

AENC-MMAC-ENG-REP-0009

Norwich to Tilbury

Volume 7: Other Documents

Document: 7.3 Outline Construction Traffic Management Plan
Appendix C - Indicative Highway Mitigation Plans - Section H -
Clean Version

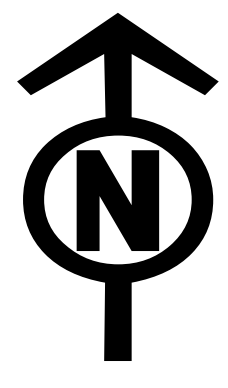
Final Issue C

June 2026

Planning Inspectorate Reference: EN020027

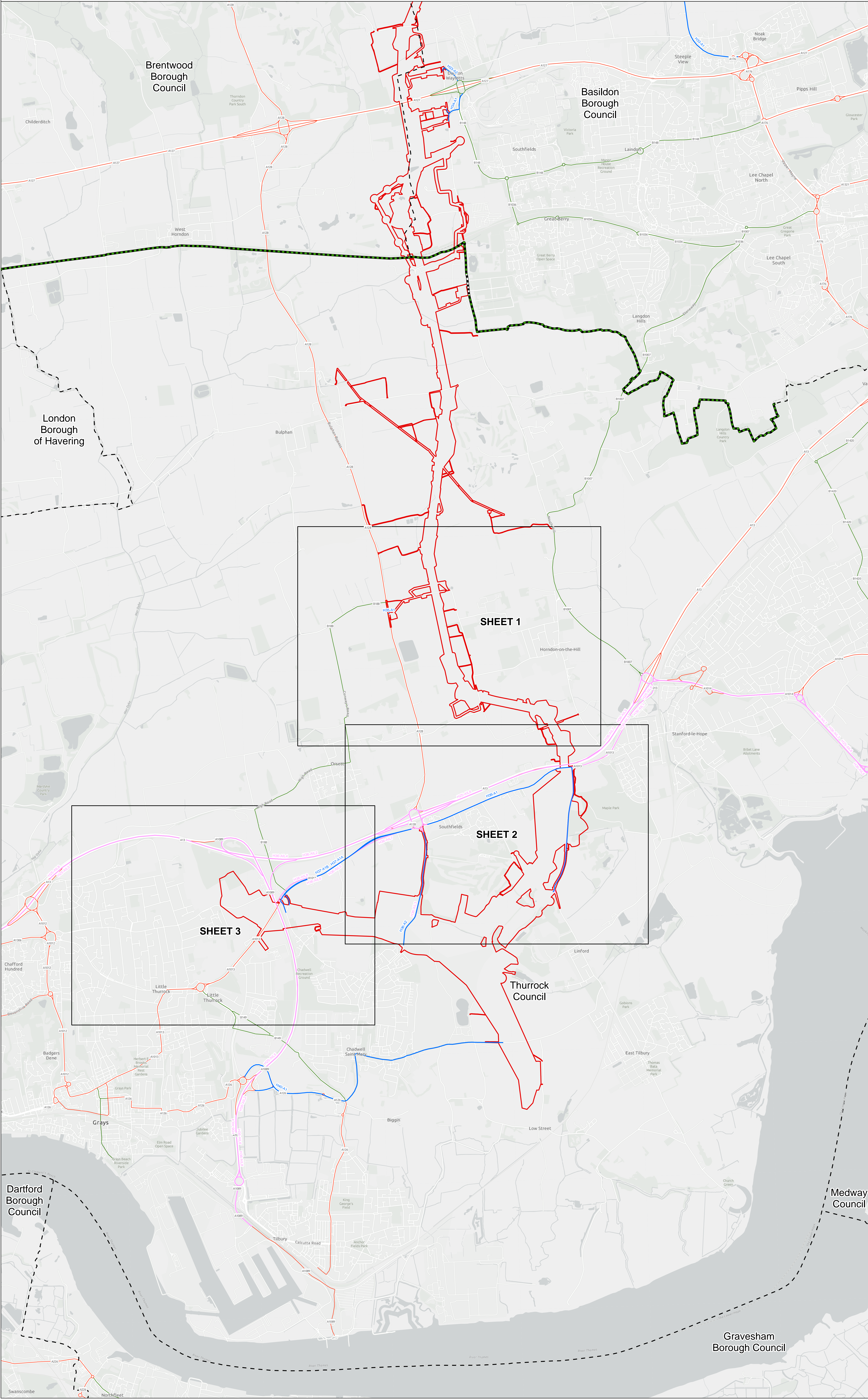
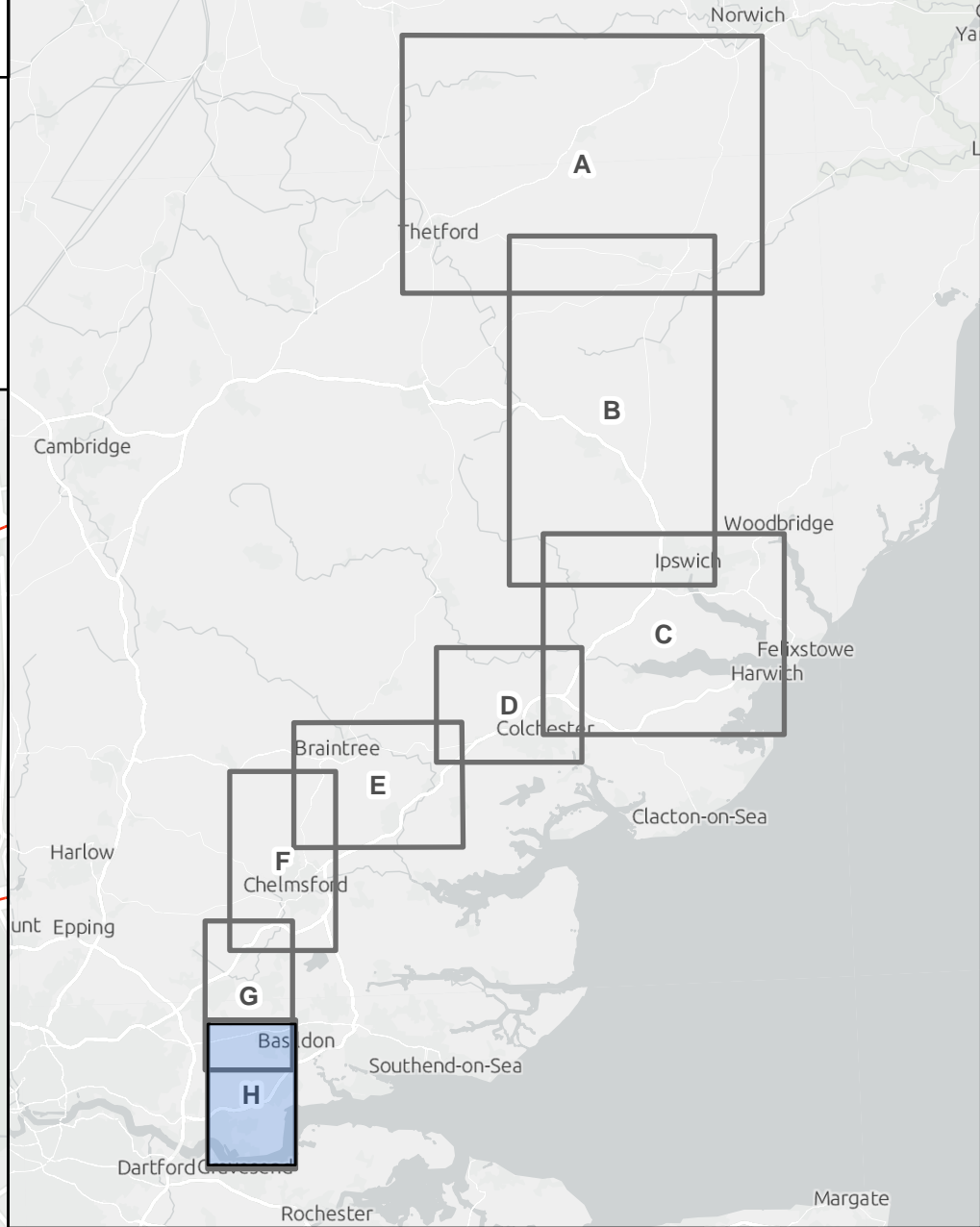
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(q)

nationalgrid



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION KEY PLAN
SECTION H
SHEET 1 OF 1

Application Document 7.3.C



- Order Limits
- Sheet index
- Local authority boundary
- Section boundary and local authority boundary
- Section boundary
- Primary access route
- All access route
- Existing roads**
- A road
- B road

- 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 alignment would lie.
 2. The plans form an Appendix to, and should be read alongside, the Outline Construction Traffic Management Plan.
 3. The proposed mitigation measures have been developed through engagement with the relevant local highways authorities and, where applicable, National highways.
 4. The plans show proposed mitigation measures on the Primary Access Routes and All Routes.
 5. 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: 665529E m. Sheet Y Centroid Coordinate: 182689N m

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Issue	Date	Remarks	Drawn	Checked	Approved
C	JUN-2026	For deadline five	KT	LC	KR
B	MAY-2026	For deadline four	KT	LC	KR
A	AUG-2025	For DCO submission	KT	DC	KR

Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION KEY PLAN
SECTION H
SHEET 1 OF 1

GENERAL ARRANGEMENT
FOR INFORMATION ONLY

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PINS Application Number
EN202027

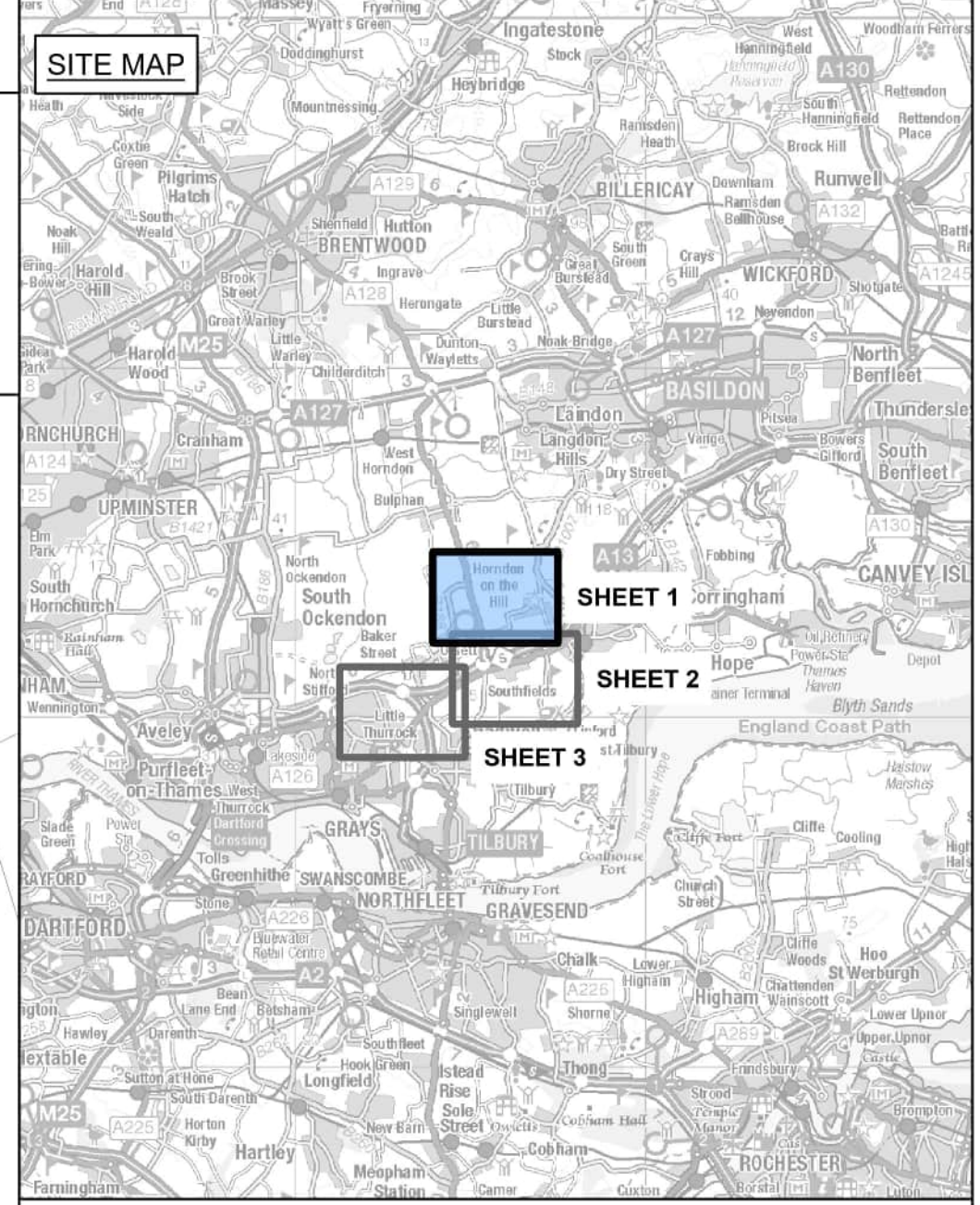
National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0096

Scale	Sheet Size	Sheet	Issue
1:15,000	A0	SHEET 1 OF 1	C

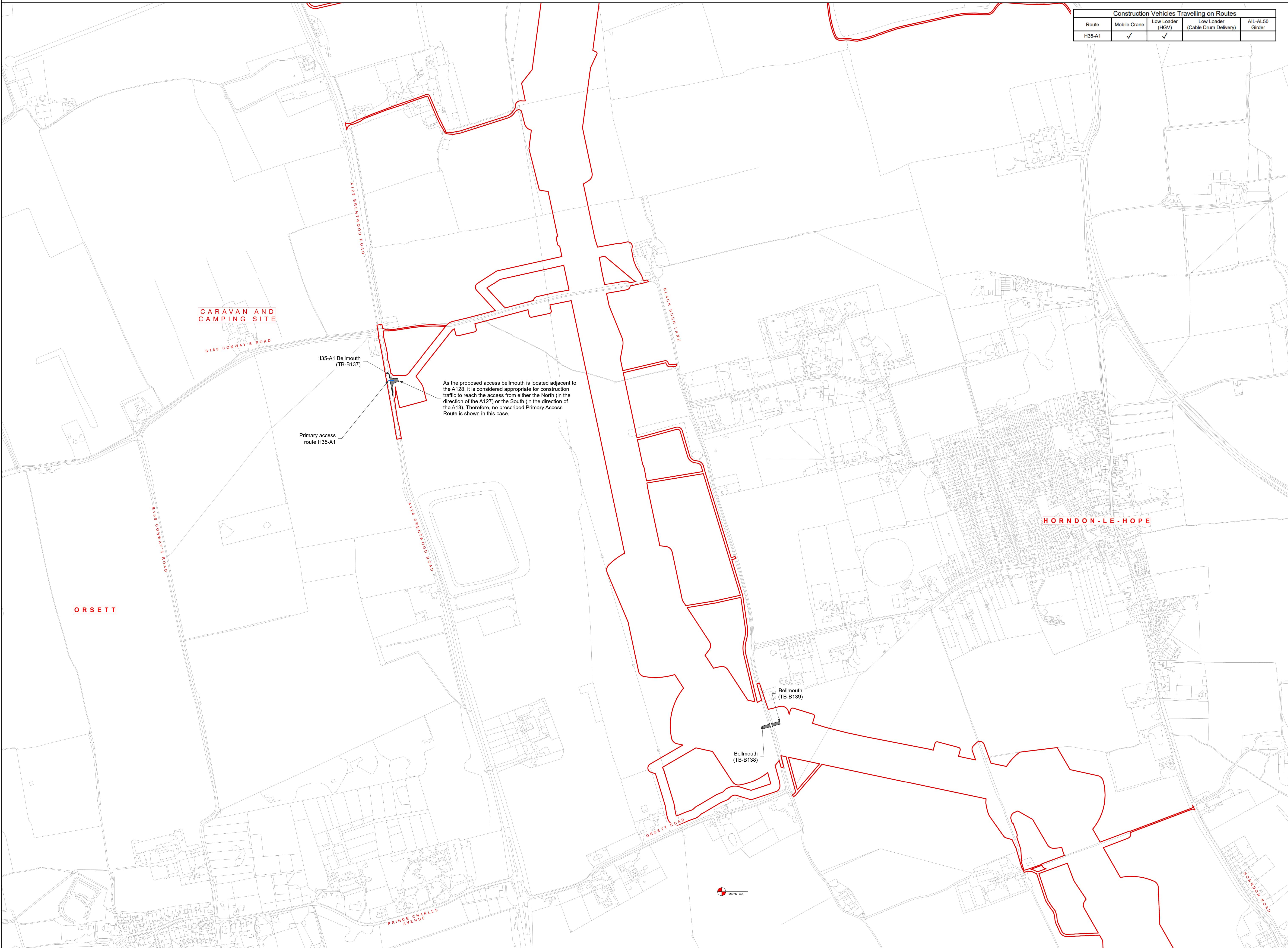


THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION H (SHEET 1 OF 3,
THURROCK COUNCIL)

Application Document 7.3.C



Route	Construction Vehicles Travelling on Routes			
	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H35-A1	✓	✓		



Design Specifications of Indicative Construction Vehicles

Vehicle Type	Overall Length	Overall Width	Overall Body Height	Track Width	Kerb to Kerb Radius
Mobile Crane Liebherr LTM 1250-6-1	17.85m	3.00m	4.00m	3.00m	11.62m
Low Loader HGV	16.63m	2.50m	3.39m	2.50m	6.79m

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 565692E m Sheet Y Centroid Coordinate: 183437N m

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Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION H (SHEET 1 OF 3,
THURROCK COUNCIL)

GENERAL ARRANGEMENT
FOR INFORMATION ONLY

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PINS Application Number EN020027

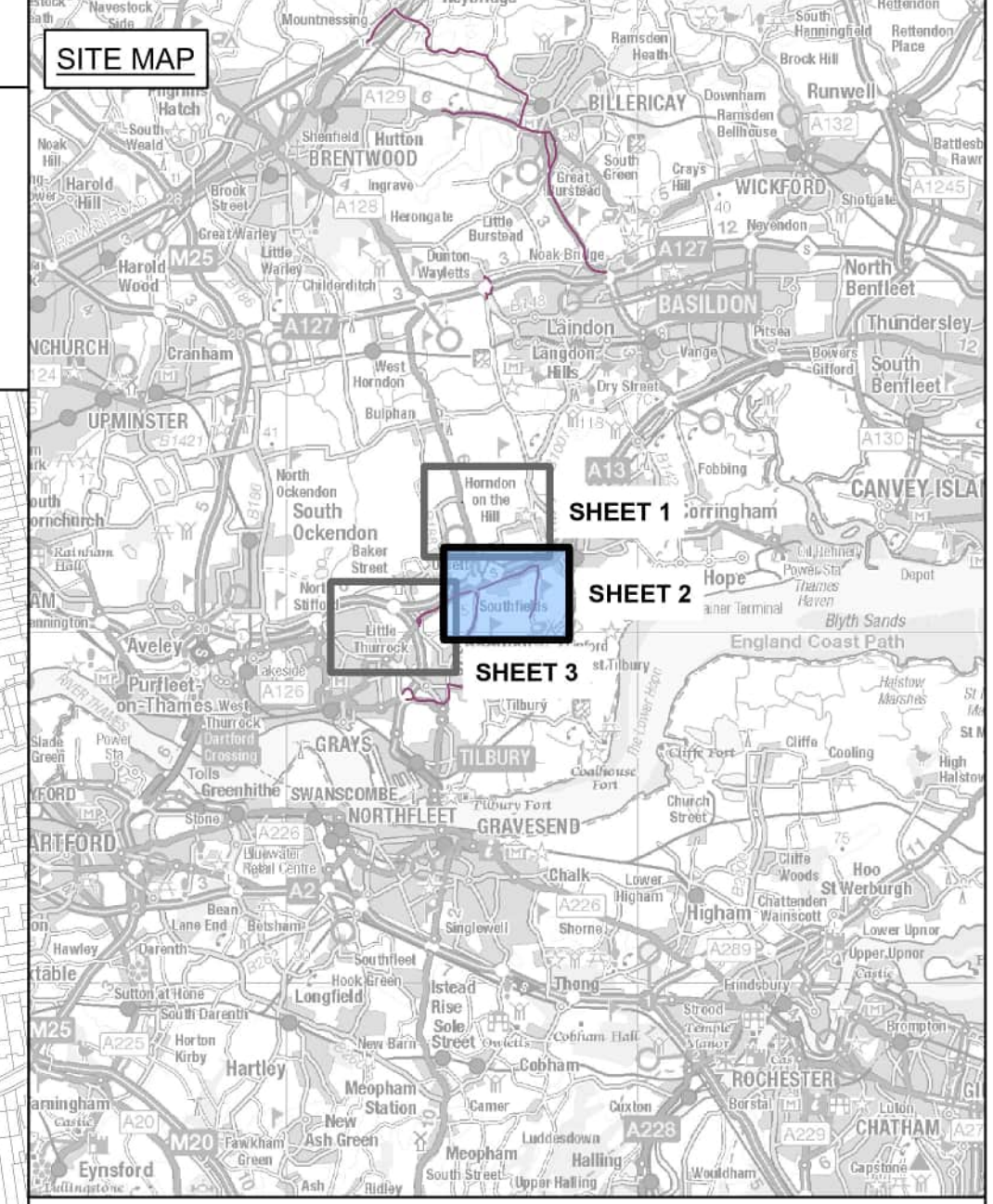
National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0096.01

Scale	Sheet Size	Sheet	Issue
1:3,500	A0	SHEET 1 OF 3	C



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION H (SHEET 2 OF 3,
THURROCK COUNCIL)

Application Document 7.3.C



Sheet match line

Order Limits

Primary access route

AIL access route

Temporary works

- Vegetation removal / cutting back / temporary traffic regulation orders
- Modifications to existing highway features, including vegetation removal / cut back where required
- Work within the existing highway boundary, including vegetation removal / cut back where required

Site access point (delimit)

Design Specifications of Indicative Construction Vehicles

		Overall Length 17.850m	Overall Length 16.633m
		Overall Width 3.000m	Overall Width 2.500m
		Overall Body Height 4.000m	Overall Body Height 3.396m
		Track Width 3.000m	Max Track Width 2.500m
		Kerb to Kerb Radius 11.624m	Kerb to Kerb Radius 6.790m
		Overall Length 17.850m	Overall Length 25.440m
		Overall Width 5.336m	Overall Width 4.500m
		Overall Body Height 4.020m	Overall Body Height 5.000m
		Max Track Width 3.000m	Max Track Width 2.500m
		Kerb to Kerb Radius 11.550m	Kerb to Kerb Radius 14.500m

- 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 alignment would lie.
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 566252E m Sheet Y Centroid Coordinate: 181104N m

0 100 200 300 400 Metres

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SECTION H (SHEET 2 OF 3,
THURROCK COUNCIL)

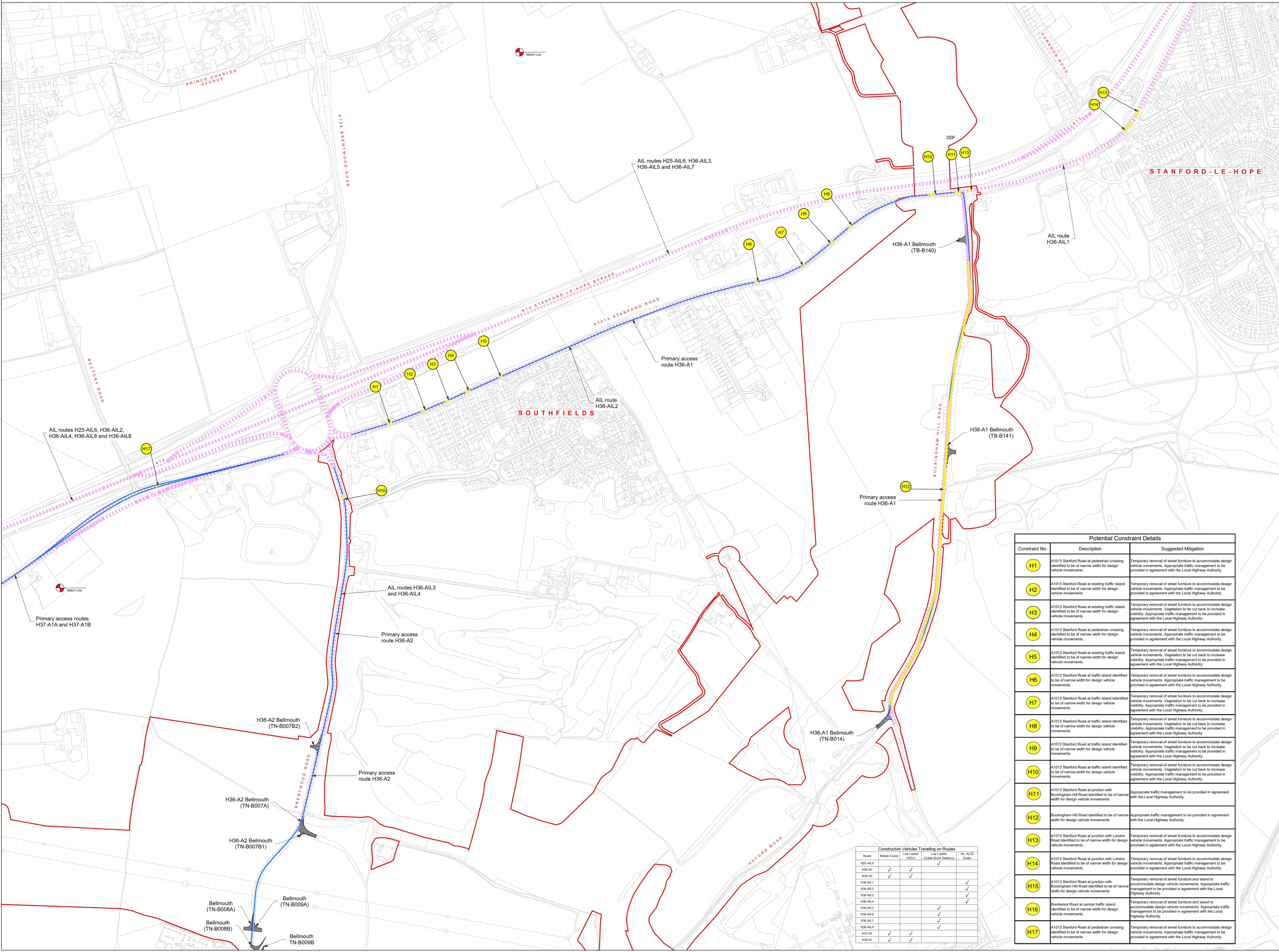
GENERAL ARRANGEMENT
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PINS Application Number EN020027

National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0096.02

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



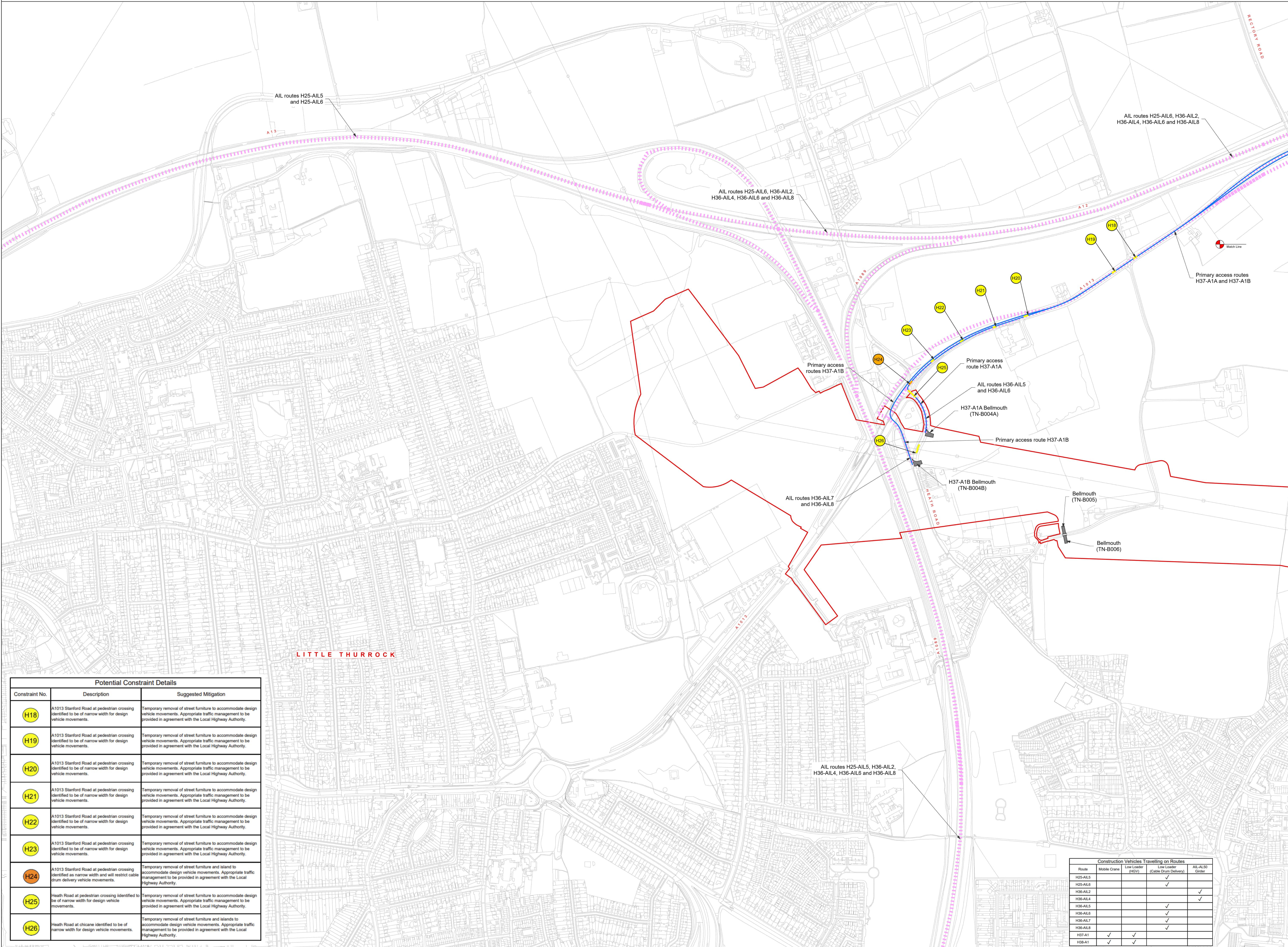
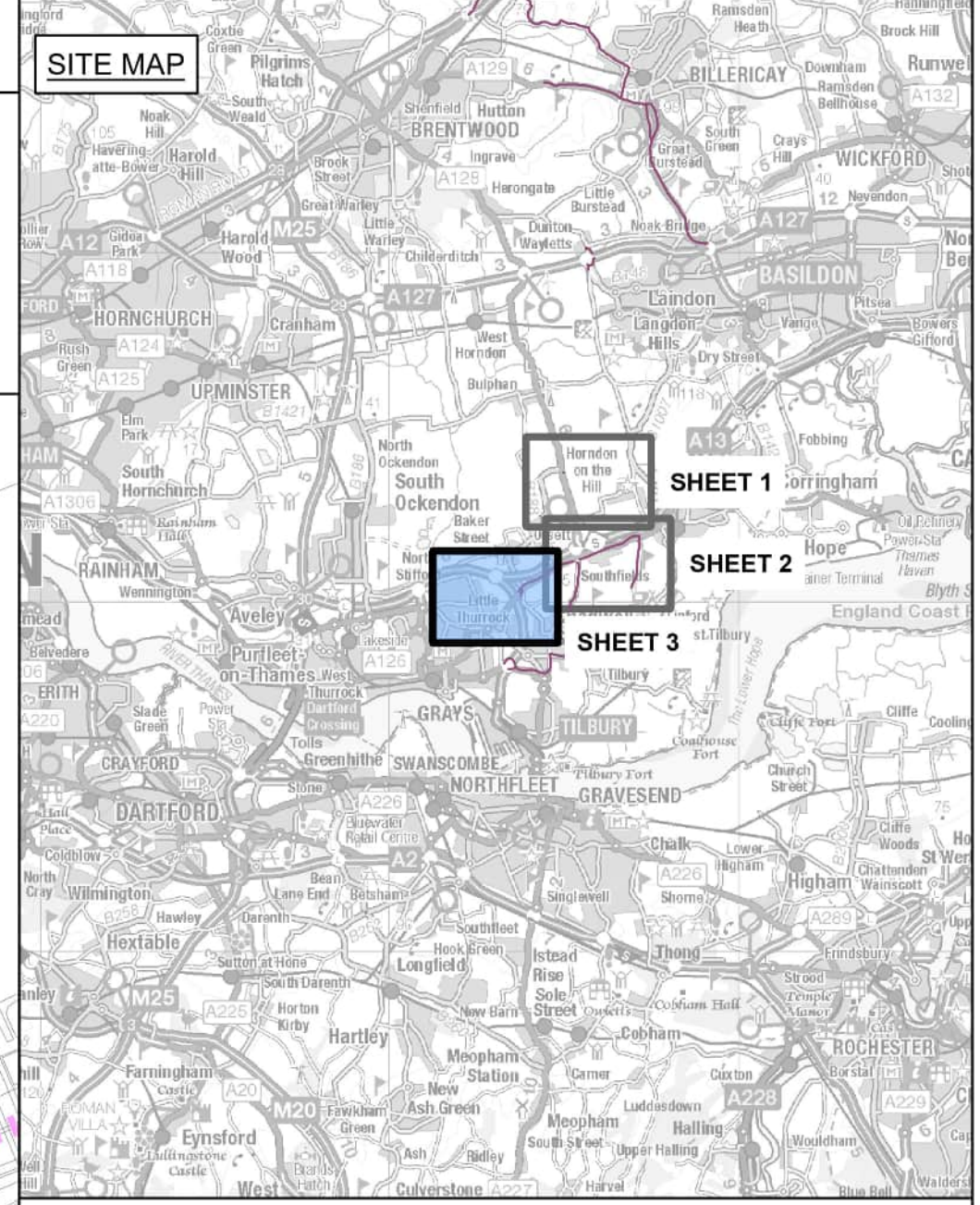
Constraint No.	Description	Suggested Mitigation
H1	A1013 Stamford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H2	A1013 Stamford Road at existing traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H3	A1013 Stamford Road at existing traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H4	A1013 Stamford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H5	A1013 Stamford Road at existing traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H6	A1013 Stamford Road at traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H7	A1013 Stamford Road at traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H8	A1013 Stamford Road at traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H9	A1013 Stamford Road at traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H10	A1013 Stamford Road at traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H11	A1013 Stamford Road at junction with Buckingham Hill Road identified to be of narrow width for design vehicle movements.	Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H12	Buckingham Hill Road identified to be of narrow width for design vehicle movements.	Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H13	A1013 Stamford Road at junction with London Road identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H14	A1013 Stamford Road at junction with London Road identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H15	A1013 Stamford Road at junction with Buckingham Hill Road identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture and island to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H16	Stamford Road at central traffic island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture and island to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H17	A1013 Stamford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.

Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H01-A16				
H06-A1	✓	✓		
H06-A2	✓	✓		
H06-A1.1				✓
H06-A1.2				✓
H06-A1.3				✓
H06-A1.4				✓
H06-A1.5			✓	
H06-A1.6			✓	
H06-A1.7			✓	
H06-A1.8			✓	
H07-A1	✓	✓		
H08-A1	✓	✓		



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SECTION H (SHEET 3 OF 3,
THURROCK COUNCIL)

Application Document 7.3.C



Legend

- Sheet match line
- Order Limits
- Primary access route
- AIL access route
- Temporary works
 - Vegetation removal / cutting back / temporary traffic regulation orders
 - Modifications to existing highway features, including vegetation removal / cut back where required
 - Work within the existing highway boundary, including vegetation removal / cut back where required
- Crossover point (bellmouth)
- Site access point (bellmouth)

Design Specifications of Indicative Construction Vehicles

		16.633m
Mobile Crane Liebherr LTM 1250-6-1	Low Loader HGV	Overall Length 17.850m
		Overall Width 3.000m
		Overall Body Height 4.000m
		Track Width 3.000m
		Max Track Width 2.500m
		Kerb to Kerb Radius 11.624m
		4.500m
AIL-AL50 Girder Delivery Vehicle	Low Loader (Cable Drum Delivery)	Overall Length 61.520m
		Overall Width 5.336m
		Overall Body Height 4.020m
		Max Track Width 3.000m
		Kerb to Kerb Radius 11.550m

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 56328E m Sheet Y Centroid Coordinate: 180149N m

0 100 200 300 400
Metres

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Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
H18	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H19	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H20	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H21	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H22	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H23	A1013 Stanford Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H24	A1013 Stanford Road at pedestrian crossing identified as narrow width and will restrict cable drum delivery vehicle movements.	Temporary removal of street furniture and islands to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H25	Heath Road at pedestrian crossing identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
H26	Heath Road at chicanes identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture and islands to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (RDV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H25-AIL5			✓	
H25-AIL6			✓	
H36-AIL2				✓
H36-AIL4				✓
H36-AIL5			✓	
H36-AIL6			✓	
H36-AIL7			✓	
H36-AIL8			✓	
H37-A1	✓	✓		
H37-A1	✓	✓		

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PINS Application Number: EN020027

National Grid Drawing Reference: AENC-MMAC-ENG-DWG-0096.03

Scale: 1:3,500

Sheet Size: A0	Sheet: SHEET 3 OF 3	Issue: C
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