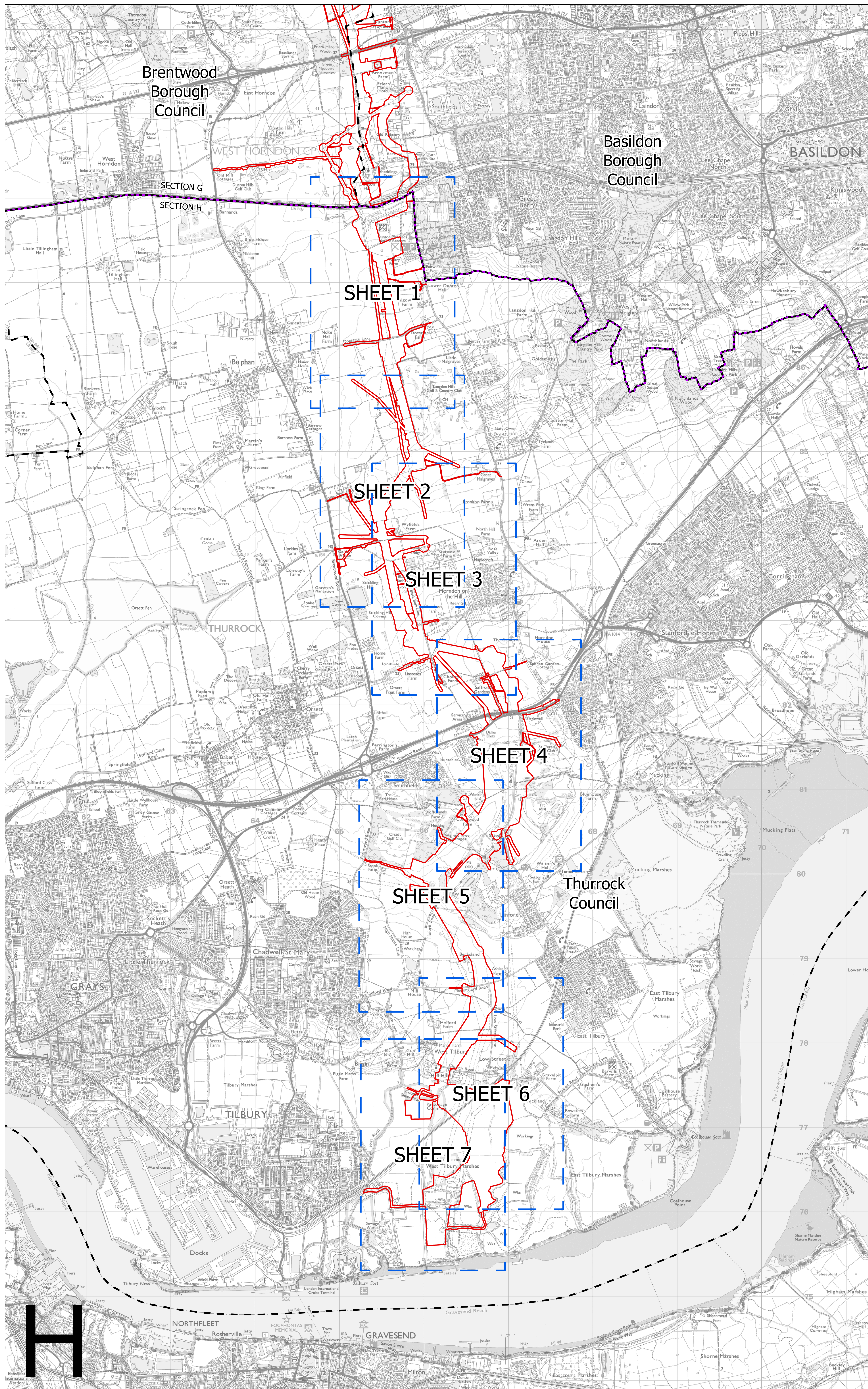
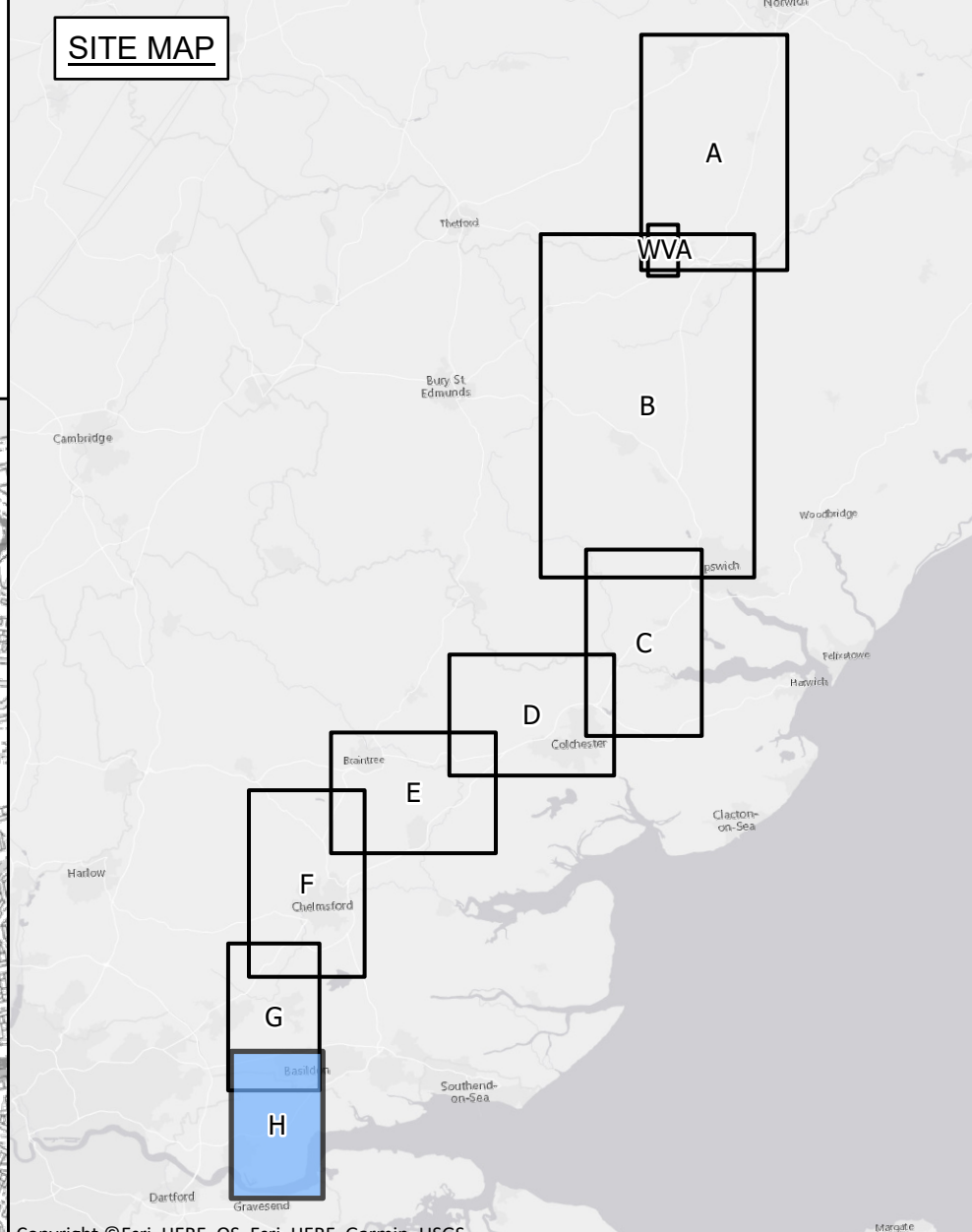


NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS KEY PLAN  
SECTION H (SHEET 1 OF 1,  
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)

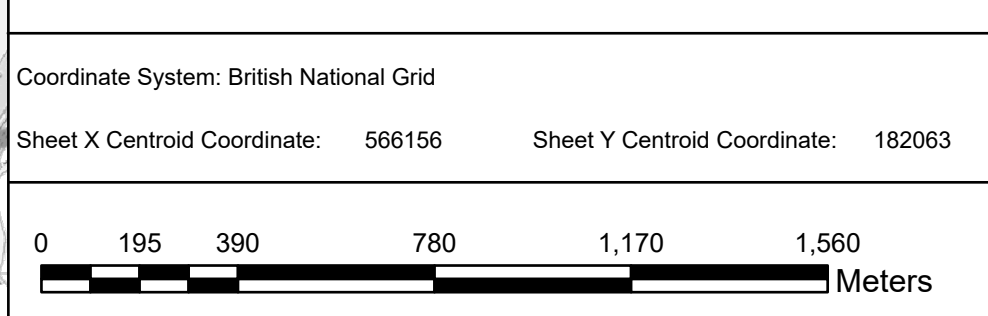


- Legend**
- Section boundary
  - - - Local authority boundary
  - Section boundary and local authority boundary
  - Sheet index
  - Proposed project design details
  - Draft order limits

**Notes**

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.

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Issue	Date	Remarks	Drawn	Checked	Approved
A	APRIL 2024	FOR STATUTORY CONSULTATION	JAL	AF	KB

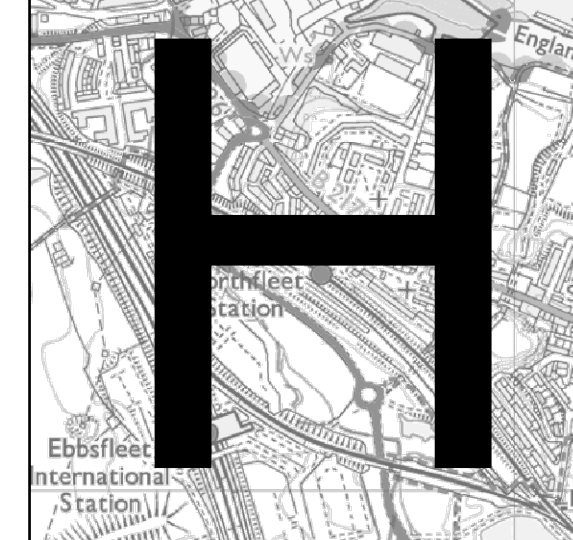
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NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS KEY PLAN  
SECTION H (SHEET 1 OF 1,  
BRENTWOOD BOROUGH COUNCIL,  
BASILDON BOROUGH COUNCIL  
AND THURROCK COUNCIL)

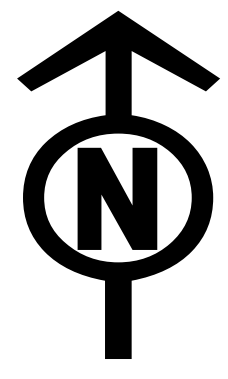
**National Grid Drawing Reference**

AENC-NG-ENG-PLN-0017

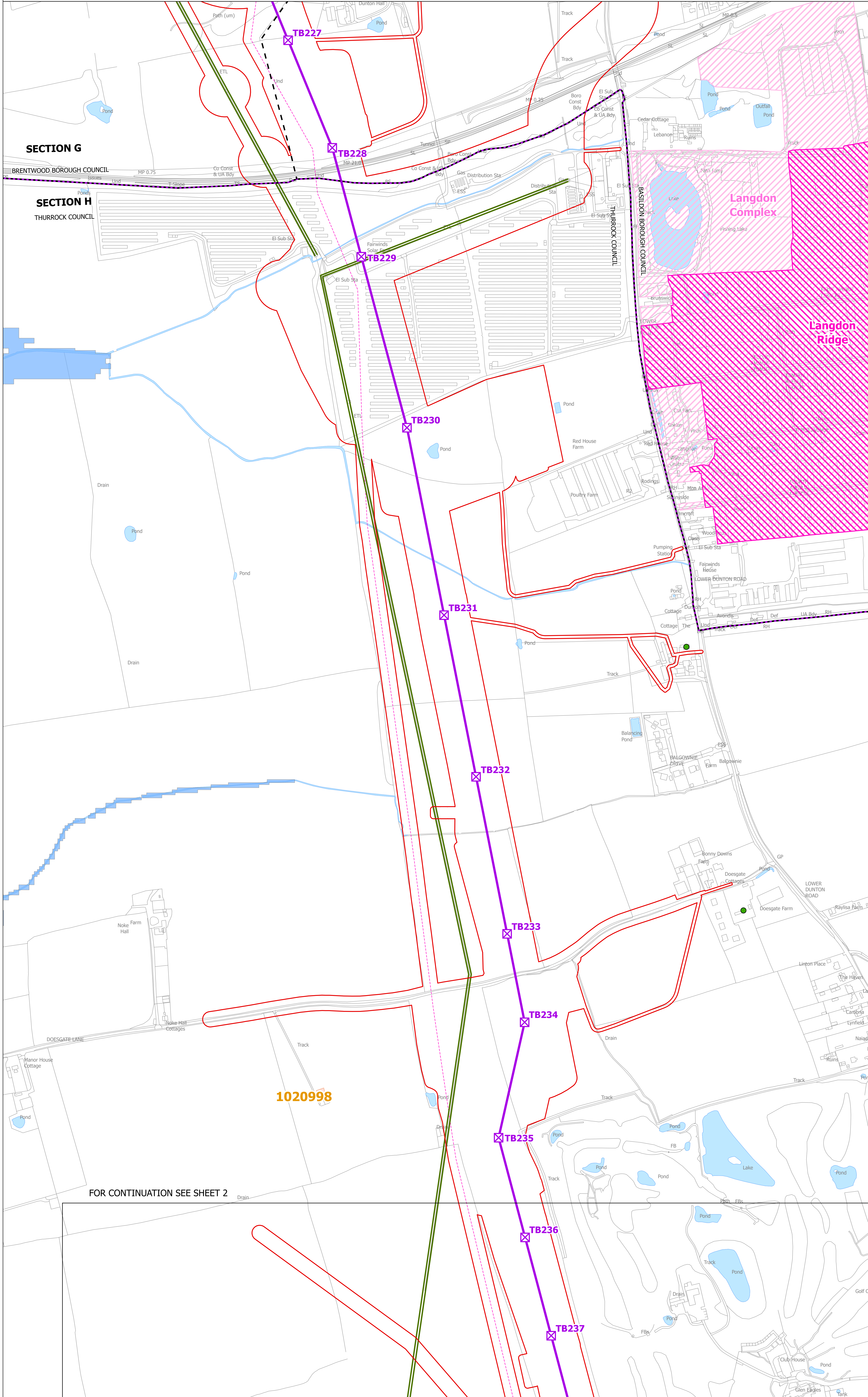
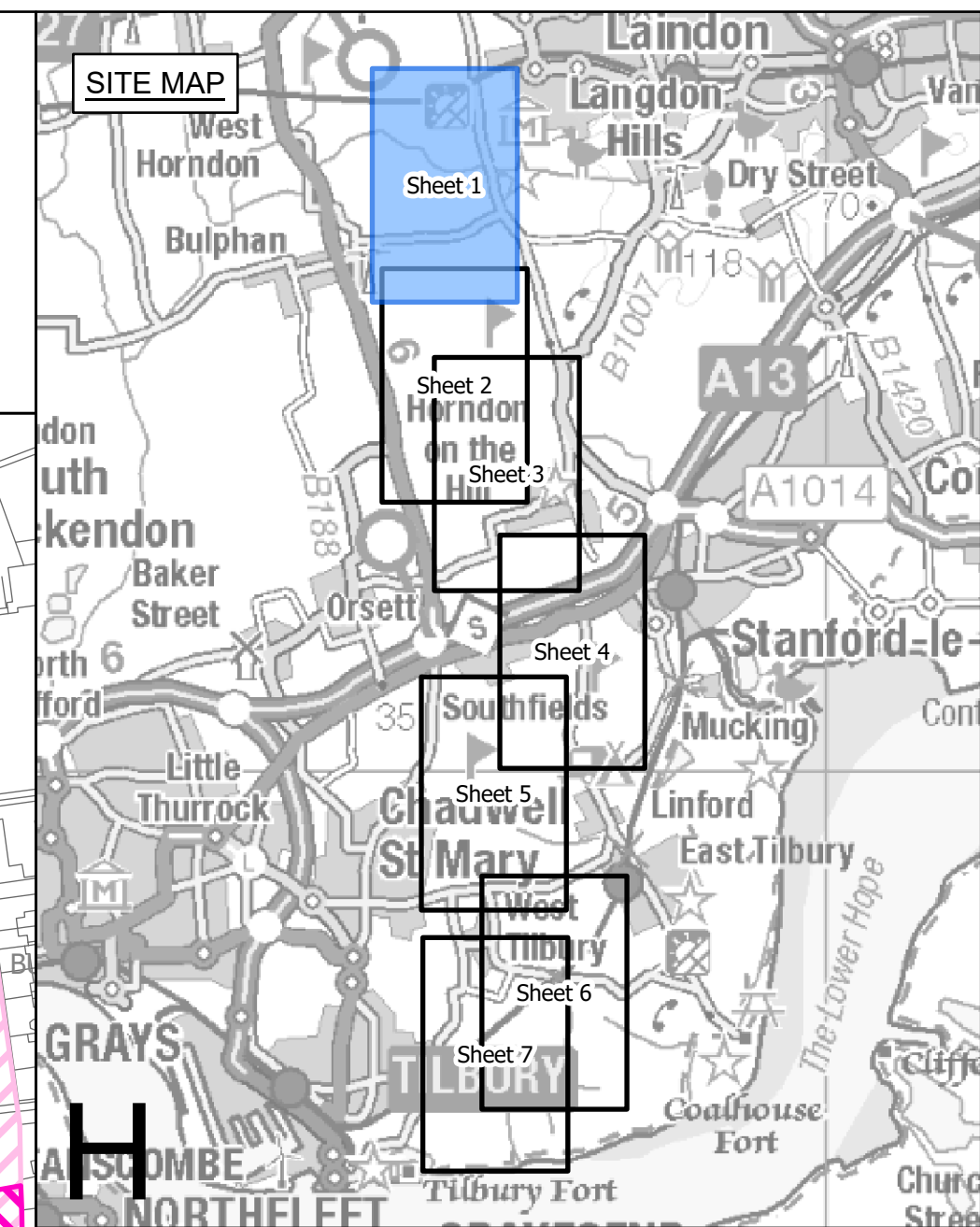
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1:15,000	A0	SHEET 1 OF 1	A







NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 1 OF 7,  
BRENTWOOD BOROUGH COUNCIL, BASILDON BOROUGH COUNCIL AND THURROCK COUNCIL)



SECTION G

SECTION H  
THURROCK COUNCIL

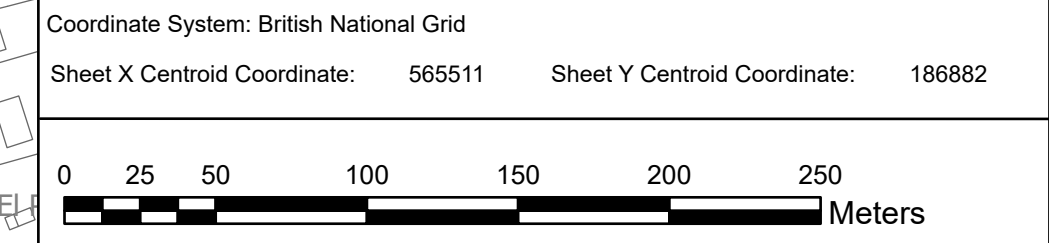
- Legend**
- Local authority boundary
  - Section boundary and local authority boundary
  - Sheet index cutlines
- Proposed project design details**
- Draft order limits
  - New lattice pylon
  - New full line tension gantry
  - New overhead line
  - New underground cable swathe centreline
  - New underground cable swathe
  - Cable sealing end compound boundary
  - Existing substation boundary
- Environmental constraints**
- Listed buildings
- Grade I
  - Grade II
  - Grade II\*
  - Scheduled monument (with accompanying list entry number)
  - Conservation areas
  - Countryside and Rights of Way Open Access Land
  - Special Areas of Conservation
  - Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
  - Ancient woodland
  - County / local wildlife sites
  - Flood zone 3
- Existing utilities**
- National Grid 275/400kV overhead line
  - UKPN 132kV overhead line
  - National Grid underground cable
  - National Grid Gas Pipeline

**Notes**

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The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Issue	Date	Remarks	Drawn	Checked	Approved
A	APRIL 2024 FOR STATUTORY CONSULTATION		JAL	AF	KB

**Title**

NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 1 OF 7,  
BRENTWOOD BOROUGH COUNCIL,  
BASILDON BOROUGH COUNCIL  
AND THURROCK COUNCIL)

**nationalgrid**

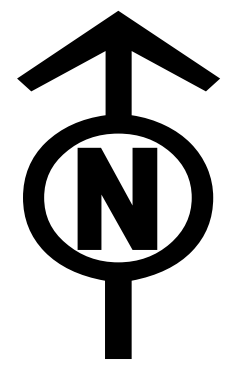
**National Grid Drawing Reference**

AENC-NG-ENG-PLN-0017

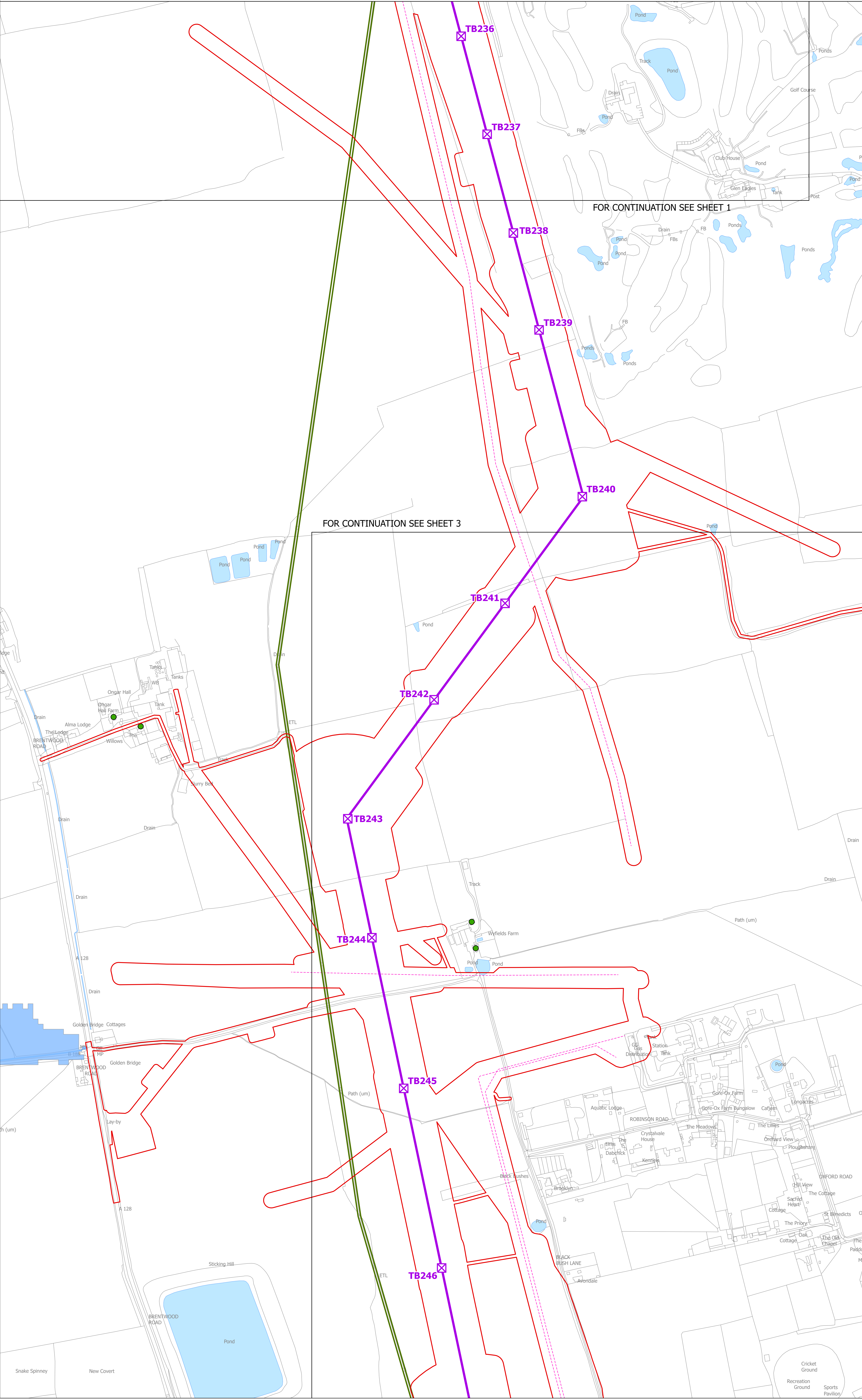
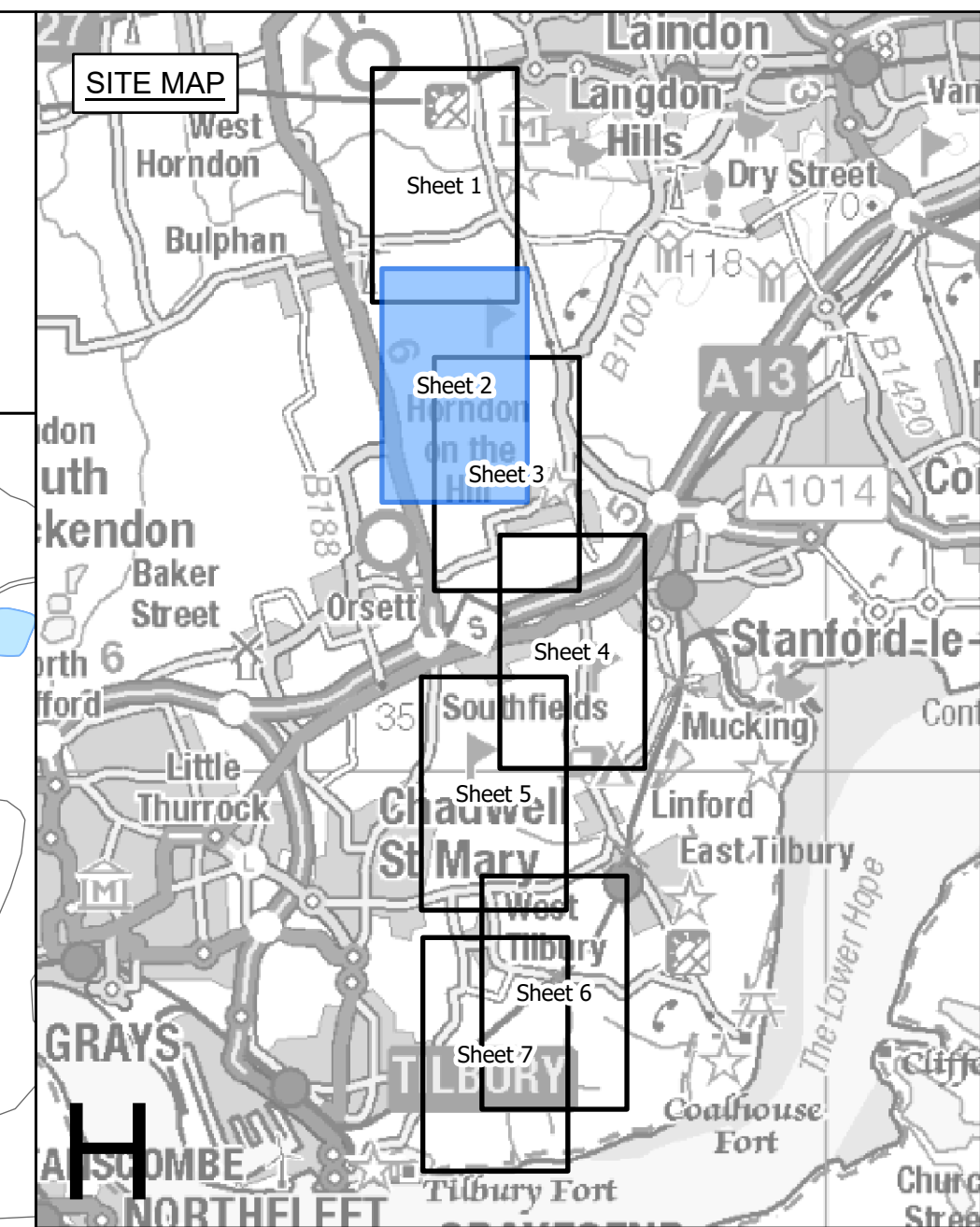
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FOR CONTINUATION SEE SHEET 2





NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 2 OF 7,  
THURROCK COUNCIL)



FOR CONTINUATION SEE SHEET 1

FOR CONTINUATION SEE SHEET 3

**Legend**

- Local authority boundary
- Section boundary and local authority boundary
- Sheet index outlines

**Proposed project design details**

- Red outline: Draft order limits
- Purple square with X: New lattice pylon
- Purple square with X: New full line tension gantry
- Purple line: New overhead line
- Purple dashed line: New underground cable swathe centreline
- Purple dotted line: New underground cable swathe
- Yellow rectangle: Cable sealing end compound boundary
- Purple rectangle: Existing substation boundary

**Environmental constraints**

Listed buildings

- Red circle: Grade I
- Green circle: Grade II
- Yellow circle: Grade II\*
- Orange rectangle: Scheduled monument (with accompanying list entry number)
- Green rectangle: Countryside and Rights of Way Open Access Land
- Blue rectangle: Special Areas of Conservation
- Pink rectangle: Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
- Light green rectangle: Ancient woodland
- Pink rectangle: County / local wildlife sites
- Blue rectangle: Flood zone 3

**Existing utilities**

- Blue line: National Grid 275/400kV overhead line
- Green line: UKPN 132kV overhead line
- Light green line: National Grid underground cable
- Pink dashed line: National Grid Gas Pipeline

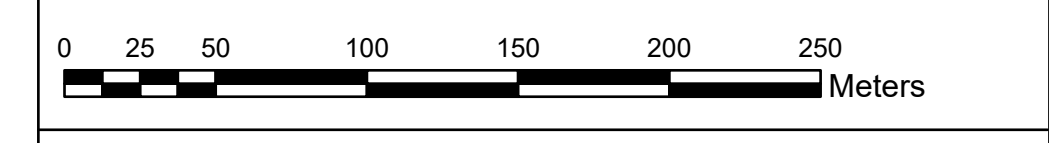
**Notes**

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Coordinate System: British National Grid  
Sheet X Centroid Coordinate: 565627 Sheet Y Centroid Coordinate: 184531



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A	APRIL 2024 FOR STATUTORY CONSULTATION	JAL	AF	KB	
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 2 OF 7,  
THURROCK COUNCIL)

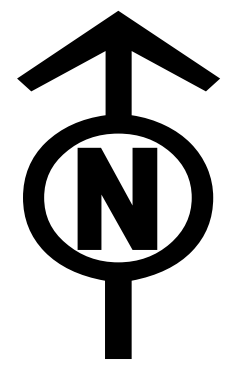


**National Grid Drawing Reference**

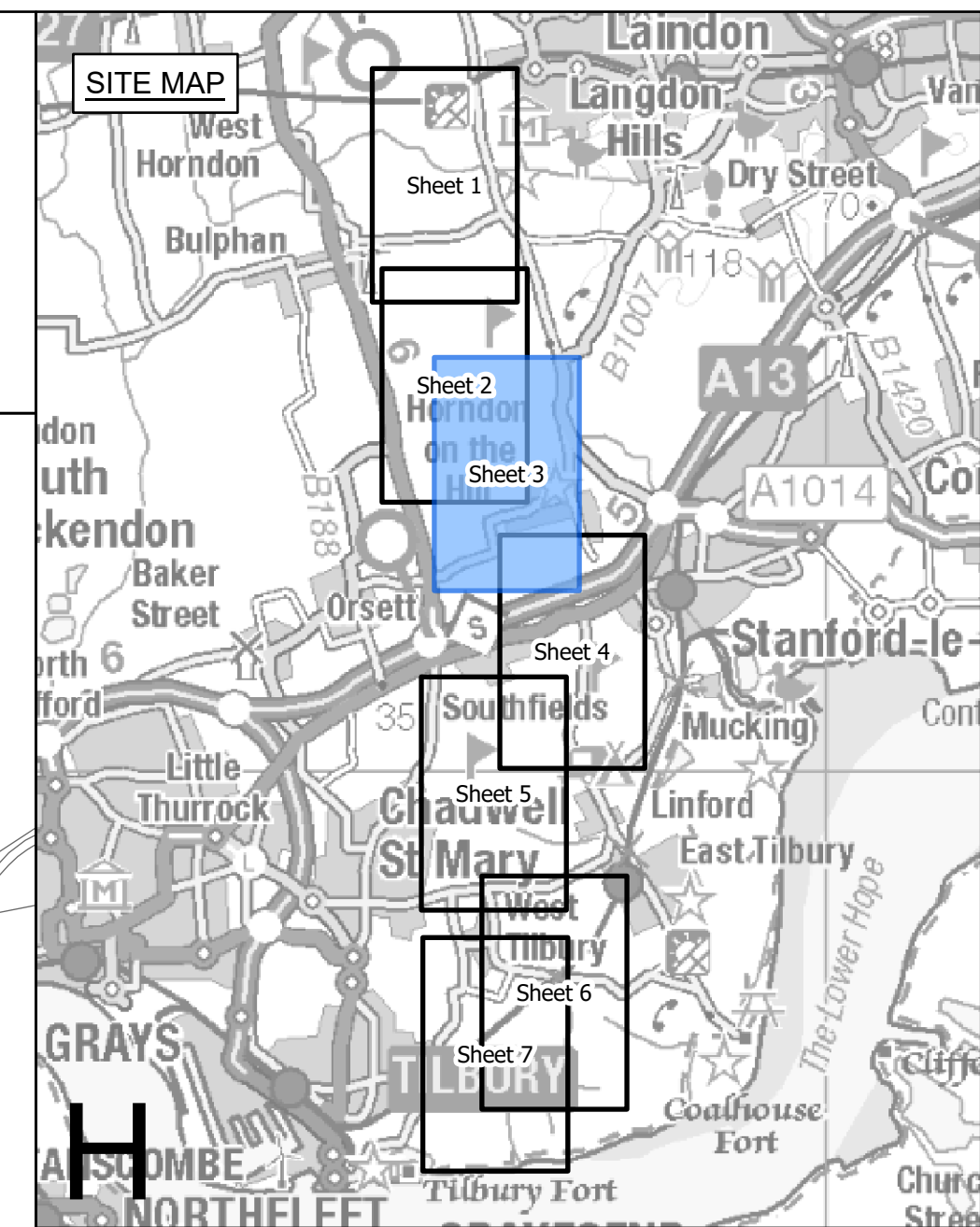
AENC-NG-ENG-PLN-0017

Scale	Sheet Size	Sheet	Issue
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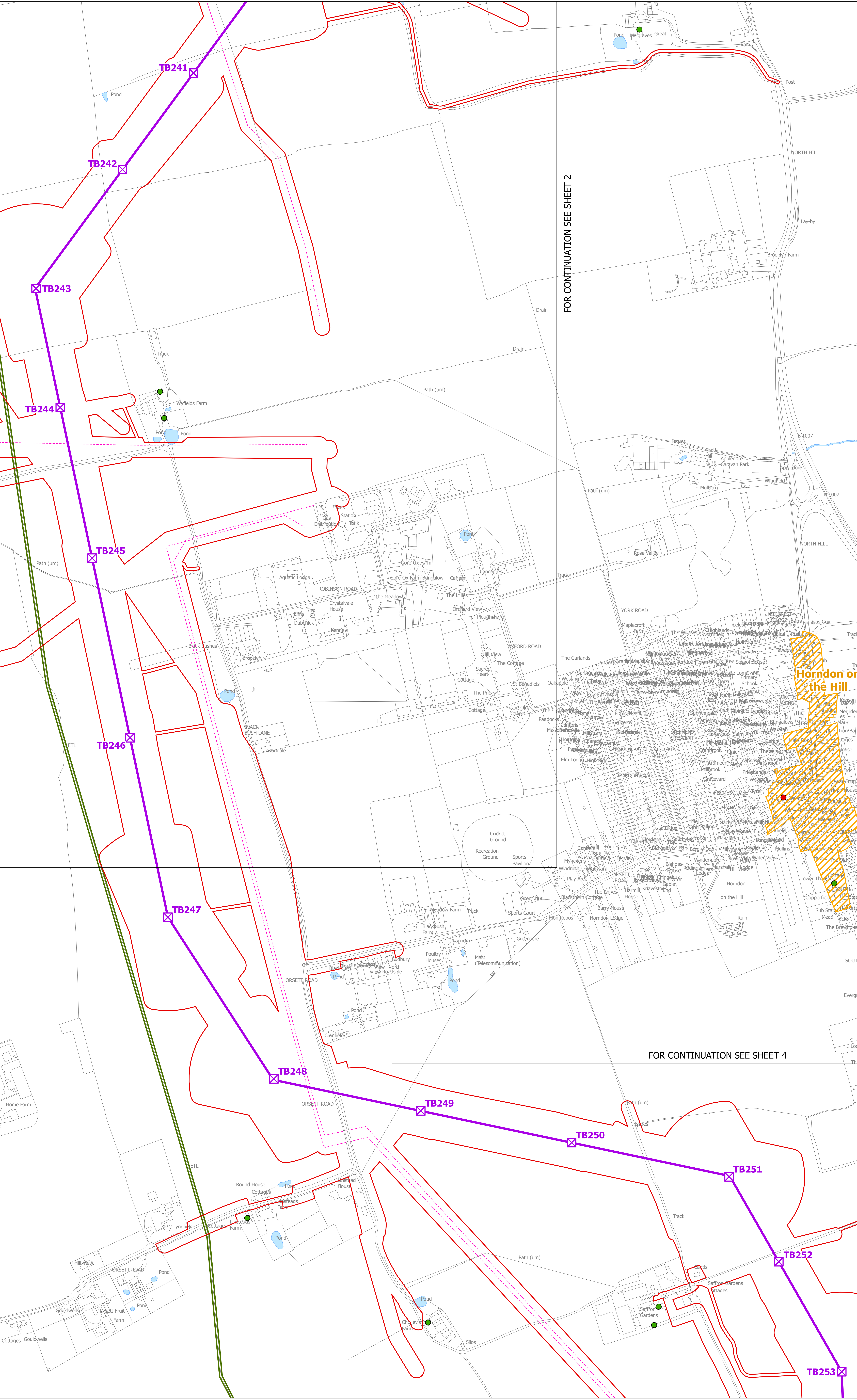




NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 3 OF 7,  
THURROCK COUNCIL)



- Legend**
- Local authority boundary
  - Section boundary and local authority boundary
  - Sheet index outlines
- Proposed project design details**
- Red outline: Draft order limits
  - Purple square with X: New lattice pylon
  - Purple line: New full line tension gantry
  - Purple line: New overhead line
  - Purple dashed line: New underground cable swathe centreline
  - Purple dotted line: New underground cable swathe
  - Yellow outline: Cable sealing end compound boundary
  - Purple outline: Existing substation boundary
- Environmental constraints**
- Listed buildings
- Red circle: Grade I
  - Green circle: Grade II
  - Orange circle: Grade II\*
  - Orange square: Scheduled monument (with accompanying list entry number)
  - Orange diagonal lines: Conservation areas
  - Green diagonal lines: Countryside and Rights of Way Open Access Land
  - Blue diagonal lines: Special Areas of Conservation
  - Pink diagonal lines: Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
  - Green diagonal lines: Ancient woodland
  - Pink diagonal lines: County / local wildlife sites
  - Blue diagonal lines: Flood zone 3
- Existing utilities**
- Blue line: National Grid 275/400kV overhead line
  - Green line: UKPN 132kV overhead line
  - Black line: National Grid underground cable
  - Pink dashed line: National Grid Gas Pipeline



FOR CONTINUATION SEE SHEET 2

FOR CONTINUATION SEE SHEET 4

**Notes**

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The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Coordinate System: British National Grid  
Sheet X Centroid Coordinate: 596240 Sheet Y Centroid Coordinate: 183490



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A	Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 3 OF 7,  
THURROCK COUNCIL)

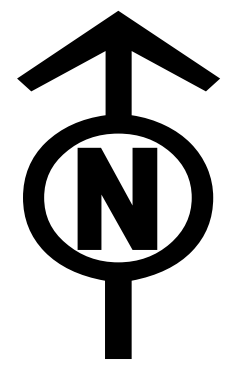


**National Grid Drawing Reference**

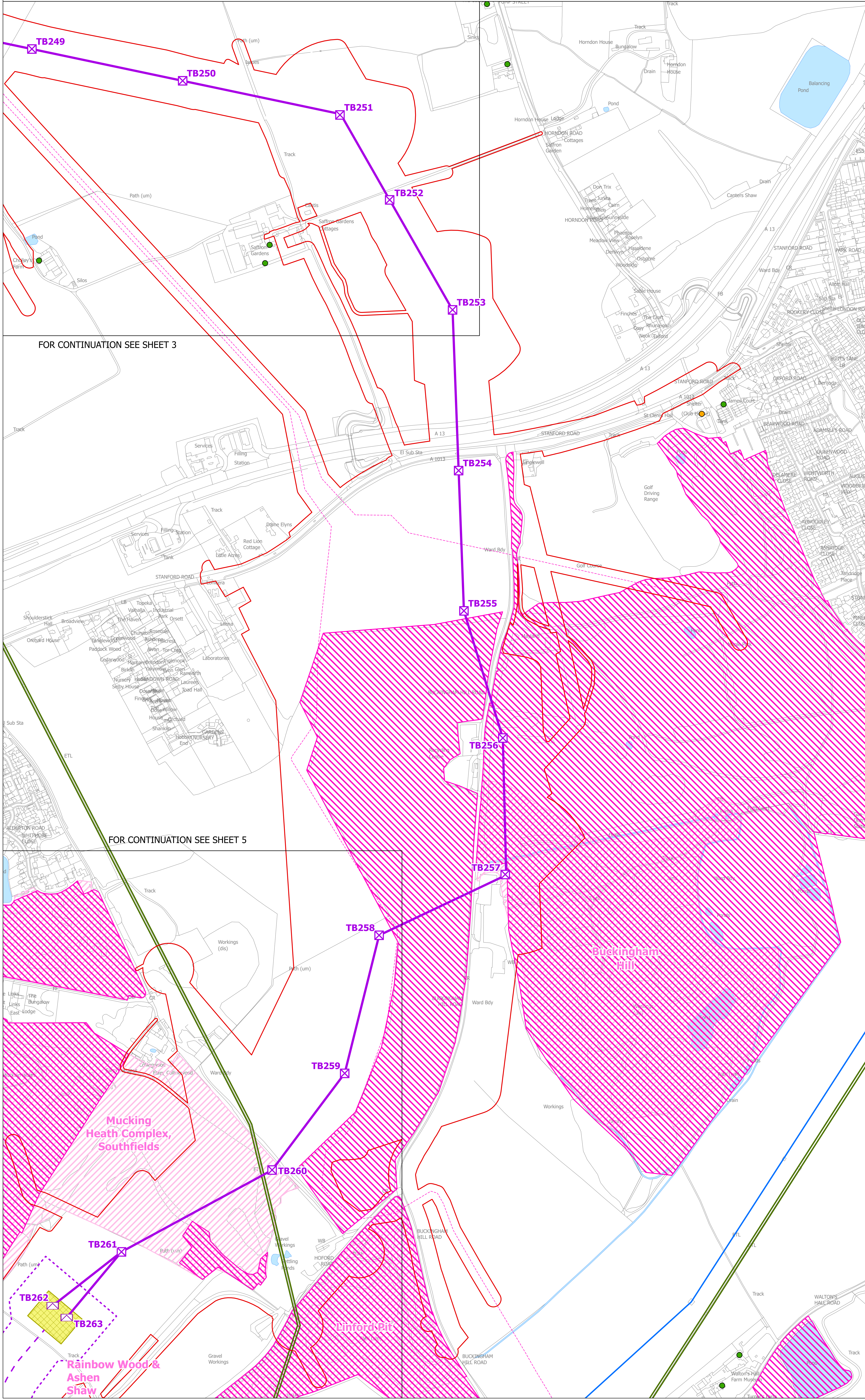
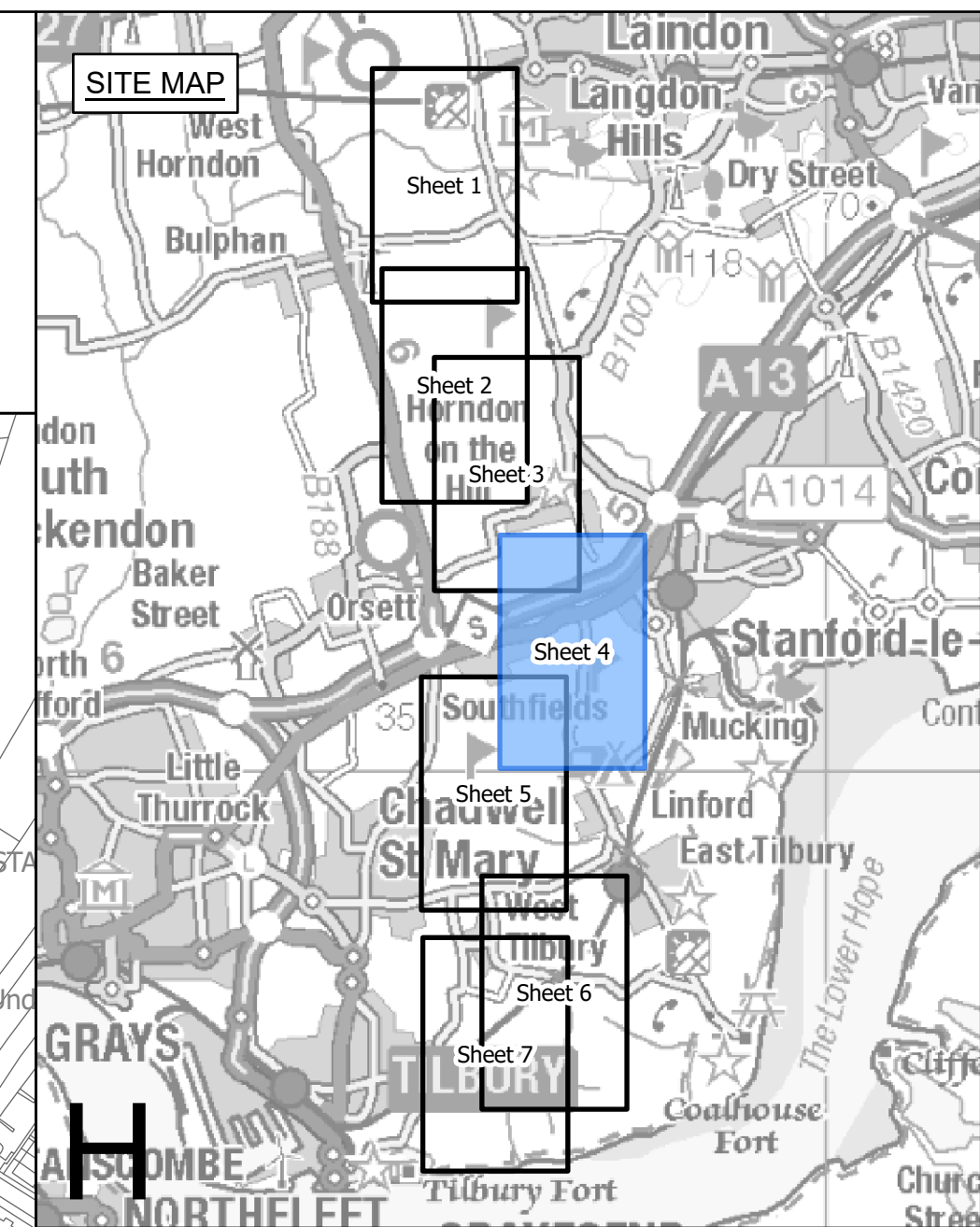
AENC-NG-ENG-PLN-0017

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 3 OF 7	A





NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 4 OF 7,  
THURROCK COUNCIL)



- Legend**
- Local authority boundary
  - Section boundary and local authority boundary
  - Street
  - Sheet index outlines
- Proposed project design details**
- Draft order limits
  - ⊠ New lattice pylon
  - ⊠ New full line tension gantry
  - New overhead line
  - - - New underground cable swathe centreline
  - - - New underground cable swathe
  - ▭ Cable sealing end compound boundary
  - ▭ Existing substation boundary
- Environmental constraints**
- Listed buildings**
- Grade I
  - Grade II
  - Grade II\*
  - ▭ Scheduled monument (with accompanying list entry number)
  - ▭ Conservation areas
  - ▭ Countryside and Rights of Way Open Access Land
  - ▭ Special Areas of Conservation
  - ▭ Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
  - ▭ Ancient woodland
  - ▭ County / local wildlife sites
  - ▭ Flood zone 3
- Existing utilities**
- National Grid 275/400kV overhead line
  - UKPN 132kV overhead line
  - National Grid underground cable
  - - - National Grid Gas Pipeline

FOR CONTINUATION SEE SHEET 3

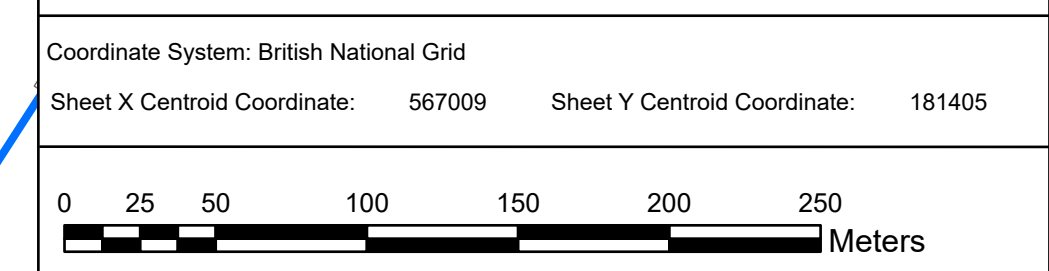
FOR CONTINUATION SEE SHEET 5

**Notes**

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A	APRIL 2024 FOR STATUTORY CONSULTATION	JAL	AF	KB	
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

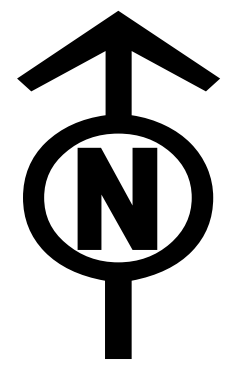
NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 4 OF 7,  
THURROCK COUNCIL)

**National Grid Drawing Reference**

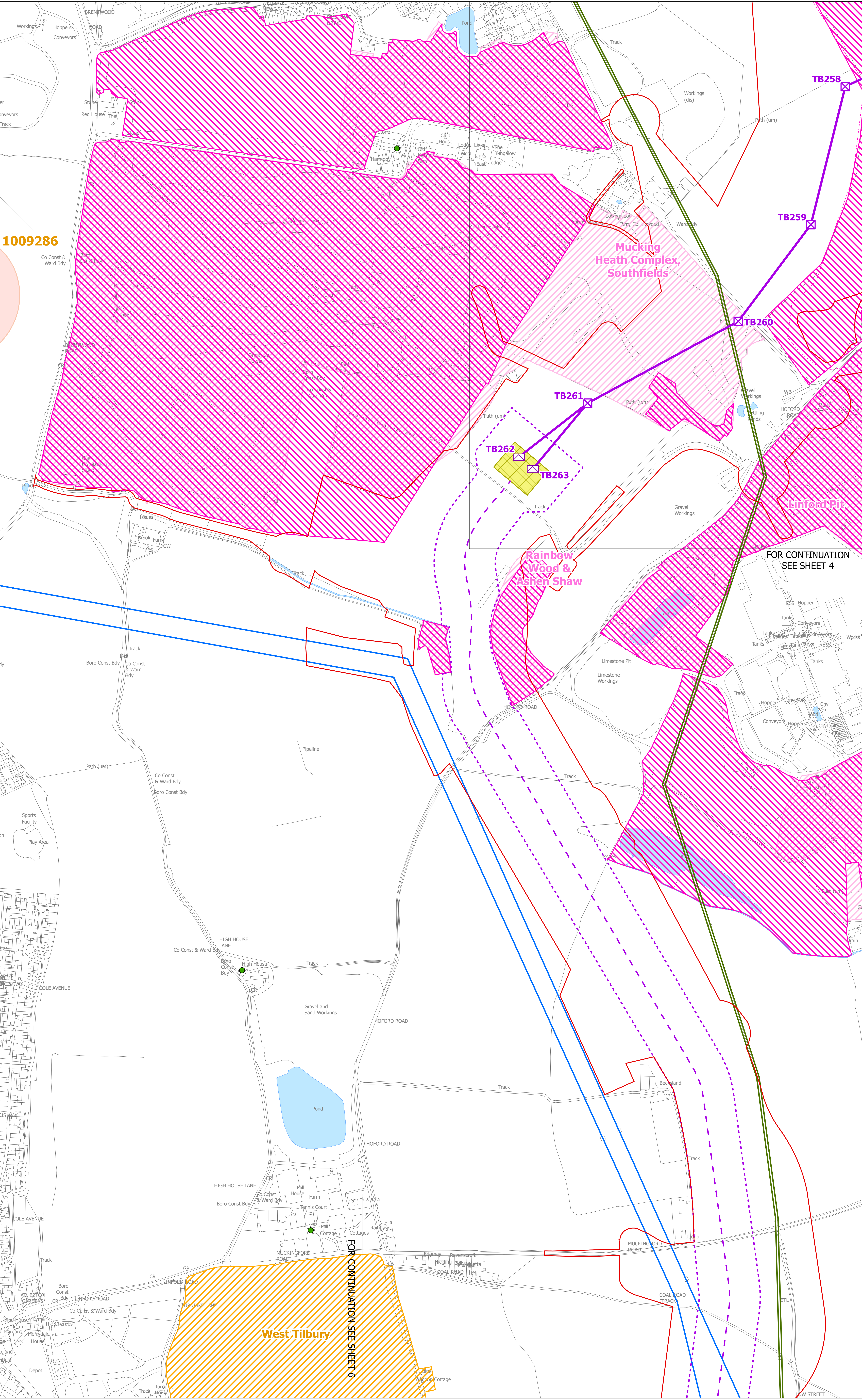
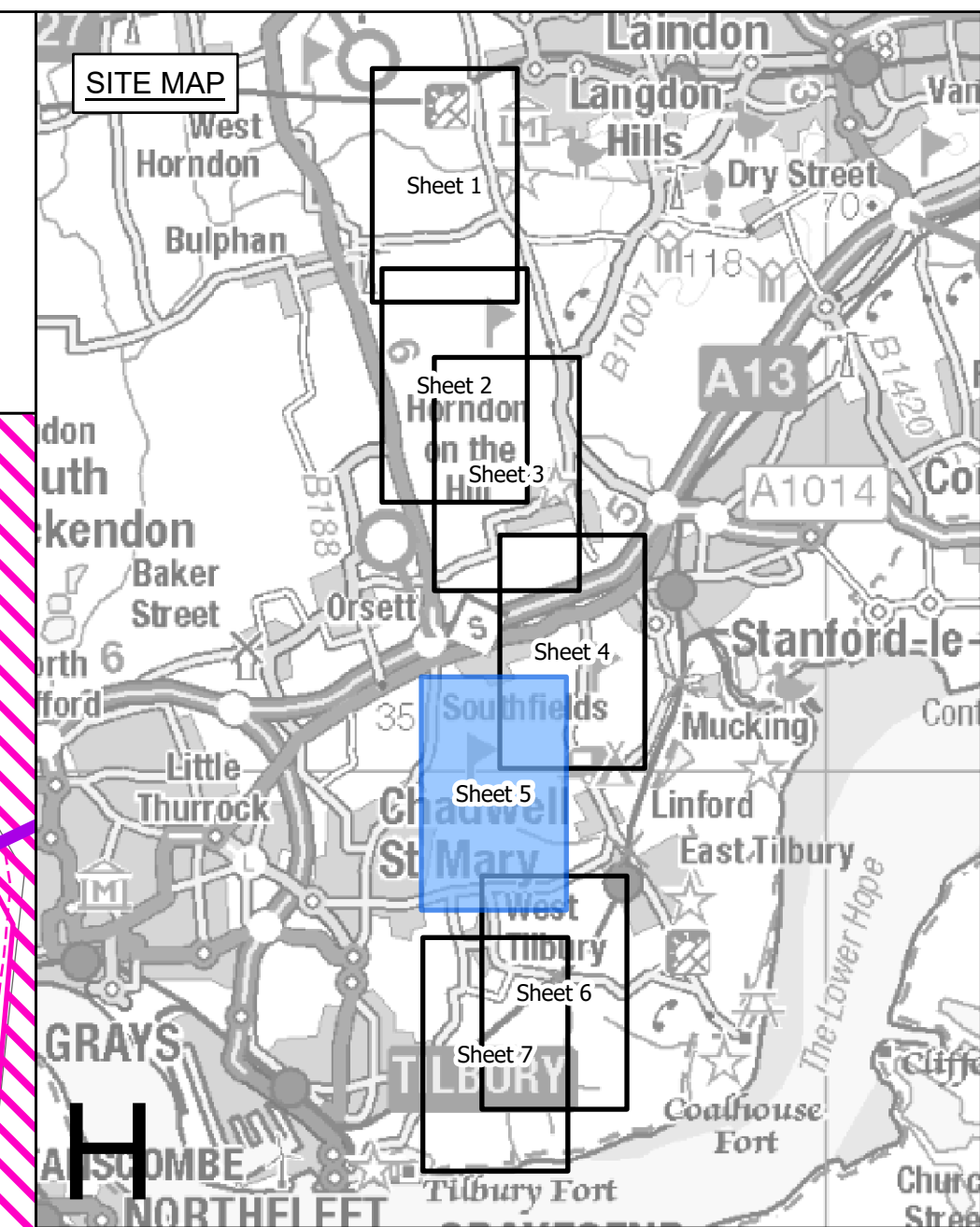
AENC-NG-ENG-PLN-0017

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 4 OF 7	A





NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 5 OF 7,  
THURROCK COUNCIL)



- Legend**
- Local authority boundary
  - Section boundary and local authority boundary
  - Street
  - Sheet index outlines
- Proposed project design details**
- Orange outline: Draft order limits
  - Purple square with X: New lattice pylon
  - Purple square with triangle: New full line tension gantry
  - Purple line: New overhead line
  - Purple dashed line: New underground cable swathe centreline
  - Purple dotted line: New underground cable swathe
  - Yellow square: Cable sealing end compound boundary
  - Purple square: Existing substation boundary
- Environmental constraints**
- Listed buildings
- Red circle: Grade I
  - Green circle: Grade II
  - Yellow circle: Grade II\*
  - Orange square: Scheduled monument (with accompanying list entry number)
  - Yellow square: Conservation areas
  - Green square: Countryside and Rights of Way Open Access Land
  - Blue square: Special Areas of Conservation
  - Pink square: Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
  - Light green square: Ancient woodland
  - Light blue square: County / local wildlife sites
  - Light blue square: Flood zone 3
- Existing utilities**
- Blue line: National Grid 275/400kV overhead line
  - Green line: UKPN 132kV overhead line
  - Black line: National Grid underground cable
  - Red dashed line: National Grid Gas Pipeline

FOR CONTINUATION  
SEE SHEET 4

FOR CONTINUATION  
SEE SHEET 6

**Notes**

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Coordinates System: British National Grid  
Sheet X Centroid Coordinate: 566067 Sheet Y Centroid Coordinate: 179738



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A	APRIL 2024 FOR STATUTORY CONSULTATION	JAL	AF	KB
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Issue	Date	Remarks	Drawn	Checked	Approved
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**Title**

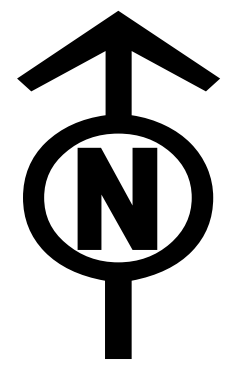
NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 5 OF 7,  
THURROCK COUNCIL)

**National Grid Drawing Reference**

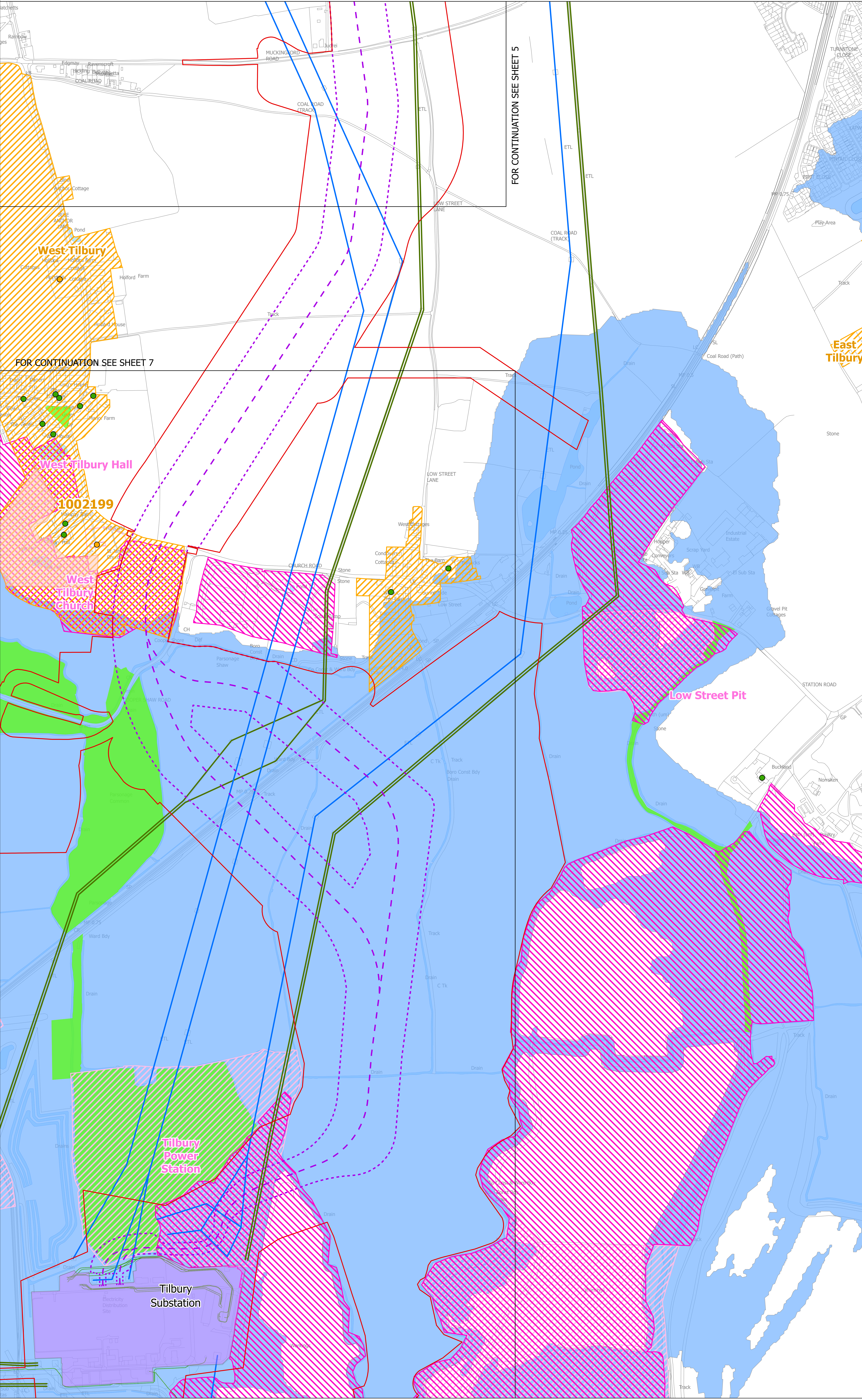
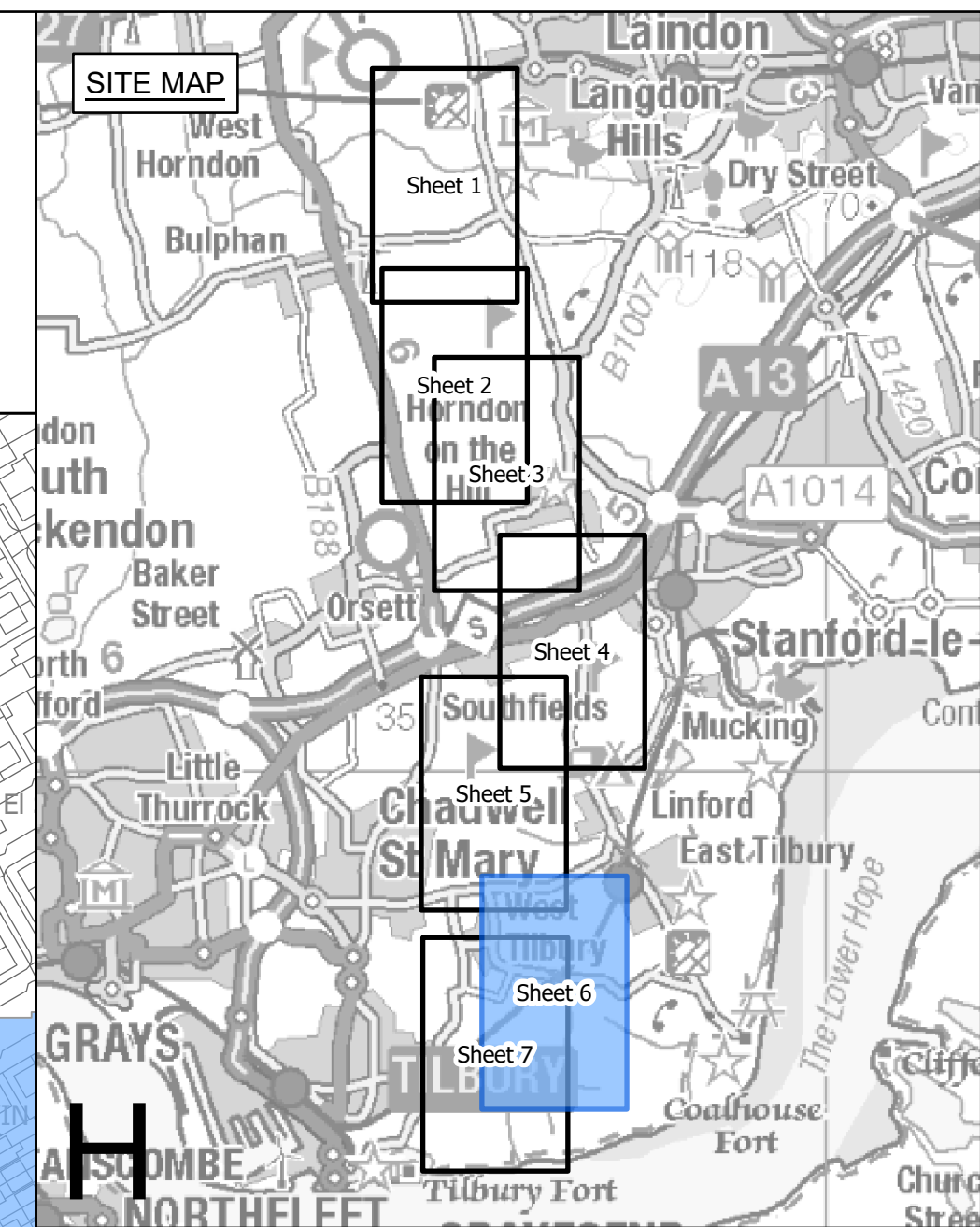
AENC-NG-ENG-PLN-0017

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 5 OF 7	A





NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 6 OF 7,  
THURROCK COUNCIL)



FOR CONTINUATION SEE SHEET 5

FOR CONTINUATION SEE SHEET 7

**Legend**

- - Local authority boundary
- - Section boundary and local authority boundary
- - Sheet index cutlines

**Proposed project design details**

- ▭ Draft order limits
- ⊠ New lattice pylon
- ⊠ New full line tension gantry
- New overhead line
- - New underground cable swathe centreline
- - New underground cable swathe
- ▭ Cable sealing end compound boundary
- ▭ Existing substation boundary

**Environmental constraints**

Listed buildings

- Grade I
- Grade II
- Grade II\*
- ▭ Scheduled monument (with accompanying list entry number)
- ▭ Conservation areas
- ▭ Countryside and Rights of Way Open Access Land
- ▭ Special Areas of Conservation
- ▭ Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
- ▭ Ancient woodland
- ▭ County / local wildlife sites
- ▭ Flood zone 3

**Existing utilities**

- National Grid 275/400kV overhead line
- UKPN 132kV overhead line
- National Grid underground cable
- National Grid Gas Pipeline

**Notes**

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Coordinate System: British National Grid  
Sheet X Centroid Coordinate: 586799 Sheet Y Centroid Coordinate: 177400



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Issue	Date	Remarks	Drawn	Checked	Approved
A	APRIL 2024 FOR STATUTORY CONSULTATION		JAL	AF	KB

**Title**

NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 6 OF 7,  
THURROCK COUNCIL)

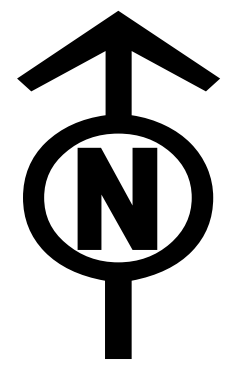


**National Grid Drawing Reference**

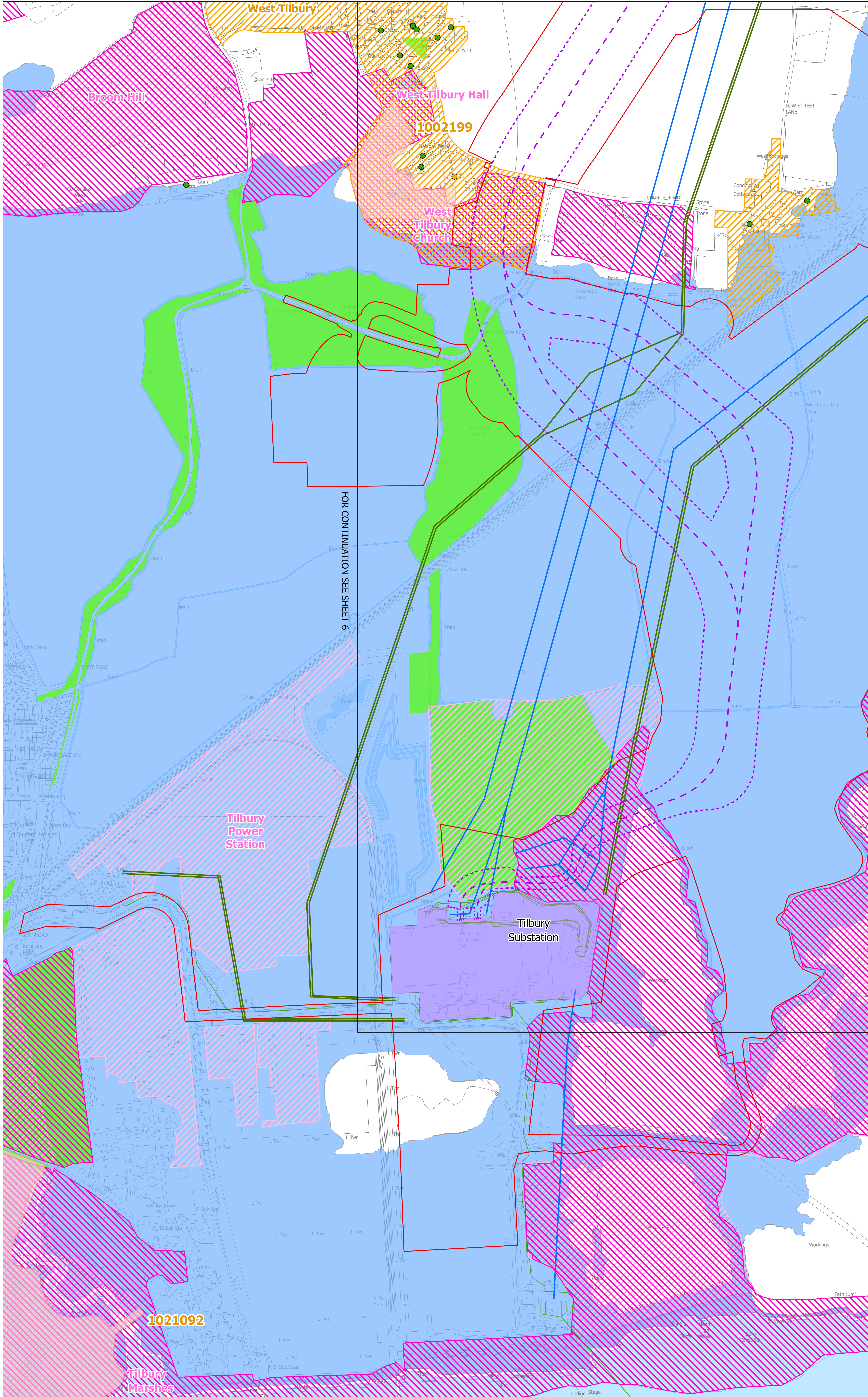
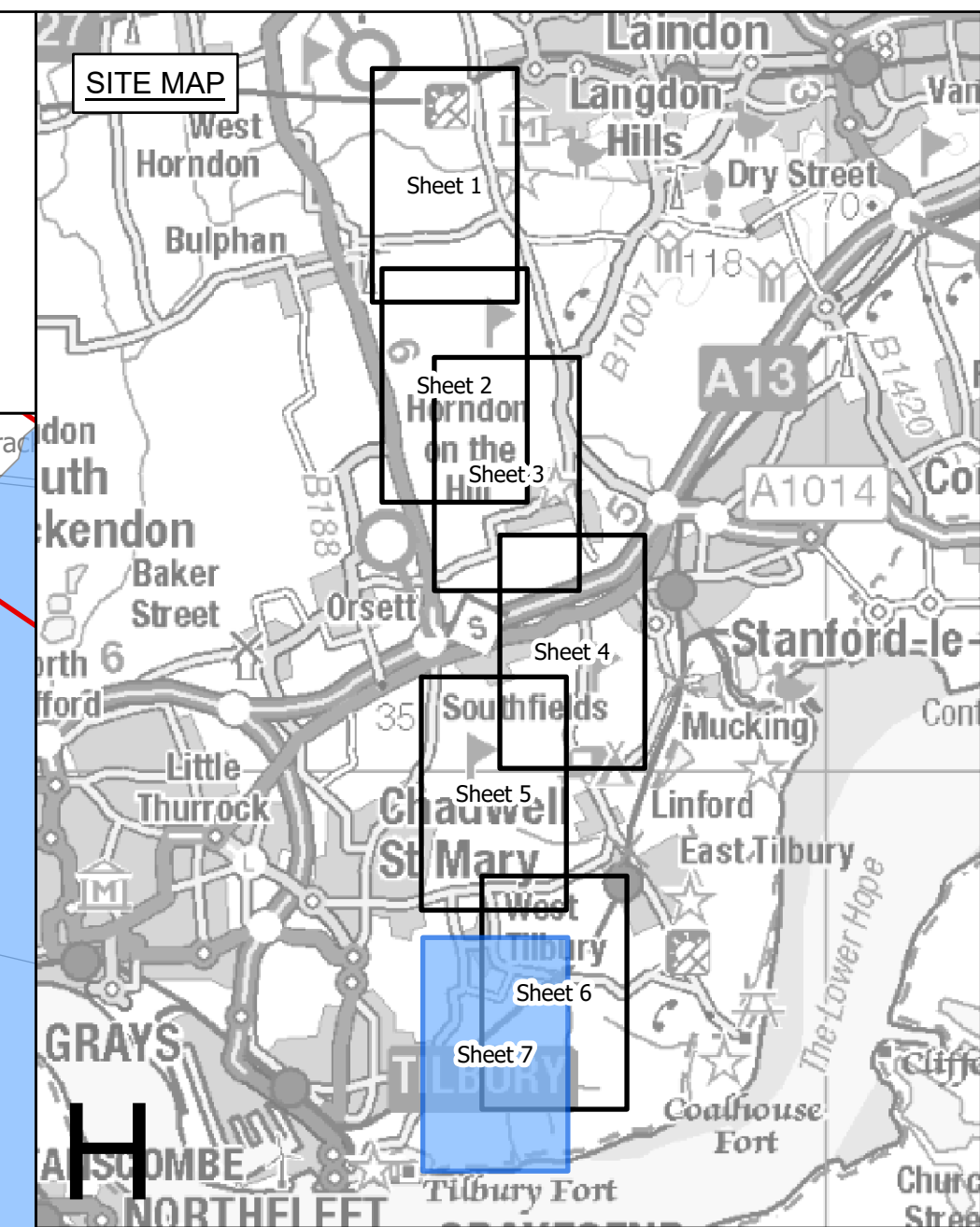
AENC-NG-ENG-PLN-0017

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 6 OF 7	A





NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS PLAN SERIES  
SECTION H (SHEET 7 OF 7,  
THURROCK COUNCIL)



- Legend**
- - Local authority boundary
  - - Section boundary and local authority boundary
  - - Street
  - - Sheet index cutlines
- Proposed project design details**
- [Red outline] Draft order limits
  - [Purple hatched] New lattice pylon
  - [Blue hatched] New full line tension gantry
  - [Green hatched] New overhead line
  - [Orange hatched] New underground cable swathe centreline
  - [Yellow hatched] New underground cable swathe
  - [Pink hatched] Cable sealing end compound boundary
  - [Light blue hatched] Existing substation boundary
- Environmental constraints**
- Listed buildings
- [Red dot] Grade I
  - [Green dot] Grade II
  - [Orange dot] Grade II\*
  - [Orange hatched] Scheduled monument (with accompanying list entry number)
  - [Green hatched] Conservation areas
  - [Light green hatched] Countryside and Rights of Way Open Access Land
  - [Blue hatched] Special Areas of Conservation
  - [Pink hatched] Sites of Special Scientific Interest (including Thames Estuary Site of Special Scientific Interest notification project)
  - [Light blue hatched] Ancient woodland
  - [Light pink hatched] County / local wildlife sites
  - [Light blue hatched] Flood zone 3
- Existing utilities**
- [Blue line] National Grid 275/400kV overhead line
  - [Green line] UKPN 132kV overhead line
  - [Yellow line] National Grid underground cable
  - [Red dashed line] National Grid Gas Pipeline

FOR CONTINUATION SEE SHEET 6

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These plans show the draft Order Limits. 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 potential permanent infrastructure would lie. Further information is provided in our 'Guide to interacting with our consultation plans' document.

Coordinate System: British National Grid  
Sheet X Centroid Coordinate: 586105 Sheet Y Centroid Coordinate: 178678



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A	APRIL 2024 FOR STATUTORY CONSULTATION	JAL	AF	KB	
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
NATIONAL GRID  
(NORWICH TO TILBURY)  
ENVIRONMENTAL CONSTRAINTS  
PLAN SERIES  
SECTION H (SHEET 7 OF 7,  
THURROCK COUNCIL)



**National Grid Drawing Reference**  
AENC-NG-ENG-PLN-0017

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