

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 E

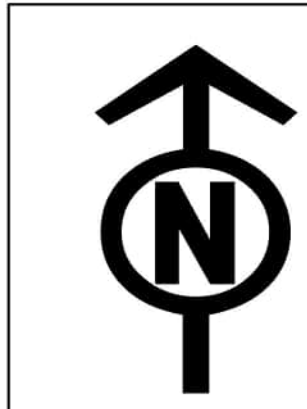
Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

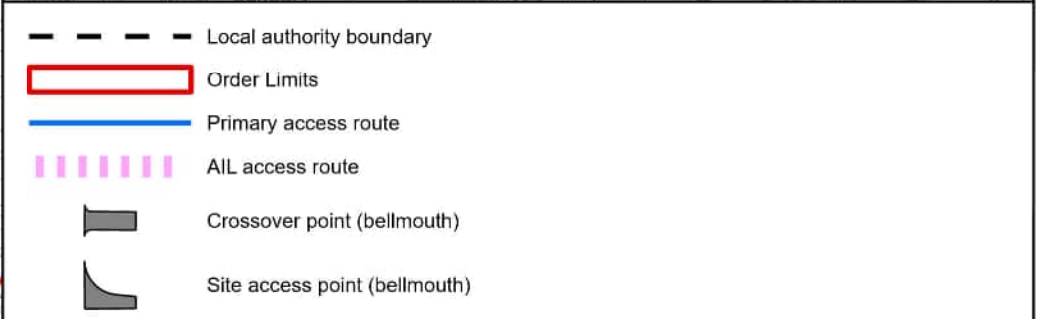
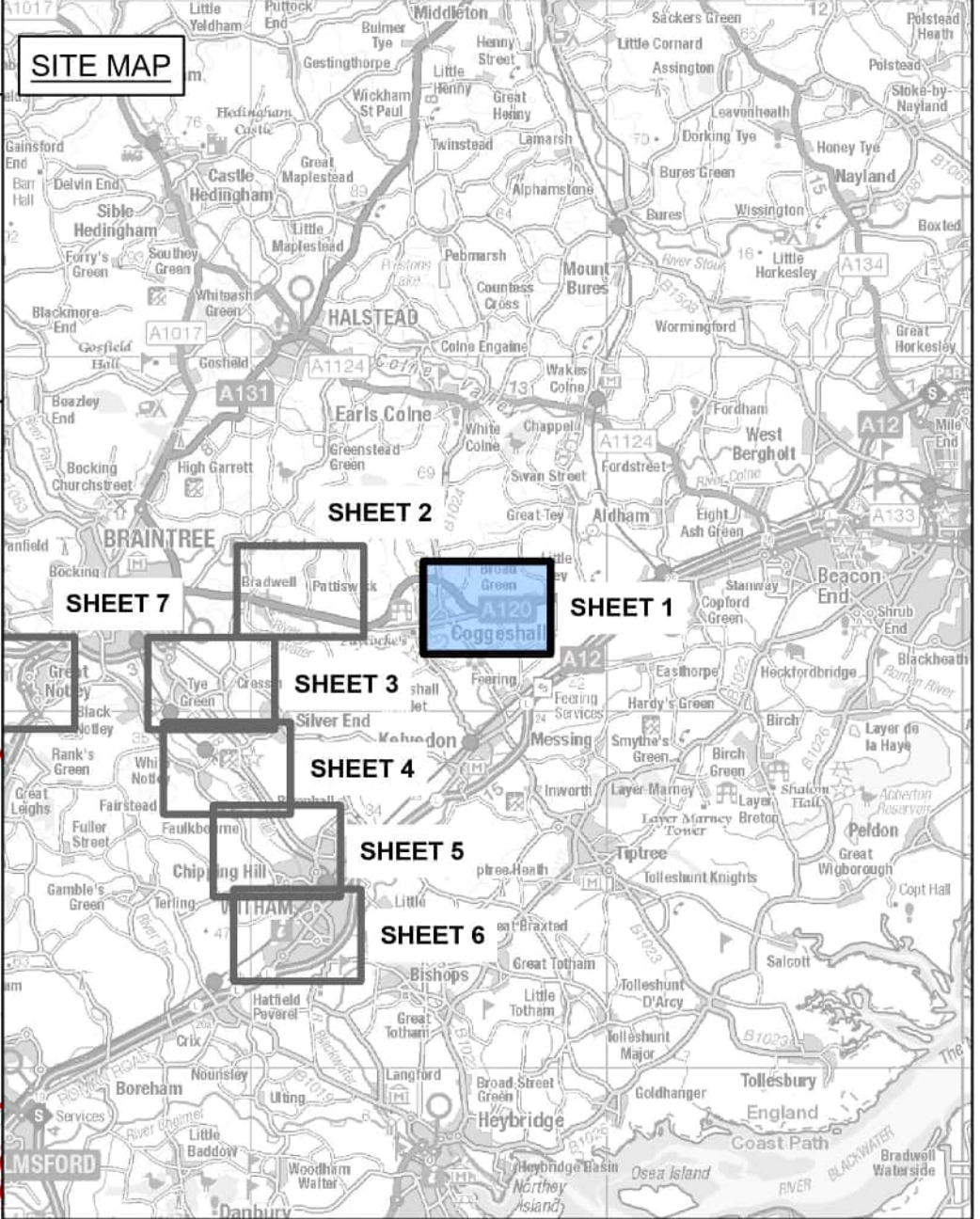
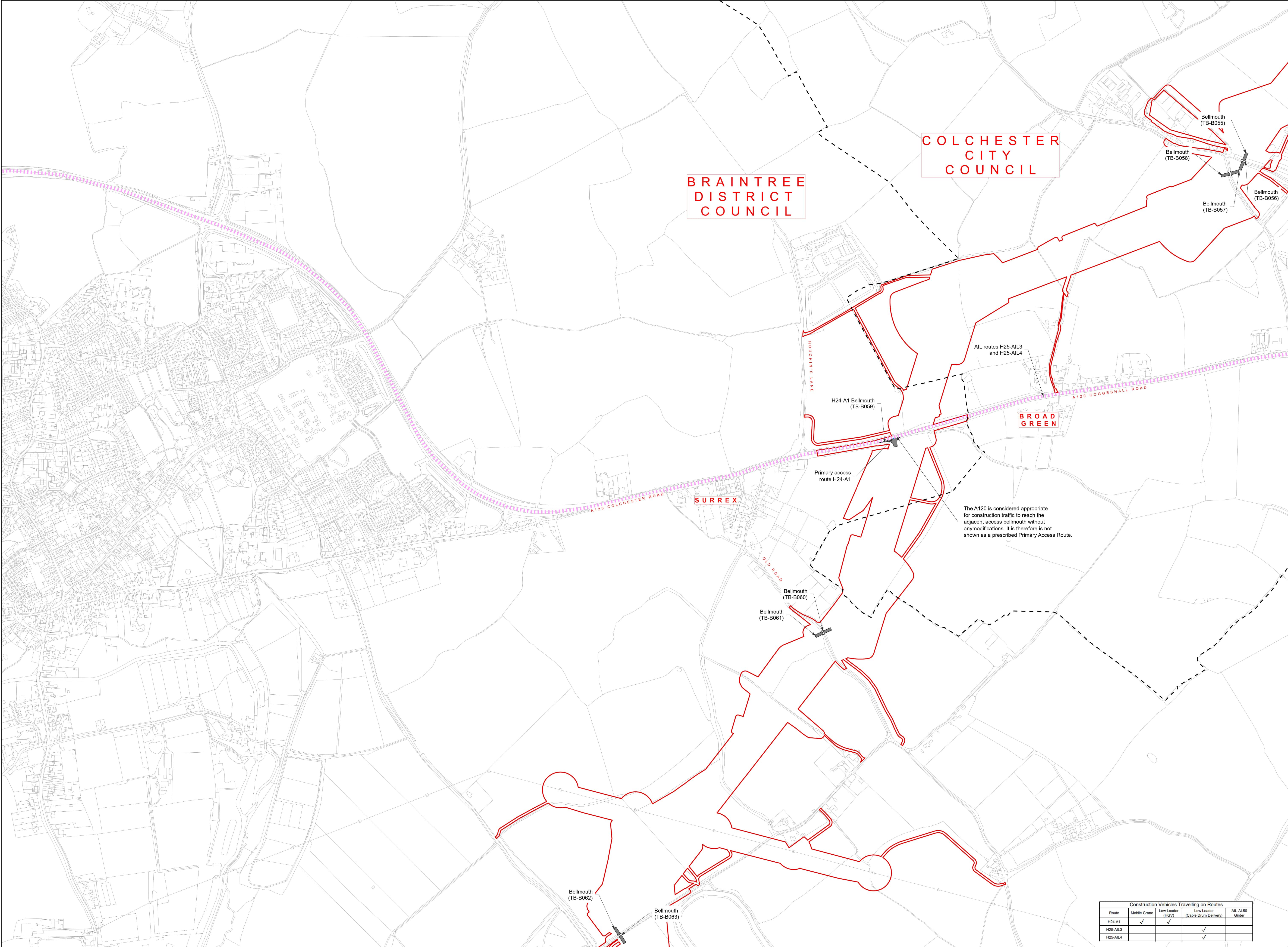
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(q)

nationalgrid



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION E (SHEET 1 OF 7,
BRAINTREE DISTRICT COUNCIL)

Application Document 7.3.C



Design Specifications of Indicative Construction Vehicles

	
Mobile Crane Liebherr LTM 1250-6.1	Low Loader HGV
Overall Length 17.85m	Overall Length 16.63m
Overall Width 4.00m	Overall Width 2.50m
Overall Body Height 4.00m	Overall Body Height 3.39m
Track Width 3.00m	Max Track Width 2.50m
Kerb to Kerb Radius 11.624m	Kerb to Kerb Radius 6.790m
	
Low Loader (Cable Drum Delivery)	
Overall Length 25.44m	
Overall Width 4.50m	
Overall Body Height 5.00m	
Max Track Width 2.50m	
Kerb to Kerb Radius 14.500m	

Notes

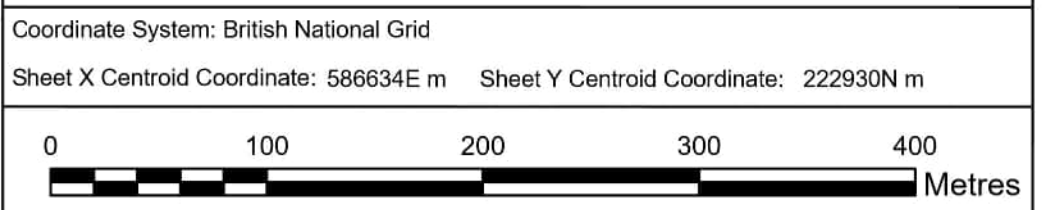
1. These plans show the Order Limits and potential location for the works. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its Development Consent Order, within which any final alignment would lie.

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 AIL 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.



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A	AUG-2025	For DCO submission	KT	DC	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION E (SHEET 1 OF 7,
BRAINTREE DISTRICT COUNCIL)

GENERAL ARRANGEMENT
FOR INFORMATION ONLY

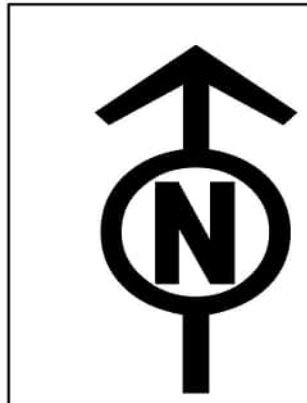
nationalgrid

PINS Application Number EN020027

National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0093

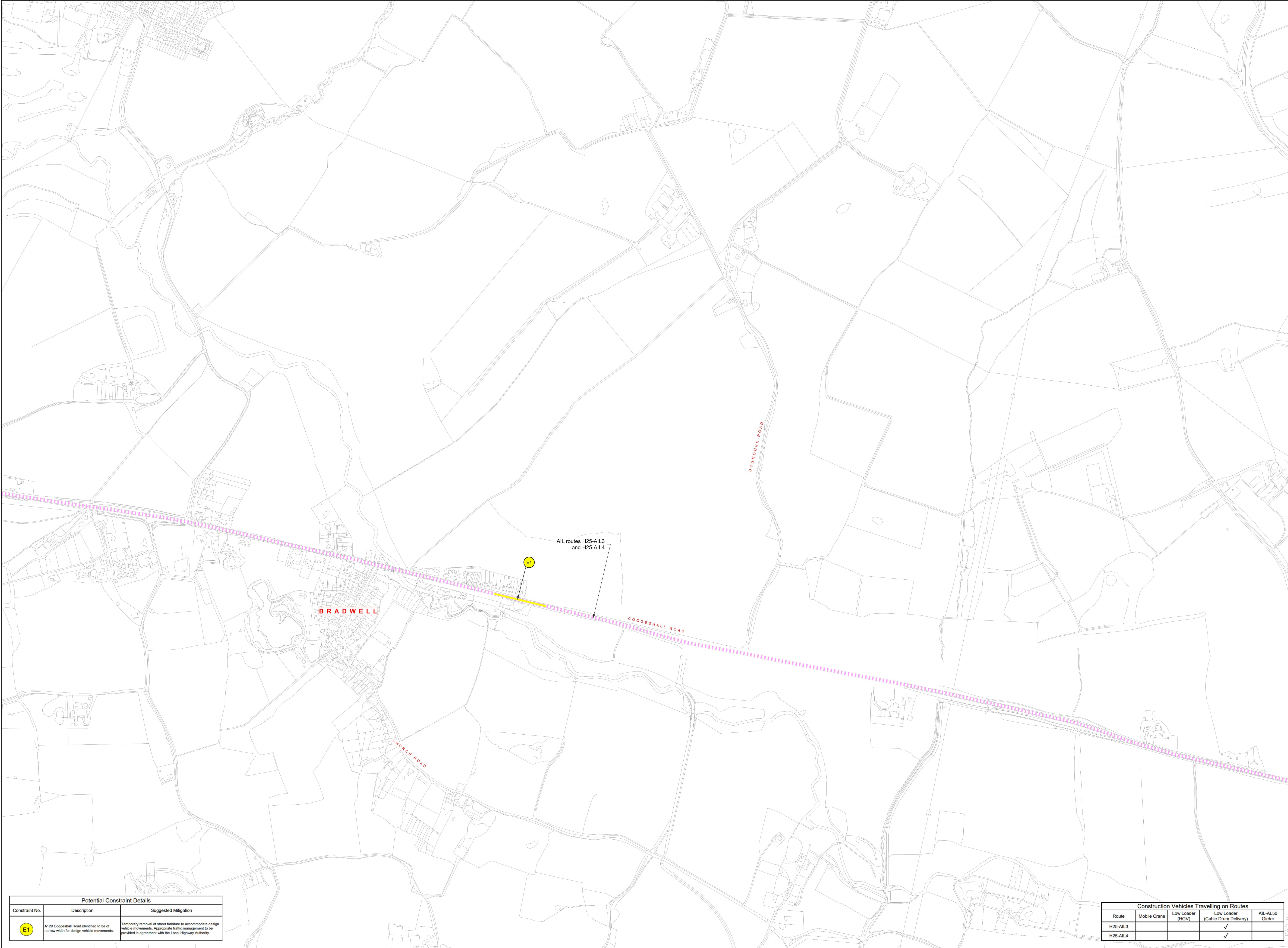
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Construction Vehicles Travelling on Routes			
Route	Mobile Crane	Low Loader (HGV)	AIL-ALSO Gider
H24-A1	✓	✓	
H25-AIL3			✓
H25-AIL4			✓



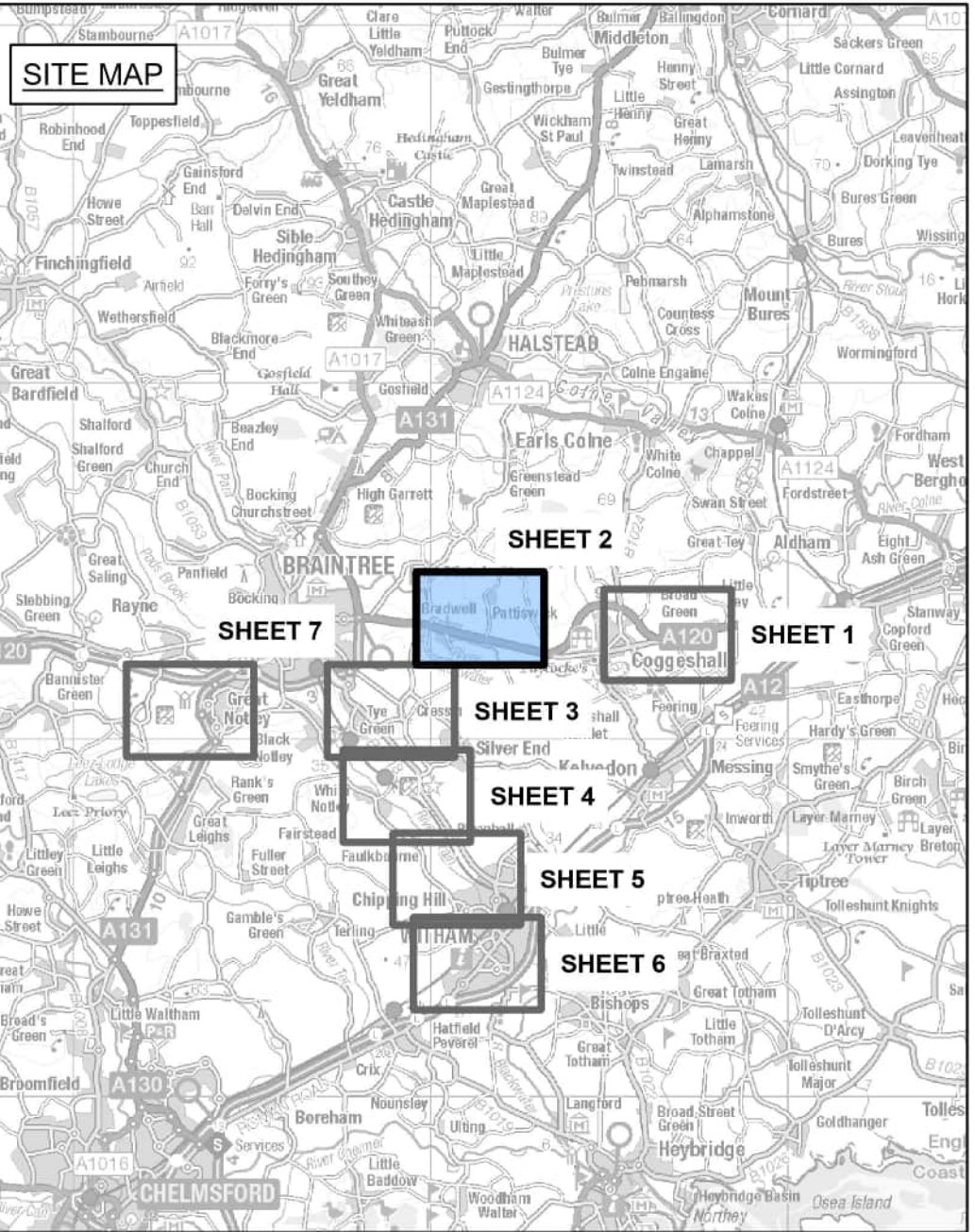
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION E (SHEET 2 OF 7,
BRAINTREE DISTRICT COUNCIL)

Application Document 7.3.C



Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
E1	A120 Coggeshall 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.

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H25-AIL3			✓	
H25-AIL4			✓	



Legend	
Temporary works	AIL access route
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	

Design Specifications of Indicative Construction Vehicles



Low Loader (Cable Drum Delivery)
Overall Length 25.440m
Overall Width 4.500m
Overall Body Height 5.000m
Max Track Width 2.500m
Kerb to Kerb Radius 14.500m

- 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 alignment would lie.
 - The plans form an Appendix to, and should be read alongside, the Outline Construction Traffic Management Plan.
 - The proposed mitigation measures have been developed through engagement with the relevant local highways authorities and, where applicable, National Highways.
 - The plans show proposed mitigation measures on the Primary Access Routes and AIL Routes.
 - 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: 581384E m	Sheet Y Centroid Coordinate: 223389N m
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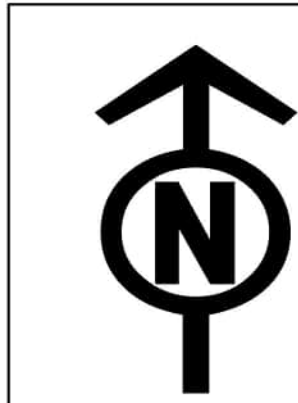
GENERAL ARRANGEMENT
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PINS Application Number EN020027

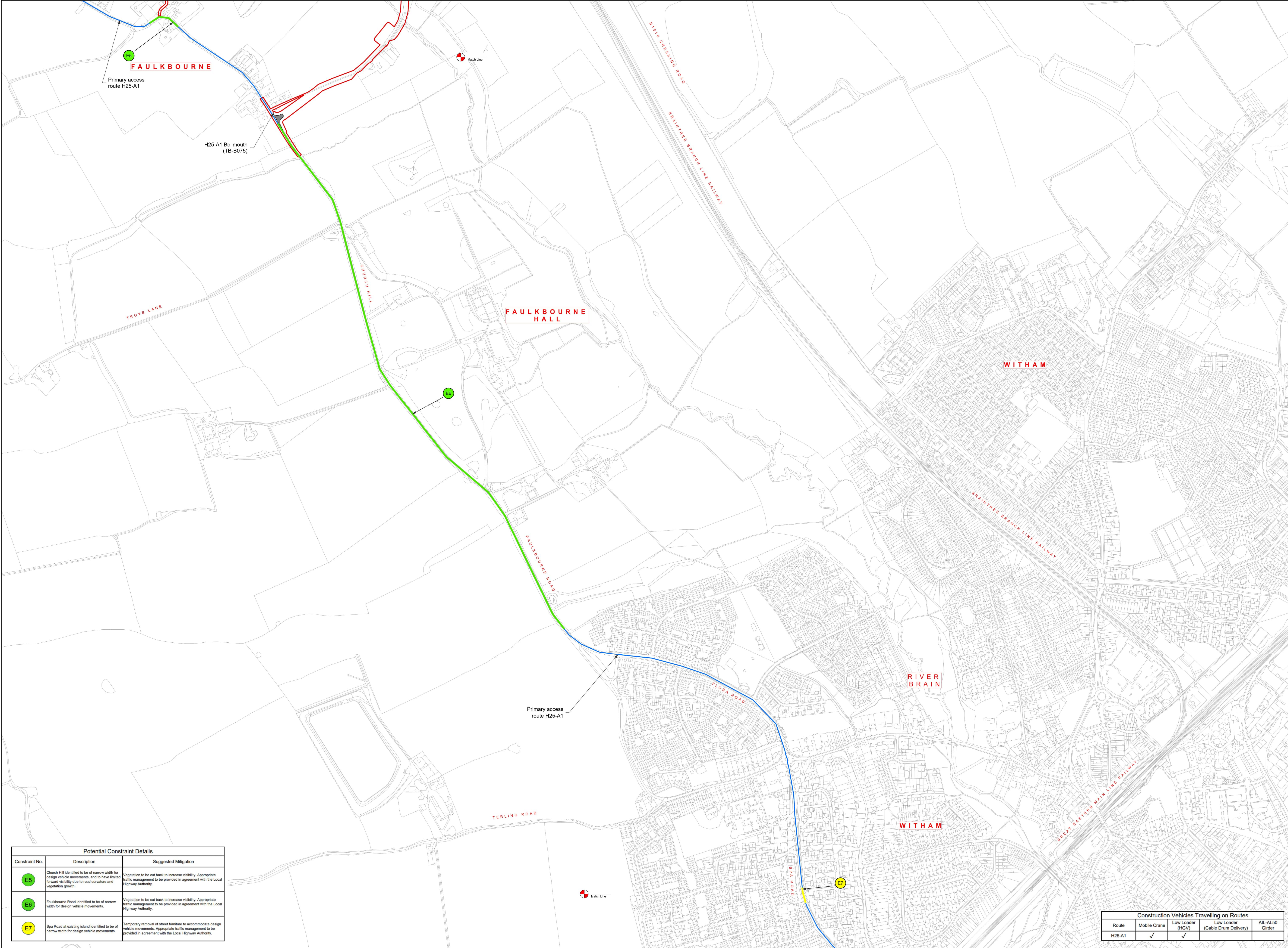
National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0093

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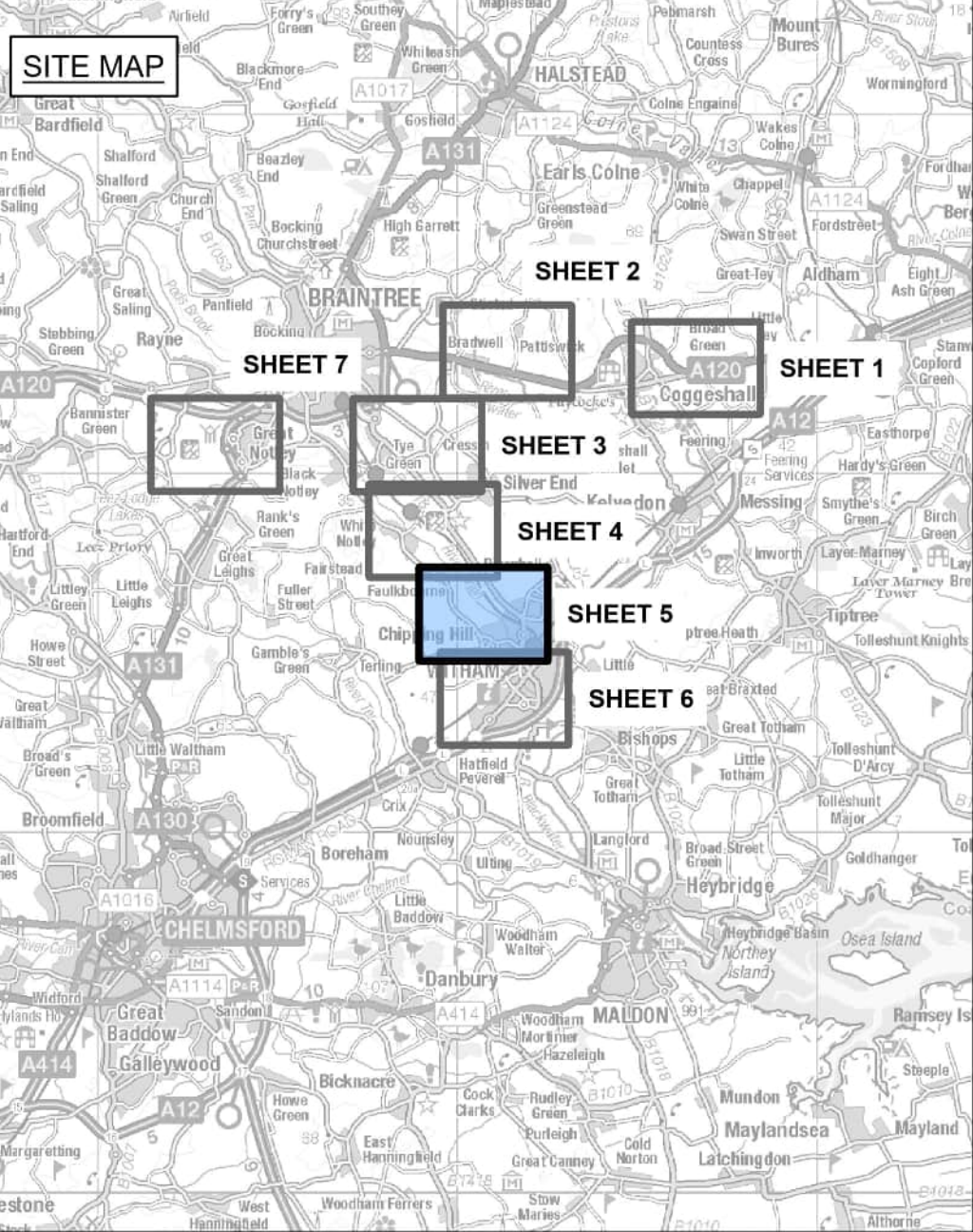


THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION E (SHEET 5 OF 7,
BRAINTREE DISTRICT COUNCIL)

Application Document 7.3.C



Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
E5	Church Hill identified to be of narrow width for design vehicle movements, and to have limited forward visibility due to road curvature and vegetation growth.	Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
E6	Faulkbourne Road identified to be of narrow width for design vehicle movements.	Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
E7	Spa Road at existing 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.



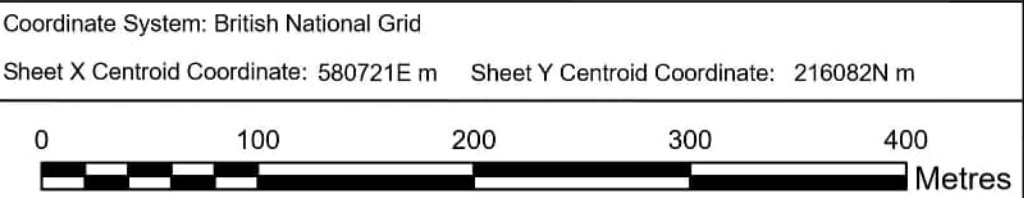
Sheet match line
Order Limits
Primary access route

Temporary works
Vegetation removal / cutting back / temporary traffic regulation orders where required
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 (bellmouth)

Design Specifications of Indicative Construction Vehicles

Mobile Crane Liebherr LTM 1250-6.1	Low Loader HGV
Overall Length 17.535m	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

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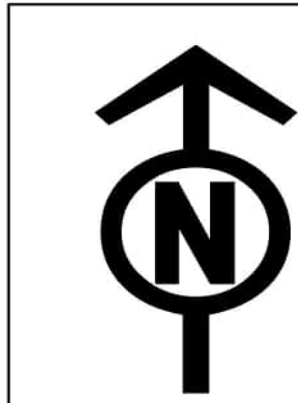
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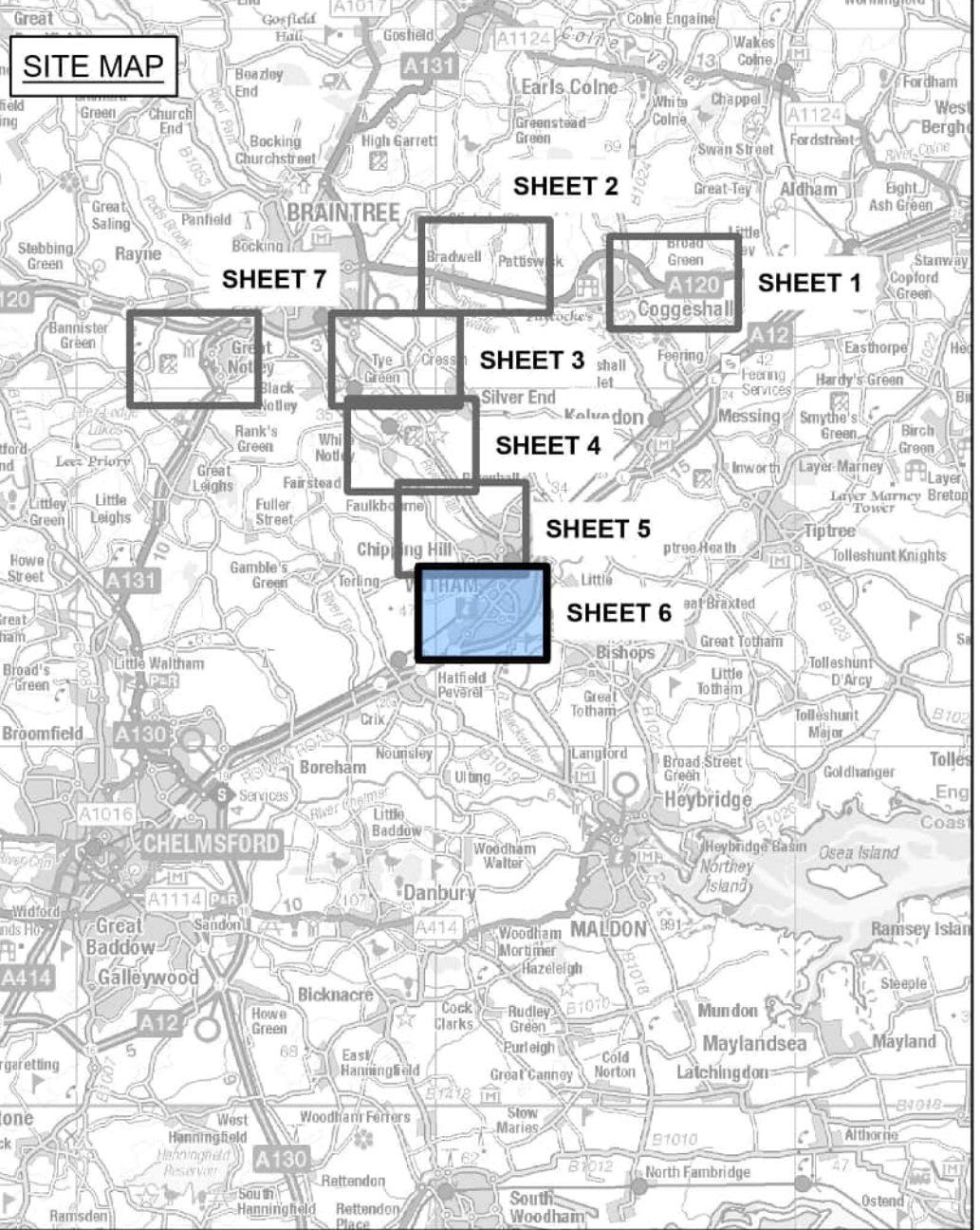
nationalgrid	
PINS Application Number	EN020027
National Grid Drawing Reference	
AENC-MMAC-ENG-DWG-0093	
Scale	1:3,500
Sheet Size	A0
Sheet	SHEET 5 OF 7
Issue	A

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H25-A1	✓	✓		



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Sheet match line
Local authority boundary
Primary 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

Design Specifications of Indicative Construction Vehicles

	
Mobile Crane Liebherr LTM 1250-6.1	Low Loader HGV
Overall Length 17.835m	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

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 581303E m Sheet Y Centroid Coordinate: 213722N m

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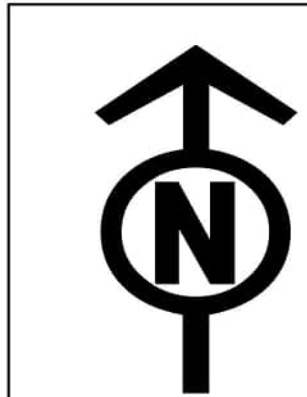
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National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0093

Scale 1:3,500 Sheet A0 Sheet SHEET 6 OF 7 Issue A

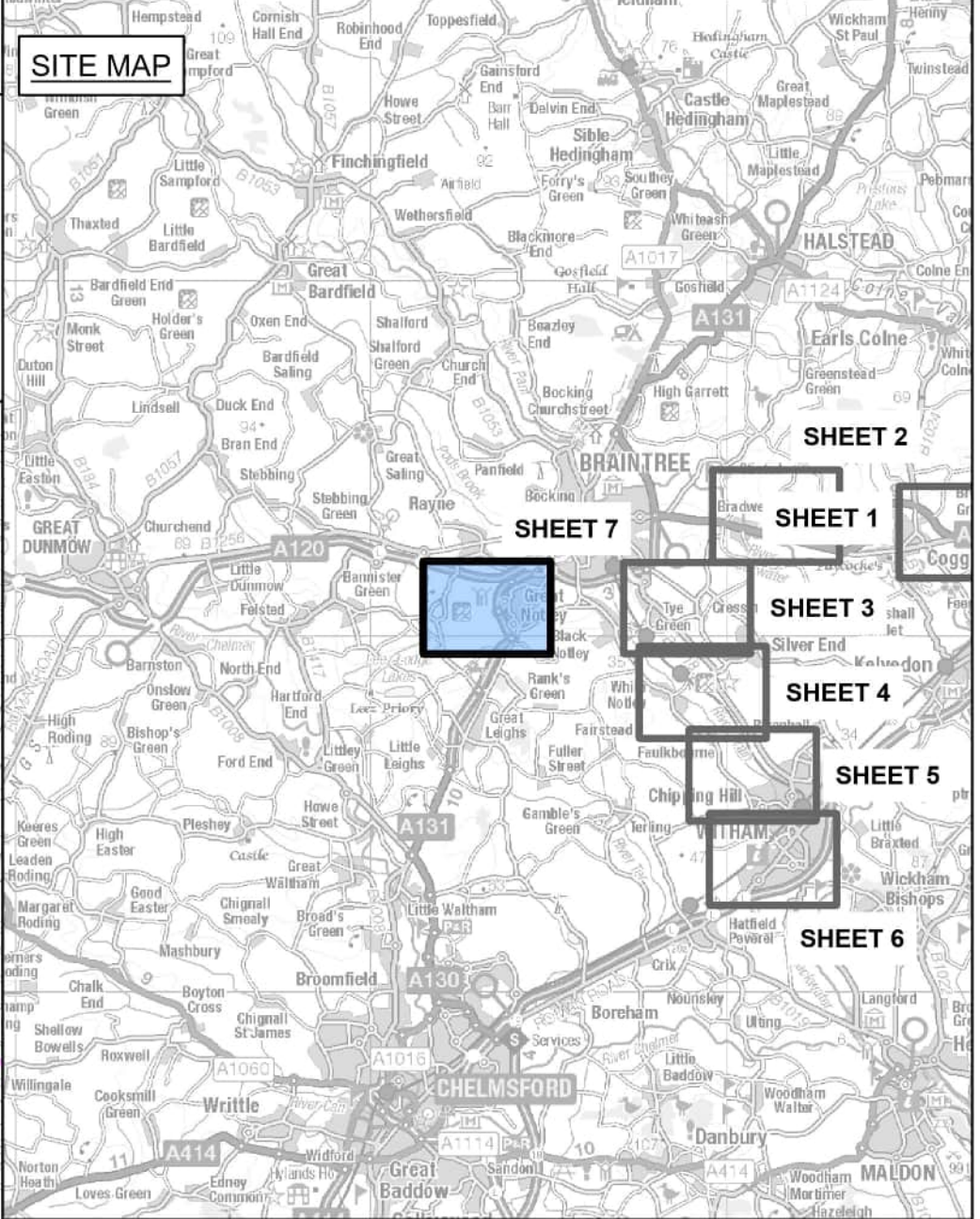
Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
E7	Spa Road at existing island identified to be of narrow width for design vehicle movements.	Temporary removal of street furniture to accommodate design vehicle movements. Appropriate traffic management to be provided in agreement with the Local Highway Authority.
E8	Spinks Lane and Highfields Road identified to be of narrow width for design vehicle movements.	Appropriate traffic management to be provided in agreement with the Local Highway Authority.
E9	Spinks Lane identified to be of narrow width for design vehicle movements.	Appropriate traffic management to be provided in agreement with the Local Highway Authority.
E10	B1389 Hatfield Road identified to be of narrow width for design vehicle movements.	Vegetation to be cut back to increase visibility. Appropriate traffic management to be provided in agreement with the Local Highway Authority.

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AL-AL50 Girder
H25-A1	✓	✓		



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- Legend:
- Local authority boundary
 - Primary access route
 - AIL access route
 - Temporary works
 - Vegetation removal / cutting back / temporary traffic regulation orders where required
 - 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

Design Specifications of Indicative Construction Vehicles

	
Mobile Crane Liebherr LTM 1250-6.1	Low Loader HGV
Overall Length 17.85m	Overall Length 16.63m
Overall Width 3.00m	Overall Width 2.50m
Overall Body Height 4.00m	Overall Body Height 3.39m
Track Width 3.00m	Max Track Width 2.50m
Kerb to Kerb Radius 11.62m	Kerb to Kerb Radius 6.79m


Low Loader (Cable Drum Delivery)
Overall Length 25.44m
Overall Width 4.50m
Overall Body Height 5.00m
Max Track Width 2.50m
Kerb to Kerb Radius 14.50m

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Sheet X Centroid Coordinate: 573260E m Sheet Y Centroid Coordinate: 220800N m

0 100 200 300 400 Metres

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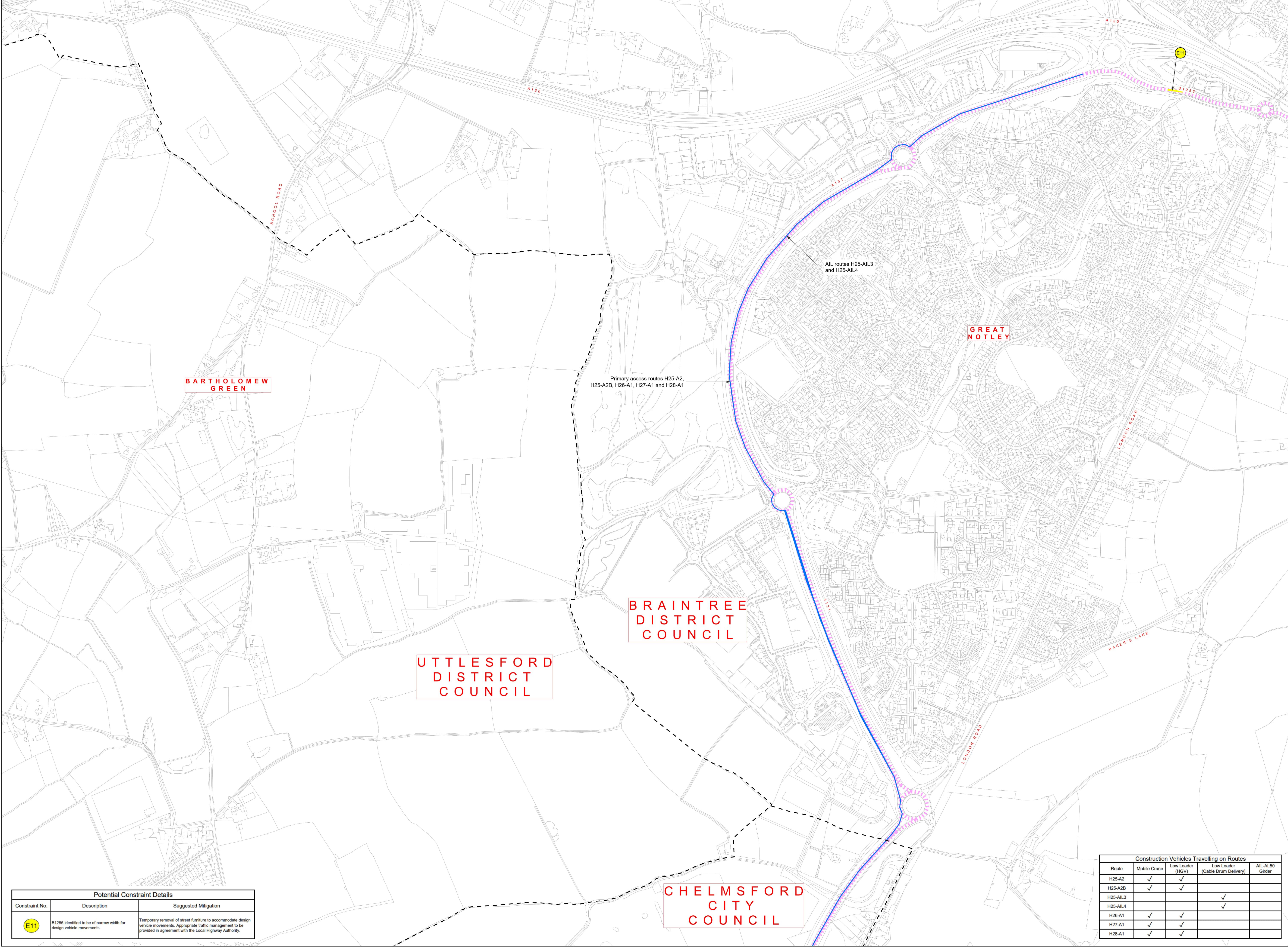
GENERAL ARRANGEMENT
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nationalgrid

PINS Application Number EN020027

National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0093

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



Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
E11	B1256 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.

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H25-A2	✓	✓		
H25-A2B	✓	✓		
H25-AIL3			✓	
H25-AIL4			✓	
H26-A1	✓	✓		
H27-A1	✓	✓		
H28-A1	✓	✓		