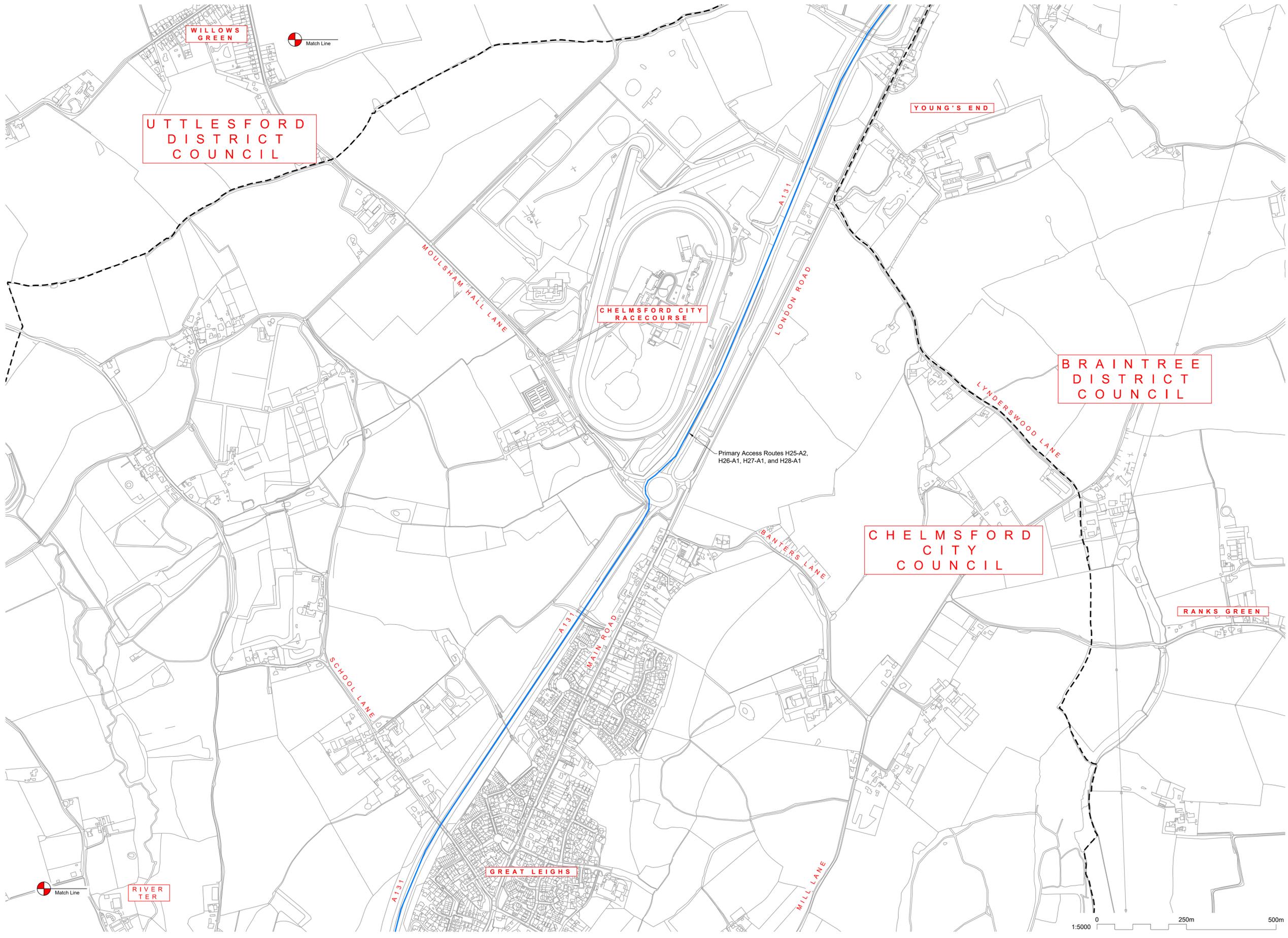




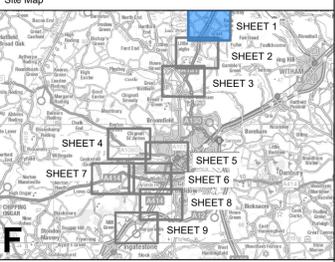
NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 1 OF 9,
CHELMSFORD CITY COUNCIL)



- Notes
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Legend

- Match Line
- Sheet match line
- Existing land boundary
- Local Authority Boundary
- Proposed land use
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- Proposed project design details
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- New overhead line
- New lattice pylon
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- Vegetation Removal / Cutting Back / Temporary Traffic Regulation Orders
- Modifications to existing highway features
- Work within the existing highway boundary
- Work outside the existing highway boundary. Based upon assumption of highway boundary extents.
- Site Access Point (Bellmouth)



Design Specifications of Indicative Construction Vehicles

Mobile Crane Liebherr LTM 1250-6.1	Low Loader (Cable Drum Delivery)
Overall Length 17.835m	Overall Length 25.440m
Overall Width 3.000m	Overall Width 4.500m
Overall Body Height 4.000m	Overall Body Height 5.000m
Track Width 3.000m	Max Track Width 2.500m
Kerb to Kerb Radius 11.624m	Kerb to Kerb Radius 14.500m

Low Loader HGV	
Overall Length 16.633m	
Overall Width 2.500m	
Overall Body Height 3.390m	
Max Track Width 2.500m	
Kerb to Kerb Radius 6.790m	

Drawing References (Section F)

- For information regarding the proposed project design details please refer to the 'Consultation Plans'

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 573185 Sheet Y Centroid Coordinate: 218410

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OFFICE FOR NATIONAL STATISTICS LICENSED UNDER THE OPEN GOVERNMENT LICENCE V.3.0

Issue	Date	FOR STATUTORY CONSULTATION	AJM	WES	AMR
		Remarks	Drawn	Checked	Approved

Title NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION
ACCESS PLAN
SECTION F (SHEET 1 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H25-A2, H26-A1,
H27-A1, AND H28-A1
GENERAL ARRANGEMENT

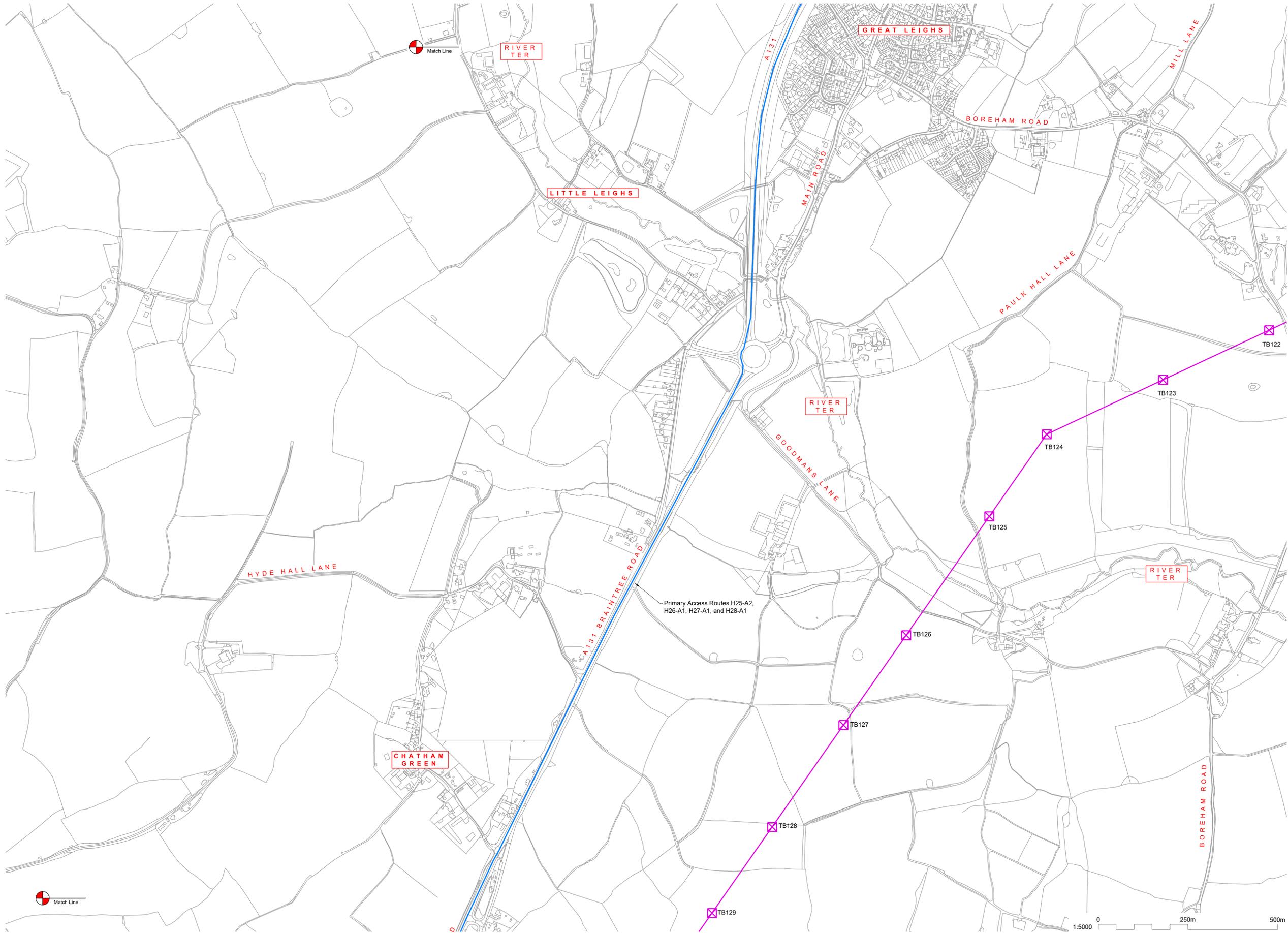
Application Number

National Grid Drawing Reference AENC-NG-ENG-PLN-0027

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 1 OF 9	A



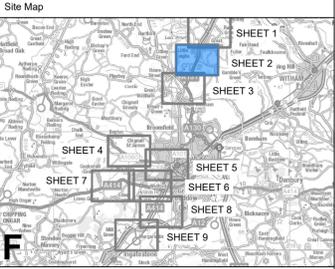
NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 2 OF 9,
CHELMSFORD CITY COUNCIL)



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- Match Line
- Sheet match line
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Mobile Crane Liebherr LTM 1250-6.1	Low Loader (Cable Drum Delivery)
Overall Length 17.835m	Overall Length 25.440m
Overall Width 3.000m	Overall Width 4.500m
Overall Body Height 4.000m	Overall Body Height 5.000m
Track Width 3.000m	Max Track Width 2.500m
Kerb to Kerb Radius 11.624m	Kerb to Kerb Radius 14.500m

Low Loader HGV	
Overall Length 16.633m	
Overall Width 2.500m	
Overall Body Height 3.350m	
Max Track Width 2.500m	
Kerb to Kerb Radius 6.790m	

Drawing References (Section F)

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 572147 Sheet Y Centroid Coordinate: 216067

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Issue	Date	FOR STATUTORY CONSULTATION	AJM	WES	AMR
	April 2024				

Title NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION
ACCESS PLAN
SECTION F (SHEET 2 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H25-A2, H26-A1,
H27-A1, AND H28-A1
GENERAL ARRANGEMENT

nationalgrid

Application Number

National Grid Drawing Reference

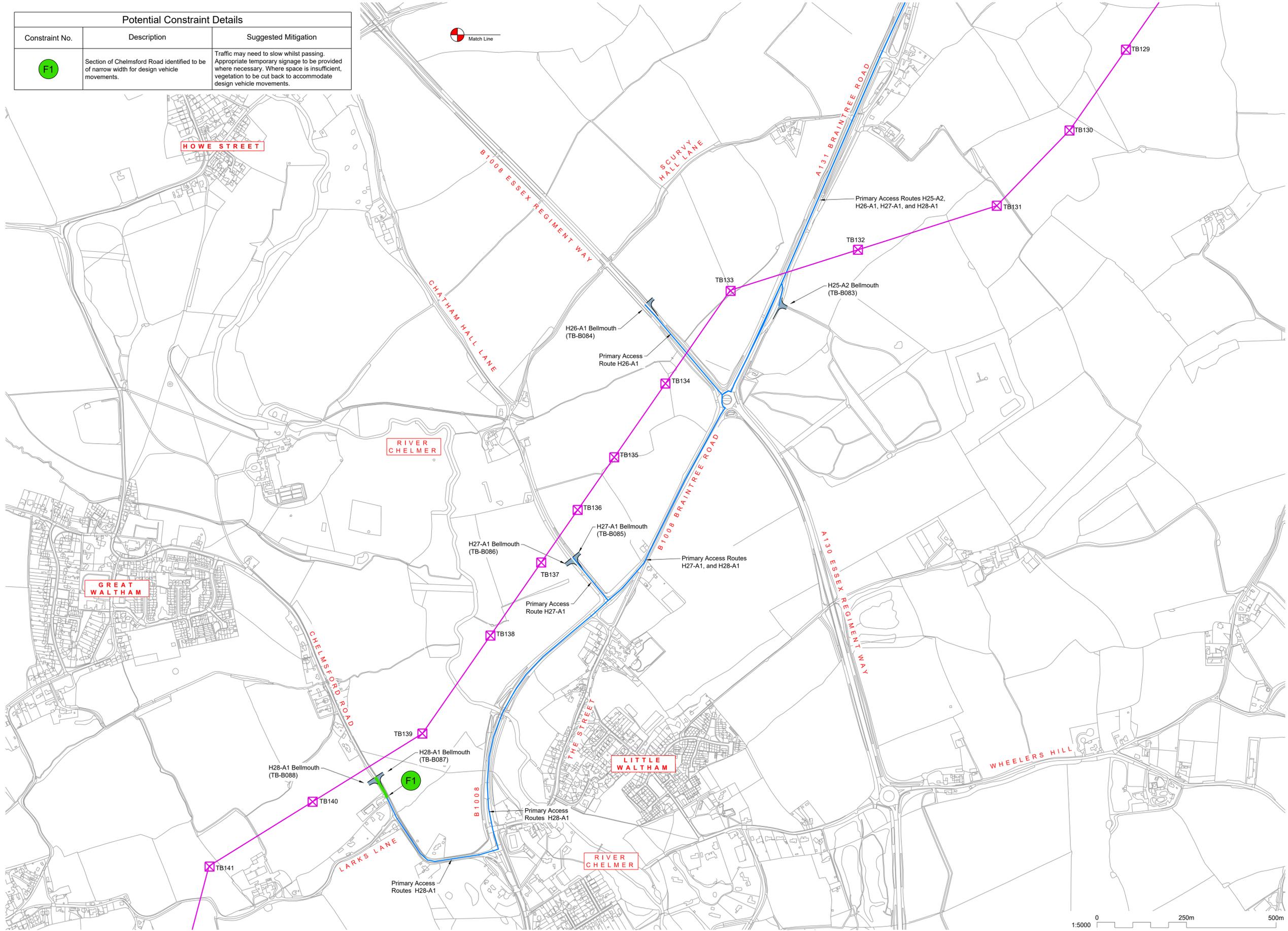
Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 2 OF 9	A

AENC-NG-ENG-PLN-0027



**NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 3 OF 9,
CHELMSFORD CITY COUNCIL)**

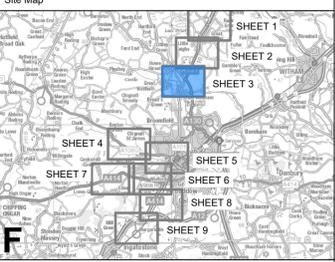
Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
F1	Section of Chelmsford Road identified to be of narrow width for design vehicle movements.	Traffic may need to slow whilst passing. Appropriate temporary signage to be provided where necessary. Where space is insufficient, vegetation to be cut back to accommodate design vehicle movements.



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Legend

- Sheet match line
- Local Authority Boundary
- Existing land boundary
- Proposed land use
- Indicative Highway Mitigation Draft Order Limits
- Proposed project design details
- Existing, proposed extension or proposed new substation boundary
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- New underground cable swathe centreline
- New overhead line
- New lattice pylon
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- Vegetation Removal / Cutting Back / Temporary Traffic Regulation Orders
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- Work outside the existing highway boundary. Based upon assumption of highway boundary extents.
- Site Access Point (Bellmouth)



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Overall Length 17.835m	Overall Length 25.440m
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Overall Body Height 4.000m	Overall Body Height 5.000m
Track Width 3.000m	Max Track Width 2.500m
Kerb to Kerb Radius 11.624m	Kerb to Kerb Radius 14.500m
Low Loader HGV	
Overall Length 16.633m	
Overall Width 2.500m	
Overall Body Height 3.390m	
Max Track Width 2.500m	
Kerb to Kerb Radius 6.790m	

Drawing References (Section F)

- For information regarding the proposed project design details please refer to the 'Consultation Plans'

Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 570989 Sheet Y Centroid Coordinate: 213667

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A	April 2024	FOR STATUTORY CONSULTATION	AJM	WES	AMR
Issue	Date	Remarks	Drawn	Checked	Approved

Title NATIONAL GRID (NORWICH TO TILBURY)
 S.42 CONSULTATION CONSTRUCTION
 ACCESS PLAN
 SECTION F (SHEET 3 OF 9,
 CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H25-A2, H26-A1,
 H27-A1 AND H28-A1
 GENERAL ARRANGEMENT

nationalgrid

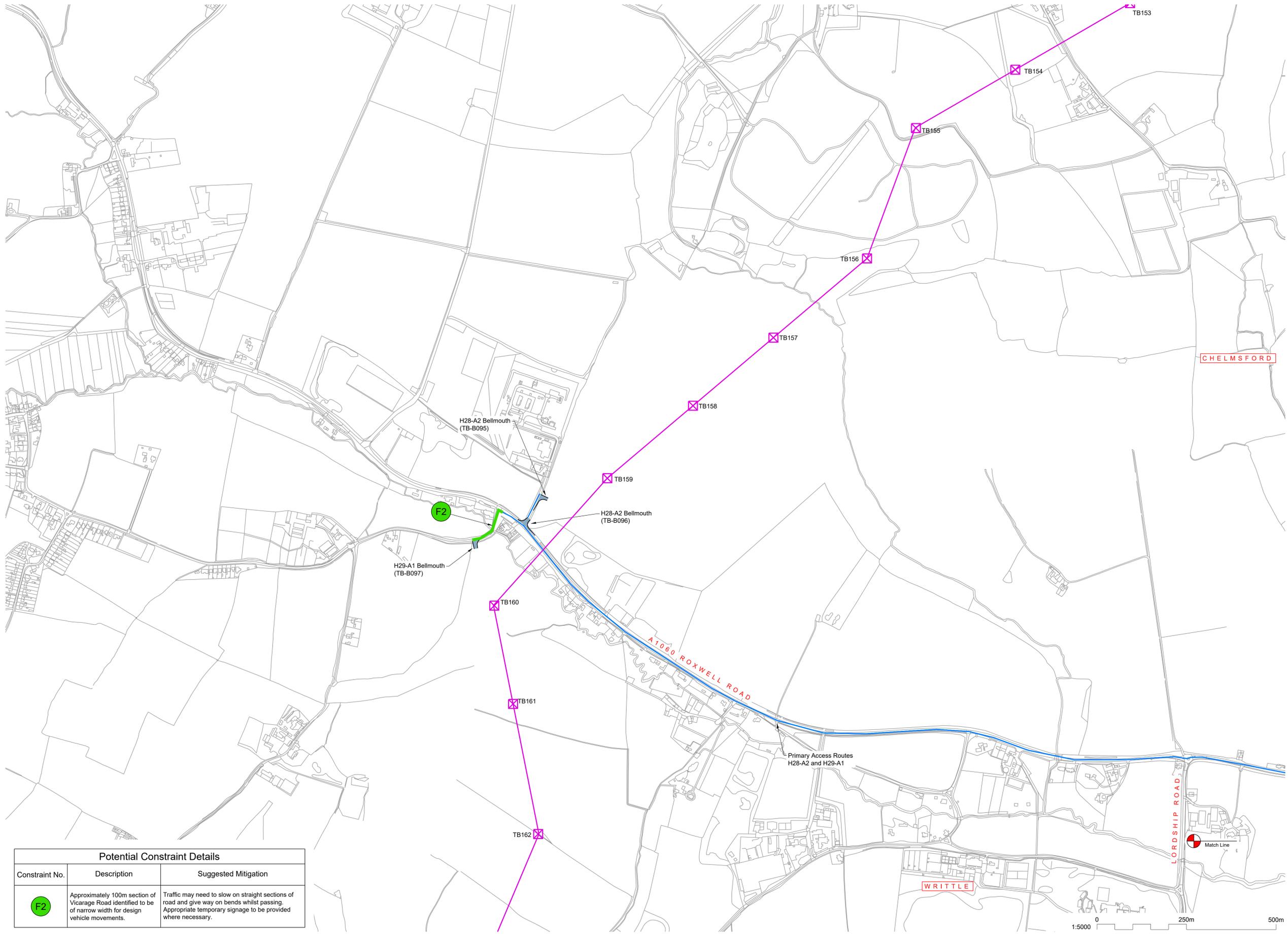
Application Number

National Grid Drawing Reference: AENC-NG-ENG-PLN-0027

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 3 OF 9	A



NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 4 OF 9,
CHELMSFORD CITY COUNCIL)

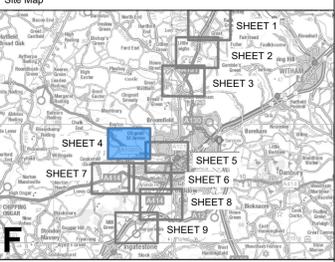


Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
F2	Approximately 100m section of Vicarage Road identified to be of narrow width for design vehicle movements.	Traffic may need to slow on straight sections of road and give way on bends whilst passing. Appropriate temporary signage to be provided where necessary.

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Legend

- Sheet match line
- Existing land boundary: Local Authority Boundary
- Proposed land use: Indicative Highway Mitigation Draft Order Limits
- Proposed project design details:
 - Existing, proposed extension or proposed new substation boundary
 - Primary Access Route (No works anticipated)
 - Proposed new private access road
 - New underground cable swathe centreline
 - New overhead line
 - New lattice pylon
- Temporary works:
 - Vegetation Removal / Cutting Back / Temporary Traffic Regulation Orders
 - Modifications to existing highway features
 - Work within the existing highway boundary
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 - Site Access Point (Bellmouth)



Design Specifications of Indicative Construction Vehicles

Vehicle	Overall Length	Overall Width	Overall Body Height	Track Width	Kerb to Kerb Radius
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Low Loader HGV	16.633m	2.500m	3.396m	2.500m	6.790m

Drawing References (Section F)

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 566383 Sheet Y Centroid Coordinate: 208375

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A	April 2024	FOR STATUTORY CONSULTATION	AJM	WES	AMR
Issue	Date	Remarks	Drawn	Checked	Approved

Title: NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 4 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H28-A2 AND H29-A1
GENERAL ARRANGEMENT

nationalgrid

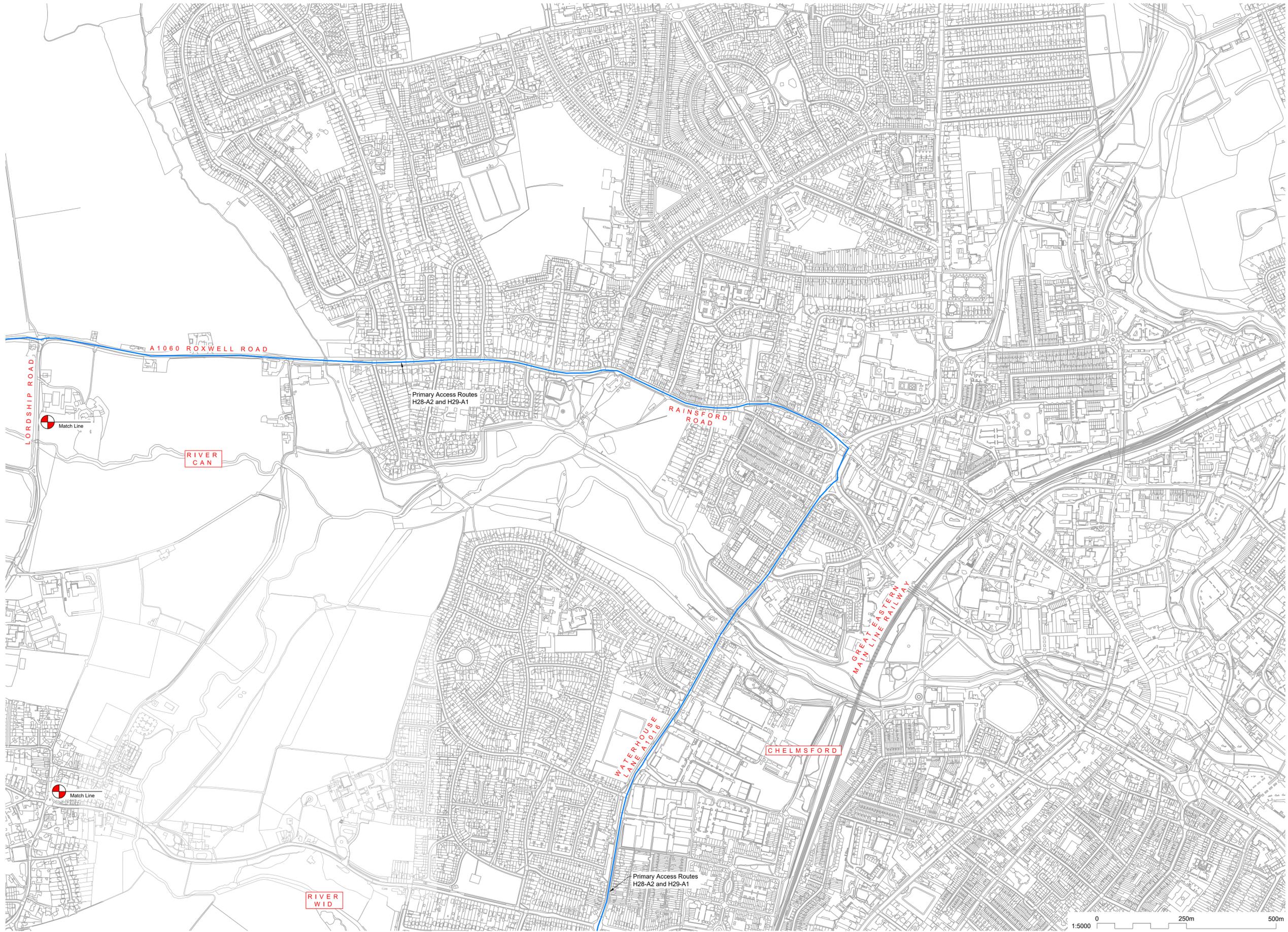
Application Number: AENC-NG-ENG-PLN-0027

National Grid Drawing Reference

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 4 OF 9	A



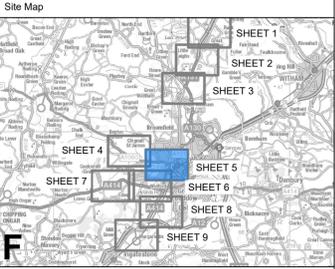
NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 5 OF 9,
CHELMSFORD CITY COUNCIL)



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Drawing References (Section F)

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 569582 Sheet Y Centroid Coordinate: 207210

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OFFICE FOR NATIONAL STATISTICS LICENSED UNDER THE OPEN GOVERNMENT LICENCE V.3.0

Issue	Date	Remarks	Drawn	Checked	Approved
A	April 2024	FOR STATUTORY CONSULTATION	AJM	WES	AMR

Title: NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 5 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H28-A2 AND 29-A1
GENERAL ARRANGEMENT

nationalgrid

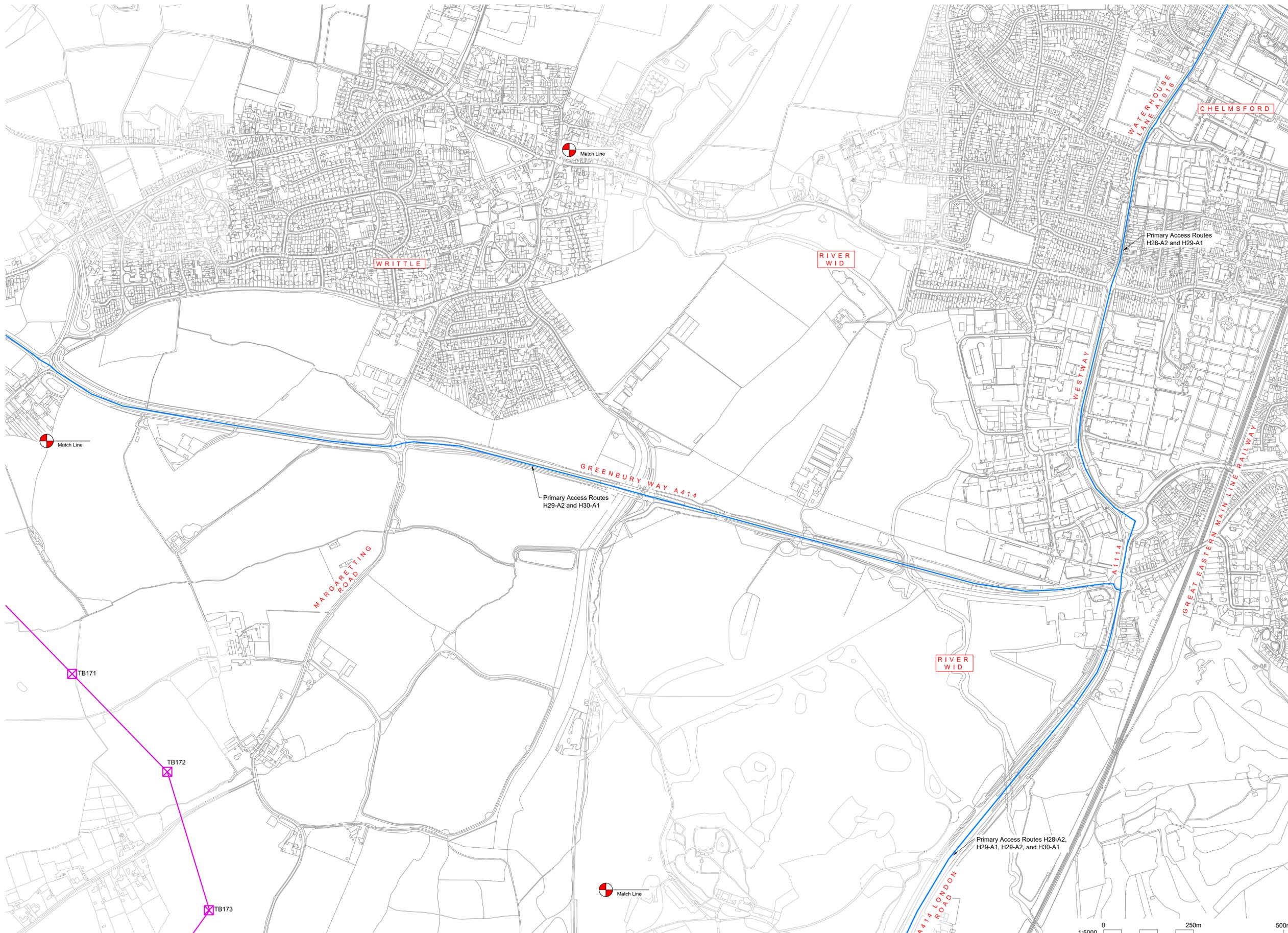
Application Number

National Grid Drawing Reference: AENC-NG-ENG-PLN-0028

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 5 OF 9	A



NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 6 OF 9,
CHELMSFORD CITY COUNCIL)



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Legend

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- Site Access Point (Bellmouth)

Scale of Mitigation

Site Map

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	17.835m	3.000m	4.000m	3.000m	11.624m
Low Loader HGV	16.633m	2.500m	3.386m	2.500m	6.790m

Drawing References (Section F)

For information regarding the proposed project design details please refer to the 'Consultation Plans'

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 568167 Sheet Y Centroid Coordinate: 205417

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Issue	Date	FOR STATUTORY CONSULTATION	Remarks	Drawn	Checked	Approved
A	April 2024			AJM	WES	AMR

Title: NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION
ACCESS PLAN
SECTION F (SHEET 6 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H28-A2, H29-A1,
H29-A2, AND H30-A1
GENERAL ARRANGEMENT

nationalgrid

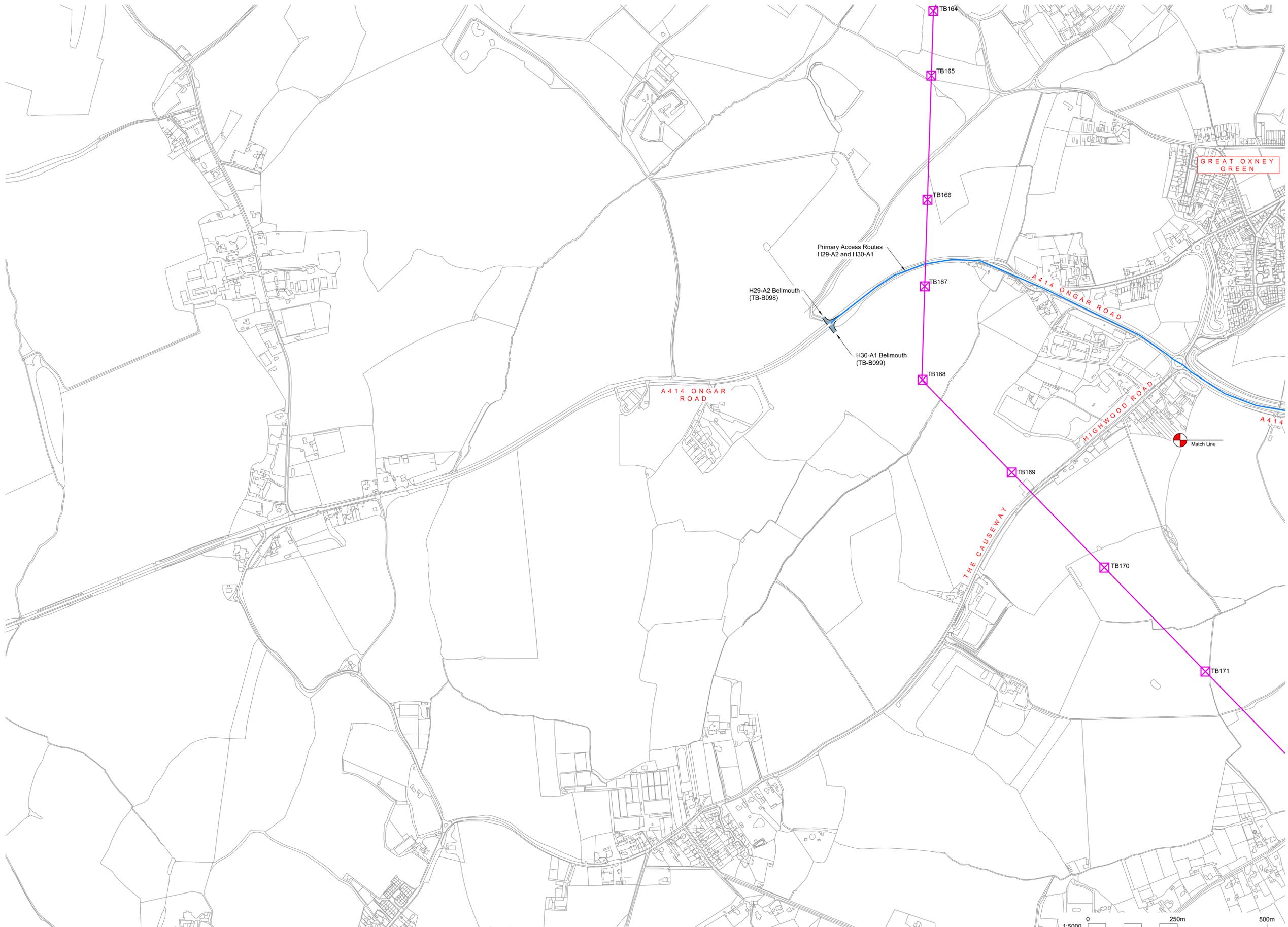
Application Number: AENC-NG-ENG-PLN-0027

National Grid Drawing Reference: AENC-NG-ENG-PLN-0027

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 6 OF 9	A



NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 7 OF 9,
CHELMSFORD CITY COUNCIL)

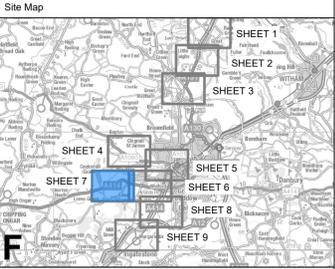


- Notes
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Legend

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- Sheet match line
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Scale of Mitigation: 1:5000



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

Drawing References (Section F)

- For information regarding the proposed project design details please refer to the 'Consultation Plans'

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 565002 Sheet Y Centroid Coordinate: 205423

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Issue	Date	FOR STATUTORY CONSULTATION	AJM	WES	AMR
A	April 2024				

Title NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION
ACCESS PLAN
SECTION F (SHEET 7 OF 9,
CHELMSFORD CITY COUNCIL)
PRIMARY ACCESS ROUTES H29-A2 AND H30-A1
GENERAL ARRANGEMENT

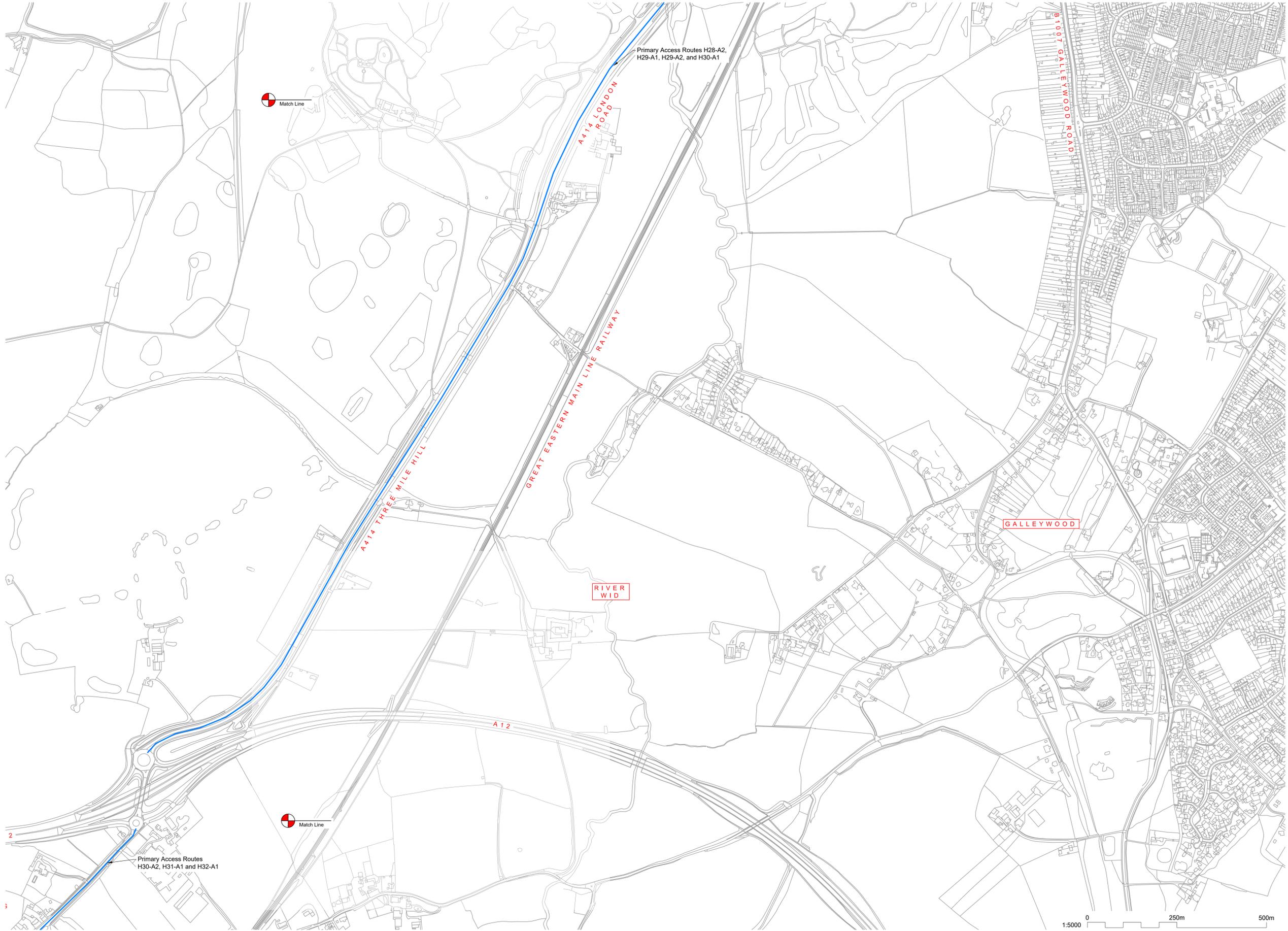


Application Number
National Grid Drawing Reference
AENC-NG-ENG-PLN-0027

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 7 OF 9	A



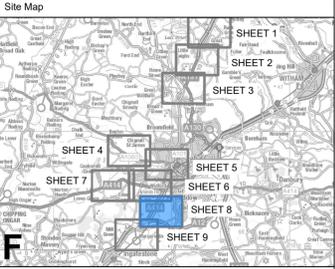
NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 8 OF 9,
CHELMSFORD CITY COUNCIL)



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Design Specifications of Indicative Construction Vehicles

Vehicle Type	Model	Overall Length	Overall Width	Overall Body Height	Track Width	Kerb to Kerb Radius
Mobile Crane	Liebherr LTM 1250-6.1	17.835m	3.000m	4.000m	3.000m	11.624m
Low Loader HGV		16.633m	2.500m	3.396m	2.500m	6.790m

Drawing References (Section F)

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 569099 Sheet Y Centroid Coordinate: 203237

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Issue	Date	FOR STATUTORY CONSULTATION	AJM	WES	AMR
		Remarks	Drawn	Checked	Approved

Title NATIONAL GRID (NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION
ACCESS PLAN
SECTION F (SHEET 8 OF 9,
CHELMSFORD CITY COUNCIL)

PRIMARY ACCESS ROUTES H28-A2, H29-A1, H29-A2, H30-A1, H30-A2, H31-A1, AND H32-A1
GENERAL ARRANGEMENT



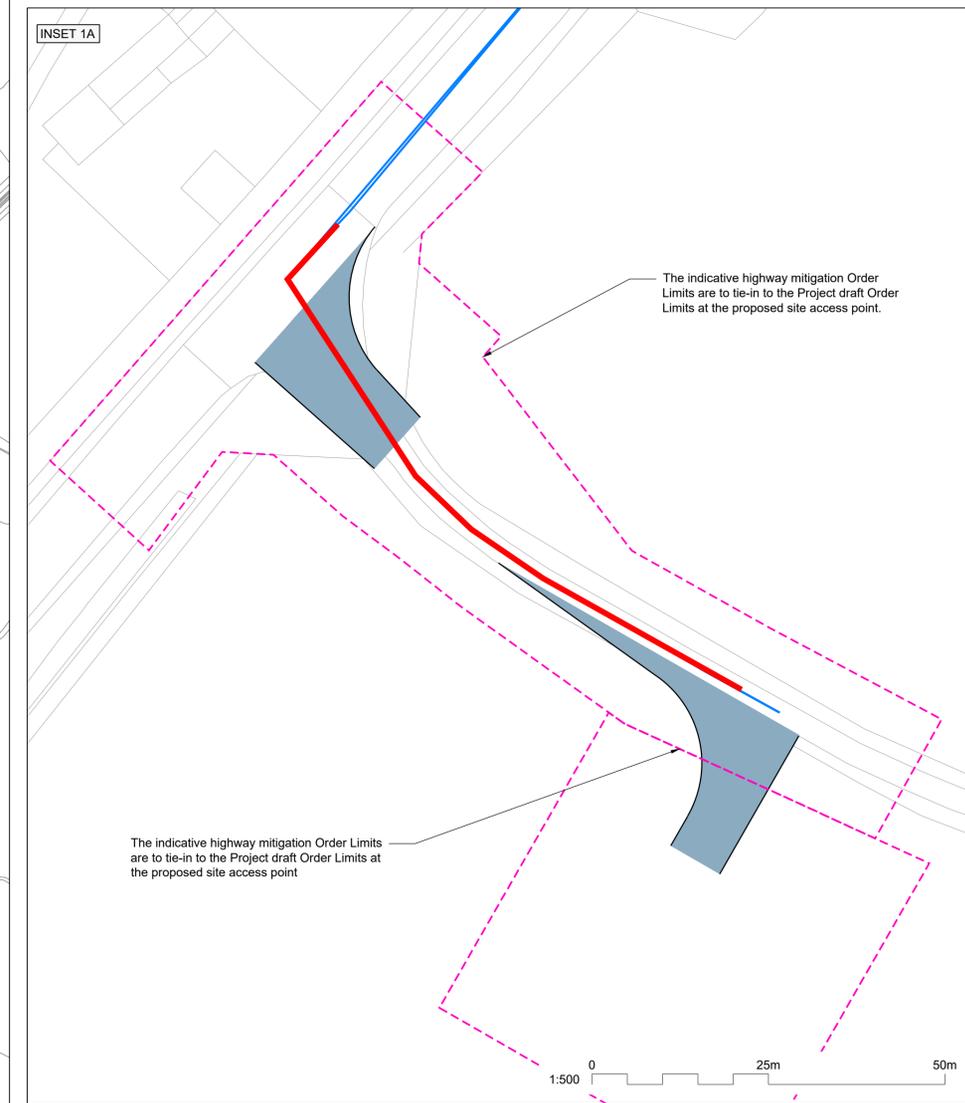
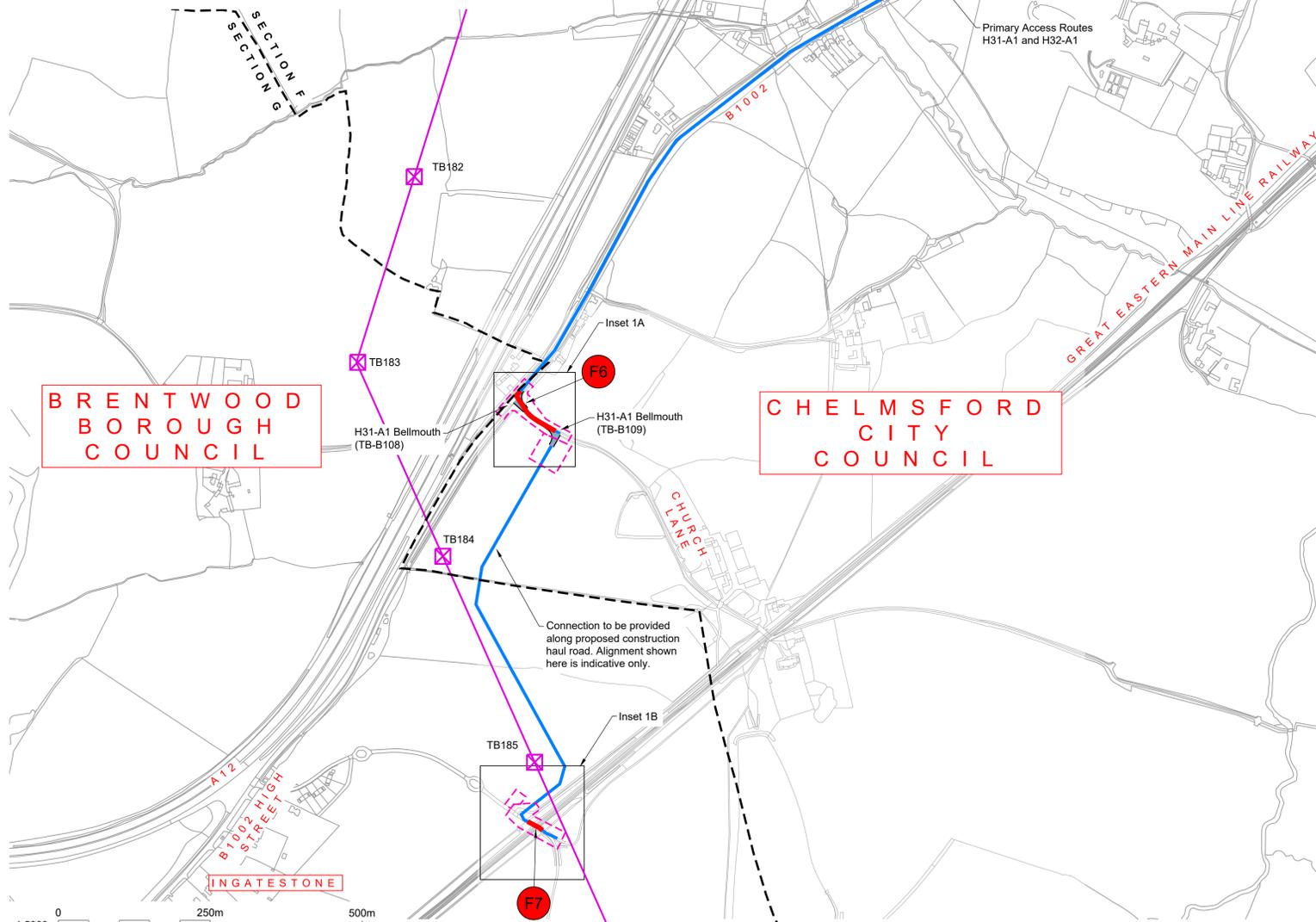
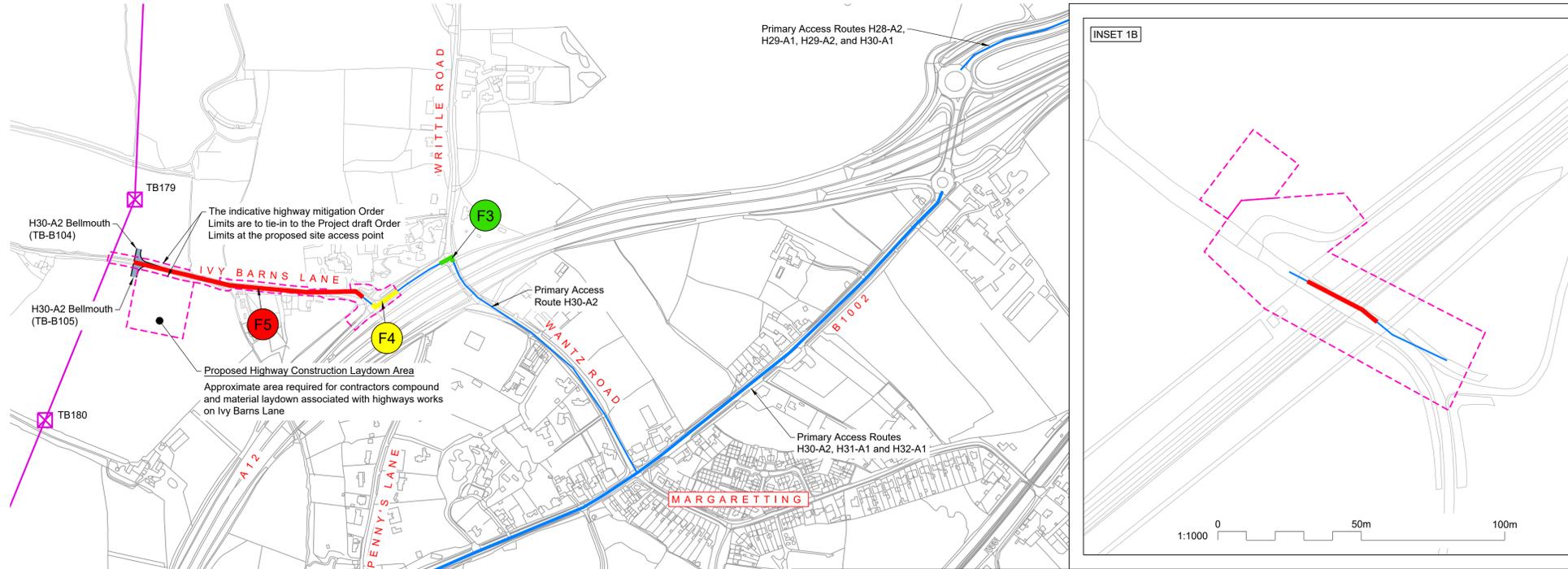
Application Number
National Grid Drawing Reference
AENC-NG-ENG-PLN-0027

Scale	Sheet Size	Sheet	Issue
1:5000	A1	SHEET 8 OF 9	A



**NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION CONSTRUCTION ACCESS PLAN
SECTION F (SHEET 9 OF 9,
CHELMSFORD CITY COUNCIL)**

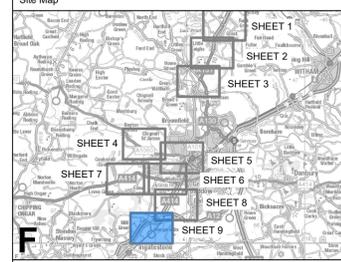
Potential Constraint Details		
Constraint No.	Description	Suggested Mitigation
F3	Waltz/Writtle Road junction with Ivy Barns Lane has poor forward visibility around bend for design vehicle movements.	Vegetation to be cut back to increase visibility around the bend.
F4	Section of Ivy Barns Lane, crossing A12 slip road, identified to be of narrow width for design vehicle movements.	HGV traffic may need to slow whilst passing through junction. Appropriate temporary signage to be provided where necessary. Crane movements may need escorting along northbound carriageway of Ivy Barns Lane where space is insufficient.
F5	Section of Ivy Barns Lane identified to be of steep gradient and of narrow width for design vehicle movements.	Crane and two-way HGV traffic may need to slow whilst passing. Temporary traffic management may be employed to allow vehicle to straddle across both carriageway lanes. Appropriate temporary signage to be provided where necessary.
F6	Junction geometry of B1002 junction with Church Lane, and approximately 100m of Church Lane, identified to be narrow width for design vehicle movements, and has poor forward visibility around bend.	Where space is insufficient, vegetation to be cut back to accommodate design vehicle movements. Carriageway to be widened into land assumed to be privately owned to accommodate two-way HGV movements.
F7	Bridge structure may not be suitable for construction vehicles and design vehicle movements.	Temporary removal of island and street furniture to accommodate design vehicle movements. Crane and two-way HGV traffic may need to slow and give way whilst passing. Appropriate temporary signage to be provided where necessary. Where space is insufficient, passing places or carriageway widening into assumed privately owned land to be considered. Strengthening work to bridge may be required. This is to be confirmed with Network Rail who are assumed to have maintenance responsibility for the bridge.



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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 567016 Sheet Y Centroid Coordinate: 201261
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A	April 2024	FOR STATUTORY CONSULTATION	AJM	WES	AMR
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Title
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 S.42 CONSULTATION CONSTRUCTION
 ACCESS PLAN
 SECTION F (SHEET 9 OF 9,
 CHELMSFORD CITY COUNCIL)
 PRIMARY ACCESS ROUTES H30-A2, H31-A1
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 GENERAL ARRANGEMENT

Application Number
 National Grid Drawing Reference
 AENC-NG-ENG-PLN-0027
 Scale: 1:5000 Sheet Size: A1 Sheet: SHEET 9 OF 9 Issue: A