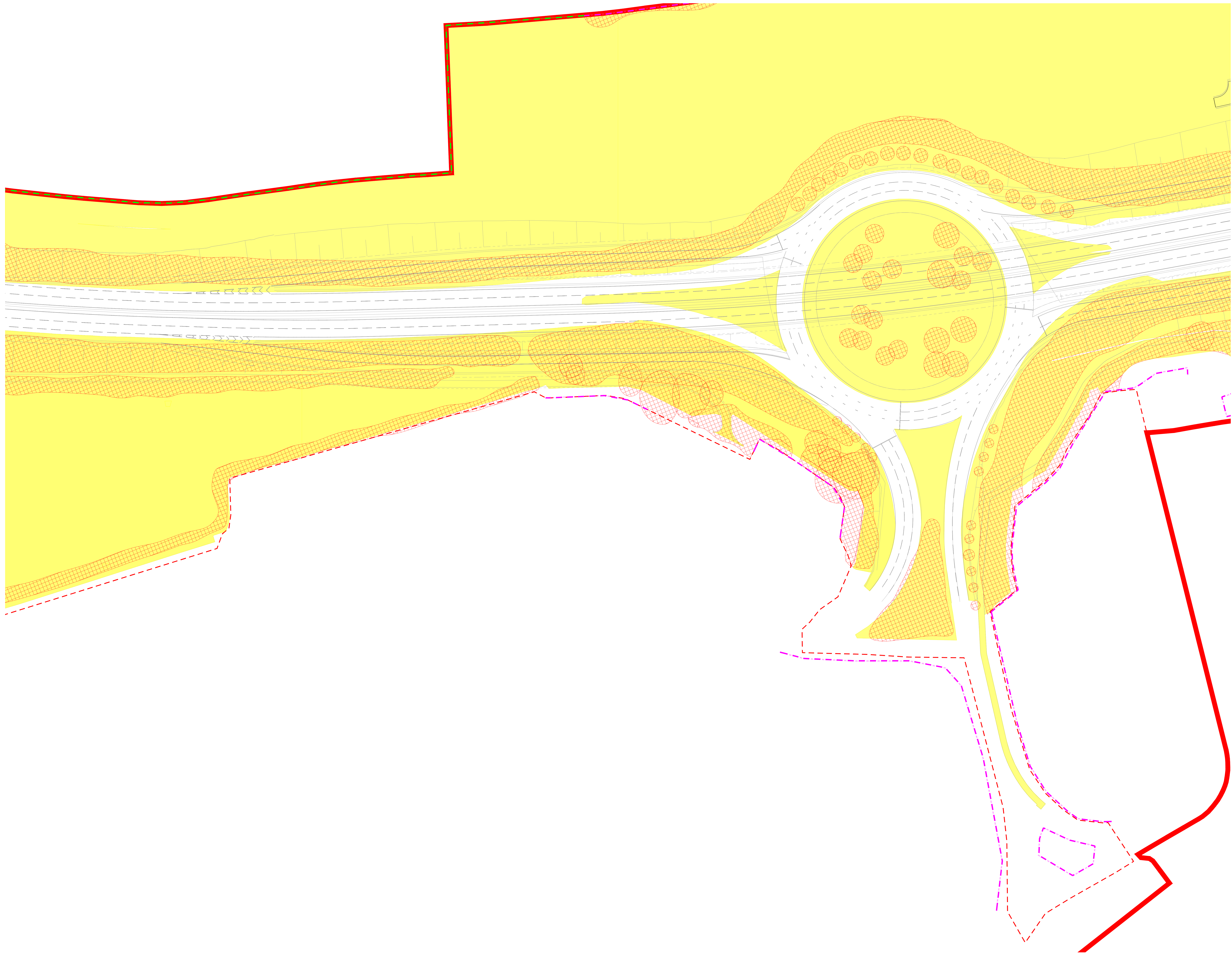
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M23 & A23 Preliminary Vegetation Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 4 of 9

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ORIENTATION  N	DRAWING NO. 823	REVISION For ES Issue
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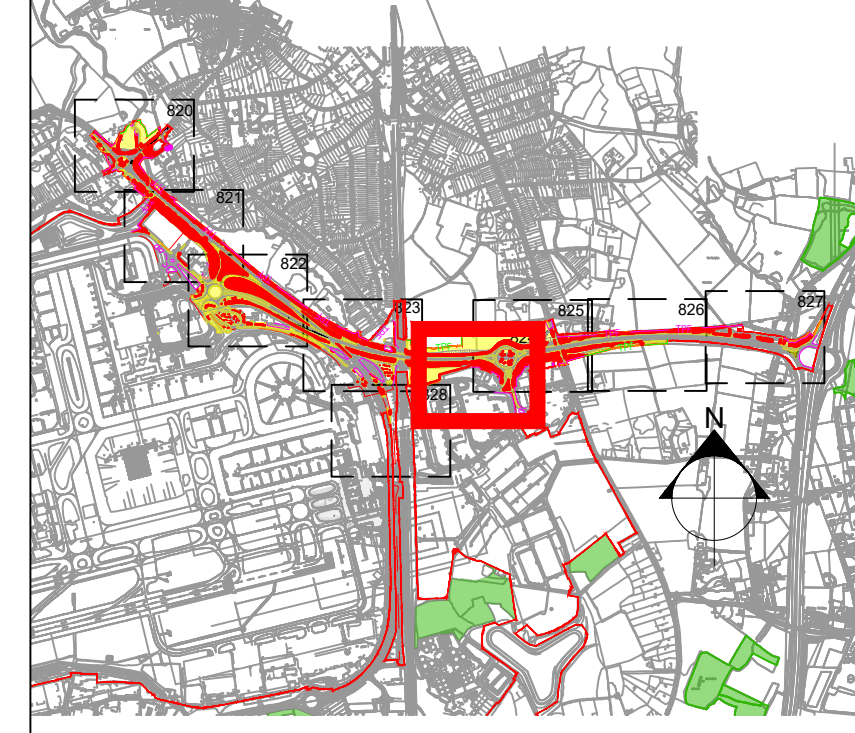
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-  Site Boundary
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Key Plan




DOCUMENT

Environmental Statement

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M23 & A23 Preliminary Vegetation Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 5 of 9


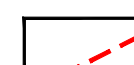



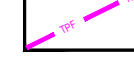
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June 2024

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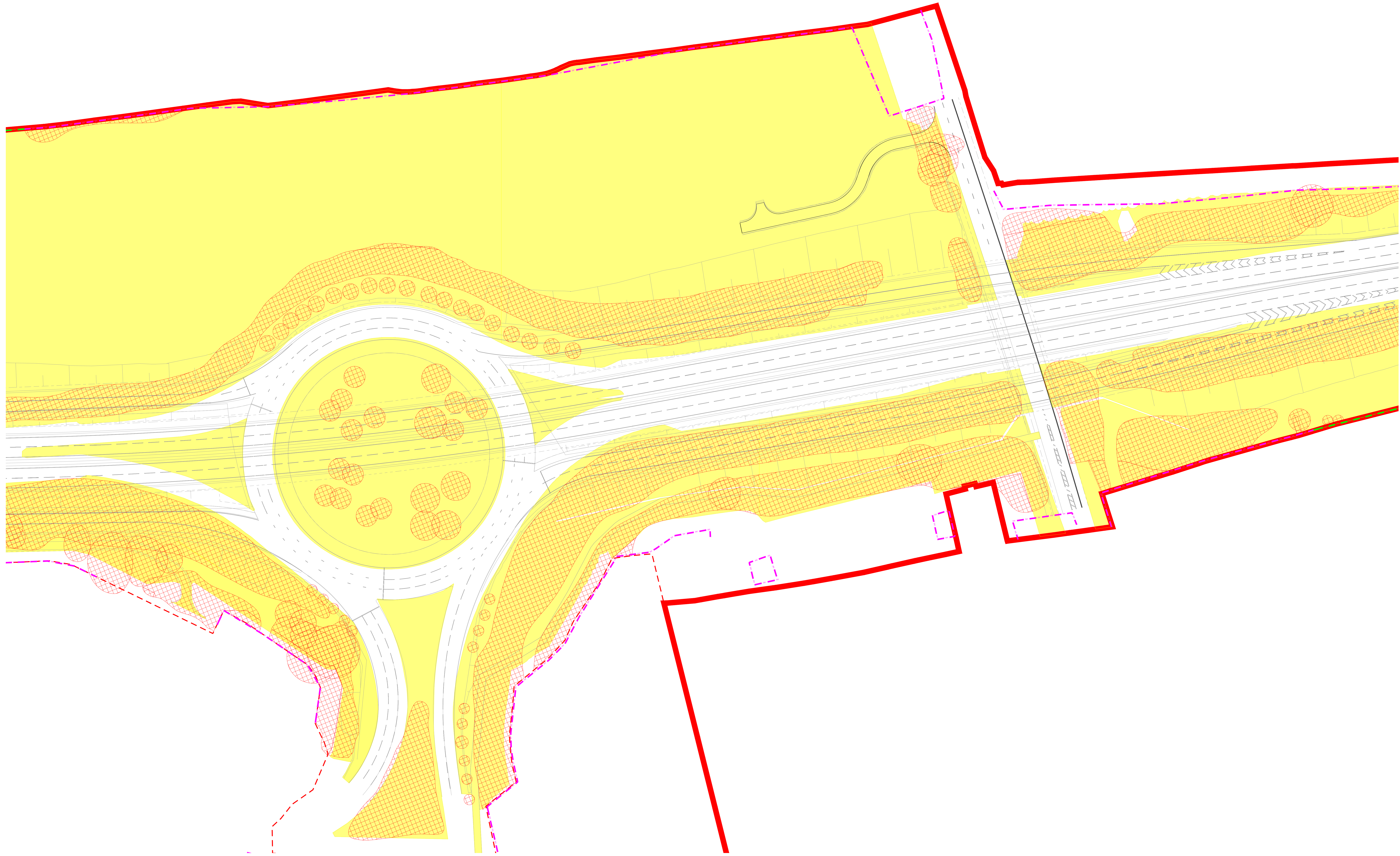
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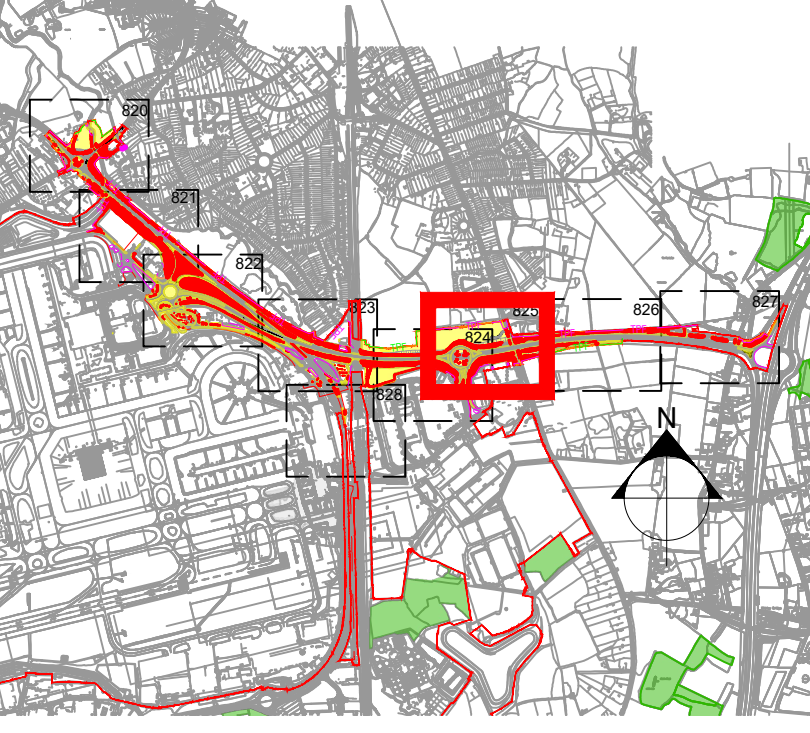
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Key Plan



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M23 & A23 Preliminary Vegetation Removal & Protection Plans Appendix 5.3.2 Annex 6 Sheet 6 of 9


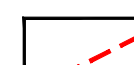



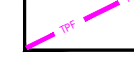
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June 2024

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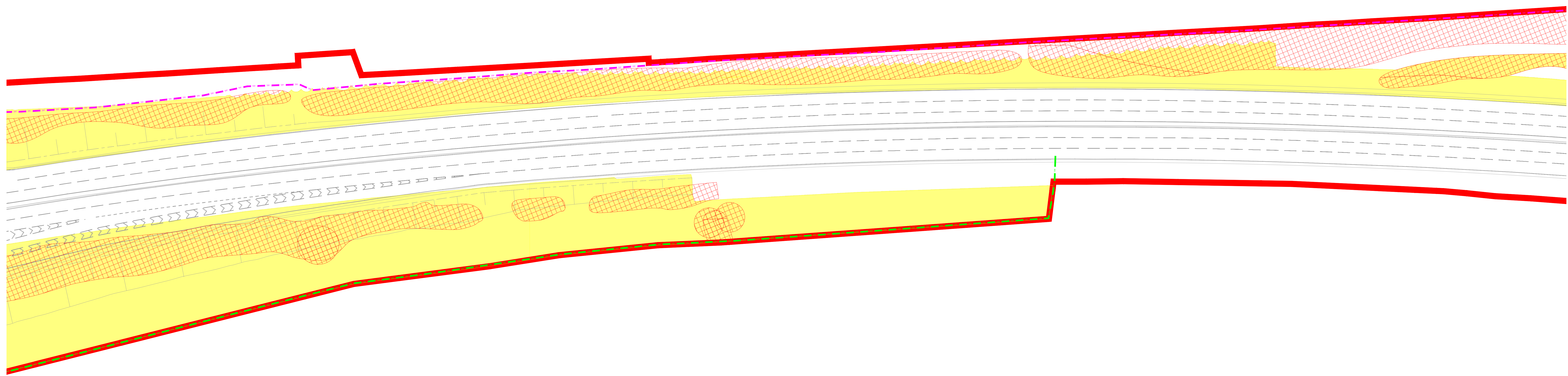
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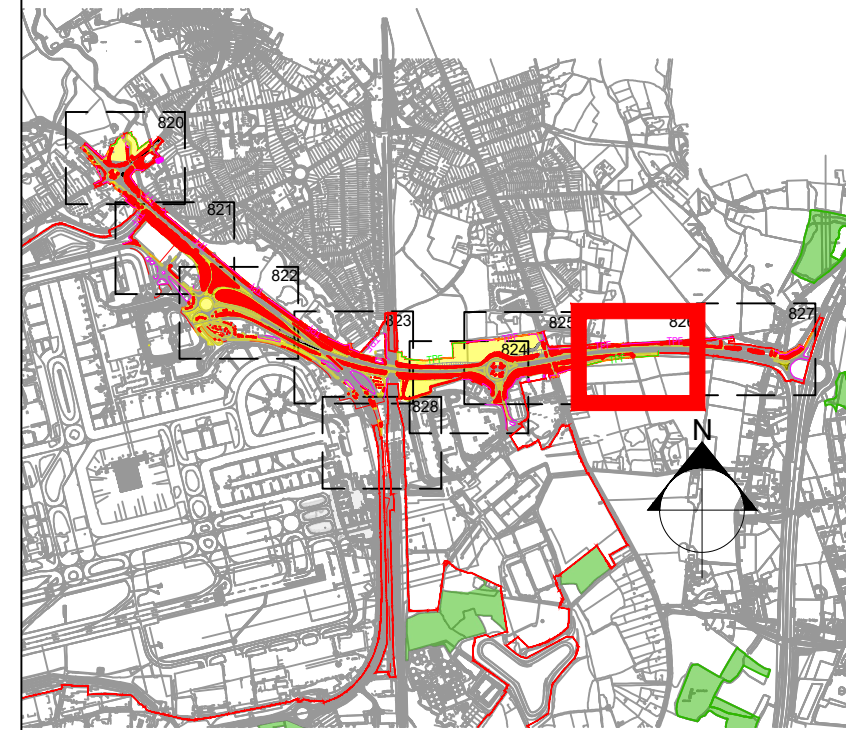
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-  Site Boundary
-  Survey Boundary / Boundary of M23/A23 construction activity
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- NOTES:**
- Refer to ES Appendix 8.10.1: Tree Survey Report and Arboricultural Impact Assessment for further details.
 - 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
M23 & A23 Preliminary Vegetation
Removal & Protection Plans
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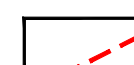



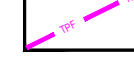
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June 2024

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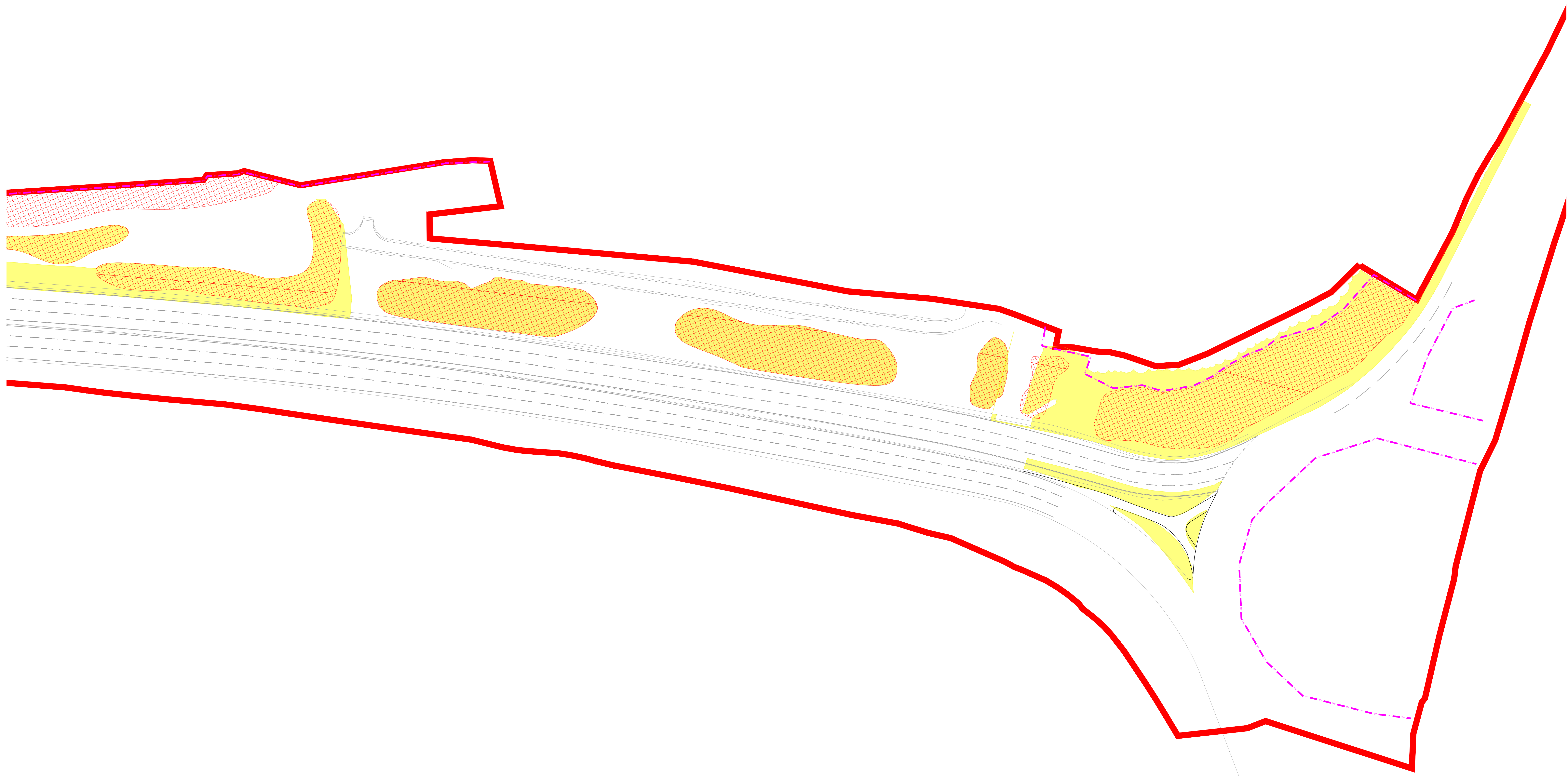
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Legend

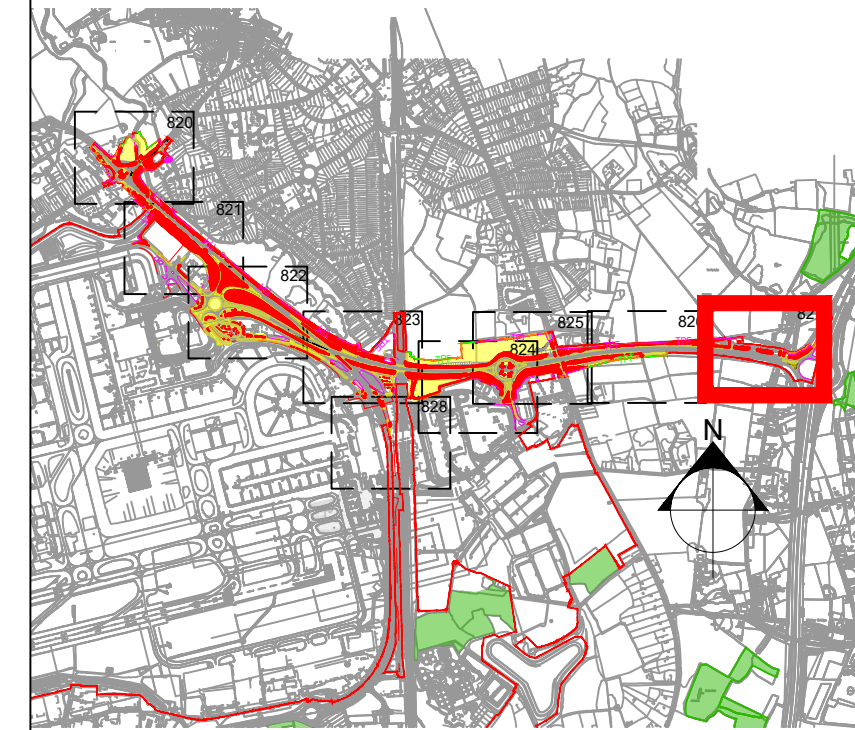
-  Site Boundary
-  Survey Boundary / Boundary of M23/A23 construction activity
-  Projected Tree Loss (Worst Case Scenario)
-  Projected Vegetation Loss (Worst Case Scenario)
-  Indicative temporary protective fence/line in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
-  Indicative vegetation protective fence/line; Design and location to be agreed by local council during detail design.

NOTES:

- Refer to ES Appendix 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 ES 5.8.37.2012 - '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
M23 & A23 Preliminary Vegetation Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 8 of 9

DATE
June 2024

 N	DRAWING NO. 827	REVISION For ES Issue
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