

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 – Clean 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
- 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 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

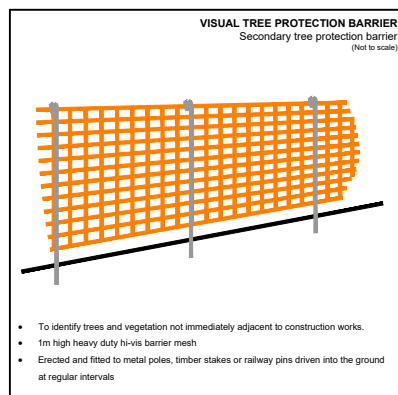
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NOTES:

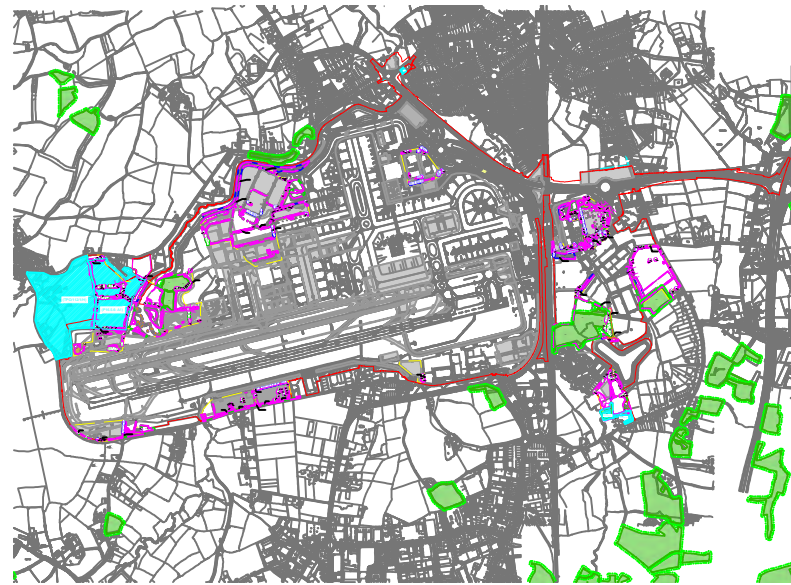
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© Microsoft/TEMPLATE/STANDARD/fig.jpg

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Key Plan



DOCUMENT

Environmental Statement

DRAWING TITLE
Airport Periliminary 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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 Site boundary.

 Survey boundary.

- | | |
|---------------|---|
| | Tree with numbered reference
Canopy spread and coloured B58567-2012 tree
quality category as shown below.
Tree details entered in accessible tree
Tree ID in table location |
| G1 | Tree group plotted with same site locations
and numbered reference. Canopy extent
coloured to match B58567-2012 tree
quality category as shown below. |
| G1 | Tree or Vegetation group with numbered
reference. Canopy extent coloured to match
B58567-2012 tree quality category as shown
below. Dashed line to indicate alien line.
Hedge with numbered reference
Canopy extent coloured to match B58567-2012
tree quality category as shown below and dashed
line to indicate hedgerow. |
| | Woodland with numbered reference.
Canopy extent coloured to match B58567-2012
tree quality category as shown below and dashed
line to indicate tree line. |
| BS 58567-2012 | Tree quality Categories: 2012 |
| | <ul style="list-style-type: none"> ● Category A - High quality ● Category B - Moderate quality ● Category C - Low quality ● Category U - Unsuitable for retention |
| | Direction of fast significant branch |
| | Root production area (RPA)
Calculated in accordance with Section 4.6 -
B58567-2012 |
| | Projected tree height (15 x stem db)
(as per standing advice produced by
Forestry Commission and Natural England)
Tree protected by Tree Preservation Order.
Brook network relates to the TPO
reference |
| | Designated Ancient Woodland
Ancient Woodland in England and woodland
inventory, via open data applications
Ancient Woodland tree buffer (150m offset)
of the surrounding advice provided by
Forestry England and Natural England
Projected tree loss required for construction
of the Project, based on tree count |
| | Indicative Scheme Layout |
| | Indicative temporary protection
fence line in accordance with Section 6.2
as shown below. See below for
example barriers. |
| | Indicative secondary protection 15m
fence line in accordance with
Section 6.2 - B58567-2012. See below
for example barriers. |
| | Indicative vegetation protection barriers:
Design and location to be agreed by local
authority and project design. |

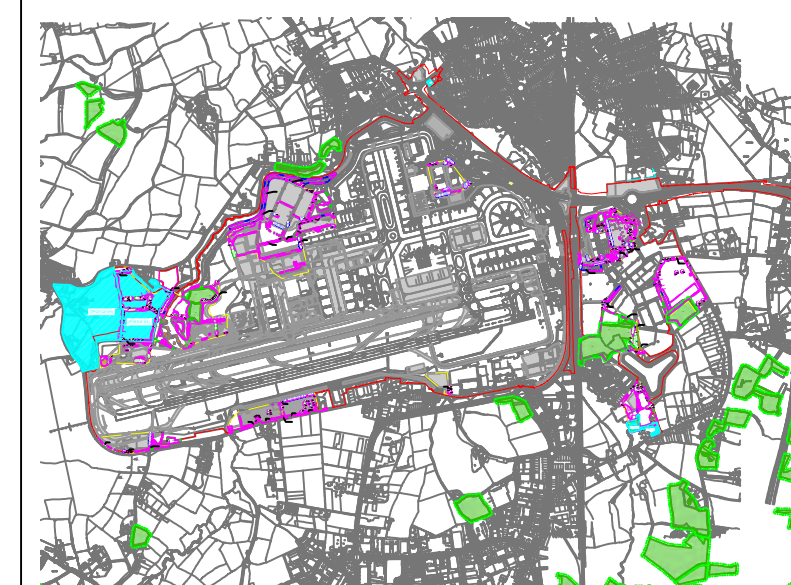
NOTES:

- 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.

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VISUAL TREE PROTECTION

Key Plan



DOCUMENT

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DRAWING TITLE
Airport Preliminary Tree Removal &
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Appendix 5.3.2 Annex 6
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DATE

June 2024

ORIENTATION

DRAWING NO.

762

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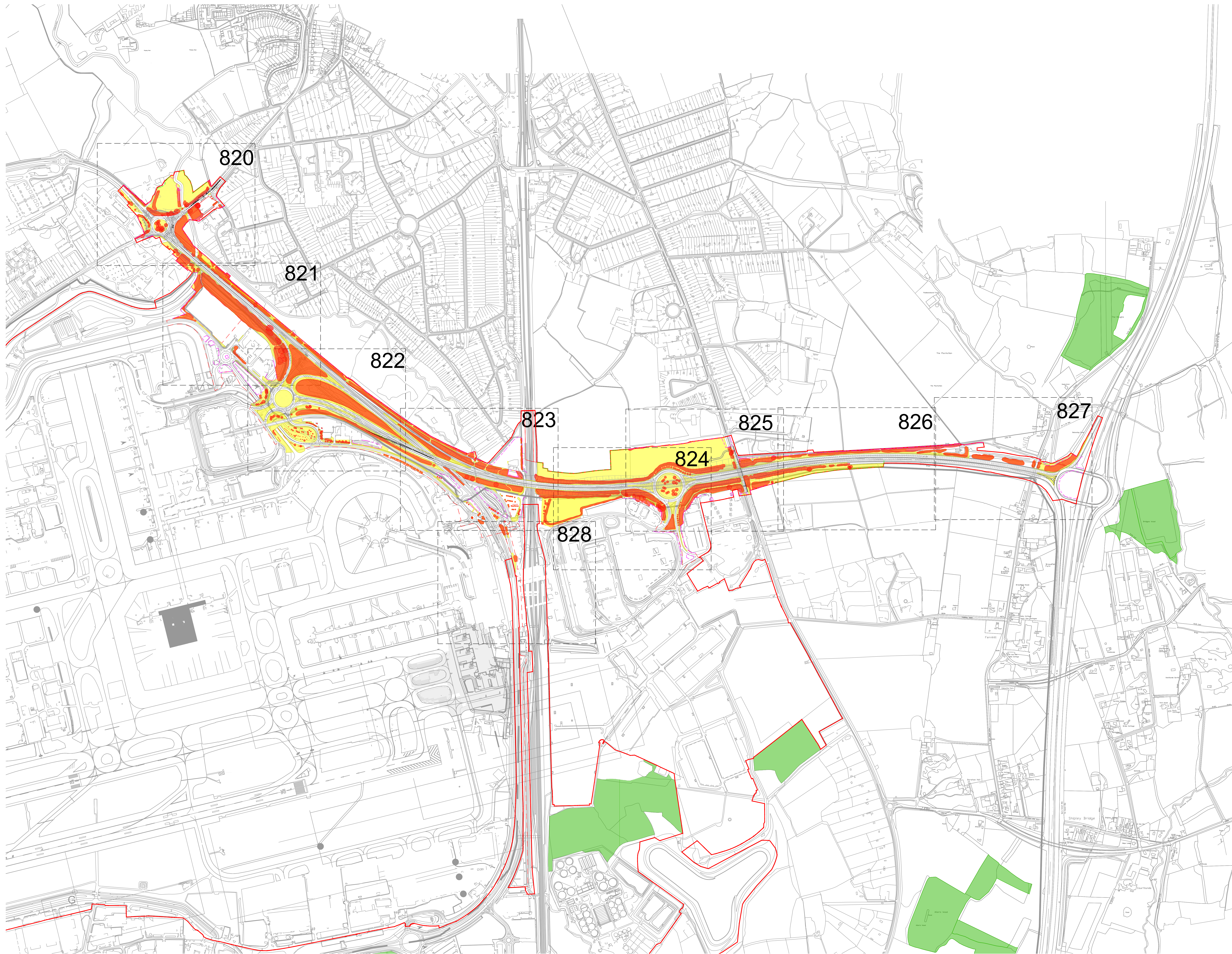
Appendix C
M23 & A23 Preliminary Vegetation Removal & Protection Plans

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.
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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.

829

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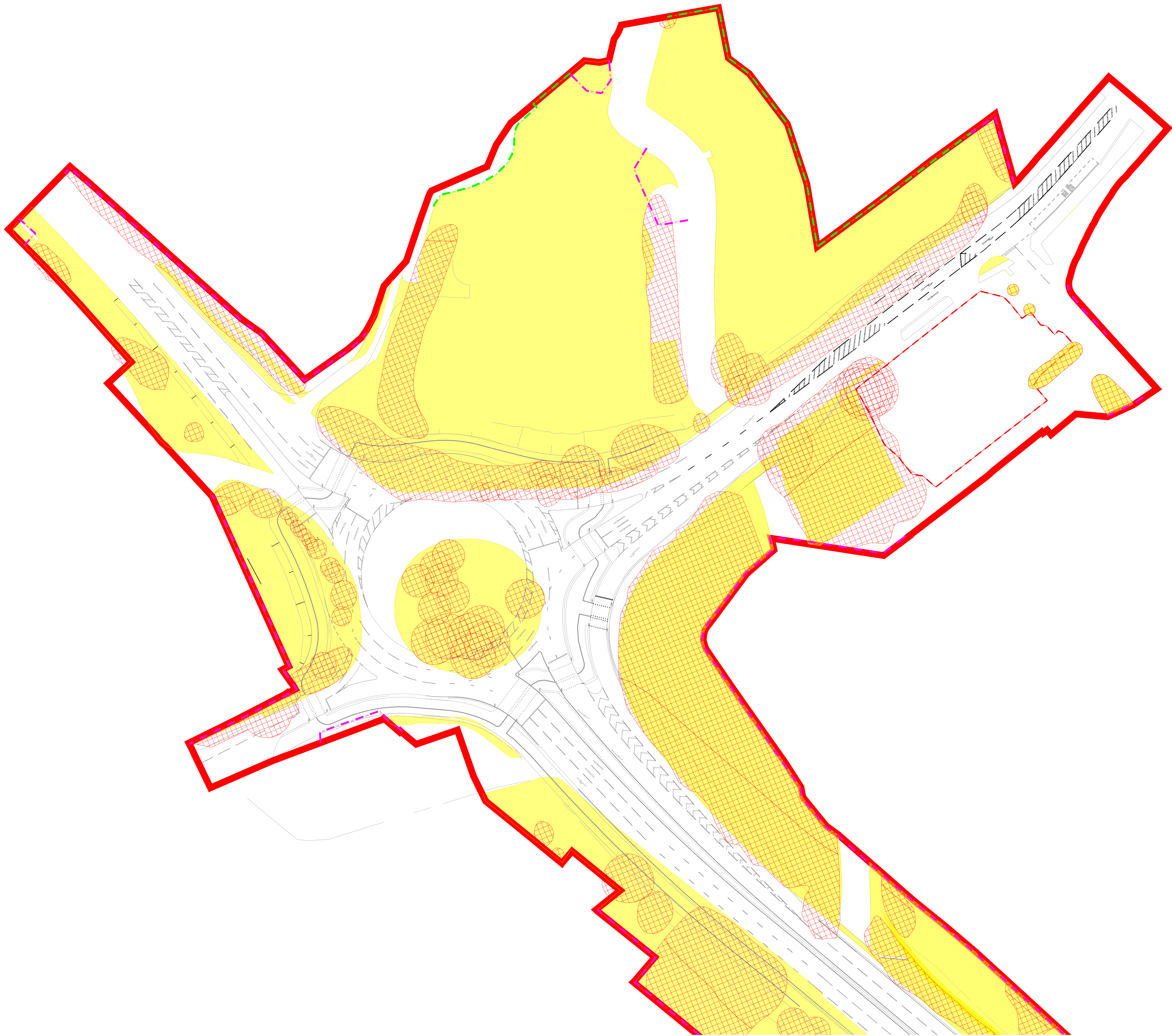
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Legend

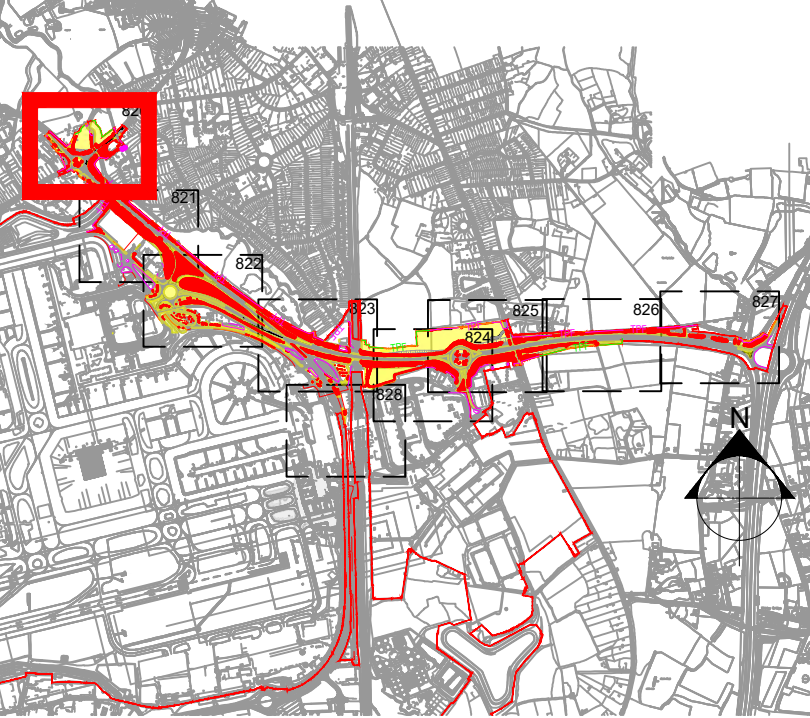
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Key Plan



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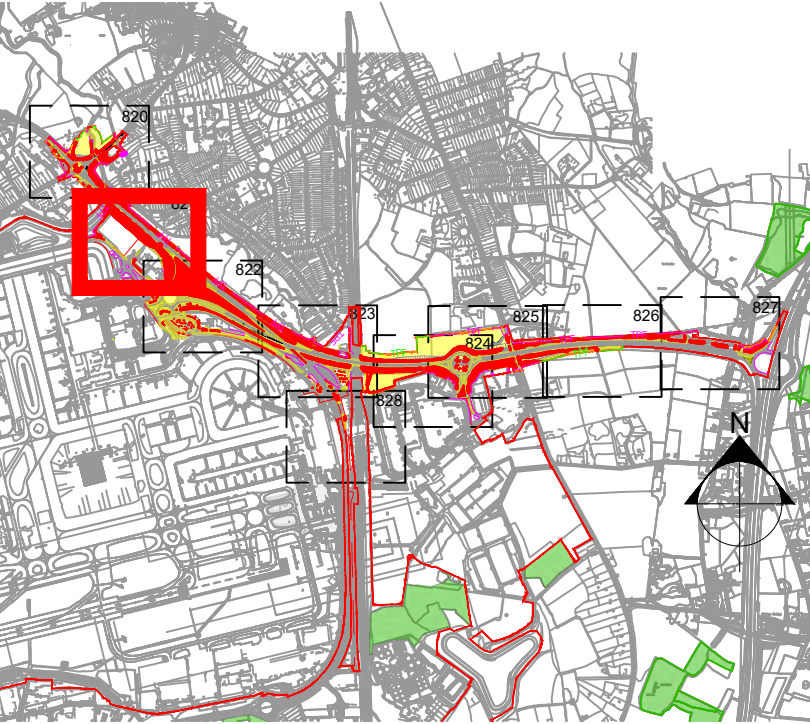
Legend

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Key Plan



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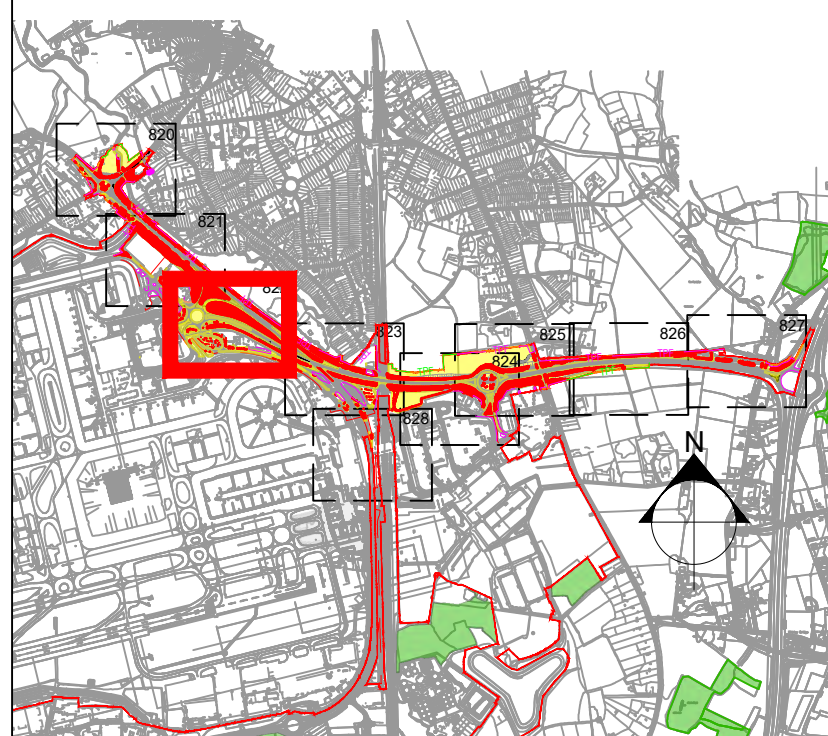
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Key Plan



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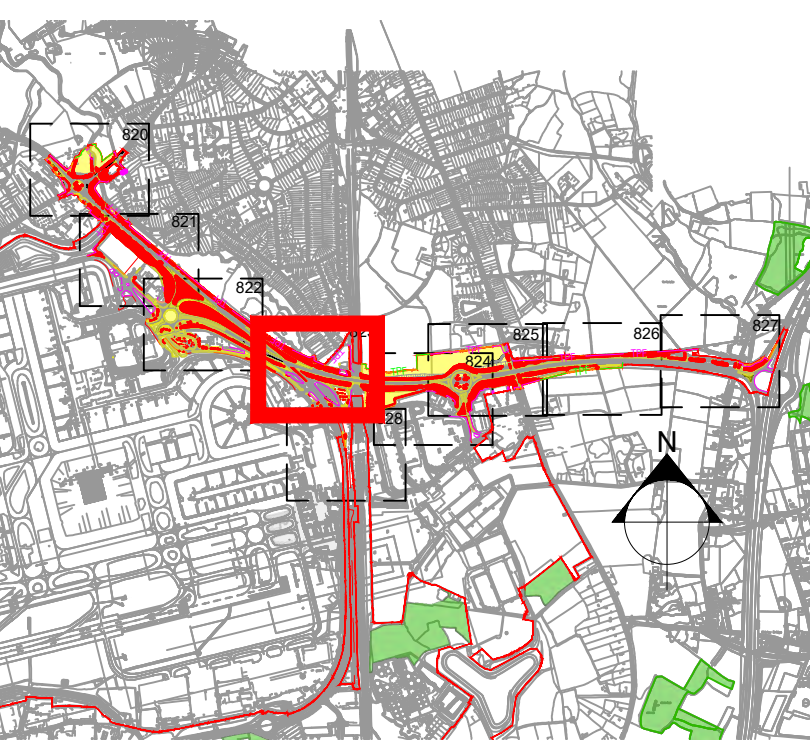
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Key Plan



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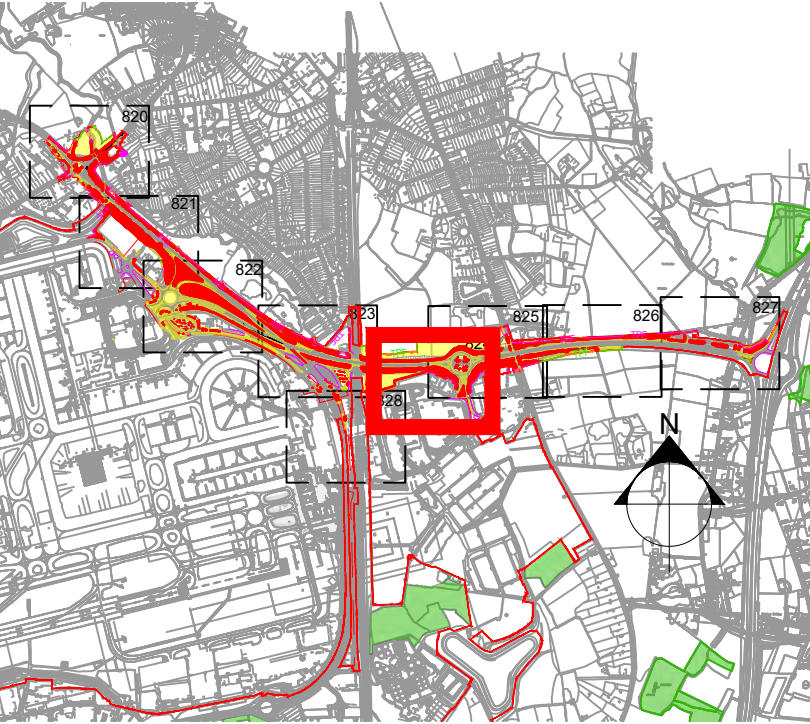
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Key Plan



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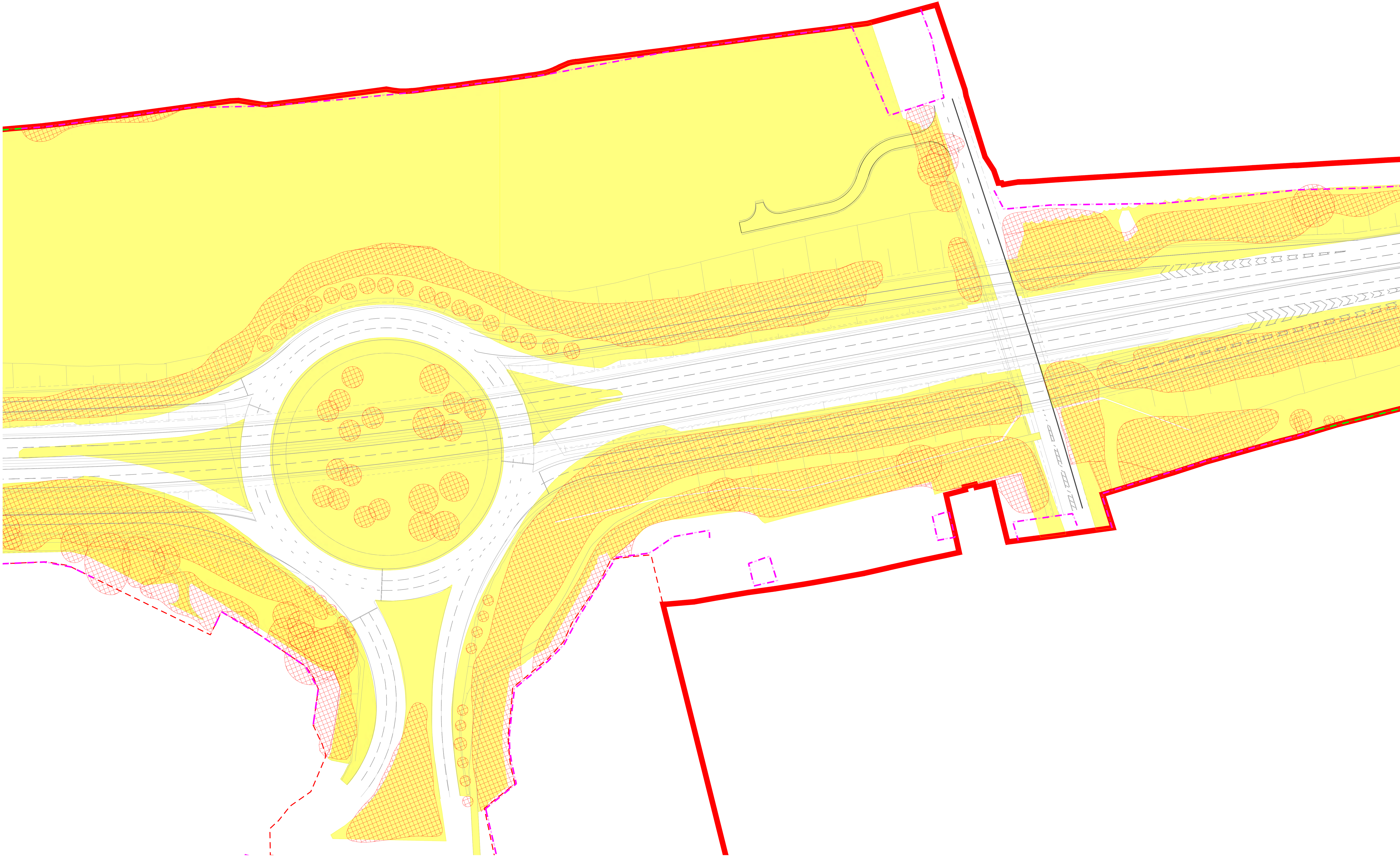
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Legend

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Key Plan



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ORIENTATION	DRAWING NO.	REVISION
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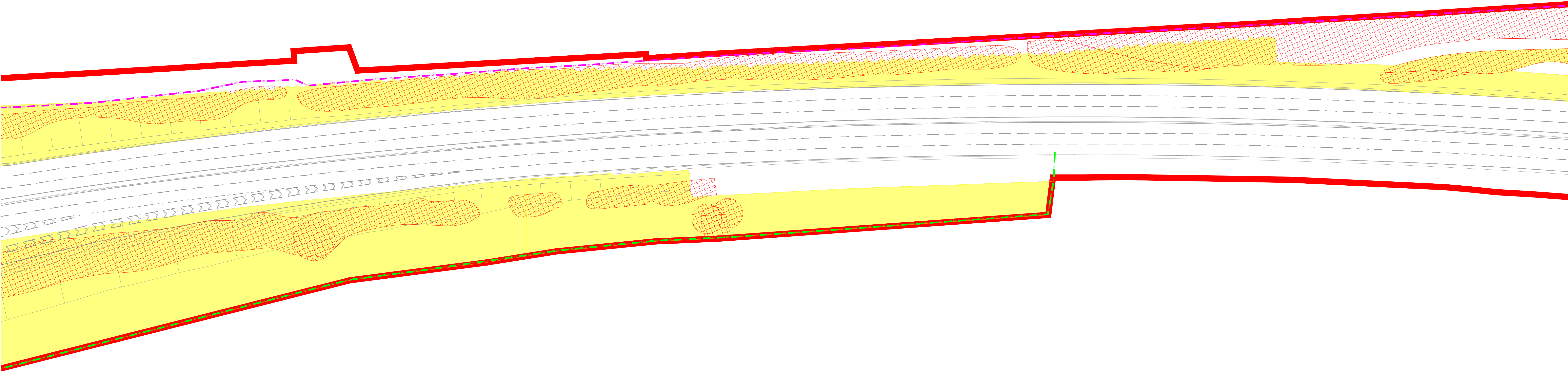
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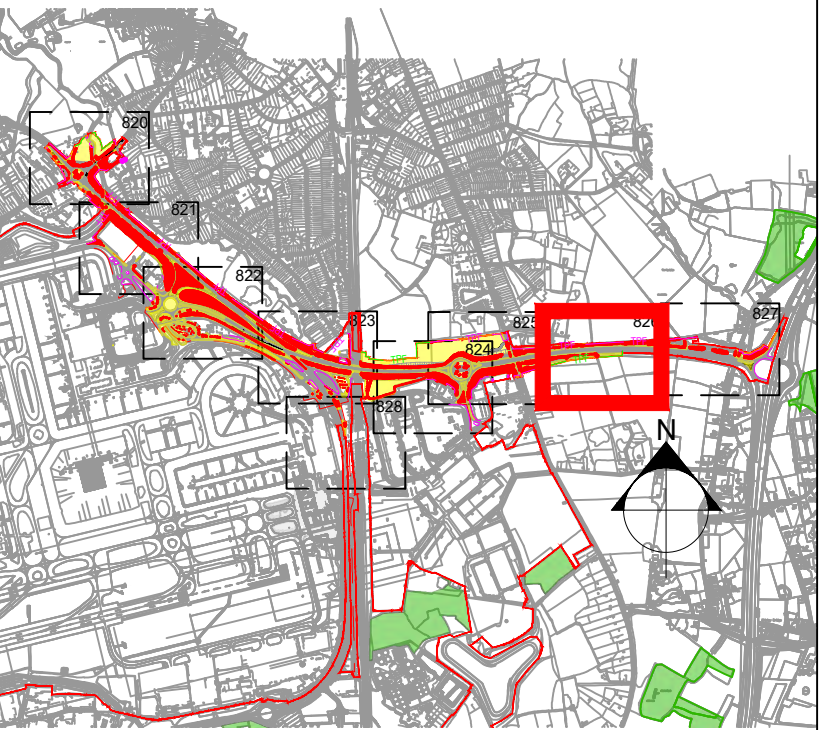
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Key Plan



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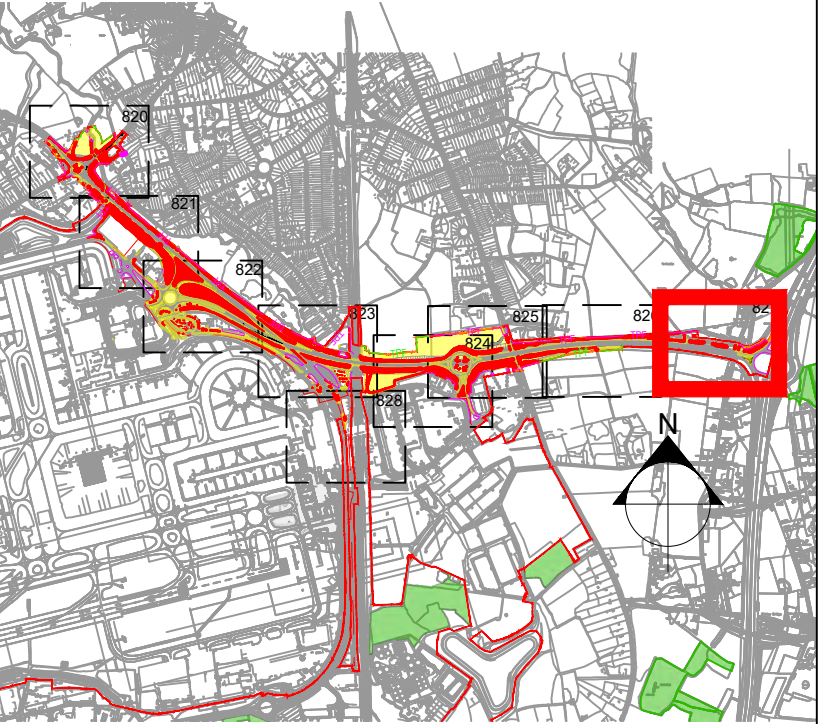
Legend

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Key Plan



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Environmental Statement

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