

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 D

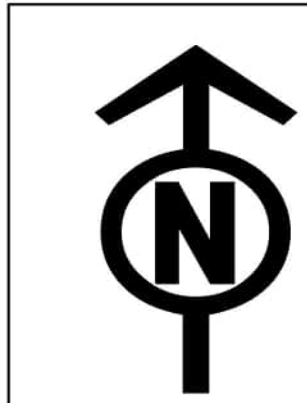
Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

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

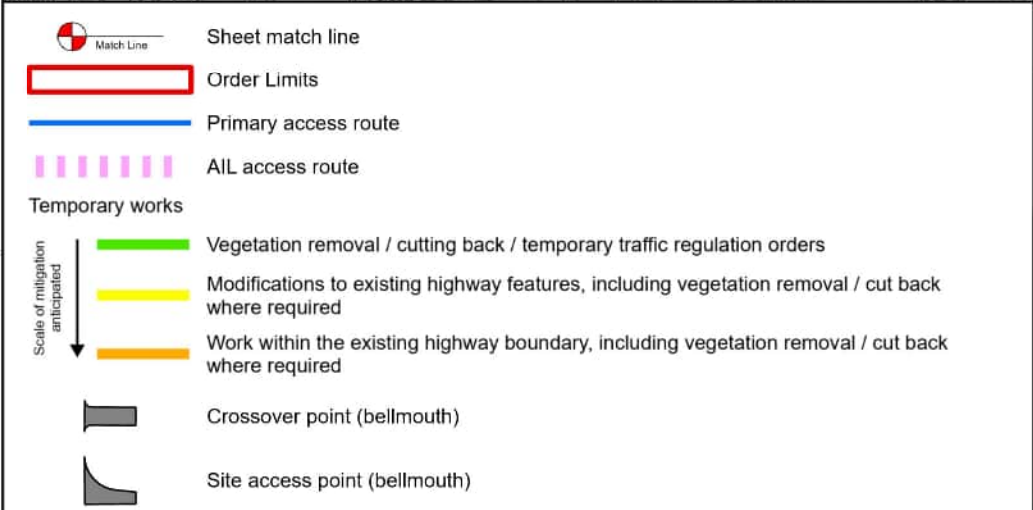
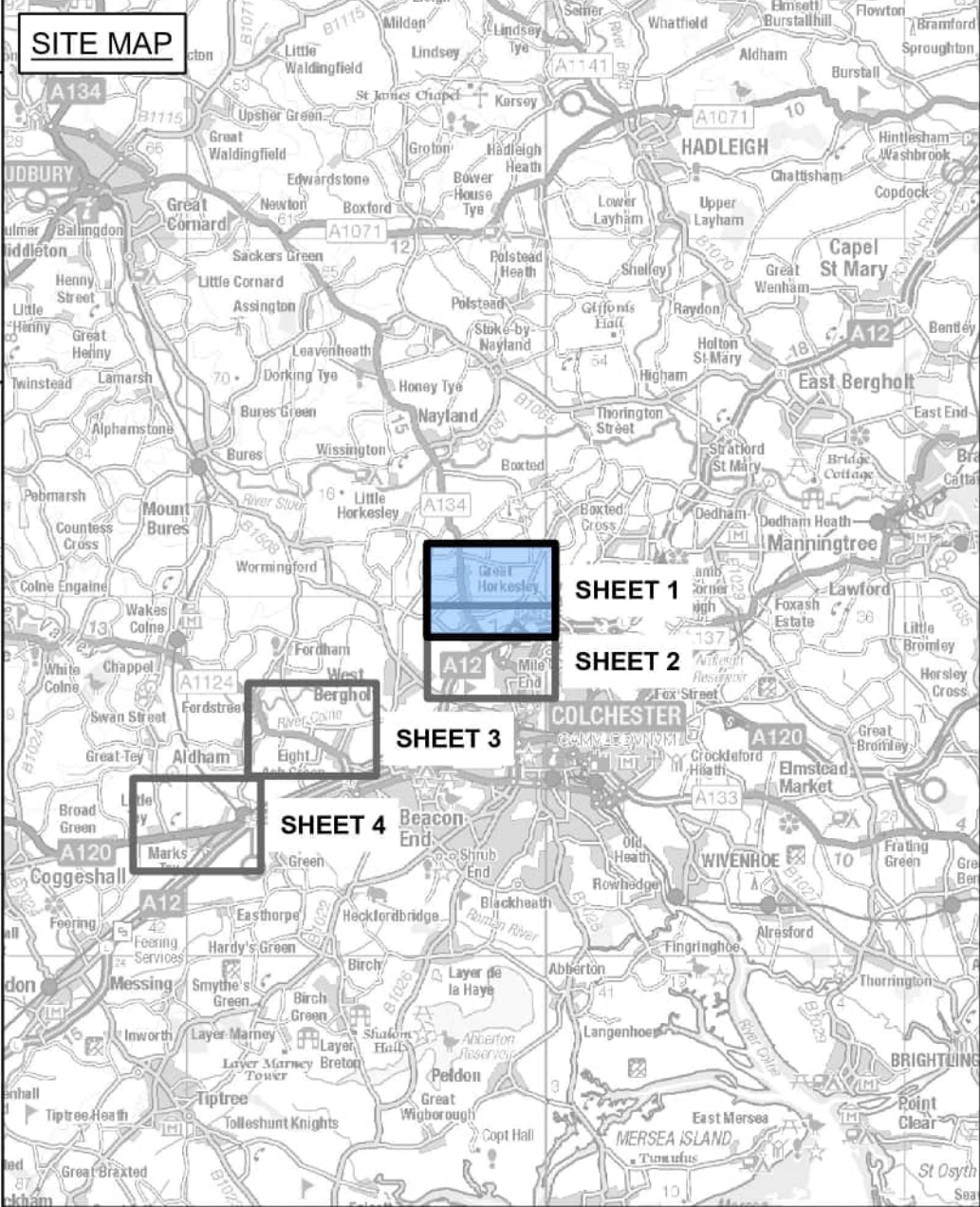
nationalgrid



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION D (SHEET 1 OF 4,
COLCHESTER CITY COUNCIL)

Application Document 7.3.C

SITE MAP



Design Specifications of Indicative Construction Vehicles

Vehicle Type	Overall Length	Overall Width	Overall Body Height	Max Track Width	Kerb to Kerb Radius
Low Loader HGV	16.633m	2.500m	3.398m	2.500m	6.790m
Low Loader (Cable Drum Delivery)	25.440m	4.500m	5.000m	2.500m	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: 596480E m Sheet Y Centroid Coordinate: 230182N m

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

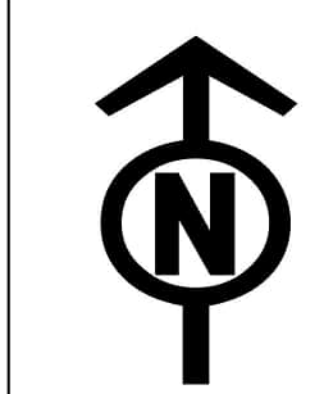
Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION D (SHEET 1 OF 4,
COLCHESTER CITY COUNCIL)

GENERAL ARRANGEMENT
FOR INFORMATION ONLY

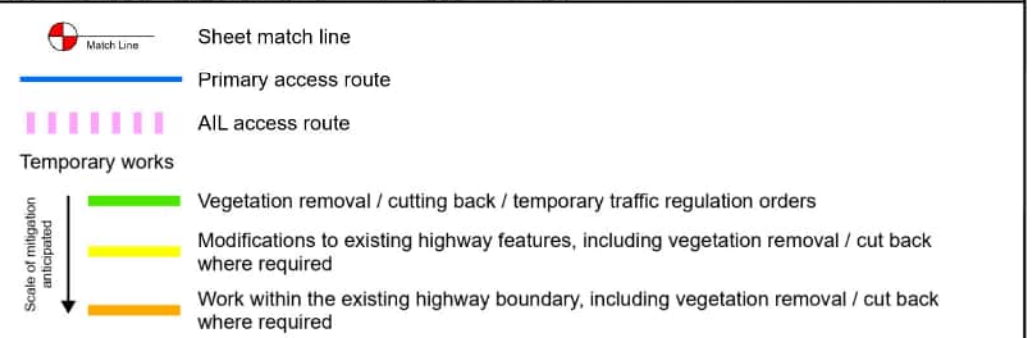
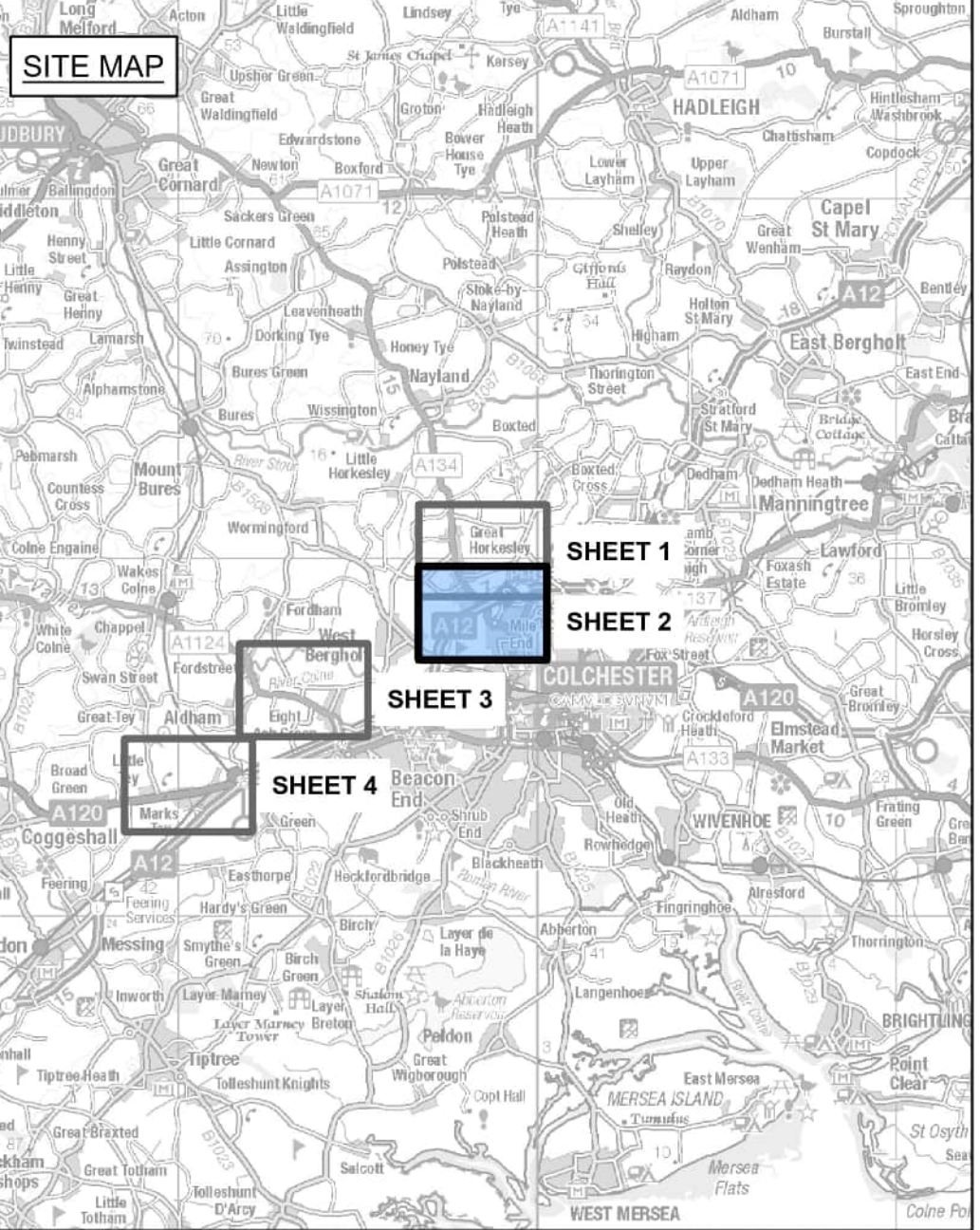
nationalgrid			
PINS Application Number		EN020027	
National Grid Drawing Reference			
AENC-MMAC-ENG-DWG-0092			
Scale	Sheet Size	Sheet	Issue
1:3,500	A0	SHEET 1 OF 4	A

Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
D1	A134 The Causeway at existing island identified as 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.
D2	A134 The Causeway at existing island identified as 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.
D3	A134 Nayland Road at existing island identified as 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.
D4	A134 Nayland Road at existing island identified as 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.
D5	A134 Nayland Road at existing island identified as 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.



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION D (SHEET 2 OF 4,
COLCHESTER CITY COUNCIL)

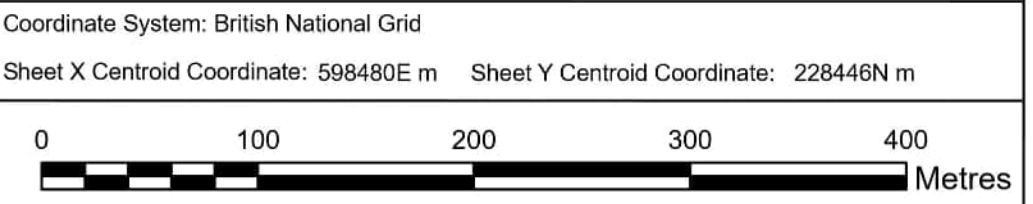
Application Document 7.3.C



Design Specifications of Indicative Construction Vehicles

Low Loader HGV	Low Loader (Cable Drum Delivery)
Overall Length	16.633m
Overall Width	2.500m
Overall Body Height	2.500m
Max Track Width	3.396m
Kerb to Kerb Radius	2.500m
	6.790m
	25.440m
	4.500m
	5.000m
	2.500m
	14.500m

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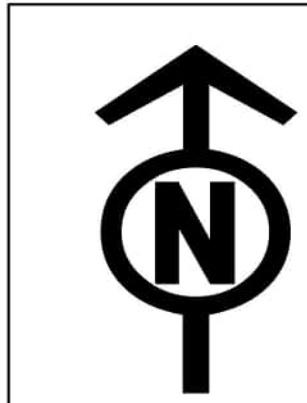
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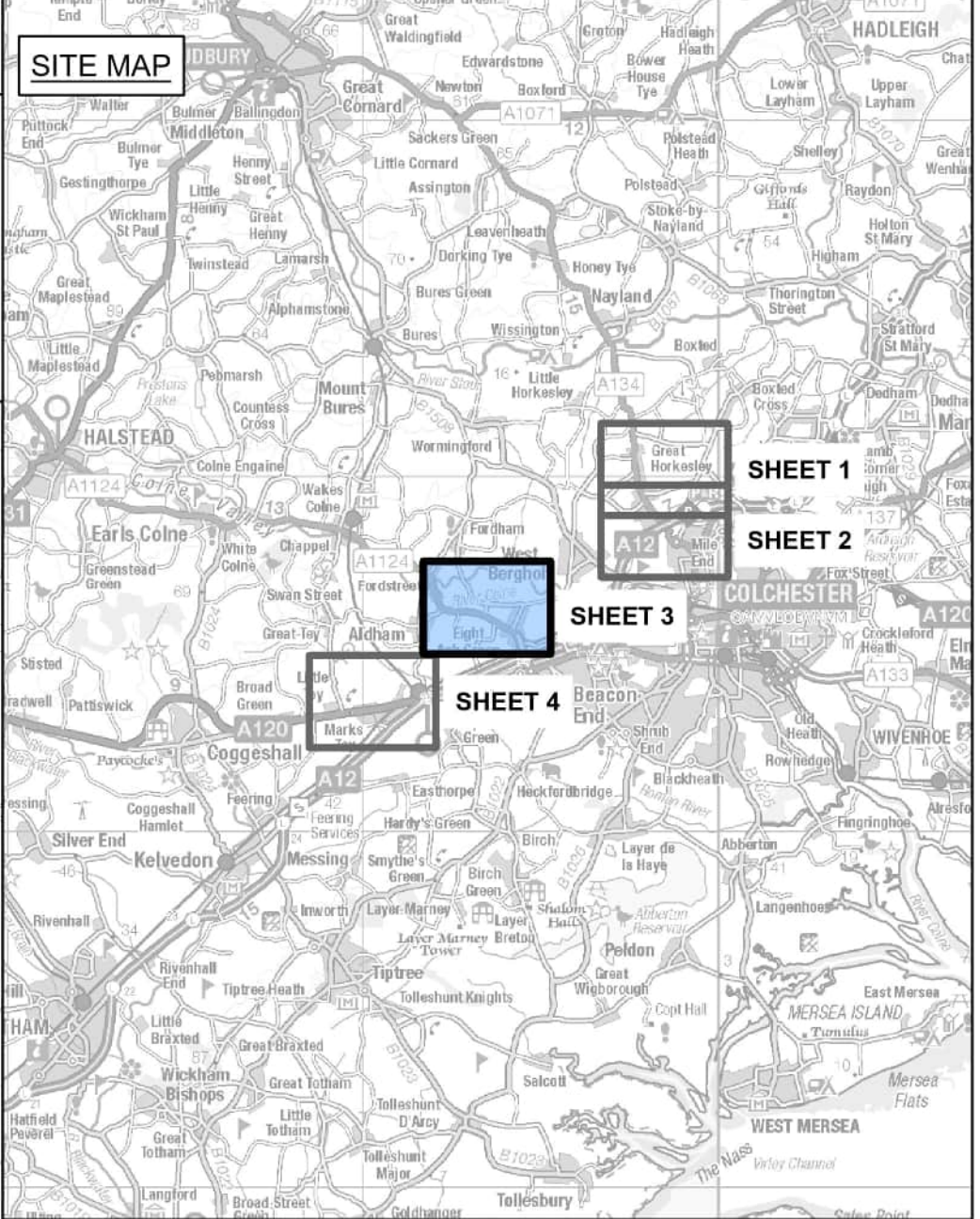
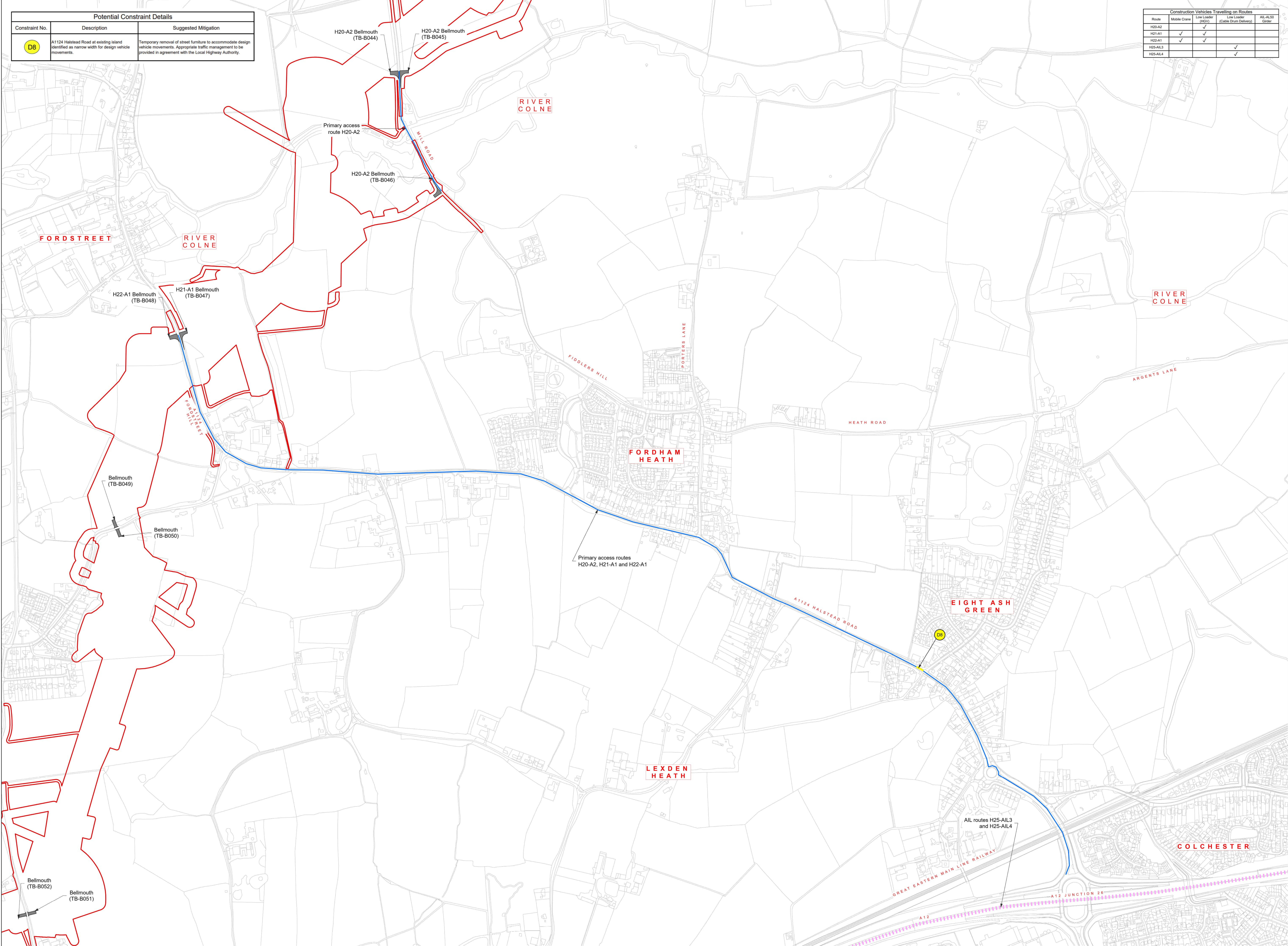
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PINS Application Number EN020027			
National Grid Drawing Reference AENC-MMAC-ENG-DWG-0092			
Scale 1:3,500	Sheet Size A0	Sheet SHEET 2 OF 4	Issue A

Construction Vehicles Travelling on Routes			
Route	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-A150 Grider
H19-A2	✓		
H19-A11		✓	
H19-A12		✓	
H20-A1	✓		
H25-A13		✓	
H25-A14		✓	



THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
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SECTION D (SHEET 3 OF 4,
COLCHESTER CITY COUNCIL)

Application Document 7.3.C



Route	Mobile Crane	Low Loader (HGV)	Life Loader (Cable Drum Delivery)	AIL-ALSO (Cable Drum Delivery)
H20-A2	✓	✓	✓	✓
H21-A1	✓	✓	✓	✓
H22-A1	✓	✓	✓	✓
H25-A1	✓	✓	✓	✓

Order Limits	Primary access route	AIL access route
Order Limits	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	Crossover point (bellmouth)	Site access point (bellmouth)

Design Specifications of Indicative Construction Vehicles		
		
Mobile Crane Liebherr LTM 1250-6.1	Low Loader HGV	
Overall Length 17.853m	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	
		
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		

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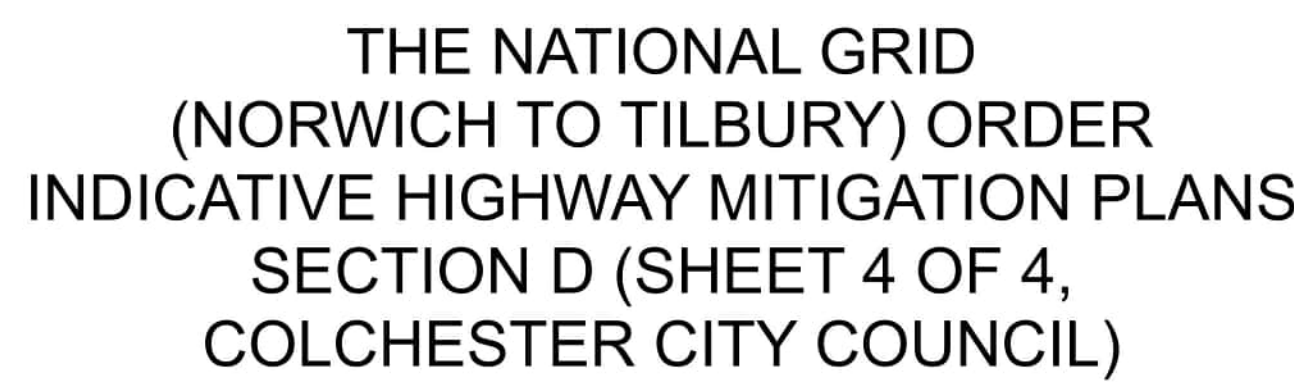
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Sheet X Centroid Coordinate: 593493E m
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Title					
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER INDICATIVE HIGHWAY MITIGATION PLANS SECTION D (SHEET 3 OF 4, COLCHESTER CITY COUNCIL)					
GENERAL ARRANGEMENT FOR INFORMATION ONLY					
nationalgrid					
PINS Application Number EN020027					
National Grid Drawing Reference AENC-MMAC-ENG-DWG-0092					
Scale 1:3,500	Sheet Size A0	Sheet SHEET 3 OF 4	Issue A		



	
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 11.824m	Kerb to Kerb Radius 6.780m
	
Low Loader (Cable Drum Delivery)	
Overall Length 25.400m	
Overall Width 4.500m	
Overall Body Height 4.500m	
Max Track Width 2.500m	
Kerb to Kerb Radius 14.500m	

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PINS Application Number	EN020027
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National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0092

<u>Scale</u> 1:3,500	<u>Sheet Size</u> A0	<u>Sheet</u> SHEET 4 OF 4	<u>Issue</u> A
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Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Girder
H23-A1	✓	✓		
H25-AIL3			✓	
H25-AIL4			✓	