

Local Plan Consultation
Brentwood Borough Reception
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Brentwood
CM15 8AY

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Sent by email to:
planning.policy@brentwood.gov.uk

8 March 2019

Dear Sir / Madam

Brentwood Borough Council: Local Plan Consultation SUBMISSION ON BEHALF OF NATIONAL GRID

National Grid has appointed Wood to review and respond to development plan consultations on its behalf. We are instructed by our client to submit the following representation with regard to the current consultation on the above document.

About National Grid

National Grid Electricity Transmission plc (NGET) owns and maintains the electricity transmission system in England and Wales and National Grid Electricity System Operator (NGESO) operates the electricity transmission network across the UK. The energy is then distributed to the eight electricity distribution network operators across England, Wales and Scotland.

National Grid Gas plc (NGG) owns and operates the high-pressure gas transmission system across the UK. In the UK, gas leaves the transmission system and enters the UK's four gas distribution networks where pressure is reduced for public use.

National Grid previously owned part of the gas distribution system known as 'National Grid Gas Distribution limited (NGGDL). Since May 2018, NGGDL is now a separate entity called 'Cadent Gas'.

To help ensure the continued safe operation of existing sites and equipment and to facilitate future infrastructure investment, National Grid wishes to be involved in the preparation, alteration and review of plans and strategies which may affect National Grid's assets.

Proposed sites crossed or in close proximity to National Grid infrastructure:

Following a review of the above development plan, the following sites have been identified as being crossed or in close proximity to National Grid infrastructure. Further details are provided in the table overleaf.



Electricity Transmission

Site Ref	Asset Details	Appendix Ref
E11- Brentwood Enterprise Park	ZB Route - 275Kv two circuit route from Warley substation in Havering to Waltham Cross substation in Epping Forest	ET329 (GT113)

Gas Transmission

Site Ref	Asset Details	Appendix Ref
R01 Strategic Allocation Brentwood Hills Garden Village	FM05 - Braintree to Horndon	GT111
R06 – Land off Nags Head Lane, Brentwood	FM18 - Stapleford Tawney to Tilbury Thames North	GT112
E11- Brentwood Enterprise Park	FM18 - Stapleford Tawney to Tilbury Thames North	GT113 (ET329)

Please see enclosed plan referenced ET329, GT111, GT112 & GT113 at Appendix 2. The proposed sites are crossed by a National Grid high voltage electricity transmission overhead line and/or National Grid underground high-pressure gas pipeline.

The statutory safety clearances between overhead lines, the ground, and built structures must not be infringed. Where changes are proposed to ground levels beneath an existing line then it is important that changes in ground levels do not result in safety clearances being infringed. National Grid can, on request, provide to developers detailed line profile drawings that detail the height of conductors, above ordnance datum, at a specific site. You can find National Grid's guidelines for developing near Over Head Lines here:

https://www.nationalgrid.com/sites/default/files/documents/Development%20near%20overhead%20lines_0.pdf

Electricity Distribution

UK Power Networks owns and operates the local electricity distribution network in Brentwood Borough Council. Contact details can be found at www.energynetworks.org.uk.

National Grid Asset Guidance

National Grid seeks to encourage high quality and well-planned development in the vicinity of its high voltage overhead lines. Land beneath and adjacent to the overhead line route should be used to make a positive contribution to the development of the site and can for example be used for nature conservation, open space, landscaping areas or used as a parking court. National Grid, in association with David Lock Associates has produced 'A Sense of Place' guidelines, which provide detail on how to develop near overhead lines and offers practical solutions which can assist in avoiding the unnecessary sterilisation of land in the vicinity of high voltage overhead lines.

Potential developers of these sites should be aware that it is National Grid policy to retain our existing overhead lines in-situ. The relocation of existing high voltage overhead lines will only be considered for projects of national importance which has been identified as such by central government.

National Grid requests that any High-Pressure Gas Pipelines are taken into account when site options are developed in more detail. These pipelines form an essential part of the national gas transmission system and National Grid's approach is always to seek to leave our existing transmission pipelines in situ. Please refer to the Health and Safety Executive (HSE) in the first instance.

National Grid have land rights for each asset which prevents the erection of permanent/ temporary buildings, or structures, changes to existing ground levels, storage of materials etc. Additionally, written permission will be required before any works commence within the National Grid easement strip, and a deed of consent is required for any crossing of the easement. In the first instance please consider checking with the Land Registry for the development area.

If you require any further information in relation to the above and/or if you would like to check if National Grid's transmission networks may be affected by your works, please contact National Grid's Plant Protection team via plantprotection@nationalgrid.com or visit the website: <https://www.linesearchbeforeudig.co.uk/>

Further Advice

National Grid is happy to provide advice and guidance to the Council concerning our networks. If we can be of any assistance to you in providing informal comments in confidence during your policy development, please do not hesitate to contact us. In addition, the following publications are available from the National Grid website or by contacting us at the address overleaf:

- A sense of place – design guidelines for development near high voltage overhead lines: A sense of place design guidelines for development near high voltage overhead lines: <https://www.nationalgrid.com/sites/default/files/documents/Sense%20of%20Place%20-%20National%20Grid%20Guidance.pdf>
- Guidelines when working near NGG assets: <https://www.nationalgridgas.com/land-and-assets/working-near-our-assets>
- Guidelines when working near NGETT assets: <https://www.nationalgridet.com/network-and-assets/working-near-our-assets>

Appendices - National Grid Assets

Please find attached in:

- Appendix 1 provides a map of the National Grid network across the UK.
- Appendix 2 provides maps of the sites referenced above in relation to the affected National Grid Transmission assets outlined above.

Please remember to consult National Grid on any Development Plan Document (DPD) or site-specific proposals that could affect our infrastructure. We would be grateful if you could add our details shown below to your consultation database:

Lucy Bartley
Consultant Town Planner

n.grid@woodplc.com

Wood E&I Solutions UK Ltd
Nicholls House
Homer Close
Leamington Spa
Warwickshire
CV34 6TT

Spencer Jefferies
Development Liaison Officer, National Grid

box.landacquisitions@nationalgrid.com

National Grid House
Warwick Technology Park
Gallows Hill
Warwick
Warwickshire
CV34 6DA

I hope the above information is useful. If you require any further information, please do not hesitate to contact me.

Yours faithfully

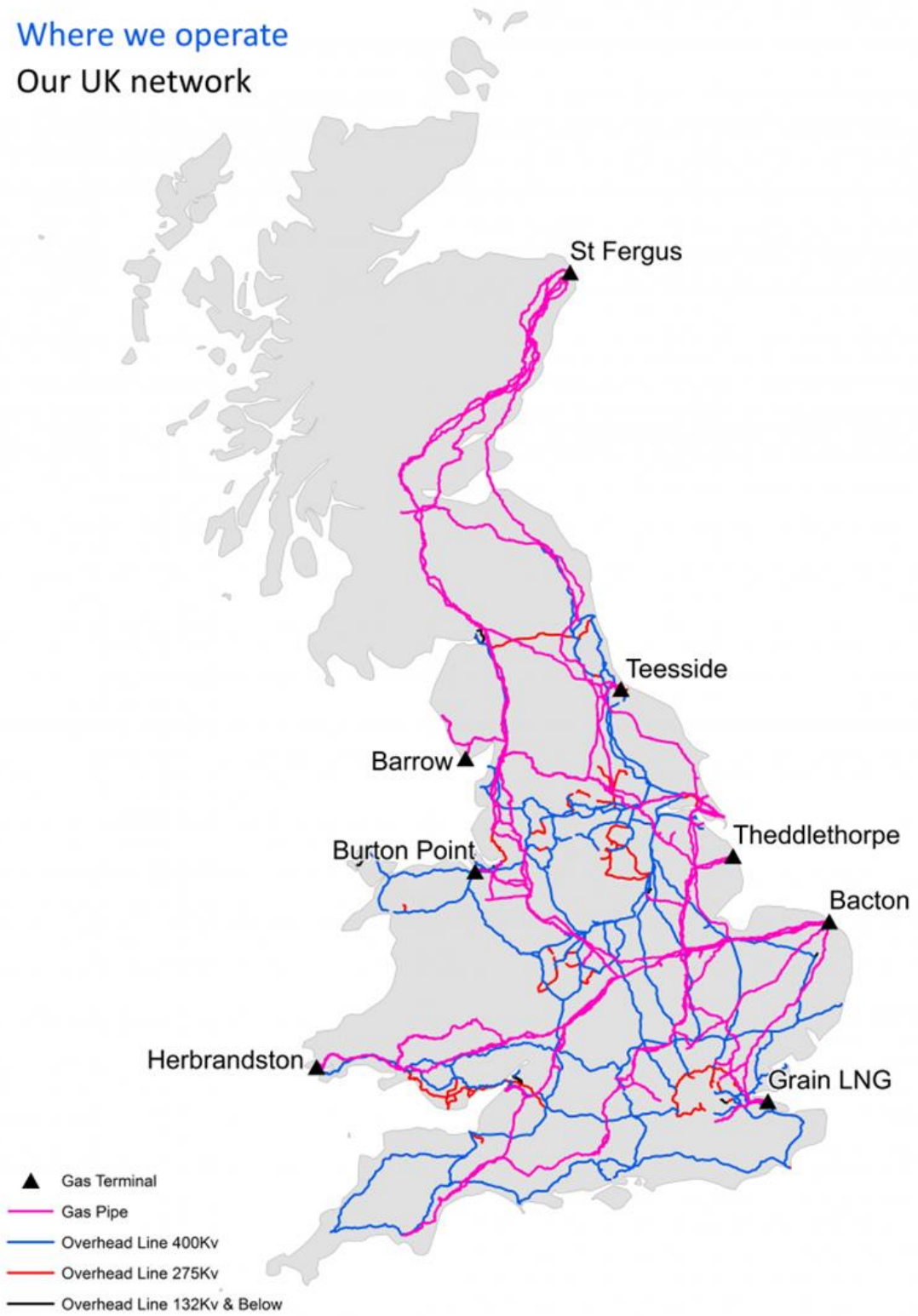
[via email]

Lucy Bartley
Consultant Town Planner

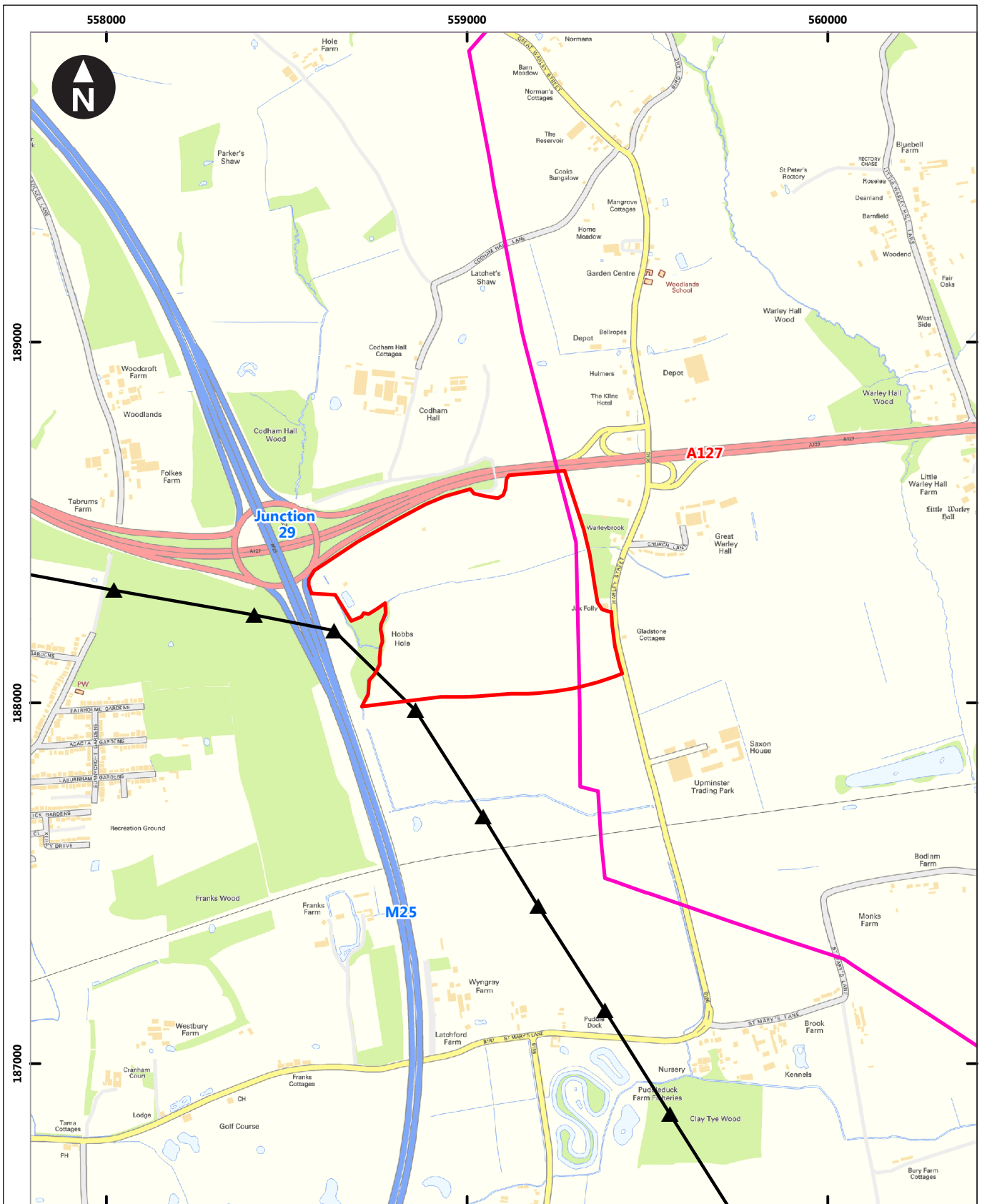
cc. Spencer Jefferies, National Grid

APPENDIX 1: WHERE NATIONAL GRID'S UK NETWORK

Where we operate
Our UK network

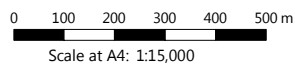


APPENDIX 2: NATIONAL GRID TRANSMISSION ASSETS



Key

- Indicative site boundary
- Tower
- Overhead line
- Gas transmission pipeline (high pressure)

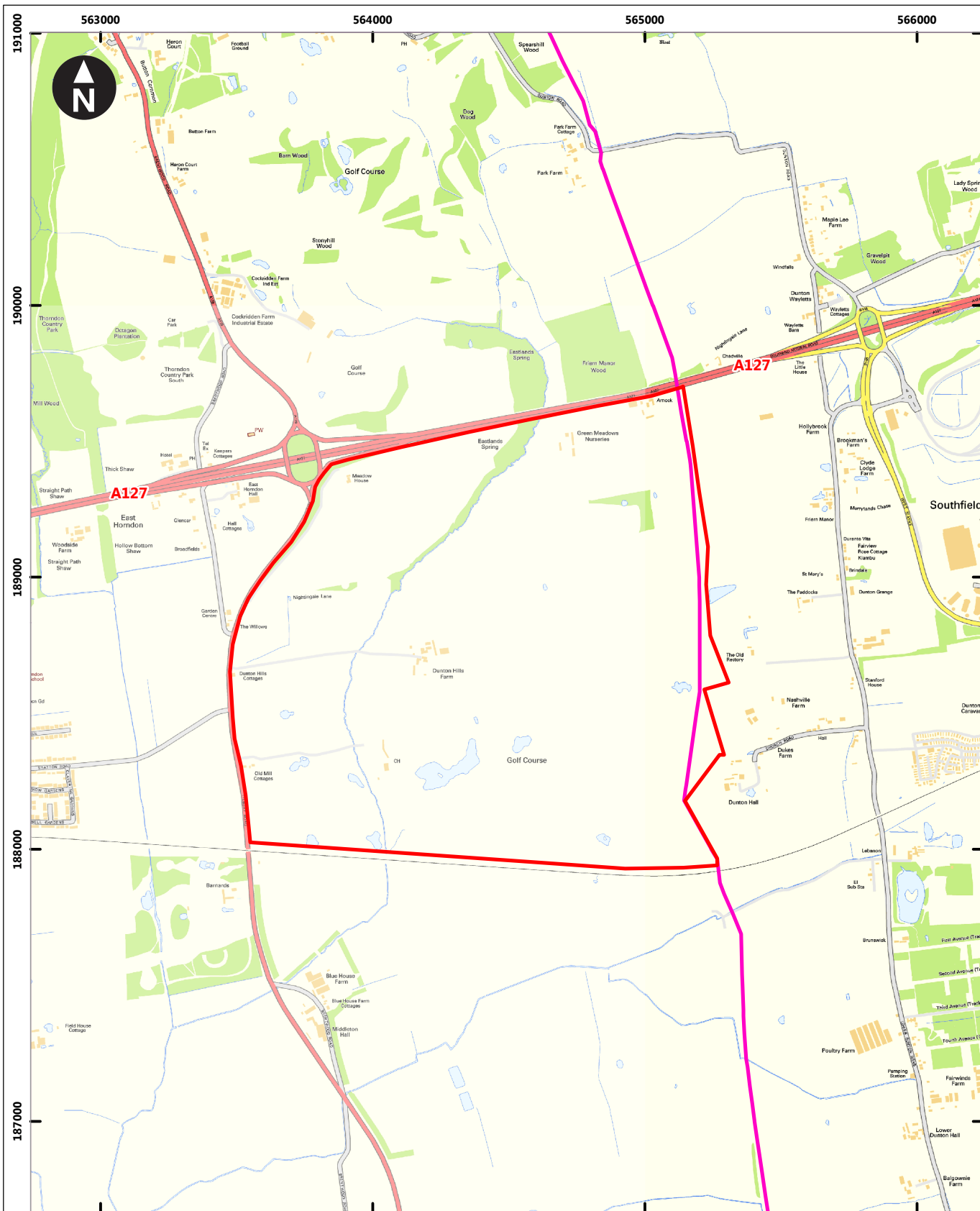


Development Plan Monitoring

National Grid Reference:
Site ET329 (GT113)
E11 Brentwood Enterprise Park
Brentwood Borough Council
Proposed Development Site
Employment

March 2019





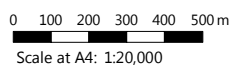
Key

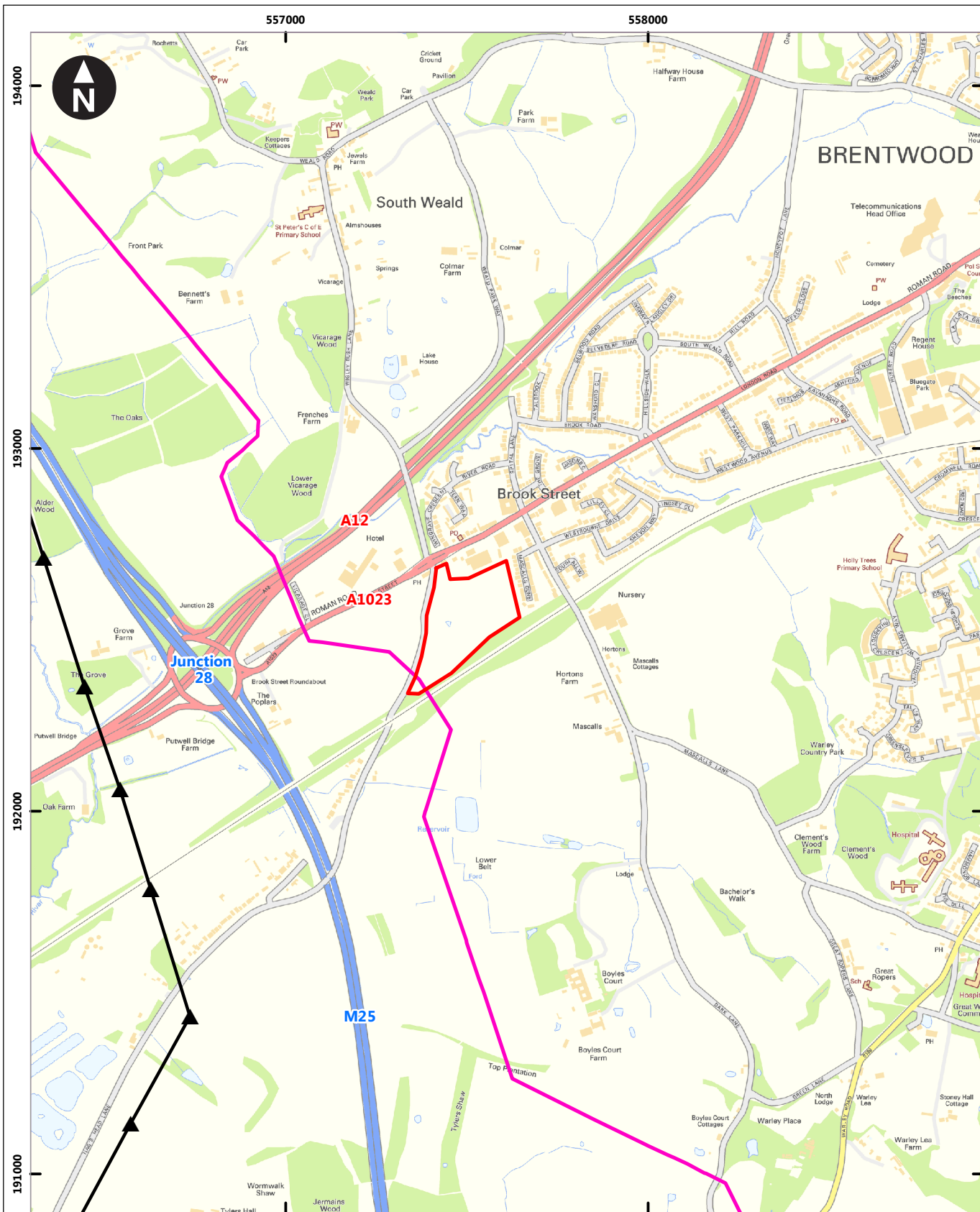
- Indicative site boundary
- Gas transmission pipeline (high pressure)

Development Plan Monitoring

National Grid Reference:
Site GT111
R01 Strategic Allocation
Dunton Hills Garden Village
Brentwood Borough Council
Proposed Development Site
Residential

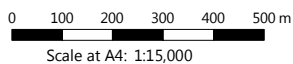
March 2019





Key

- Indicative site boundary
- Tower
- Overhead line
- Gas transmission pipeline (high pressure)



Development Plan Monitoring

National Grid Reference:
Site GT112
R06 Land off Nags Head Lane, Brentwood
Brentwood Borough Council
Proposed Development Site
Residential

March 2019

