101786-003 Tottenham Bypass Design Change

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North London Reinforcement Project – Assessment of Change

Landscape/Townscape and Visual Appraisal – Technical Note

National Grid

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1. EXECUTIVE SUMMARY

1.1.1. This technical note has been prepared to support an application seeking Non-Material Changes to the National Grid (North London Reinforcement Order) 2014 (2014 Order) (NMC-1).

1.1.2. This technical note sets out the results of a landscape and visual appraisal of the Proposed Changes and whether they would give rise to any materially new or materially different significant landscape and visual effects compared to those reported in the Environmental Statement submitted as part of the application for the 2014 Order (the ES).

1.1.3. To reflect the updated baseline and the Proposed Changes, three Zone of Theoretical Visibility (ZTVs) maps have been produced to support this technical note, showing the extent of potential visibility of development from the surrounding area.

1.1.4. The ES concluded that while construction would give rise to temporary significant effects, operational effects would be not significant, as the development would be perceived within an established urban–industrial context characterised by existing pylons and overhead lines.

1.1.5. This appraisal has concluded that the Proposed Changes are not likely to cause any materially new or materially different significant landscape and visual effects compared to those reported in the ES. This is because the Proposed Changes within the Proposed Non-Material Change Application Order Limits (hereafter referred to as the Site as shown in Appendix 1 of this Technical Note) and the surrounding area within a 1km Study Area are already characterised by substantial urban and large-scale industrial infrastructure, including existing pylons and overhead lines, which are prominent features of the landscape. While the Proposed Changes would introduce new and taller elements relative to the development authorised by the 2014 Order and assessed in the ES, these would be perceived within the context of existing infrastructure and would not appear incongruous or out of place. Furthermore, views from new residential areas (such as Meridian Water Development) already include similar infrastructure, so the additional structures would not introduce unfamiliar or discordant features. Accordingly, the Proposed Changes would not alter the overall character or composition of views, nor the experience of visual receptors in the area.

2. INTRODUCTION

2.1.1. The purpose of this technical note is to support a Non-Material Change application relating to the National Grid (North London Reinforcement Project) Order 2014 (2014 Order) (NMC-1). Details of the five changes proposed (the Proposed Changes) are set out in the Supporting Statement and are:

- Proposed Change 1: Amendment of design of transmission pylon VC1R.
- Proposed Change 2: Installation of a new transmission pylon ZBC44.
- Proposed Change 3: Installation of two spans of new 400kV overhead line (OHL).
- Proposed Change 4: Minor extension to the Order Limits.
- Proposed Change 5: Removal of authorised development relating to underground cable bypass of Tottenham substation.

2.1.2. This technical note provides an appraisal of whether the Proposed Changes would cause any impacts on the landscape or views that would potentially result in any materially new or materially different significant landscape or visual effects compared

to those reported in the Environmental Statement that accompanied the 2014 Order (the ES).

2.1.3. A 'Landscape/townscape and visual assessment' (Amec, 2012) formed part of the ES.

2.1.4. The methodology in the ES has been reviewed, and, for robustness and consistency, this technical note adopts the original methodology for the appraisal of the potential for change in the significance of effects. Within this methodology, effects assessed as "substantial" or "moderate/substantial" are considered significant. Whilst there have been revised versions of the Landscape Institute's Guidelines for Landscape and Visual Impact Assessment (GLVIA Ed. 3) since 2012, and some terminology has evolved (e.g. 'landscape capacity' is now referred to as 'susceptibility to change'), the overall approach used is considered to remain valid and appropriate for the purposes of this appraisal. This technical note does not constitute a full assessment of landscape and visual effects, but a high-level appraisal to consider whether updates to the baseline and the Proposed Changes are likely to lead to changes in the significance of effects reported in the ES.

2.1.5. For completeness, a new receptor - Meridian Water Development – has been identified and is appraised using the same terminology used in the ES to confirm if the Proposed Changes give rise to materially new or materially different significant landscape or visual effects compared to those reported in the ES.

2.1.6. This technical note is supported by the following figures and appendices:

- Appendix 1: Plans
- Appendix 2: Supporting Figures
  - Figure 1: Site location and study area
  - Figure 2: Updated Landscape and Townscape character areas
  - Figure 3: ZTV - 2014 Order authorised development new transmission pylon VC1R
  - Figure 4: ZTV - proposed nonmaterial changes
  - Figure 5: ZVT – 2014 Order v's proposed non-material changes
  - Figure 6: Viewpoint Locations
  - Figure 7: Viewpoint locations - Long and middle distance
- Appendix 3: Viewpoint photography

3. ASSUMPTIONS AND LIMITATIONS

3.1.1. Baseline conditions are based on site photography and mapping undertaken in 2025, supplemented by desk study and publicly available data.

3.1.2. Future baseline assumptions reflect committed development as set out in the Supporting Statement, including the Meridian Water Development. Other consented developments identified in the Supporting Statement are acknowledged as forming part of the wider urban and industrial context and are not described individually within this Technical Note, as they do not alter the existing baseline character relevant to the landscape and visual appraisal.

3.1.3. Vegetation removal and mitigation measures are assumed to remain unchanged from those assessed in the ES and to be implemented in the same manner as previously consented.

3.1.4. Weather and seasonal conditions at the time of viewpoint photography are representative of winter visibility for the viewpoints (worst case scenario).

3.1.5. Viewpoint photography is prepared as Landscape Institute Type 1 visualisation (annotated viewpoint photography), consistent with the approach adopted in the ES.

4. CONSULTATION

4.1.1. Officers at the London Borough of Haringey (LBH) were contacted on 11 July 2025 to discuss the landscape and visual methodology and the proposed approach to landscape and visual receptors. Plans issued to officers on the same date included the ZTVs and illustrated the proposed updates to landscape receptors and visual receptors.

4.1.2. LBH responded on 22 July 2025, confirming that that they had no concerns with the proposed approach to appraising potential landscape and visual impacts of the Proposed Changes. LBH recommended that the views of the London Borough of Enfield (LBE), as the neighbouring LPA were also sought.

4.1.3. Following this feedback, LBE were contacted by email on 17 November 2025 regarding the Proposed Changes. The email included an updated viewpoint plan with a new additional viewpoint from Meridian Water Development. The updated viewpoint plan was also issued to LBH on the same date. No additional comments were received.

5. PROPOSED CHANGES

5.1.1. This technical note relates solely to the Proposed Changes as described in the Supporting Statement to the NMC-1 application. This appraisal considers the landscape and visual implications of the Proposed Changes as a whole, including changes to pylon height, the introduction of new overhead lines, and the removal or reconfiguration of elements of the authorised development.

5.1.2. The Proposed Changes are located within the Proposed Non-Material Change Application Order Limits (hereafter referred to as the Site) as included in Appendix 1 of this Technical Note.

6. BASELINE

6.1.1. The below is a high-level summary of the Site and its surroundings; further detailed baseline information applicable for the Site can be found in the ES.

6.1.2. The Site is located within the LBH and is not subject to landscape designations. However, immediately to the east and south lies the Lee Valley Regional Park (LVRP), within which Tottenham Marshes forms part of an extensive area of green space traversed by a network of formal public rights of way and National Cycle Network Route 1.

6.1.3. The Site and the surrounding context to the west comprise industrial uses.

6.1.4. The Meridian Water Development (reference www.meridianwater.co.uk) is a multi-phase, mixed use development consented after the 2014 Order was made, on land to the north of Leeside Road covering 82 hectares of brownfield, retail and industrial land.

6.1.5. Phase 1 of the Meridian Water Development (Meridian One) has been constructed and is in use. Meridian One is a mixed-use development, comprising of homes, leisure, retail, employment and community spaces.

6.1.6. Phase 2 includes the Meridian Two, Three and Four developments. From publicly available information, Meridan Water Two is currently under construction with some areas completed and some residents have moved in. Completion of Meridian Two's construction is due in 2026. The later phases of Meridan Water Development (Meridan Three and Four) are proposed on land to the north of Meridan Two and so these are furthest away from the Proposed Changes. Meridian Two is a residential apartment development on the site of a former gas holder site along Leeside Road to the immediate north of Tottenham substation.

6.1.7. Updated baseline conditions are provided in Table 1 below, comprising landscape elements, character areas within which the Proposed Changes are located or immediately adjacent to it, and visual receptors. Visual receptors have been grouped with reference to the "reasons for selection" as presented in the ES.

Table 1 : Updated baseline conditions by receptor

Receptor	Updated baseline
Landscape Elements	
Scrub to the south of the substation	This area of scrub has been left to succeed naturally with little management. It has grown in height and increased incrementally in species diversity since the ES. It adds value to local views as a screening element. Its sensitivity to change remains Medium.
Natural grassland	This corridor of neutral grassland has remained largely unchanged since the baseline conditions reported in the ES. It continues to be a prevalent landscape element, with no notable loss or alteration. The area retains its function and is expected to be reinstated following any temporary disturbance. Its sensitivity to change remains Low.
Pymmes Brook	Pymmes Brook remains an artificial channel. Its character and function as a landscape element are unchanged. Its sensitivity to change remains Low.
Townscape Character Areas	
TCA 1A: Tottenham Marshes	The current baseline remains substantively consistent with that reported in the ES. An urban-edge wetland and open space, comprising a mosaic of grassland and scrub, crossed by a dense network of public rights of way and strategic routes (including the Lee Valley Walk and Sustrans NCR1). Pylons and associated wirescape are established, defining elements of the landscape. Since the ES was conducted, vegetation has matured and increased in both height and density, with further tree and scrub growth softening and intermittently screening views towards the substation and industrial edge. TCA 1A sensitivity to change remains Medium, reflecting recreational value and openness balanced against the established presence of electricity infrastructure.

Receptor	Updated baseline
TCA 2B: Industrial /Trading Estates	The area maintains a functional industrial townscape of large, low-rise sheds and extensive yards where views are short and contained by built form. Since the ES, landmark gas holders have been removed and planting on some plot edges has matured. Site clearance for Meridian Water Development has occurred within the northern part of this TCA, with the core industrial character persisting around the Tottenham substation. Pylons, gantries and overhead lines remain characteristic utilities within this setting. TCA 2B sensitivity to change remains Low.
TCA 2A: Glover Drive and Ravenside Retail Parks	The former retail parks and industrial estates have been cleared and are now undergoing large-scale redevelopment as part of the Meridian Water Development. The current baseline is defined by active construction, temporary hoardings, and site compounds. Under the current baseline, the sensitivity of this area remains Low. Future baseline: As the area transitions to a completed residential and mixed-use neighbourhood, the future baseline will be more settled with sensitivity increasing to Medium.
Visual Receptors	
Users of local PRoW. Viewpoint 1, Viewpoint 2, Viewpoint 3, Viewpoint 5, Viewpoint 7, Viewpoint 8, Viewpoint 14	Public rights of way within and around Tottenham Marshes remain well-used, providing a range of foreground and middle-distance views towards the Site. Since the ES, maturing vegetation and new shrub planting have increased enclosure and seasonal screening, particularly in summer, softening views towards infrastructure and industrial edges. The sensitivity of these receptors to change remains Medium.
Users of the Lee Valley Pathway/Lee Valley Walk (strategic route) and Sustrans National Cycling Route 1 Viewpoint 4	The strategic route continues to provide open, oblique views across/towards the Site. Recent tree and shrub planting along the canal and within the LVRP has matured, resulting in more filtered and seasonally screened views, with open views towards the Site now limited to gaps in the vegetation. The sensitivity of these receptors remains High, reflecting the promoted recreational function and the quality of the landscape experience.
Residential properties: Rear of properties on Waterhall Close (Viewpoint 5) and	Views from these residential receptors remain substantively consistent with the ES baseline. Maturing vegetation and new development in the wider area have softened and partially screened distant views towards the Tottenham substation and associated infrastructure. The sensitivity of these receptors remains High.

Receptor	Updated baseline
properties on the rising valley side of Higham Hill (Viewpoint 6).	
Long distance views Viewpoint 9	Distant views from elevated locations such as Alexandra Palace remain unchanged, with the Site and its infrastructure barely discernible in the wider urban panorama. The sensitivity of these receptors remains Medium.
Mid-distance views from main transport routes (A503: Viewpoint 10, A406: Viewpoint 11)	Views from main roads are largely unchanged, with pylons and electrical infrastructure remaining established elements in the urban/industrial context. Some additional screening from maturing vegetation is evident, but the overall character of these views is consistent with the ES. The sensitivity of these receptors remains Low.
Mid-distance views from main transport routes, from pedestrian bridge Viewpoint 13	The gas holder visible from elevated views has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development. Maturing roadside vegetation encloses the view, with the top of pylons glimpsed above. The sensitivity of these receptors remains Low.
'Location to the north-west' Viewpoint 12	Views from Leeside Road are contained by intervening built form and mature vegetation, with only glimpses of the Tottenham substation and pylons. The sensitivity of these receptors remains Low.
As detailed within Section 8, Visual Appraisal, three new Zones of Theoretical Visibility (ZTV) have been prepared in GIS to compare the visibility of the authorised development under the 2014 Order with the Proposed Changes. Due to the differences in the height and location of the Proposed Changes, as illustrated by the comparative ZTV (See accompanying Figure 5) visibility – of the Proposed Changes is slightly different to that of the Authorised Development. To reflect the outcomes of this analysis and ensure the appraisal captures all areas of potential visibility, the following additional visual receptors have been included in this appraisal.	
Residential properties: Meridian Water Development Viewpoint 15	Current baseline: The area is characterised by an urbanising context with active construction, site hoardings, and visible electrical infrastructure. Sensitivity to change: Low. Future baseline: Once established, the area will comprise a new residential development and public realm, with electrical infrastructure remaining visible at the edges and in views away from the residential core. Sensitivity to change: High.
Users of Higham Hill Park	Views encompass amenity grass and mature trees, with views beyond this green space contained by the surrounding residential

Receptor	Updated baseline
Viewpoint 16	properties. Distant cranes are occasionally visible above the rooftops. Sensitivity to change: Medium.
Distant views from Sustrans NCR1 near Picketts Lock Viewpoint 17	Views encompass the Lee Navigation canal aligned with pylons. The embankment of the William Girling Reservoir and distant glimpses of the North London Heat and Power hub introduce urban influences to the view. Sensitivity to change: High

7. LANDSCAPE APPRAISAL

7.1.1. The ES considered the landscape elements and the landscape/townscape character within the vicinity of Tottenham substation as landscape receptors.

7.1.2. Landscape elements within the Site which were assessed in the Original ES include:

- Scrub to the south of the substation
- Natural grassland; and
- Pymmes Brook

7.1.3. Three Landscape/Townscape Character Types (TCT) and nine Landscape/Townscape Character Areas (TCA) were mapped by AMEC as follows. The detailed assessment of effects was carried out at the TCA level and is presented in the ES. Only TCA1A within TCT1 was reported to have significant effects during construction (underlined). None of the TCAs were reported to have significant effects during operation.

- TCT 1: Lee Valley Regional Park
  - TCA 1A: Tottenham Marshes;
  - TCA1B: Banbury and Lockwood Reservoirs;
  - TCA1C: Lee Navigation
- TCT 2: Industrial and Ravenside Retail
  - TCA 2A: Glover Drive and Ravenside Retail Parks (now superseded)
  - TCA 2B: Industrial /Trading Estates (now partly superseded)
- TCT 3: Residential
  - TCA 3A: Higham Hill;
  - TCA 3B: Tottenham;
  - TCA 3C: Upper Edmonton
- TCT 4: Transport Routes
  - TCA 4A: North Circular

7.1.4. To reflect the updated baseline and the ongoing construction of the Meridian Water Development, it is proposed to replace TCA 2A: 'Glover Drive and Ravenside Retail Parks' and part of TCA 2B: 'Industrial / Trading Estates' (as defined in the ES) with a new TCA 3D: 'Meridian Water Development'. This new TCA 3D comprises the same area as the omitted TCA 2A and part of TCA 2B. While some residential blocks to the west of the railway line have been completed as part of Meridian Phase One, the Meridian Phase Two and the wider development remain under construction. The updated Landscape and Townscape Character Areas are shown in Figure 2 in Appendix 2.

7.1.5. A detailed review of the previous assessment, combined with desk study and fieldwork carried out between May and November 2025, confirm that due to the presence of intervening built form and the fact that pylons and associated wirescape are already established components in the study area, the Proposed Changes would not alter the level of effects reported in the ES for the majority of the TCAs, this remains the case and therefore no further assessment has been undertaken for TCA 1B; TCA 1C; TCA 2A; TCA 3A; TCA 3B; TCA 3C and TCA 4A.

7.1.6. Landscape elements, TCA 1A: Tottenham Marshes and TCA 2B: Industrial /Trading Estates (the TCA in which the Proposed Changes would be located) have been assessed in Table 2 to Table 11. These tables present the likely landscape effects reported in the ES in the left column from the development authorised by the 2014 Order, with commentary on the updated baseline and any changes to the likely landscape effects from the Proposed Changes in the right column. For landscape elements, the ES separated 'scrub to the south of the substation', 'neutral grassland', and 'Pymmes Brook' as distinct receptors.

Landscape elements: Scrub to the south of the substation

Table 2 – Landscape elements: Scrub to the south of the substation, appraisal of effects during construction

<table>
<tr><th colspan="2">Authorised development</th><th>Proposed Changes</th></tr>
<tr><td colspan="2">During the construction phase, 0.1ha of dense scrub to the south of the substation (west of Pymmes Brook) will be felled to facilitate construction works associated with the new pylon VC 1R and sealing end compounds. In addition, two narrow sections of scrub (0.2ha) will be cleared from the belt which runs north-east to southwest to the east of Pymmes Brook in order to accommodate the cable routes.</td><td>Updated baseline - Since 2012, the existing scrub vegetation has reached maturity.
Appraisal - The extent of scrub removal required under the Proposed Changes would be similar as that required for the works authorised under the 2014 Order.
Conclusion - As a result, the magnitude of change to landscape elements would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.</td></tr>
<tr><td>Sensitivity</td><td>Medium</td><td rowspan="4">No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.</td></tr>
<tr><td>Magnitude of change</td><td>Medium</td></tr>
<tr><td>Level of effect</td><td>Moderate</td></tr>
<tr><td>Significance</td><td>Not significant</td></tr>
</table>

Table 3 – Landscape elements: Scrub to the south of the substation, appraisal of effects during operation

Authorised development		Proposed Changes
The introduction and maturation of additional scrub planted around the perimeter of the compound housing VC 1R and sealing end compounds will partially compensate for this loss.		Updated baseline - Since 2012, the existing scrub vegetation has reached maturity. Appraisal - The extent of reinstatement scrub planting would be the same as that assessed in the ES. Conclusion - As a result, the magnitude of change to landscape elements during operation would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Medium*	
Level of effect	*Slight/moderate*	
Significance	*Not significant*	

Landscape elements: Natural grassland

Table 4 - Landscape elements: Neutral grassland, appraisal of effects during construction

Authorised development		Proposed Changes
A corridor of neutral grassland will be stripped during the construction phase. (This would be) *a short term loss of a small proportion.*		Updated baseline - Since 2012, the existing areas of grassland have reached maturity. Appraisal - The extent of removal of neutral grassland required under the Proposed Changes would be similar to that required for the works authorised under the 2014 Order. Conclusion - The magnitude of change to landscape elements would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the
Magnitude of change	*Medium*	

Authorised development		Proposed Changes
Level of effect	*Slight/moderate*	ES. No further assessment is required.
Significance	*Not significant*	

Table 5 - Landscape elements: Neutral grassland, appraisal of effects during operation

Authorised development		Proposed Changes
This area will be reinstated following cessation of construction activities and consequently there will be no long term landscape effects.		Updated baseline - Since 2012, the existing areas of grassland have reached maturity. Appraisal - The extent of reinstatement of neutral grassland would be the same as that assessed in the ES. Conclusion - The magnitude of change to landscape elements during operation would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Medium*	
Level of effect	*No effects*	
Significance	*Not significant*	

Landscape features: Pymmes Brook

Table 6 - Landscape elements: Pymmes Brook, appraisal of effects during construction

Authorised development	Proposed Changes
As it is an artificial channel, Pymmes Brook is assessed as being of low landscape sensitivity. The construction and long-term presence of two cable bridges spanning the channel will not generate more than a low magnitude of landscape change given the existing artificial nature of this landscape element and the long term landscape effects will be slight and not significant.	Updated baseline - consistent with ES. Appraisal - Proposed Change 5 removes the need for cable bridges across Pymmes Brook and would reduce, rather than increase, the extent of physical intervention within the channel. As a result, the change to this artificial watercourse from construction would be less than that assessed in the ES.

Authorised development		Proposed Changes
		Conclusion – The magnitude of change to Pymmes Brook during construction, would be less than that reported in the ES, but would remain within the same low category. With no change to receptor sensitivity, there would be no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Not specified*	
Significance	*Not significant*	

Table 7 - Landscape elements: Pymmes Brook, appraisal of effects during operation

Authorised development		Proposed Changes
As it is an artificial channel, Pymmes Brook is assessed as being of low landscape sensitivity. The construction and long-term presence of two cable bridges spanning the channel will not generate more than a low magnitude of landscape change given the existing artificial nature of this landscape element and the long term landscape effects will be slight and not significant.		Updated baseline - consistent with ES. Appraisal - Proposed Change 5 removes the need for cable bridges across Pymmes Brook and would reduce, rather than increase, the extent of physical intervention within the channel. As a result, the change to this artificial watercourse from operation would be less than that assessed in the ES. Conclusion – The magnitude of change to Pymmes Brook during operation, would be less than that reported in the ES, but would remain within the same low category. With no change to receptor sensitivity, there would be no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight*	
Significance	*Not significant*	

TCA 1A: Tottenham Marshes

Table 8 – TCA 1A: Tottenham Marshes, appraisal of effects during construction

Authorised development		Proposed Changes
Character in reasonable condition with some valued features and highly valued as a recreational resource although some evidence of dilution of character from neighbouring land uses hence the medium landscape sensitivity. *During the construction phase, there would be direct landscape effects arising from the removal of a number of small areas of dense scrub to accommodate pylon VC1R, associated sealing end compound and cable corridors and the stripping of neutral grassland and soils along the cable corridor with the associated contrasts in colours and textures with the surrounding elements which prevail across this LCA. The temporary closure of footpaths together with the introduction of machinery, fencing, piling rigs, stockpiles and associated movement, noise and disturbance within the working area would combine to give rise to a high magnitude of landscape change within the Site boundary which would extend across a greater proportion of the LCA given the open nature of the marshes.*		Updated baseline - Consistent with ES. Appraisal - Construction activities related to the erection of ZBC44 would not be greater than those required for the sealing end compound already assessed within the ES. The Proposed Changes remove the need to construct electrical infrastructure east of Pymmes Brook and within TCA 1A Tottenham Marshes, reducing the extent of vegetation removal and eliminating the need for excavation works within this TCA. The magnitude of change to the view arising from the Proposed Changes, would increase slightly but would remain in the same high magnitude of change category as that reported in the ES. Conclusion – There is no change to receptor sensitivity and no change to the level of effect reported in the ES. As such, no further assessment is considered necessary.
Sensitivity	*Medium*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*High*	
Level of effect	*Moderate/Substantial*	
Significance	*Significant*	

Table 9 – TCA 1A: Tottenham Marshes, appraisal of effects during operation

Authorised development	Proposed Changes
The presence of a new replacement pylon (VC1R) and sealing end compound on the periphery of Tottenham Marshes (as opposed to VC1 which is located within an industrial estate just beyond the marshes) although this would not be an uncharacteristic element given the influence which the existing pylons	Updated baseline - consistent with ES. Appraisal - The additional pylon ZBC44, would be located outside this TCA and within the adjacent industrial estate. While this introduces a new element into the landscape, it would

Authorised development		Proposed Changes
already have both within and from beyond the boundaries of this LCA. The reinstatement of neutral grassland along the cable corridor would commence the return of conditions similar to that of the baseline allied with the planting and gradual maturation of scrub around the perimeter of the new compound which would compensate for the scrub removed during the construction phase. These changes, concentrated along the western fringes of this area, would not fundamentally modify the key characteristics of this LCA which is already heavily influenced by the pylons and wirescape emanating from Tottenham substation. Consequently, the magnitude of change is predicted to be low.		not appear incongruous within the existing context. The Proposed Changes also remove the cable bridge over Pymmes Brook. Conclusion - Overall, the magnitude of change to TCA 1A would remain the same as reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate*	
Significance	*Not significant*	

TCA 2B: Industrial /Trading Estates

Table 10 - TCA 2B: Industrial /Trading Estates, appraisal of effects during construction

Authorised development	Proposed Changes
Construction activities (including the main construction compound) would be concentrated within a very small proportion of this TCA and located on its periphery. The presence of large-scale buildings surrounding the Site would serve to limit changes to the character of the majority of this area although elevated crane activity and operation of piling rigs may periodically be discernible from localised areas. The urban and industrialised context within which short term changes would take place would ensure that the magnitude of change is unlikely to be greater than low.	Updated baseline - Changes to the baseline since 2012 include the removal of the large-scale gas holders (Kimberly Road Gas holders and Leeside Road Gas holder), which were prominent landmarks within this TCA. The northern part of the TCA, as identified in the ES, has been cleared to enable the construction of the Meridian Water Development. Characteristics within the rest of the TCA remain as reported in the ES. Appraisal - Construction activity related to the additional pylon ZBC44, would be consistent with that described in the ES and would be seen in the context of ongoing construction activity associated with

Authorised development		Proposed Changes
		Meridian Water Development to the north of this TCA. Conclusion - No change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight*	
Significance	*Not significant*	

Table 11 - TCA 2B: Industrial /Trading Estates, appraisal of effects during operation

Authorised development		Proposed Changes
Direct effects associated with the removal of VC 1 although its relocation just beyond the TCA to the south would ensure that any change to townscape character would be minimal. There would be an incremental change resulting from the introduction of the sealing end compounds at the foot of ZBC43 although given the townscape context within which these changes would take place, the magnitude of change would be low.		Updated baseline - Changes to the baseline since 2012 include the removal of the large-scale gas holders (Kimberly Road Gas holders and Leeside Road Gas holder), which were prominent landmarks within this TCA. The northern part of the TCA, as identified in the ES, has been cleared to enable the construction of the Meridian Water Development. Characteristics within the rest of the TCA remain as reported in the ES. Appraisal - The new ZBC44 would not be incongruous in the landscape. Conclusion - The magnitude of change to TCA 2B would remain the same as reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant landscape effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight*	
Significance	*Not significant*	

TCA 3D: Meridian Water Development

Table 12 - TCA 3D: Meridian Water Development, appraisal of effects during construction

Authorised development		Proposed Changes	
TCA 2A: Glover Drive and Ravenside Retail Parks (now superseded) *Elevated construction activities such as the introduction and operation of piling rigs and cranes may become minor new components in the setting of this TCA but would be too short lived to fundamentally modify the key characteristics of this area which is Sited in an urban location.*		Updated baseline - This is a new landscape receptor, proposed to reflect the changes the area has undergone since 2012. At present, the character of TCA 3D: Meridian Water Development is defined by active construction sites, temporary hoardings, site compounds, and partially completed buildings. Sensitivity: Low Appraisal - Considering the current baseline, during the construction phase there would be no notable effect on TCA 3D. This is because any additional construction activity associated with the Proposed Changes would be consistent with the existing character and would not introduce new or incongruous elements. Magnitude of change: Negligible. Conclusion - The magnitude of change to this area would remain the same as reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.	
Sensitivity	*Low*	Sensitivity	Low
Magnitude of change	*Negligible*	Magnitude of change	Negligible
Level of effect	*Negligible*	Level of effect	Negligible
Significance	*Not significant*	Materiality	No materially new or materially different significant landscape effects compared to those reported in the ES.

Table 13 - TCA 3D: Meridian Water Development, appraisal of effects during operation

Authorised development	Proposed Changes
TCA 2A: Glover Drive and Ravenside Retail Parks (now superseded)	Future baseline: As development progresses, modern residential blocks and associated landscaped areas will

Authorised development		Proposed Changes	
The realigned VC1 is the only potential change that may be discernible in the setting of this TCA although the change would be minor and barely distinguishable that a negligible magnitude of landscape change is predicted.		begin to emerge, resulting in a more settled and sensitive townscape character, with a reduction in the landscape's capacity to accommodate the Proposed Change. Sensitivity: Medium Appraisal of effects: Considering the future baseline, the replacement of VC1 with a taller VCR1 and the new pylon ZBC44, would represent a limited intervention. The new pylons would be located within an adjacent industrial area and seen in the context of existing electrical infrastructure. Magnitude of effect: Low Conclusion - Compared with the effects reported in the ES, the magnitude of change to this area would increase from negligible to low, and the sensitivity of the receptor would increase from low to medium. This would result in a slight/moderate level of effect, which is not significant.	
Sensitivity	*Low*	Sensitivity	Medium
Magnitude of change	*Negligible*	Magnitude of change	Low
Level of effect	*Negligible*	Level of effect	Slight/moderate
Significance	*Not significant*	Materiality	No materially new or materially different significant landscape effects compared to those reported in the ES.

8. VISUAL APPRAISAL

8.1.1. Visual receptors are people who would potentially be affected by changes in views and visual amenity as a result of a proposed development. The visual effects of the authorised development were assessed in the ES.

8.1.2. The ES identified 14 representative viewpoints to inform the assessment of visual effects. The selection process involved professional judgement, and the viewpoints were agreed with LBH at the time. They were selected to include:

- a balance of viewpoints from the main directions of view towards the Site;
- a range of foreground, middle and distant views; and

- a proportion representing areas or routes known to be publicly accessible to the community.

8.1.3. Effects were assessed at the construction and operational phase. A map of viewpoint locations and annotated photographs (Landscape Institute Type 1) of the baseline at the time were included for each viewpoint within the ES.

8.1.4. The ES considered the following viewpoints. Those identified as having potential significant effects during construction are underlined. None of the viewpoints were reported to have significant effects during operation.

- Viewpoint 1: PRoW which follows the eastern side of Tottenham Marshes
- Viewpoint 2: PRoW which follows the northern edge of Tottenham Marshes (Wild Marsh West) as accessed from Leeside Road
- Viewpoint 3: PRoW which crosses Chalk Bridge
- Viewpoint 4: Sustrans National Cycle Route 1/Lee Valley Walk/Lee Valley Pathway which follows the eastern bank of the River Lee Navigation
- Viewpoint 5: Lee Valley Pathway south of the Banbury Reservoir
- Viewpoint 6: Cooper Avenue
- Viewpoint 7: PRoW accessed via Watermead Way
- Viewpoint 8: Confluence of local paths south-east of the Site
- Viewpoint 9: Alexandra Palace
- Viewpoint 10: Forest Road on the southern edge of High Maynard Reservoir
- Viewpoint 11: Flyover on the north Circular (A406 Angel Road)
- Viewpoint 12: Leeside Road
- Viewpoint P13: Watermead Way
- Viewpoint 14: PRoW which follows Pymmes Brook along the western edge of Tottenham Marshes

8.1.5. To reflect the current baseline conditions and Proposed Changes, three new Zones of Theoretical Visibility (ZTV) have been prepared in GIS, comparing the visibility of the authorised development with the visibility of the Proposed Changes. These new ZTVs have been produced for a 3 km Search Area and have been created taking into account the additional 3m limits of deviation on the pylon heights. These are presented in Figures 3 to 5 in Appendix 2.

8.1.6. The existing built form and vegetation within the area limits the extent of the Site's visibility by enclosing views and providing intermittent screening. Desk study and fieldwork carried out between May and November 2025 confirmed that intervening landform, buildings and vegetation restrict views to approximately 1 km from the Site. Beyond this distance, significant landscape and visual effects are unlikely to occur. The study area has therefore been defined as 1 km, consistent with the approach taken in the ES.

8.1.7. However, the overlay ZTV presented on Figure 5, which combines the ZTV for the authorised development (Figure 3) and the ZTV for the Proposed Changes (Figure 4) indicates the increase in height and the new pylon locations of the Proposed Changes, could potentially result in slightly increased visibility from open public spaces where screening by built form is limited. Therefore, in addition to re-evaluating the viewpoints from the ES to assess the Proposed Changes, three additional viewpoints have been included in this technical note:

- Viewpoint 15: Leeside Road (Meridian Water Development)
- Viewpoint 16: from Higham Hill Park

- Viewpoint 17: Sustrans National Cycle Route 1, near Picketts Lock (also known as Alfie's Lock).

8.1.8. The location of the viewpoints is shown in Figure 6 and Figure 7 in Appendix 2 and includes the 14 viewpoints originally assessed, along with the 3 additional viewpoints.

8.1.9. Viewpoint photography was updated in 2025 to reflect the current baseline. Additionally, three viewpoints have been prepared as photomontages in accordance with Landscape Institute's Technical Guidance Note for Visual Representation of Development Proposals (LI TGN 06/16). These photomontages have been produced for Viewpoint 2, Viewpoint 8 and Viewpoint 15. The viewpoint photography is shown in Appendix 3.

8.1.10. The following tables present the likely visual effects reported in the ES in the left column, with commentary on the current baseline and any potentially new or different significance in effects from the Proposed Changes provided in the right column. For each viewpoint, two tables are included to distinguish between effects during construction and operation, and whether further assessment would be required.

Viewpoint 1: Public right of way (PRoW) which follows the eastern side of Tottenham Marshes

- The view is representative of people travelling along the PRoW within the LVRP.

Table 14 - Viewpoint 1, appraisal of effects during construction

Authorised development	Proposed Changes
At commencement, all low level activities associated with the laying of cables through the marshes would be screened by the 2.4m high close boarded fencing that would restrict views of grassland stripping and the formation of the cable trenches but which itself would occupy a moderate proportion of the existing view. The top of machinery moving along the cable corridor is likely to be discernible above the perimeter fencing as would more elevated construction machinery such as the presence of cranes and piling rigs associated with the erection / dismantling of VC 1 and VC 1R. The removal of narrow sections of scrub from the continuous strip which runs along the western edge of the marshes may also open up narrow views through to the construction works associated with pylon VC 1R. The combined effects of these incongruous activities/fencing through the marshes on the composition of the baseline view would lead to a high magnitude of change and short term	Updated baseline - The gas holder visible in 2012 at the time of the ES photography has since been removed. This has resulted in more open views to the south (right of the view), where tall cranes associated with the construction of Meridian Water Development are now visible. Appraisal - The construction activities related to the Proposed Changes are comparable to those reported in the ES. The change to the view would extend further north towards the centre of the view, including removal of vegetation and the presence of tall machinery associated with the erection of ZBC44, which would alter the character of a larger portion of the landscape within the view. For a short duration, and as reported within the ES, VC 1 and VC 1R would both be discernible in the view. With the addition of ZBC44, the three pylons would be temporarily visible simultaneously, becoming the

Authorised development		Proposed Changes
visual effects would be adverse, moderate/substantial and significant. *For a short duration (26 months)2 VC 1 and VC 1R would both be discernible in the view prior to VC 1 being decommissioned and dismantled. This would give rise to incremental changes associated with the temporary additional of a single pylon in a context in which large scale electricity distribution infrastructure is an established component of the view.*		dominant feature in the view. The Proposed Change would result in a small additional change within the view. The magnitude of change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - Construction effects were already assessed as significant in the ES and are expected to remain so. The magnitude of change to the view would remain the same as reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*High*	
Level of effect	*Moderate/Substantial adverse*	
Significance	*Significant*	

Table 15 - Viewpoint 1, appraisal of effects during operation

Authorised development	Proposed Changes
Following cessation of the construction activities and maturation of the reinstated grassland, changes to the baseline views would primarily be associated with the repositioning of VC 1 which would have been removed during the construction phase and replaced with VC1R in a location just to the south of its existing position and slightly to the west. It is unlikely that there would be views of the sealing end compound at the base of ZBC 43 and the overall composition of the view would not fundamentally be altered by the slight repositioning of a single pylon and introduction of sealing end compounds at its base. Consequently, a low magnitude of visual change is predicted and long term effects would be neutral and not significant.	Updated baseline - The gas holder visible in 2012 at the time of the ES photography has since been removed. This has resulted in more open views to the south (right of the view), where tall cranes associated with the construction of Meridian Water Development are now visible. Appraisal –The proposed pylon ZBC44 would be visible near the centre of the view, located between the Tottenham substation and the three existing pylons along its eastern boundary (visible on the right-hand side of the view). ZBC44 would be approximately 15m taller than the existing pylons in this view. As reported within the ES, VC1R would replace the existing VC1. The

Authorised development		Proposed Changes
		Proposed Changes would reposition VC1R slightly further south and increase its height by approximately 15.7 m (plus a potential 3 m limit of deviation). In addition, the proposed overhead lines between ZBC43, ZBC44 and VC1R, located above the substation, would introduce new linear elements across the view. The new ZBC44 pylon and conductors to VC1R would be noticeable but would be read in the context of existing pylons and overhead lines. The magnitude of change to the view arising from the Proposed Changes, would increase slightly but would remain in the same category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate neutral*	
Significance	*Not Significant*	

Viewpoint 2: PRoW which follows the northern edge of Tottenham Marshes (Wild Marsh West) as accessed from Leeside Road.

- The view is representative of people travelling along PRoW within the LVRP.

Table 16 – Viewpoint 2, appraisal of effects during construction

Authorised development	Proposed Change
Construction activities would extend across a moderate proportion of the baseline view with changes occurring in the foreground. The introduction of temporary screening fencing and movement of the top of machinery along the cable corridor allied with the loss of a narrow section of scrub which lines the western boundary of the marshes and presence of temporary presence of	Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, softening the view and partially screening views towards the Tottenham substation. Appraisal -, extending construction activity further north towards the centre of the view and closer to this viewpoint.

Authorised development		Proposed Change
cranes and piling rigs would combine to generate high magnitudes of visual change. *For a short duration (26 months) VC 1 and VC 1R would both be discernible in the view prior to VC 1 being decommissioned and dismantled. This would give rise to incremental changes associated with the temporary additional of a single pylon in a context in which large scale electricity distribution infrastructure is an established component of the view.*		For a short duration, and as reported within the ES, VC1 and VC1R would both be discernible. With the addition of ZBC44, the three pylons would be temporarily visible simultaneously, becoming the dominant feature in the view. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - Construction effects were already assessed as significant in the ES and are expected to remain so. The magnitude of change to the view would remain the same as reported in the ES, with no change to receptor sensitivity and no change to the level of effect reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*High*	
Level of effect	*Moderate/Substantial adverse*	
Significance	*Significant*	

Table 17 – Viewpoint 2, appraisal of effects during operation

Authorised development	Proposed Changes
The cessation of construction activities and the reinstatement and subsequent gradual maturation of grassland along the cable corridor would commence the return of views which would not be dissimilar to the baseline scenario. The removal of VC 1 and introduction of VC 1R in a location slightly to the south and west of the current position would give rise to only a low magnitude of visual change which would neither enhance nor detract from the baseline view hence the predicted neutral type of effect.	Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, softening the view and partially screening views towards the Tottenham substation. Appraisal - The new ZBC44 would be visible behind the existing ZBC43, and while under the Proposed Changes VC1R would be taller than the authorised development the increase in height would be barely perceptible from this location. Although both new pylons would be taller than those currently present in the view, they would be perceived as similar in scale.

Authorised development		Proposed Changes
		Overhead lines are already a feature of the existing view, and the proposed overhead lines between ZBC43, ZBC44 and VC1R would introduce additional linear elements to the skyline. However, these would be of a similar character and associated with the existing infrastructure in view. The change to the view arising from the Proposed Changes would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate neutral*	
Significance	*Not Significant*	

Viewpoint 3: PRoW which crosses Chalk Bridge.

- The view is representative of people travelling along the PRoW within the LVRP.

Table 18 – Viewpoint 3, appraisal of effects during construction

Authorised development	Proposed Changes
At the outset of the construction phase, the introduction and movement of the top of construction machinery and the perimeter screening fence would be partially evident around the working area, the extent of which occupies a moderate proportion of the view. Elevated construction activities such as piling rigs and cranes associated with the assembly and erection of VC 1R slightly south and west (right) of the current location of VC 1 would also be discernible occupying a small proportion of the wider view. Ground level construction activities associated with the sealing end compounds at the	Updated baseline - Since the 2012 photography, existing trees have reached maturity and new shrub planting within the LVRP has altered the baseline, reducing the openness of the view. Appraisal - Existing vegetation would continue to block views towards construction activities occurring at ground level, and while elevated construction activity associated with the erection of ZBC44 would be visible, the dismantling of VC1 and erection of VC1R would be only glimpsed above

Authorised development		Proposed Changes
base of ZBC 43 would be screened by the intervening low buildings which line the western side of Pymmes Brook. *For a short duration (26 months) VC 1 and VC 1R would both be discernible in the view prior to VC 1 being decommissioned and dismantled. This would give rise to incremental changes associated with the temporary additional of a single pylon in a context in which large scale electricity distribution infrastructure is an established component of the view.*		the existing vegetation seen in the foreground. The magnitude of change to the view arising from the Proposed Changes would be similar to that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Medium*	
Level of effect	*Moderate adverse*	
Significance	*Not significant*	

Table 19 – Viewpoint 3, appraisal of effects during operation

Authorised development	Proposed Changes
Following cessation of construction activities and reinstatement of grassland along the cable corridor, the main changes to the view during the operational phase would be the repositioning of VC 1 in a location just south and west of its current location and the top of the sealing ends and gantry within the bus depot to the west of ZBC 43. These changes would not fundamentally alter the nature of baseline views in which large scale electricity distribution infrastructure are established components of the view hence the magnitude of visual change is unlikely to rise above low.	Updated baseline - Since the 2012 photography, existing trees have reached maturity and new shrub planting within the LVRP has altered the baseline, reducing the openness of the view. Appraisal - While the proposed pylon ZBC44 would add an additional vertical structure within the centre of the view, the upper section of the proposed pylon VC1R would be just glimpsed above the existing vegetation. Overhead lines are already a feature of the existing view, and the proposed conductors between ZBC43, ZBC44 and VC1R would introduce additional linear elements to the skyline. These changes would be of a similar character and associated with the existing electricity infrastructure in view. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES.

Authorised development		Proposed Changes
		Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate neural*	
Significance	*Not significant*	

Viewpoint 4: Sustrans National Cycle Route 1/Lee Valley Walk/Lee Valley Pathway which follows the eastern bank of the River Lee Navigation.

- The view is representative of people travelling along Sustrans National Cycle Route 1and PRoW within the LVRP.

Table 20 – Viewpoint 4, appraisal of effects during construction

Authorised development	Proposed Changes
Change to views during the early construction phase would be associated with the introduction and movement of the top of machinery along the cable corridor allied with the introduction of screening fencing around the working corridor which would restrict views of ground cover and soils stripping. Further modifications to baseline views would arise through the localised clearance of two narrow corridors of scrub within the continuous belt that runs to the east of Pymmes Brook to accommodate the cable corridors and presence of elevated construction activities around the Site of the replacement VC 1R. For a short duration (26 months) VC 1 and VC 1R would both be discernible in a view in which large scale electricity distribution infrastructure is common prior to VC 1 being decommissioned and dismantled. *These changes would take place within the foreground in oblique views as the viewer travels north – south hence the predicted medium magnitude of visual change during the construction phase.*	Updated baseline - Since the 2012 photography, existing trees have reached maturity, and new tree and shrub planting along the canal and within the LVRP has altered the baseline, screening views towards the Tottenham substation. Open views beyond the canal to the west are now only possible through gaps in the vegetation lining the canal, with most views being partially framed or filtered by this vegetation. Appraisal – For a short duration, and as reported within the ES, VC1 and VC1R would both be discernible. With the addition of ZBC44, the three pylons and tall cranes would be temporarily visible simultaneously. Construction activity associated with the erection of ZBC44 would extend further north towards the centre of the view altering a larger portion of the view compared to construction activities associated with the authorised development assessed in the ES. The magnitude of change to

Authorised development		Proposed Changes
		the view arising from these Proposed Changes would increase slightly. On the other hand, the scrub clearance works, plant and fencing previously assessed as part of the authorised works associated with the underground cable bypass to the east of Pymmes Brook, would no longer be required, and have been removed from the Proposed Changes. This would cause a noticeable reduction in the magnitude of change to these views compared to those reported in the ES. Conclusion - Visual effects from construction were assessed as moderate and significant in the ES. The change to views from omission of the underground cable bypass works would result in a positive improvement as compared to the original assessment. However, this would be partially balanced out by the increased adverse visual effects from construction of ZBC44. Overall, the visual effects from construction would be slightly improved from that reported in the ES, but it is assessed that the overall magnitude of change to the view would remain in the medium category as originally reported. There would be no change to receptor sensitivity and no change to the level and significance of effect reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Medium*	
Level of effect	*Moderate/Substantial adverse*	
Significance	*Significant*	

Table 21 – Viewpoint 4, appraisal of effects during operation

Authorised development	Proposed Changes
Following cessation of construction activities and reinstatement and gradual	Updated baseline - Since the 2012 photography, existing trees have

Authorised development		Proposed Changes
maturation of grassland along the cable corridor, the main changes to oblique views during the operational phase would be the replacement of VC 1 with VC 1R in a location just south and west of its current location. The top of the sealing ends adjacent to VC 1R may be discernible above the intervening vegetation and similarly the top of the sealing ends and gantry at the base of ZBC 43 are likely to be evident. These long term changes which are primarily associated with the redistribution of a small proportion of the large scale infrastructure which is already an established component of the view would give rise to a low magnitude of visual change.		reached maturity, and new tree and shrub planting along the canal and within the LVRP has altered the baseline, screening views towards the Tottenham substation. Open views beyond the canal to the west are now only possible through gaps in the vegetation lining the canal, with most views being partially framed or filtered by this vegetation. Appraisal - The top of the proposed VC1R would be glimpsed to the left of the Tottenham substation, and the taller part of ZBC44 would be visible behind the existing pylon ZBH1. Both new pylons would be approximately 15.7m (plus a 3 m limit of deviation) taller than the existing pylons in this view, however, they would be perceived as similar in scale. In addition, the proposed overhead lines between ZBC43, ZBC44 and VC1R, located above the substation, would introduce new linear elements across the view. The new ZBC44 pylon and conductors to VC1R would be noticeable but would be read in the context of existing electricity infrastructure and filtered by the exiting mature vegetation along the canal. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Moderate neutral*	
Significance	*Not significant*	

Viewpoint 5: Lee Valley Pathway south of the Banbury Reservoir.

- The view is representative of people travelling along the PRoW within the LVRP.

Table 22 – Viewpoint 5, appraisal of effects during construction

Authorised development		Proposed Changes
All low level construction activities within Tottenham Marshes and at the base of ZBC 43 would be screened by intervening elements in views from this location. Elevated construction activities such as the periodic operation of piling rigs and cranes associated with the assembly and erection of VC 1R and subsequent dismantling of VC 1 would be evident occupying a small proportion of the view alongside other tall vertical elements which are established components in westerly views. The brevity and periodic nature of this change would lead to moderate visual effects.		Updated baseline - There has been only a small amount of discernible change to the baseline since the 2012 photography. Development and construction machinery at Meridian Water Development are now visible on the skyline. New planting in the middle ground has matured. The gas holder to the right of centre of the view has since been removed. Appraisal - The magnitude of change to the view arising from the Proposed Changes, would be the same as the magnitude of change to the view reported in the ES, with low-level construction activity remaining largely screened and only periodic elevated construction plant visible, occupying a small proportion of the view for a short duration. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Moderate adverse*	
Significance	*Not significant*	

Table 23 – Viewpoint 5, appraisal of effects during operation

Authorised development	Proposed Changes
The only discernible changes during the operational period would be the removal of VC 1 and replacement with VC 1R Sited just south and west of its current position (i.e. slightly left of the existing pylon in the view). This very minor change to a single	Updated baseline - There has been only a small amount of discernible change to the baseline since the 2012 photography. Development and construction machinery at Meridian Water Development are now visible on

established component of the view would give rise to slight visual effects which would neither detract from nor enhance baseline views.		the skyline. New planting in the middleground has matured. The gas holder to the right of centre of the view has since been removed. Appraisal - The new ZBC44 would introduce a new feature in the background, visible between the existing ZBH1 and ZBC43. Proposed overhead lines between ZBC43, ZBC44 and VC1R, located above the substation, would introduce new linear elements into the skyline but would be barely perceptible and would be read in the context of existing electricity infrastructure and filtered by mature vegetation. Altogether, the new ZBC44, the increased height of VC1R and the new overhead lines would result in a small additional change within the view, compared with that reported in the ES for the authorised development, but this would not alter the overall character. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that assessed reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible Neutral*	
Level of effect	*Slight*	
Significance	*Not significant*	

Viewpoint 6: Cooper Avenue

- The view is representative of residents of Higham Hill.

Table 24 – Viewpoint 6, appraisal of effects during construction

Authorised development	Proposed Changes
The activities taking place within Tottenham Marshes are unlikely to be discernible in the view given the fore and	Updated baseline - There have been only minor changes to the baseline since 2012. Development and

Authorised development		Proposed Changes
middle ground screening elements which filter and interrupt views towards the Site. Similarly, the changes associated with the dismantling of VC 1 and assembly and erection of VC 1R would not be evident as views towards this area of the Site are curtailed by the intervening properties. The magnitude of change is predicted to be negligible.		construction machinery associated with Meridian Water Development are now visible on the distant skyline. The gas holder to the left of the centre of the view has been removed, and vegetation in the middle ground has matured. Appraisal - From this location, the magnitude of change to the view arising from the Proposed Changes, would be the same as the magnitude of change to the view reported in the ES, with construction activity remaining largely screened by intervening vegetation and built form, and no discernible change associated with works at ZBC44 from this location. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight adverse*	
Significance	*Not significant*	

Table 25 – Viewpoint 6, appraisal of effects during operation

Authorised development	Proposed Changes
The sealing end compound and gantry to the west of ZBC 43 would be the only component of the operational scheme potentially evident in views but is likely to be a small scale visual element and susceptible to screening by intervening elements. Again, the magnitude of change is predicted to be negligible.	Updated baseline - Since the 2012 photography, development and construction machinery associated with Meridian Water Development are now visible on the distant skyline. The gas holder to the left of the centre of the view has been removed, and vegetation in the middle ground has matured. Appraisal - The new ZBC44 would introduce a new feature in the background, discernible between the existing pylons. Despite these changes, the new ZBC44 and the increased height of

Authorised development		Proposed Changes
		VC1R relative to the authorised development, would represent a barely perceptible change to the view. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*High*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight adverse*	
Significance	*Not significant*	

Viewpoint 7: PRoW accessed via Watermead Way (PRoW 226-227).

- The view is representative of people travelling along the PRoW within the LVRP.

Table 26 – Viewpoint 7, appraisal of effects during construction

Authorised development	Proposed Changes
The clearance of trees and scrub from approximately half the length of the southern boundary of the substation would be evident facilitating open views of the existing infrastructure within the southern end Site. Construction activities associated with the assembly and erection of VC 1R and adjacent sealing end compounds would be discernible occupying a moderate proportion of the foreground followed by the dismantling of VC 1 (the two pylons would be both be elements of the view for 26 months. Collectively these changes would lead to a high magnitude of visual change during the construction phase. A minor alteration of the Watermead way junction is required but this would be reinstated at the end of the construction works.	Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, softening views towards Tottenham substation. The gas holder visible in 2012 at the time of the ES photography has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background. Appraisal – For a short duration, and as reported within the ES, VC1 and VC1R would both be discernible. With the addition of ZBC44, the three pylons and tall cranes would be temporarily visible simultaneously. Construction activity associated with the erection of ZBC44, would extend further north. These works would alter

Authorised development		Proposed Changes
		a larger portion of the view compared to construction activities associated with the authorised development assessed in the ES. The magnitude of change to the view arising from these Proposed Changes would increase slightly. On the other hand, the scrub clearance works, plant and fencing previously assessed as part of the authorised works associated with the underground cable bypass to the east of Pymmes Brook, would no longer be required, and have been removed from the Proposed Changes. This would cause a noticeable reduction in the magnitude of change to nearer parts of these views compared to those reported in the ES. Conclusion - Visual effects from construction were assessed as moderate and significant in the ES. The change to views from omission of the underground cable bypass works would result in a positive improvement as compared to the original assessment. However, this would be partially balanced out by the increased adverse visual effects from construction of ZBC44. Overall, there would be no change to receptor sensitivity. The visual effects from construction would be slightly improved from that reported in the ES. It is assessed that the overall magnitude of change to the view would reduce from high, as originally reported, to medium. The level of effects would reduce from Moderate/Substantial down to Moderate and would remain significant as reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*High*	
Level of effect	*Moderate/Substantial adverse*	
Significance	*Significant*	

Table 27 – Viewpoint 7, appraisal of effects during operation

<table>
<tr><th colspan="2">Authorised development</th><th>Proposed Changes</th></tr>
<tr><td colspan="2">VC 1R would be a prominent feature in the view located just south and west of the current VC 1 which would be removed from oblique northerly views and the sealing end compounds would occupy a moderate proportion of the view at less than 100m separation distance. The proposed shrub planting around the perimeter of the compound would screen views of lower level components at the base of VC 1R and security fencing as it gradually matures. Given the baseline nature of views in which VC 1 is already a prominent element alongside filtered views of electrical infrastructure the magnitude of change would be medium (reducing to low in the long term).</td><td>Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, softening the view and partially screening views towards the Tottenham substation. The gas holder visible in 2012 at the time of the ES photography has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background.
Appraisal - The new ZBC44 would introduce a new pylon in the background, although it is likely to be barely perceptible on account of it being located almost directly behind the new location of VC1R. Together, the new ZBC44 and the increased height of VC1R compared with that reported in the ES for the authorised development, would represent a small change to the view.
These changes would be of a similar character and associated with the existing electricity infrastructure in view. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES.
Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.</td></tr>
<tr><td>Sensitivity</td><td>Medium</td><td rowspan="4">No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.</td></tr>
<tr><td>Magnitude of change</td><td>Medium – Low</td></tr>
<tr><td>Level of effect</td><td>Moderate – Slight</td></tr>
<tr><td>Significance</td><td>Not significant</td></tr>
</table>

Viewpoint 8: Confluence of local paths south-east of the Site.

- The view is representative of people travelling along the PRoW within the LVRP.

Table 28 – Viewpoint 8, appraisal of effects during construction

Authorised development	Proposed Changes
During the construction phase, the presence and movement of the top of construction machinery would potentially be evident above the perimeter screening fencing which itself would restrict views of the stripping of vegetation and stripping and storage of soils along the cable corridor. Elevated construction activity associated with the assembly and erection of VC 1R and the subsequent dismantling of VC 1 would also be evident as prominent components of the view. Collectively, the introduction and removal of these elements occupying a moderate proportion of the view would give rise to a high magnitude of change during the construction phase.	Updated baseline - There has been some change to the baseline since the 2012 photography. New tree and shrub planting within the LVRP now dominates the foreground and middle ground and screens views towards the Tottenham substation. Construction machinery at Meridian Water Development is glimpsed in the background above this new vegetation. The gas holder right of centre of the view has since been removed. Appraisal – For a short duration, and as reported within the ES, VC1 and VC1R would both be discernible. With the addition of ZBC44 behind, the three pylons and tall cranes would be temporarily visible simultaneously. Construction activity associated with the erection of ZBC44, would extend further north, altering a larger portion of the view. These works would alter a larger portion of the view compared to construction activities associated with the authorised development assessed in the ES. The magnitude of change to the view arising from these Proposed Changes would increase slightly. On the other hand, the scrub clearance works, plant and fencing previously assessed as part of the authorised works associated with the underground cable bypass to the east of Pymmes Brook, would no longer be required, and have been removed from the Proposed Changes. This would cause a noticeable reduction in the magnitude of change to nearer parts of these views compared to those reported in the ES. Conclusion - Visual effects from construction were assessed as

Authorised development		Proposed Changes
		moderate and significant in the ES. The change to views from omission of the underground cable bypass works would result in a positive improvement as compared to the original assessment. However, this would be partially balanced out by the increased adverse visual effects from construction of ZBC44. Overall, the visual effects from construction would be slightly improved. It is assessed that the overall magnitude of change to the view would reduce from high, as originally reported in the ES, to medium. There would be no change to receptor sensitivity. The level of effects would reduce from Moderate/Substantial down to Moderate and would remain significant as reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*High*	
Level of effect	*Moderate/Substantial*	
Significance	*Significant*	

Table 29 – Viewpoint 8, appraisal of effects during operation

Authorised development	Proposed Changes
Following cessation of construction activities and reinstatement of the cable corridor with neutral grassland, the main changes to the view would be associated with the removal of VC 1 and replacement with pylon VC 1R in a location just south (left) and west of its current position. The sealing end compounds at the base of the pylon may be discernible through the narrow gap in the vegetation removed as part of the laying of cables (and which would not be reinstated given the presence of underground cables). The top of the sealing end compound and gantry at the base of ZBC 43 may just be discernible in the view above the intervening vegetation and low buildings. Given the baseline	Updated baseline - There has been some change to the baseline since the 2012 photography. New tree and shrub planting within the LVRP now dominates the foreground and middle ground and screens views towards the Tottenham substation. Construction machinery at Meridian Water Development is glimpsed in the background above this new vegetation. The gas holder right of centre of the view has since been removed. Appraisal - The top of the two new pylons, VC1R and ZBC44 would be visible above the existing vegetation; ZBC44 would represent a new feature on the skyline, while VC1R would

Authorised development		Proposed Changes
nature of the view and those changes would predominantly be associated with the reconfiguration of existing elements in the view; the predicted magnitude of change would be low.		appear taller than the authorised development assessed in the ES. Proposed overhead lines between ZBC43, ZBC44 and VC1R, located above the substation, would introduce new linear elements in the skyline but would be read in the context of existing electricity infrastructure including existing linear elements while also being partly filtered by mature vegetation. Altogether, the new ZBC44, the increased height of VC1R compared with that assessed in the ES for the authorised development, and the new overhead conductors would represent a small change to the view, comparable to that already assessed in the Environmental Statement. The change to the view arising from the Proposed Changes, would increase slightly but would remain in the same magnitude of change category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate*	
Significance	*Not significant*	

Viewpoint 9: Alexandra Palace.

- The view is representative of visitors to Alexandra Palace. While the viewpoint location is identified in the London View Management Framework (LVMF), the designated protected view is oriented towards St Paul's Cathedral, whereas both the ES and this appraisal consider a view angled further east, towards the Site.

Table 30 – Viewpoint 9, appraisal of effects during construction

Authorised development		Proposed Changes
It is highly unlikely that even the elevated components of the construction phase (such as cranes) would be discernible at distances in excess of 5km in such an extensive urban view hence the magnitude of change would be negligible.		Updated baseline - Since the baseline photography was taken in 2012, several new buildings have been constructed in the middle ground, adding new elements to the view. Appraisal - From this location, the magnitude of change to the view arising from the Proposed Changes, would be the same, as the magnitude of change to the view reported in the ES, with even elevated construction activity unlikely to be discernible within this extensive long distance urban view. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight/Negligible*	
Significance	*Not significant*	

Table 31 – Viewpoint 9, appraisal of effects during operation

Authorised development	Proposed Changes
The removal of pylon VC 1 and replacement with VC 1R just to the south and west of its current position is highly unlikely to be discernible in the view at a separation distance of over 5 km.	Updated baseline - Since the baseline photography was taken in 2012, several new buildings have been constructed in the middle ground, adding new elements to the view. Appraisal - From this location, the magnitude of change to the view arising from the Proposed Changes would be the same as that reported in the ES, with the removal of VC1 and its replacement by VC1R highly unlikely to be discernible at this separation distance. It would be unlikely that the new pylon ZBC44 would be distinguishable, and if visible, it would appear as part of the existing infrastructure in the area.

Authorised development		Proposed Changes
		Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight/Negligible*	
Significance	*Not significant*	

Viewpoint 10: Forest Road on the southern edge of High Maynard Reservoir (A503).

- The view is representative of drivers and pedestrians using surrounding roads.

Table 32 – Viewpoint 10, appraisal of effects during construction

Authorised development		Proposed Changes
All ground level construction activities would be screened in views from this location by the reservoir embankment and even elevated activities associated with the assembly/erection of VC 1R and dismantling of VC 1 would be glimpsed in heavily filtered views through fore- and middle ground vegetation, only discernible due to the bright colour of the machinery. As such, a negligible magnitude of change is predicted.		Updated baseline - Tall cranes associated with the Meridian Water Development are glimpsed in the background and would eventually be replaced by residential buildings visible in the far distance. Vegetation in the foreground has matured. Appraisal - From this location, the magnitude of change to the view arising from the Proposed Changes, would be the same, as the magnitude of change to the view reported in the ES, with construction activity associated with VC1, VC1R and ZBC44 largely screened and only briefly visible in filtered views. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the significance of effects previously reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant visual effects compared to those reported in the
Magnitude of change	*Negligible*	

Authorised development		Proposed Changes
Level of effect	*Negligible*	ES. No further assessment is required.
Significance	*Not significant*	

Table 33 – Viewpoint 10, appraisal of effects during operation

Authorised development		Proposed Changes
The removal of VC 1 and introduction of VC1R slightly to the south of the current pylon position is highly unlikely to be discernible to the casual viewer equating to a no change situation.		Updated baseline - Tall cranes associated with the Meridian Water Development are glimpsed in the background and would eventually be replaced by residential buildings visible in the far distance. Vegetation in the foreground has matured. Appraisal - The new pylons, VC1R and ZBC44, would be glimpsed on the horizon alongside existing electricity infrastructure. ZBC44 would introduce a new feature on the skyline, roughly in the same location as ZBC43, while the additional height of VC1R compared with that assessed in the ES for the authorised development, would not be discernible due to intervening vegetation and distance. The character and composition of the view would remain unchanged. The magnitude of change to the view arising from the Proposed Changes, compared to the magnitude of change to the view reported in the ES, would be barely perceptible. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Negligible*	
Significance	*Not significant*	

Viewpoint 11: Flyover on the North Circular (A406 Angel Road).

- The view is representative of drivers and pedestrians using surrounding roads.

Table 34 – Viewpoint 11, appraisal of effects during construction

<table>
<tr><th colspan="2">Authorised development</th><th>Proposed Changes</th></tr>
<tr><td colspan="2">All ground and low level activities would be screened by the intervening built form leaving elevated construction activities (i.e. cranes) associated with the erection of VC 1R and subsequent dismantling of VC 1 periodically discernible in the view. There would be a short duration of approximately 26 months where both VC 1 and VC 1R are elements in the view simultaneously. This would lead to a low magnitude of visual change when the construction elements are present and operational on Site.</td><td>Updated baseline - There has been a small magnitude of change to the baseline since the 2012 photography. Development and construction machinery at Meridian Water Development are now visible on the skyline in the centre of the view. The gas holder in the centre of the view has since been removed. Existing vegetation in the middle ground has matured.
Appraisal - From this location the magnitude of change to the view arising from the Proposed Changes, would be the same as the magnitude of change to the view reported in the ES. with only periodic visibility of elevated construction activity associated with VC1, VC1R and ZBC44 above intervening built form.
Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.</td></tr>
<tr><td>Sensitivity</td><td>Low</td><td rowspan="4">No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.</td></tr>
<tr><td>Magnitude of change</td><td>Low</td></tr>
<tr><td>Level of effect</td><td>Slight</td></tr>
<tr><td>Significance</td><td>Not significant</td></tr>
</table>

Table 35 – Viewpoint 11, appraisal of effects during operation

Authorised development	Proposed Changes
The only discernible change to the view would be the removal of pylon VC 1 and its repositioning as VC 1R just south and west (right) of its current location. This modification to the view has the potential to go unnoticed by the casual observer	Updated baseline - There has been a small change to the baseline since the 2012 photography. Development and construction machinery at Meridian Water Development are now visible on the skyline in the centre of the view.

Authorised development		Proposed Changes
hence the negligible magnitude of change.		The gas holder in the centre of the view has since been removed. Existing vegetation in the middle ground has matured. Appraisal - The top of the two new pylons, VC1R and ZBC44, would be able to be glimpsed on the horizon above the buildings in the background. ZBC44 would represent a new feature on the skyline, next to the existing ZBH1. VC1R would appear taller than the authorised development assessed in the ES, roughly in the same location, but this change would be barely perceptible at this distance. Altogether, the new ZBC44, the increased height of VC1R compared with that assessed in the ES for the authorised development, and the new overhead lines would represent a small change to the view, but would be read in the context of existing electricity infrastructure and be comparable to that already assessed in the Environmental Statement. The magnitude of change to the view arising from the Proposed Changes, would increase slightly, but would remain in the same magnitude of change category as that reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Negligible*	
Significance	*Not significant*	

Viewpoint 12: Leeside Road.

- The view is representative of drivers and pedestrians using surrounding roads.

Table 36 – Viewpoint 12, appraisal of effects during construction

Authorised development		Proposed Changes
All ground and low level activities would be screened by the intervening built form leaving elevated construction activities (i.e. cranes) associated with the erection of VC 1R and subsequent dismantling of VC 1 periodically discernible in the view. There would also be a short duration of approximately 26 months where both VC 1 and VC 1R would be present in the view simultaneously. This would give rise to a low magnitude of visual change.		Updated baseline - The prominent gas holder seen in 2012 at the time of the ES photography, has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background. Mature vegetation along the road now softens and screens views towards the Site. Appraisal - The magnitude of change to the view arising from the Proposed Changes would be the same as the magnitude of change to the view reported in the ES. For a short duration, and as reported in the ES, both VC1 and VC1R would be discernible in the background. With the addition of ZBC44, all three pylons would be temporarily seen together, but this would not increase the degree of change previously reported. Conclusion - The magnitude of change to the view arising from the Proposed Changes would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight*	
Significance	*Not significant*	

Table 37 – Viewpoint 12, appraisal of effects during operation

Authorised development	Proposed Changes
The sealing end compound and gantry at the base of ZBC 43 are likely to be screened in views from this location by the intervening built form. The only discernible change to the view would be the removal of pylon VC 1 and its repositioning as VC 1R just south and	Updated baseline - The prominent gas holder seen in 2012 at the time of the ES photography, has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background. Mature

Authorised development		Proposed Changes
west (right) of its current location. This modification to the view has the potential to be missed by the casual observer hence the negligible magnitude of change.		vegetation along the road now softens and screens views towards the Site. Appraisal - Whilst the taller part of ZBC44 would be visible behind the existing ZBH1, it would be seen in dynamic and oblique views and would not increase the magnitude of change already reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Low*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Negligible*	
Significance	*Not significant*	

Viewpoint 13: Watermead Way (A1055).

- The viewpoint is located on the pedestrian bridge above Watermead Way which is an identified PRoW connecting Tottenham residential areas to the LVRP. The view is representative of people travelling in the surrounding PRoW network.

Table 38 – Viewpoint 13, appraisal of effects during construction

Authorised development	Proposed Changes
All ground level construction activities would be screened in views from this location by the intervening built form and roadside vegetation with the exception of the removal of a section of dense scrub from the south boundary of the substation Site. Elevated construction activities including the operation of cranes and piling rigs associated with the erection of VC 1R and subsequent dismantling of VC 1 would be periodically discernible in the view beyond and in context with a number of other vertical visual elements. There would also be a short duration of approximately 26 months where both VC 1 and VC 1R would be present in the view simultaneously. The aggregate magnitude	Updated baseline - The gas holder visible in 2012 at the time of the ES photography has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background. The vegetation aligning the road has matured enclosing the view. Appraisal - The magnitude of change to the view arising from the Proposed Changes would be the same as the magnitude of change to the view reported in the ES. For a short duration, and as reported within the ES, both VC1 and VC1R would be discernible in the background. With the addition of

Authorised development		Proposed Changes
of change from these additions and losses from the view would be low.		ZBC44, all three pylons would be temporarily visible at the same time, but this would not increase the degree of change previously reported. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Low*	
Level of effect	*Slight/Moderate adverse*	
Significance	*Not significant*	

Table 39 – Viewpoint 13, appraisal of effects during operation

Authorised development	Proposed Changes
The removal of VC 1 and replacement with VC 1R slightly further south but approximately in alignment with the existing pylon from this angle would represent a very minor alteration to the existing view whilst the sealing end compounds at the base of VC 1R would represent a minor addition to the view. The small scale of these changes would lead to a negligible magnitude of change.	Updated baseline - The gas holder visible in 2012 at the time of the ES photography has since been removed and replaced by tall cranes and construction activity associated with the Meridian Water Development, now visible in the background. The vegetation aligning the road has matured enclosing the view. Appraisal - The magnitude of change to the view arising from the Proposed Changes would be the same as the magnitude of change to the view reported in the ES. The mature vegetation would heavily screen views towards the Site, the new ZBC44 could be discernible in the background in the middle of the view, among the existing three pylons to the east of the substation. This would not increase the magnitude of change to the view already reported in the ES. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.

Authorised development		Proposed Changes
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight/Negligible neutral*	
Significance	*Not significant*	

Viewpoint 14: PRoW which follows Pymmes Brook along the western edge of Tottenham Marshes (at the junction with PRoW 226-227).

- The view is representative of people travelling along the PRoW within the LVRP.

Table 40 – Viewpoint 14, appraisal of effects during construction

Authorised development		Proposed Changes
The main changes to views from this location would be associated with the introduction and movement of construction machinery along the cable corridor and introduction of perimeter fencing and signage. The removal of dense scrub, activity at the base of ZBC 43 and construction activities associated with the assembly and erection of VC 1R, and the dismantling of VC 1 would all be screened by the intervening vegetation. The changes would occupy a relatively small proportion of the view but viewed in close proximity hence the predicted medium magnitude of visual change.		Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, blocking views towards Tottenham substation. Appraisal - The magnitude of change to the view arising from the Proposed Changes would be the same as the magnitude of change to the view reported in the ES, with construction activity largely screened by intervening vegetation and affecting only a small proportion of the view at close proximity. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Medium*	
Level of effect	*Moderate adverse*	
Significance	*Not significant*	

Table 41 – Viewpoint 14, appraisal of effects during operation

Authorised development		Proposed Changes
Following cessation of construction activities and maturation of the reinstated grassland long term visual changes to the view would be very minor and unlikely to be discernible hence the predicted negligible magnitude of change.		Updated baseline - Since the 2012 photography, new shrub planting has established in the foreground, softening the view and partially screening views towards Tottenham substation. Appraisal - The magnitude of change to the view arising from the Proposed Changes would be the same as the magnitude of change to the view reported in the ES, with long term visual changes unlikely to be discernible following the cessation of construction activities and maturation of reinstated vegetation. Conclusion - The magnitude of change to this view would be the same as that reported in the ES, with no change to receptor sensitivity and no change to the level of effects previously reported in the ES.
Sensitivity	*Medium*	No materially new or materially different significant visual effects compared to those reported in the ES. No further assessment is required.
Magnitude of change	*Negligible*	
Level of effect	*Slight/Negligible neutral*	
Significance	*Not significant*	

Viewpoint 15: from Leeside Road (Meridan Two, Meridian Water Development).

Table 42 - Viewpoint 15, appraisal of effects during construction

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Updated baseline - This new viewpoint has been introduced to reflect changes in the area since 2012. It is located on Leeside Road, approximately 280 m from the centre of the Site, and represents views experienced by future residents of Meridian Water Development. The view is urban in character, with construction activity visible in the foreground, including fencing and signage. Behind a palisade fence, ZBD42, ZBC43 and ZBH001 are prominent to the west (left) of Tottenham substation, with the top of VC1 glimpsed behind. Overhead lines

Authorised development		Proposed Changes	
		are also visible. To the west, vegetation within the LVRP is seen, with pylons visible in the distance above the vegetation. Given the intended residential nature of the Meridian Water Development, views from this location are representative of receptors who may be resident or who may take up occupation as residents during the construction period. Sensitivity: High Appraisal - Considering the current baseline, construction activity would extend into the middle ground of this view. However, this additional construction activity associated with the Proposed Changes would be consistent with the existing character and would not introduce new or incongruous elements. For a short duration, VC1 and VC1R would both be discernible. With the addition of ZBC44, the three pylons would be temporarily visible simultaneously, increasing the visibility of electrical infrastructure. Magnitude of change: Low	
Sensitivity	N/A	Sensitivity	High
Magnitude of change	N/A	Magnitude of change	Low
Level of effect	N/A	Level of effect	Moderate
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

Table 43 - Viewpoint 15, appraisal of effects during operation

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Future baseline: This new viewpoint has been introduced to reflect changes in the area since 2012. It is located on Leeside Road, approximately 280 m from the centre

Authorised development		Proposed Changes	
		of the Site, and represents views experienced by future residents of Meridian Water Development. As development progresses, the public realm will be delivered, creating a more established and sensitive townscape character. Sensitivity: High Appraisal of effects: Considering the future baseline, the replacement of VC1 with VCR1, and the introduction of the new pylon ZBC44 would represent a limited intervention. The new pylons would be positioned among existing pylons and seen within the context of established electrical infrastructure. Magnitude of change: Low	
Sensitivity	N/A	Sensitivity	High
Magnitude of change	N/A	Magnitude of change	Low
Level of effect	N/A	Level of effect	Moderate
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

Viewpoint 16: from eastern edge of Higham Hill Park.

Table 44 - Viewpoint 16, appraisal of effects during construction

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Updated baseline - This is a new viewpoint added in response to potential increase in visibility of the Proposed Changes as indicated in the comparative ZTV Presented in Figure 5. It is located on the eastern edge of Higham Hill Park, approximately 1km from the centre of the Site, and is representative of residents of Higham Hill and users of the open space. Sensitivity: Medium.

Authorised development		Proposed Changes	
		Appraisal - Intervening built form prevents views towards the Site. Construction activity at ground level would not be visible from this location. The tops of cranes associated with construction activity may be visible on the horizon above the existing residential properties bordering the park. Tall cranes related to the construction of Meridian Water Development are already part of the background, and the change would be perceived within this context. Magnitude of change: Negligible.	
Sensitivity	N/A	Sensitivity	Medium
Magnitude of change	N/A	Magnitude of change	Negligible
Level of effect	N/A	Level of effect	Slight/Negligible
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

Table 45 - Viewpoint 16, appraisal of effects during operation

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Updated baseline - This is a new viewpoint added in response to the potential increase in visibility of the Proposed Changes as indicated in the comparative ZTV presented in Figure 5. It is located on the eastern edge of Higham Hill Park, approximately 1km from the centre of the Site, and is representative of residents of Higham Hill and users of the open space. Sensitivity: Medium. Appraisal - During the operational phase, the proposed pylons VC1R and ZBC44 may be glimpsed through occasional gaps in the built form. However, from the majority of the park and surrounding streets, there would be no views of the pylons. Where visible, they would appear in the

Authorised development		Proposed Changes	
		background and in the context of existing pylons and would not alter the character or composition of the view. No change.	
Sensitivity	N/A	Sensitivity	Medium
Magnitude of change	N/A	Magnitude of change	No change
Level of effect	N/A	Level of effect	No effect
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

Viewpoint 17: Sustrans National Cycle Route 1, near Picketts Lock (also known as Alfe's Lock).

Table 46 - Viewpoint 17, appraisal of effects during construction

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Updated baseline - This is a new viewpoint added in response to the potential increase in visibility of the Proposed Changes as indicated in the comparative ZTV Presented in Figure 5. It is located along the NCR1, approximately 2.5km form the centre of the Site and is representative of people travelling southwards along this cycling route. The viewpoint is located near Alfie's Lock near a bench. The view encompasses the Lee Navigation canal with pylons aligned to the east (left of the view). Behind these, the embankment of the William Girling Reservoir is visible. Shrubs and medium size trees align the canal on both sides softening views. Tall concrete blocks and elevated crane activity associated with the construction of the North London Heat and Power hub can be seen in the background. Sensitivity: High. Appraisal of effects: Intervening vegetation prevents views towards the

Authorised development		Proposed Changes	
		Site. Construction activity at ground level would not be visible from this location. During winter, it may be possible to glimpse the tops of cranes associated with construction activity in the distance. Tall cranes related to the construction of the North London Heat and Power hub are already part of the existing view and so the character of the view would not be affected. Magnitude of change: Negligible.	
Sensitivity	N/A	Sensitivity	High
Magnitude of change	N/A	Magnitude of change	Negligible
Level of effect	N/A	Level of effect	Slight
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

Table 47 - Viewpoint 17, appraisal of effects during operation

Authorised development	Proposed Changes
Not assessed. This viewpoint was not considered in the ES.	Updated baseline - This is a new viewpoint added in response to the potential increase in visibility of the Proposed Changes as indicated in the comparative ZTV Presented in Figure 5. It is located along the NCR1, approximately 2.5km form the centre of the Site and is representative of people travelling southwards along this cycling rout. The viewpoint is located near Alfie's Lock near a bench. The view encompasses the Lee Navigation canal with pylons aligned to the east (left of the view). Behind these, the embankment of the William Girling Reservoir is visible. Shrubs and medium size trees align the canal on both sides softening views. Tall concrete blocks and elevated crane activity associated with the construction of the North London

Authorised development		Proposed Changes	
		Heat and Power hub can be seen in the background. Sensitivity: High. Appraisal - The increased height of VCR1 compared with that assessed in the ES for the authorised development would not be discernible from this location. During winter it may be possible to glimpse the new ZBC44 in the far distance, but this would not alter the character and composition of the view. In summer when trees are on leaf, visibility of the proposed new structure would be highly unlikely. No change	
Sensitivity	N/A	Sensitivity	High
Magnitude of change	N/A	Magnitude of change	No change
Level of effect	N/A	Level of effect	No effect
Significance	N/A	Materiality	No materially new or materially different significant visual effects compared to those reported in the ES.

9. CUMMULATIVE EFFECTS

9.1.1. The Supporting Statement identifies several recent planning applications and consented developments within 1km of the Site. These developments are largely located within an established urban and industrial townscape and comprise similar land uses to those already present. As such, while they contribute to an evolving baseline condition, they do not introduce new landscape or visual influences that would interact cumulatively with the Proposed Changes.

9.1.2. On this basis, the cumulative assessment within this Technical Note focuses on the Meridian Water Development, to the north of Leeside Road, which represents the most proximate and relevant cumulative development. From available information, Meridan Two, is currently being built with completion due in 2026. Construction of the OHL bypass is currently anticipated to start in 2026, with completion in 2027.

Construction

Landscape

9.1.3. The Meridian Water Development introduces a new and evolving residential character area, replacing former industrial and retail uses. This change to the baseline landscape condition is acknowledged. However, the Proposed Changes do not contribute further to this transition in character.

9.1.4. Construction works associated with the Proposed Changes would remain within an established, infrastructure-dominated context associated with the Tottenham substation and existing overhead electricity lines. The Proposed Changes would not extend construction activity into the Meridian Water site nor increase the extent or intensity of landscape change affecting the new residential area.

9.1.5. Accordingly, no cumulative landscape effects are anticipated during construction.

Visual

9.1.6. Views within the surrounding area already include construction activity associated with the Meridian Water Development, including cranes, temporary structures and large-scale built form under construction. As such, the visual environment is already influenced by substantial redevelopment activity.

9.1.7. Construction of the Proposed Changes would be perceived within this existing and evolving context and would not introduce additional or distinctive visual influences beyond those already present. The Proposed Changes would therefore not add to or intensify cumulative visual change during construction.

9.1.8. As a result, the Proposed Changes would not give rise to any materially new or materially different cumulative visual effects during construction compared to those reported in the ES.

Operation

Landscape

9.1.9. On completion, the Meridian Water Development will establish a new residential and mixed-use townscape as part of the future baseline condition. The Proposed Changes would be experienced within this updated context, alongside existing pylons, overhead lines and substation infrastructure that remain defining features of the area.

9.1.10. The Proposed Changes would not contribute further to the change in landscape character associated with the Meridian Water Development and would remain confined to an area already characterised by large-scale electricity infrastructure. Consequently, no cumulative operational landscape effects are anticipated.

Visual

9.1.11. Future views will include the completed Meridian Water residential development as part of the established urban townscape. The Proposed Changes would be perceived within these views alongside existing electricity infrastructure and other large-scale urban elements.

9.1.12. The Proposed Changes would not add to or intensify the visual change arising from the Meridian Water Development and would not alter the composition, character or overall experience of views within the study area. Therefore, the Proposed Changes would not give rise to any materially new or materially different cumulative visual effects during operation compared to those reported in the ES.

10. CONCLUSION

10.1.1. For landscape receptors, including the newly defined TCA 3D: Meridian Water Development, there would be no change to the level of effects reported in the ES. It is therefore considered that there would be no likely materially new or materially different significant landscape effects as a result of the Proposed Changes.

10.1.2. In regard to visual receptors, whilst the increased height of VC1R (from 46m to 62m plus a 3 m limit of deviation) and the introduction of the new 61m tall pylon ZBC44 (plus a 3 m limit of

deviation) would result in additional elements being visible in some views, particularly in close views such as Viewpoint 1 (Public Right of Way within the Lee Valley Regional Park) and Viewpoint 4 (Sustrans National Cycle Route 1). These visual changes would be seen in the context of existing pylons and overhead lines and while there could be increased visibility of the project in comparison to what was reported in the ES it would not alter the composition or overall character of any assessed views or the experience of visual receptors in the local area. Therefore, there are no likely materially new or materially different significant visual effects as a result of the Proposed Changes.

10.1.3. This appraisal concludes the Proposed Changes will not result in any materially new or materially different significant landscape and visual effects compared to those reported in the ES.

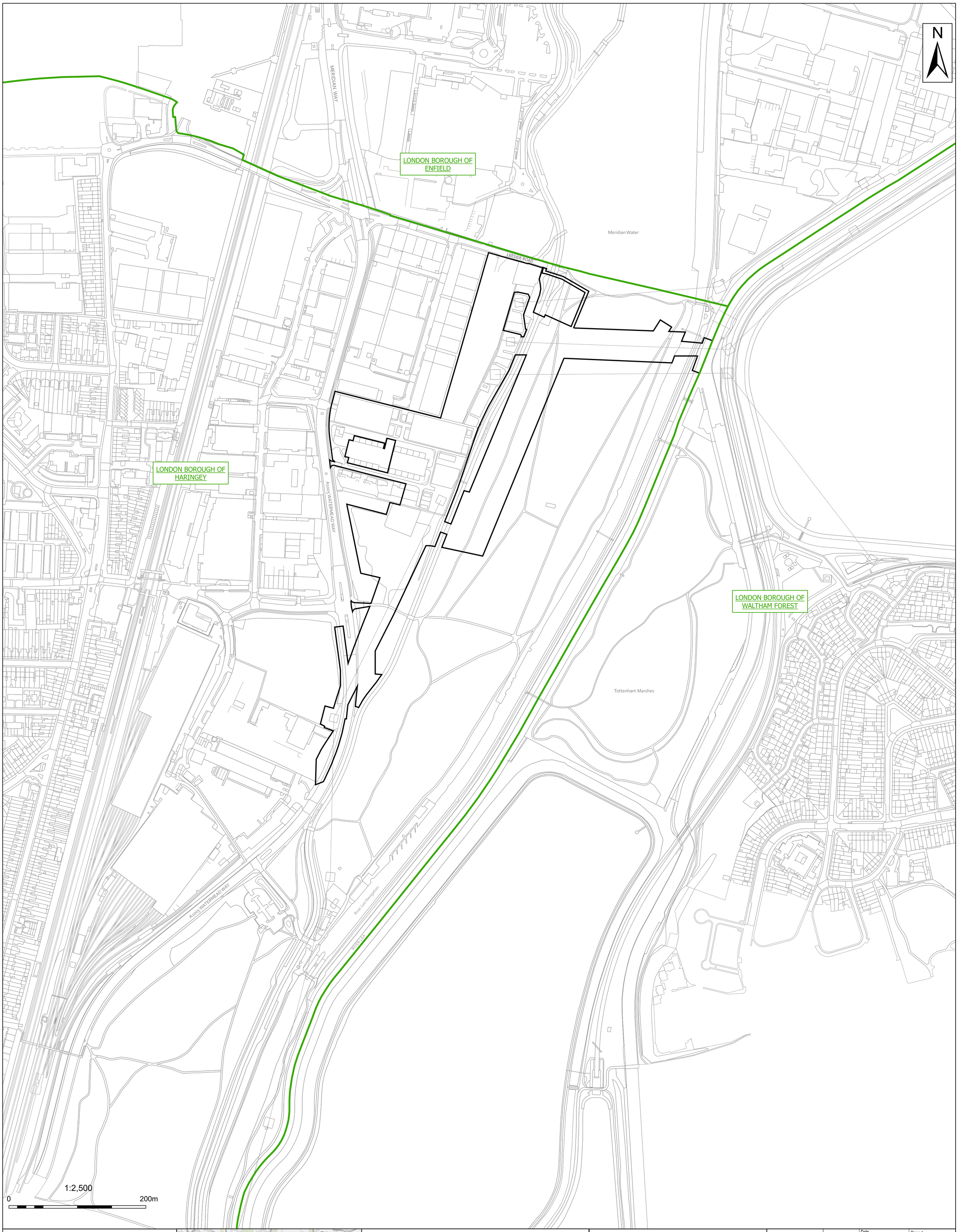
Table 48 Level of Effects summary

Receptor	Level of effect from authorised development		Level of effect from Proposed Changes		Conclusion
	Construction	Operation	Construction	Operation	Materiality of effect
Landscape receptors					
Landscape elements	Slight/ moderate to moderate	No effect to Slight/ moderate	Slight/ moderate to moderate	No effect to Slight/ moderate	No materially new or materially different significant landscape effects compared to those reported in the ES
TCA 1A: Tottenham Marshes	Moderate/ Substantial	Slight/ Moderate	Moderate/ Substantial	Slight/ Moderate	No materially new or materially different significant landscape effects compared to those reported in the ES
TCA 2B: Industrial /Trading Estates	Slight	Slight	Slight	Slight	No materially new or materially different significant landscape effects compared to those reported in the ES
TCA 2A: Glover Drive and Ravenside Retail Parks	Negligible	Negligible	Replaced with TCA 3D	Replaced with TCA 3D	N/A
TCA 3D: Meridian Water Development.	Not included	Not included	Negligible	Slight/ moderate	No materially new or materially different significant landscape effects compared to those reported in the ES
Visual receptors					
Viewpoint 1	Moderate/ Substantial adverse	Slight/ Moderate neutral	Moderate/ Substantial adverse	Slight / Moderate neutral	No materially new or materially different significant visual effects compared to those reported in the ES

Receptor	Level of effect from authorised development		Level of effect from Proposed Changes		Conclusion
Viewpoint 2	Moderate/ Substantial adverse	Slight/ Moderate neutral	Moderate/ Substantial adverse	Slight/ Moderate neutral	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 3	Moderate adverse	Slight/ Moderate neural	Moderate adverse	Slight/ Moderate neural	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 4	Moderate/ Substantial adverse	Moderate neutral	Moderate/ Substantial adverse	Moderate neutral	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 5	Moderate adverse	Slight	Moderate adverse	Slight	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 6	Slight adverse	Slight adverse	Slight adverse	Slight adverse	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 7	Moderate/ Substantial adverse	Moderate - Slight	Moderate/ Substantial adverse	Moderate - Slight	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 8	Moderate/ Substantial	Slight/ Moderate	Moderate/ Substantial	Slight/ Moderate	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 9	Slight/ Negligible	Slight/ Negligible	Slight/ Negligible	Slight/ Negligible	No materially new or materially different significant visual effects compared to those reported in the ES

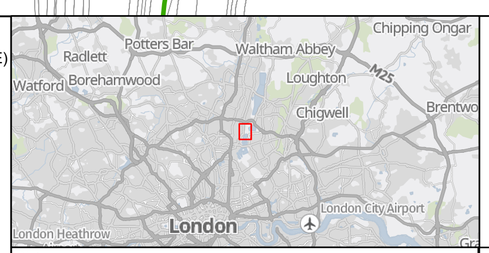
Receptor	Level of effect from authorised development		Level of effect from Proposed Changes		Conclusion
Viewpoint 10	Negligible	Negligible	Negligible	Negligible	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 11	Slight	Negligible	Slight	Negligible	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 12	Slight	Negligible	Slight	Negligible	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 13	Slight/ Moderate adverse	Slight/ Negligible neutral	Slight/ Moderate adverse	Slight/ Negligible neutral	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 14	Moderate adverse	Slight/ Negligible neutral	Moderate adverse	Slight/ Negligible neutral	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 15	Not included	Not included	Moderate	Moderate	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 16	Not included	Not included	Slight/ Negligible	No effect	No materially new or materially different significant visual effects compared to those reported in the ES
Viewpoint 17	Not included	Not included	Slight	Slight	No materially new or materially different significant visual effects compared to those reported in the ES

Appendix 1 Plans



LEGEND

- PROPOSED AMENDMENT ORDER LIMITS (THE SITE)
- BOROUGH BOUNDARY



Notes:

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Client: nationalgrid

Project: NORTH LONDON REINFORCEMENT PROJECT

Site: Tottenham Substation

Client: National Grid Electricity Transmission

Rev	Date	Description	Drawn	Check	Approv
03	10/04/26	Amendment to legend	RE	HJ	SD
02	09/02/26	Amendment to template	RE	HJ	SD
01	22/01/26	INITIAL ISSUE	RE	HJ	SD

Title: North London Reinforcement Project - Proposed Non-Material Amendment - Proposed Amendment Order Limits

ARCADIS

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Designed	H.J	Date 10 APR 26	Signed
Drawn	R.E	Date 10 APR 26	Signed
Checked	H.J	Date 10 APR 26	Signed
Approved	S.D	Date 10 APR 26	Signed
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Original Size:	A1	Grid:	OS
Suitability Code:	S2	Project Number:	30302490

Suitability Description: For Information

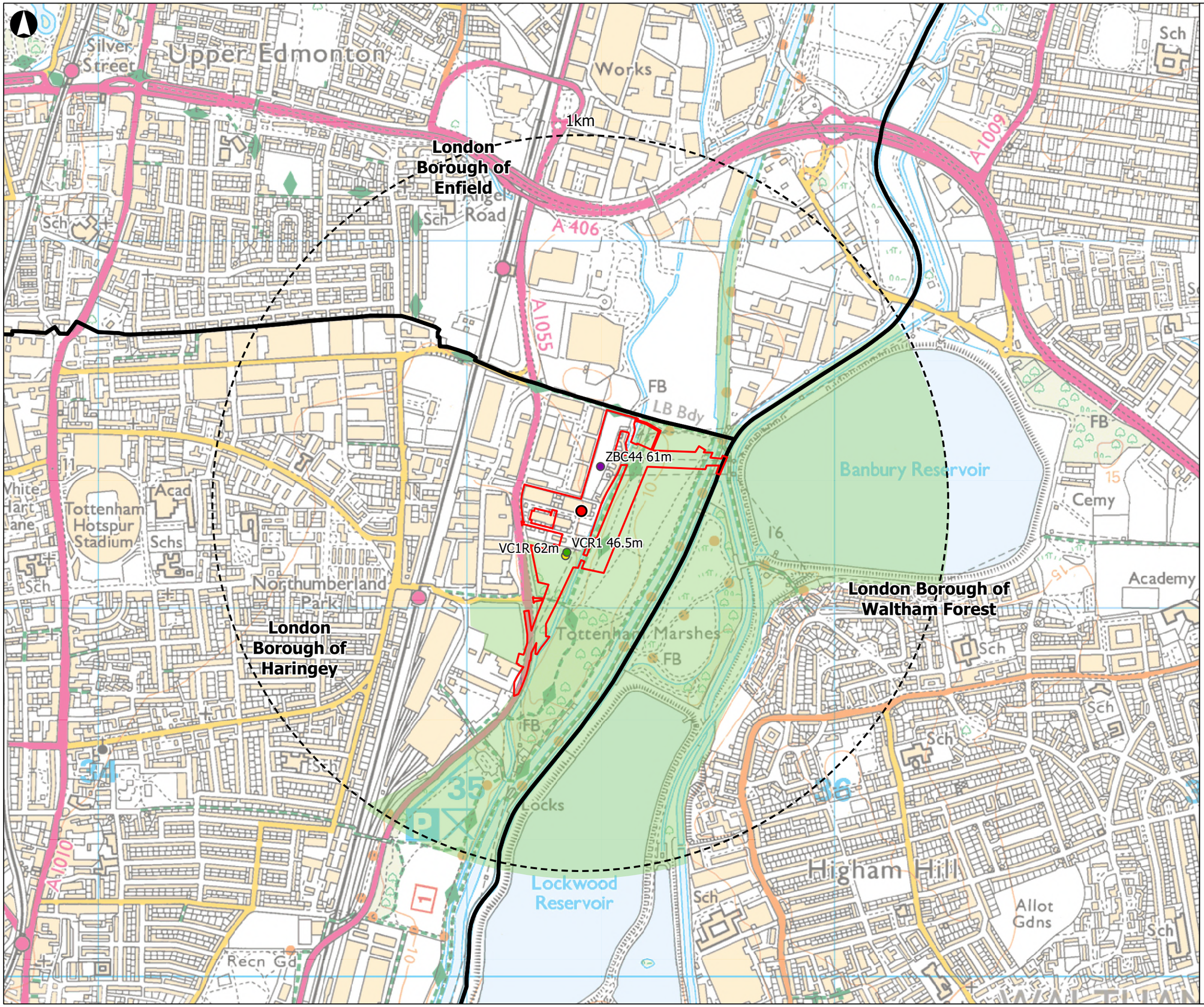
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Revision: P03

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Appendix 2 Supporting Figures



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- Proposed Non-Material Change Application Order Limits (Extract)
- 2014 Order authorised development – new transmission pylon VC1R
- Proposed Non Material Amendment Application change 1: new transmission pylon VC1R
- Proposed Non Material Amendment Application change 2: new transmission pylon ZBC 44
- Study Area
- Borough boundary
- Lee Valley Regional Park within study area

Coordinate System: British National Grid

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Ordnance Survey AC0000808122

Metres

0 130 260 520

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P03	27/02/2026	BWAN	CESL	RGON	--

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Project Name
North London Reinforcement Project Proposed Non-Material Change Application

Drawing Title
Figure 1: Site location and study area

Scale at A3
1:10,000

Role
GEN

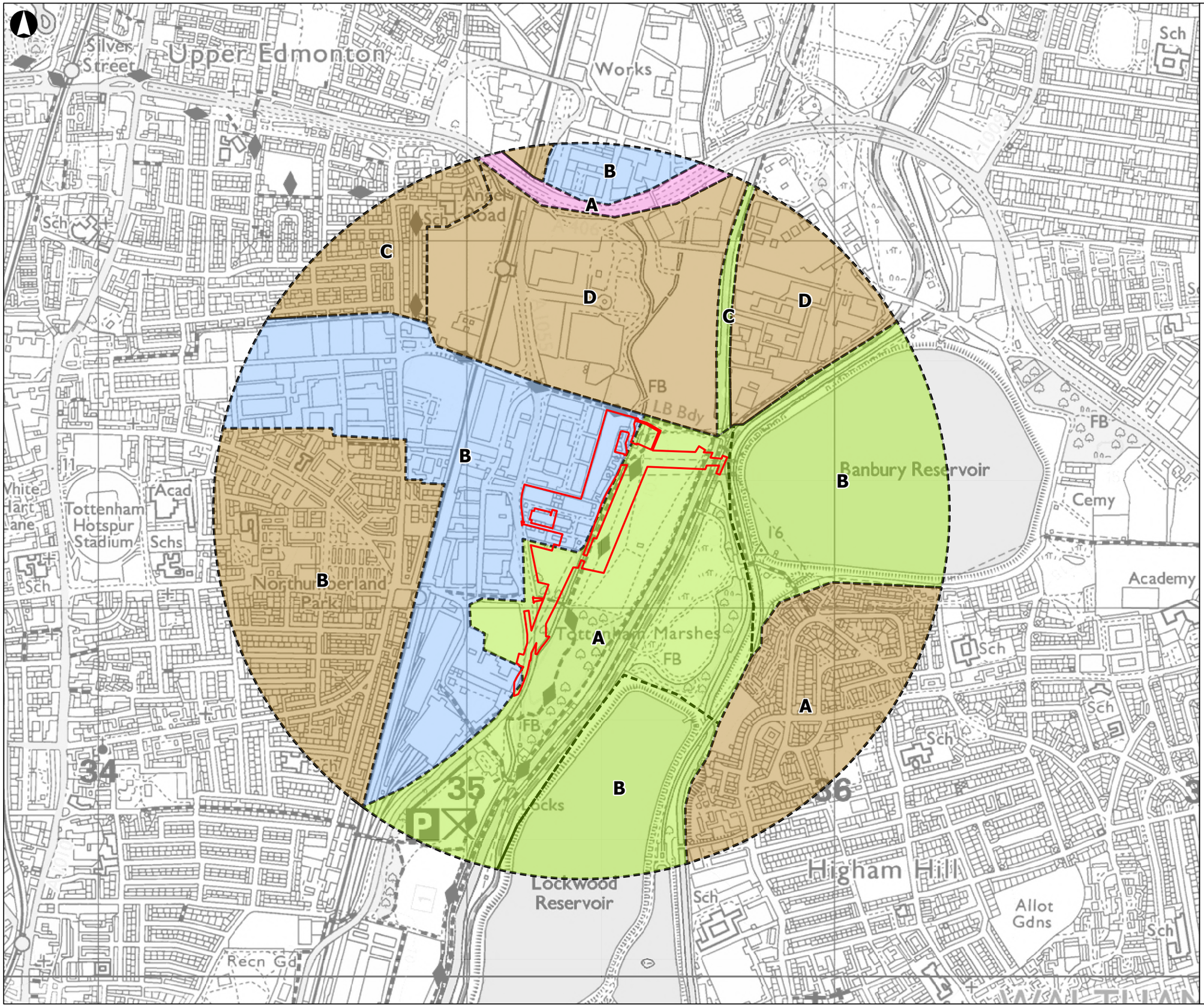
Suitability
For Reference

Project Number	Rev
288983-04	P03

Drawing Number
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Proposed Non-Material Change Application Order Limits (Extract)

1km Study Area

Landscape and Townscape Character Types

- Lee Valley Regional Park
  - A: Tottenham Marshes
  - B: Banbury and Lockwood
  - C: Lee Navigation
- Industrial and Ravenside
  - B: Industrial /Trading Estates
- Residential
  - A: Higham Hill
  - B: Tottenham
  - C: Upper Edmonton
  - D: Meridian Water
- Transport Routes
  - A: North Circular

Coordinate System: British National Grid

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Figure 2: Updated Landscape and Townscape character areas

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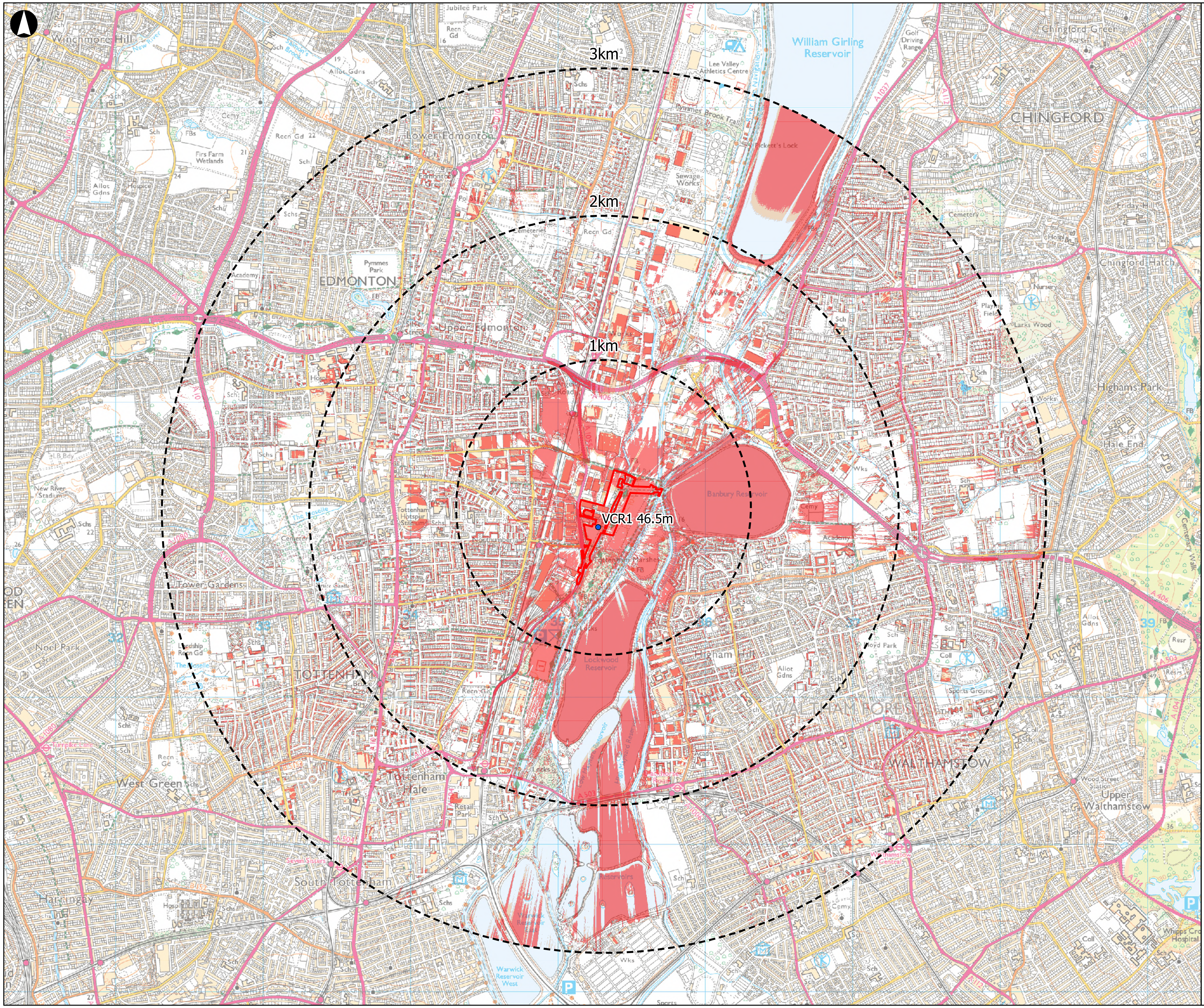
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Proposed Non-Material Change Application Order Limits (Extract)

2014 Order authorised development – new transmission pylon VC1R

Search area

Theoretical visibility

High Visibility

Low Visibility

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Figure 3: ZTV – 2014 Order authorised development new transmission pylon VC1R

Scale at A3
1:25,000

Role
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Suitability
For Reference

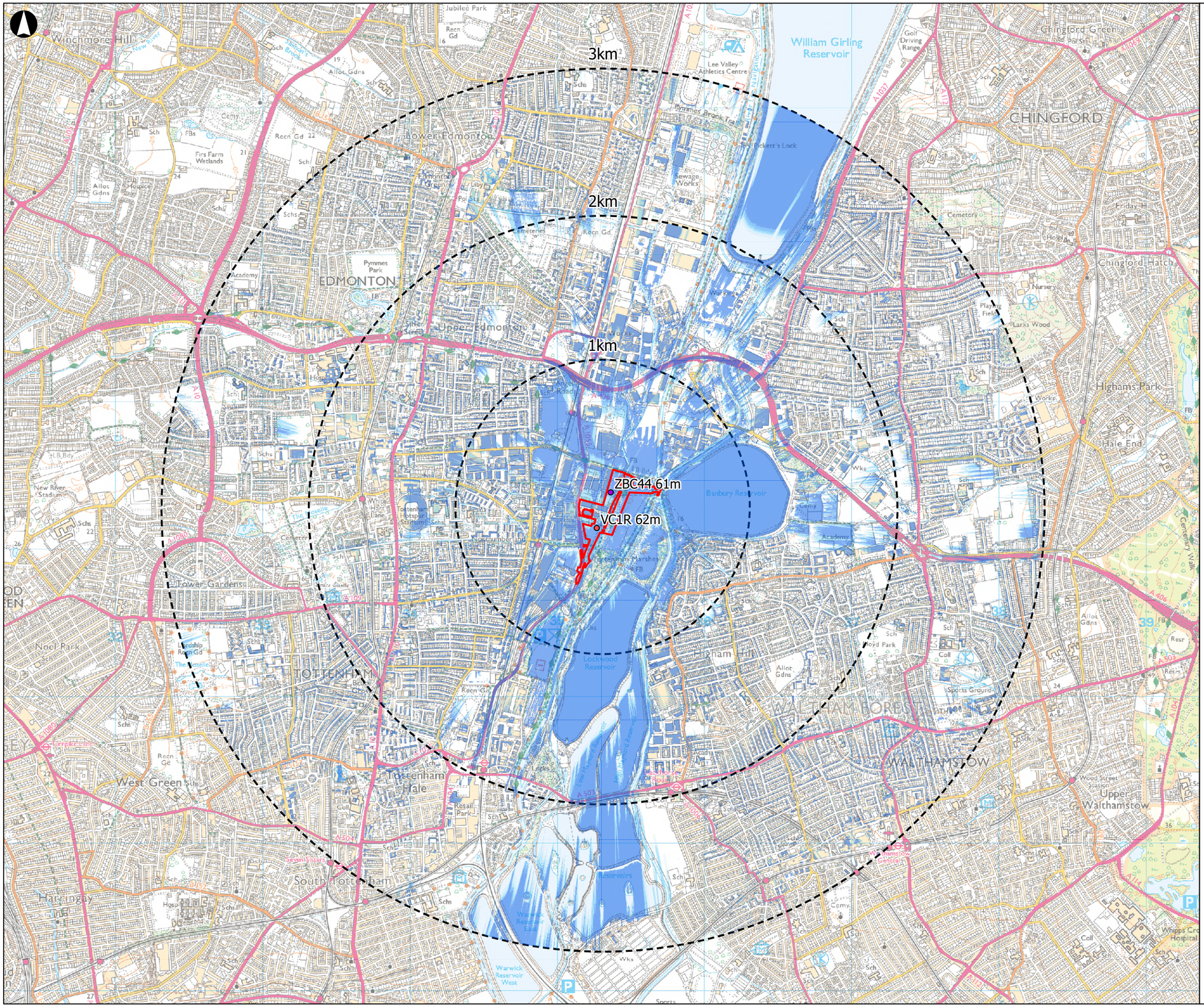
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288983-04

Rev
P06

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- Proposed Non-Material Change Application Order Limits (Extract)
- Proposed Non Material Amendment Application change 1: new transmission pylon VC1R
- Proposed Non Material Amendment Application change 2: new transmission pylon ZBC 44
- Search area

Theoretical visibility

- High Visibility
- Low Visibility

ZTV based on pylon heights of 61 m and 62 m, plus a +3 m Limit of deviation (64 m / 65 m).

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Figure 4: ZTV - proposed non-material changes

Scale at A3

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Role

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Project Number

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Rev

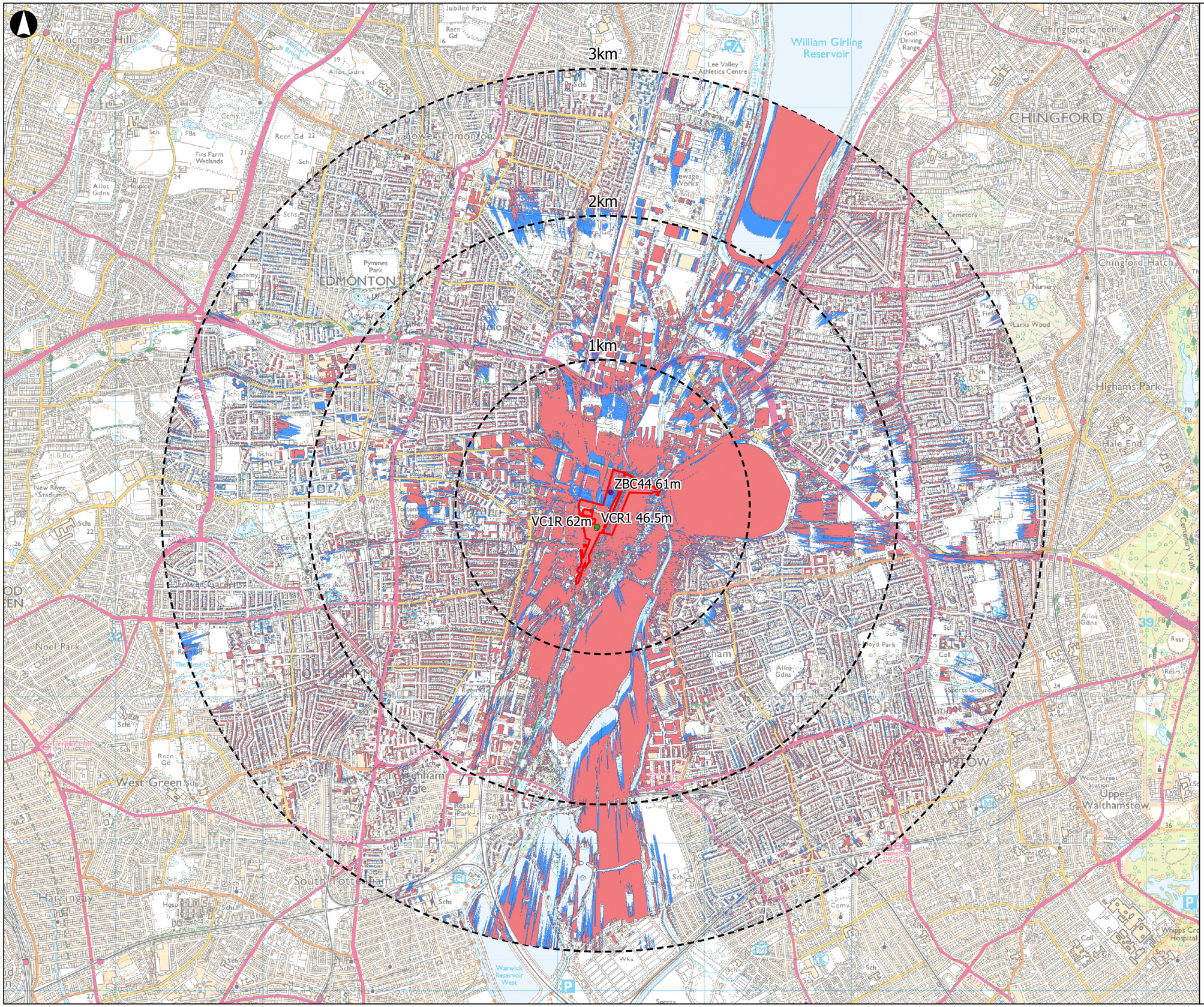
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Proposed Non-Material Change Application Order Limits (Extract)

2014 Order authorised development – new transmission pylon VC1R

Proposed Non Material Amendment Application change 1: new transmission pylon VC1R

Proposed Non Material Amendment Application change 2: new transmission pylon ZBC 44

Search area

Theoretical visibility of proposed Non-Material Change Application changes 1 and 2: new transmission pylons VC1R and ZBC44

Theoretical visibility of 2014 Order authorised development: new transmission pylon VC1R

ZTV based on pylon heights of 61 m and 62 m, plus a +3 m Limit of deviation (64 m / 65 m).

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Figure 5: ZVT – 2014 Order v's proposed non-material changes

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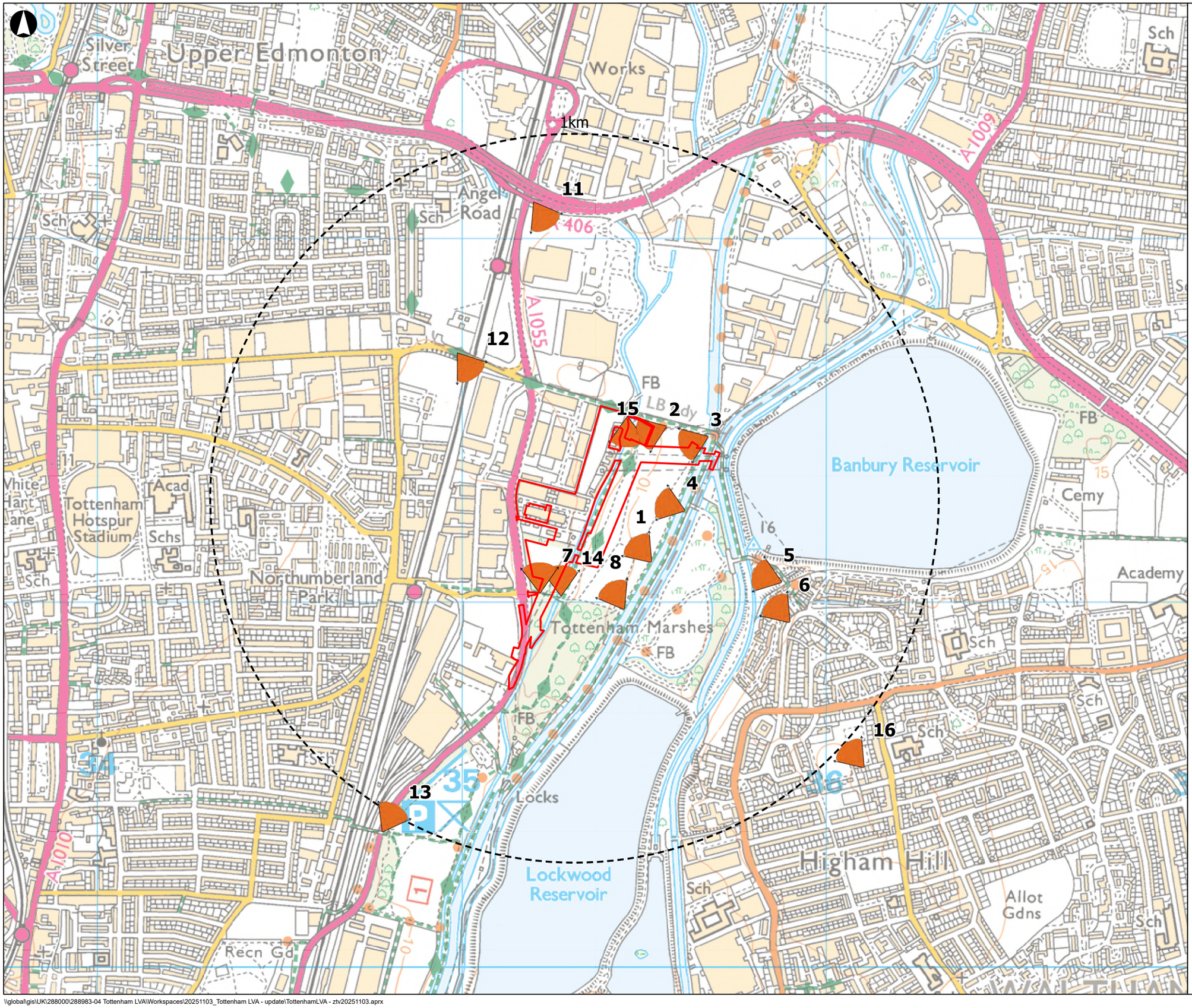
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Proposed Non-Material Change Application Order Limits (Extract)

1 km Study Area

Viewpoint location

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Drawing Title
Figure 6: Viewpoint Locations

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Project Number
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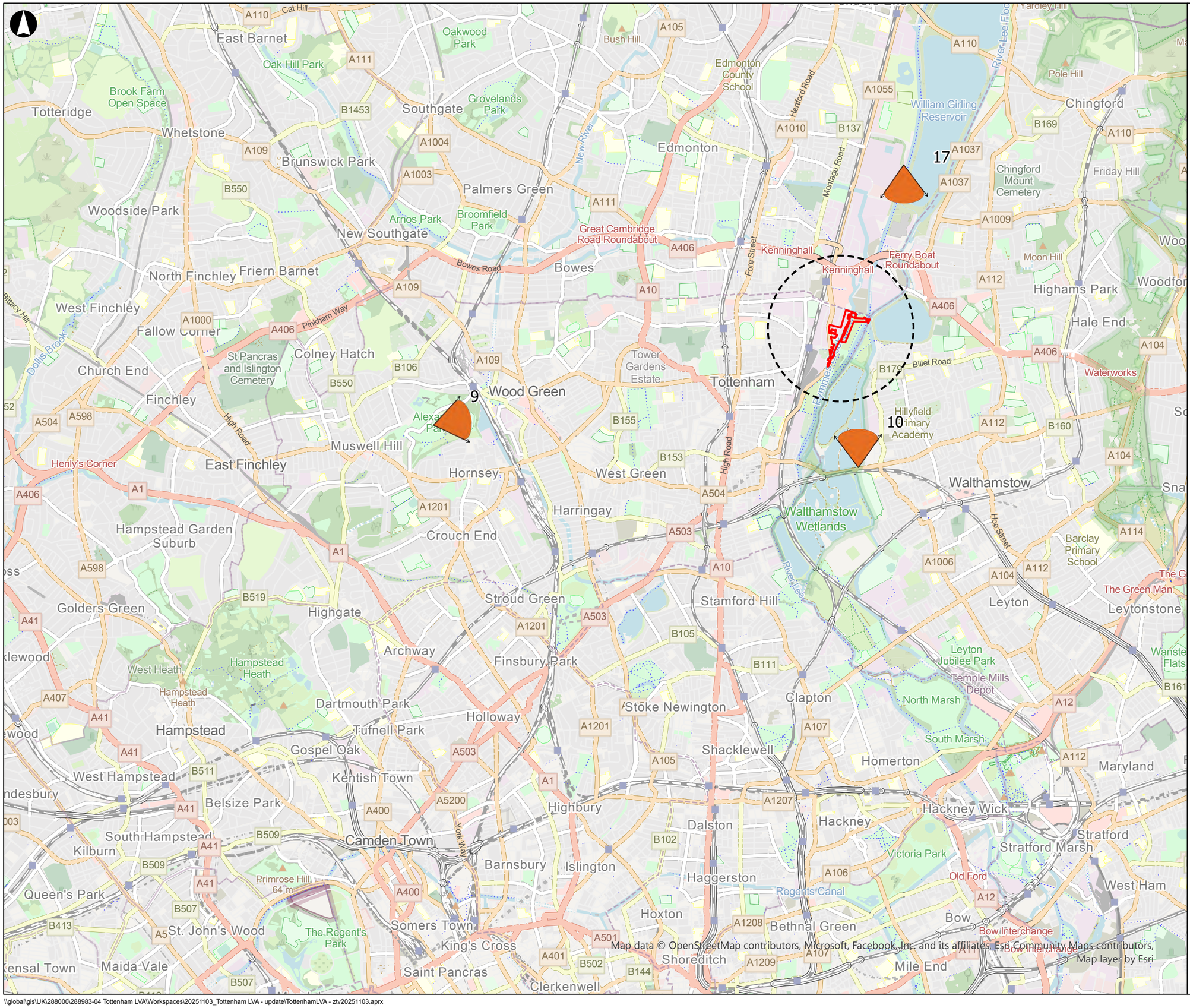
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Proposed Non-Material Change Application Order Limits (Extract)

1 km Study Area

Viewpoint location

Coordinate System: British National Grid

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Figure 7: Viewpoint Locations – Long and middle distance

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Appendix 3 Viewpoint Photography

Viewpoint Photography enclosed separately