

AENC-LSTC-ENG-DWG-0003

Norwich to Tilbury

Volume 2: Plans, Drawings and Sections

Document: 2.3 Works Plans - Section H - Clean Version

Final Issue C

July 2026

Planning Inspectorate Reference: EN020027

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

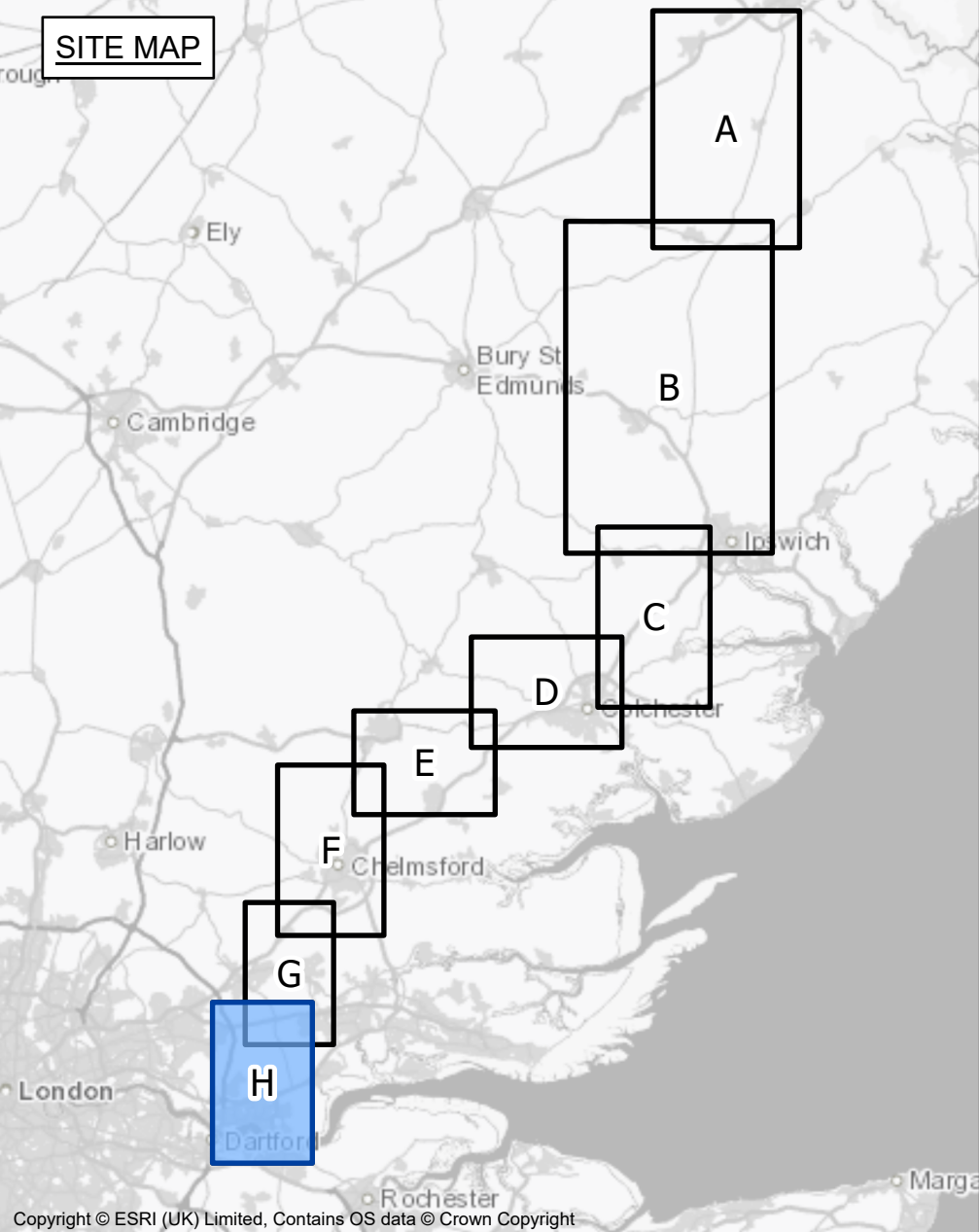
nationalgrid



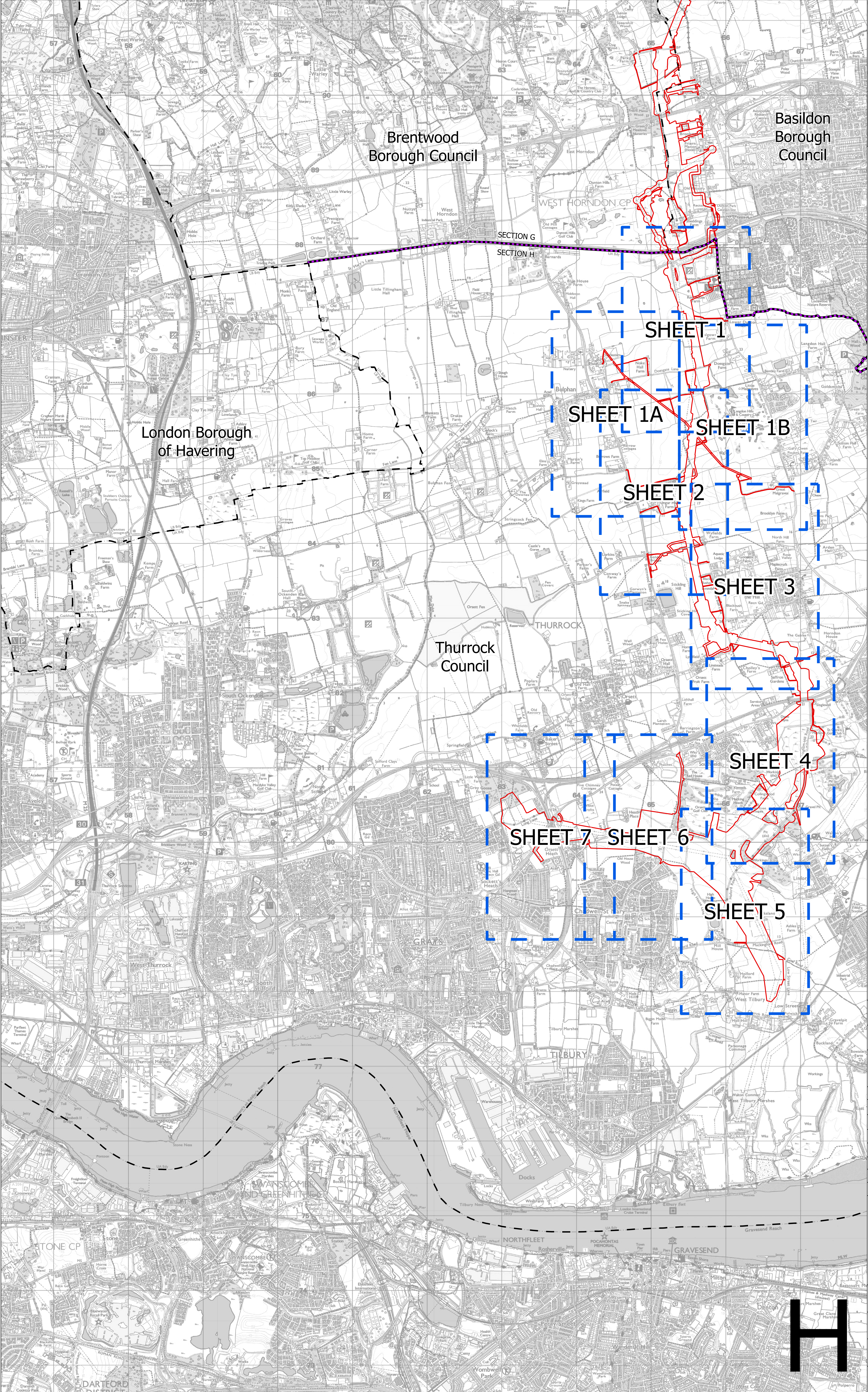
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS KEY PLAN
REGULATION 5(2)(j)
SECTION H (SHEET 1 OF 1,
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

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SITE MAP

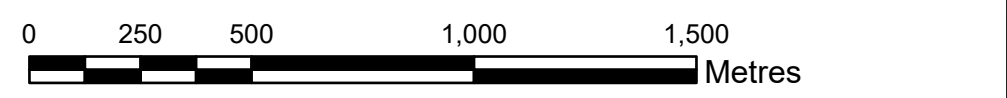


- Legend**
- Local authority boundary
 - Section boundary & local authority boundary
 - Section boundary
 - Sheet index
 - Order Limits



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



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

Title

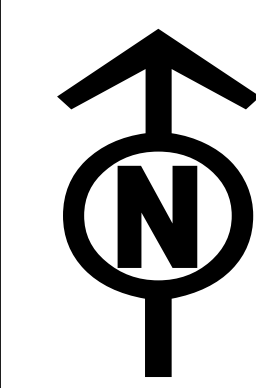
THE NATIONAL GRID
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nationalgrid

PINS Application Number
EN020027

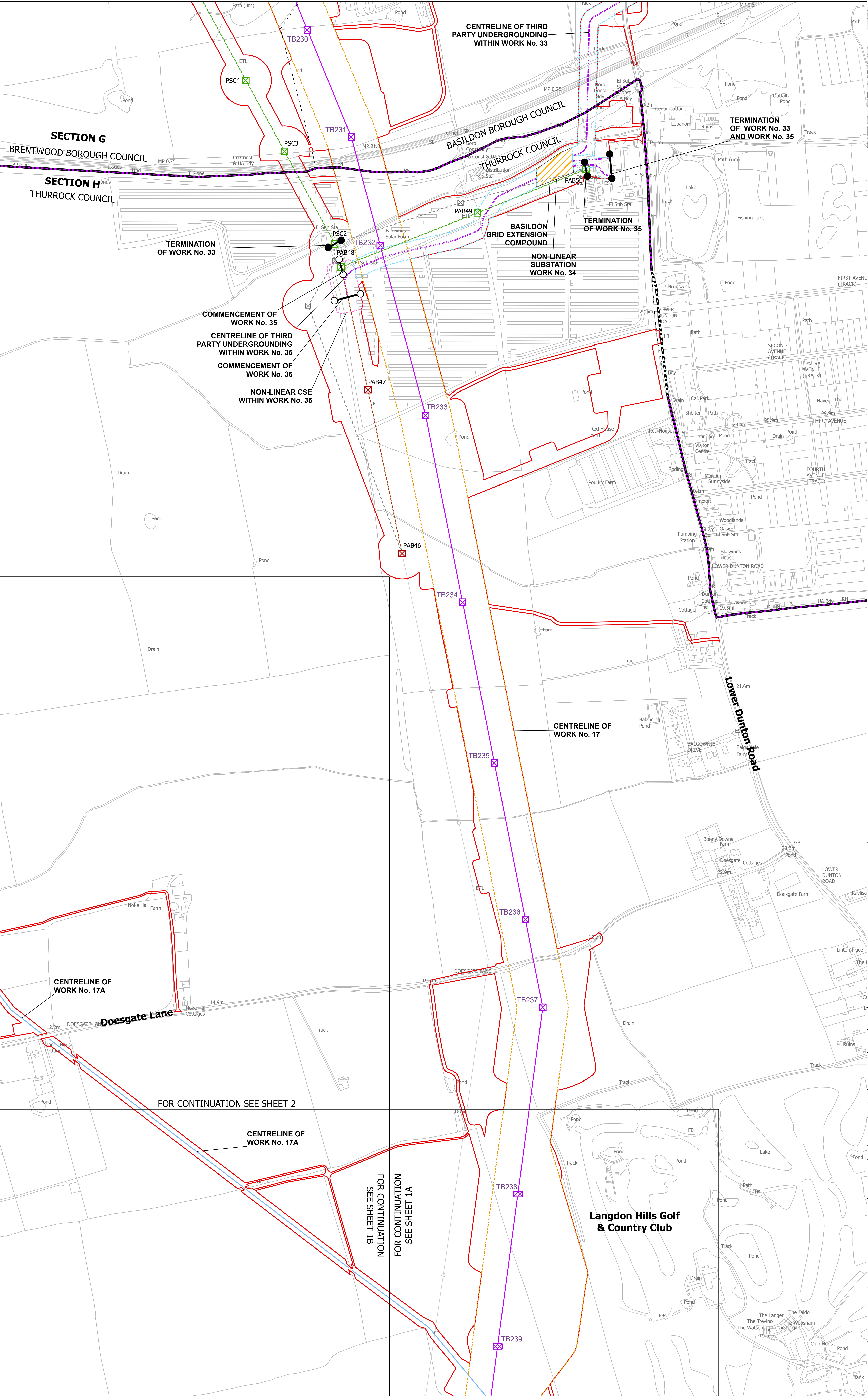
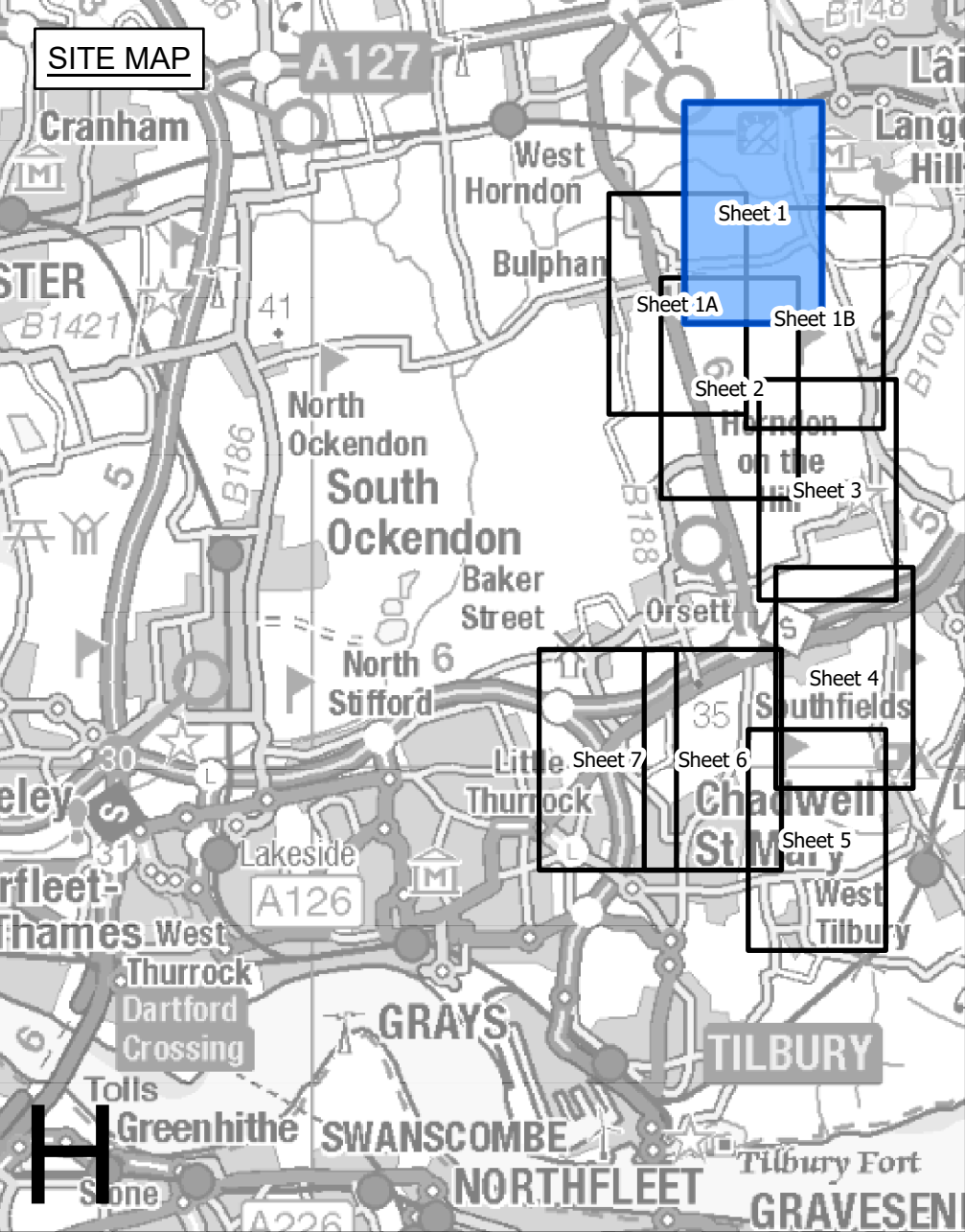
National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

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

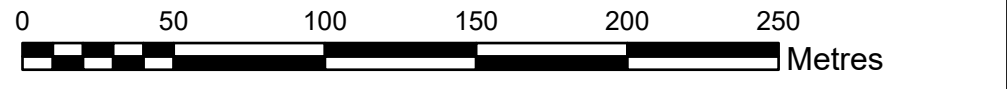
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- Legend**
- Local authority boundary
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 - Section boundary
 - Sheet index outlines
 - Commencement of work
 - Termination of work
 - Termination and commencement of work
 - Order Limits
 - Limits of deviation: overhead lines
 - Limits of deviation: temporary 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 low height lattice pylons (not to scale)
 - Proposed pylon removal (not to scale)
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 - Proposed overhead line
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 - Centreline of Work No. 17a
 - LTC Compensatory Habitat Works (Work No. 20)

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



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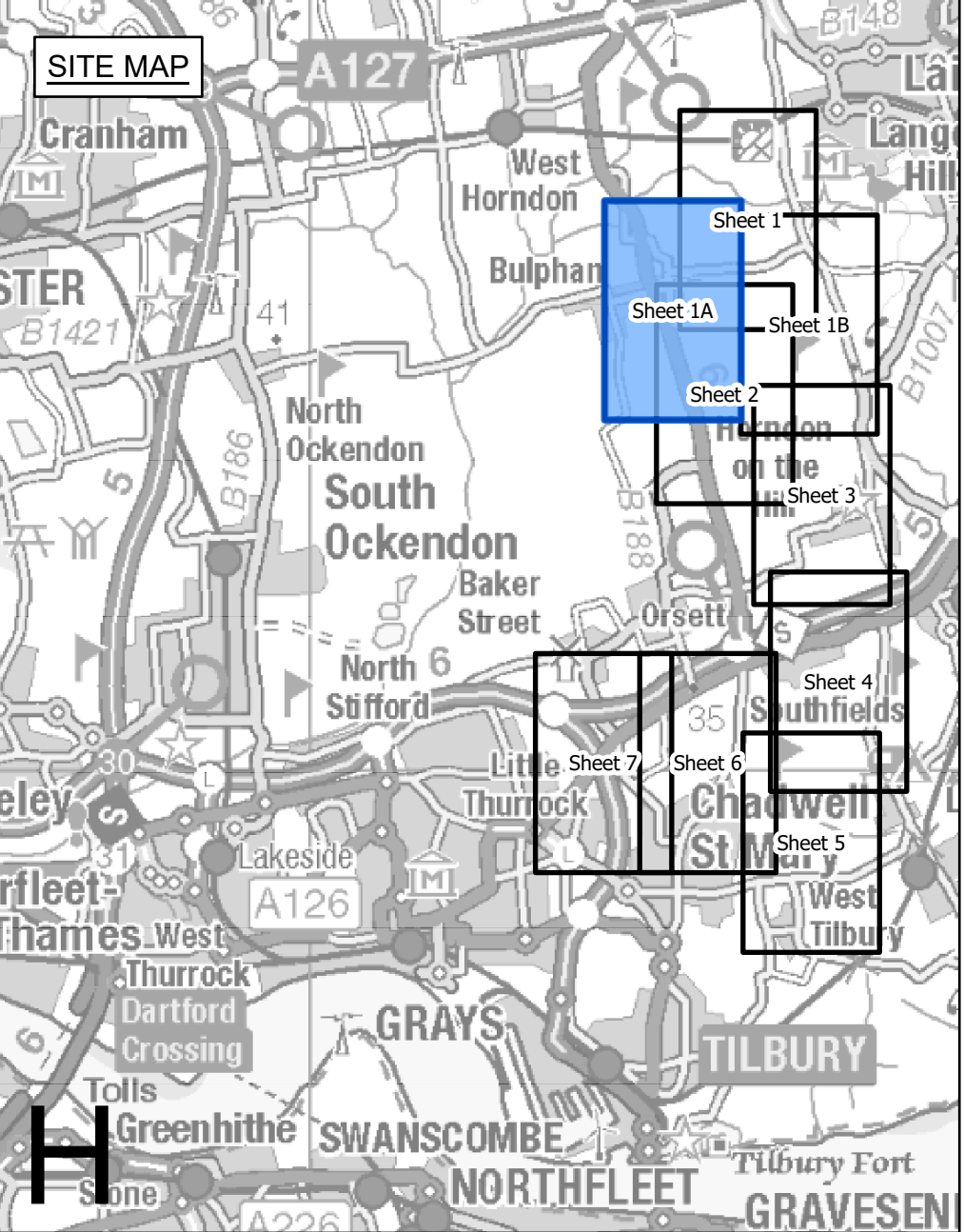
National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0003

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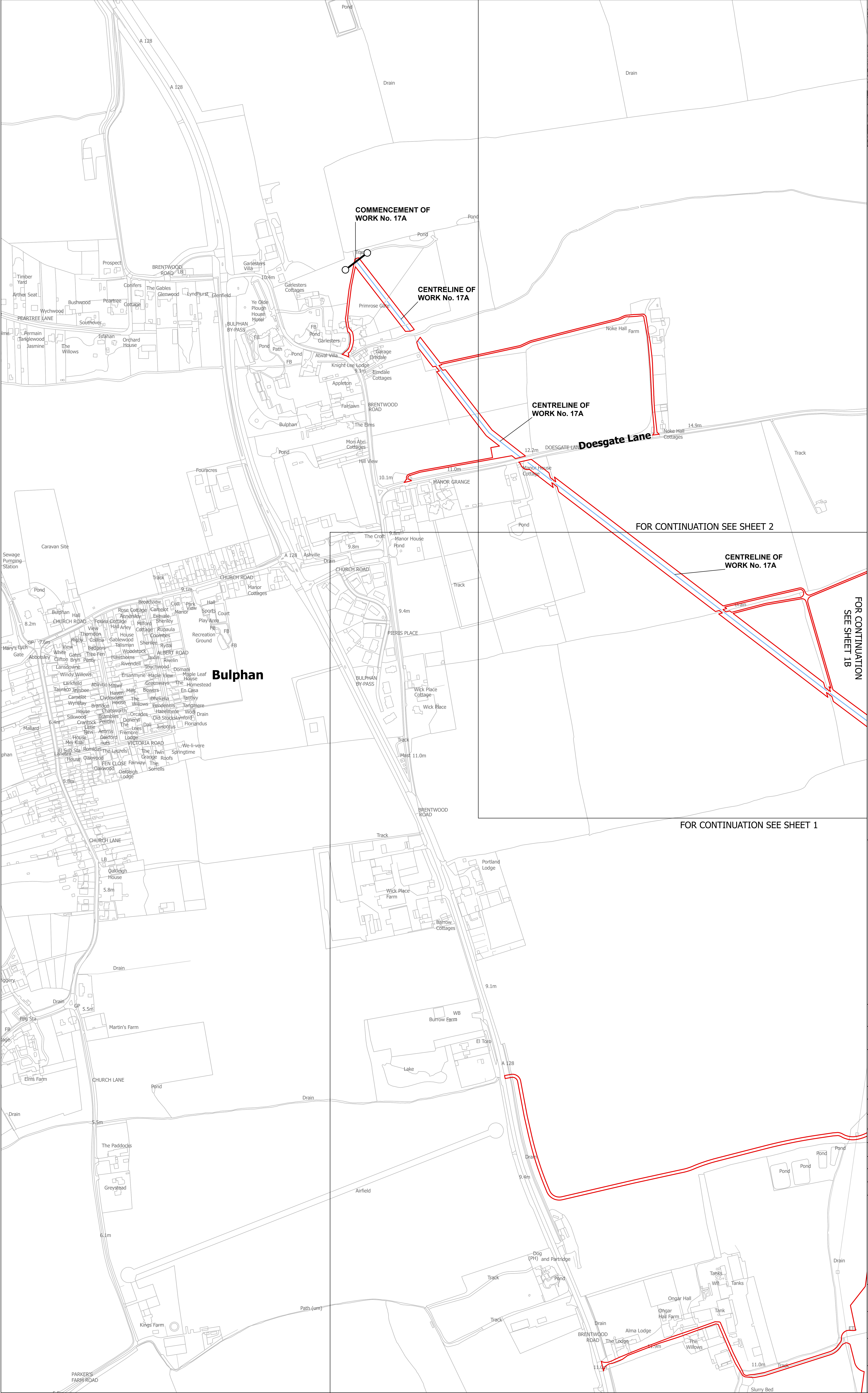


THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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REGULATION 5(2)(j)
SECTION H (SHEET 1A OF 7,
THURROCK COUNCIL)

Application Document 2.3

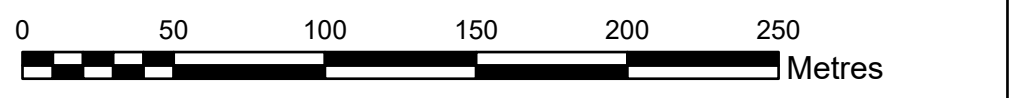


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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 564525 Sheet Y Centroid Coordinate: 185732



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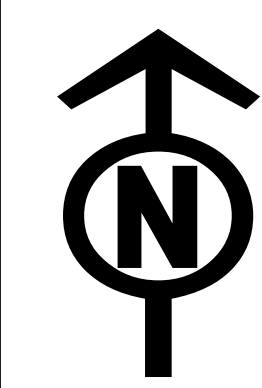
PINS Application Number

EN020027

National Grid Drawing Reference

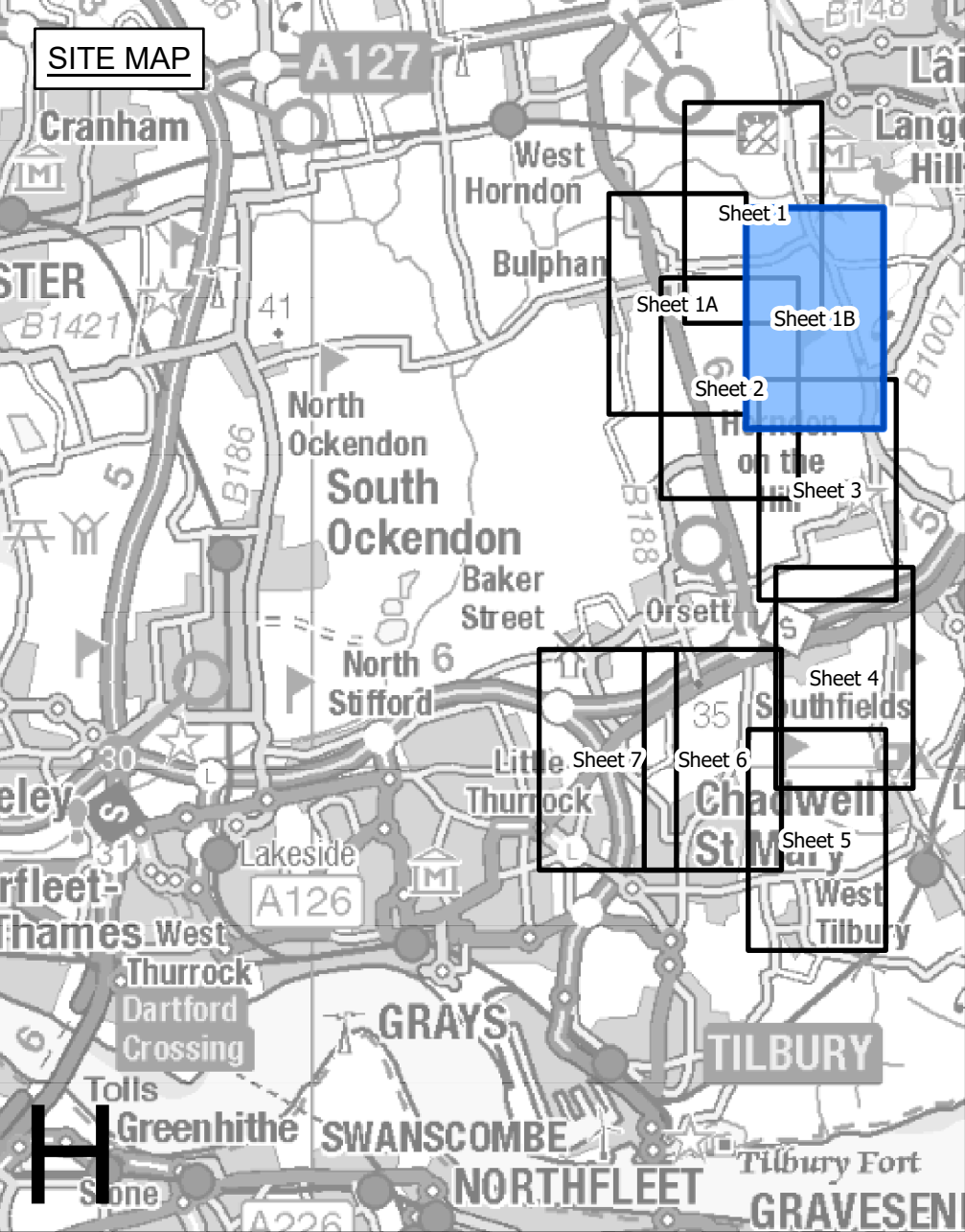
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Scale	Sheet Size	Sheet	Issue
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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REGULATION 5(2)(j)
SECTION H (SHEET 1B OF 7,
THURROCK COUNCIL)

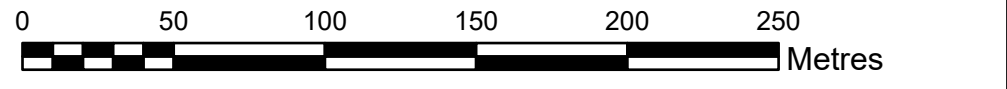
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 566230 Sheet Y Centroid Coordinate: 165555



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THE NATIONAL GRID
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THURROCK COUNCIL)

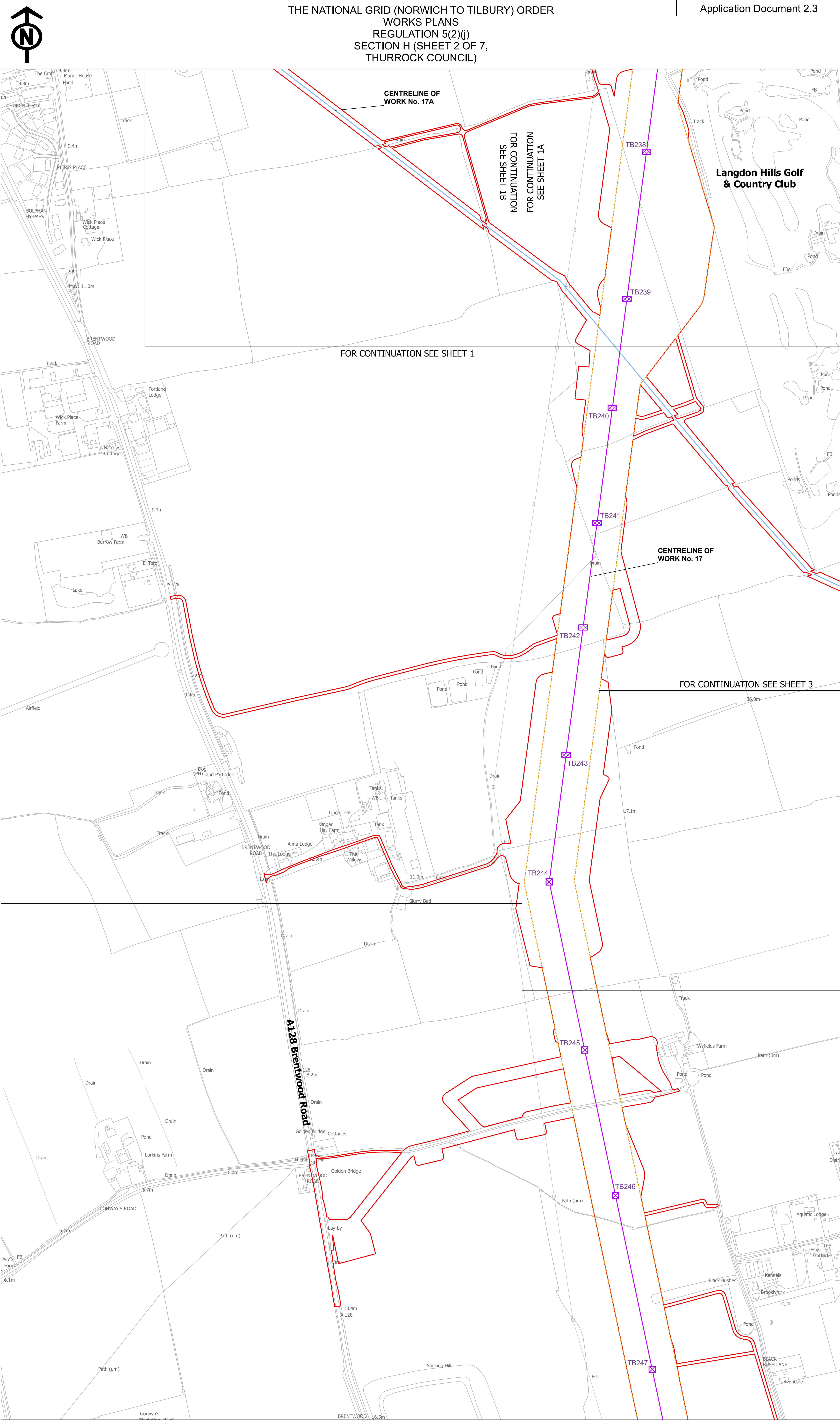
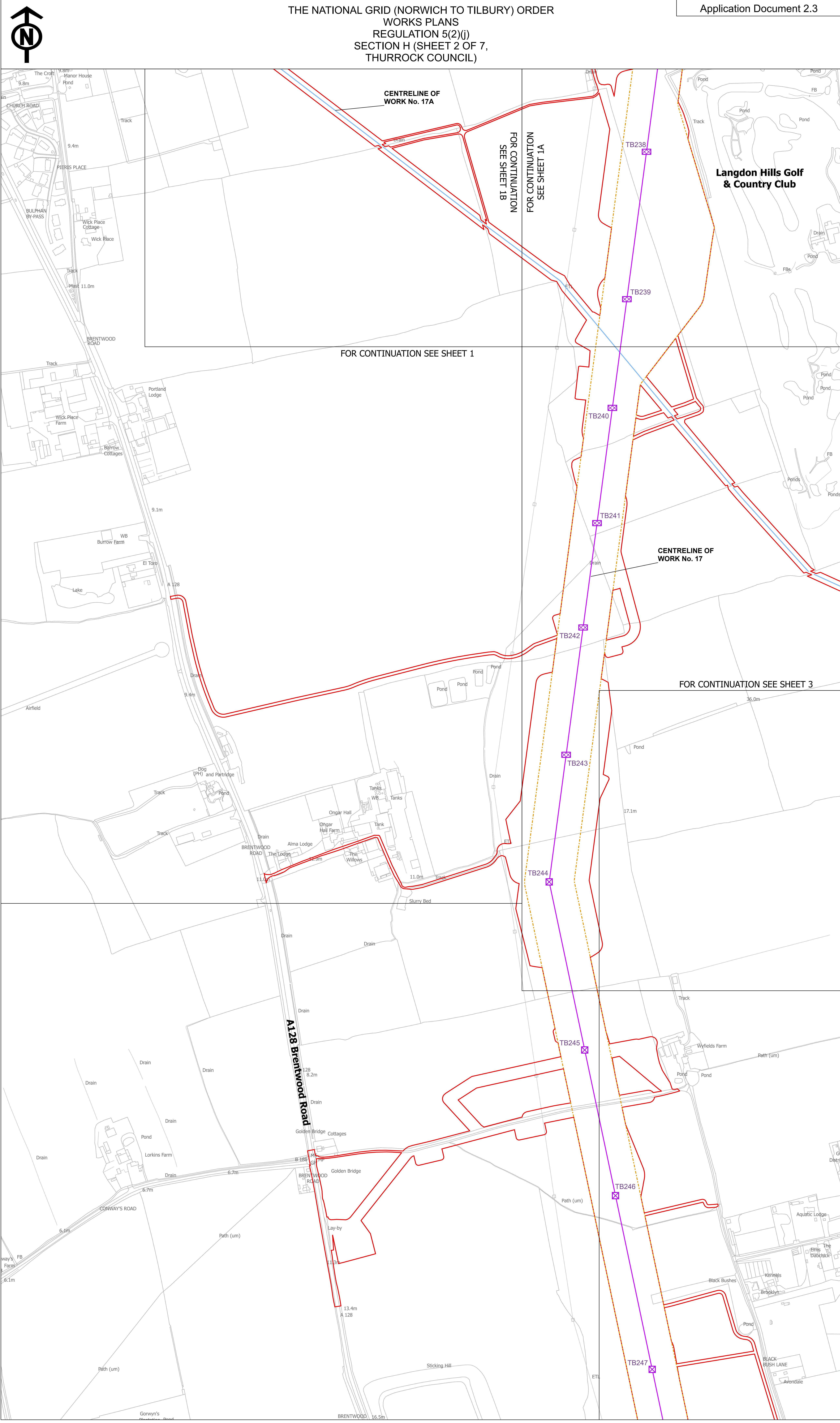
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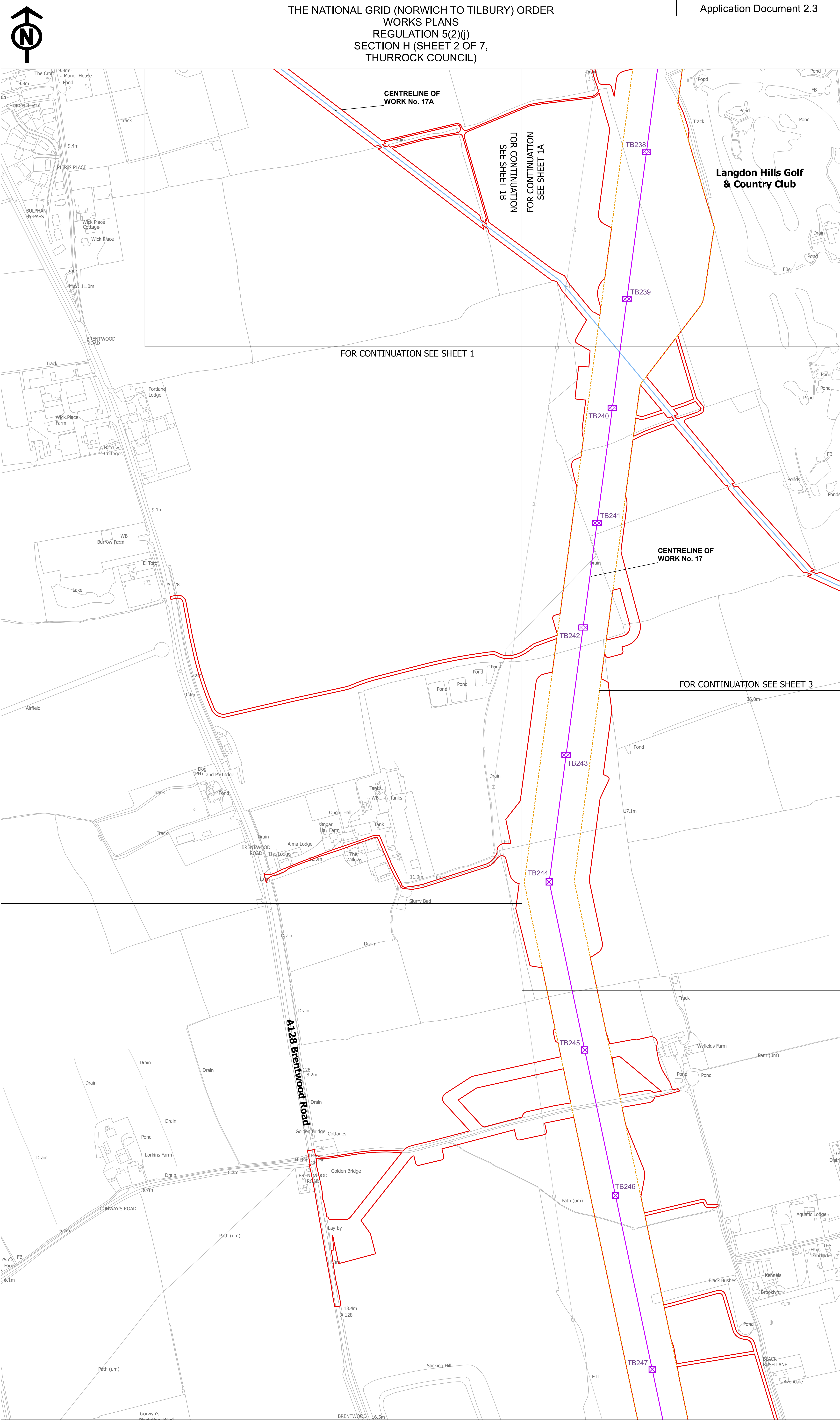
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Scale	Sheet Size	Sheet	Issue
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The drawing is a technical site plan for a road project. It features a main road, A128 Brentwood Road, which runs vertically through the center-left. To the right of the road is the Langdon Hills Golf & Country Club, characterized by numerous ponds and green spaces. Various landmarks and structures are labeled, including 'Wick Place Cottages', 'Burrow Farm', 'Portland Lodge', 'Ongar Hall', 'Alma Lodge', 'The Lodge', 'Golden Bridge Cottages', 'Lay-by', 'Sticking Hill', 'Wyfields Farm', 'Aquatic Lodge', 'Elms Discharge', 'Brooklyn', 'Black Bush Lane', and 'Avondale'. The plan includes several drainage systems indicated by dashed lines and labels like 'Drain' or 'Slurry Bed'. Ponds are shown as irregular shapes, some with labels like 'Pond' or 'FB'. Tracks and paths are also depicted. A series of tie-back points, labeled TB238 through TB247, are marked along the right side of the road. The plan is divided into sections by horizontal lines, with annotations such as 'FOR CONTINUATION SEE SHEET 1', 'FOR CONTINUATION SEE SHEET 1B', and 'FOR CONTINUATION SEE SHEET 3'. Specific work zones are highlighted, with 'CENTRELINE OF WORK No. 17A' and 'CENTRELINE OF WORK No. 17' labeled. A north arrow is positioned in the top left corner.

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

Application Document 2.3

Langdon Hills Golf & Country Club

CENTRELINE OF WORK No. 17A

FOR CONTINUATION SEE SHEET 18

FOR CONTINUATION SEE SHEET 1

FOR CONTINUATION SEE SHEET 3

CENTRELINE OF WORK No. 17

TB238

TB239

TB240

TB241

TB242

TB243

TB244

TB245

TB246

TB247

A128 Brentwood Road

CONWAY'S ROAD

BRENTWOOD ROAD

CHURCH ROAD

POND

TRACK

WICK PLACE

WICK PLACE COTTAGE

WICK PLACE

PORTLAND LODGE

WICK PLACE FARM

BURROW COTTAGES

LAKE

EL TORO

WB BURROW FARM

DOG (PH) AND PARTRIDGE

ONGAR HALL

ONGAR HALL FARM

TANKS

WB

TANKS

TANK

ALMA LODGE

THE LODGE

THE WILLOWS

SLURRY BED

WYFIELDS FARM

BLACK BUSHES

KENNELS

THE DISCOUNT

THE DISCOUNT

BLACK BUSH LANE

AVONDALE

STICKING HILL

GORWYN'S

BRENTWOOD

CONWAY'S ROAD

BRENTWOOD ROAD

CHURCH ROAD

POND

TRACK

WICK PLACE

WICK PLACE COTTAGE

WICK PLACE

PORTLAND LODGE

WICK PLACE FARM

BURROW COTTAGES

LAKE

EL TORO

WB BURROW FARM

DOG (PH) AND PARTRIDGE

ONGAR HALL

ONGAR HALL FARM

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WB

TANKS

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BRENTWOOD ROAD

CHURCH ROAD

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WICK PLACE

WICK PLACE COTTAGE

WICK PLACE

PORTLAND LODGE

WICK PLACE FARM

BURROW COTTAGES

LAKE

EL TORO

WB BURROW FARM

DOG (PH) AND PARTRIDGE

ONGAR HALL

ONGAR HALL FARM

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WB

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BURROW COTTAGES

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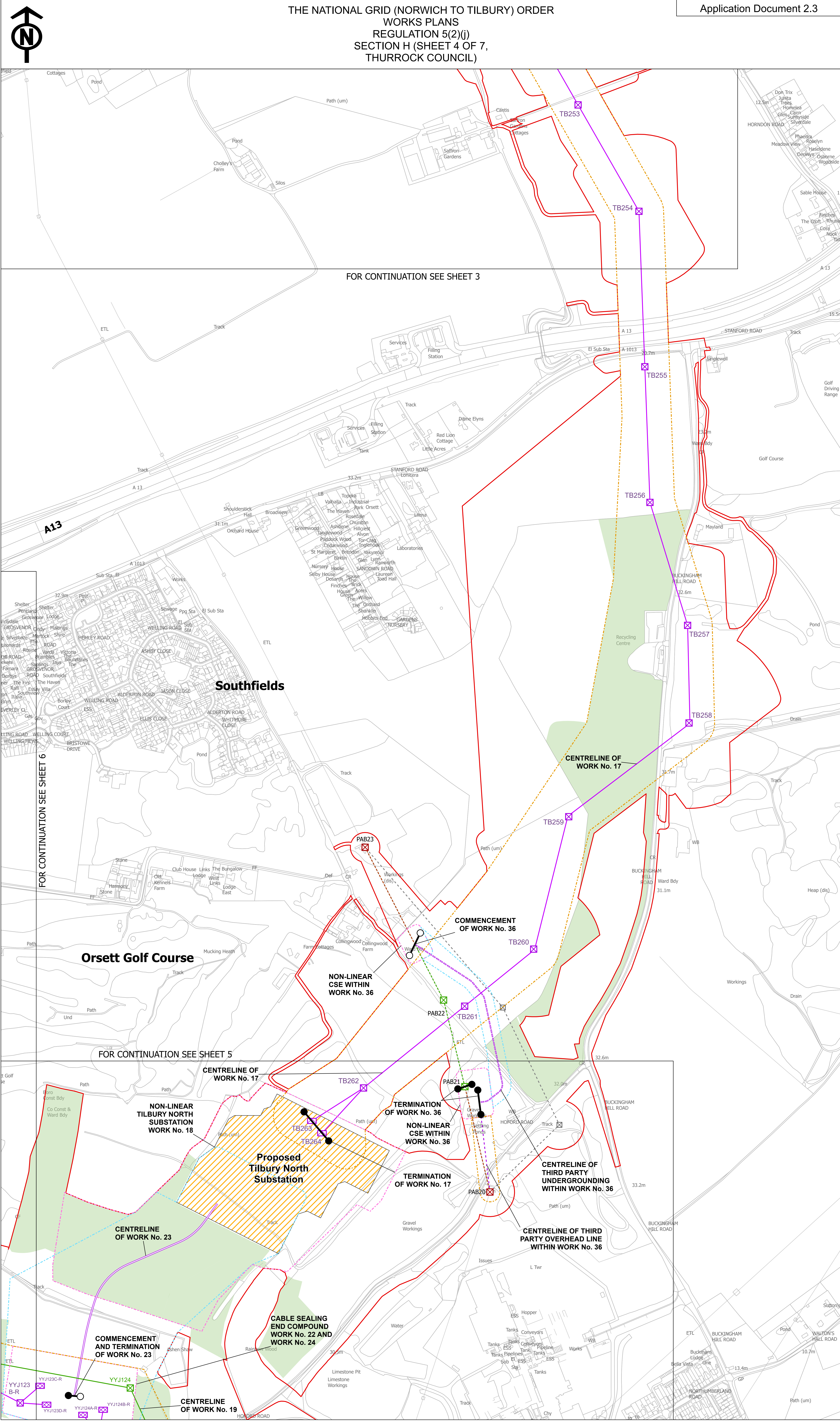
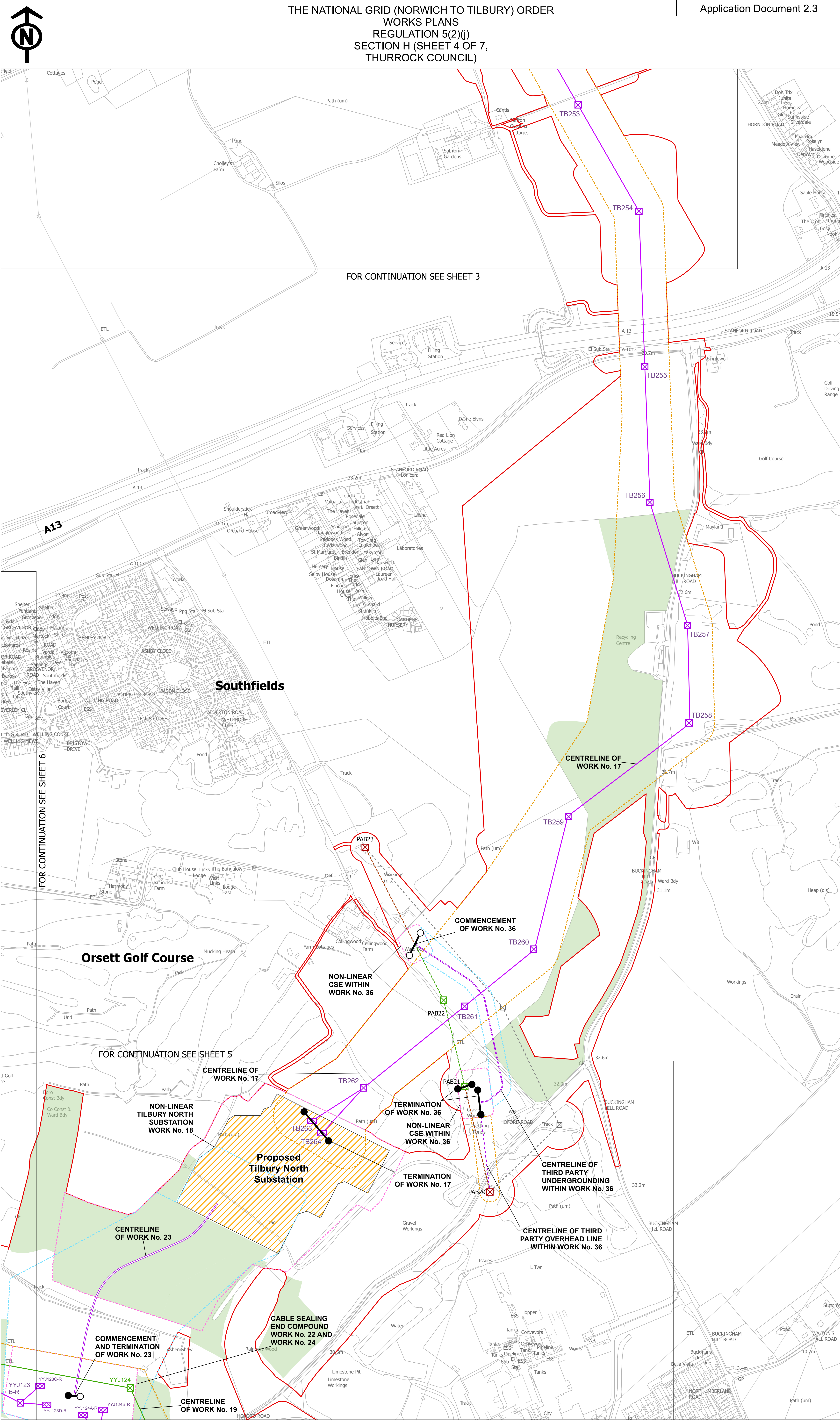
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ALMA LODGE

THE LODGE

THE

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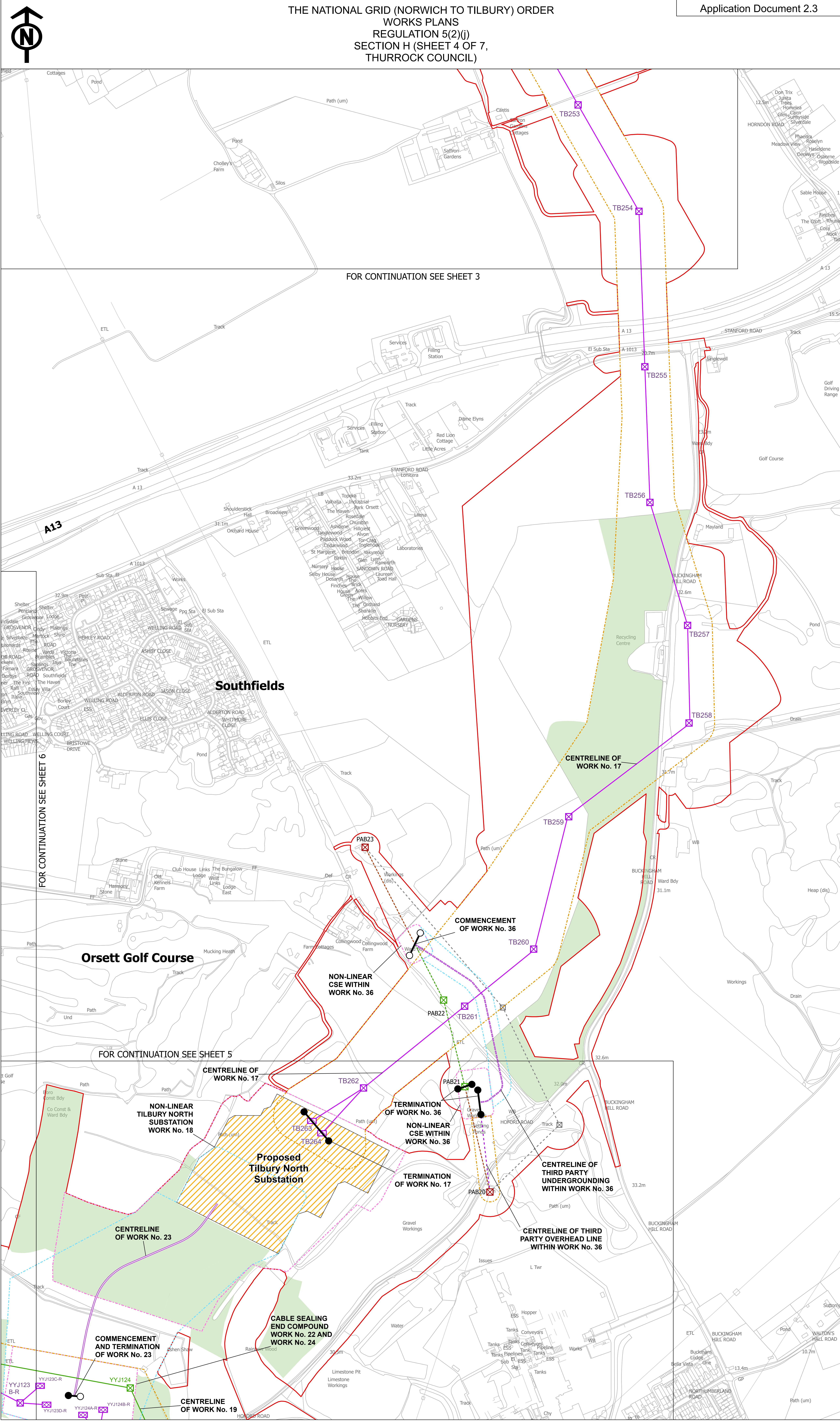
- THE NATIONAL GRID (NORWICH TO TILBURY) ORDER

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Application Document 2.3

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
WORKS PLANS
REGULATION 5(2)(j)
SECTION H (SHEET 4 OF 7,
THURROCK COUNCIL)

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The map displays a section of a power line project, specifically focusing on the area around the Proposed Tilbury North Substation. The substation is highlighted in orange hatching. Various work areas are delineated by colored lines and labels, including 'CENTRELINE OF WORK No. 17', 'CENTRELINE OF WORK No. 18', 'CENTRELINE OF WORK No. 23', and 'CENTRELINE OF WORK No. 19'. The map also shows the 'COMMENCEMENT AND TERMINATION OF WORK No. 23' and 'COMMENCEMENT OF WORK No. 36'. Specific points along the routes are marked with codes such as TB253 through TB264, PAB20 through PAB23, and YYJ123 through YYJ124. The map includes surrounding infrastructure like roads (A13, A1013, BUCKINGHAM HILL ROAD), railways, and local landmarks like Orsett Golf Course and Southfields. A north arrow is present in the top left corner.

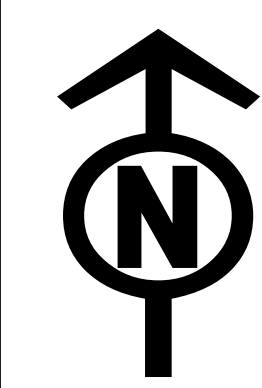
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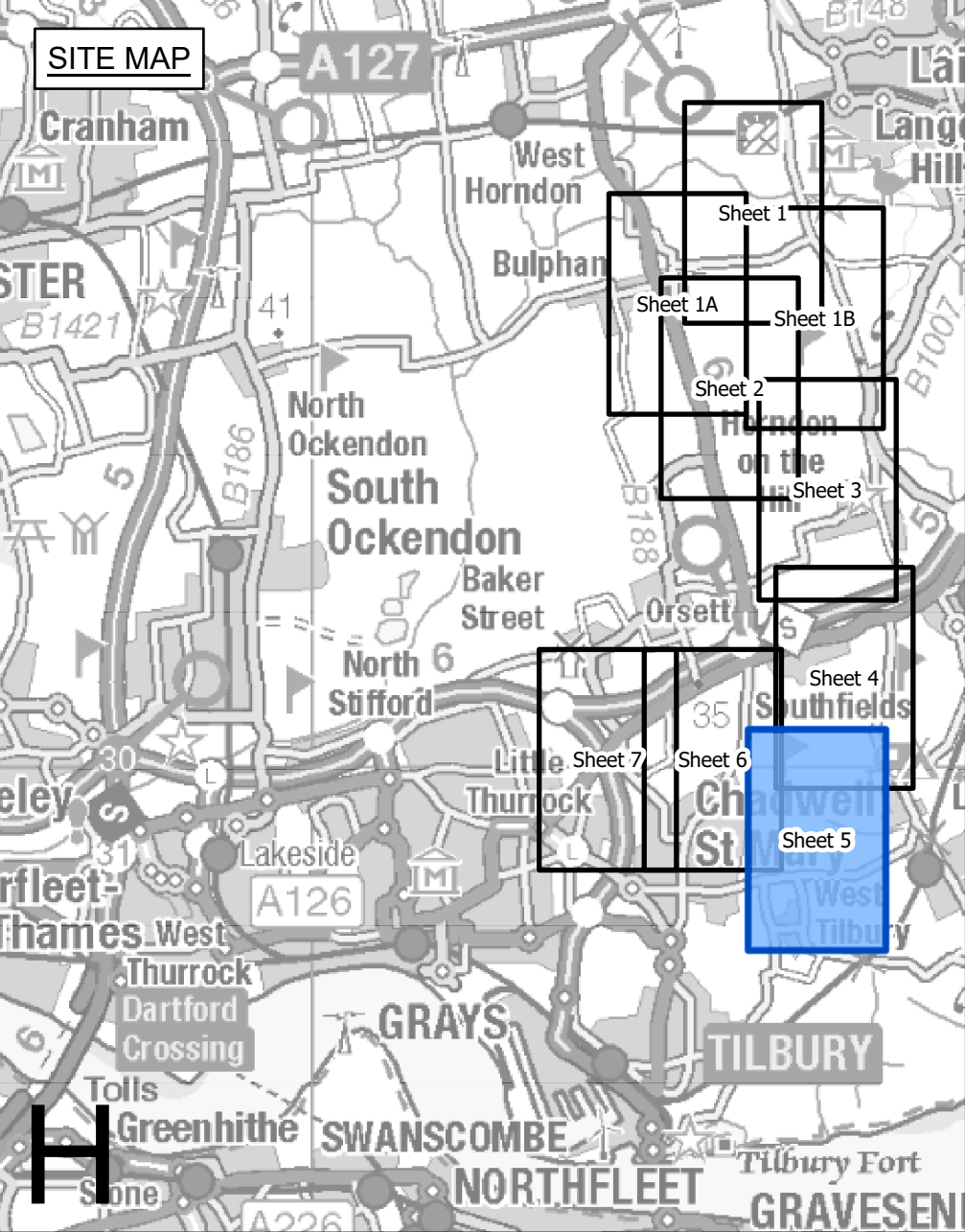
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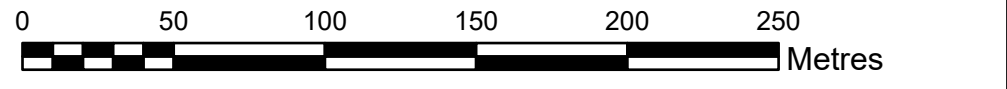
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- Legend**
- Local authority boundary
 - Section boundary & local authority boundary
 - Section boundary
 - Sheet index cutlines
 - Commencement of work
 - Termination of work
 - Termination and commencement of work
 - Order Limits
 - Limits of deviation: overhead lines
 - Limits of deviation: temporary overhead lines
 - 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 low height lattice pylons (not to scale)
 - Proposed pylon removal (not to scale)
 - Proposed pylon modification (not to scale)
 - Proposed temporary pylon (angle structures only) (not to scale)
 - Proposed temporary structure (not to scale)
 - Proposed overhead line
 - Proposed underground cable centreline
 - Proposed removal of overhead line
 - Proposed modification to overhead line
 - Proposed temporary overhead line
 - Third party overhead line to be removed
 - Third party existing overhead line (modified)
 - Third party proposed overhead line
 - Third party temporary overhead line diversion
 - Third party proposed underground cable centreline
 - Proposed substation or proposed substation extension
 - Centreline of Work No. 17a
 - LTC Compensatory Habitat Works (Work No. 20)

- 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: 566256 Sheet Y Centroid Coordinate: 179075



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Issue	Date	Remarks	Drawn	Checked	Approved

Title

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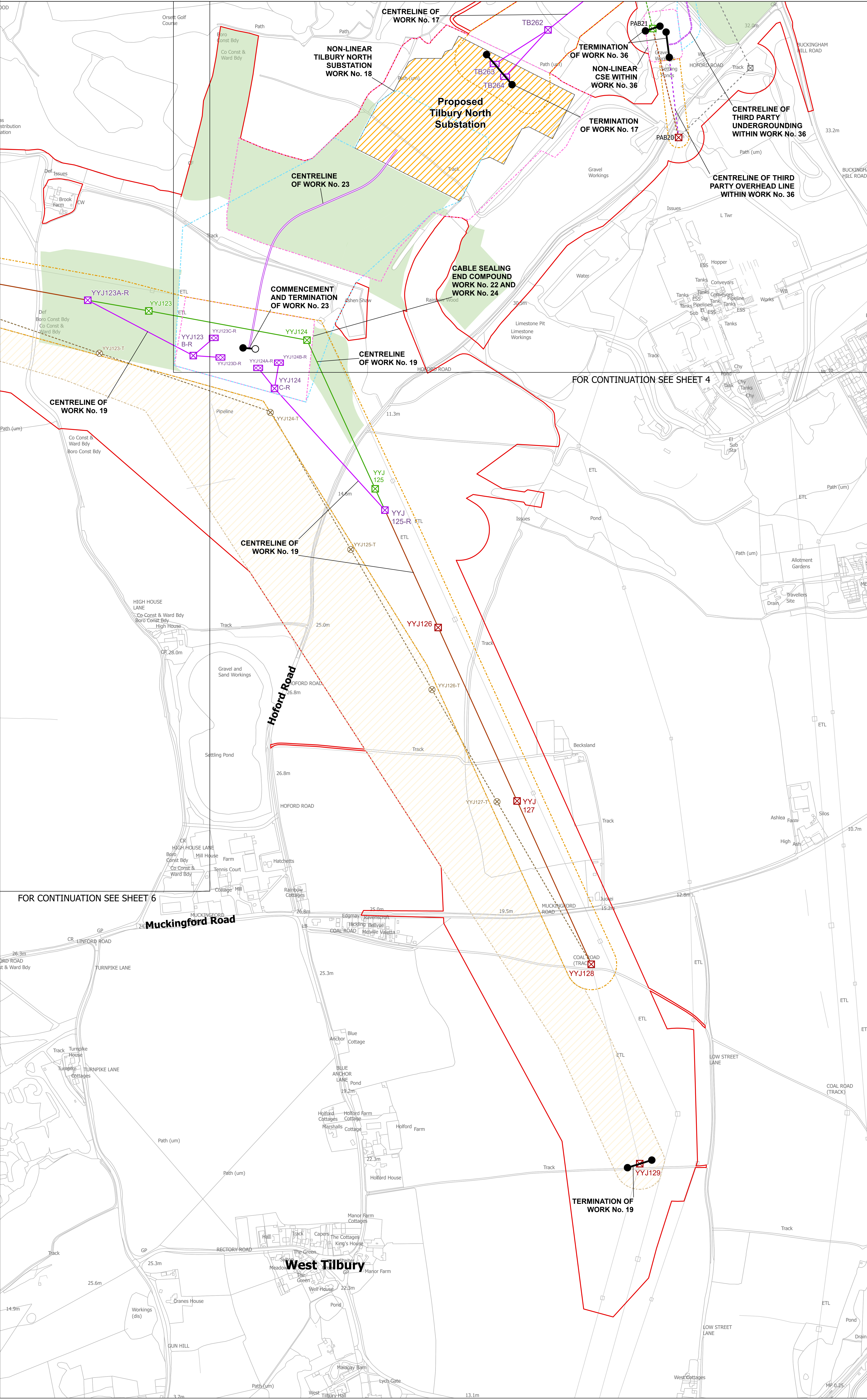
PINS Application Number

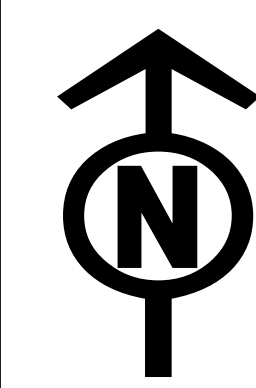
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National Grid Drawing Reference

AENC-LSTC-ENG-DWG-0003

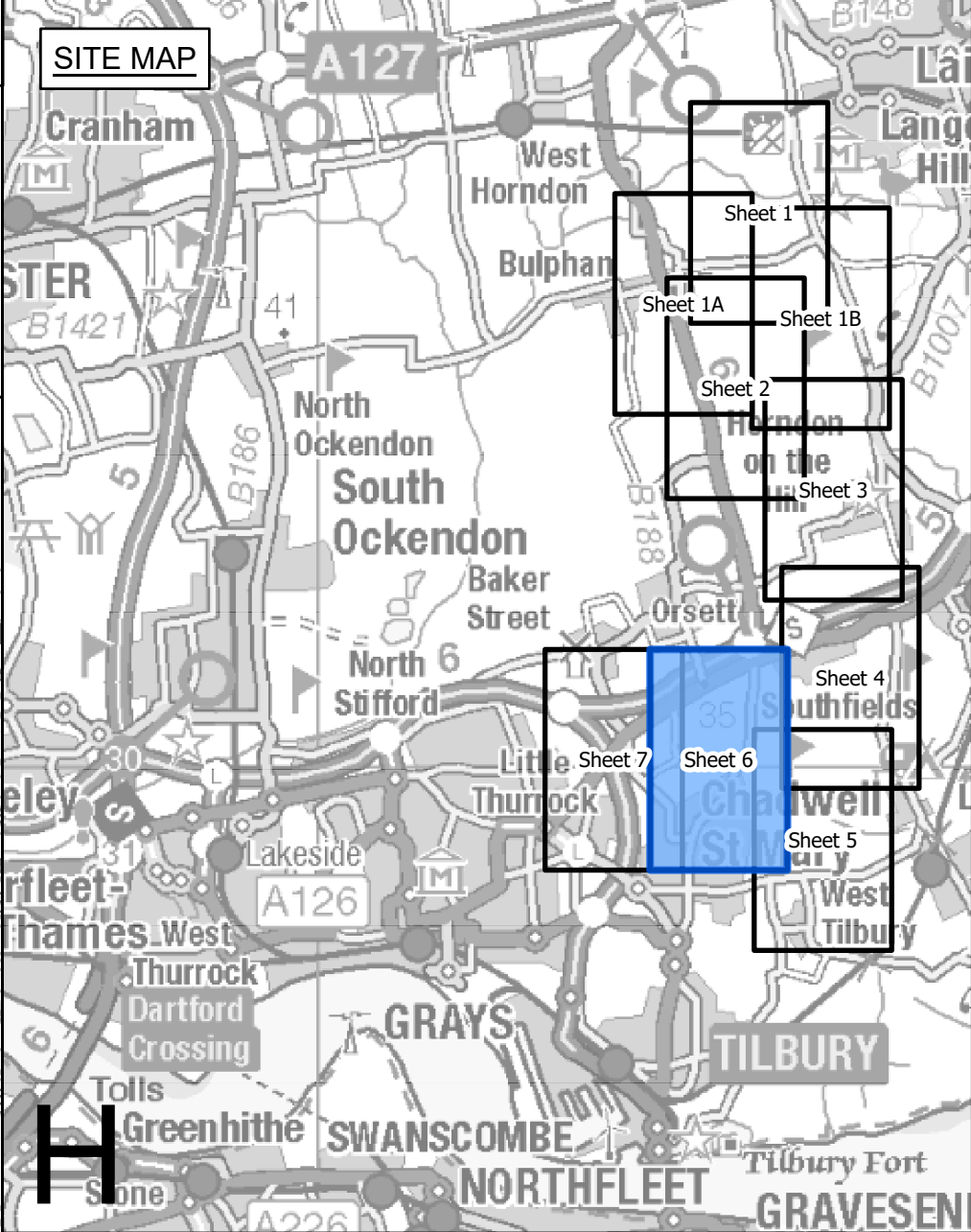
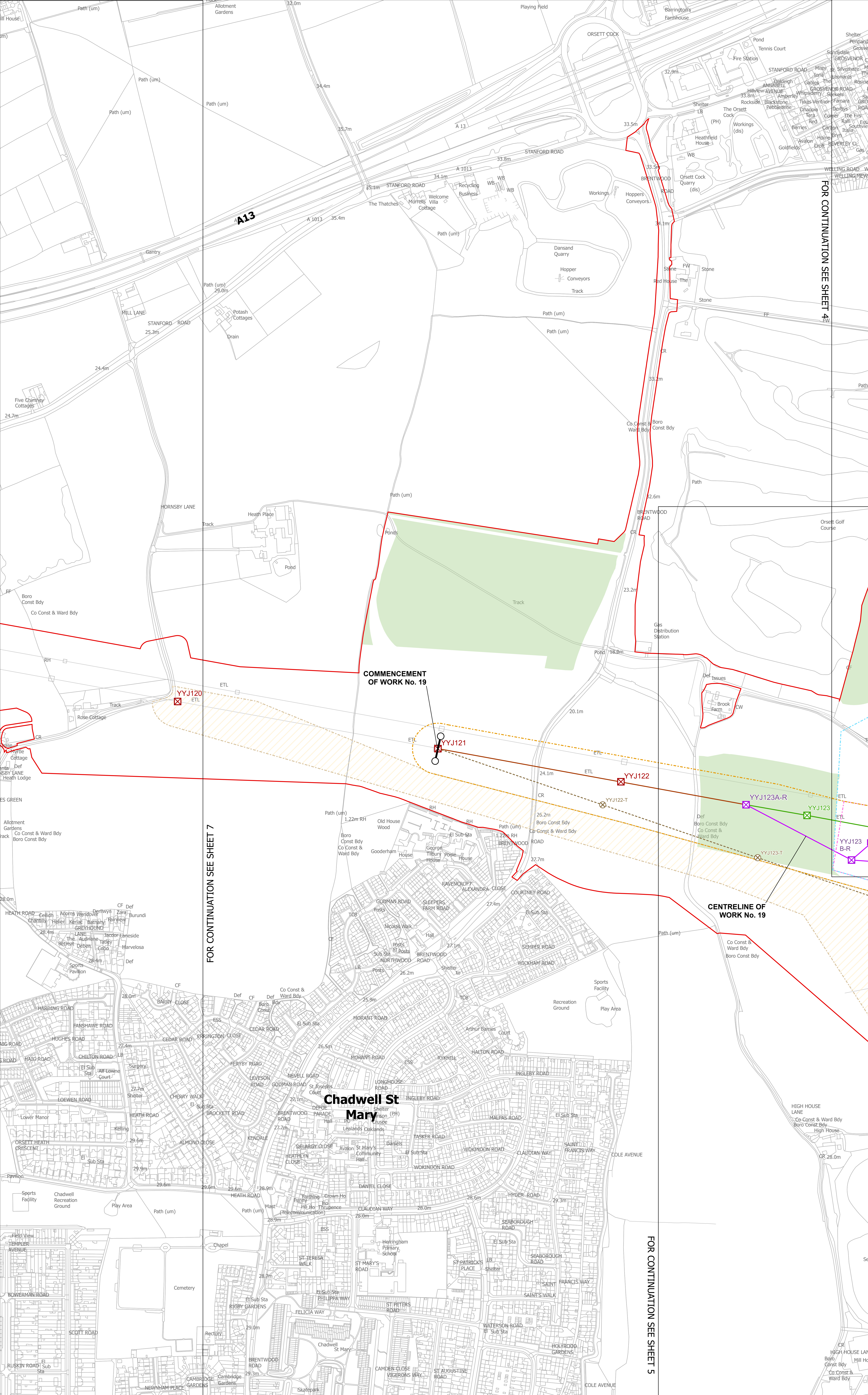
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- Legend**
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 564983 Sheet Y Centroid Coordinate: 180069

0 50 100 150 200 250 Metres

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nationalgrid

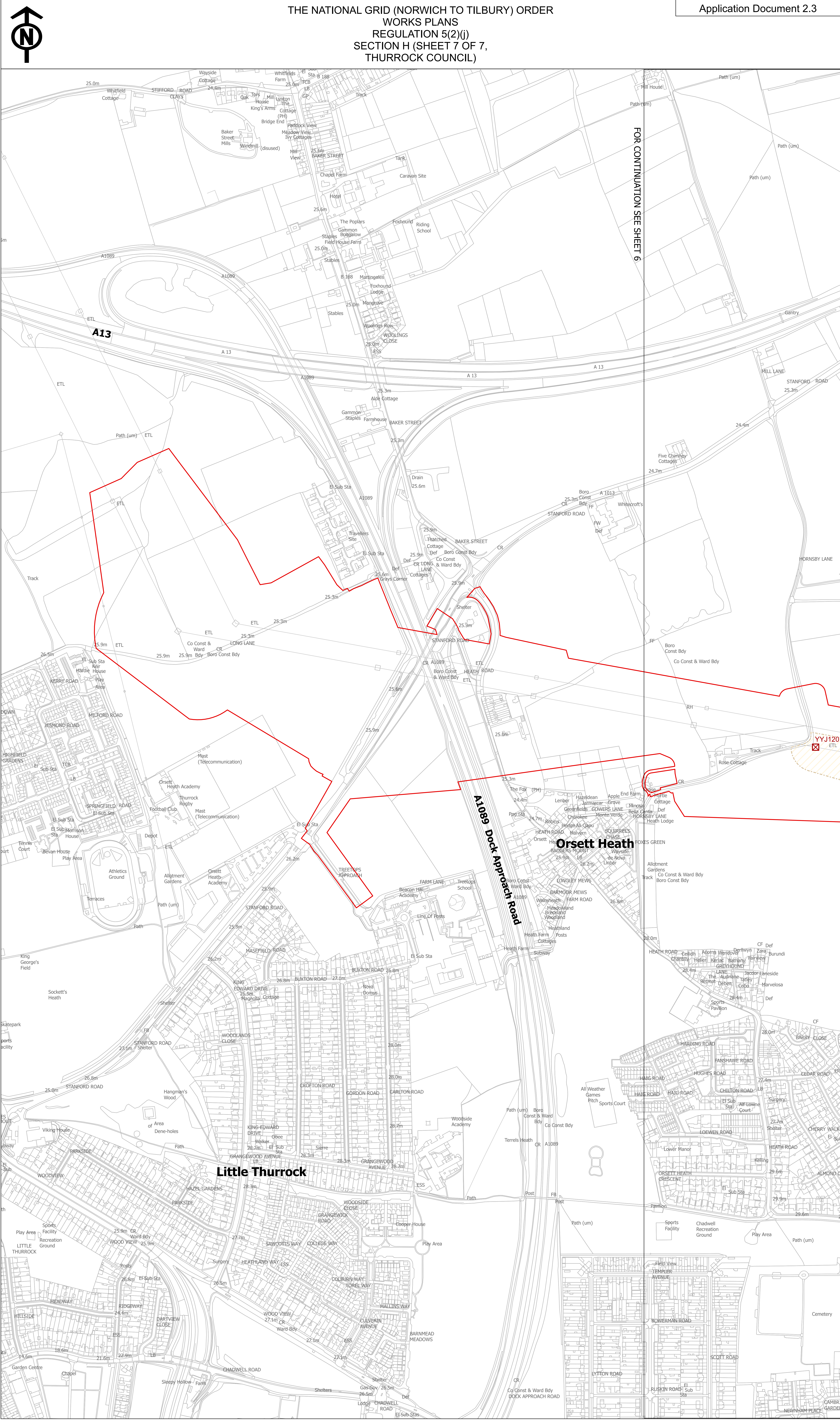
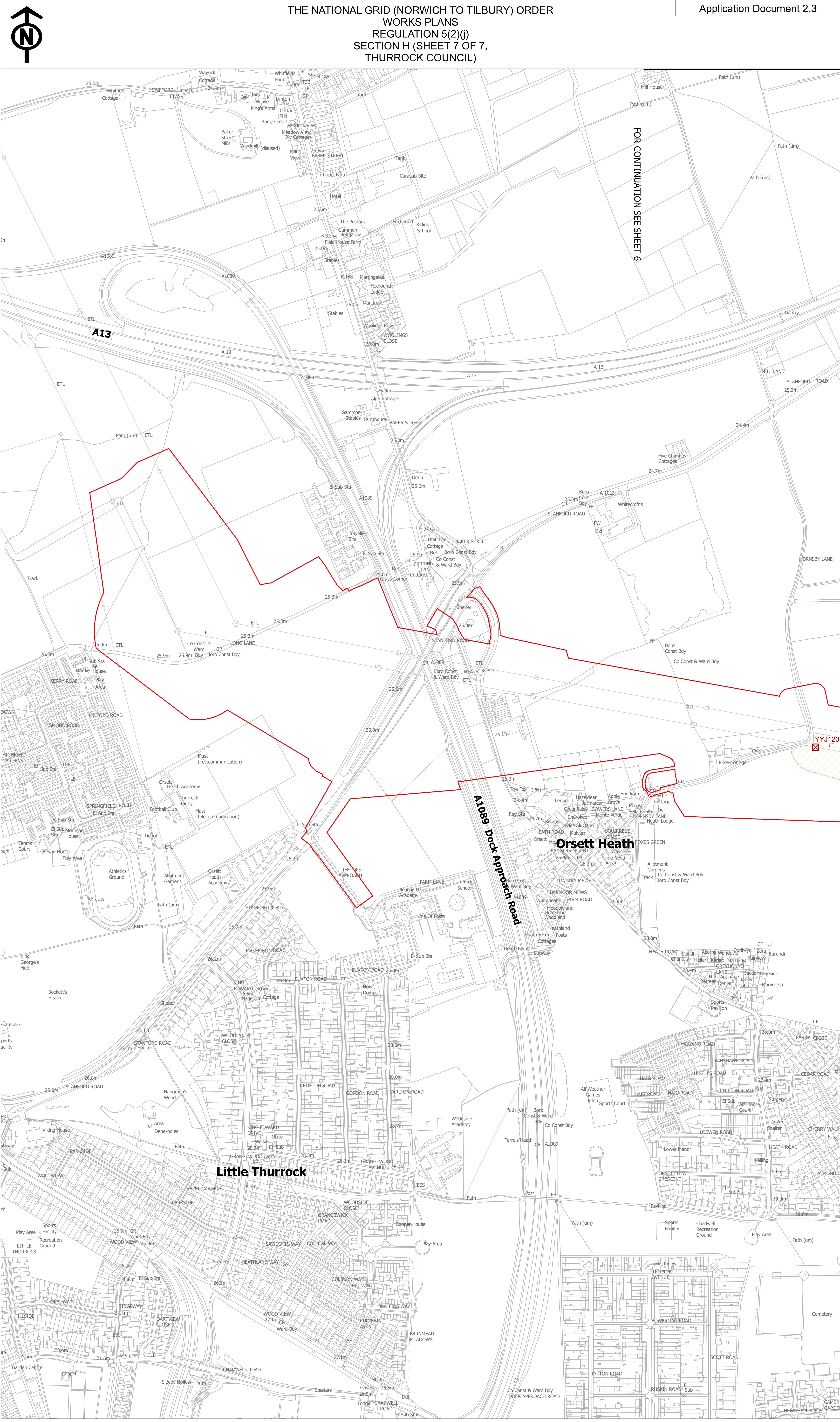
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EN020027

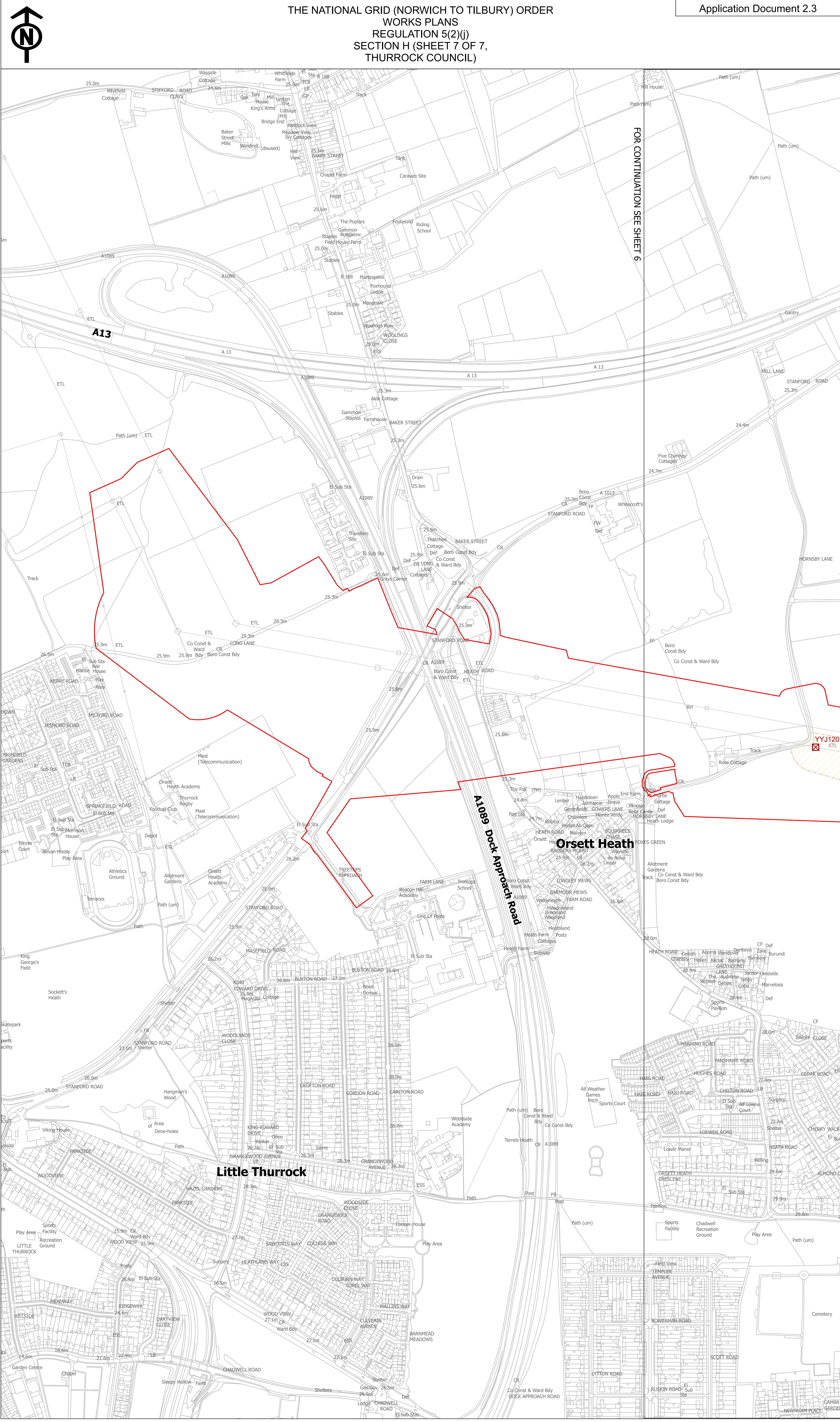
National Grid Drawing Reference

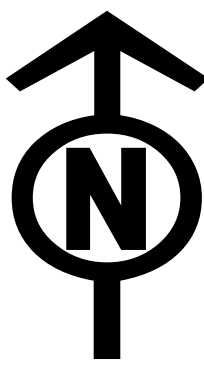
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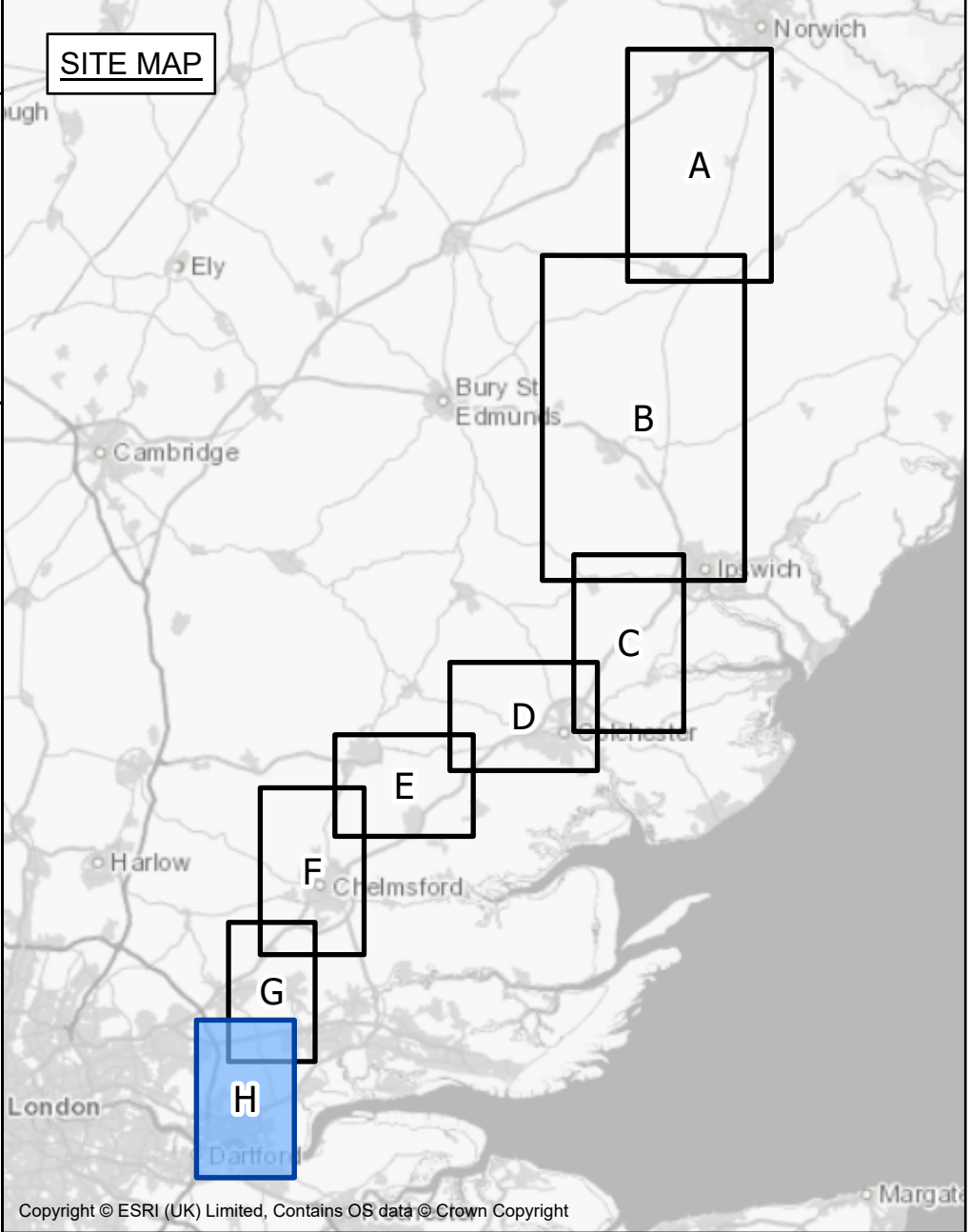
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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TABLE OF PARAMETERS - SECTION H (SHEET 1 OF 1,
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

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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

Notes

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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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PINS Application Number
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Scale	Sheet Size	Sheet	Issue
N/A	A0	SHEET 1 OF 1	C

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