

AENC-LSTC-ENG-DWG-0003

Norwich to Tilbury

Volume 2: Plans, Drawings and Sections

Document: 2.3 Works Plans - Section H

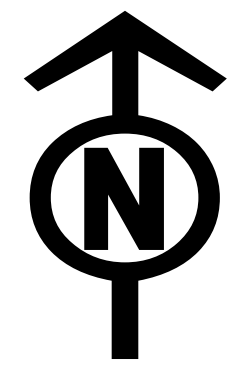
Final Issue B

May 2026

Planning Inspectorate Reference: EN020027

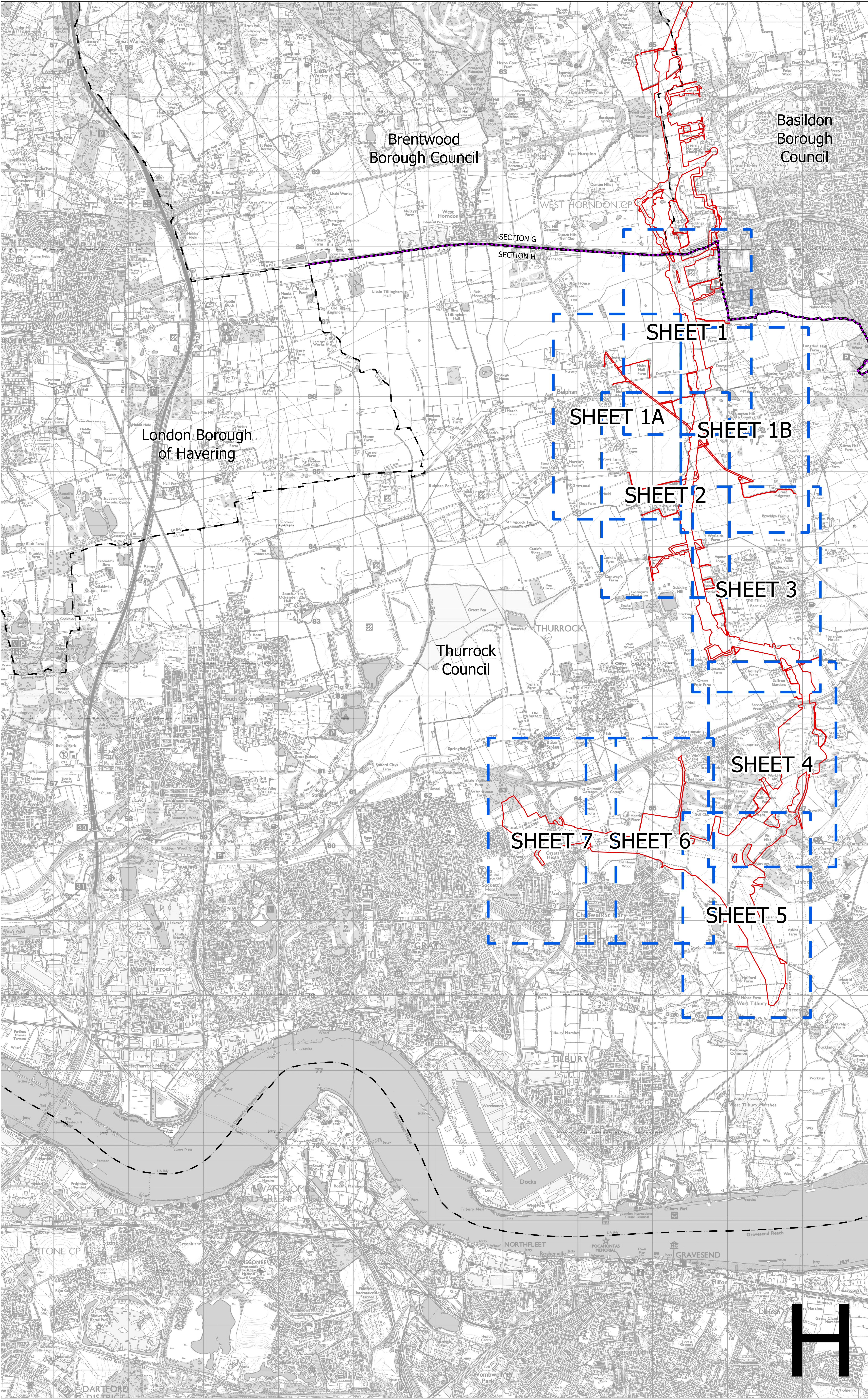
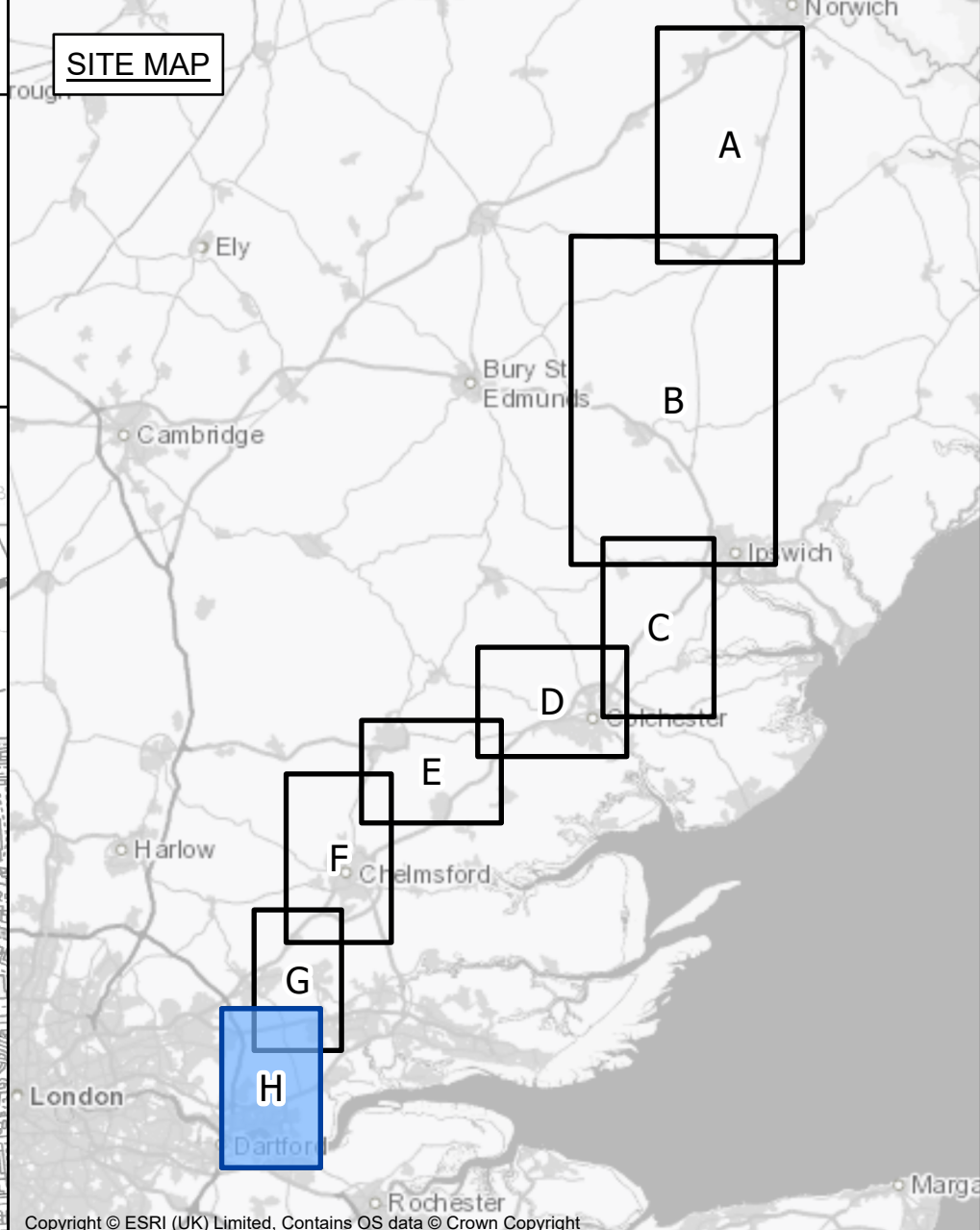
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(j)

nationalgrid



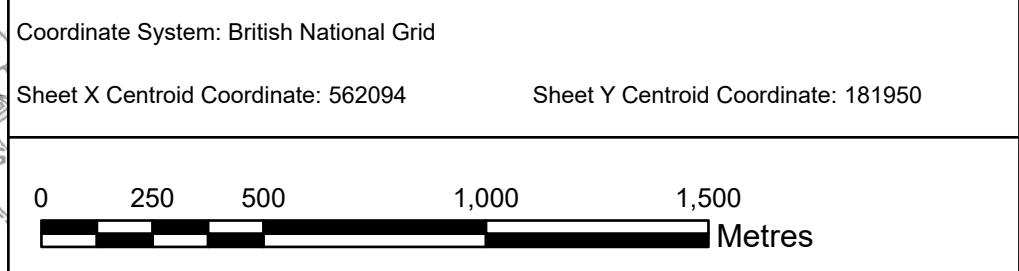
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS KEY PLAN
REGULATION 5(2)(j)
SECTION H (SHEET 1 OF 1,
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

Application Document 2.3



- Legend**
- - Local authority boundary
 - - Section boundary & local authority boundary
 - - Section boundary
 - Sheet Index
 - Order Limits

- Notes**
1. These plans show the Order Limits and potential location for the works. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its Development Consent Order, within which any final alignments would lie.
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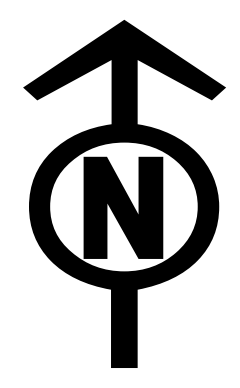
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B	MAY-2025	For deadline four	TMH	JPC	KR
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Issue	Date	Remarks	Drawn	Checked	Approved

Title

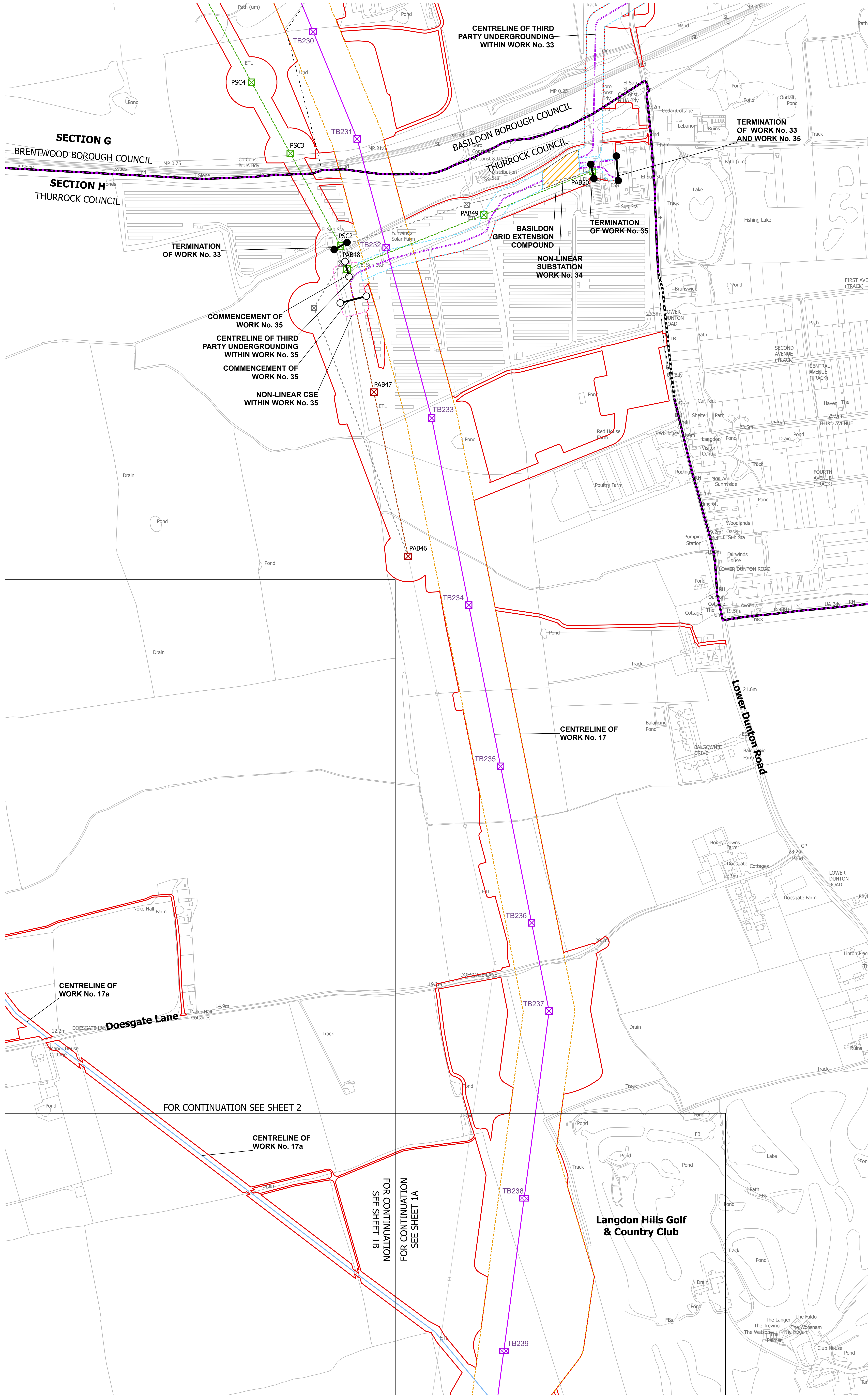
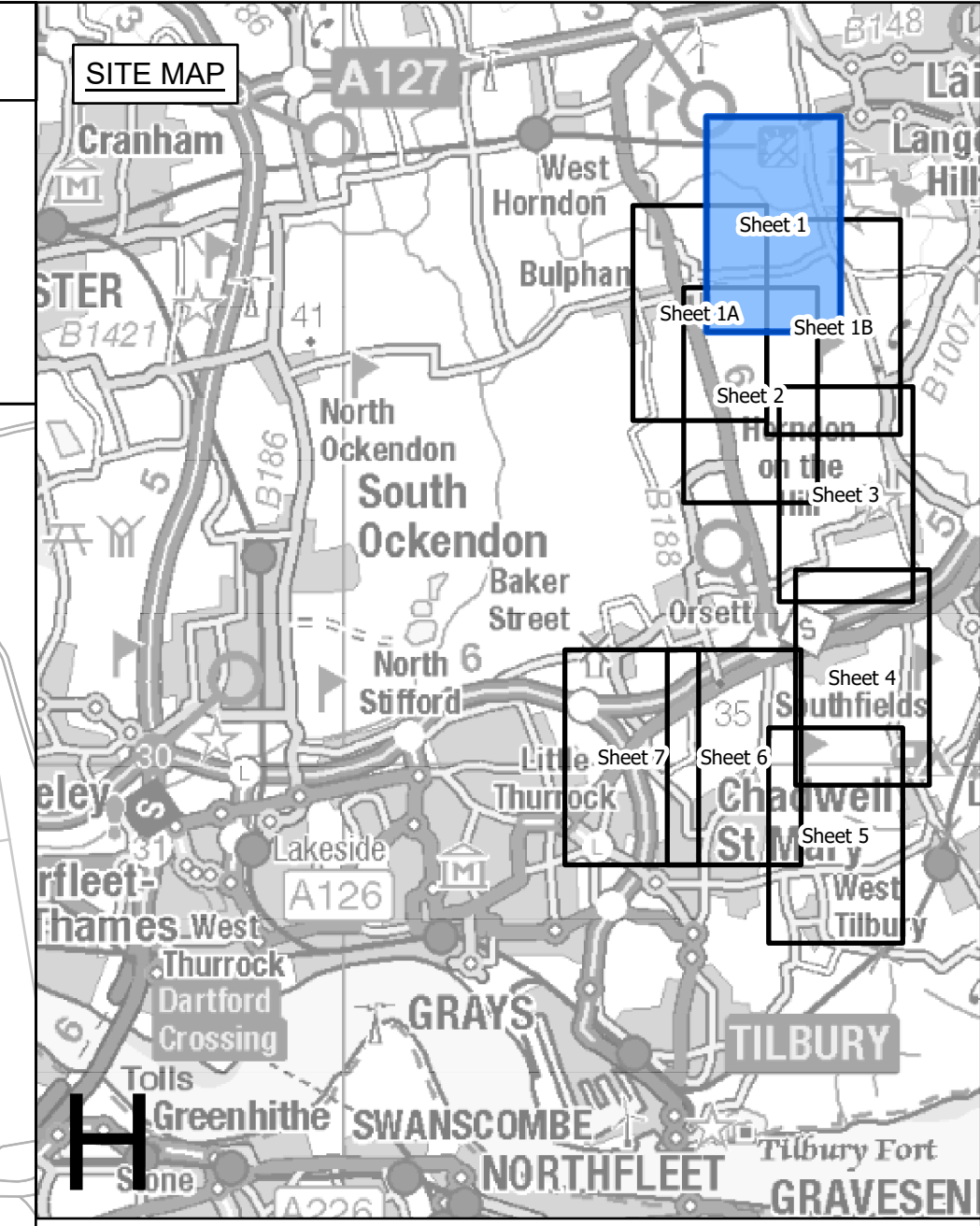
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nationalgrid			
PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0003			
Scale 1:17,000	Sheet Size A0	Sheet SHEET 1 OF 1	Issue B



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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REGULATION 5(2)(j)
SECTION H (SHEET 1 OF 7,
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

Application Document 2.3



Legend

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- Sheet index cutlines
- Commencement of work
- Termination of work
- Termination and commencement of work
- Order Limits
- Limits of deviation: overhead lines
- Limits of deviation: temporary overhead lines
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- Limits of deviation: non-linear works
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- Proposed substation or proposed substation extension
- Centreline of Work No. 17a

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 565485 Sheet Y Centroid Coordinate: 196862

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B	MAY-2026	For deadline four	TMH	JPC	KR
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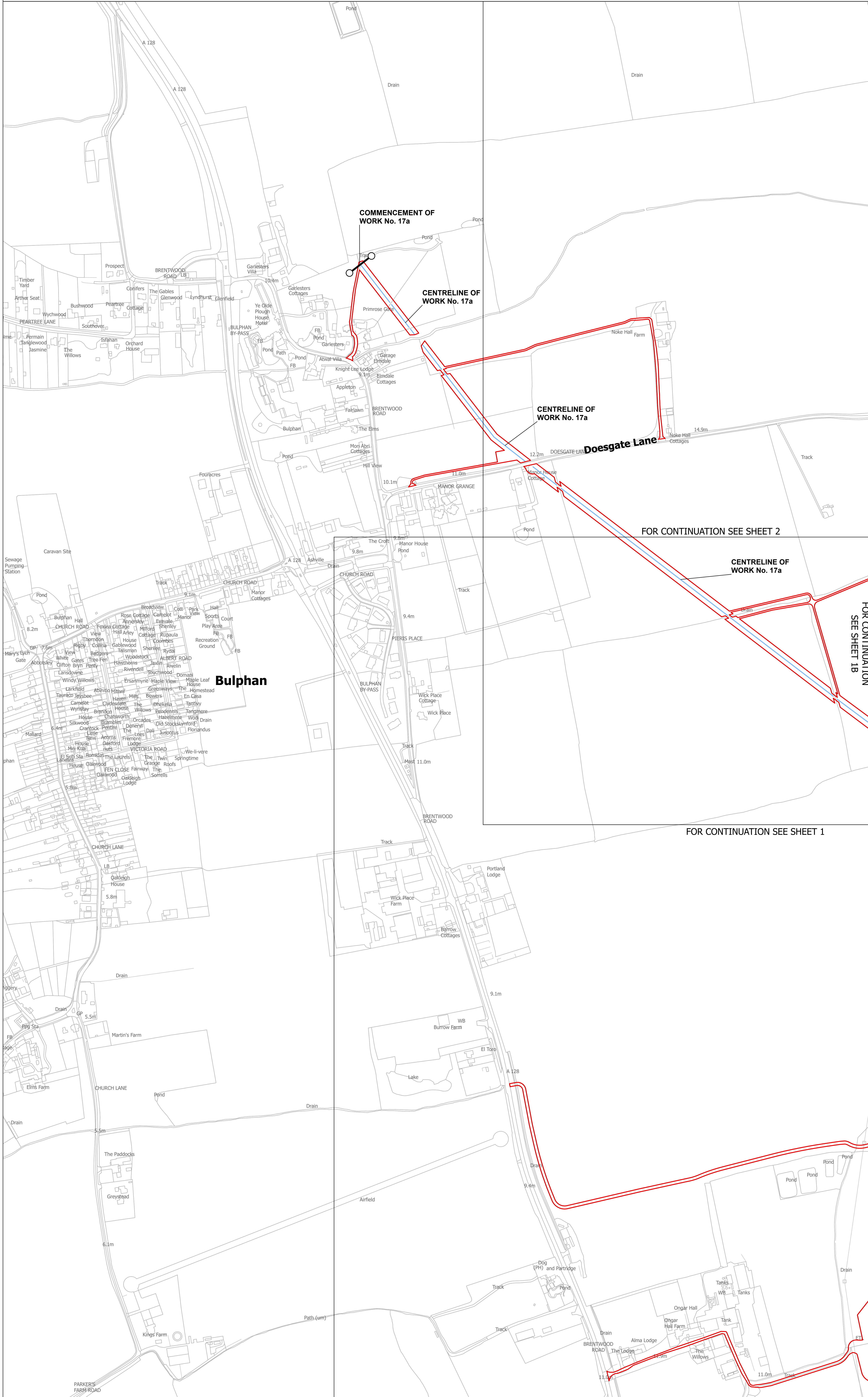
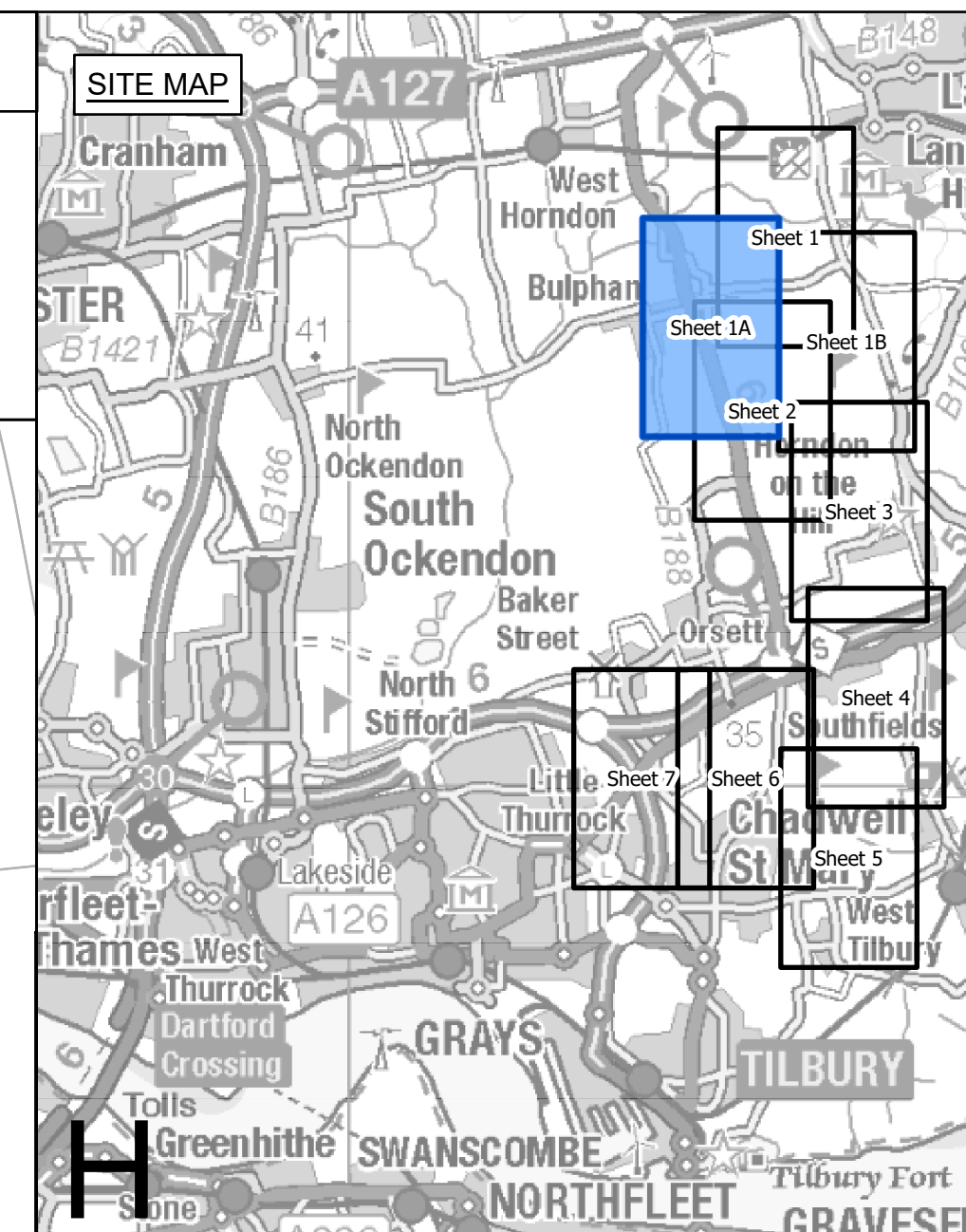
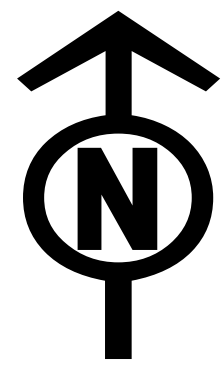
nationalgrid

PINS Application Number
EN020027

National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 1 OF 7	B

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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REGULATION 5(2)(j)
SECTION H (SHEET 1A OF 7,
THURROCK COUNCIL)



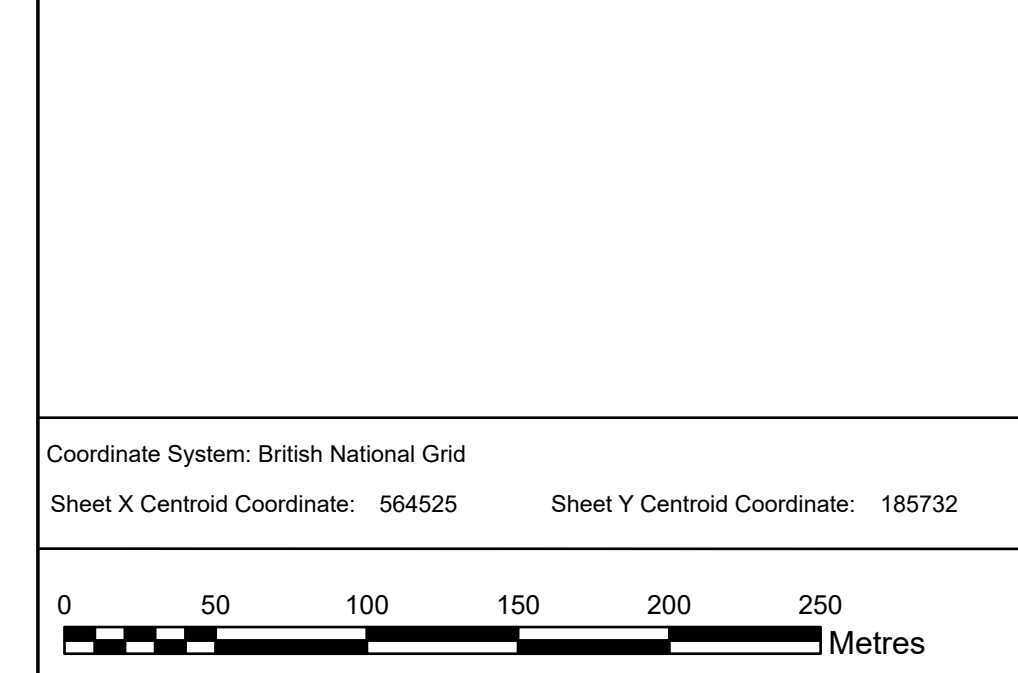
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FOR CONTINUATION SEE SHEET 2

FOR CONTINUATION SEE SHEET 1B

FOR CONTINUATION SEE SHEET 1

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nationalgrid

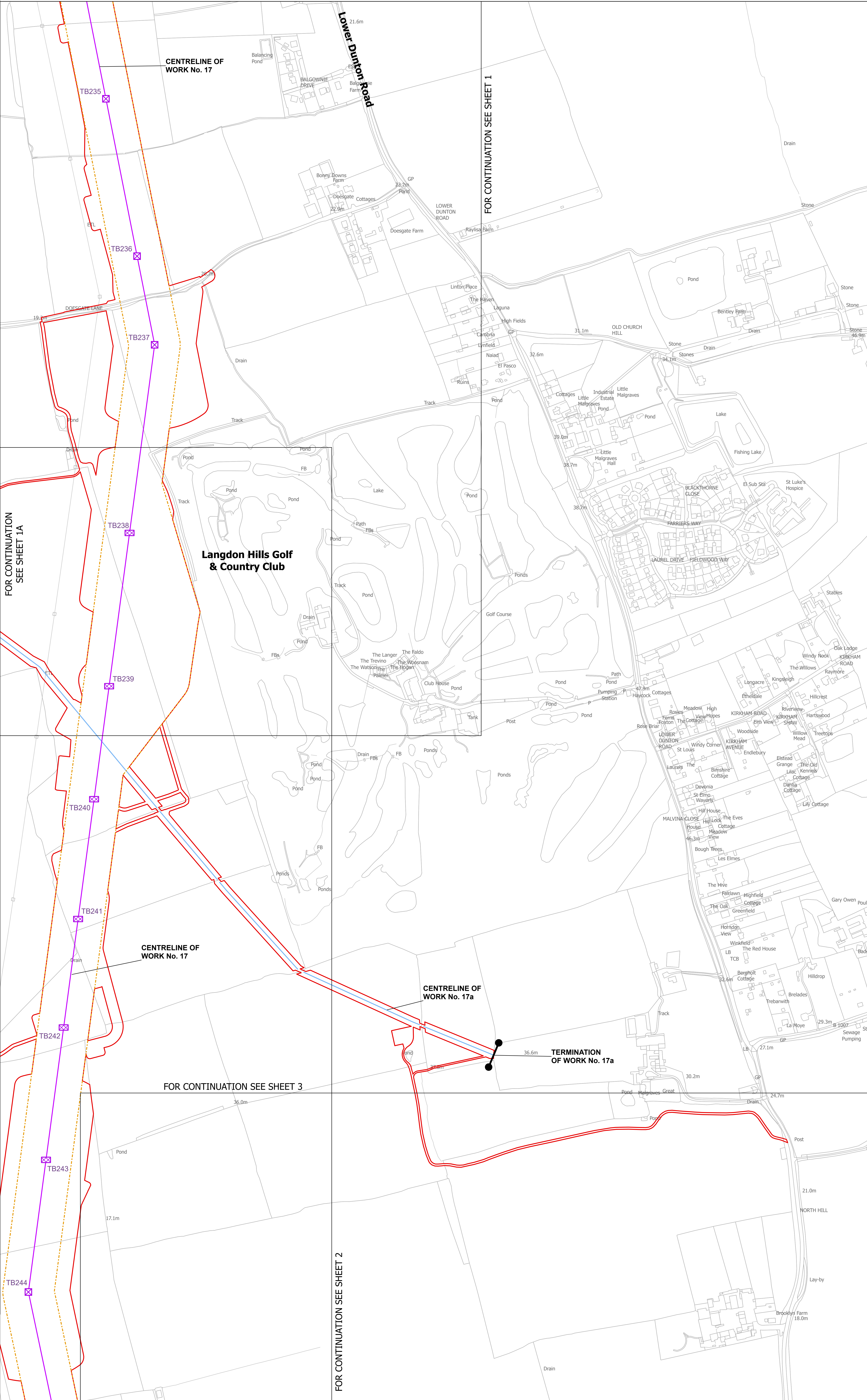
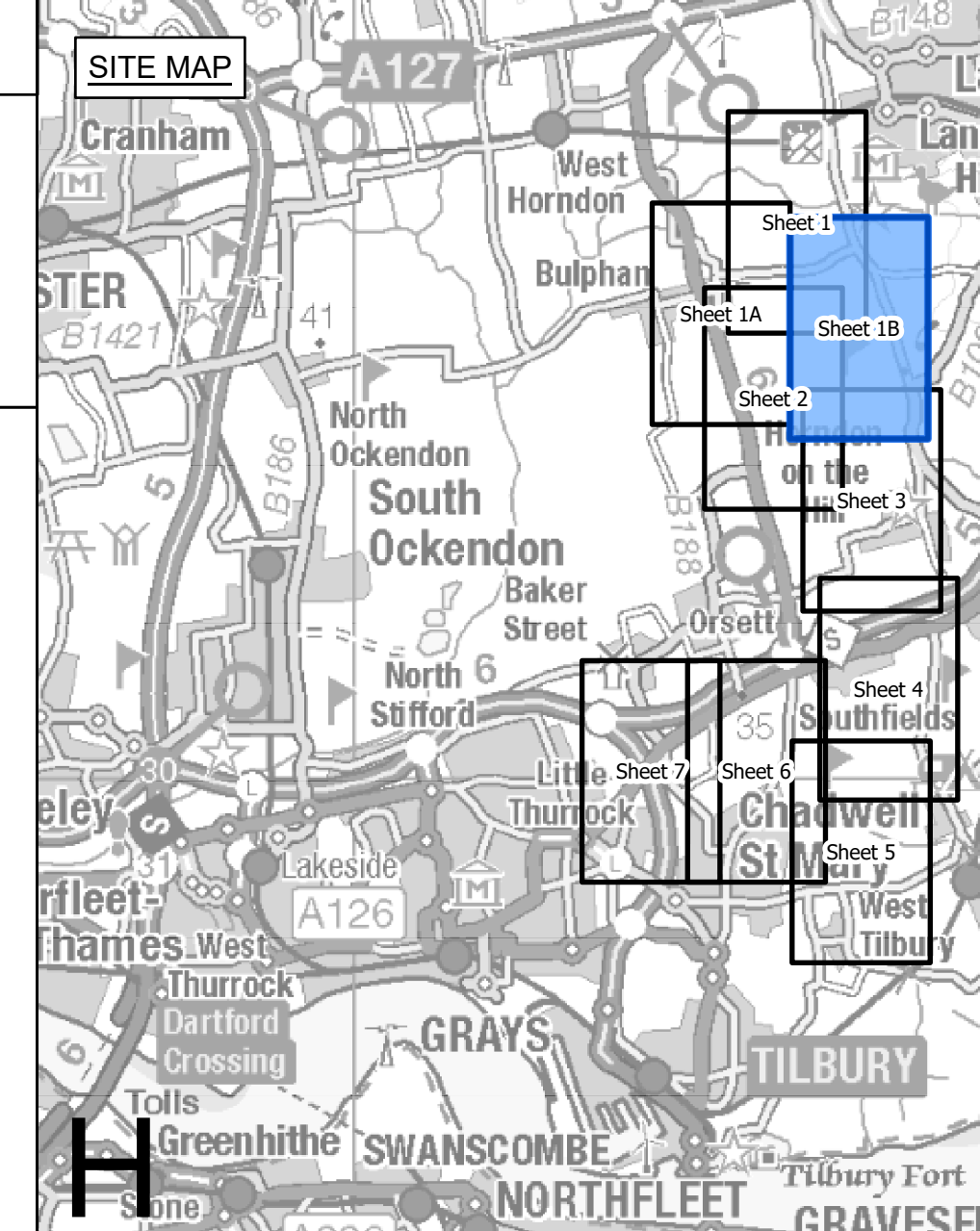
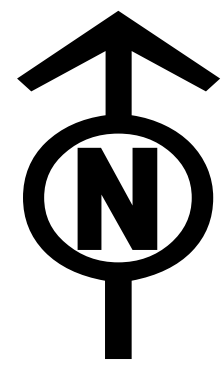
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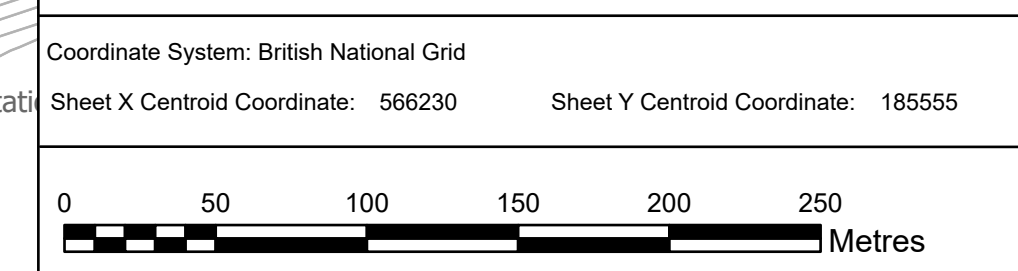
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Application Document 2.3



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nationalgrid

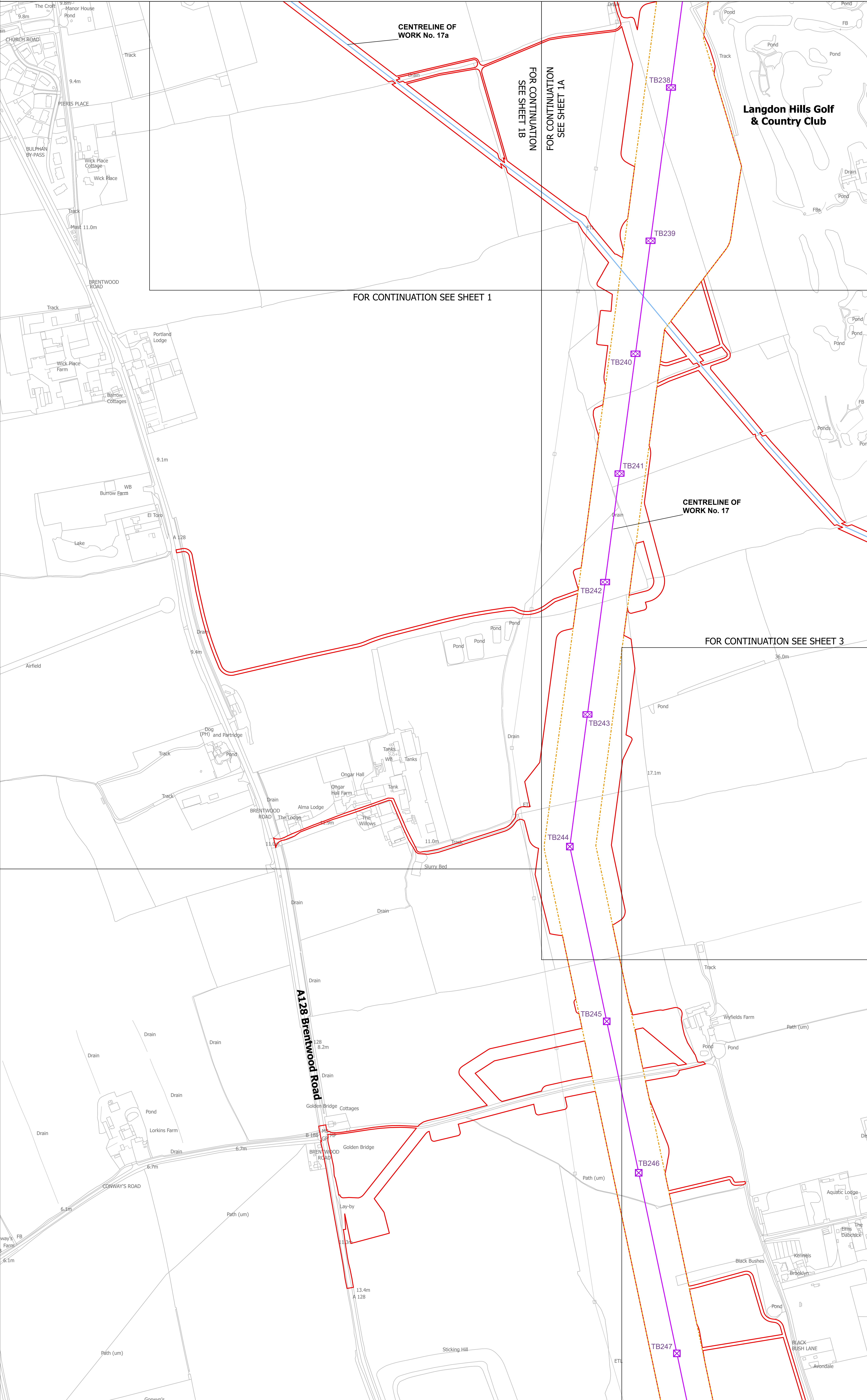
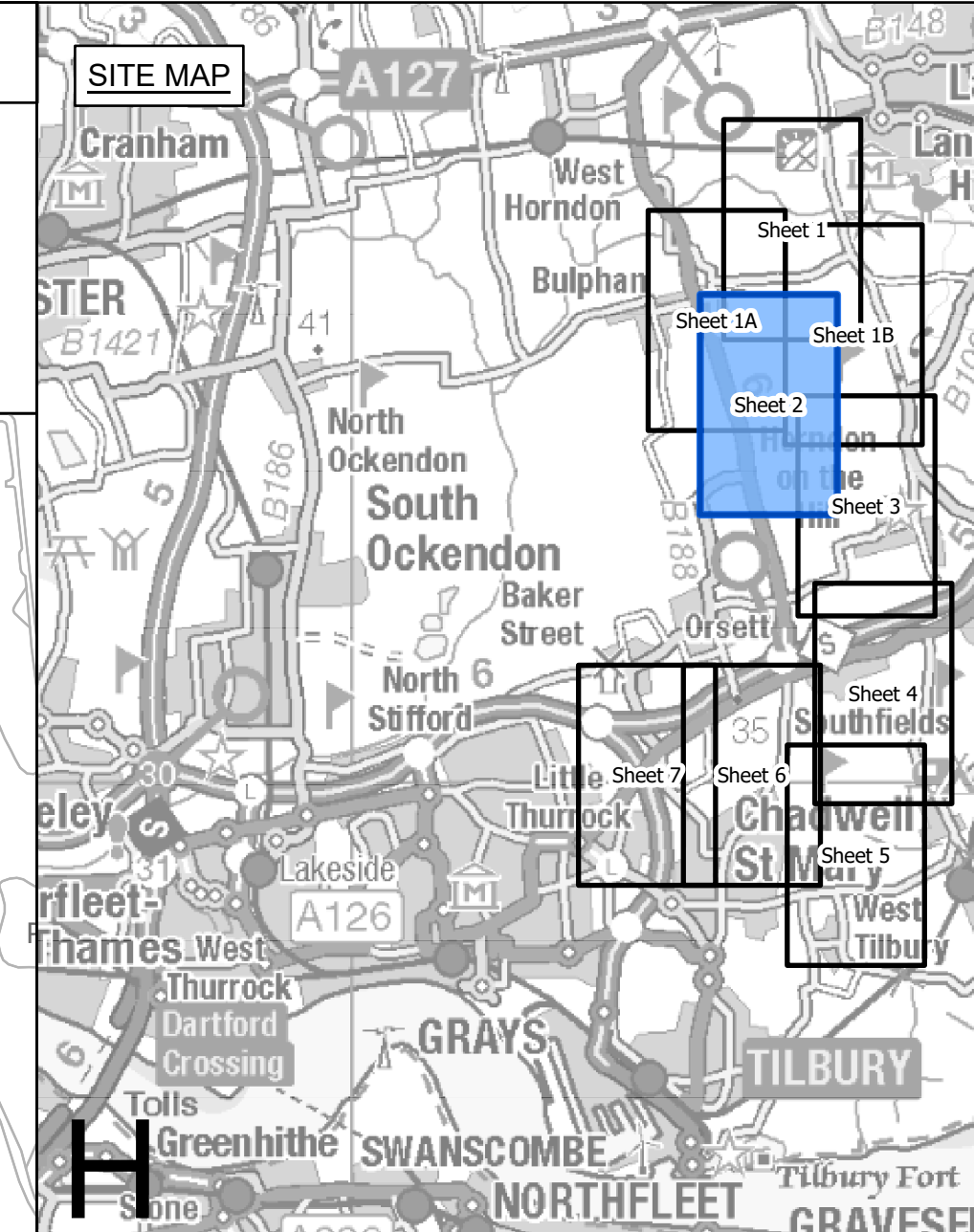
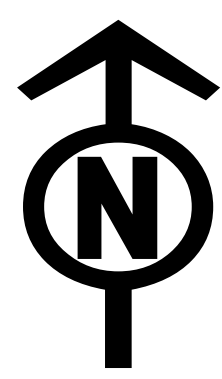
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REGULATION 5(2)(j)
SECTION H (SHEET 2 OF 7,
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Application Document 2.3

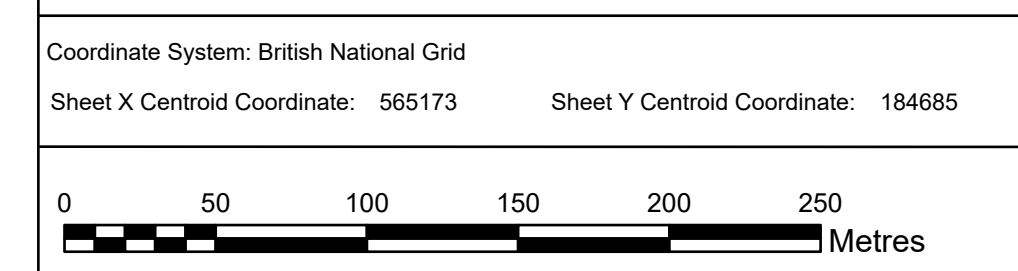


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nationalgrid

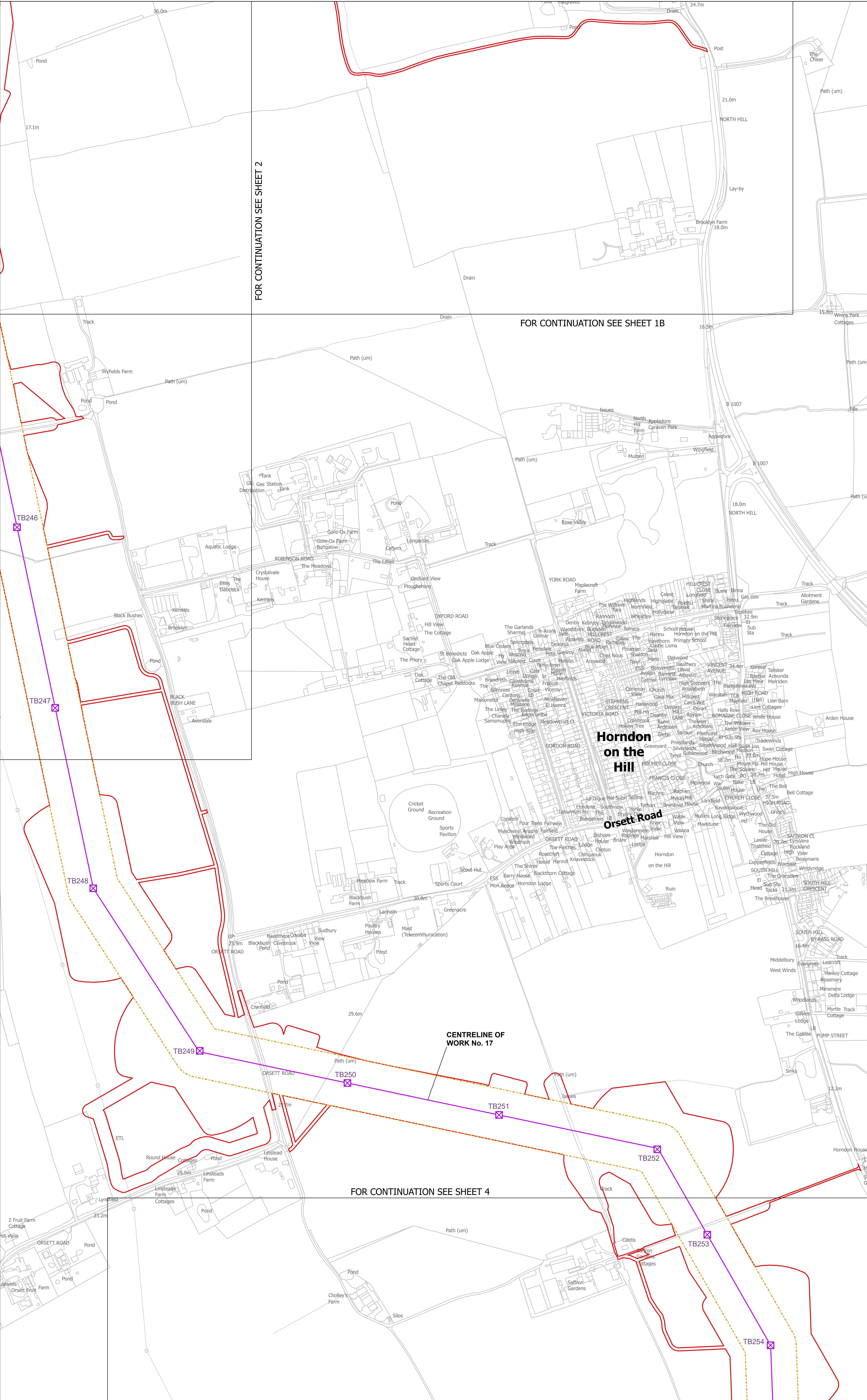
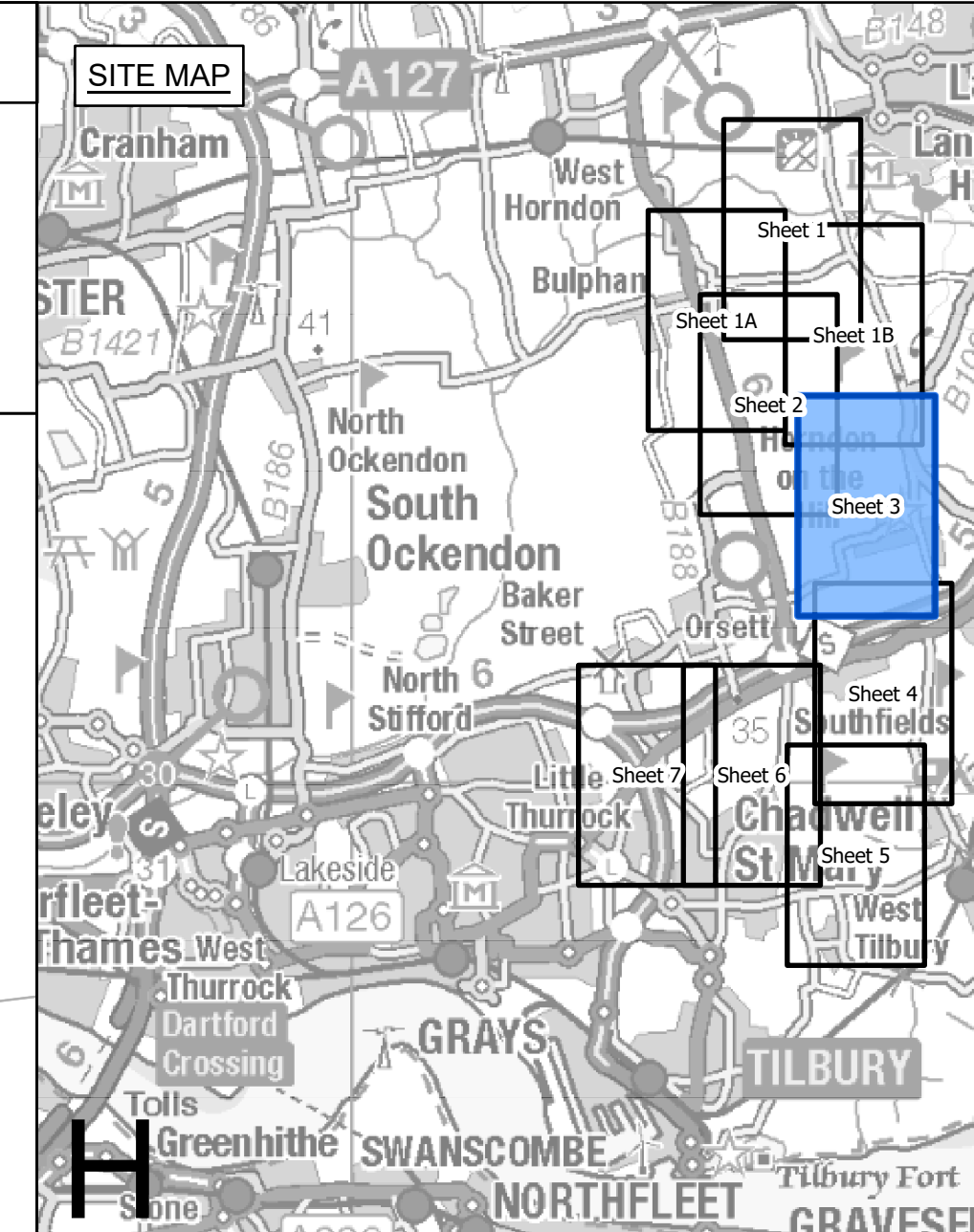
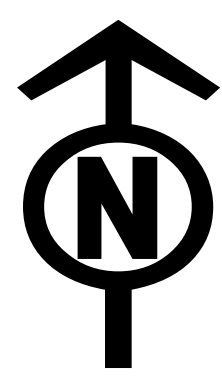
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Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 2 OF 7	B

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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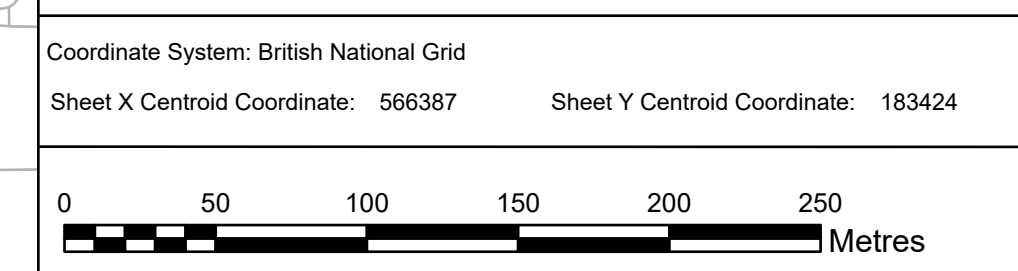
FOR CONTINUATION SEE SHEET 2

FOR CONTINUATION SEE SHEET 1B

FOR CONTINUATION SEE SHEET 4

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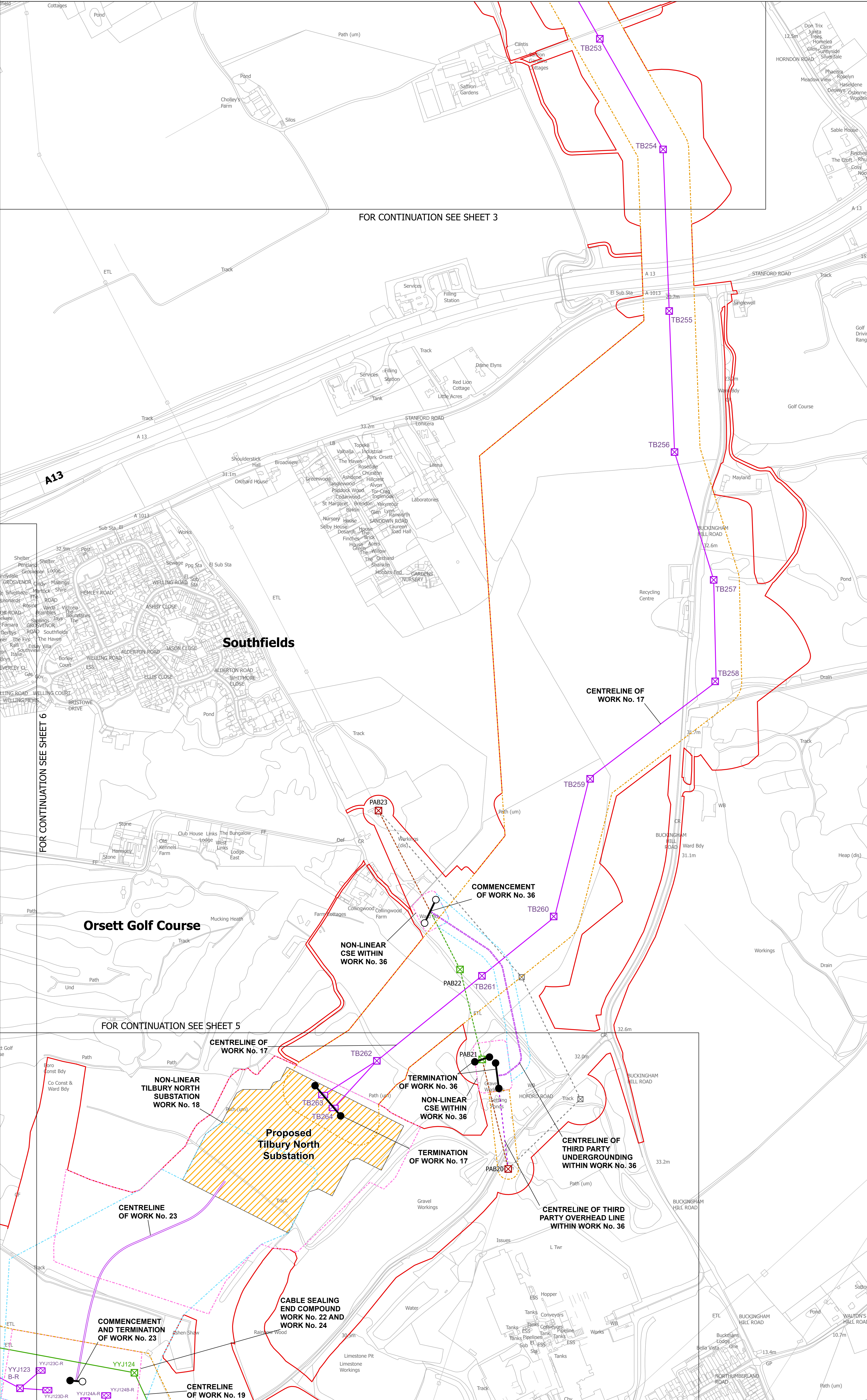
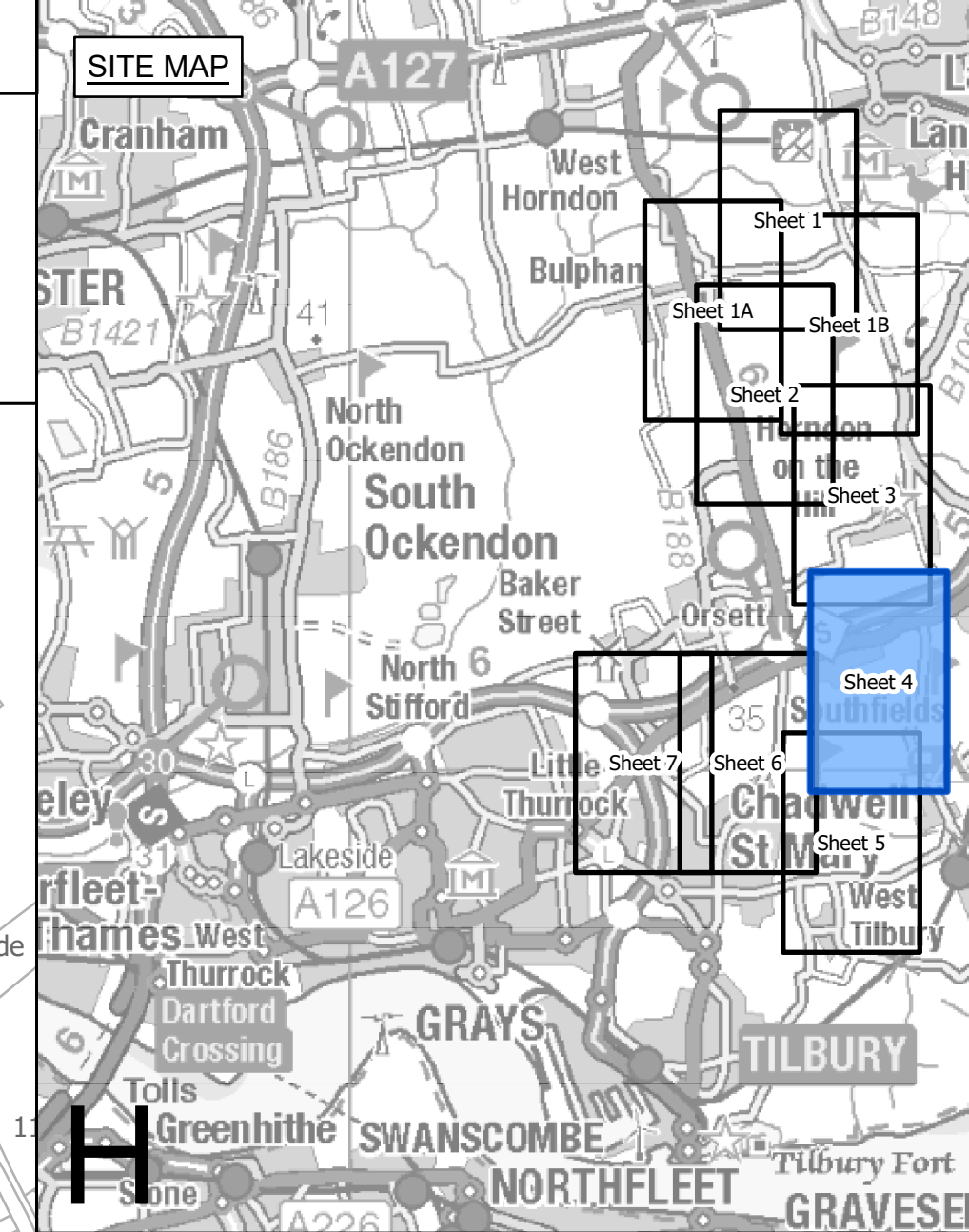
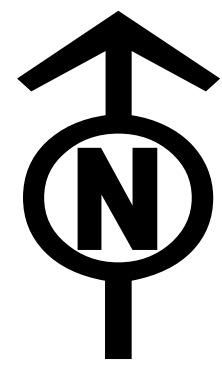
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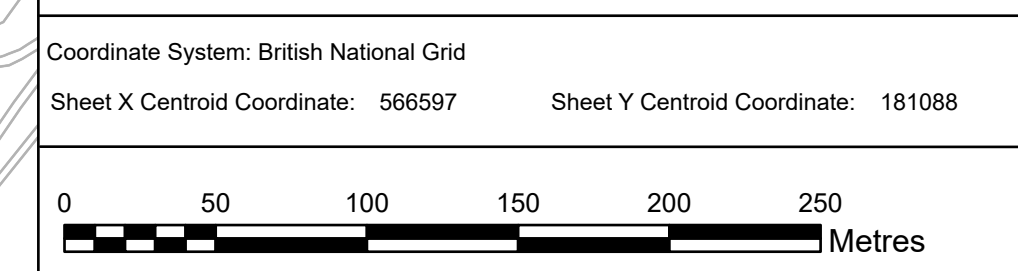


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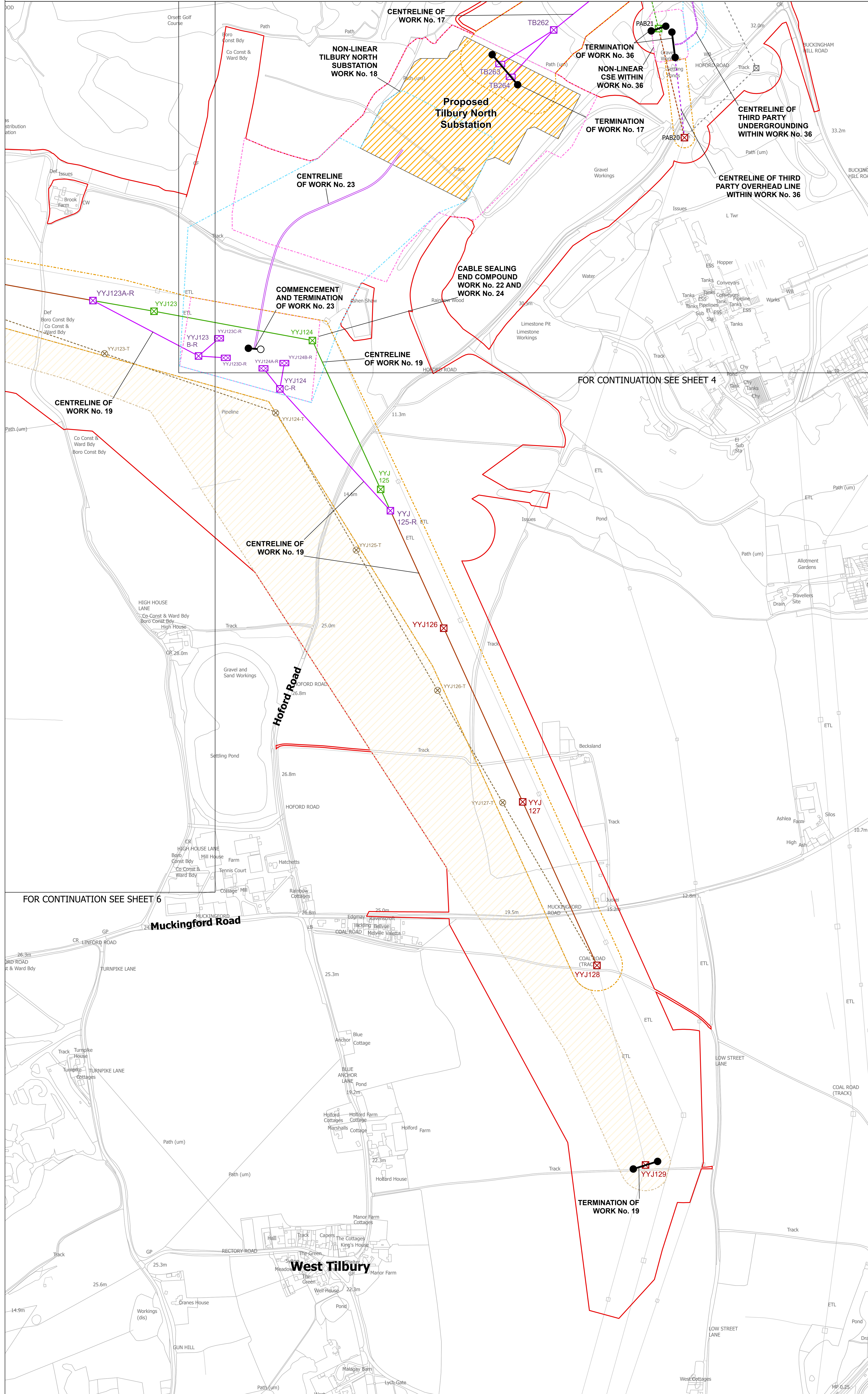
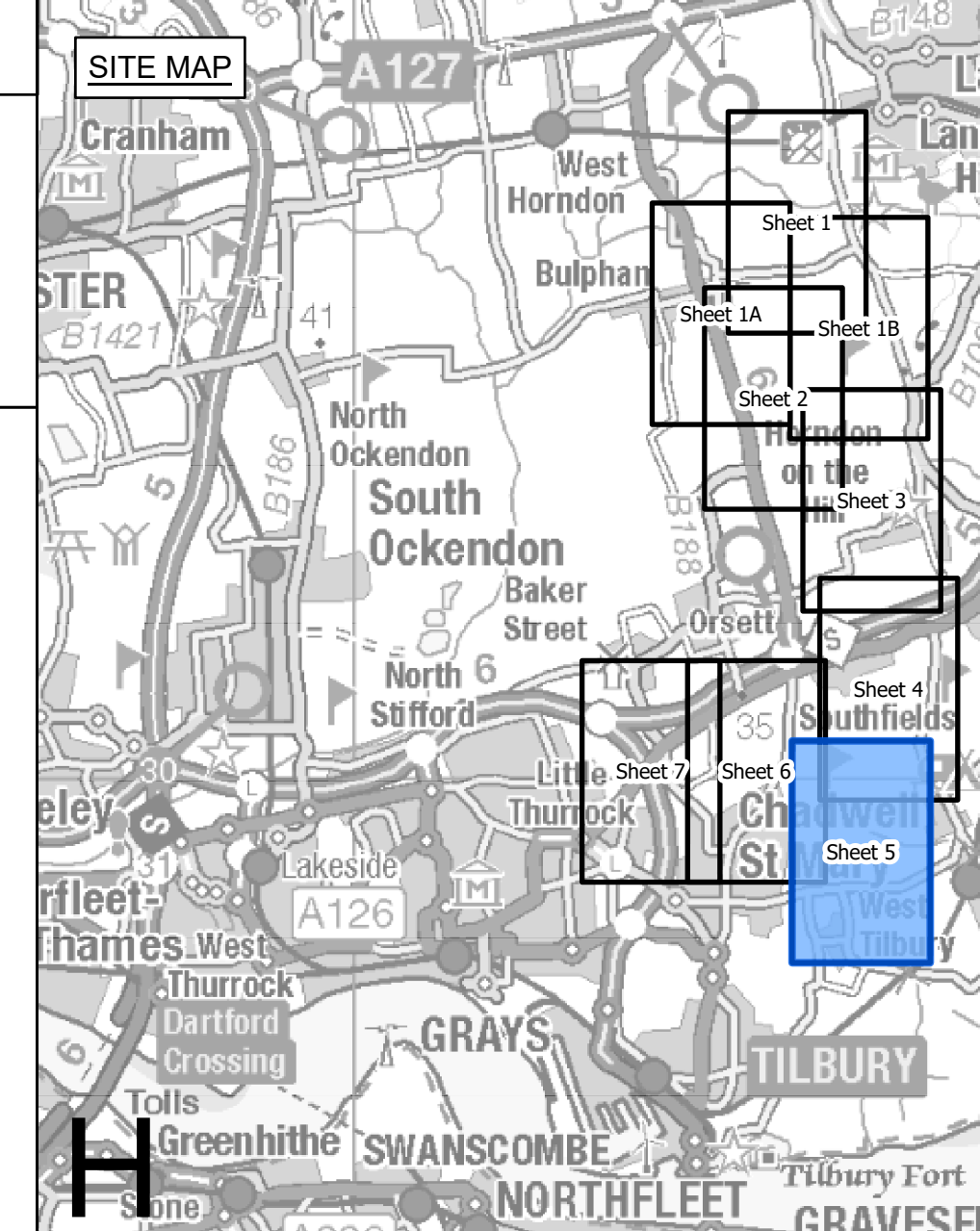
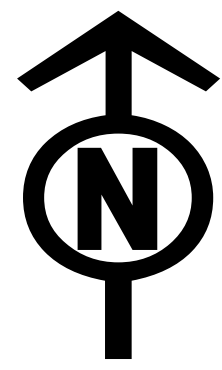
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THURROCK COUNCIL)

Application Document 2.3

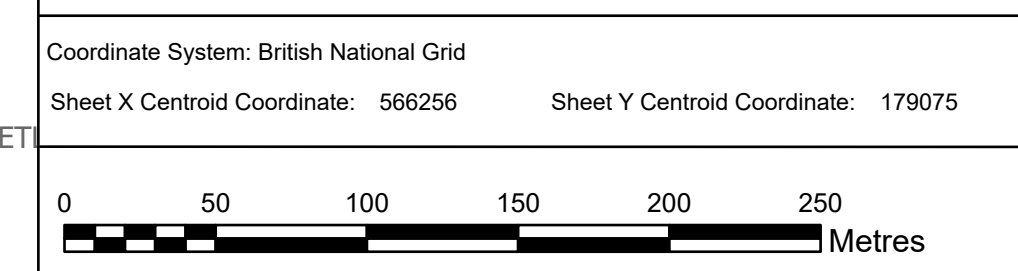


- Legend**
- Local authority boundary
 - Section boundary & local authority boundary
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 - Sheet index cutlines
 - Commencement of work
 - Termination of work
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 - Order Limits
 - Limits of deviation: overhead lines
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 - Centreline of Work No. 17a

FOR CONTINUATION SEE SHEET 4

FOR CONTINUATION SEE SHEET 6

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Issue	Date	Remarks	Drawn	Checked	Approved
B	MAY-2026	For deadline four	TMH	JPC	KR
A	AUG-2025	For DCO submission	MAB	JPC	KR

Title

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION H (SHEET 5 OF 7,
THURROCK COUNCIL)

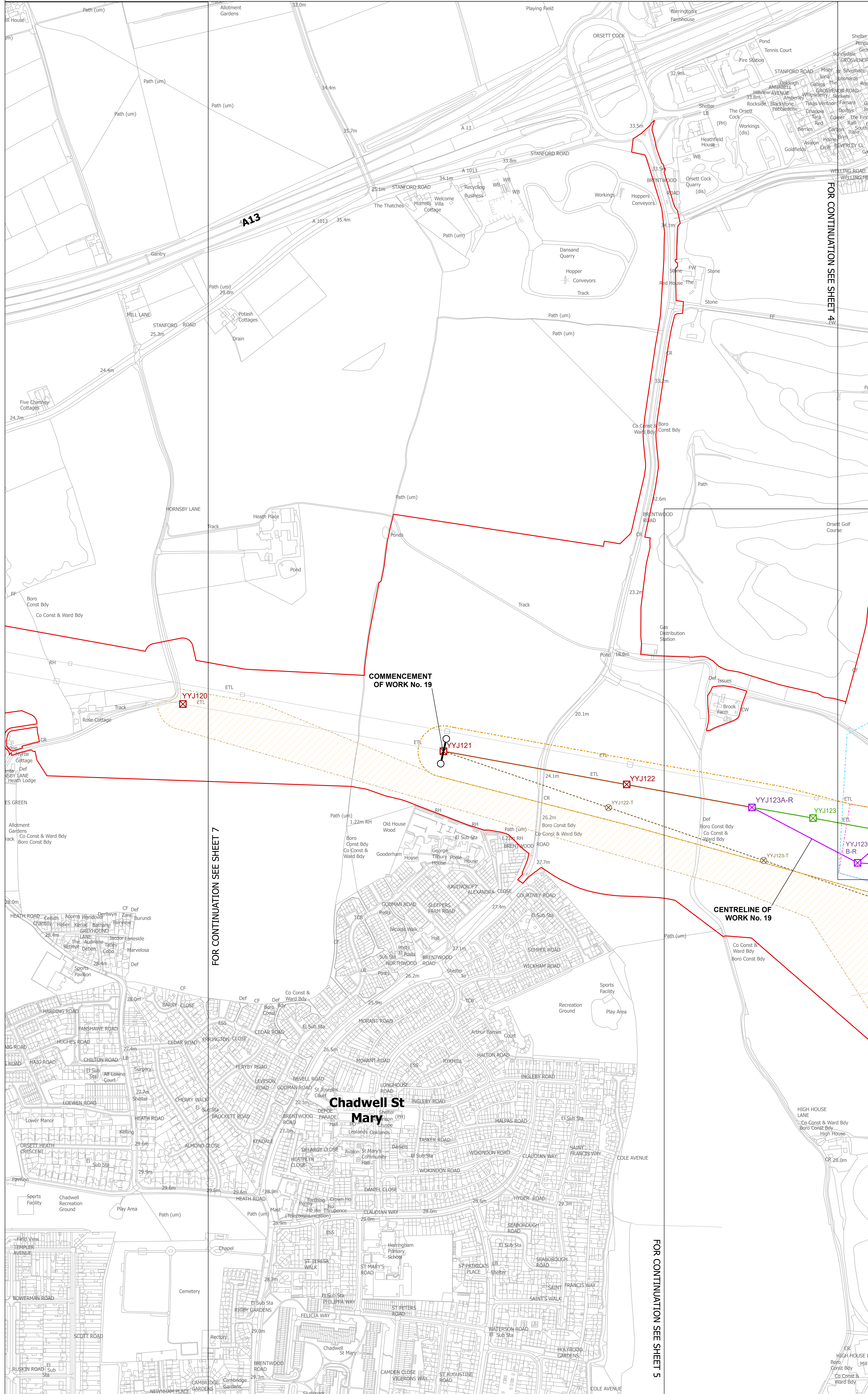
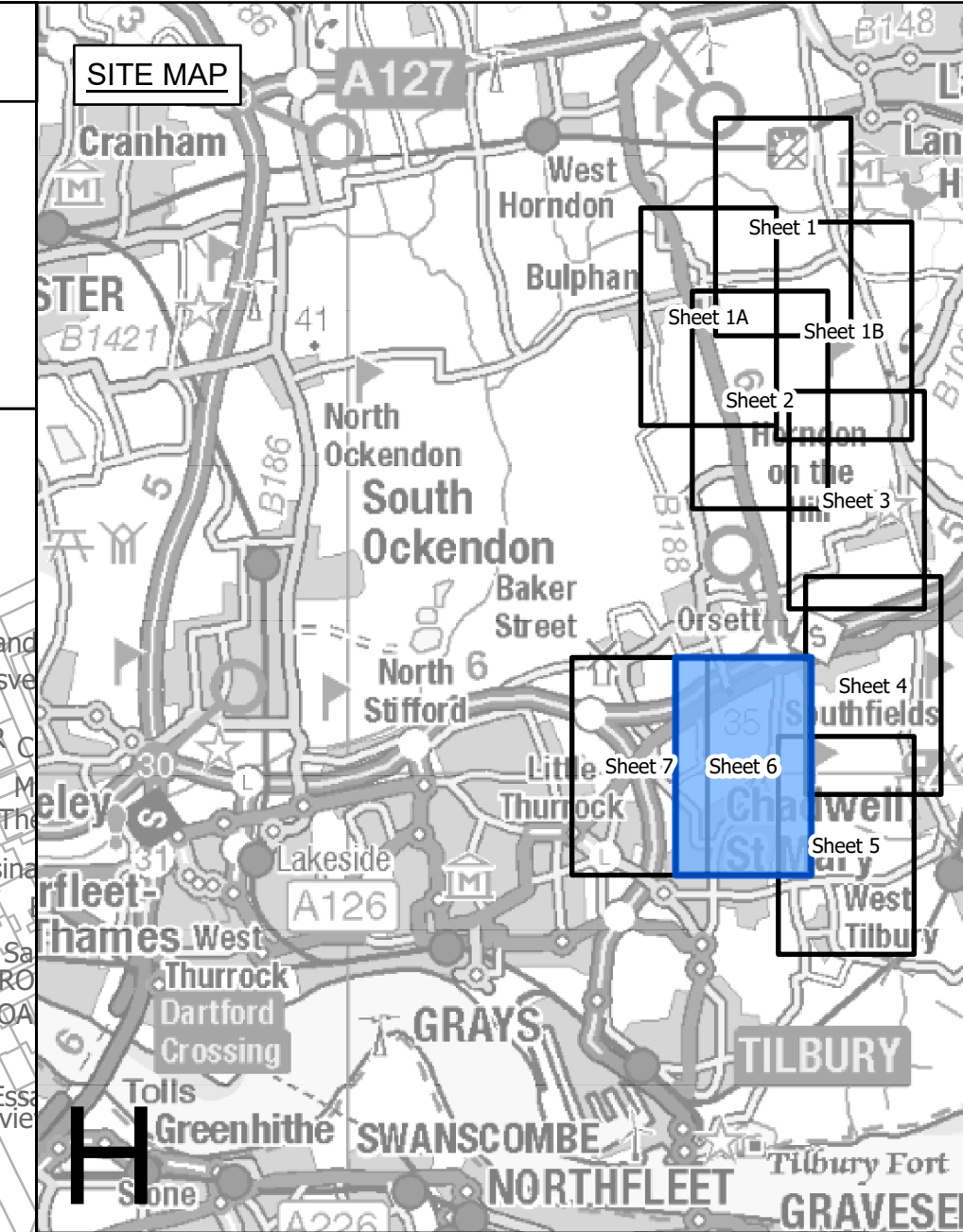
nationalgrid

PINS Application Number
EN020027

National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

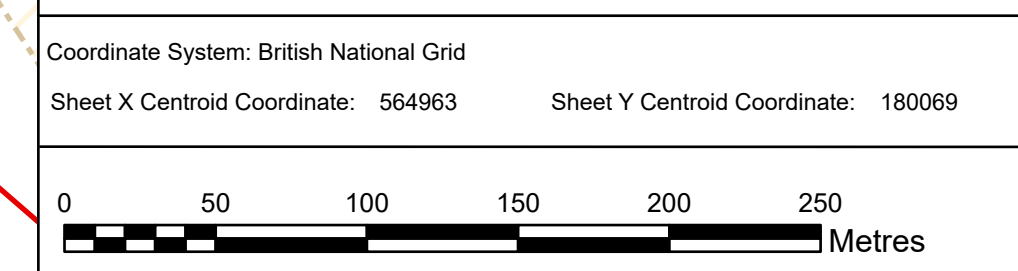
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION H (SHEET 6 OF 7,
THURROCK COUNCIL)



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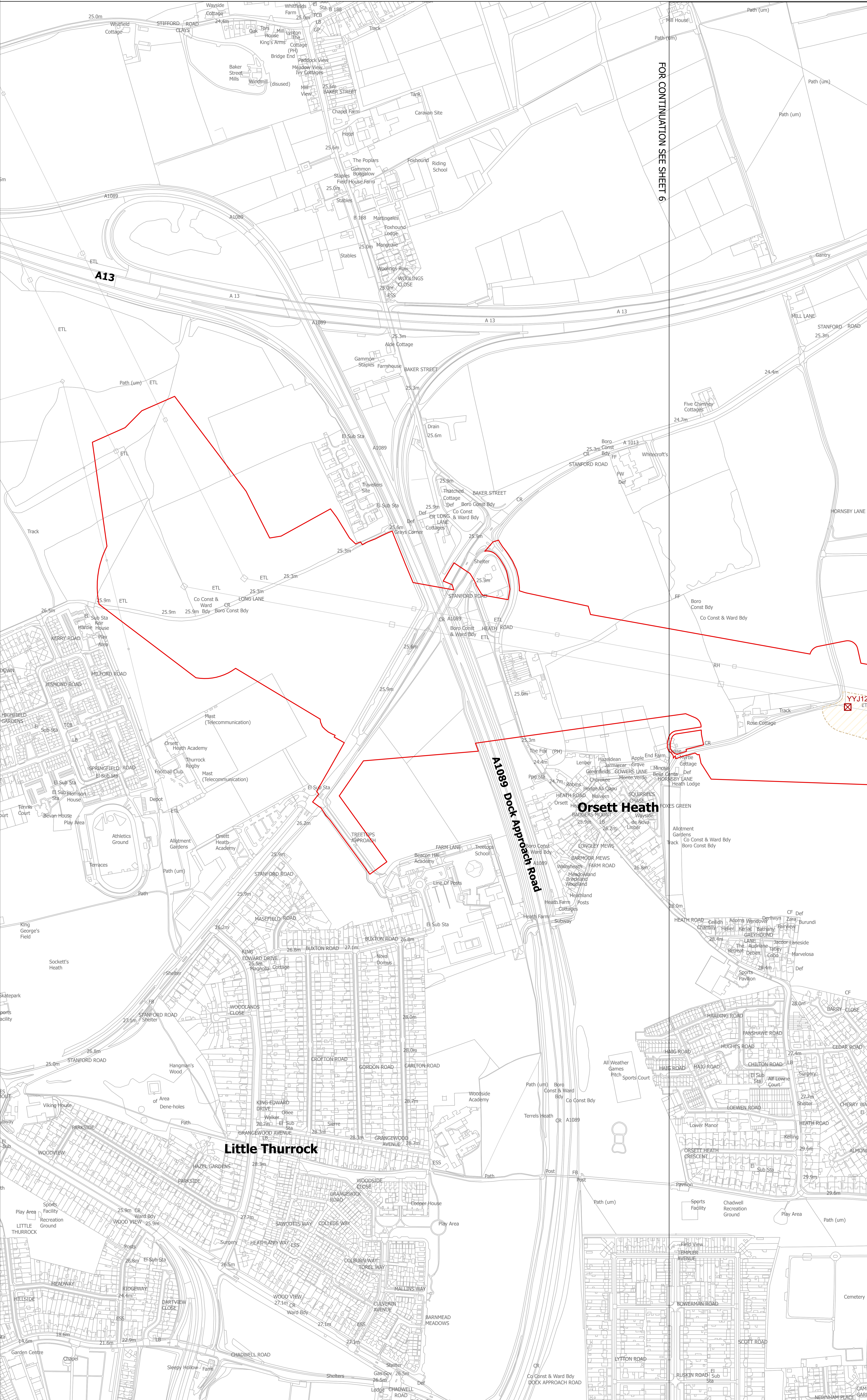
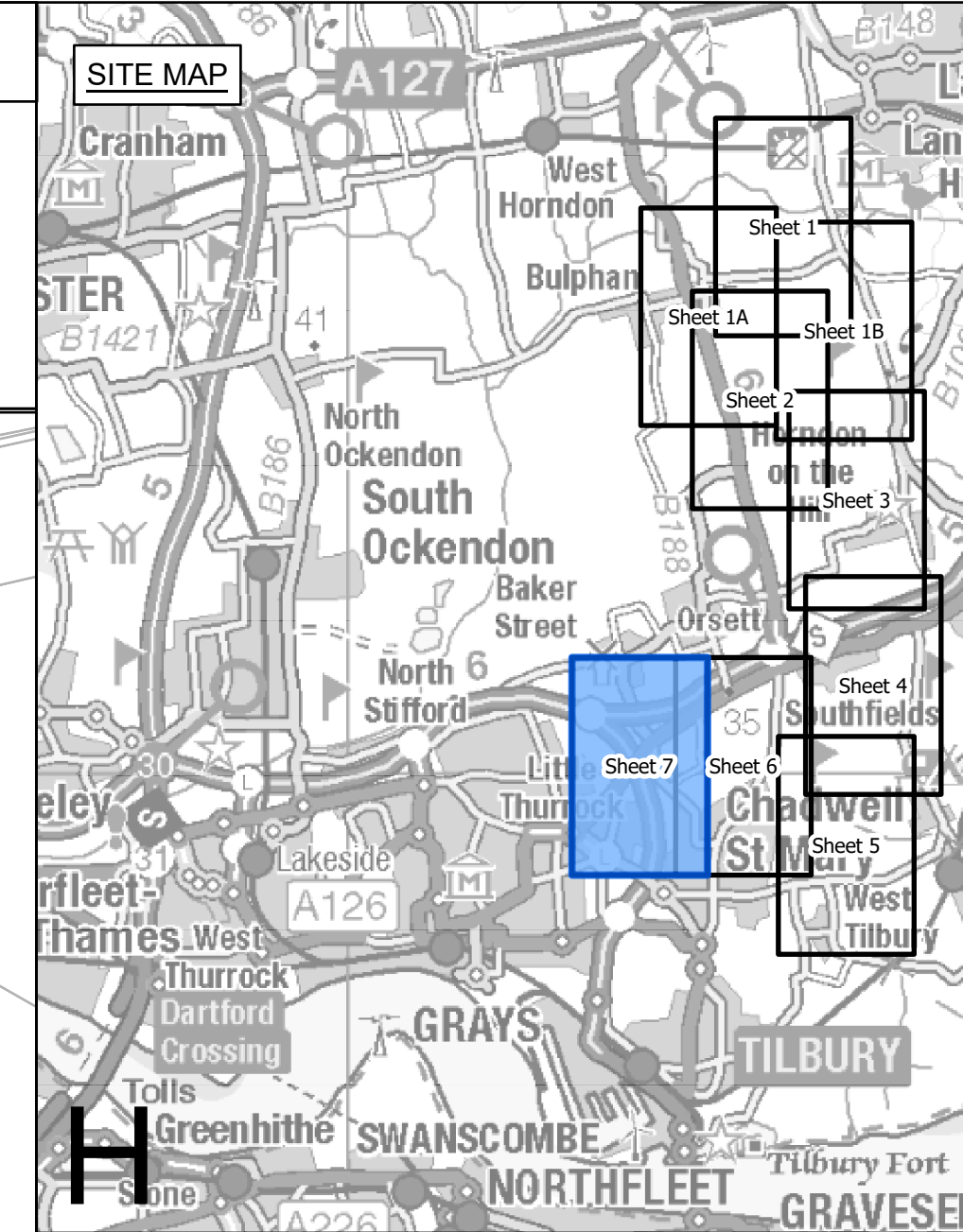
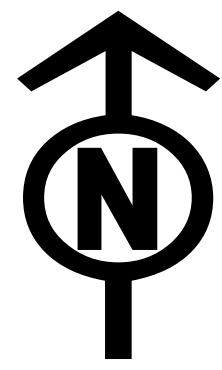


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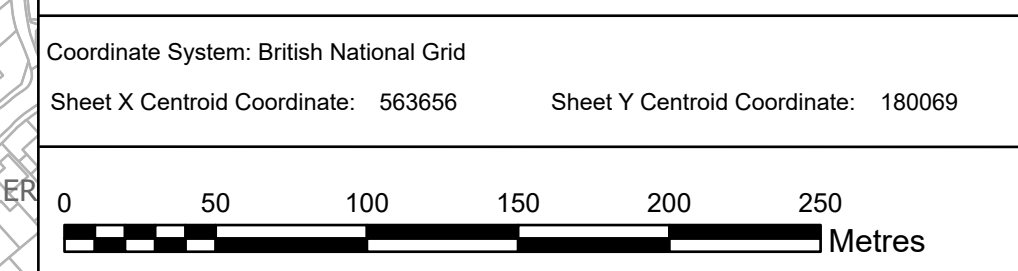
Title		THE NATIONAL GRID (NORWICH TO TILBURY) ORDER WORKS PLANS REGULATION 5(2)(j) SECTION H (SHEET 6 OF 7, THURROCK COUNCIL)			
PINS Application Number		EN020027			
National Grid Drawing Reference		AENC-LSTC-ENG-DWG-0003			
Scale	Sheet Size	Sheet	Issue		
1:2,500	A0	SHEET 6 OF 7	B		

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION H (SHEET 7 OF 7,
THURROCK COUNCIL)



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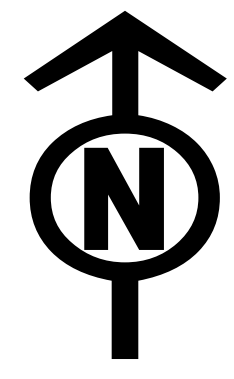
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PINS Application Number
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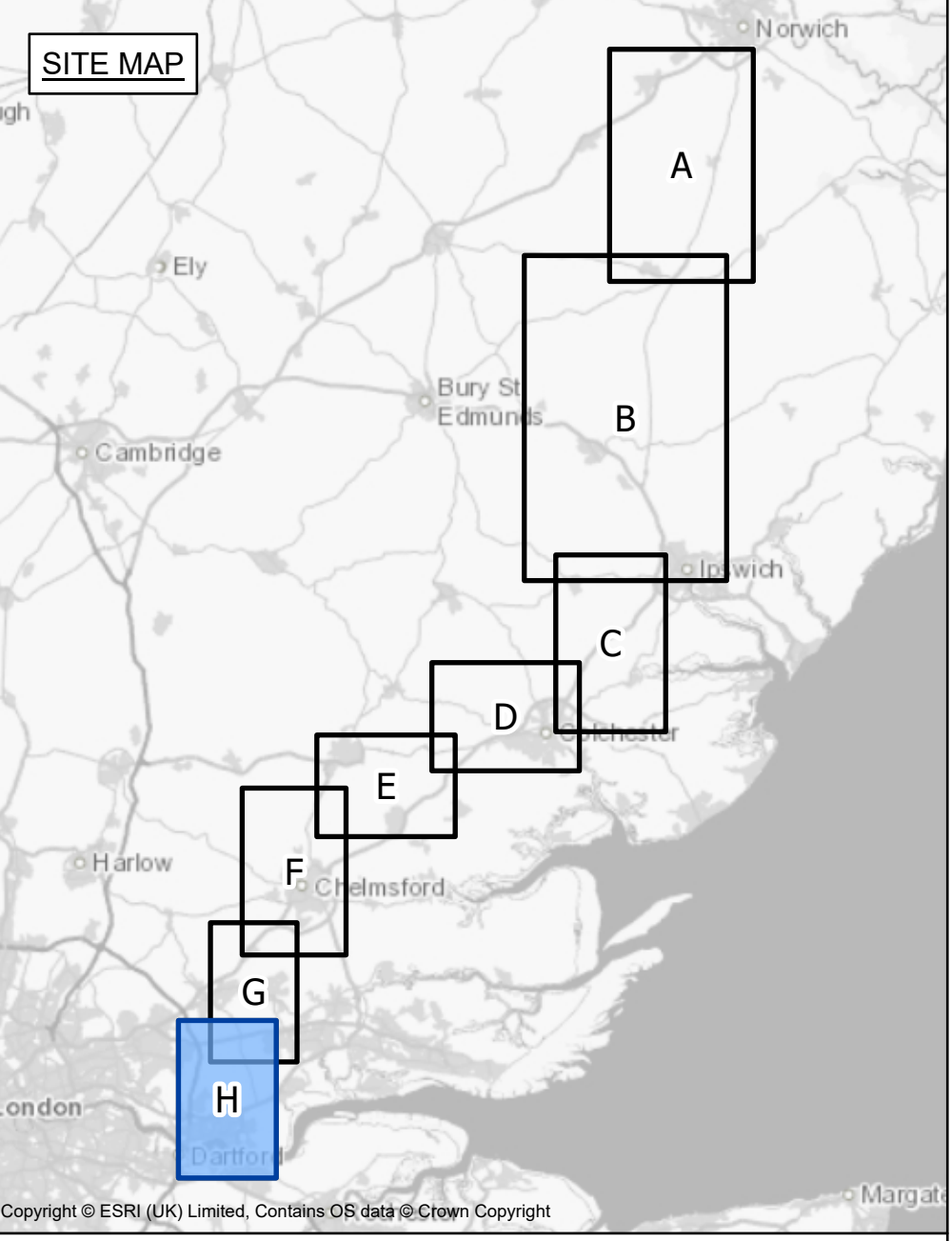
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
TABLE OF PARAMETERS - SECTION H (SHEET 1 OF 1,
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

Application Document 2.3

SITE MAP



Infrastructure title/number	Infrastructure height above infrastructure foundation (m)	Upward extent of vertical limit of deviation (m)
TB232	68.8	6
TB233	51.7	6
TB234	53.8	6
TB235	47.8	6
TB236	47.8	6
TB237	48.7	6
TB238	42.3	18
TB239	37	18
TB240	34	18
TB241	34	18
TB242	34	18
TB243	39.3	18
TB244	51.7	6
TB245	50.8	6
TB246	50.8	6
TB247	50.8	6
TB248	54.7	6
TB249	49.1	6
TB250	53.8	6
TB251	50.8	6
TB252	43.1	6
TB253	47.8	6
TB254	51.7	6
TB255	56.8	6
TB256	51.7	6
TB257	51.7	6
TB258	58.1	6
TB259	58.1	6
TB260	52.1	6
TB261	59.8	6
TB262	54.7	6
TB263	15	Refer to note 5
TB264	15	Refer to note 5
Tilbury North Substation	Refer to note 6	Refer to note 6
YYJ120	57.7	6
YYJ121	56.7	6
YYJ122	46.7	6
YYJ123A-R	44.1	6
YYJ123B-R	52.1	6
YYJ123C-R	15	Refer to note 5
YYJ123D-R	15	Refer to note 5
Tilbury North Cable Sealing End Compound	Refer to note 6	Refer to note 6
YYJ124A-R	15	Refer to note 5
YYJ124B-R	15	Refer to note 5
YYJ124C-R	52.1	6
YYJ125-R	47.7	6
YYJ126	41.9	6
YYJ127	46.7	6
YYJ128	45.8	6
YYJ129	45.8	6

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- The foundation of infrastructure is expected to extend above ground level between 0 m and 0.6 m dependant on the topography and geotechnical conditions.
- Gantries, located within a substation or cable sealing end compound, have a 15.0 m maximum height and an upward vertical limit of deviation of 10% of that height.
- Non-linear infrastructure located within substations and cable sealing end compounds have a 15.0 m maximum height and an upward vertical limit of deviation of 10% of that height, excluding rooftop equipment, such as but not limited to, lightning protection, aerials, fall arrest systems, and handrails.
- The voltage of the TB and YYJ overhead lines is 400 kV. The voltage of the ZB overhead line is 275 kV.

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 562094 Sheet Y Centroid Coordinate: 181950

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Scale	Sheet Size	Sheet	Issue
N/A	A0	SHEET 1 OF 1	B

H

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
nationalgrid.com