

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
- Root 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 Hi-Viz 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 Report Assessment for further details.
 - Survey based on a visual inspection from the ground and is not intended as a full arboricultural inspection.
 - Plan created 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.

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2020/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/123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Key

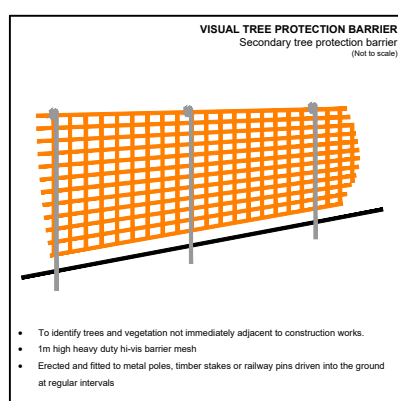
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Key Plan



DOCUMENT

Environmental Statement

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

DATE

June 2024

ORIENTATION



DRAWING NO.

761

REVISION

For ES Issue

DRAWN BY

RC

PM / CHECKED BY

DC

SCALE @ A0

0m 25m 50m

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**LONDON
GATWICK**

Key

-
- Boundary**
- Site boundary
 - Survey boundary
- Tree Quality**
- Tree with numbered reference
 - Category 1 - Good and coloured BS8582:2012 tree quality category as shown below
 - Category 2 - Fair and coloured BS8582:2012 tree quality category as shown below
 - Category 3 - Poor and coloured BS8582:2012 tree quality category as shown below
 - Category 4 - Very poor and coloured BS8582:2012 tree quality category as shown below
 - Category 5 - Tree in off-site location
- Vegetation**
- Tree or Vegetation group with numbered reference
 - Category 1 - Excellent and coloured BS8582:2012 tree quality category as shown below
 - Category 2 - Good and coloured BS8582:2012 tree quality category as shown below
 - Category 3 - Fair and coloured BS8582:2012 tree quality category as shown below
 - Category 4 - Poor and coloured BS8582:2012 tree quality category as shown below
 - Category 5 - Very poor and coloured BS8582:2012 tree quality category as shown below
- Woodland**
- Woodland with numbered reference
 - Category 1 - Excellent and coloured BS8582:2012 tree quality category as shown below
 - Category 2 - Good and coloured BS8582:2012 tree quality category as shown below
 - Category 3 - Fair and coloured BS8582:2012 tree quality category as shown below
- Direction**
- Direction of frost significant branch
 - Root protection area (RPA)
 - Calculated in accordance with Section 4.6 - BS8582:2012
 - Valerian tree height (15 x stem cm) as per standing above produced by Forestry England and Natural England
 - Tree protected by Tree Preservation Order
 - Location number relates to the TPO reference
 - Designated Ancient Woodland
 - Site of Special Interest (Ancient woodland inventory, via open data website)
 - Ancient Woodland tree height (15m offset) as per standing above produced by Forestry England and Natural England
 - Proposed fence line required for construction of the Project (worst case scenario)
- Indicative Scheme Layout**
- Indicative temporary protective fence line in accordance with Section 4.2 - BS8582:2012. See below for example barriers.
 - Indicative secondary protective Hi-Vis fence in accordance with Section 4.3 - BS8582:2012. See below for example barriers.
 - Indicative vegetation protection barriers: Design and location to be agreed by local authority planning department

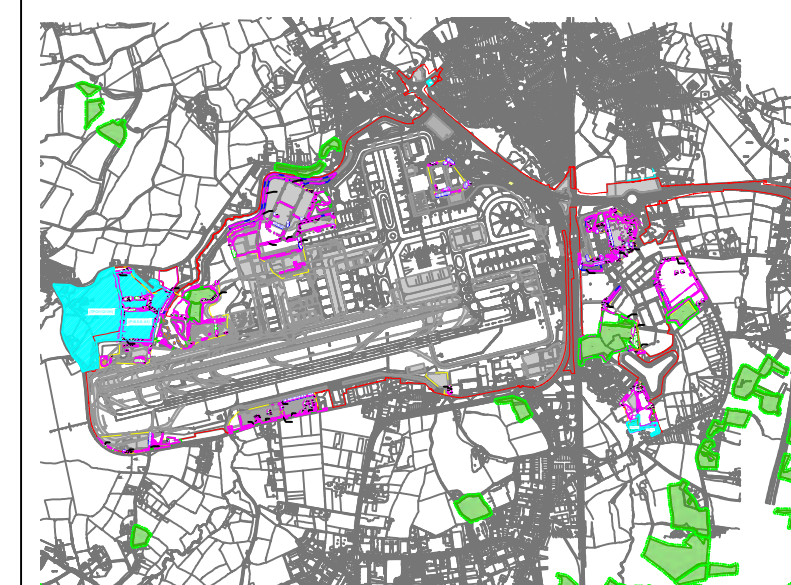
NOTES:

- 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.

Q:\Mastering\TEMPLATE2\AutoCAD\Fig2

VISUAL TREE PROTECT
Description: tree protect

Key Plan



DOCUMENT

Environmental Statement

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

DATE

June 2024

ORIENTATION

DRAWING NO.

762 For ES Issues

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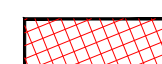
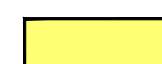
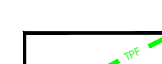
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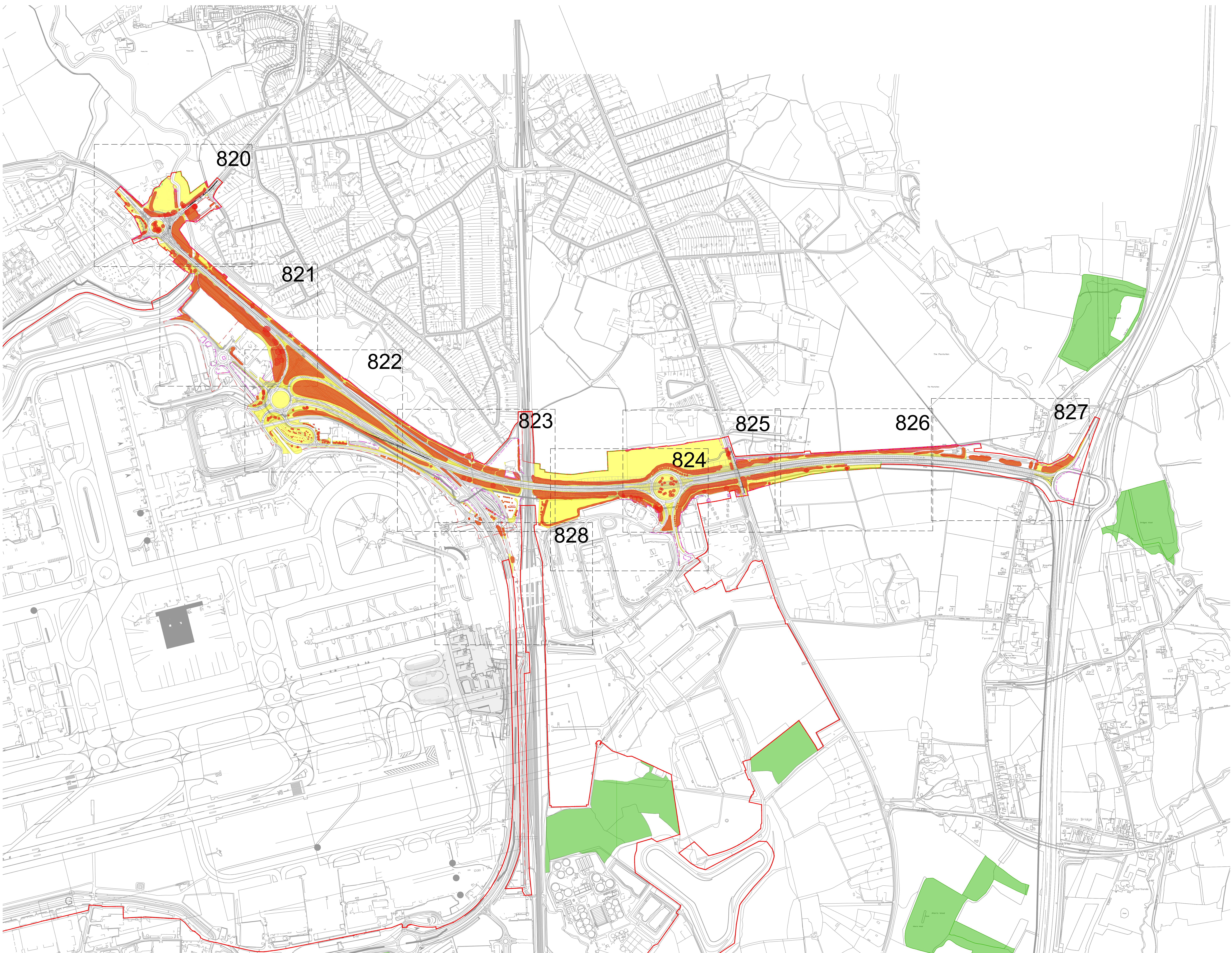
Appendix C
M23 & A23 Preliminary Vegetation Removal & Protection Plans
~~[to be submitted at Deadline 4]~~

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 fencing in accordance with Section 6.2 - BS5837:2012. See below for example barriers.
-  Indicative vegetation protective fence; Design and location to be agreed by local council during detail design.

NOTES:

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- 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

DATE
June 2024

ORIENTATION	DRAWING NO.	REVISION
	829	For ES Issue
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Custom Scale

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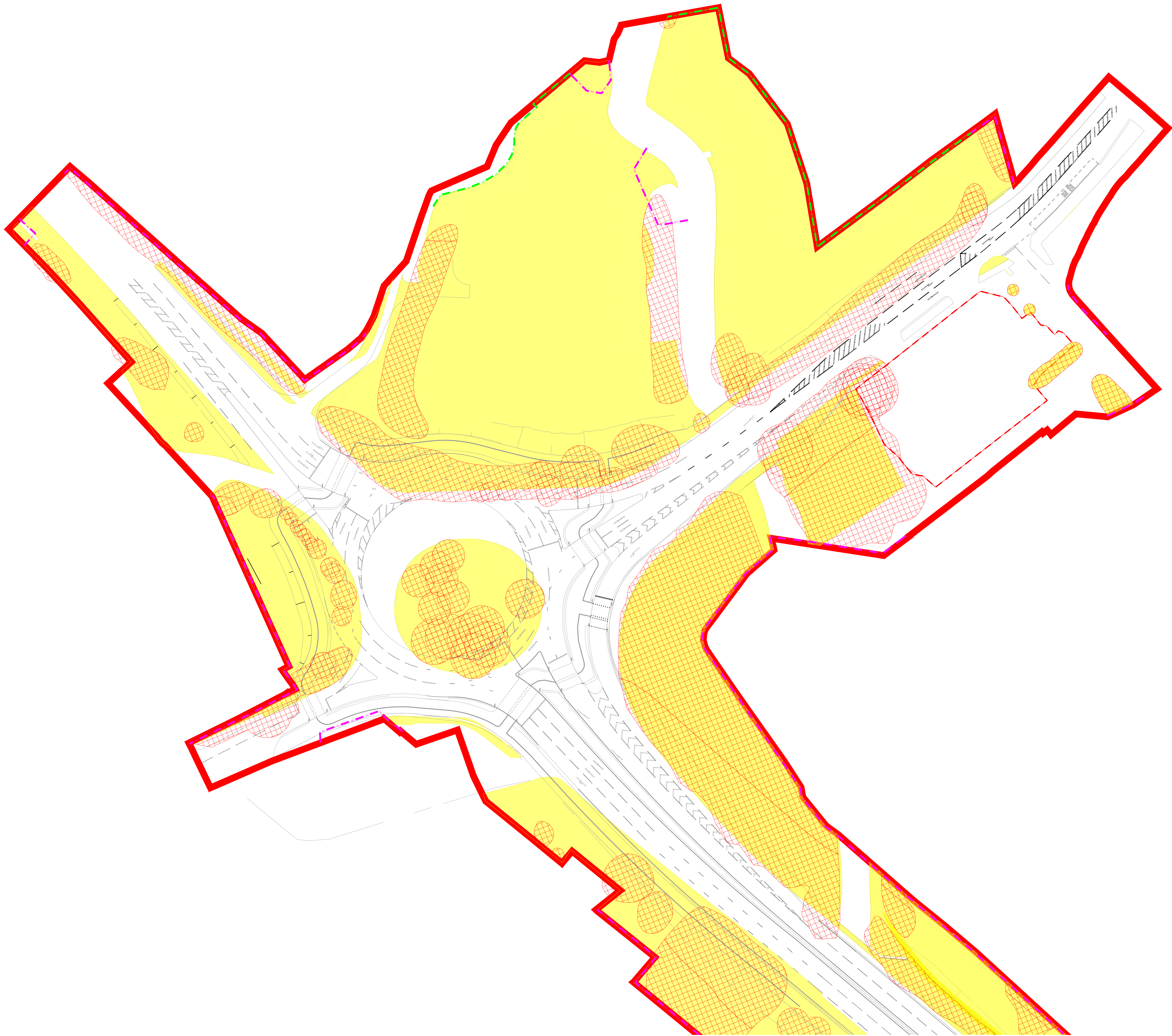
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Legend

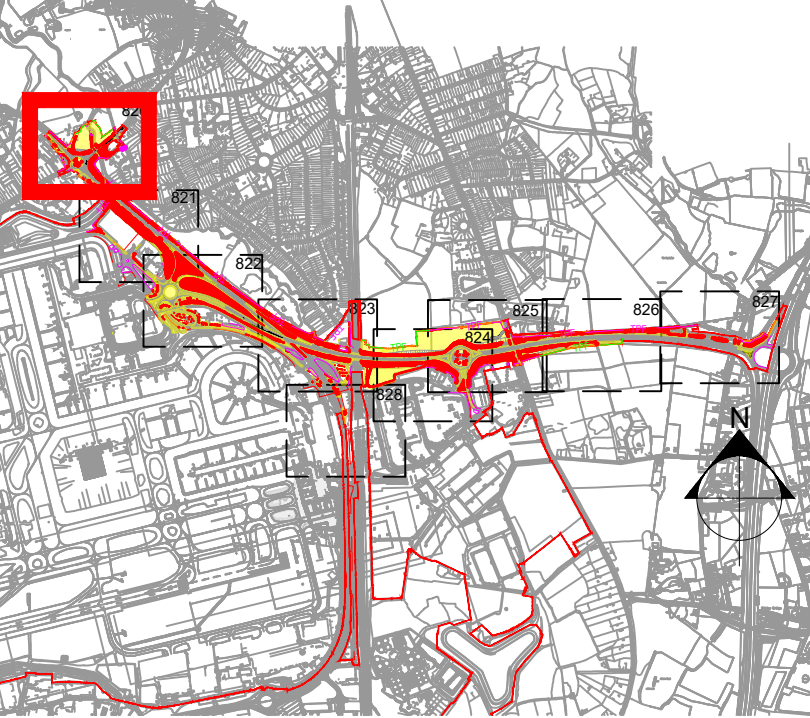
- Site Boundary
- Survey Boundary / Boundary of M23/A23 construction activity
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Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE
M23 & A23 Preliminary Vegetation
Removal & Protection Plans
Appendix 5.3.2 Annex 6
Sheet 1 of 9

DATE
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ORIENTATION	DRAWING NO.	REVISION
	820	For ES Issue
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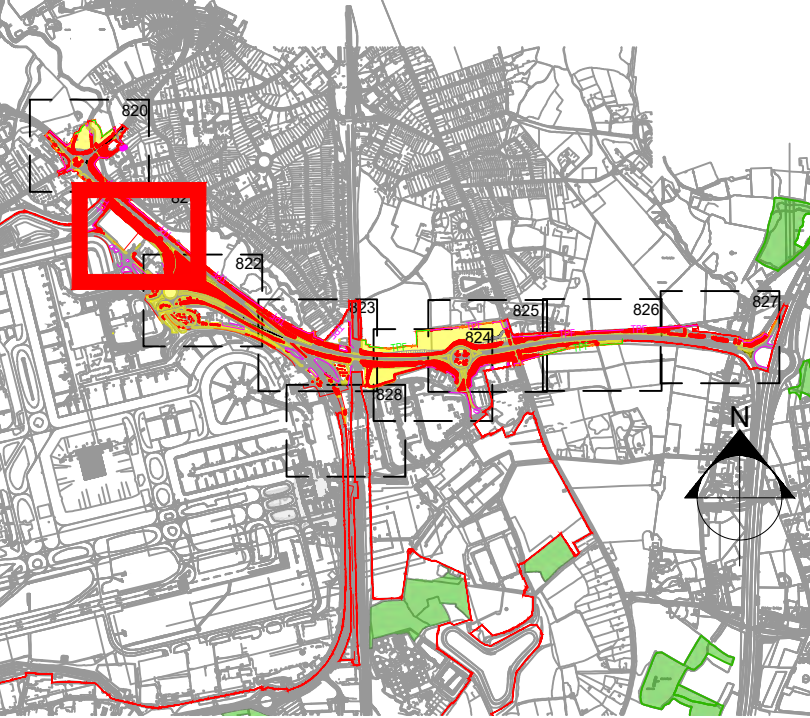
Legend

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Key Plan



DOCUMENT

Environmental Statement

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

DATE

June 2024

ORIENTATION



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821

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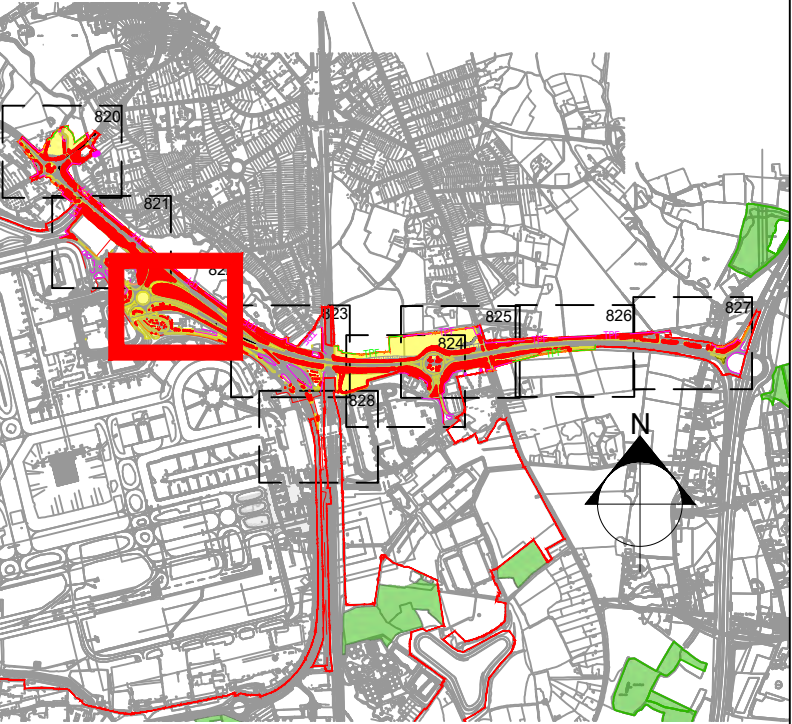
Legend

- Site Boundary
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- Projected Tree Loss (Worst Case Scenario)
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Key Plan



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Environmental Statement

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M23 & A23 Preliminary Vegetation
Removal & Protection Plans
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DATE

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ORIENTATION



DRAWING NO.

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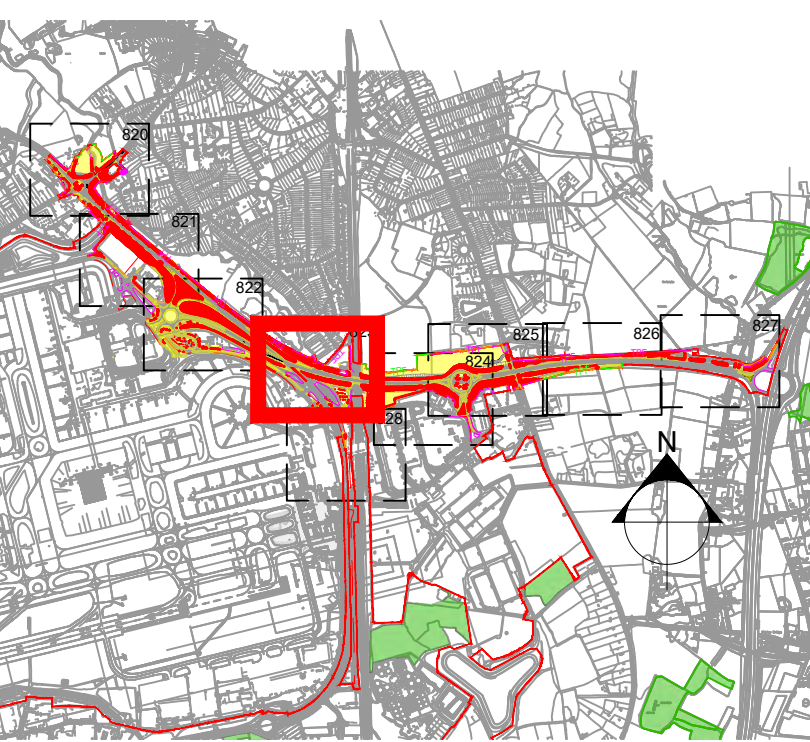
Legend

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Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE
M23 & A23 Preliminary Vegetation
Removal & Protection Plans
Appendix 5.3.2 Annex 6
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DATE
June 2024

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	823	For ES Issue
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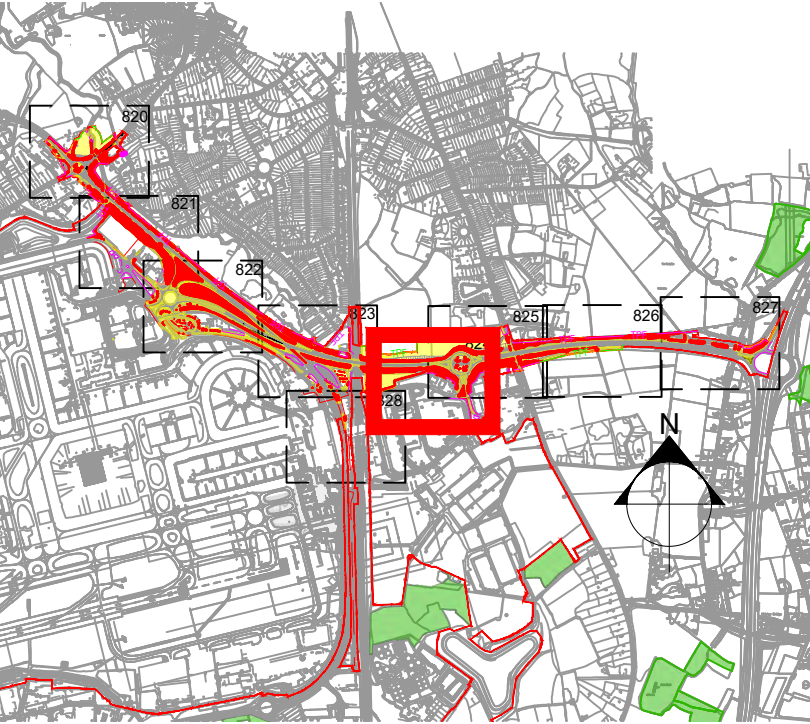
Legend

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Key Plan



DOCUMENT

Environmental Statement

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M23 & A23 Preliminary Vegetation
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DATE
June 2024

ORIENTATION	DRAWING NO.	REVISION
	824	For ES Issue
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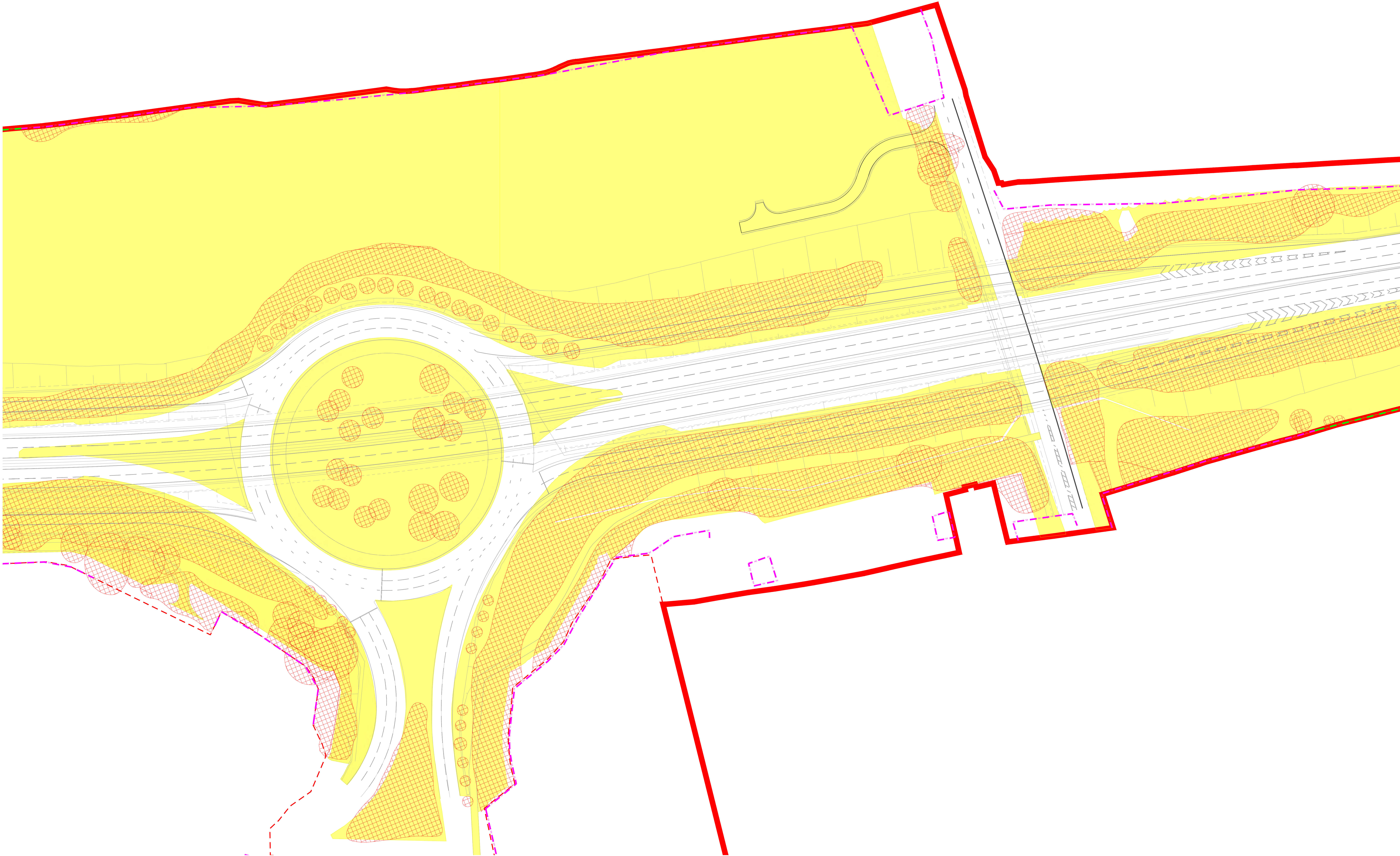
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Legend

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Key Plan



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Environmental Statement

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M23 & A23 Preliminary Vegetation
Removal & Protection Plans
Appendix 5.3.2 Annex 6
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DATE
June 2024

ORIENTATION	DRAWING NO.	REVISION
N	825	For ES Issue
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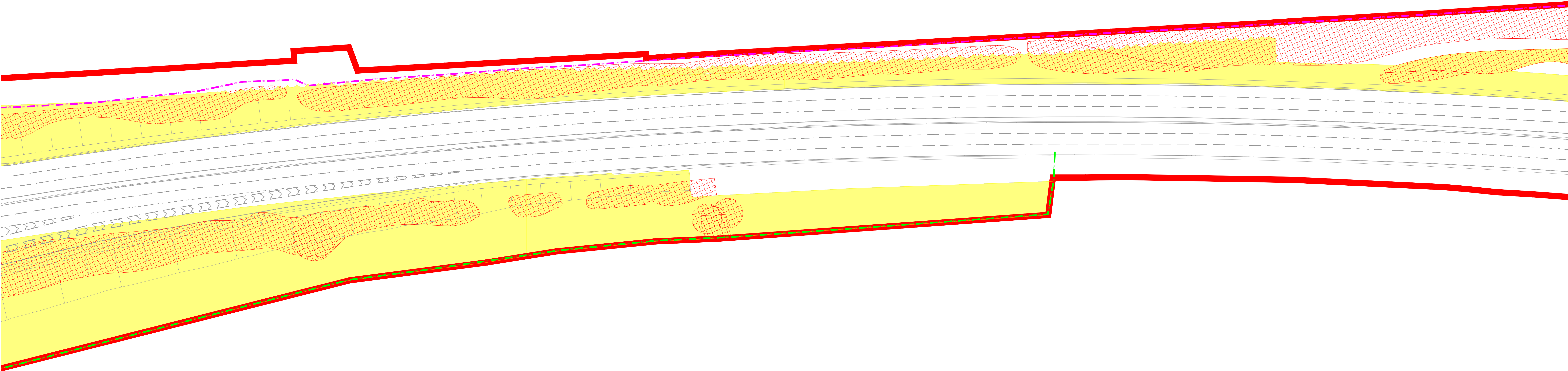
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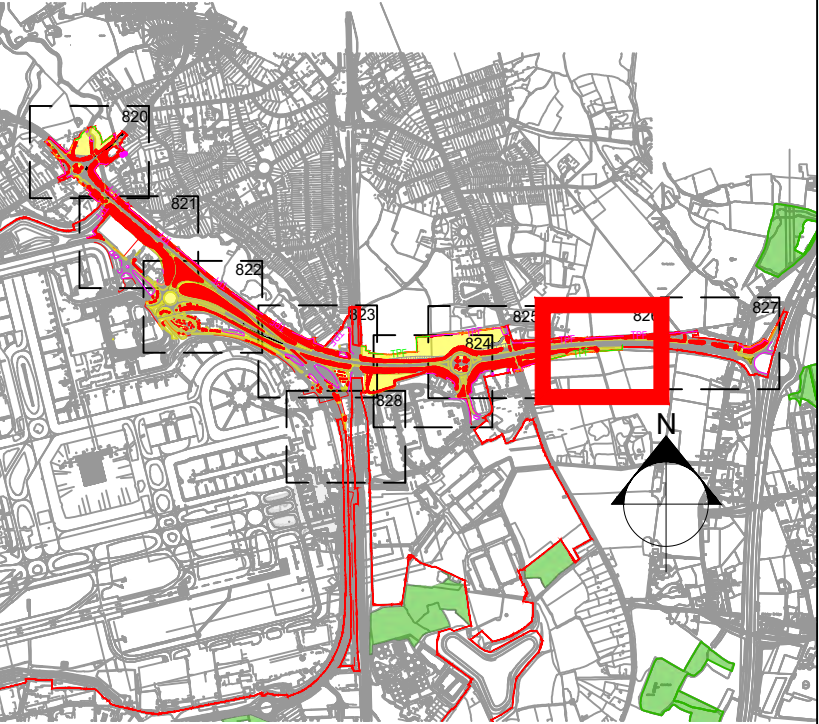
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Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE
M23 & A23 Preliminary Vegetation
Removal & Protection Plans
Appendix 5.3.2 Annex 6
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DATE
June 2024

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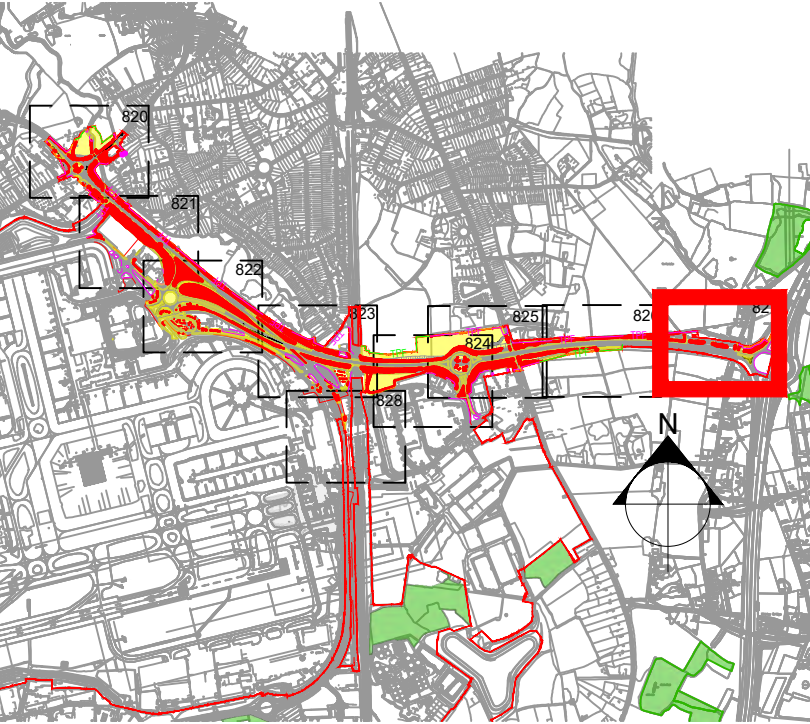
Legend

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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

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