

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 G

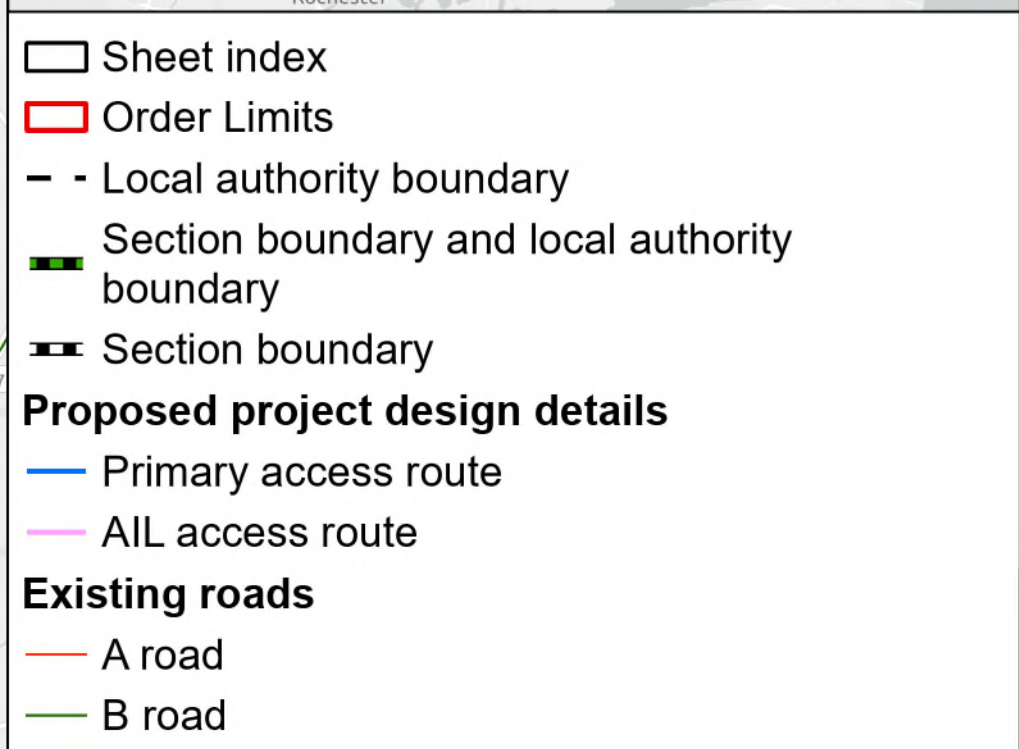
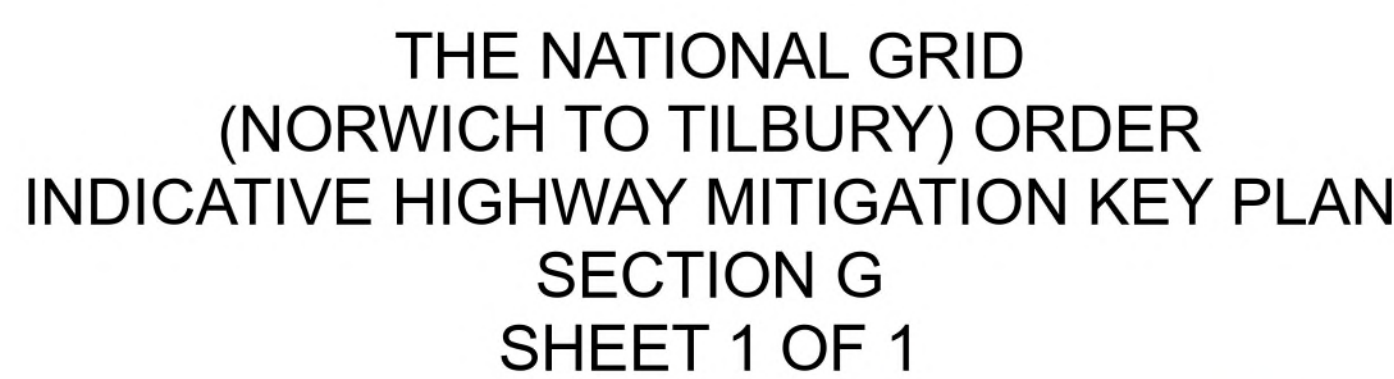
Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

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

nationalgrid



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. The 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.

A scale bar with markings at 0, 250, 500, 750, and 1,000 metres. The bar is divided into four equal segments, each representing 250 metres.

[illegible]

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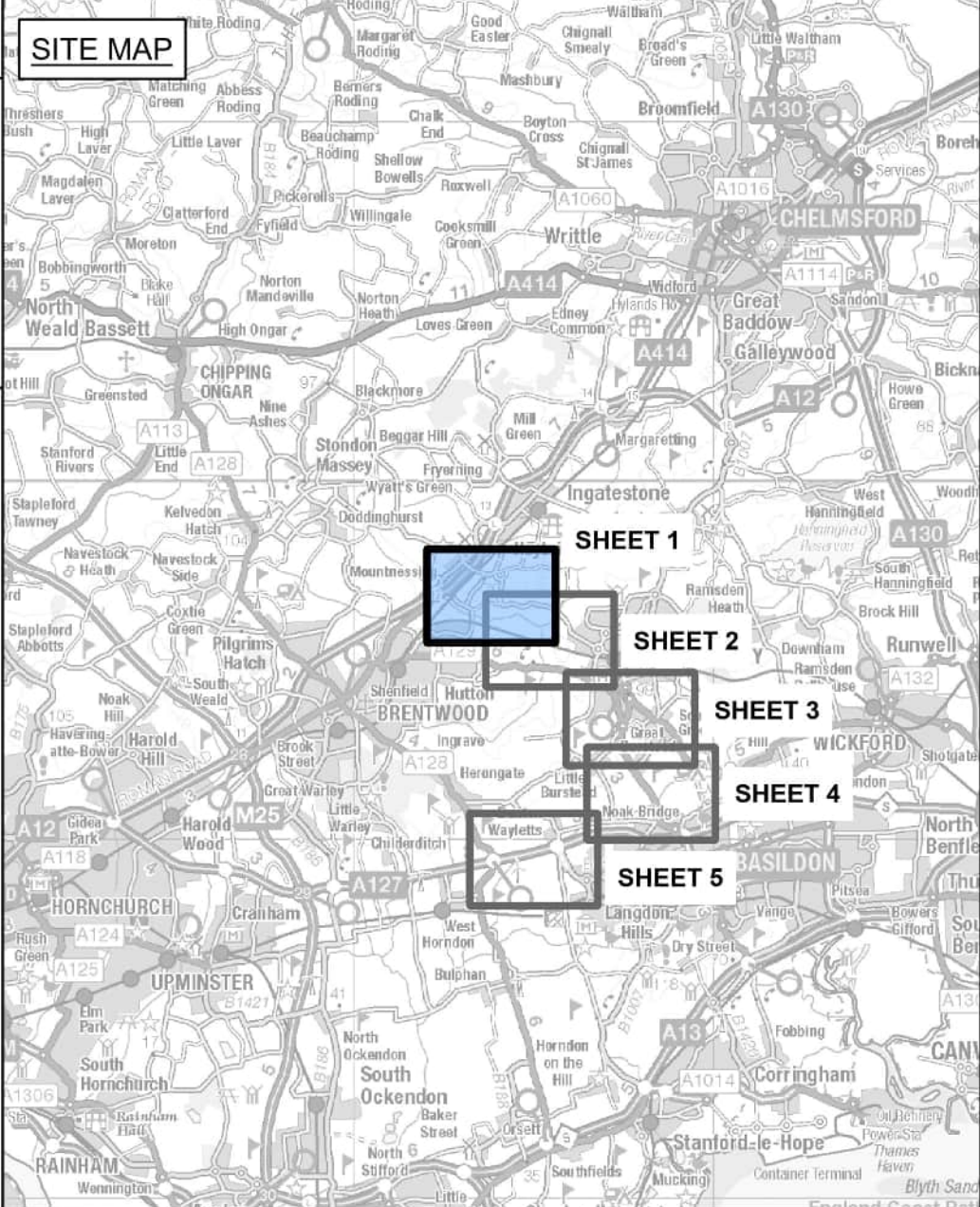
National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0095

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1:15,000	A0	SHEET 1 OF 1	A

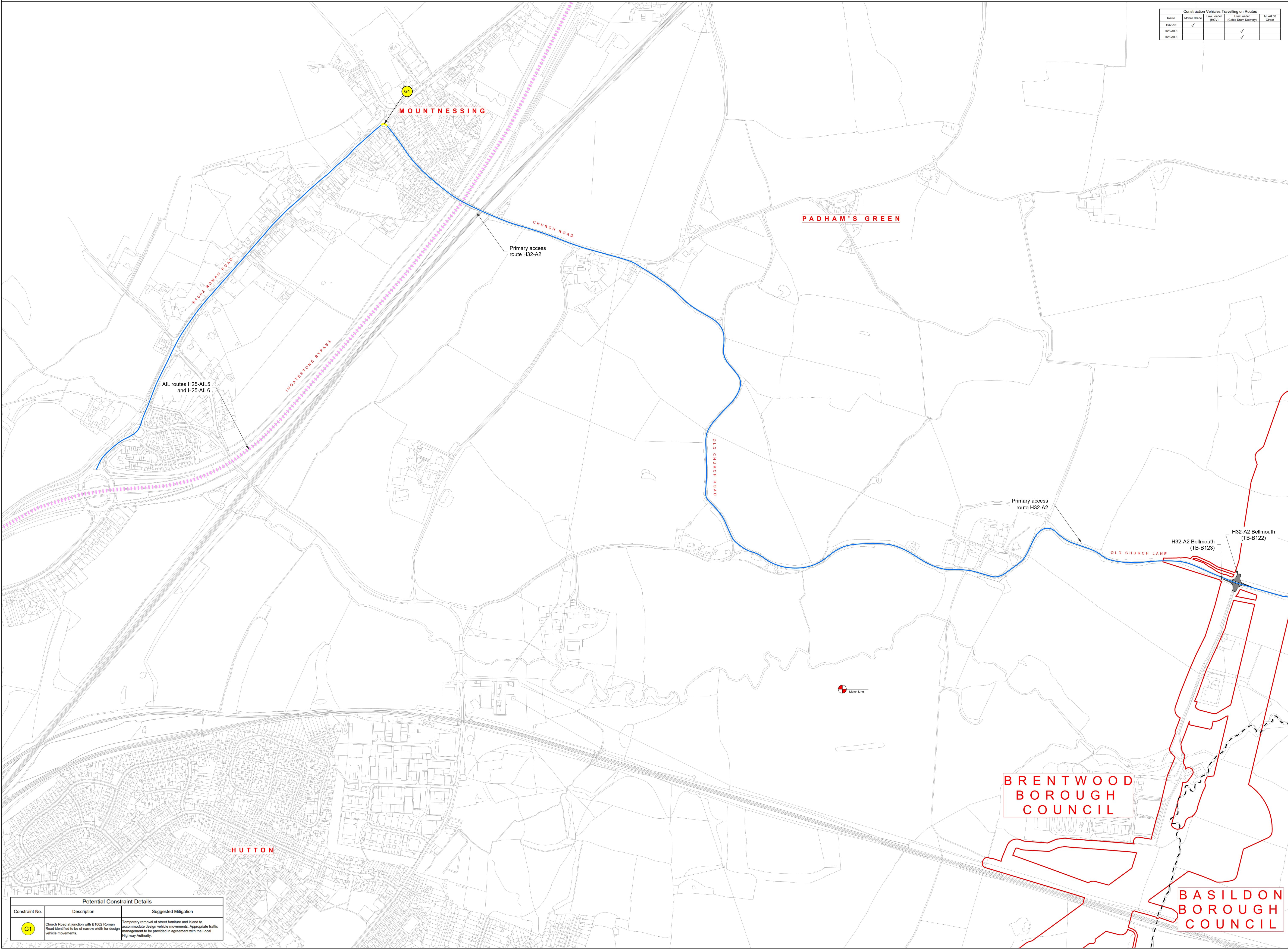


THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION G (SHEET 1 OF 5,
BRENTWOOD BOROUGH COUNCIL)

Application Document 7.3.C



Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (Cable Drum Delivery)	Low Loader (Cable Drum Delivery)	AIL-ALSD
H32-A2	✓			
H25-AIL5			✓	
H25-AIL6				✓



Symbol	Description
	Sheet match line
	Local authority boundary
	Order Limits
	Primary access route
	All 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

Vehicle Type	Specifications
	Mobile Crane Liebherr LTM 1250-6.1 Overall Length 17.85m Overall Width 3.00m Overall Body Height 4.00m Track Width 3.00m Kerb to Kerb Radius 11.62m
	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

Notes

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Coordinate System: British National Grid	
Sheet X Centroid Coordinate: 563799E m	Sheet Y Centroid Coordinate: 196781N m

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

Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION G (SHEET 1 OF 5,
BRENTWOOD BOROUGH COUNCIL)

GENERAL ARRANGEMENT
FOR INFORMATION ONLY

nationalgrid

PINS Application Number EN020027

National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0095

Scale	Sheet Size	Sheet	Issue
1:3,500	A0	SHEET 1 OF 5	A

Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
G1	Church Road at junction with B1002 Roman 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.



Application Document 7.3.C



Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 565432E m Sheet Y Centroid Coordinate: 195522N m

0 100 200 300 400
 Metres

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**THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION G (SHEET 2 OF 5,
BRENTWOOD BOROUGH COUNCIL)**

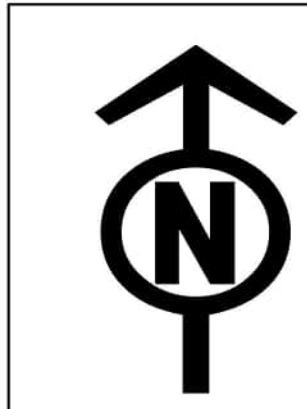
GENERAL ARRANGEMENT
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nationalgrid

PINS Application Number	EN020027
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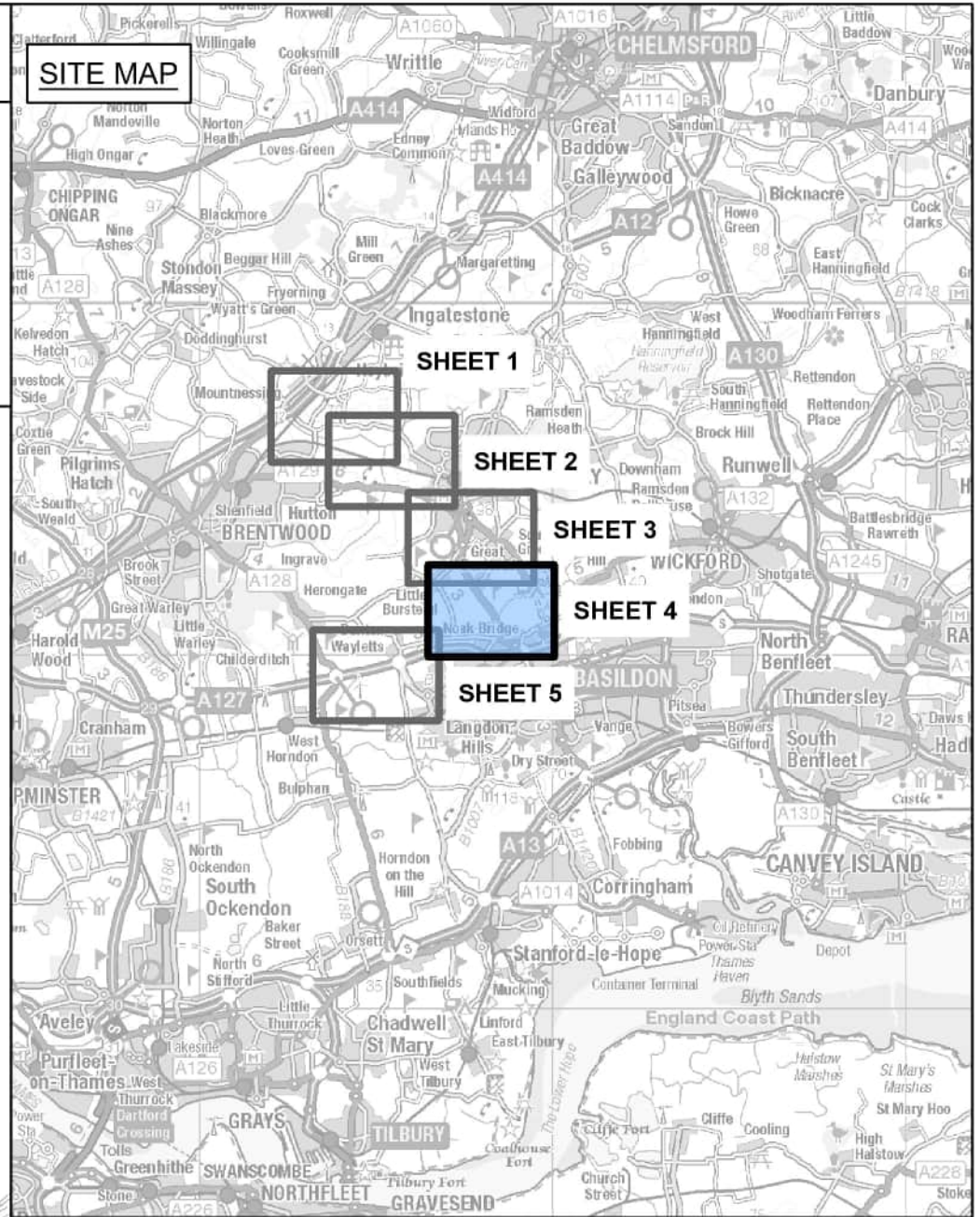
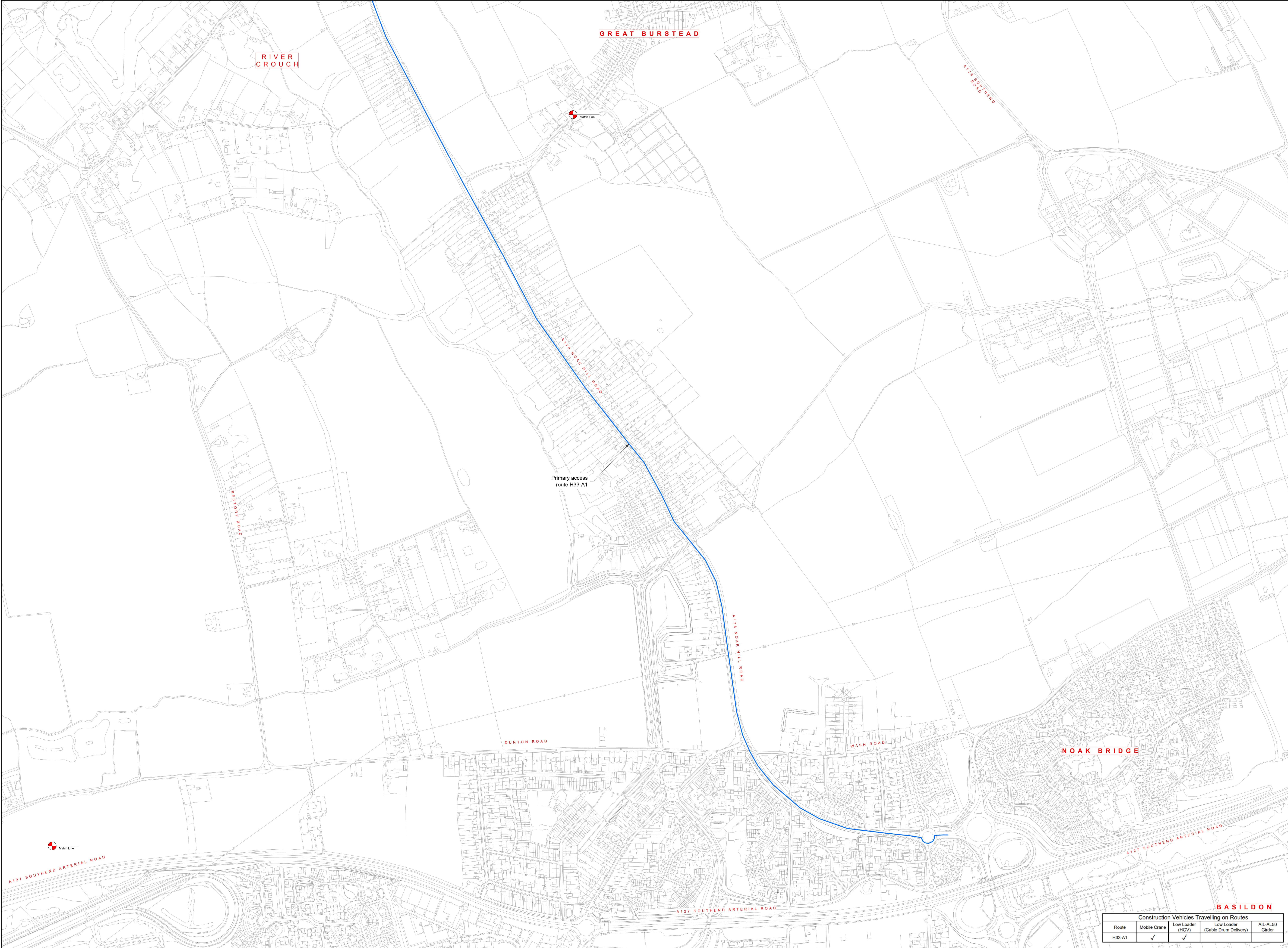
National Grid Drawing Reference
AENC-MMAC-ENG-DWG-0095

<u>Scale</u> 1:3,500	<u>Sheet Size</u> A0	<u>Sheet</u> SHEET 2 OF 5	<u>Issue</u> A
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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE HIGHWAY MITIGATION PLANS
SECTION G (SHEET 4 OF 5,
BASILDON BOROUGH COUNCIL)

Application Document 7.3.C



Sheet match line
Primary access route

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

- Notes**
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 - The plans show proposed mitigation measures on the Primary Access Routes and AL Routes.
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 586255E m Sheet Y Centroid Coordinate: 191270N m

0 100 200 300 400 Metres

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BASILDON BOROUGH COUNCIL)

GENERAL ARRANGEMENT
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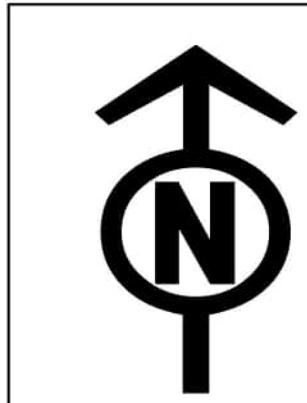
nationalgrid

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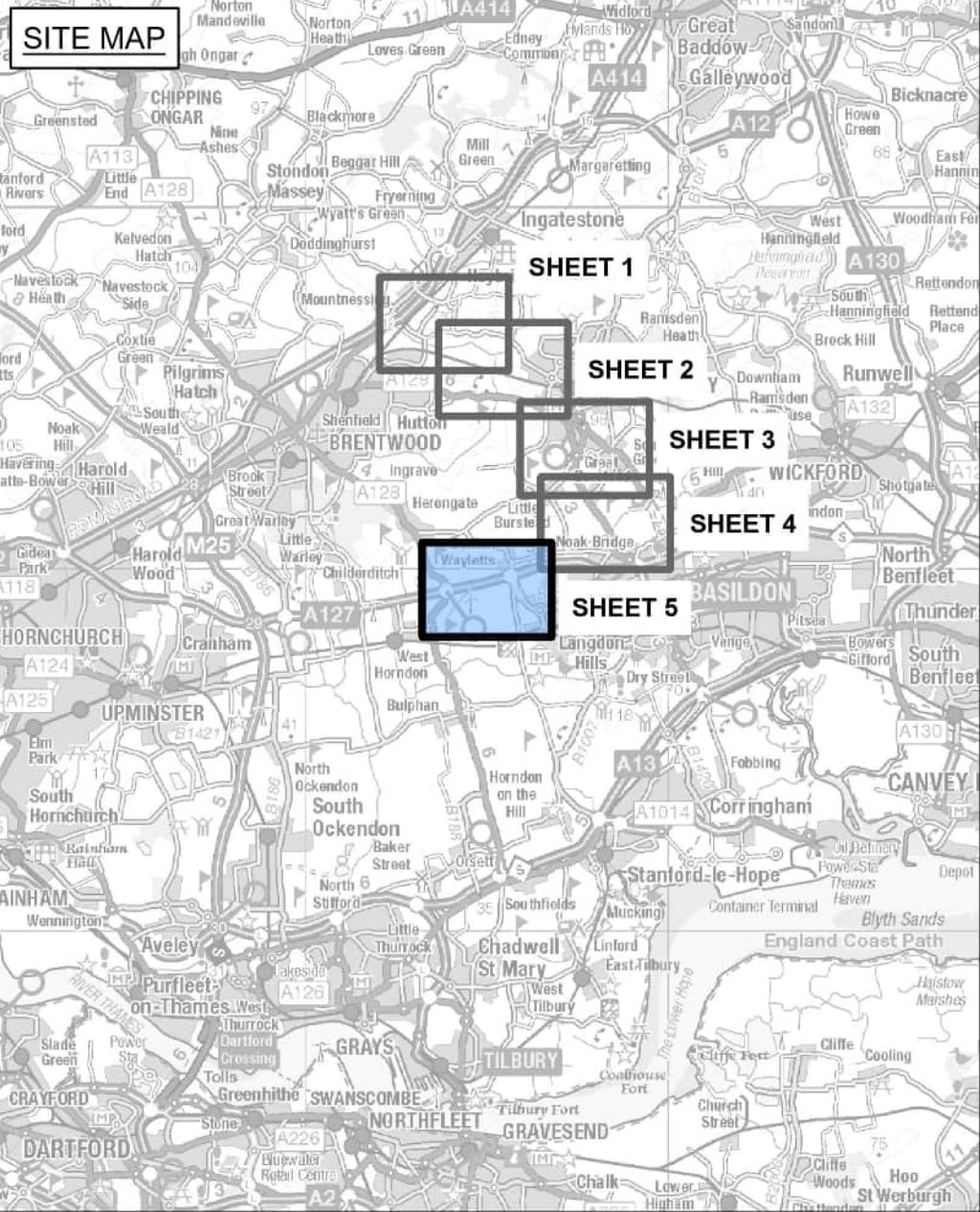
Scale	Sheet Size	Sheet	Issue
1:3,500	A0	SHEET 4 OF 5	A

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AL-AL50 Girder
H33-A1	✓	✓		



THE NATIONAL GRID
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INDICATIVE HIGHWAY MITIGATION PLANS
SECTION G (SHEET 5 OF 5,
BASILDON BOROUGH COUNCIL)

Application Document 7.3.C



Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
G4	Brentwood Road junction with existing farm access identified as narrow with and has poor forward visibility around bend for design vehicle movements.	Vegetation to be cut back to increase visibility around the bend junction to be widened within the public highway, to facilitate design vehicle movements.
C5	Section of farm access track identified as narrow width for two-way HGV movements.	Vegetation to be removed and single lane is to be widened to the west to facilitate design vehicle movements.

	Sheet match line
	Local authority boundary
	Order Limits
	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
	Includes works outside the existing highway boundary
	Crossover point (bellmouth)
	Site access point (bellmouth)
	Indicative area of carriageway widening

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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Scale	Sheet Size	Sheet	Issue
1:3,500	A0	SHEET 5 OF 5	A

Construction Vehicles Travelling on Routes				
Route	Mobile Crane	Low Loader (HGV)	Low Loader (Cable Drum Delivery)	AIL-AL50 Gilder
H33-A2	✓	✓		
H34-A1	✓	✓		