

AENC-LSTC-ENG-DWG-0003

Norwich to Tilbury

Volume 2: Plans, Drawings and Sections

Document: 2.3 Work Plans - Section D

Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

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

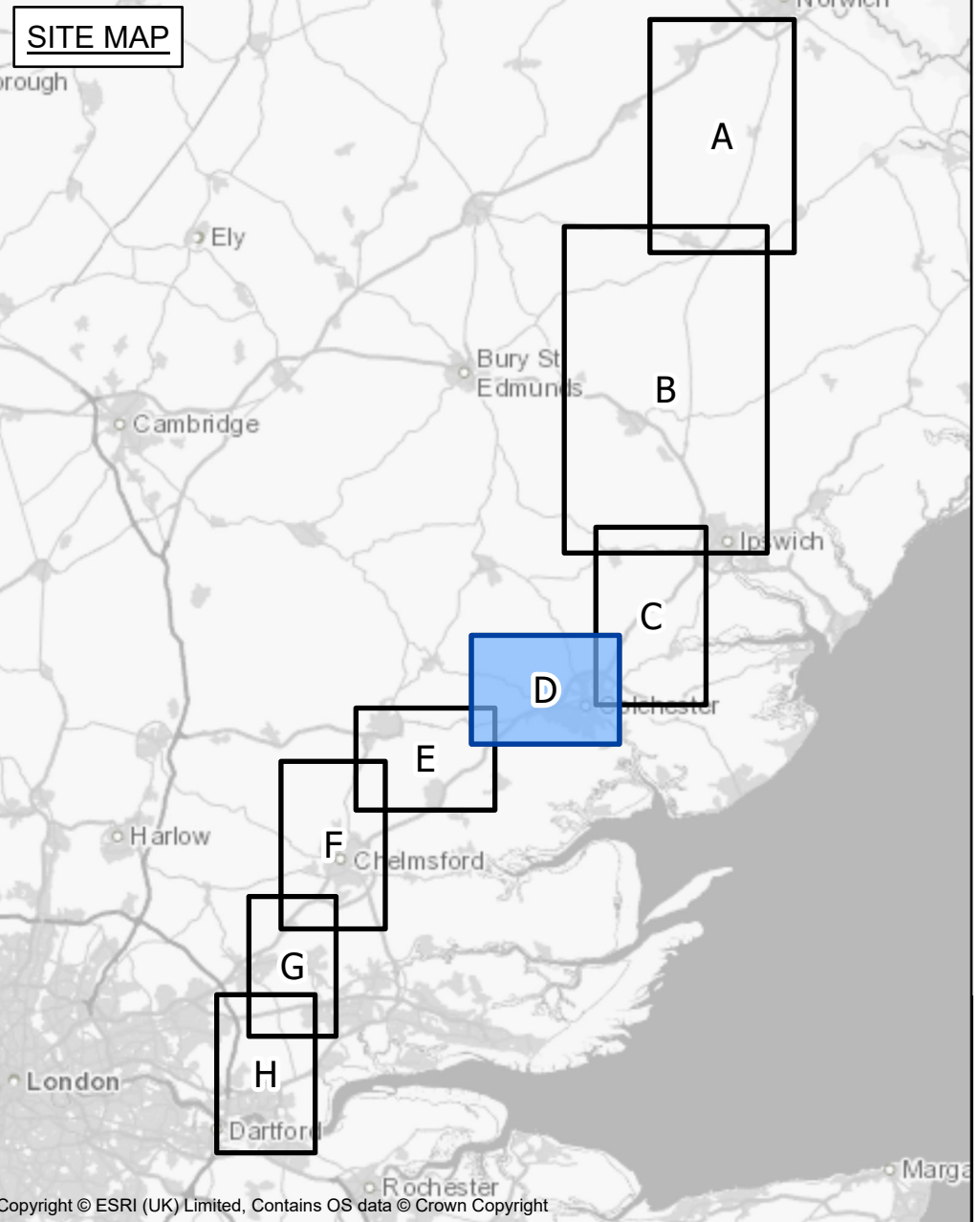
nationalgrid



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS KEY PLAN
REGULATION 5(2)(j)
SECTION D (SHEET 1 OF 1,
BRAINTREE DISTRICT COUNCIL, COLCHESTER CITY COUNCIL AND TENDRING DISTRICT 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.
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Coordinate System: British National Grid

Sheet X Centroid Coordinate: 594955 Sheet Y Centroid Coordinate: 227102

0 250 500 1,000 1,500 Metres

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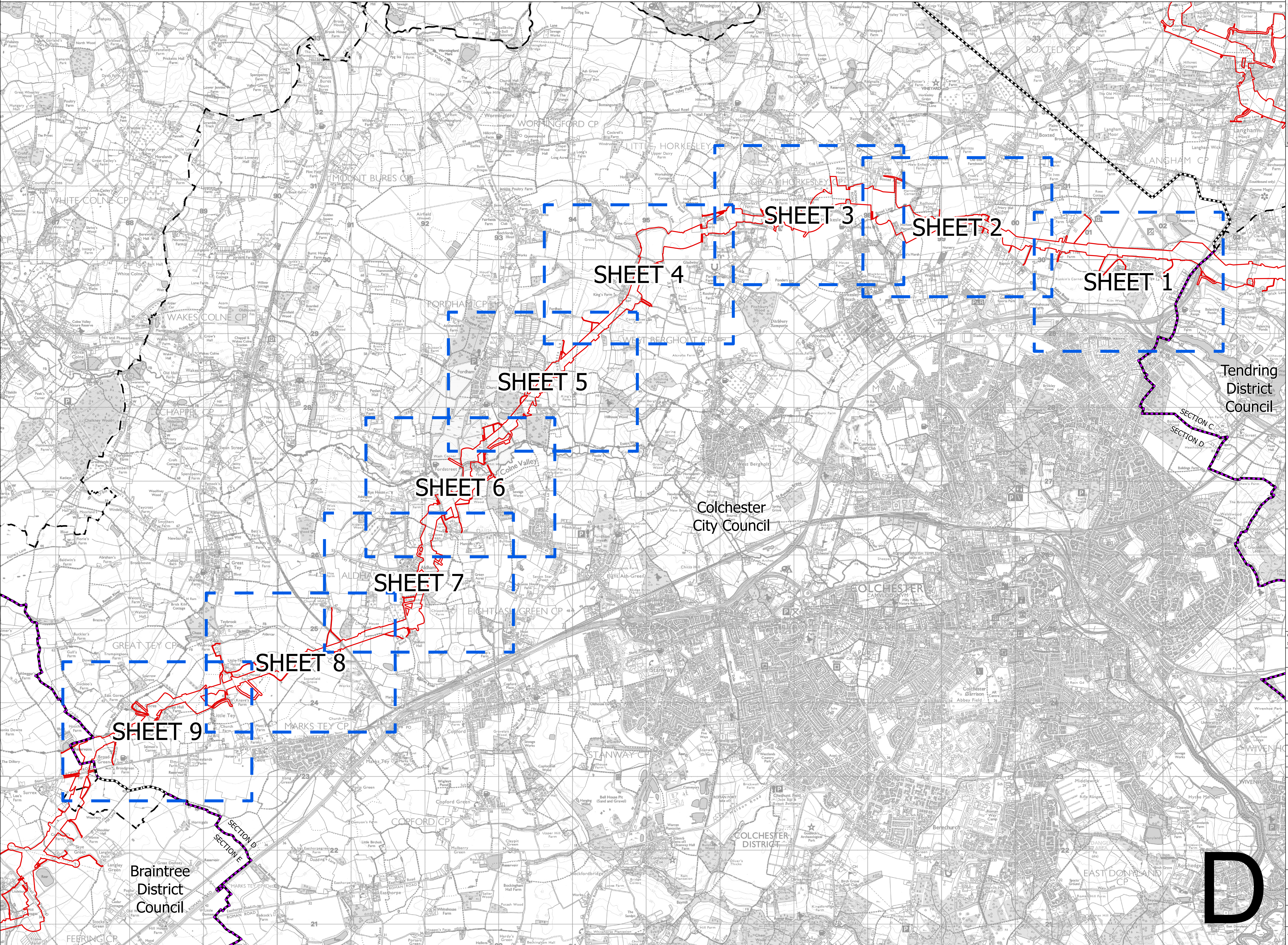
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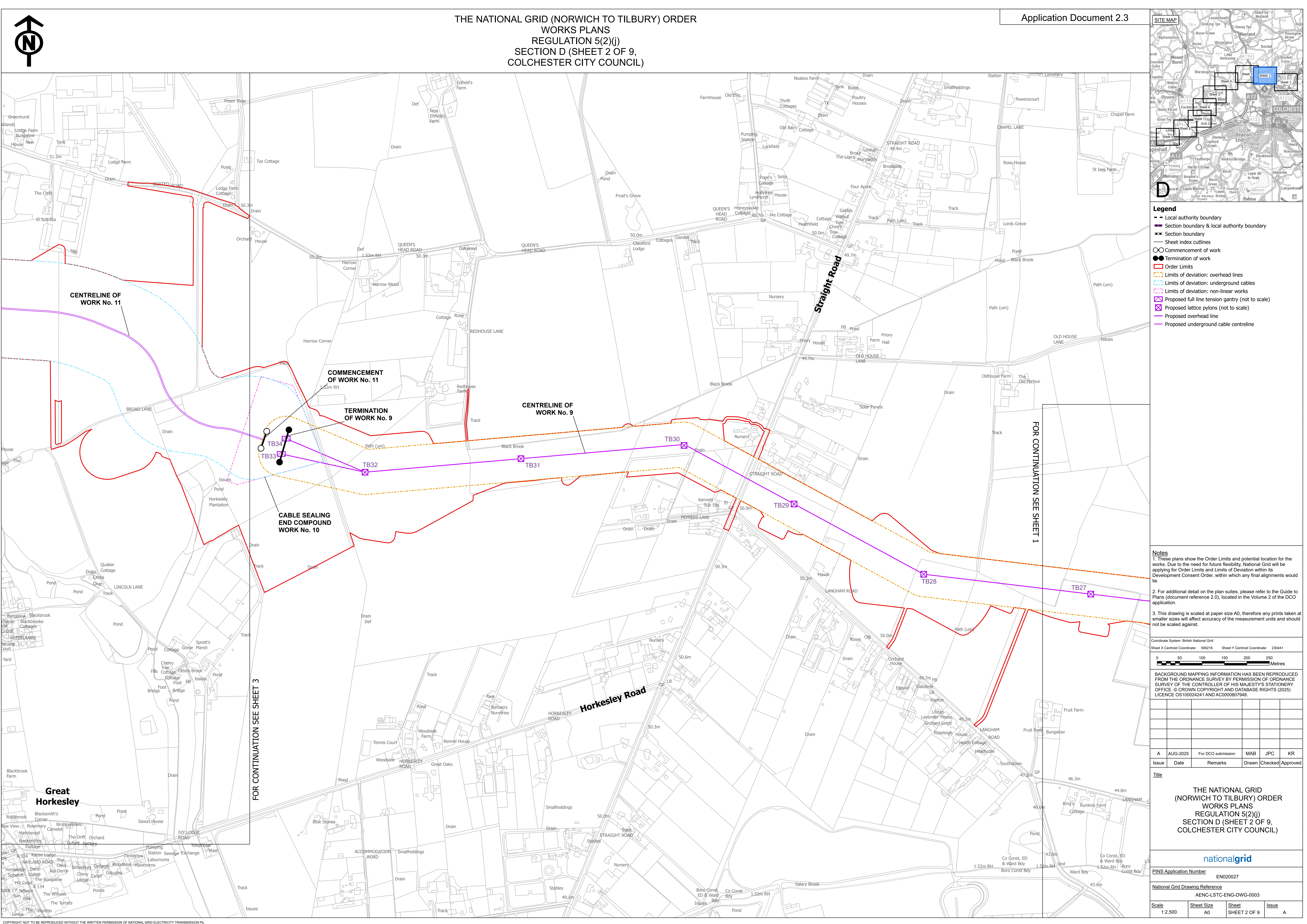
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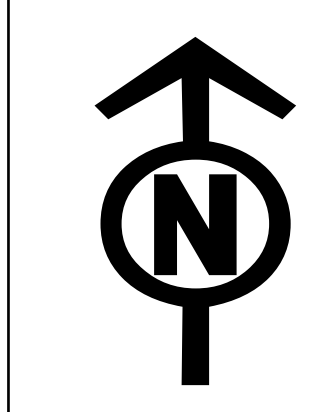
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AENC-LSTC-ENG-DWG-0003

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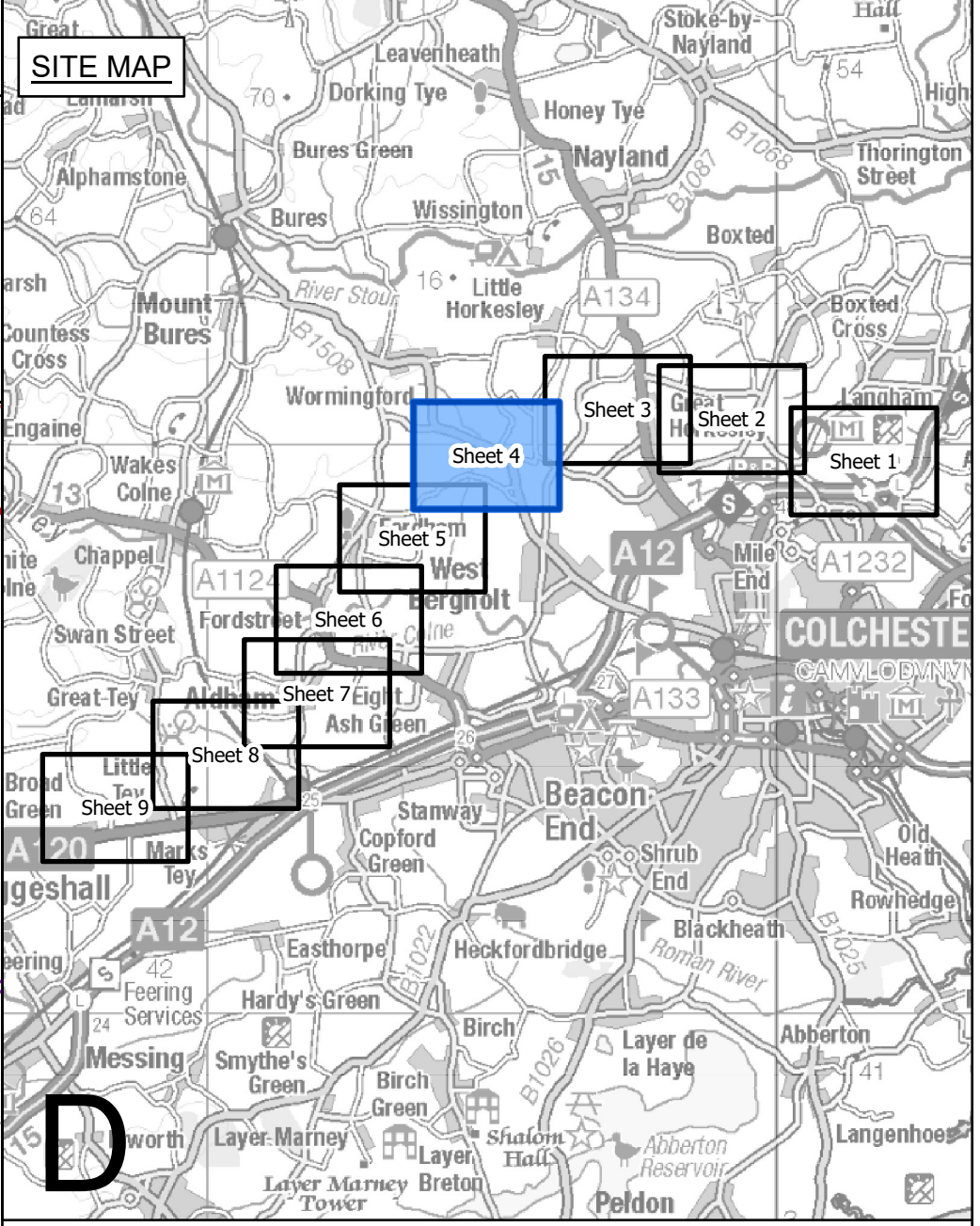






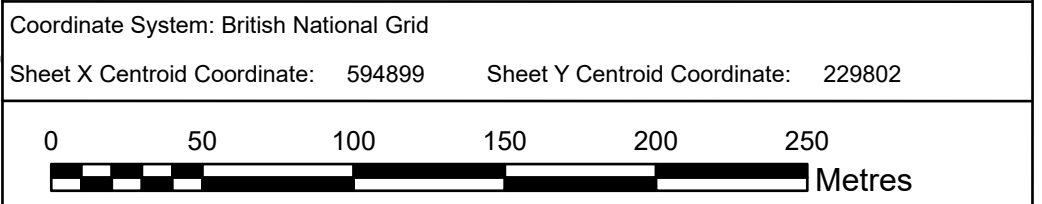
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION D (SHEET 4 OF 9,
COLCHESTER CITY COUNCIL)

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
 - Limits of deviation: non-linear works
 - Proposed full line tension gantry (not to scale)
 - Proposed lattice pylons (not to scale)
 - Proposed overhead line
 - Proposed underground cable centreline

- 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.
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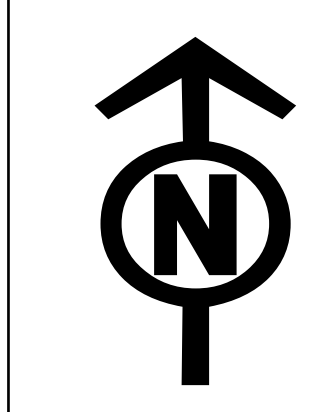
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Title

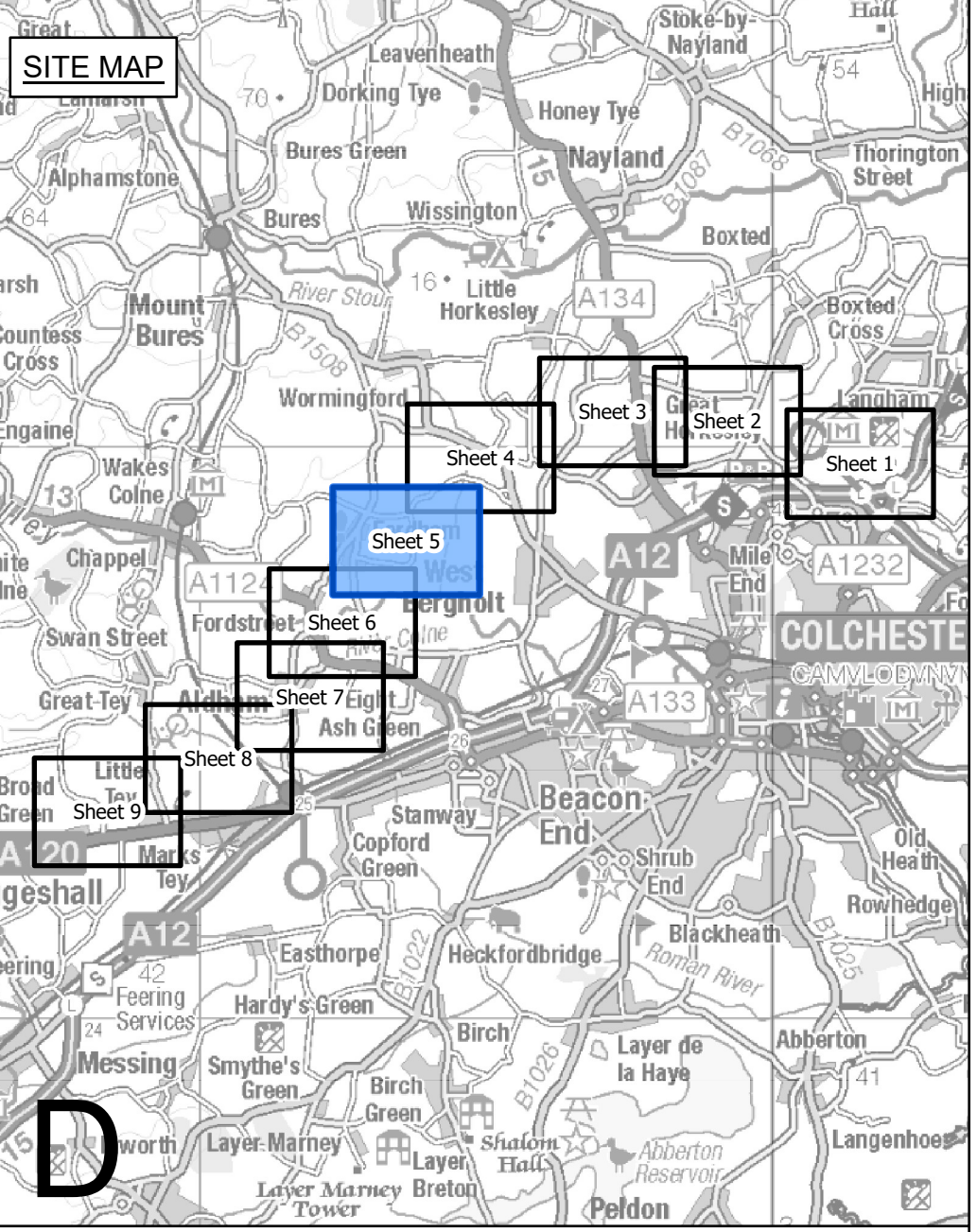
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nationalgrid			
<u>PINS Application Number</u>		EN020027	
<u>National Grid Drawing Reference</u>			
AENC-LSTC-ENG-DWG-0003			
<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
1:2,500	A0	SHEET 4 OF 9	A



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WORKS PLANS
REGULATION 5(2)(j)
SECTION D (SHEET 5 OF 9,
COLCHESTER CITY COUNCIL)

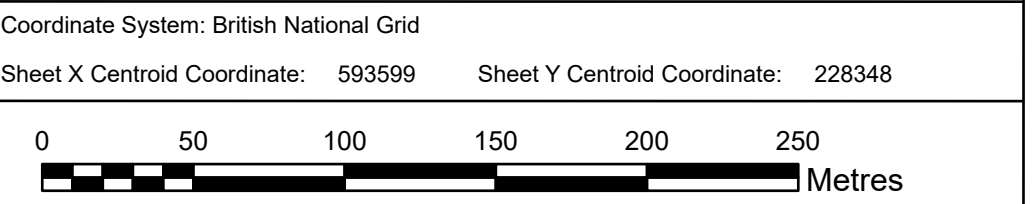
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FOR CONTINUATION SEE SHEET 4

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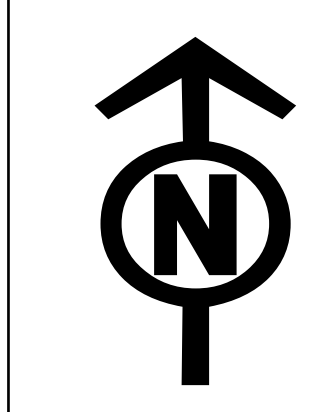
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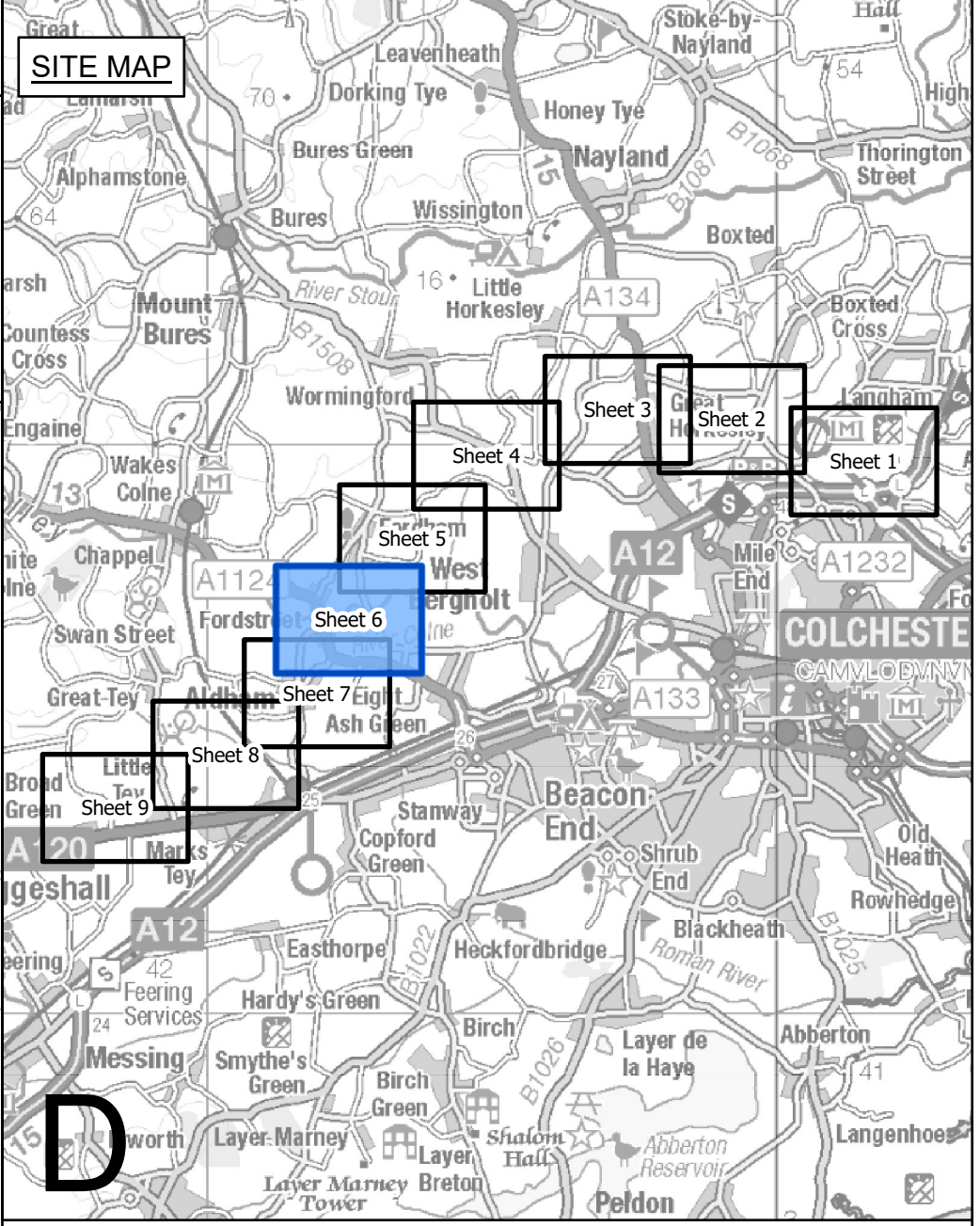
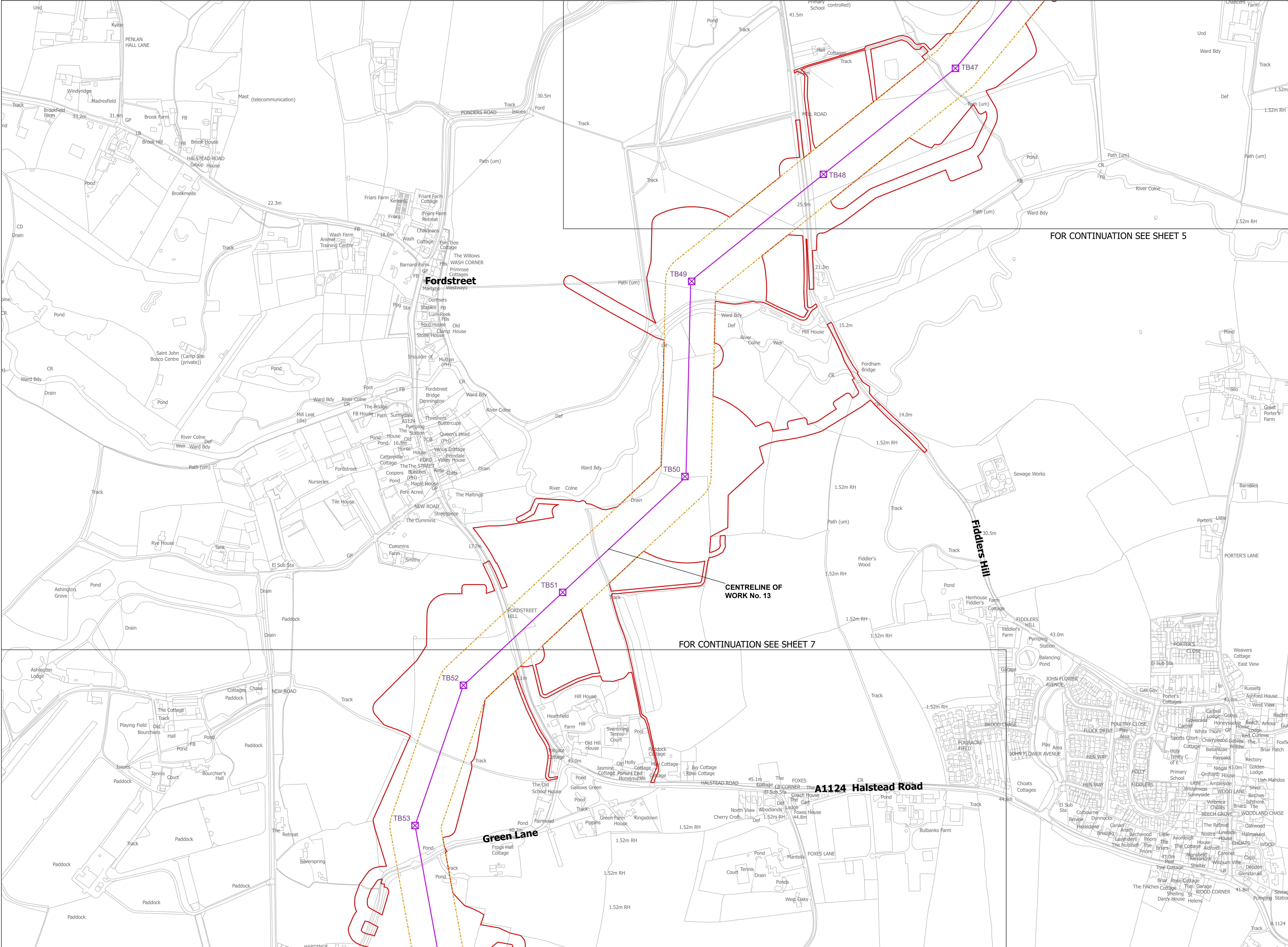
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nationalgrid			
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<u>National Grid Drawing Reference</u>			
AENC-LSTC-ENG-DWG-0003			
<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
1:2,500	A0	SHEET 5 OF 9	A



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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SECTION D (SHEET 6 OF 9,
COLCHESTER CITY COUNCIL)

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 592461 Sheet Y Centroid Coordinate: 226918

0 50 100 150 200 250 Metres

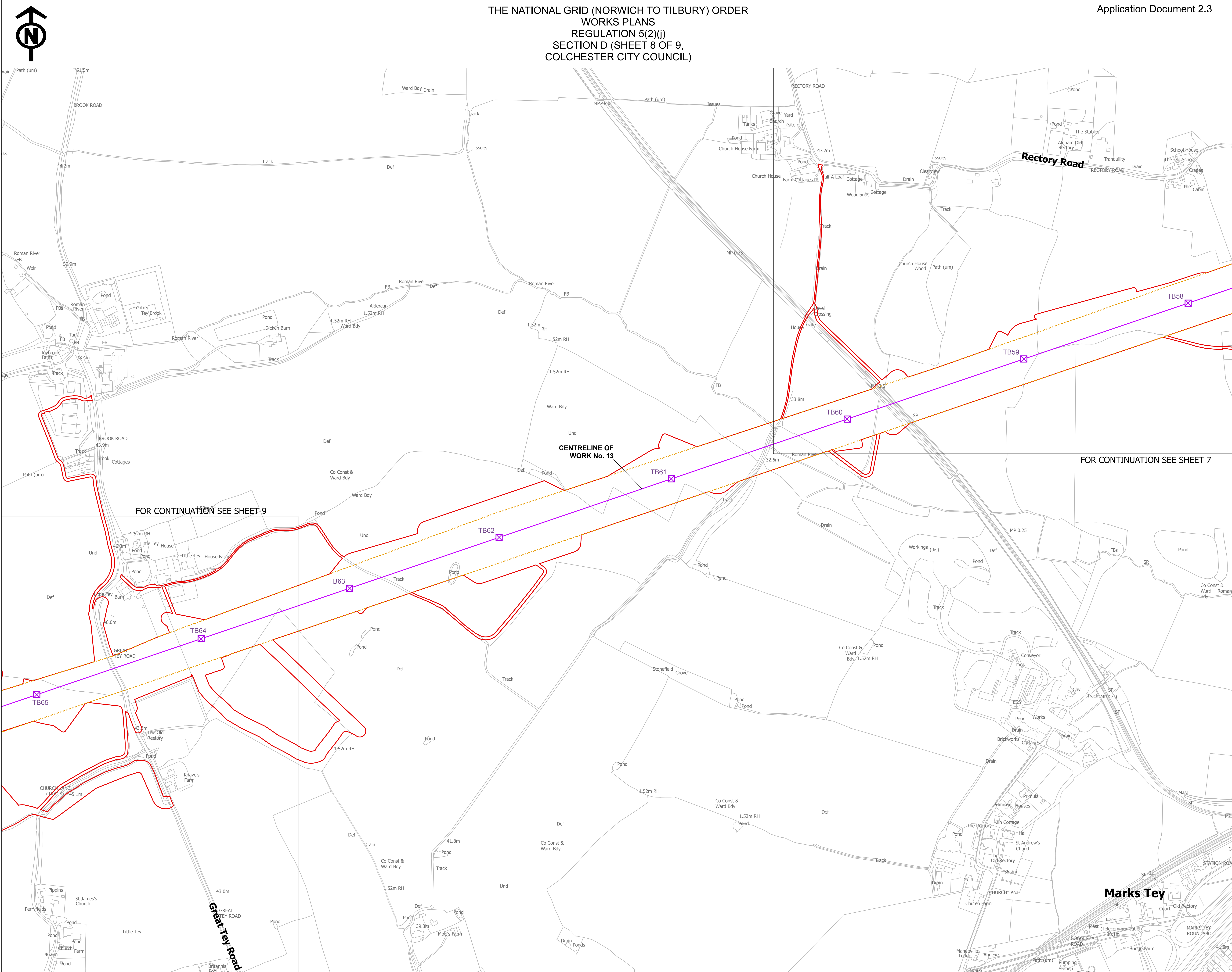
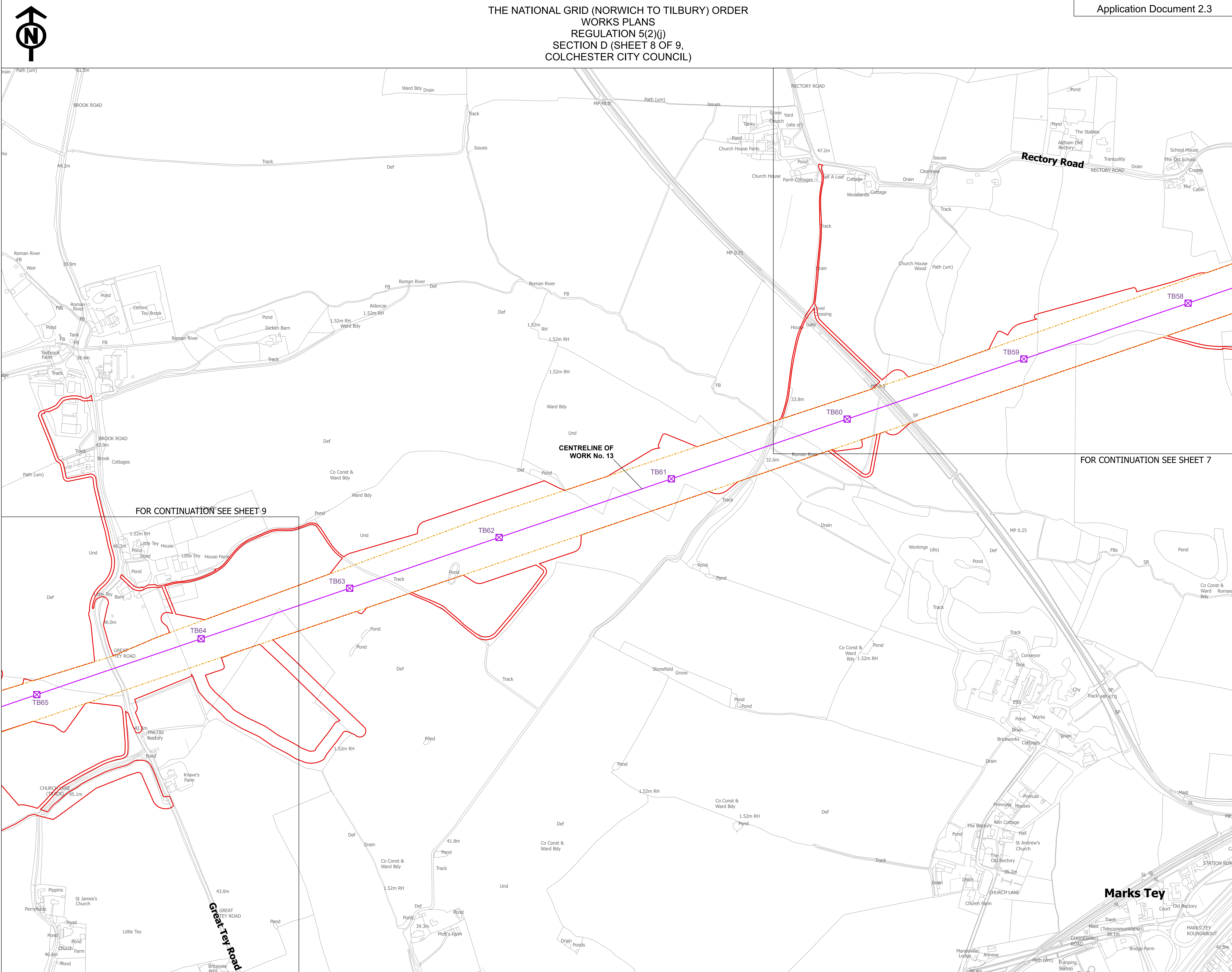
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REGULATION 5(2)(j)
SECTION D (SHEET 6 OF 9,
COLCHESTER CITY COUNCIL)

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 9	Issue A

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION D (SHEET 8 OF 9,
COLCHESTER CITY COUNCIL)

FOR CONTINUATION SEE SHEET 9

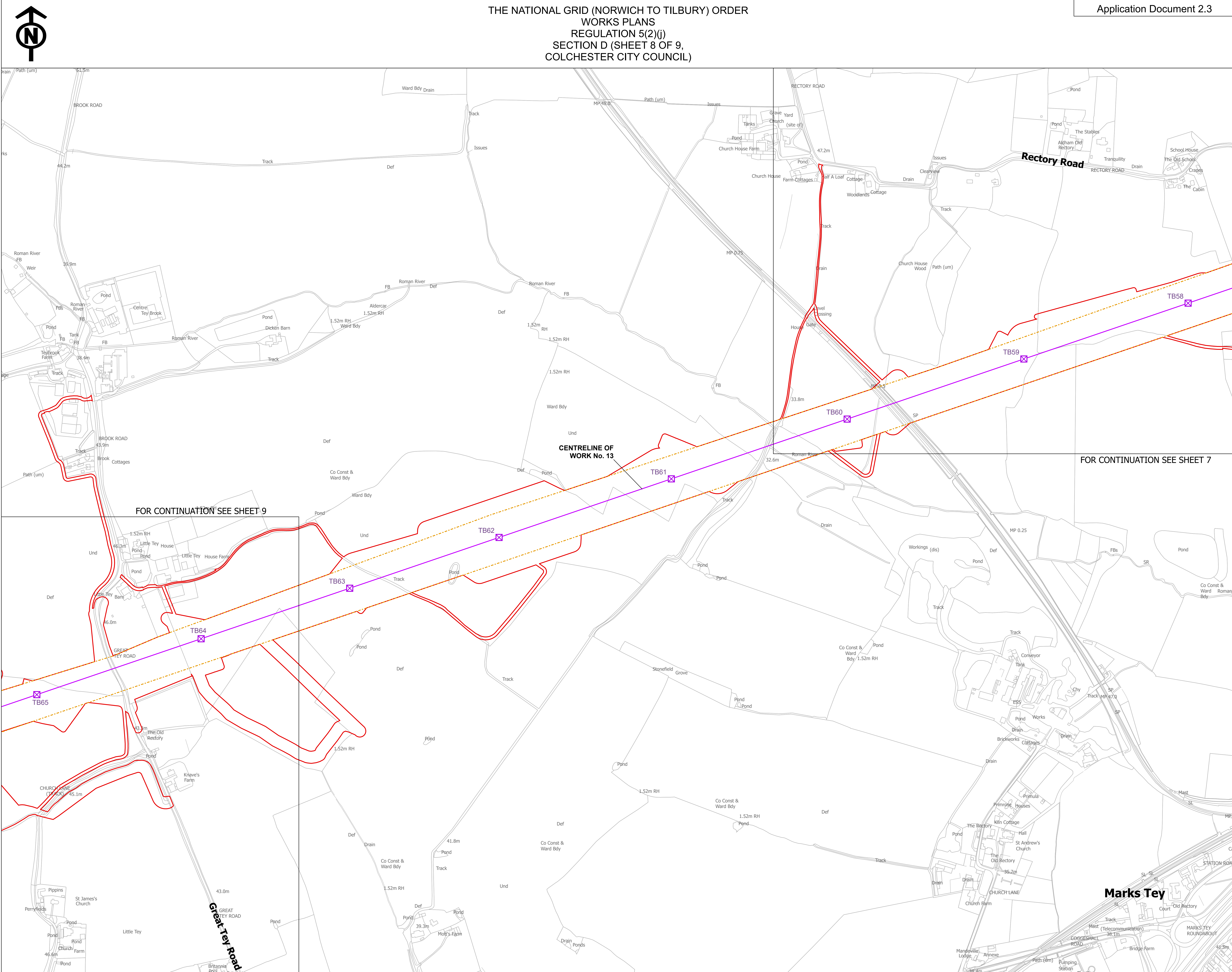
FOR CONTINUATION SEE SHEET 7

Centreline of Work No. 13

Rectory Road

Great Tey Road

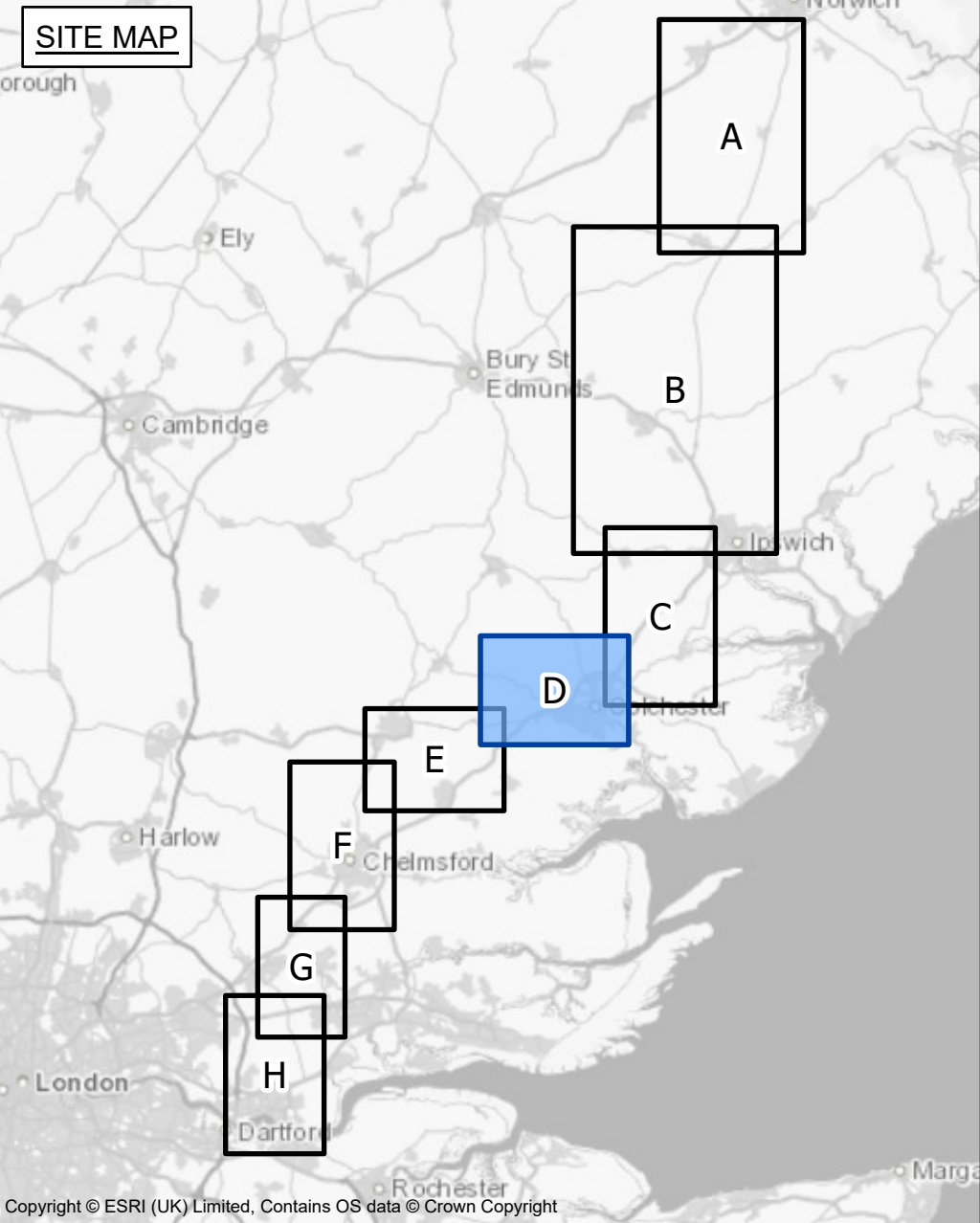
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
TABLE OF PARAMETERS - SECTION D (SHEET 1 OF 1,
BRAINTREE DISTRICT COUNCIL, COLCHESTER CITY COUNCIL AND TENDRING DISTRICT COUNCIL)

Application Document 2.3



Infrastructure title/number	Infrastructure height above infrastructure foundation (m)	Upward extent of vertical limit of deviation (m)
TB21	52.1	6
TB22	50.8	6
TB23	50.8	6
TB24	50.8	6
TB25	45.7	6
TB26	56.8	6
TB27	56.8	6
TB28	48.7	6
TB29	50.8	6
TB30	49.1	6
TB31	50.8	6
TB32	48.7	6
TB33	15	Refer to note 5
TB34	15	Refer to note 5
Great Horkesley (EACN side) Cable Sealing End Compound	Refer to note 6	Refer to note 6
Great Horkesley (Tilbury side) Cable Sealing End Compound	Refer to note 6	Refer to note 6
TB35	15	Refer to note 5
TB36	15	Refer to note 5
TB37	48.7	6
TB38	47.8	6
TB39	50.8	6
TB40	51.7	6
TB41	56.8	6
TB42	50.8	6
TB43	53.8	6
TB44	54.7	6
TB45	53.8	6
TB46	50.8	6
TB47	48.7	6
TB48	56.8	6
TB49	46.1	6
TB50	46.1	6
TB51	56.8	6
TB52	48.7	6
TB53	51.7	6
TB54	48.7	6
TB55	53.8	6
TB56	47.8	6
TB57	49.1	6
TB58	53.8	6
TB59	56.8	6
TB60	59.8	6
TB61	53.8	6
TB62	51.7	6
TB63	50.8	6
TB64	53.8	6
TB65	56.8	6
TB66	50.8	6
TB67	55.1	6
TB68	54.7	6
TB69	53.8	6
TB70	52.1	6

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4. 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.

5. 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.

6. 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.

7. The voltage of the TB overhead line is 400 kV.

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 594955 Sheet Y Centroid Coordinate: 227102

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