

AENC-LSTC-ENG-DWG-0003

Norwich to Tilbury

Volume 2: Plans, Drawings and Sections

Document: 2.3 Work Plans - Section E

Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

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

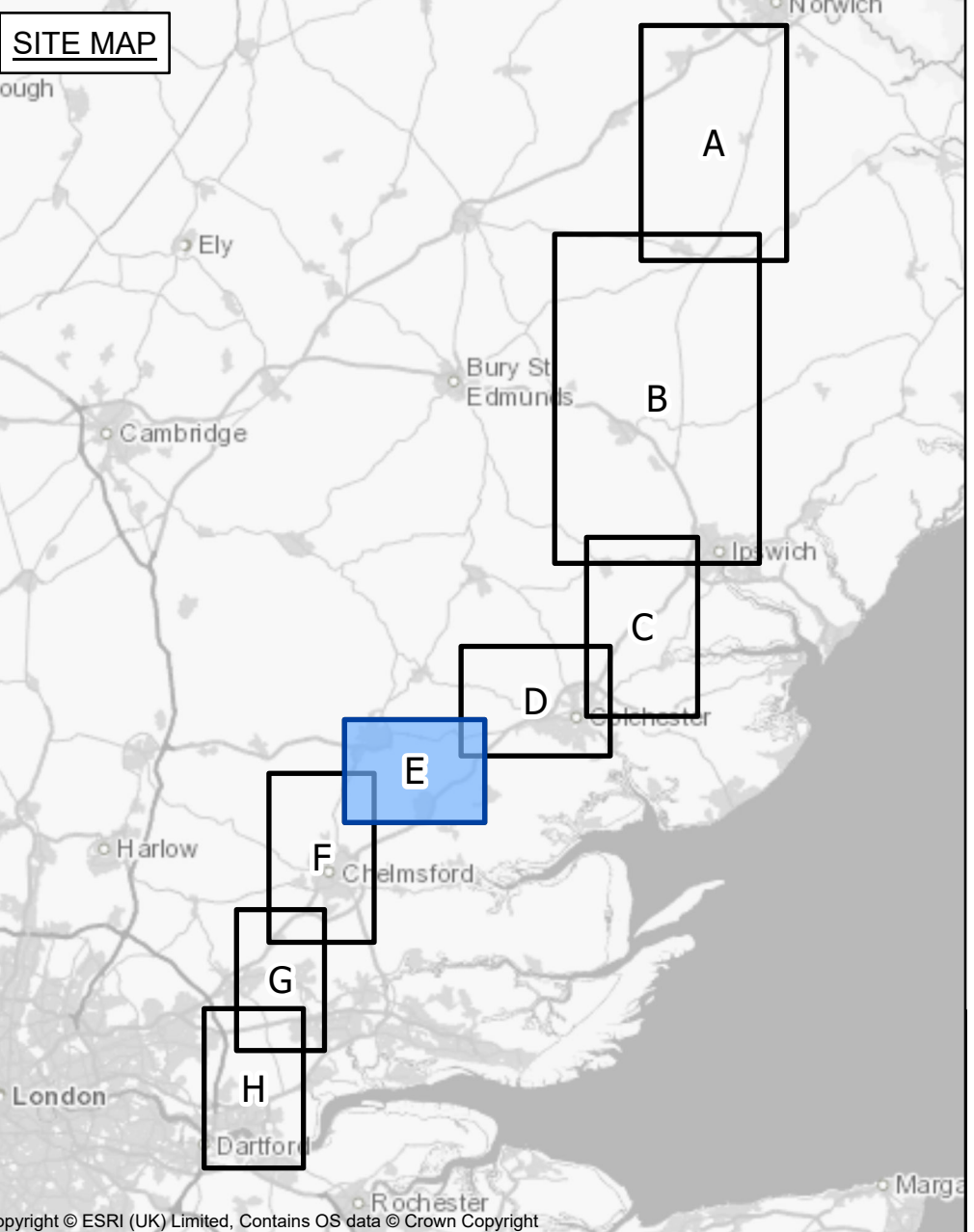
nationalgrid



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS KEY PLAN
REGULATION 5(2)(j)
SECTION E (SHEET 1 OF 1,
BRAINTREE DISTRICT COUNCIL, COLCHESTER CITY COUNCIL AND CHELMSFORD CITY COUNCIL)

Application Document 2.3

SITE MAP



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

- Notes**
- 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.
 - For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
 - This drawing is scaled at paper size A0, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 580335 Sheet Y Centroid Coordinate: 218950

0 250 500 1,000 1,500 Metres

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A	AUG-2025	For DCO submission	MAB	JPC	KR
Issue	Date	Remarks	Drawn	Checked	Approved
Title					

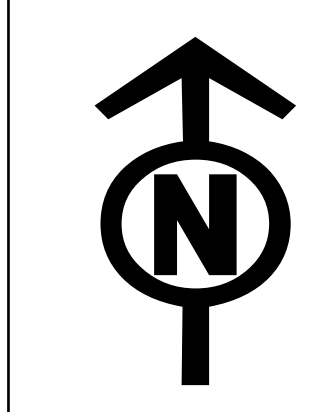
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
WORKS PLANS KEY PLAN
REGULATION 5(2)(j)
SECTION E (SHEET 1 OF 1,
BRAintree DISTRICT COUNCIL,
COLCHESTER CITY COUNCIL
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nationalgrid

PINS Application Number: EN020027

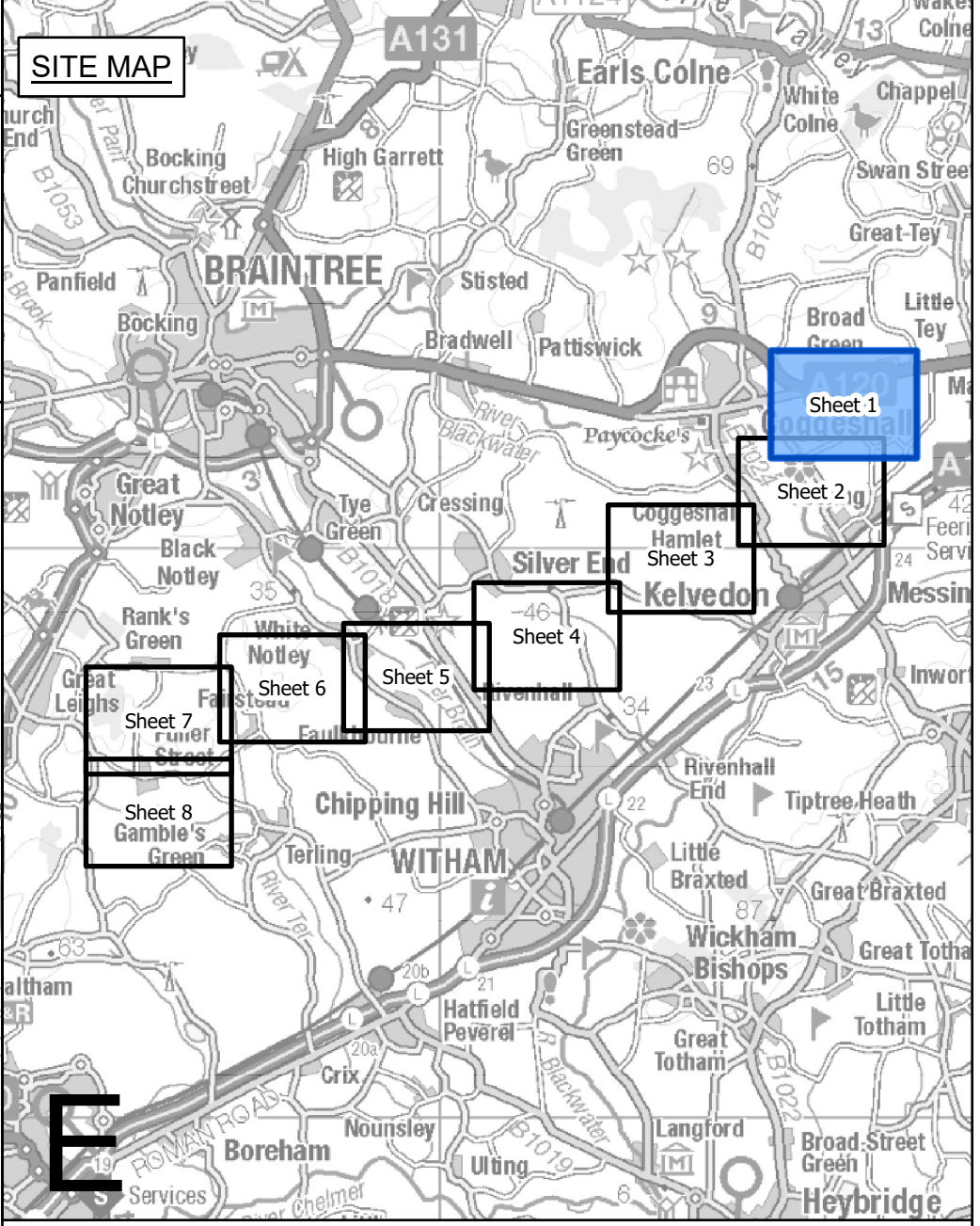
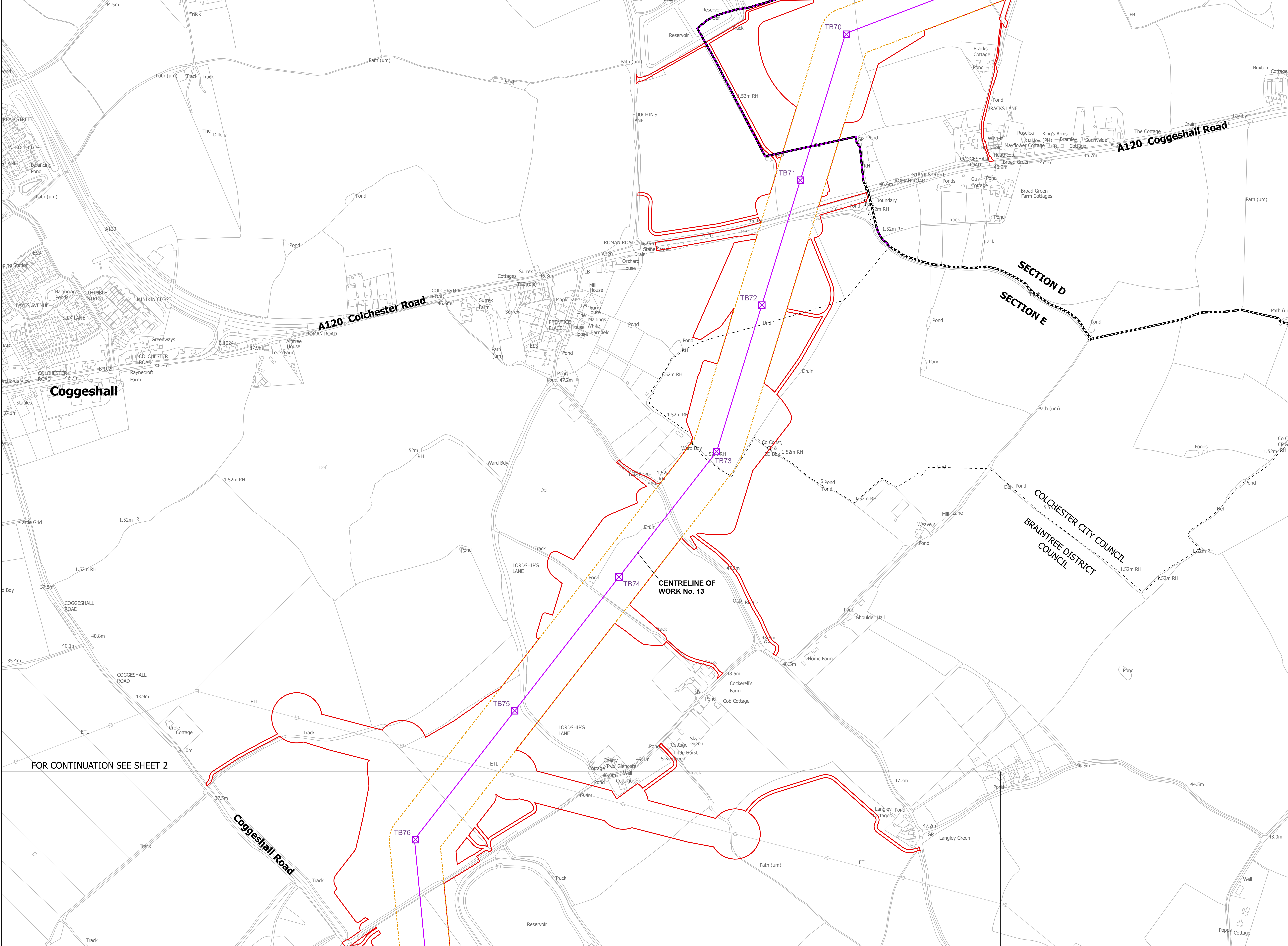
National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

Scale	Sheet Size	Sheet	Issue
1:16,000	A0	SHEET 1 OF 1	A



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 1 OF 8,
COLCHESTER CITY COUNCIL AND BRAINTREE DISTRICT COUNCIL)

Application Document 2.3



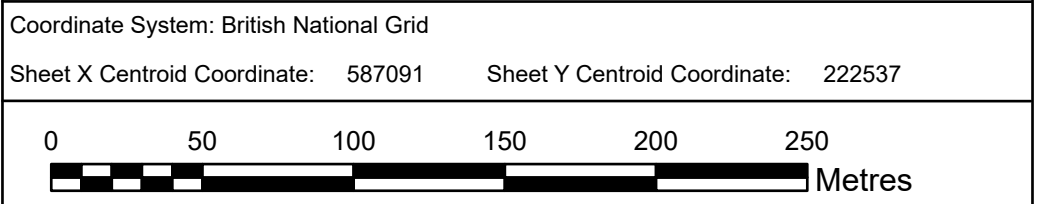
- Legend**
- Local authority boundary
 - Section boundary & local authority boundary
 - Section boundary
 - Sheet index cutlines
 - Commencement of work
 - Termination of work
 - Order Limits
 - Limits of deviation: overhead lines
 - Limits of deviation: underground cables
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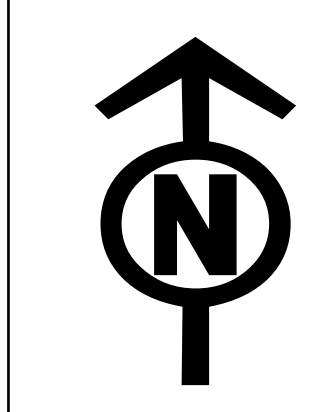
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Issue	Date	Remarks	Drawn	Checked	Approved

Title

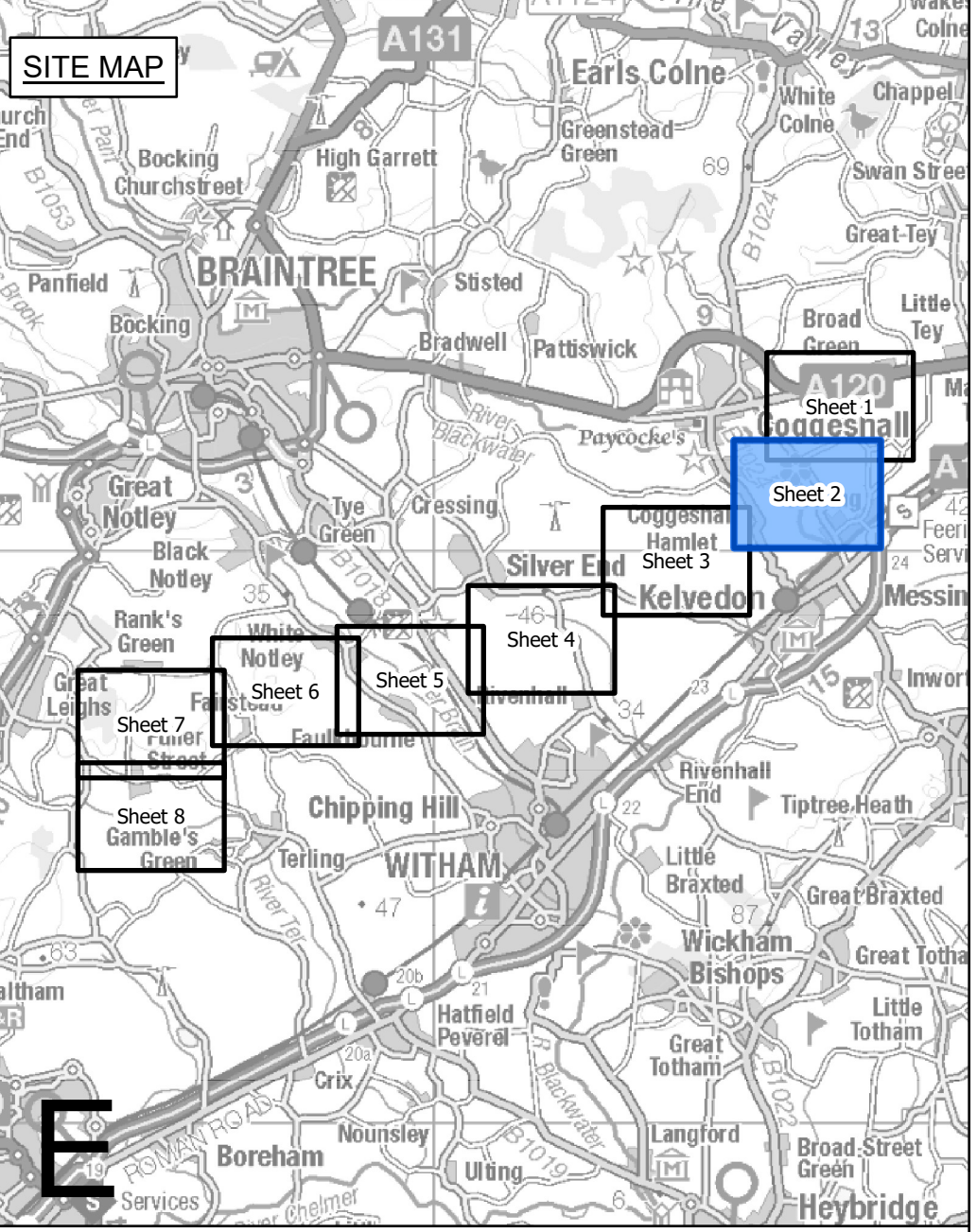
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REGULATION 5(2)(j)
SECTION E (SHEET 1 OF 8,
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nationalgrid			
<u>PINS Application Number</u>		EN020027	
<u>National Grid Drawing Reference</u>			
AENC-LSTC-ENG-DWG-0003			
<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
1:2,500	A0	SHEET 1 OF 8	A



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 2 OF 8,
BRAINTREE DISTRICT COUNCIL)

Application Document 2.3



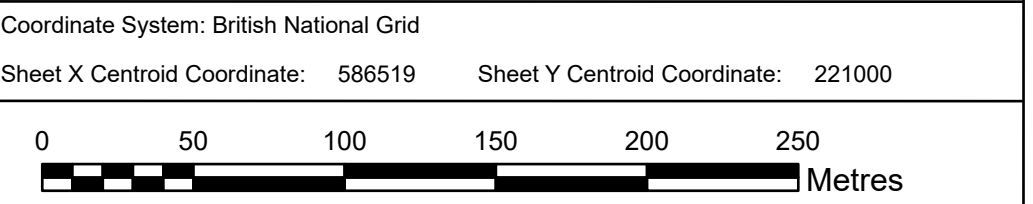
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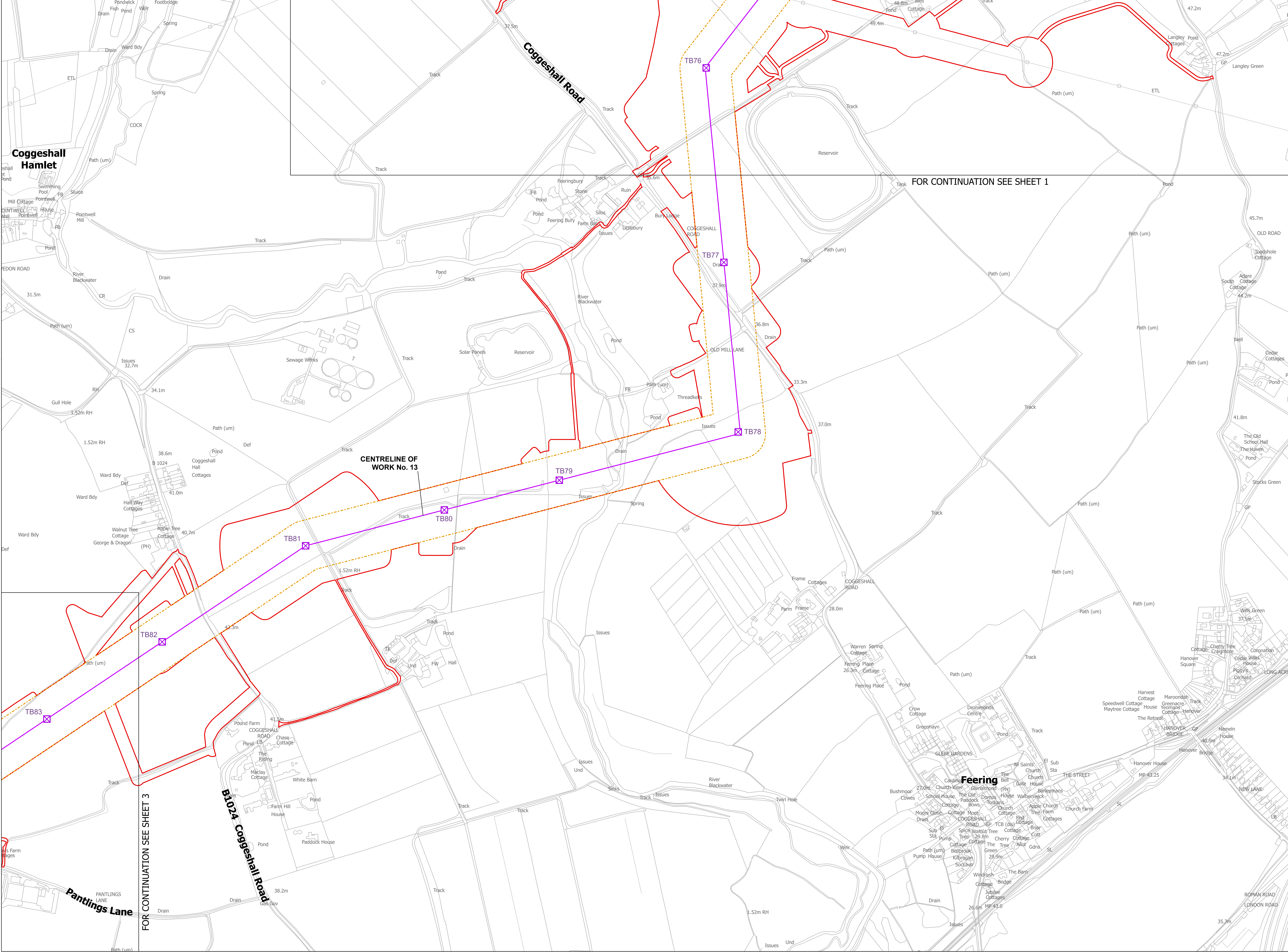
2. For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.

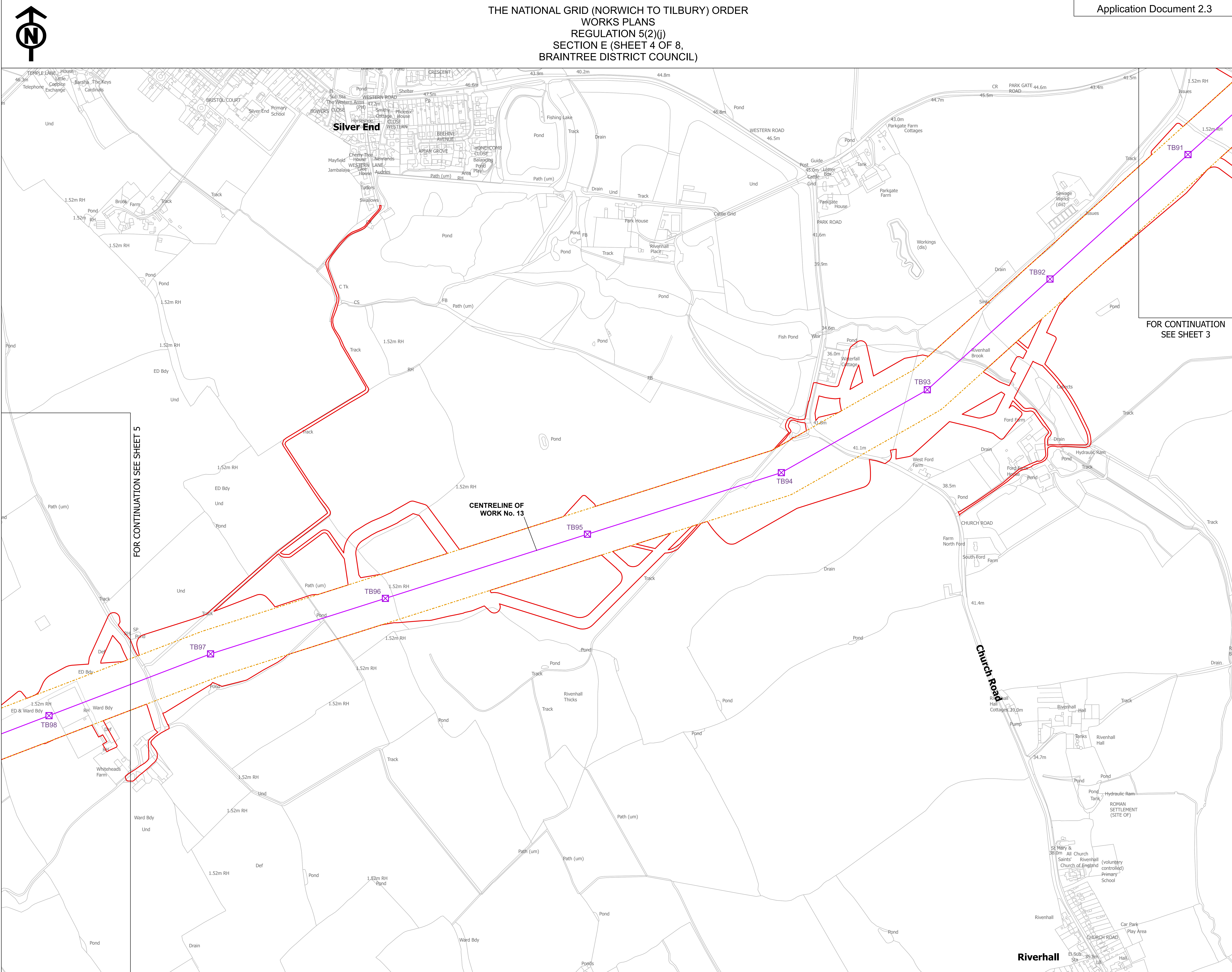
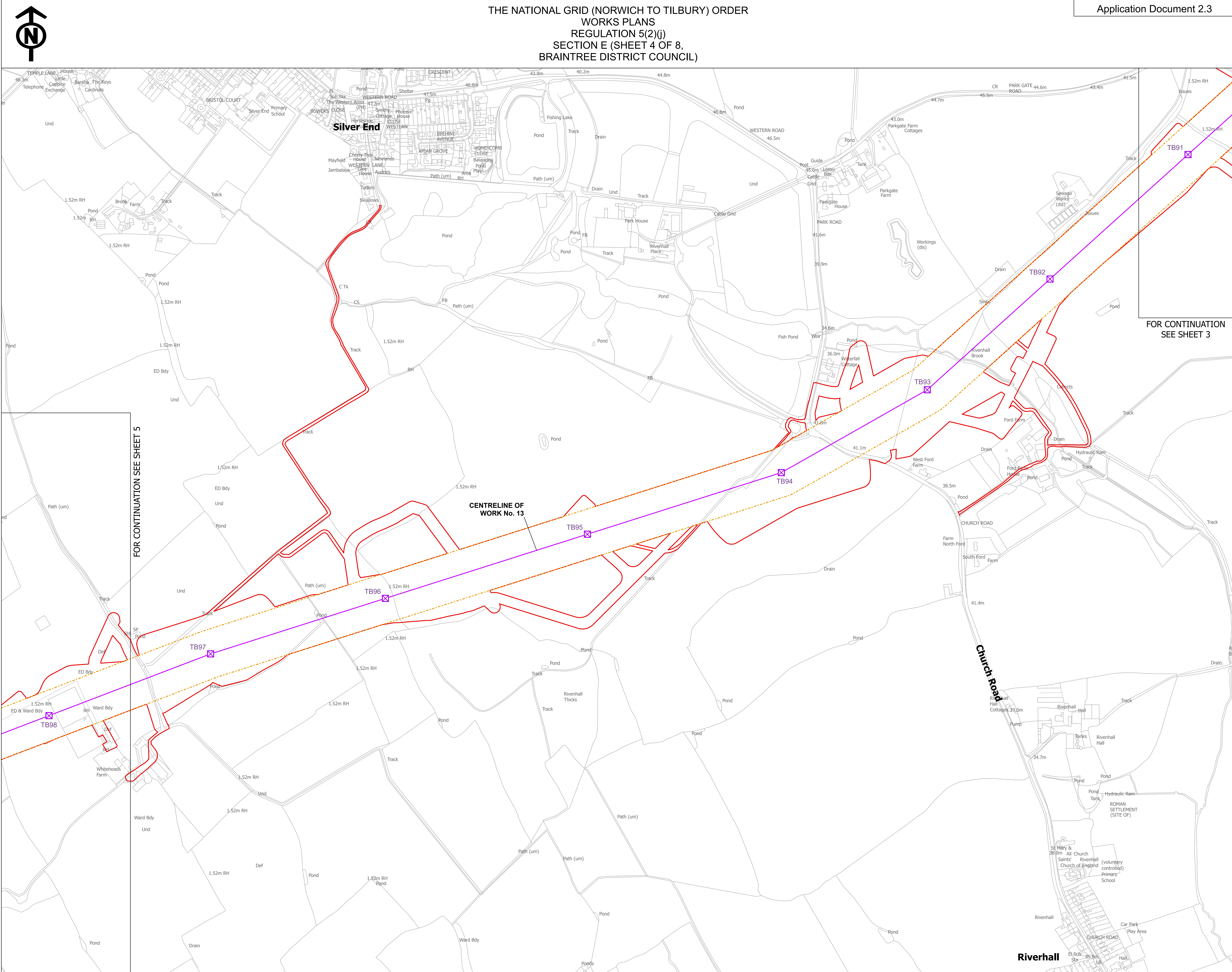
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Title				
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER WORKS PLANS REGULATION 5(2)(j) SECTION E (SHEET 2 OF 8, BRAINTREE DISTRICT COUNCIL)				
nationalgrid				
PINS Application Number EN020027				
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0003				
Scale	Sheet Size	Sheet	Issue	
1:2,500	A0	SHEET 2 OF 8	A	





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- THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)
- FOR CONTINUATION SEE SHEET 5
- FOR CONTINUATION SEE SHEET 3
- CENTRELINE OF
WORK No. 13
- Church Road
- Riverhall

**THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)**

Silver End

Riverhall

Church Road

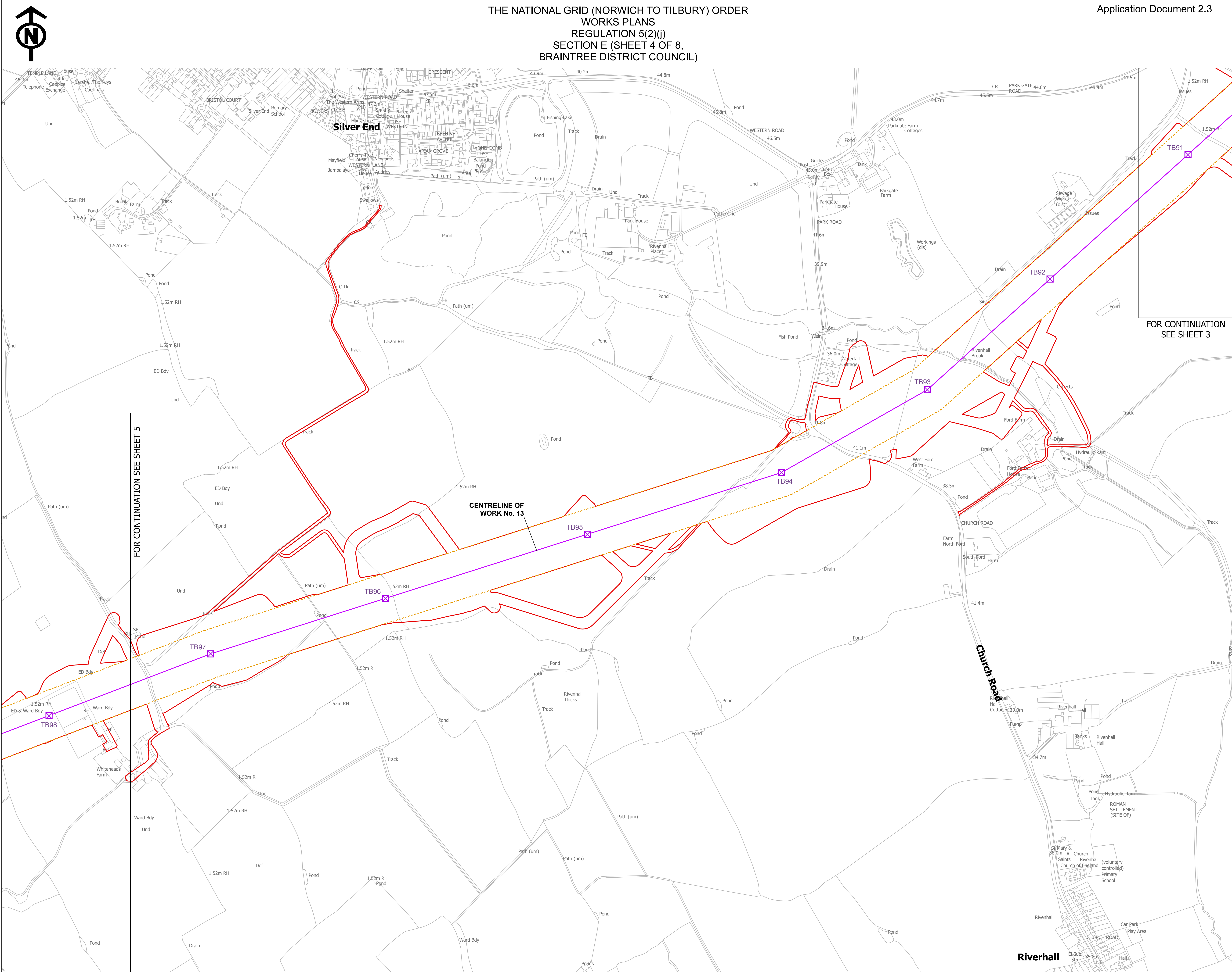
**CENTRELINE OF
WORK No. 13**

TB91, TB92, TB93, TB94, TB95, TB96, TB97, TB98

FOR CONTINUATION SEE SHEET 3

FOR CONTINUATION SEE SHEET 5

Application Document 2.3



**THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)**

Silver End

Riverhall

Church Road

**CENTRELINE OF
WORK No. 13**

TB91, TB92, TB93, TB94, TB95, TB96, TB97, TB98

FOR CONTINUATION SEE SHEET 3

FOR CONTINUATION SEE SHEET 5

Application Document 2.3

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)

FOR CONTINUATION SEE SHEET 5

FOR CONTINUATION SEE SHEET 3

CENTRELINE OF
WORK No. 13

Church Road

Riverhall

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)

FOR CONTINUATION SEE SHEET 5

FOR CONTINUATION SEE SHEET 3

CENTRELINE OF
WORK No. 13

Church Road

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WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 4 OF 8,
BRAINTREE DISTRICT COUNCIL)

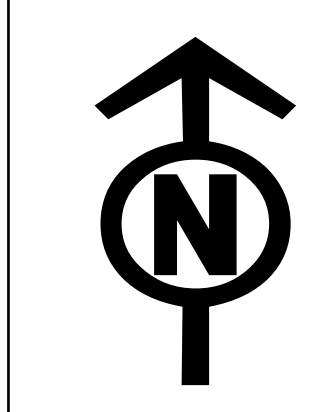
FOR CONTINUATION SEE SHEET 5

FOR CONTINUATION SEE SHEET 3

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WORK No. 13

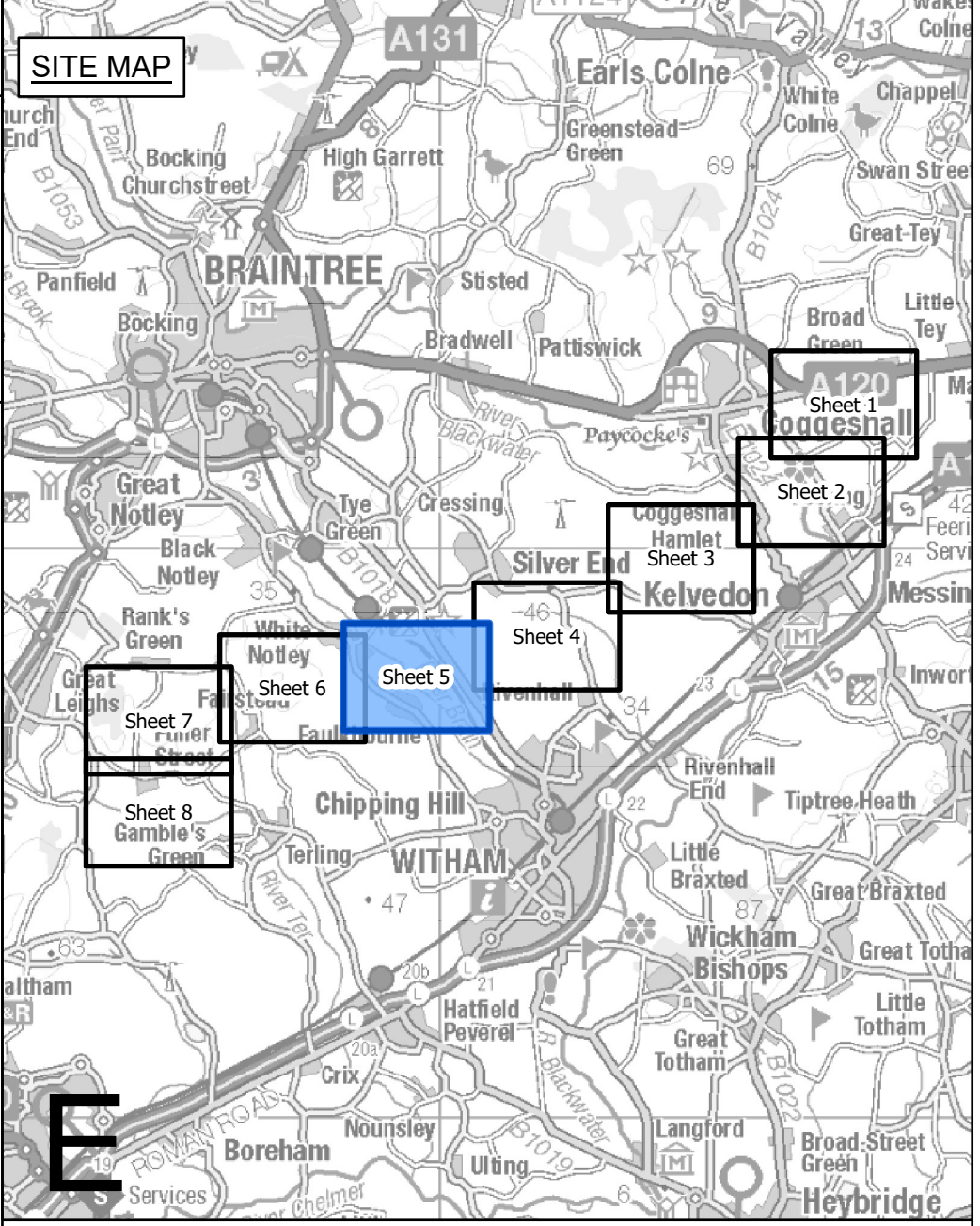
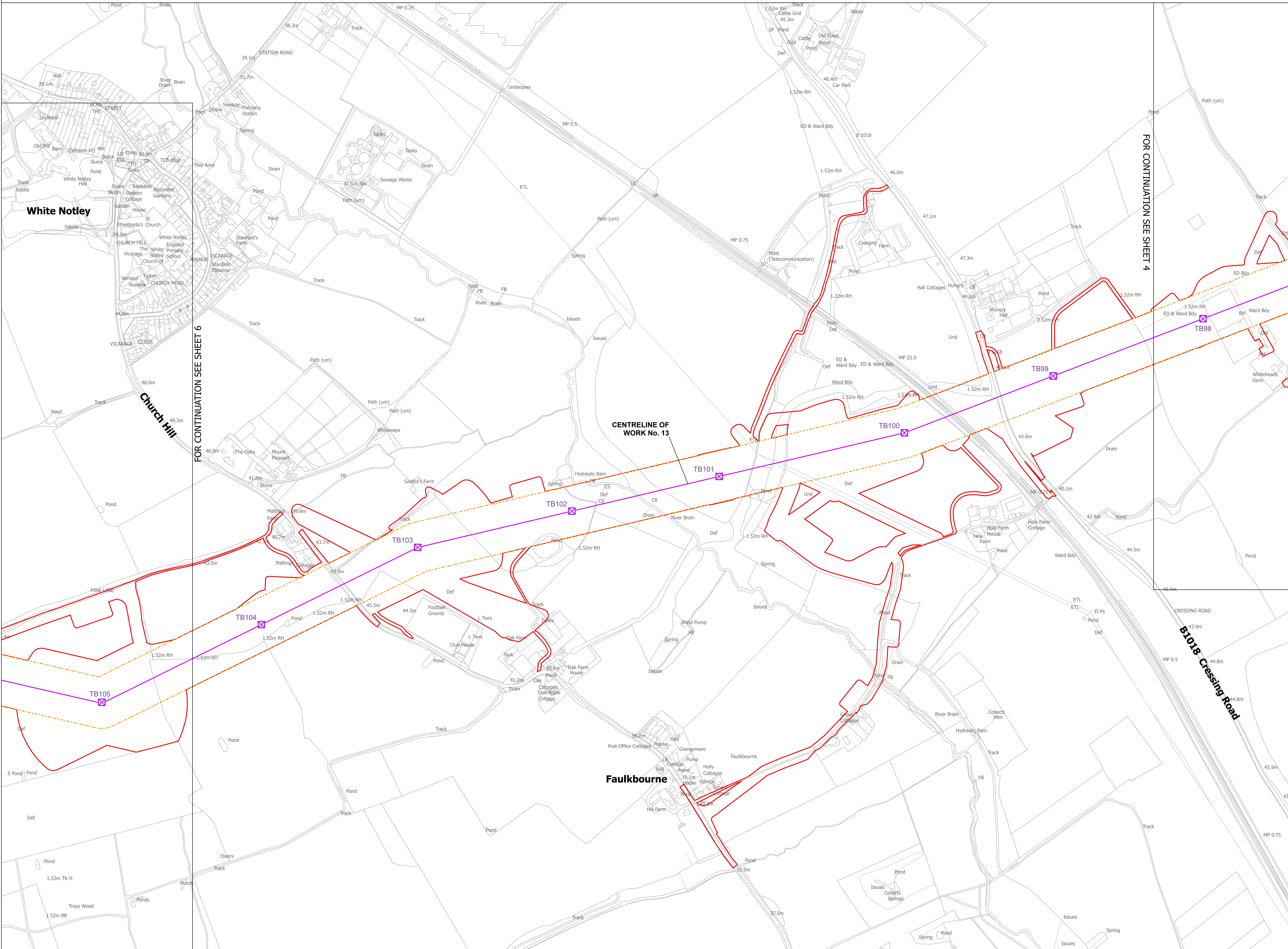
Church Road

Riverhall



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 5 OF 8,
BRAINTREE DISTRICT COUNCIL)

Application Document 2.3



- Legend**
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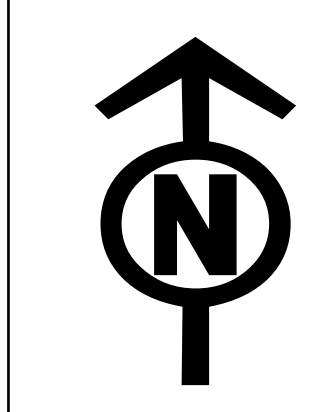
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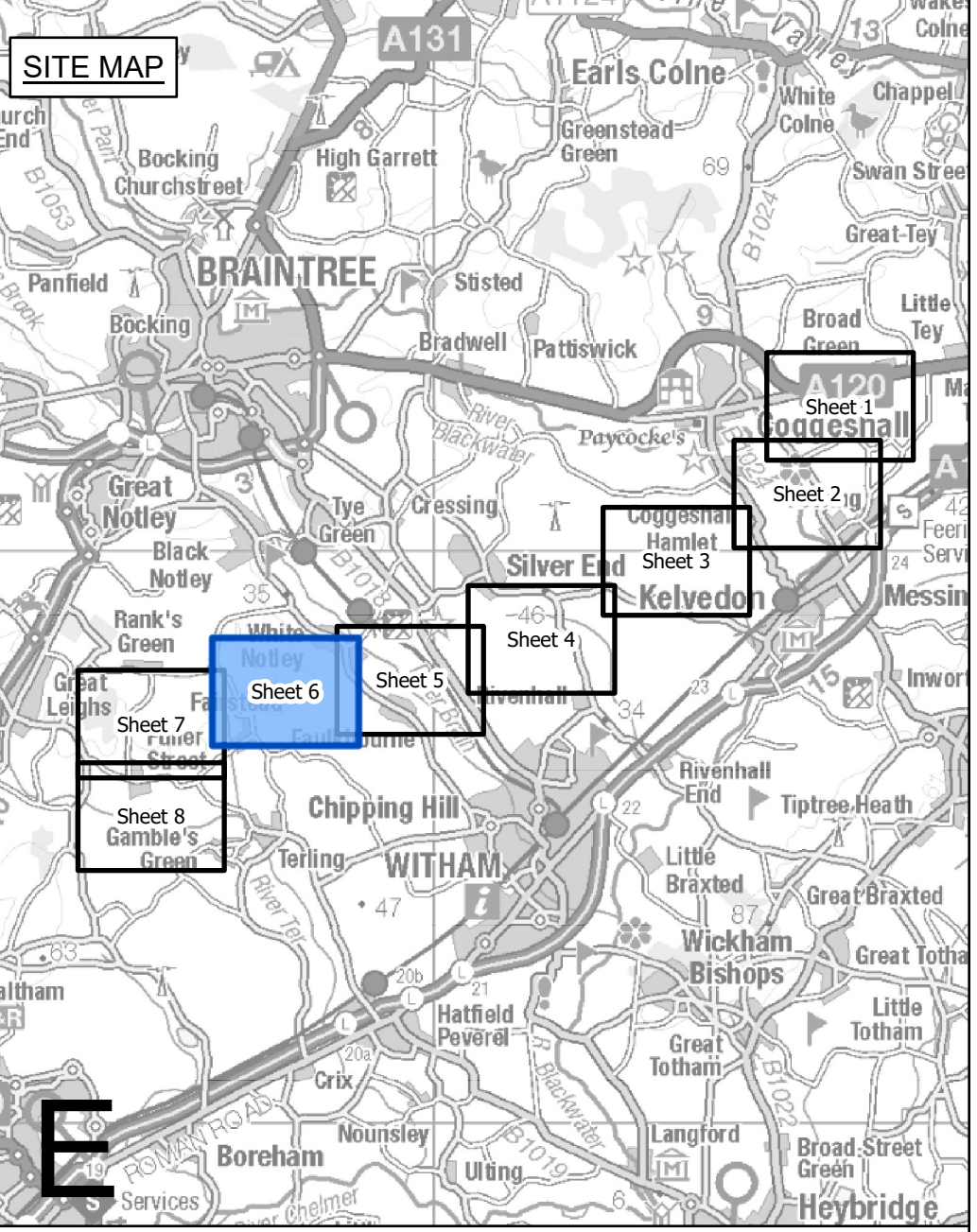
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Sheet X Centroid Coordinate: 579578 Sheet Y Centroid Coordinate: 217745
0 50 100 150 200 250 Metres
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Title					
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER WORKS PLANS REGULATION 5(2)(j) SECTION E (SHEET 5 OF 8, BRAINTREE DISTRICT COUNCIL)					
nationalgrid					
PINS Application Number EN020027					
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0003					
Scale	Sheet Size	Sheet	Issue		
1:2,500	A0	SHEET 5 OF 8	A		



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 6 OF 8,
BRAINTREE DISTRICT COUNCIL)

Application Document 2.3



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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 577398 Sheet Y Centroid Coordinate: 217548

0 50 100 150 200 250 Metres

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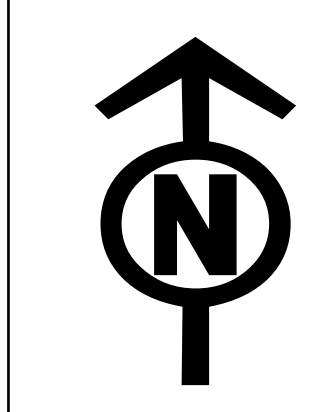
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REGULATION 5(2)(j)
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nationalgrid

PINS Application Number EN020027

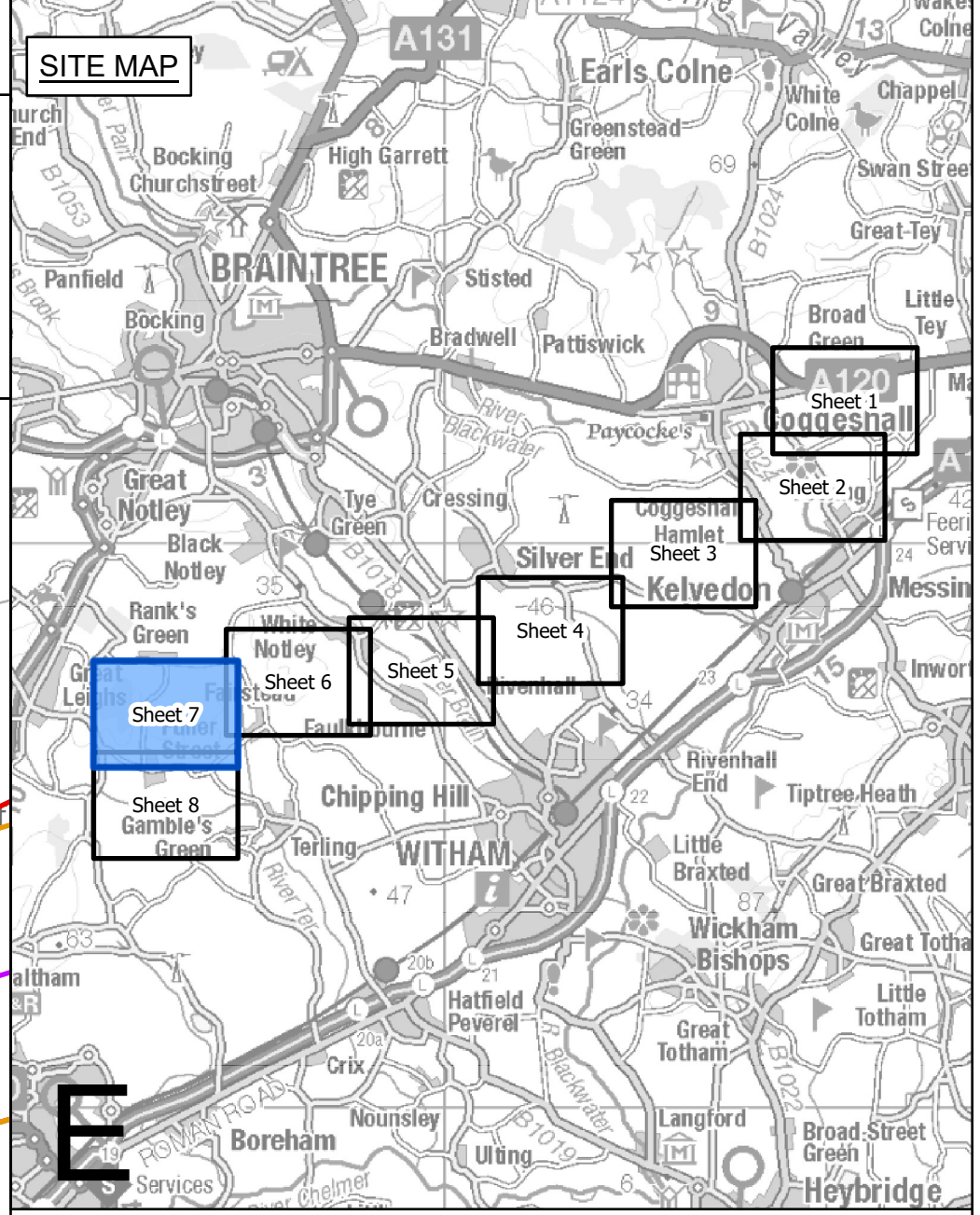
National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

Scale 1:2,500	Sheet Size A0	Sheet SHEET 6 OF 8	Issue A
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION E (SHEET 7 OF 8,
BRAINTREE DISTRICT COUNCIL AND CHELMSFORD CITY COUNCIL)

Application Document 2.3



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Sheet X Centroid Coordinate: 575048 Sheet Y Centroid Coordinate: 216980

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Revision History					
No.	Date	Description	By	Checked	Approved

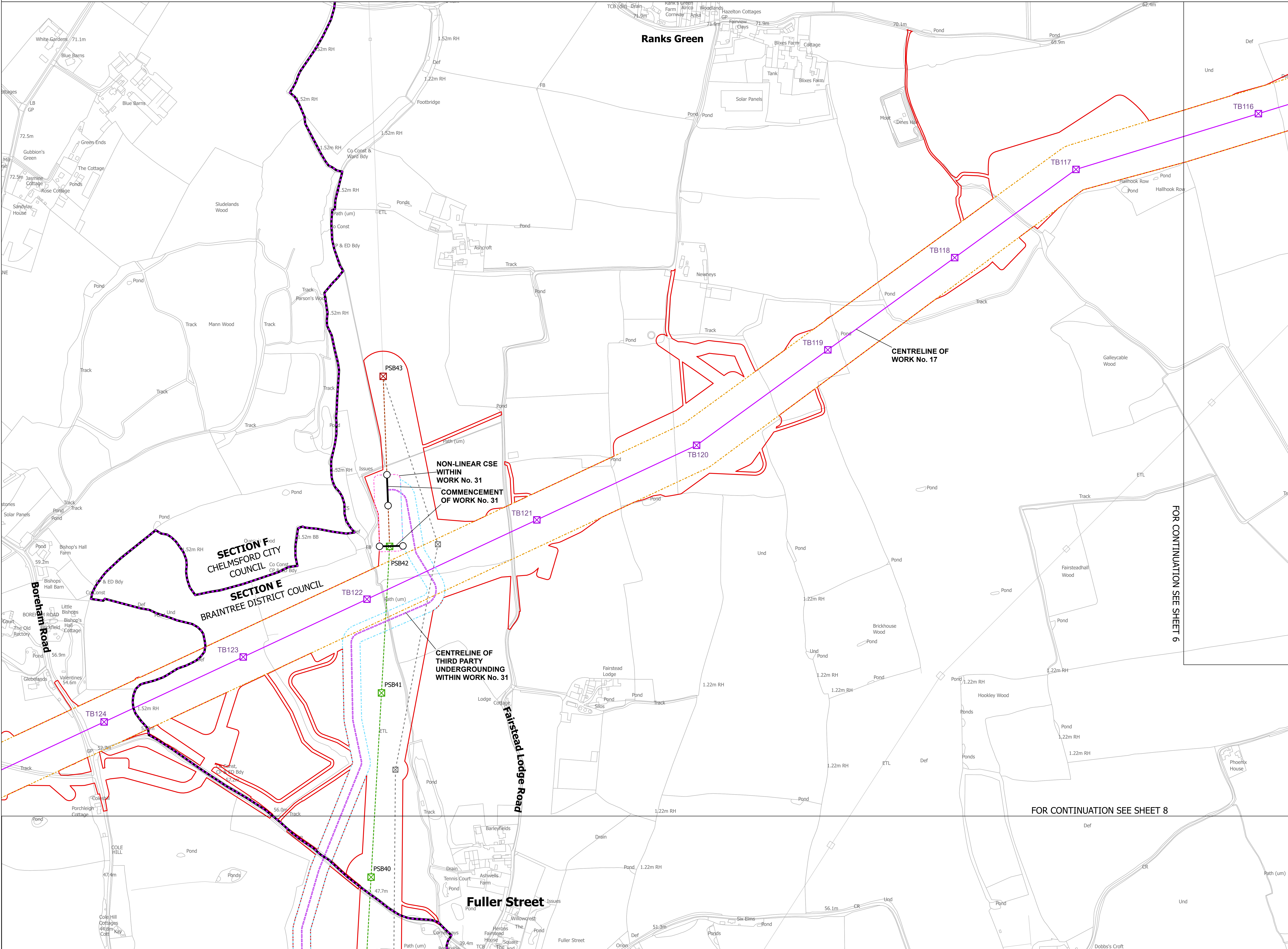
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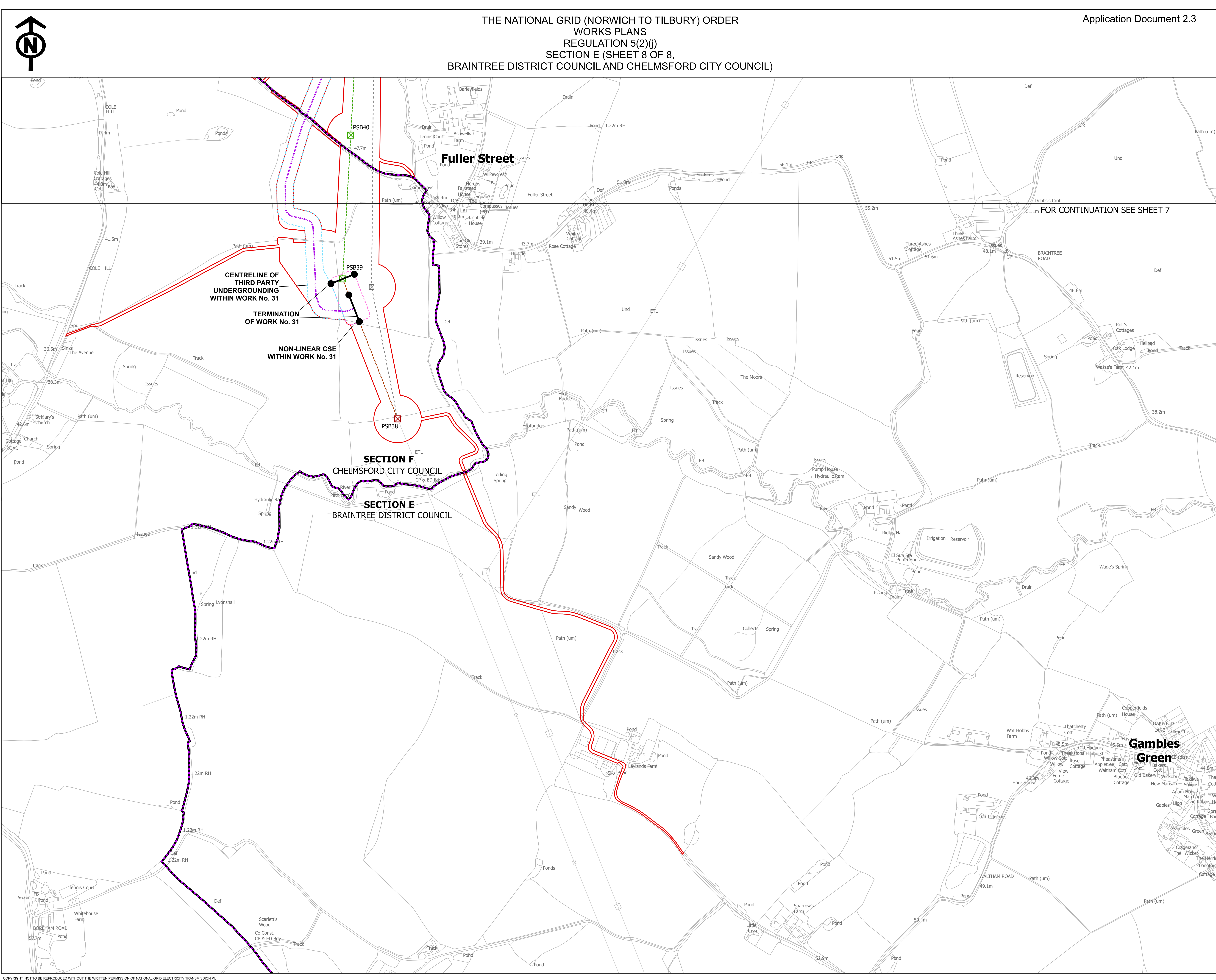
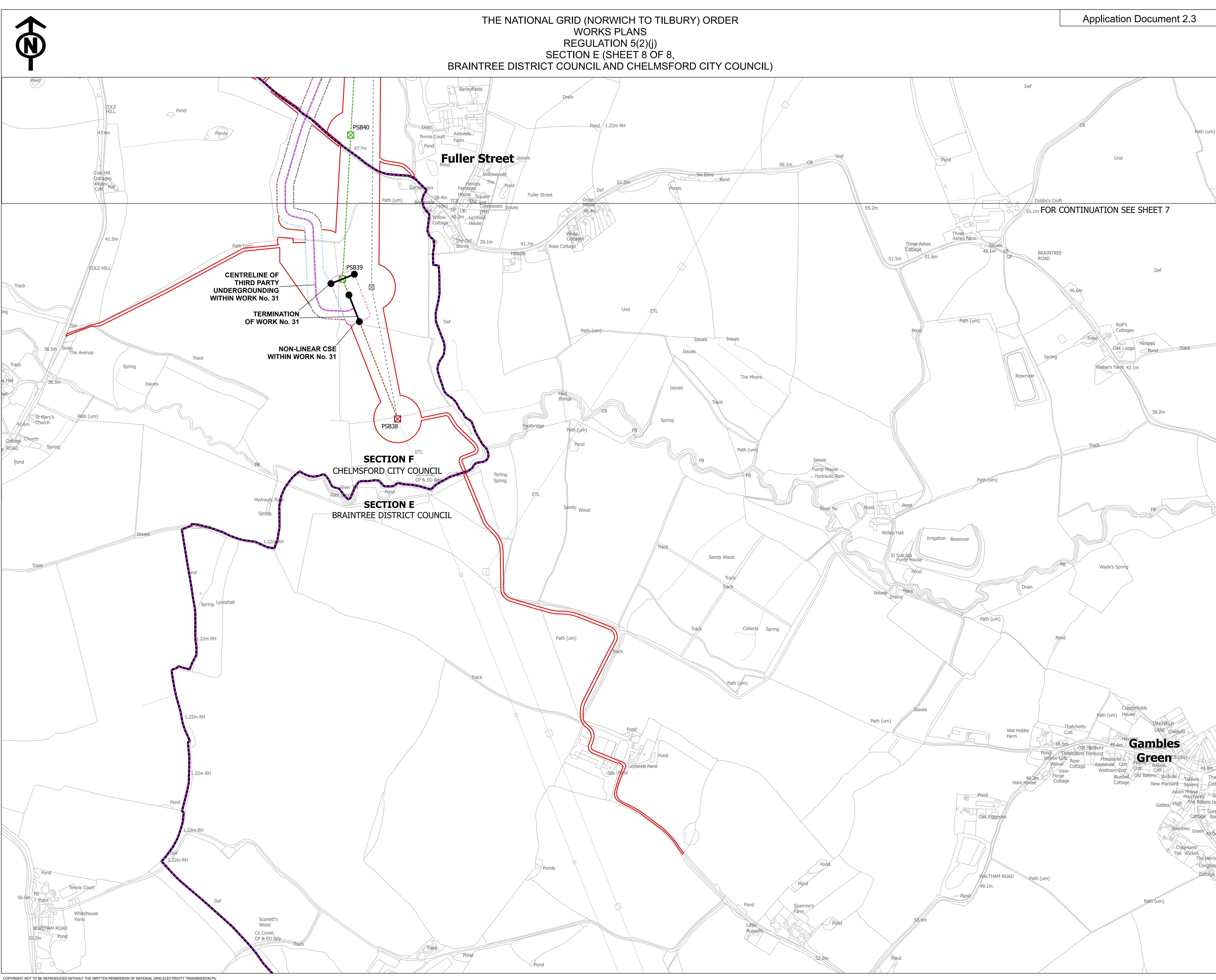
nationalgrid

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National Grid Drawing Reference
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Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 7 OF 8	A

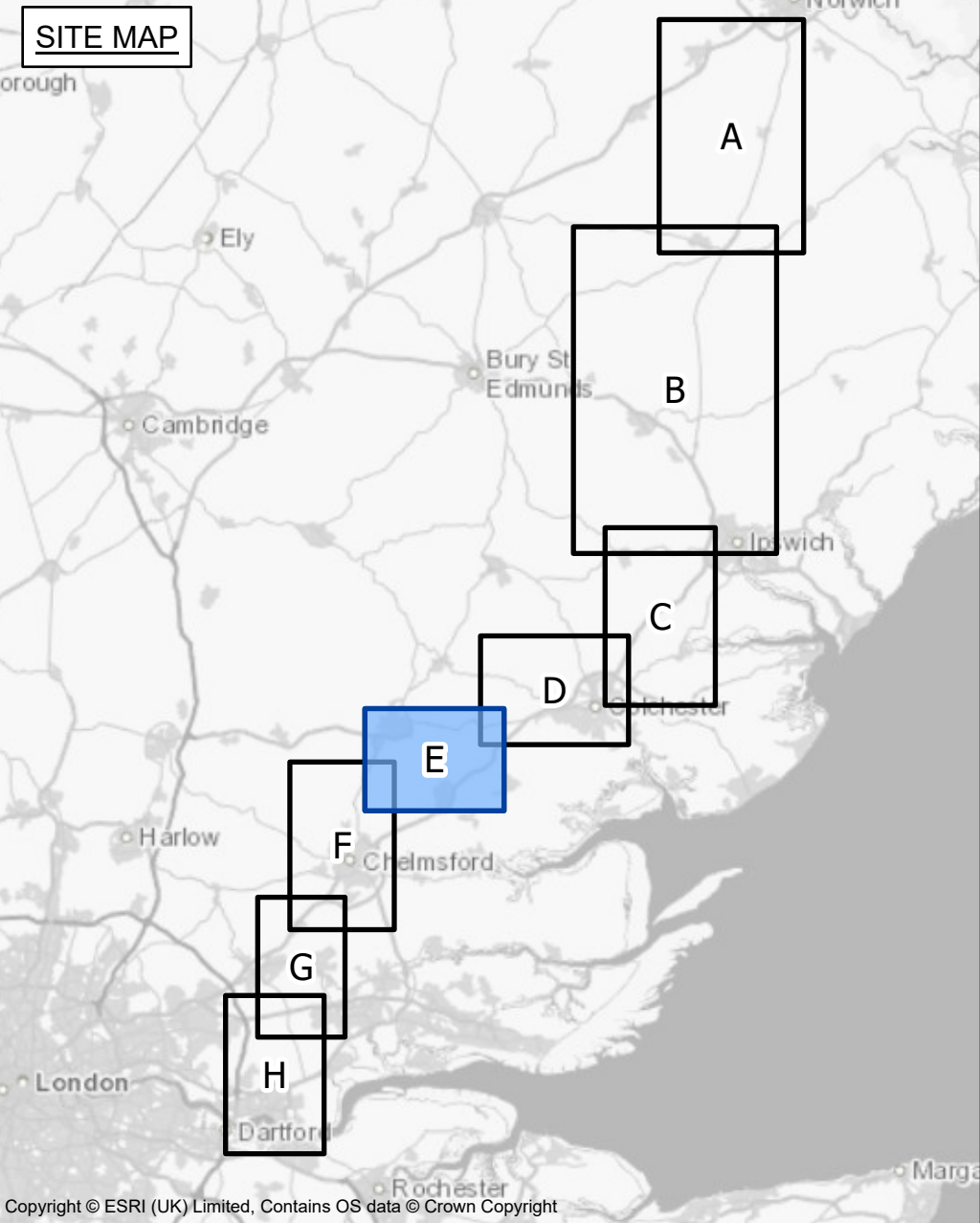


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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
TABLE OF PARAMETERS - SECTION E (SHEET 1 OF 1,
BRAINTREE DISTRICT COUNCIL, COLCHESTER CITY COUNCIL AND CHELMSFORD CITY COUNCIL)

Application Document 2.3



Infrastructure title/number	Infrastructure height above infrastructure foundation (m)	Upward extent of vertical limit of deviation (m)
TB71	50.8	6
TB72	50.8	6
TB73	51.7	6
TB74	53.8	6
TB75	50.8	6
TB76	55.1	6
TB77	56.8	6
TB78	55.3	6
TB79	53.8	6
TB80	53.8	6
TB81	54.7	6
TB82	53.8	6
TB83	50.8	6
TB84	51.7	6
TB85	50.8	6
TB86	50.8	6
TB87	45.7	6
TB88	47.8	6
TB89	50.8	6
TB90	54.7	6
TB91	53.8	6
TB92	50.8	6
TB93	54.7	6
TB94	54.7	6
TB95	53.8	6
TB96	53.8	6
TB97	48.7	6
TB98	53.8	6
TB99	59.8	6
TB100	60.7	6
TB101	53.8	6
TB102	56.8	6
TB103	51.7	6
TB104	56.8	6
TB105	46.1	6
TB106	53.8	6
TB107	50.8	6
TB108	50.8	6
TB109	50.8	6
TB110	49.3	6
TB111	13	Refer to note 5
TB112	13	Refer to note 5
Fairstead (EACN side) Cable Sealing End Compound	Refer to note 6	Refer to note 6
Fairstead (Tilbury side) Cable Sealing End Compound	Refer to note 6	Refer to note 6
TB113	13	Refer to note 5
TB114	13	Refer to note 5
TB115	49.3	6
TB116	53.8	6
TB117	48.7	6
TB118	50.8	6
TB119	50.8	6
TB120	48.7	6
TB121	53.8	6
TB122	59.8	6
TB123	47.8	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 overhead line is 400 kV.

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 580835 Sheet Y Centroid Coordinate: 218950

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PINS Application Number

EN020027

National Grid Drawing Reference

AENC-LSTC-ENG-DWG-0003

Scale

N/A

Sheet Size

A0

Sheet

SHEET 1 OF 1

Issue

A