

BT-NG-020621-545-0180

Bramford to Twinstead Reinforcement

Volume 6: Environmental Information

Document 6.4.8: Environmental Statement
Figures (Part 8)

Final Issue A
April 2023

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



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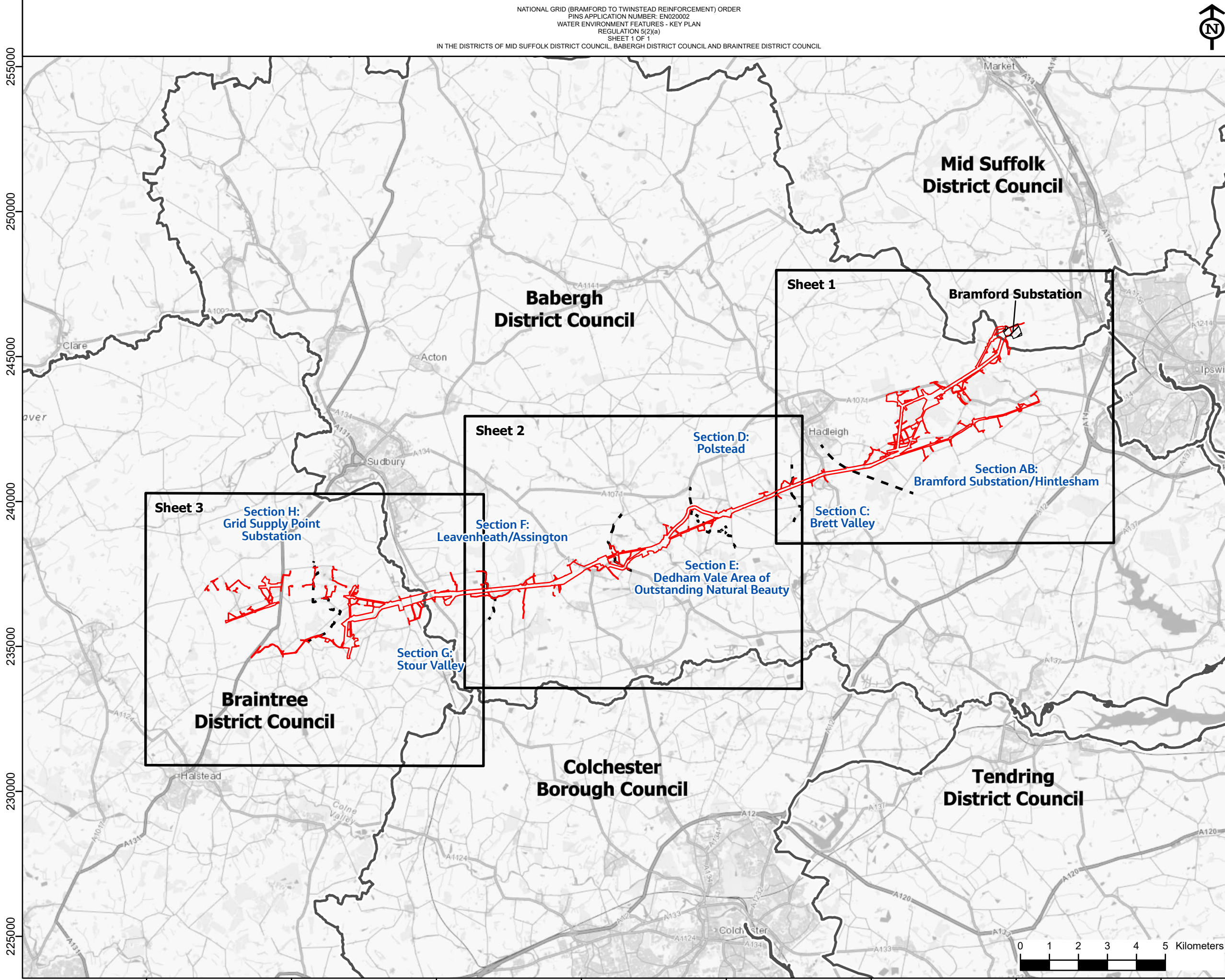
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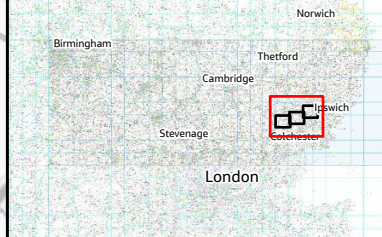
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- Legend**
- Section boundaries
 - Order Limits
 - Local authority districts
 - Existing Bramford Substation



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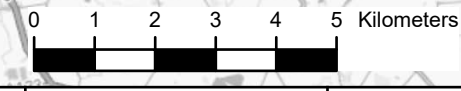


TITLE: Figure 9.1
 Water Environment Features - Key Plan

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge

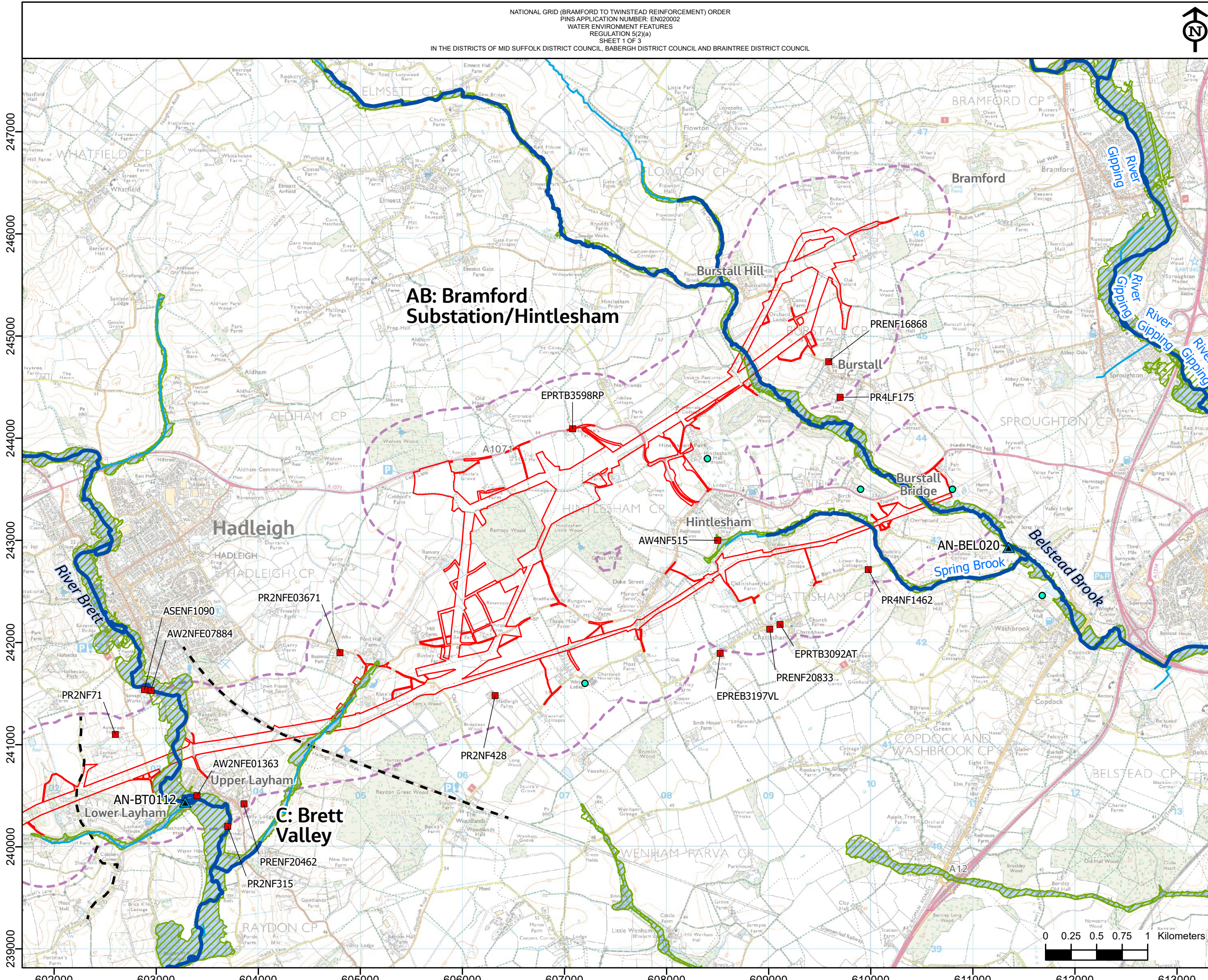
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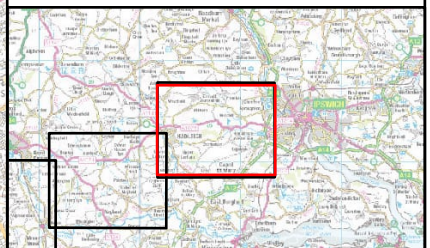




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- Section boundaries
 - Order Limits
 - Study area (500m)
 - Main river
 - Ordinary watercourse
 - Active discharges to surface watercourses
 - Surface water abstractions - licensed
 - Environment Agency water quality monitoring sites
- Environment Agency Flood Zones**
- Flood zone 2
 - Flood zone 3



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TITLE: **Figure 9.1 Water Environment Features**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Brantree – Bulls Lodge** GIS

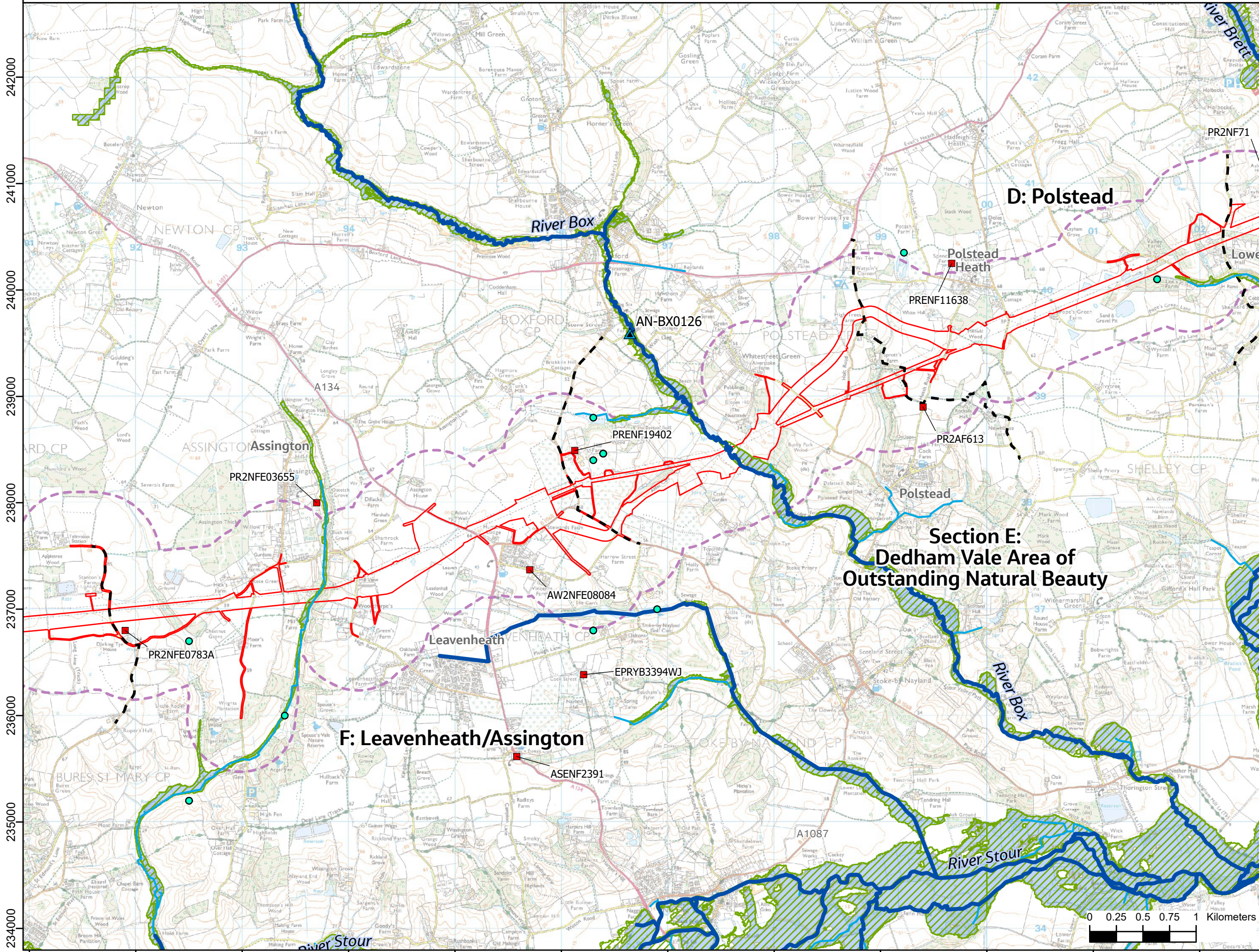
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TITLE: Figure 9.1
 Water Environment Features

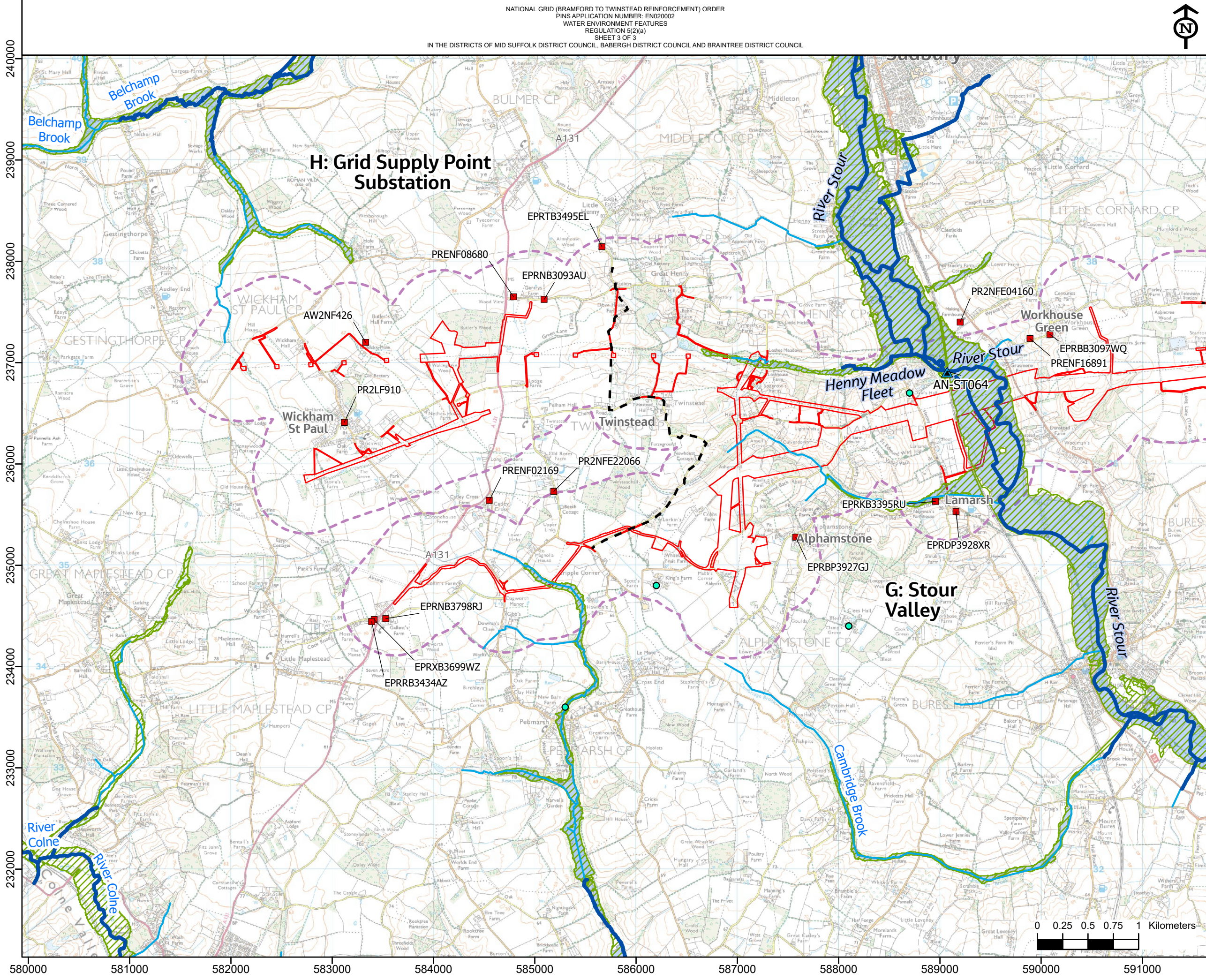
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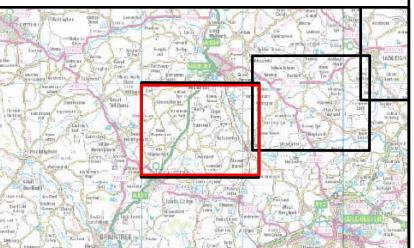
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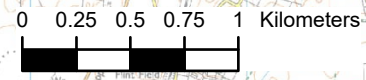
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TITLE: **Figure 9.1 Water Environment Features**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Bramtree – Bulls Lodge**

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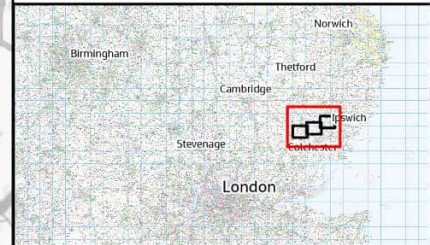
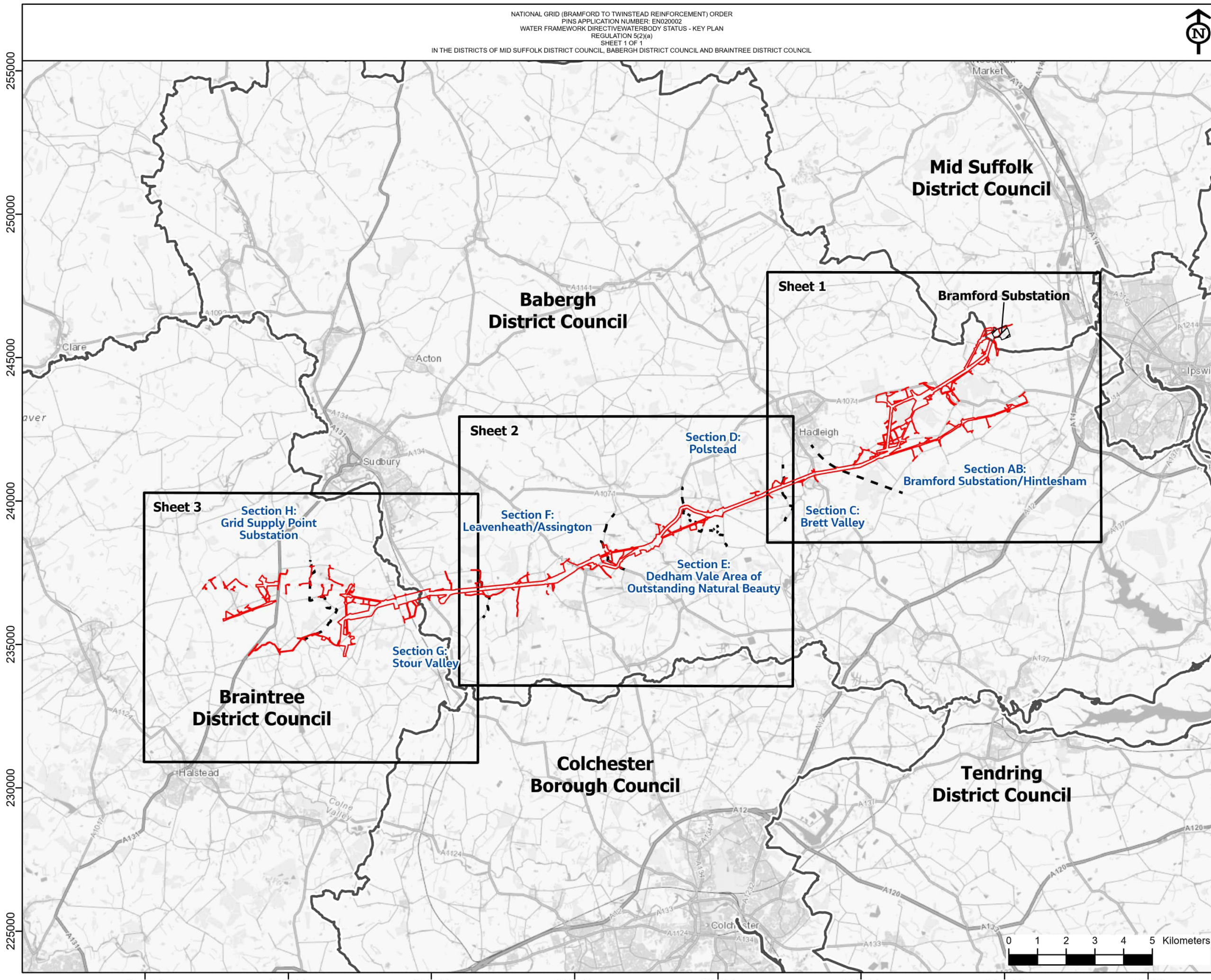




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Legend

- - - Section boundaries
- ▭ Order Limits
- ▭ Local authority districts
- ▨ Existing Bramford Substation



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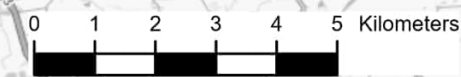
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TITLE: Figure 9.2
 Water Framework Directive
 Waterbody Status - Key Plan

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge

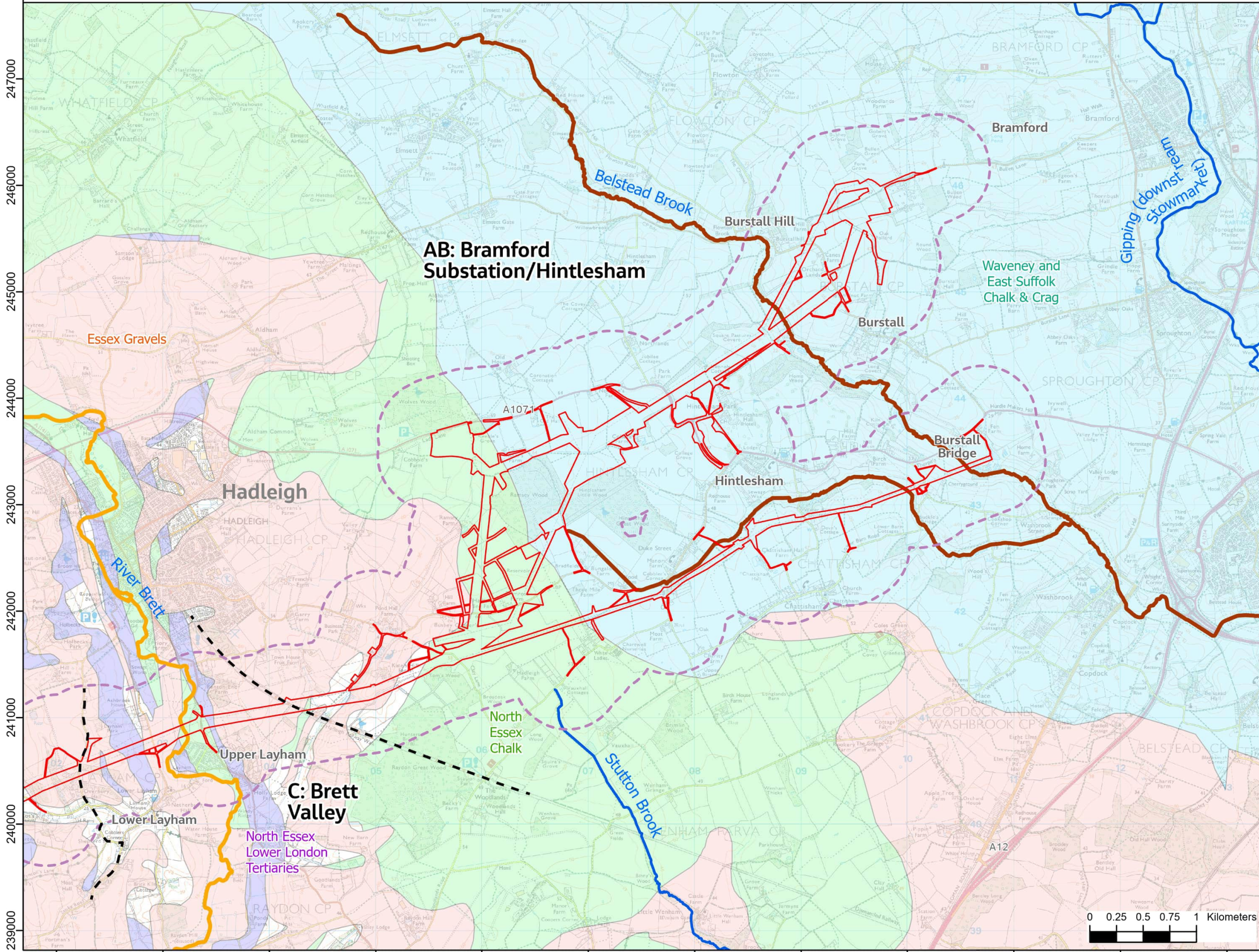
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- Section boundaries
- Order Limits
- Study area (500m)
- Water Framework Directive Surface Waterbodies**
- Moderate
- Poor
- Outside assessment area
- Water Framework Directive Groundwater Bodies (All Poor Status)**
- Essex Gravels
- North Essex Chalk
- North Essex Lower London Tertiaries
- Waveney and East Suffolk Chalk & Crag



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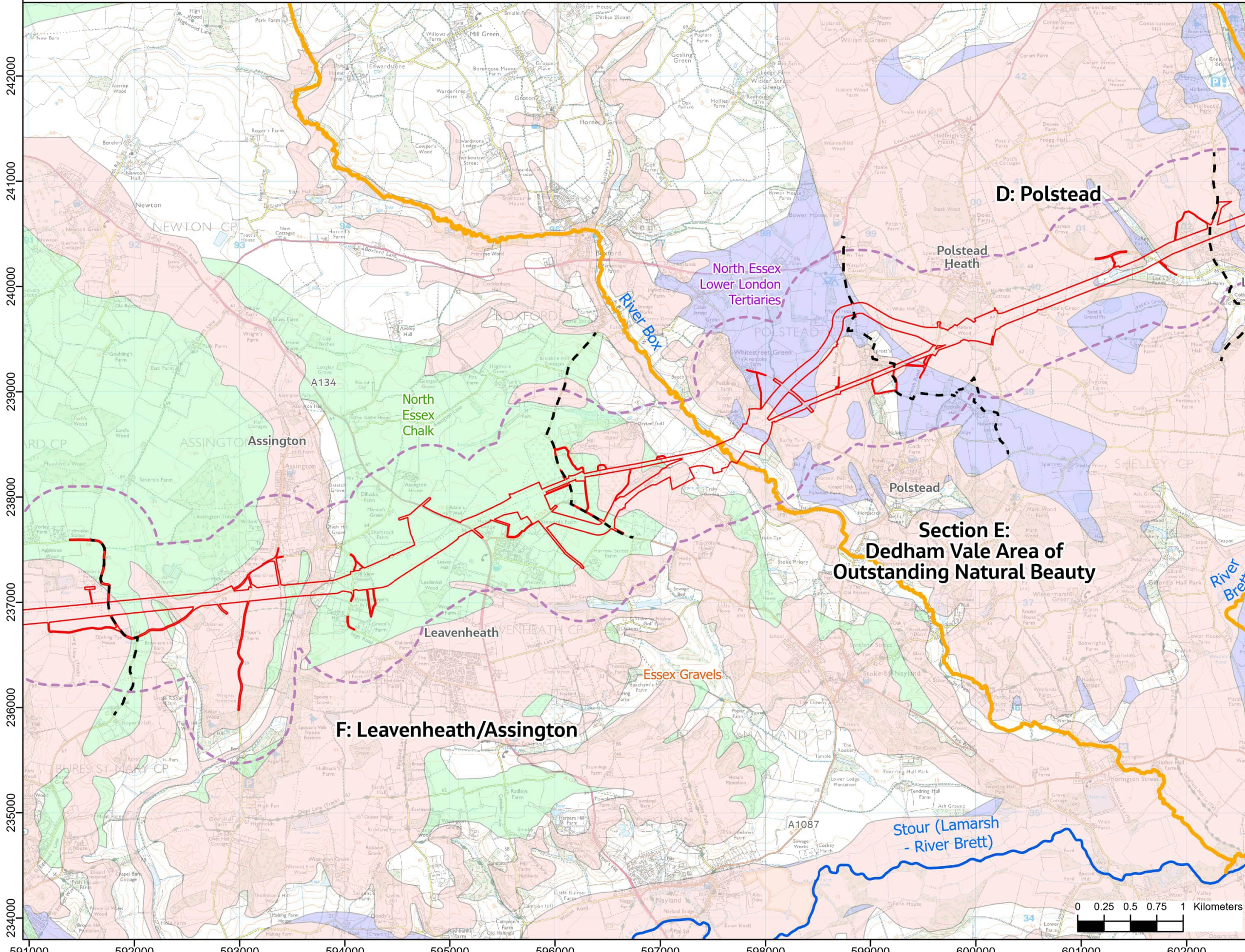
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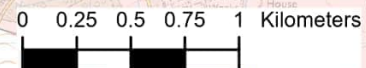
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 Water Framework Directive
 Waterbody Status

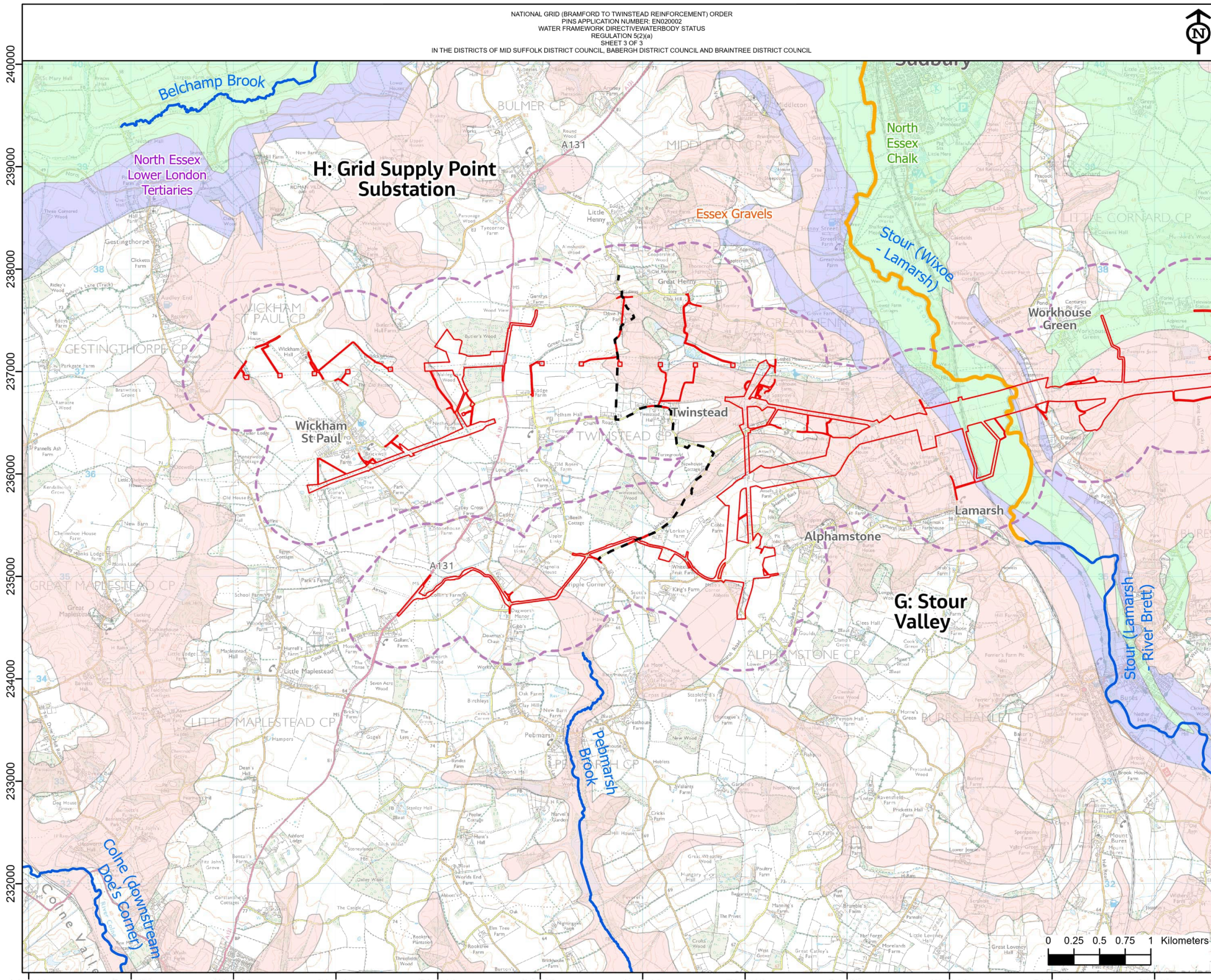
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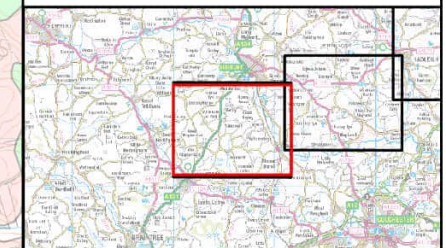




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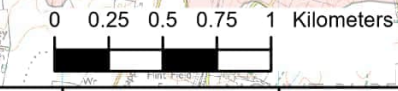
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 Water Framework Directive
 Waterbody Status

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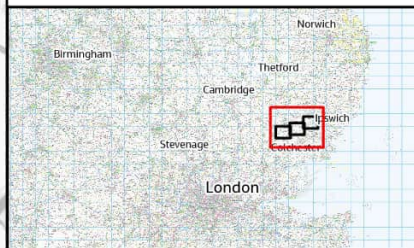
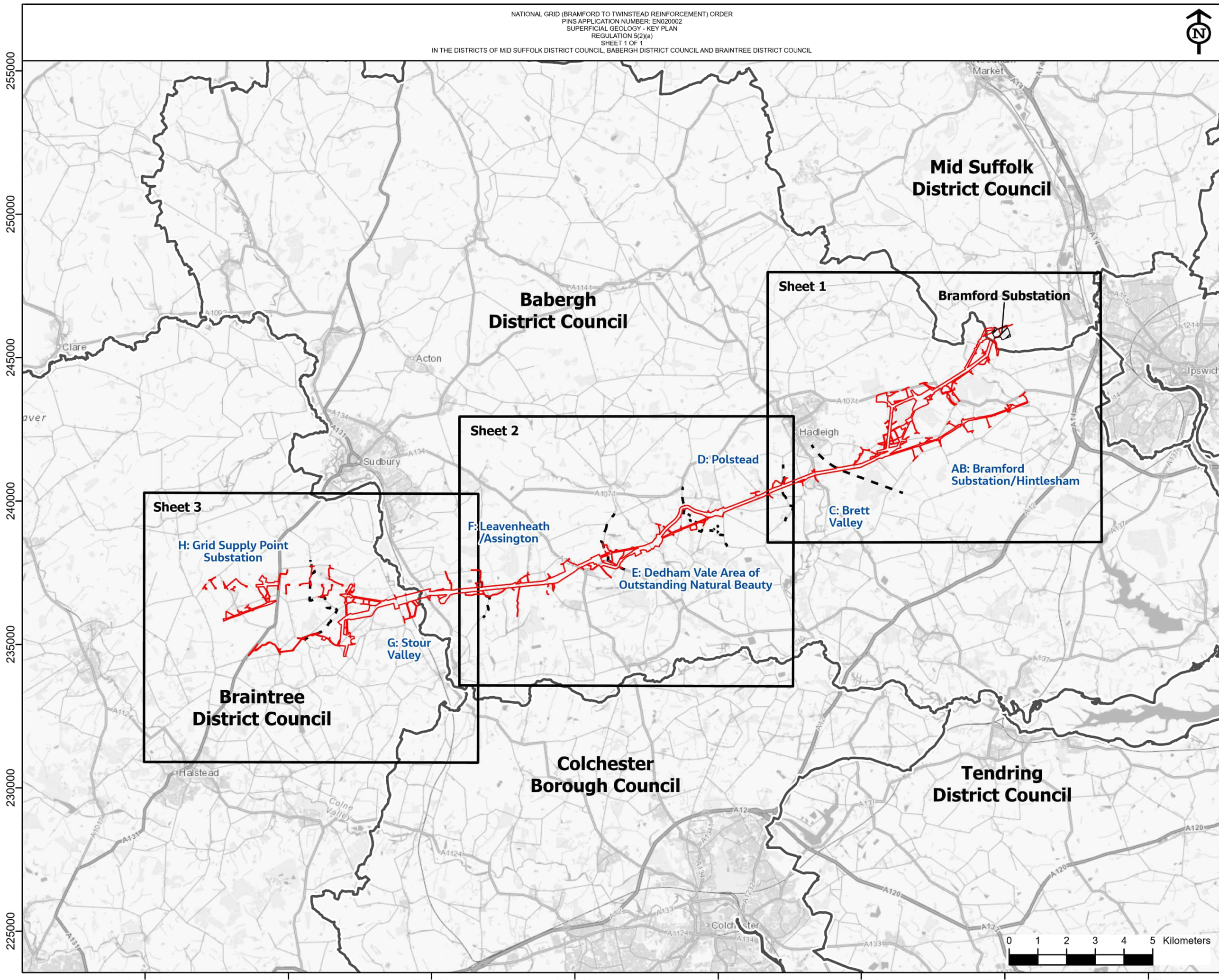
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TITLE: Figure 10.1
 Superficial Geology - Key Plan

CIRCUIT / SITE :
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 – Braintree – Bulls Lodge

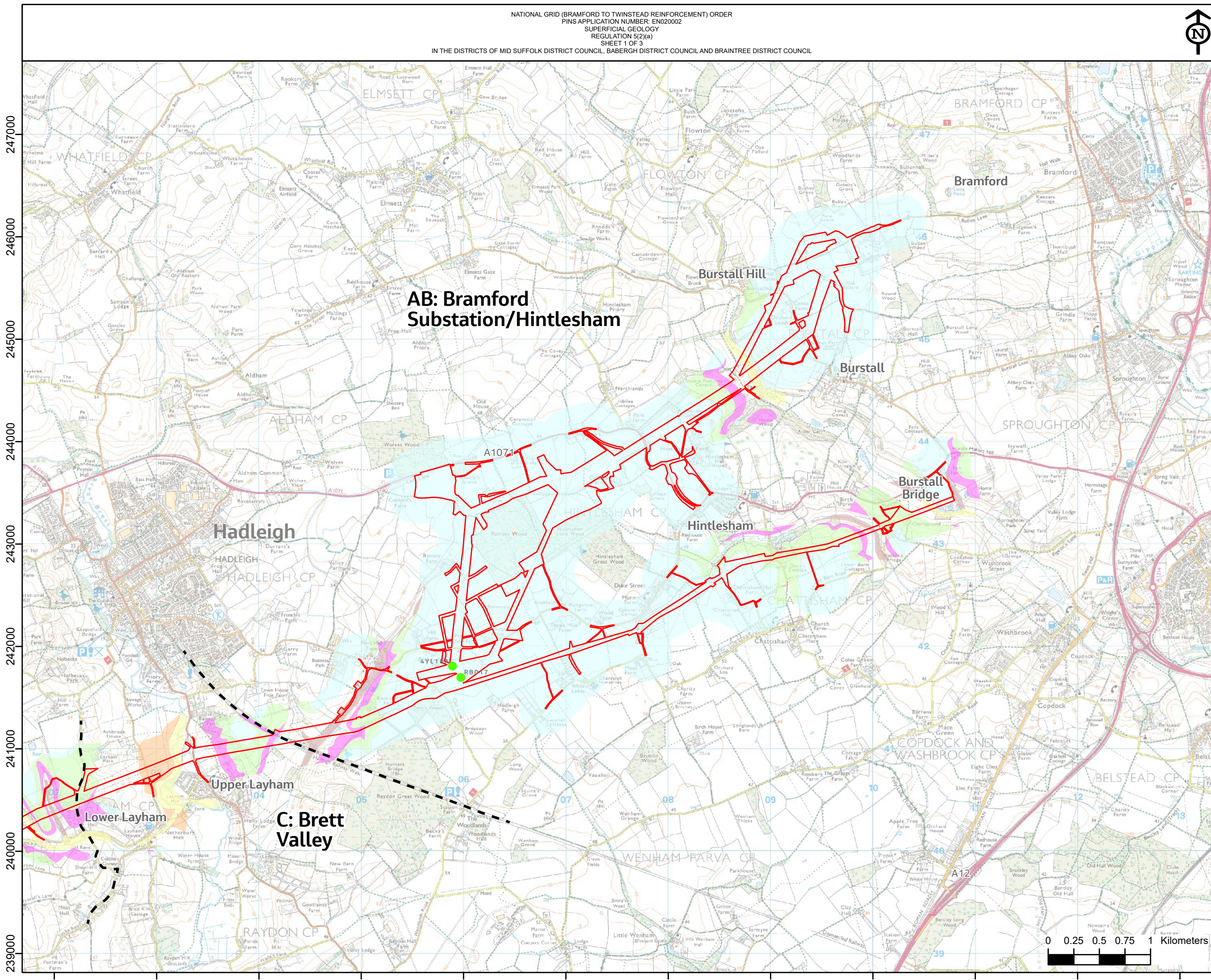
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- Legend**
- Section boundaries
 - Order Limits
 - Project ground investigations (2022)
 - Project ground investigations (2021)
 - Project ground investigations (2013)
- Superficial geology**
- Alluvium - clay, silt, sand and gravel
 - Peat
 - Head - diamicton, clay, silt, sand and gravel
 - River terrace deposits - sand and gravel
 - Lowestoft formation - diamicton
 - Lowestoft formation - clay, silt, sand and gravel
 - Kesgrave catchment subgroup - sand and gravel



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TITLE: **Figure 10.1 Superficial Geology**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Brantree – Bulls Lodge** **GIS**

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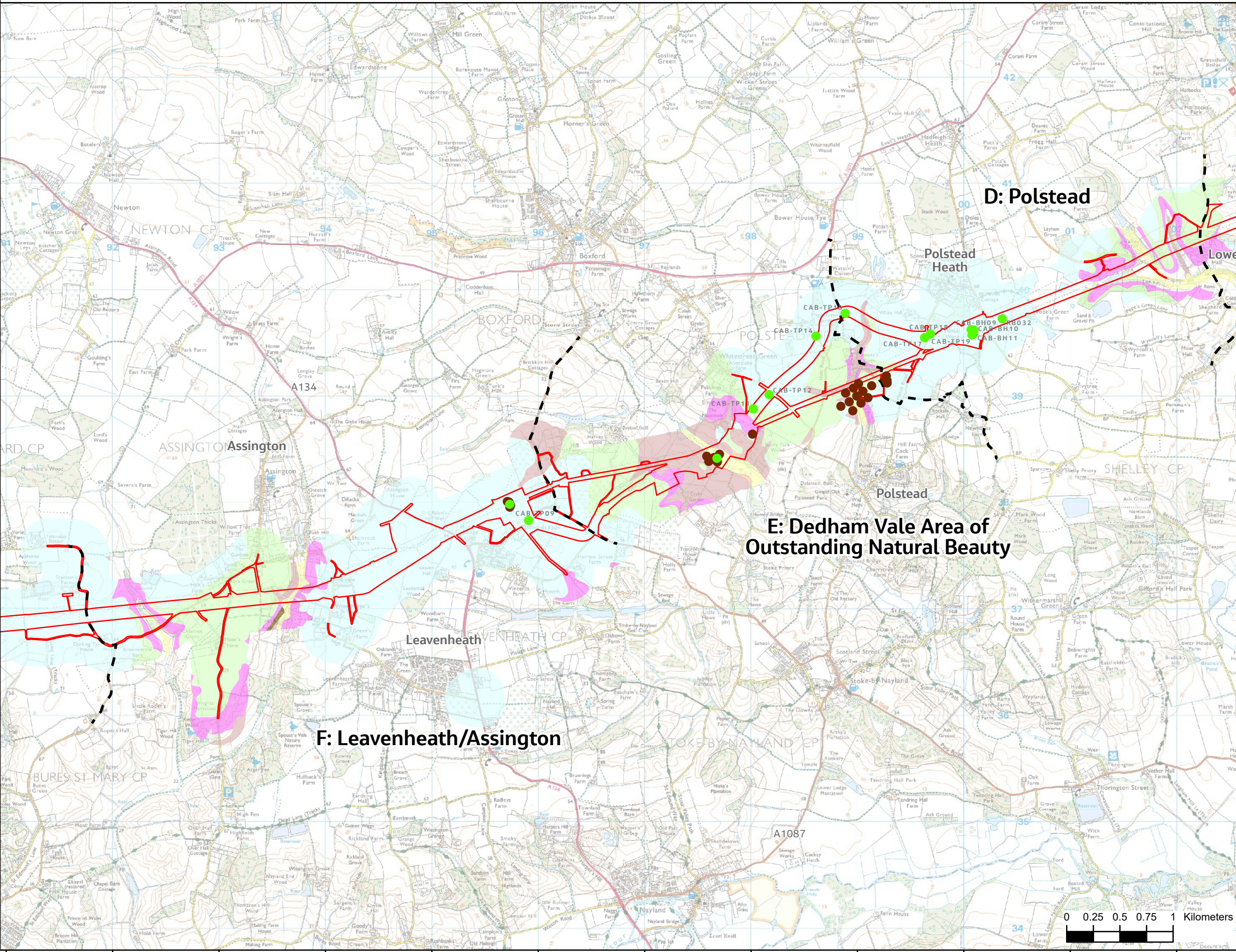
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- Legend**
- - - Section boundaries
 - Order Limits
 - Project ground investigations (2022)
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- Alluvium - clay, silt, sand and gravel
 - Peat
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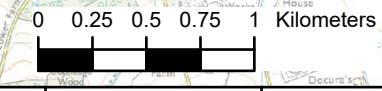
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TITLE: Figure 10.1 Superficial Geology

CIRCUIT / SITE : Bramford – Pelham & Bramford – Braintree – Bulls Lodge

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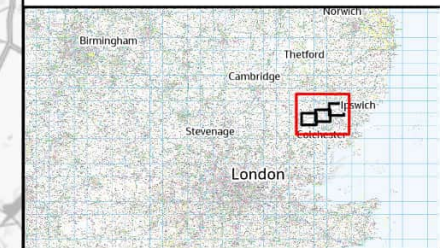
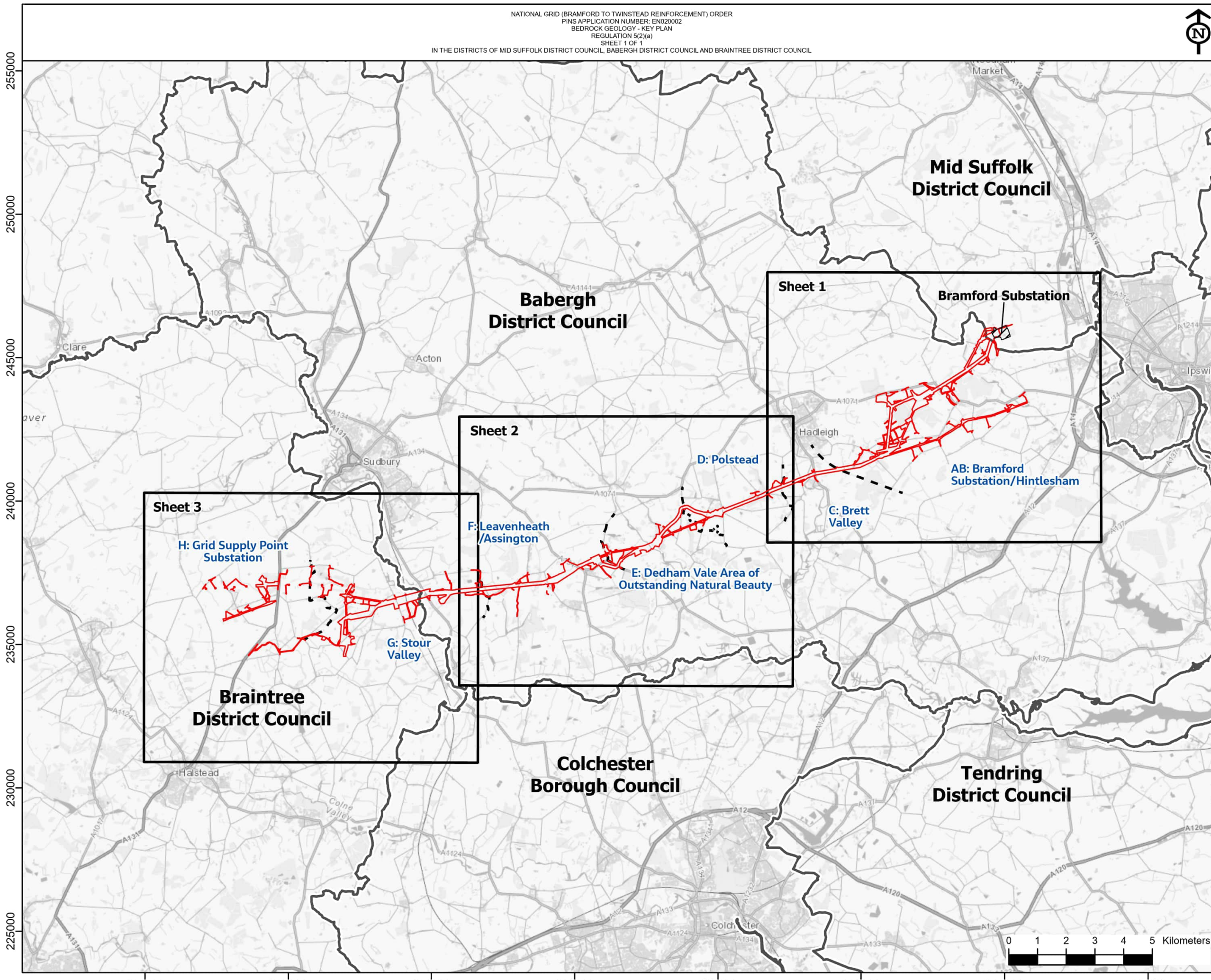


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TITLE: Figure 10.2
Bedrock Geology - Key Plan

CIRCUIT / SITE :
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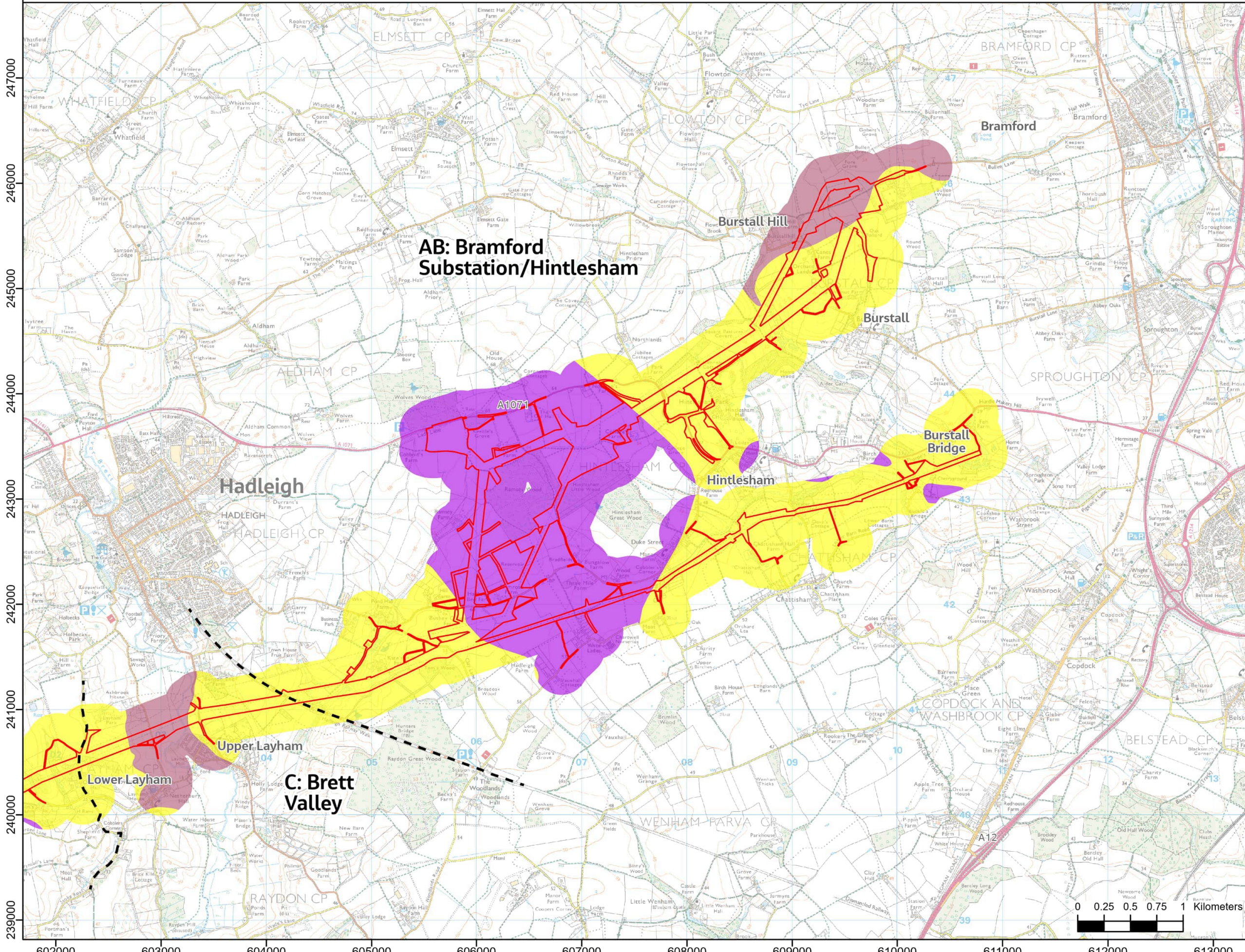
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- Legend**
- Section boundaries
 - Order Limits
 - Local geological sites
- Bedrock geology**
- Red crag formation - sand
 - Crag group - sand
 - Chillesford church sand member - sand
 - London clay formation - clay, silt and sand
 - Thames group - clay, silt and sand
 - Thanet formation - sand
 - Thanet formation and Lambeth group (undifferentiated) - clay, silt and sand
 - Lewes nodular chalk formation and Seaford chalk formation (undifferentiated) - chalk



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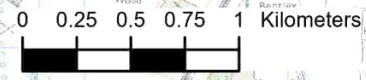
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TITLE: **Figure 10.2 Bedrock Geology**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Braintree – Bulls Lodge** GIS

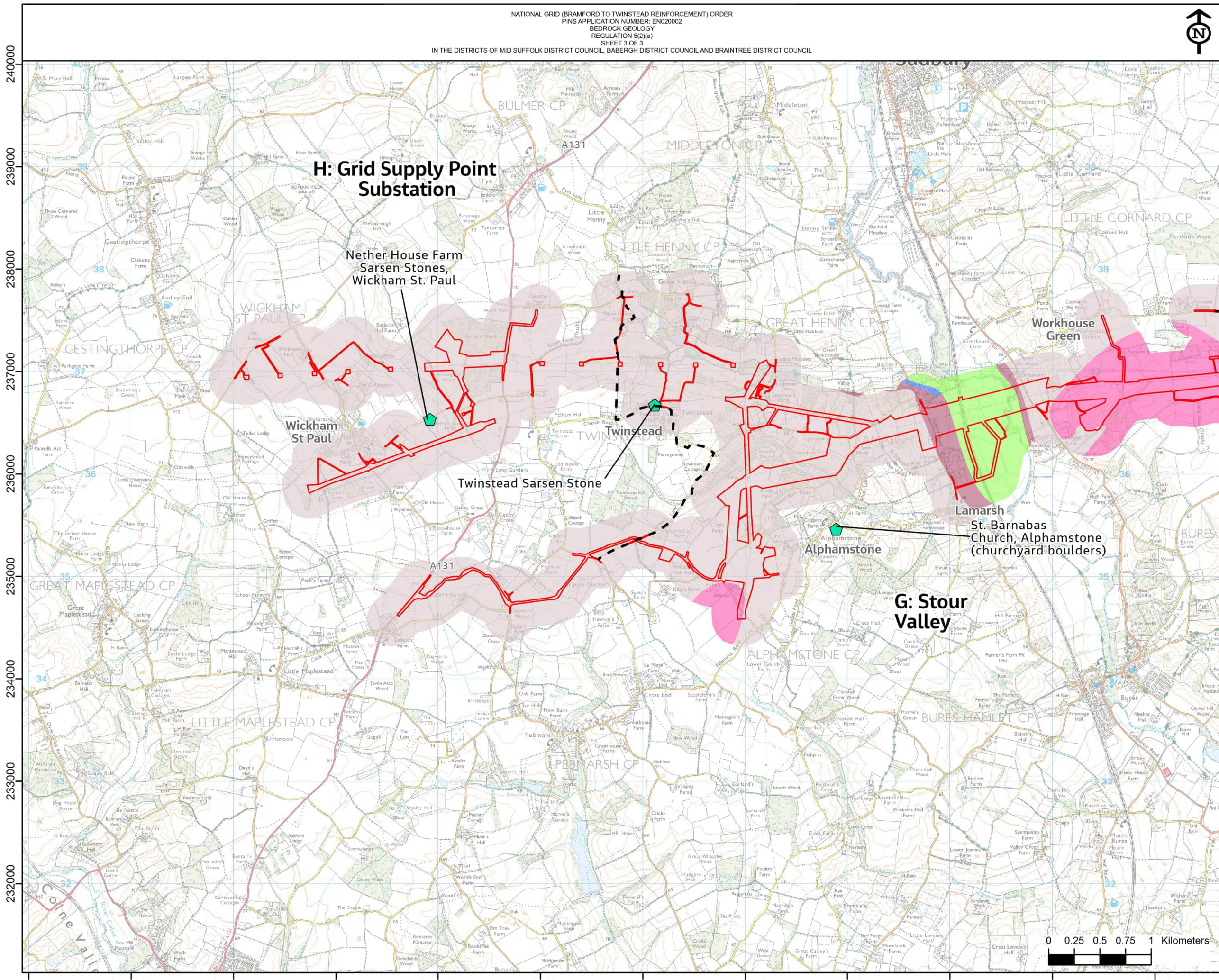
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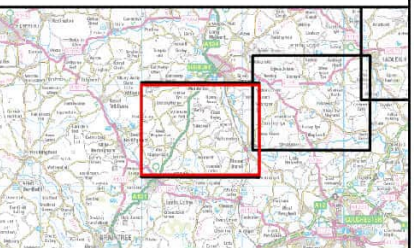




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 - Crag group - sand
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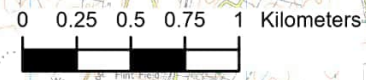
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TITLE: Figure 10.2
Bedrock Geology

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braintree – Bulls Lodge

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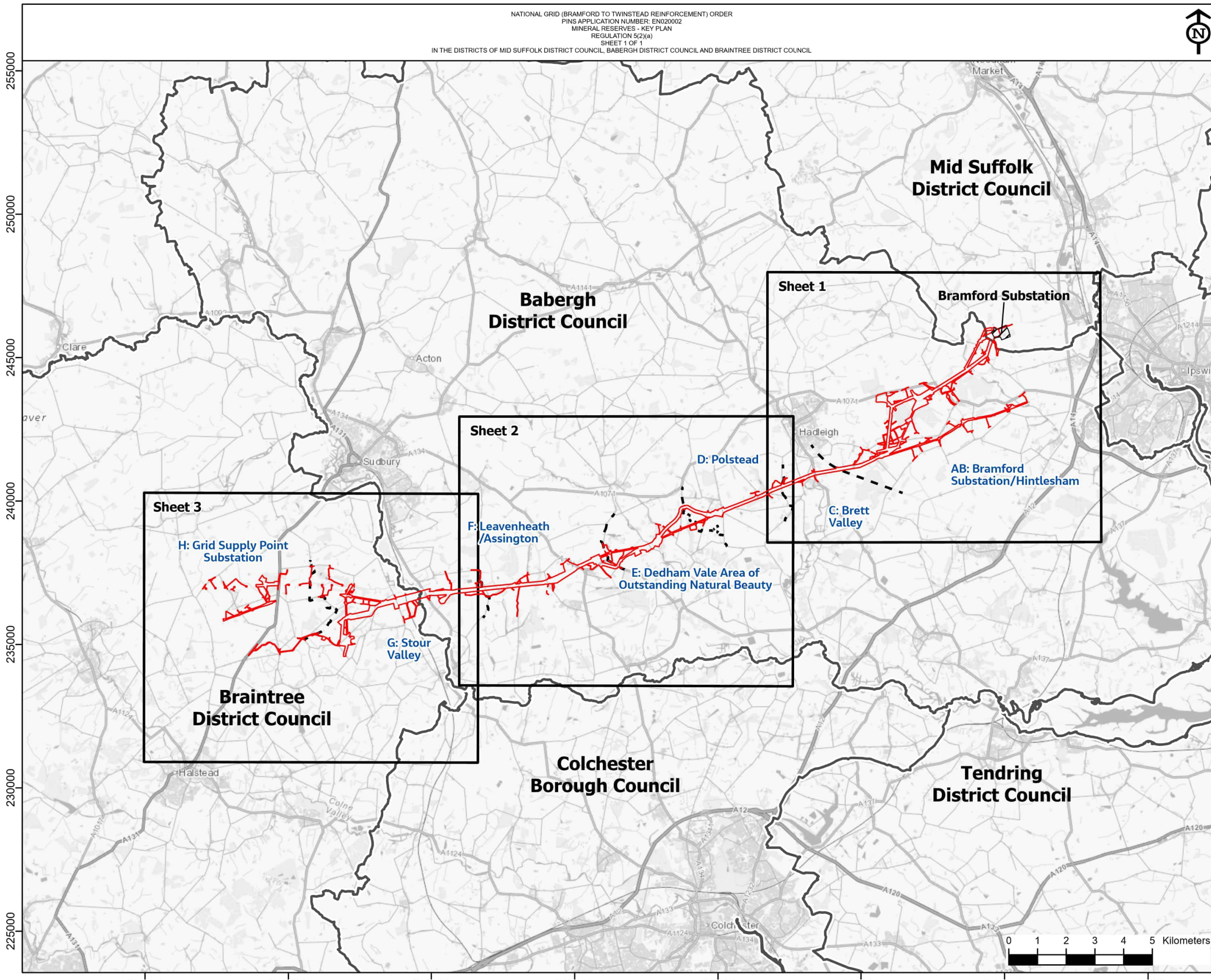




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Legend

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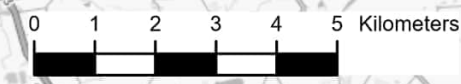


TITLE: Figure 10.3
 Mineral Reserves - Key Plan

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braintree – Bulls Lodge GIS

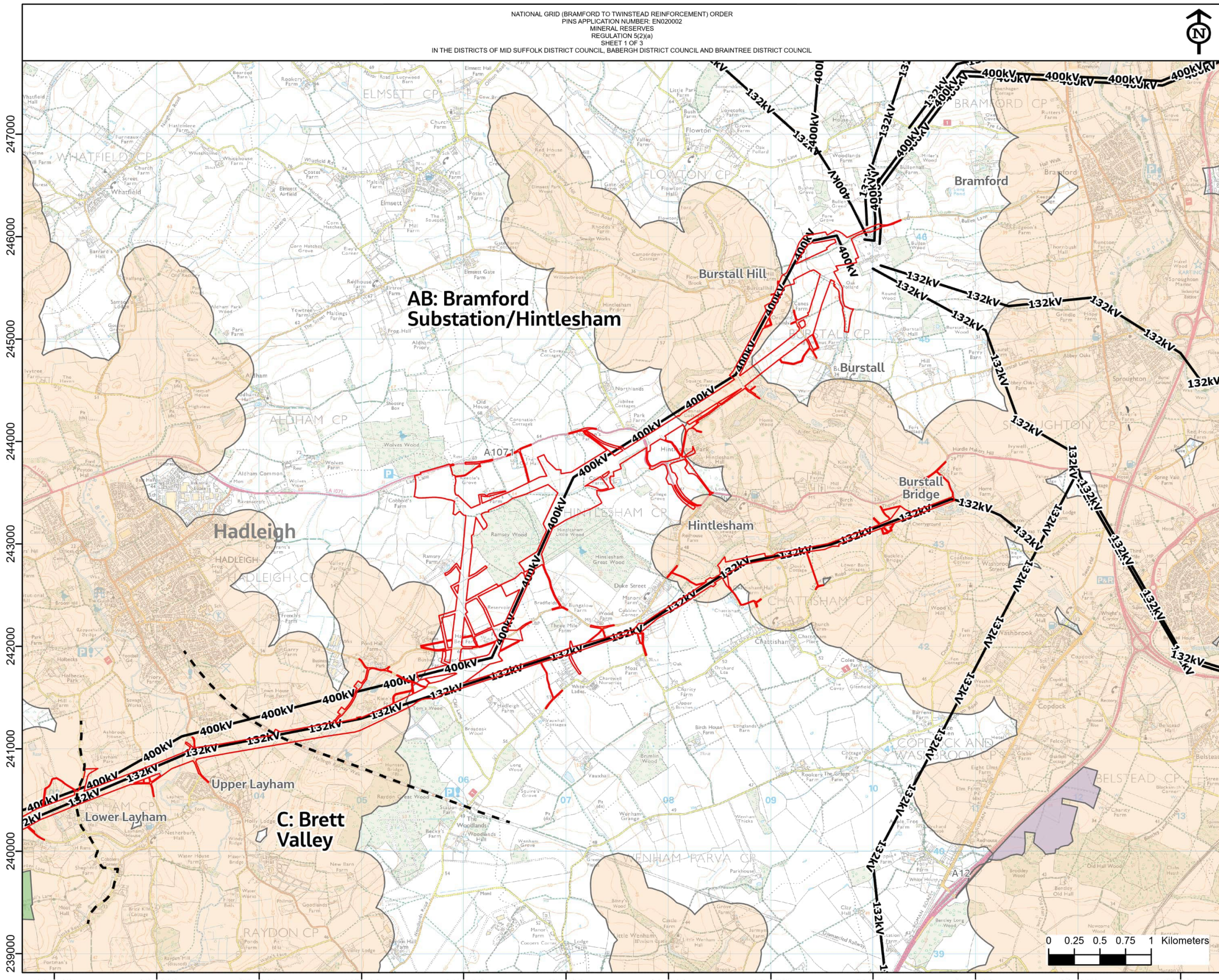
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- Legend**
- Section boundaries
 - Order Limits
 - Existing overhead line
 - Mineral extraction sites
 - Proposed mineral extraction sites
 - Mineral consultation area (Suffolk County Council)
 - Mineral safeguarding area sand and gravel (Essex County Council)
 - Proposed mineral extraction sites



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TITLE: Figure 10.3 Mineral Reserves

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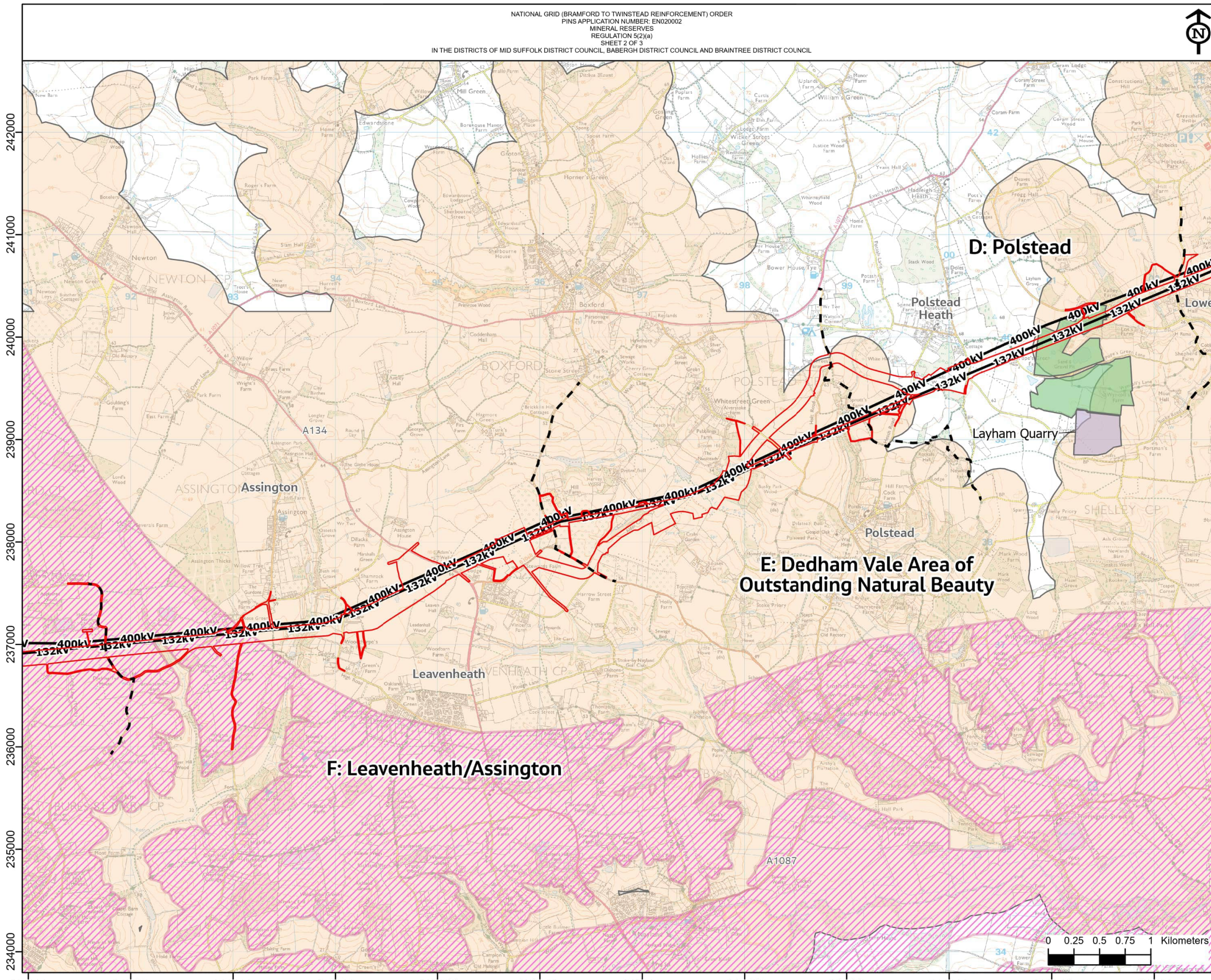
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NG DRAWING No. BT-JAC-020631-500-0044	SHEET NO. 1	NO. OF SHEETS 3	ISSUE: A
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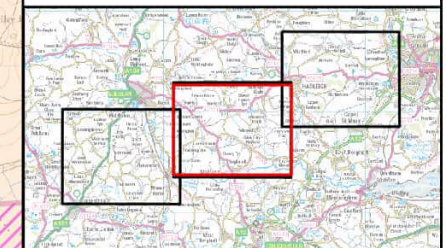




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- Legend**
- Section boundaries
 - Order Limits
 - Existing overhead line
 - Mineral extraction sites
 - Proposed mineral extraction sites
 - Mineral consultation area (Suffolk County Council)
 - Mineral safeguarding area sand and gravel (Essex County Council)
 - Proposed mineral extraction sites



NG Investment No. ETX/01142

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ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 10.3 Mineral Reserves

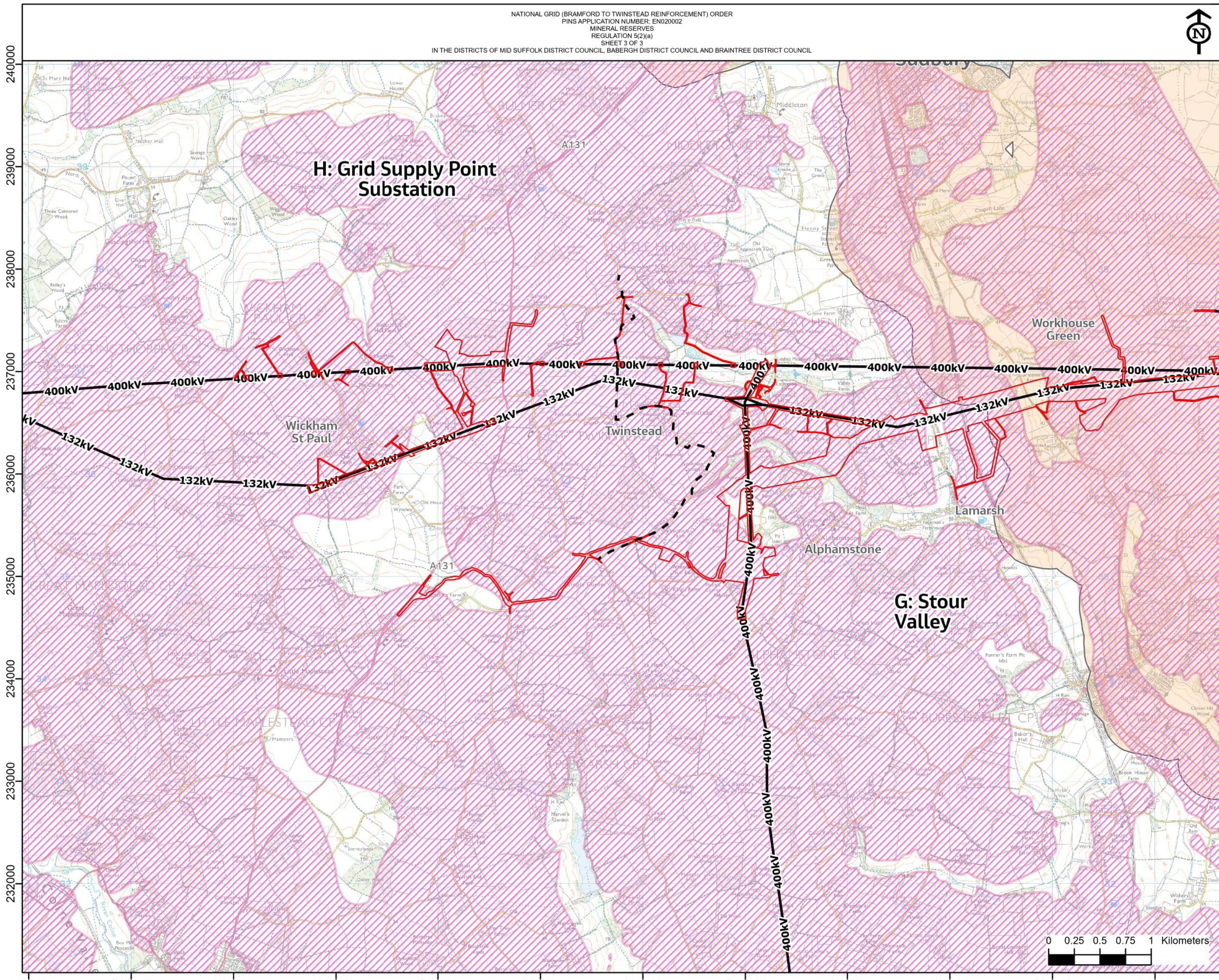
CIRCUIT / SITE: Bramford – Pelham & Bramford – Braitree – Bulls Lodge GIS

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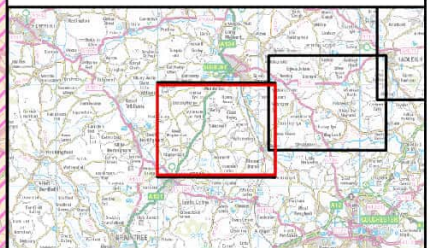
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 NO. OF SHEETS 3
 ISSUE: A



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- Legend**
- Section boundaries
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 - Existing overhead line
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 - Proposed mineral extraction sites
 - Mineral consultation area (Suffolk County Council)
 - Mineral safeguarding area sand and gravel (Essex County Council)
 - Proposed mineral extraction sites



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PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 10.3 Mineral Reserves

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braitree – Bulls Lodge **GIS**

ORIGINATOR DRAWING NO. AAA_BTT_Figure_10_3_Rev0 **A3**

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 SCALE: 1:35000
 SHEET NO. 3
 NO. OF SHEETS 3
 ISSUE: A

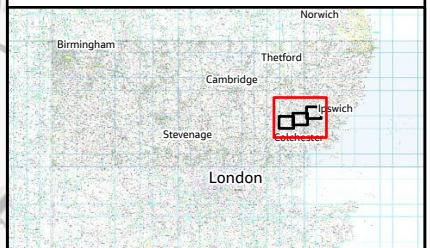
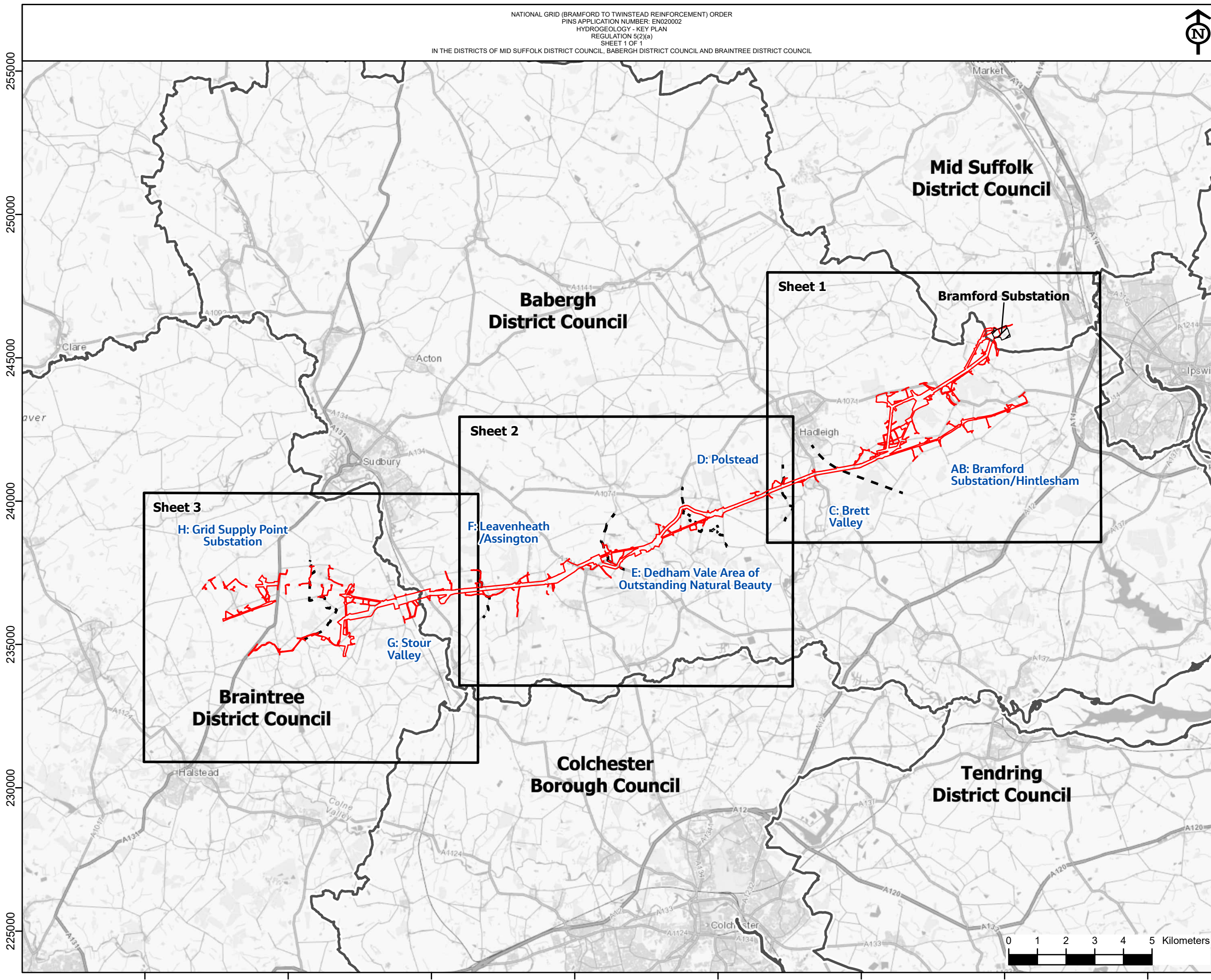




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Legend

- Section boundaries
- Order Limits
- Local authority districts
- Existing Bramford Substation



NG Investment No. ETX/01142

A	04/2023	Rev A for DCO Application	GW	NC	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

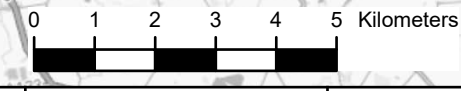
nationalgrid

TITLE: Figure 10.4
Hydrogeology - Key Plan

CIRCUIT / SITE :
Bramford – Pelham & Bramford – Braintree – Bulls Lodge

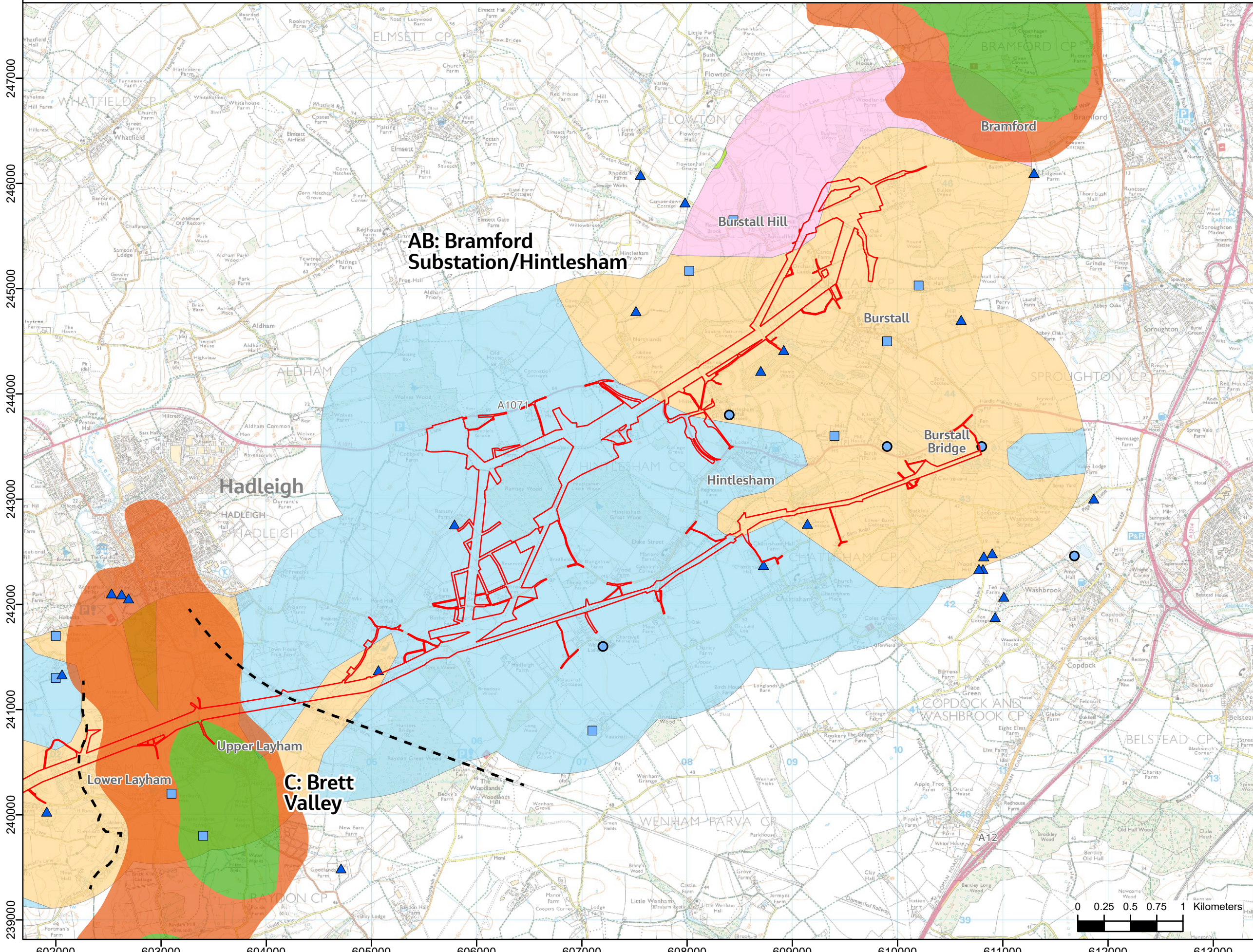
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NG DRAWING No. BT-JAC-020631-500-0045	SHEET NO. 1	NO. OF SHEETS 1	ISSUE: A
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- Legend**
- Section boundaries
 - Order Limits
- Groundwater abstractions**
- Licensed
 - Deregulated
 - ▲ Private water supply
- Source protection zone (SPZ)**
- Zone I - Inner protection zone
 - Zone II - Outer protection
- Aquifer classification**
- Rocks with essentially no groundwater
 - Low productivity aquifer
 - Moderately productive aquifer
 - Highly productive aquifer

**AB: Bramford
 Substation/Hintlesham**

**C: Brett
 Valley**



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nationalgrid

TITLE: **Figure 10.4 Hydrogeology**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Braitree – Bulls Lodge** **GIS**

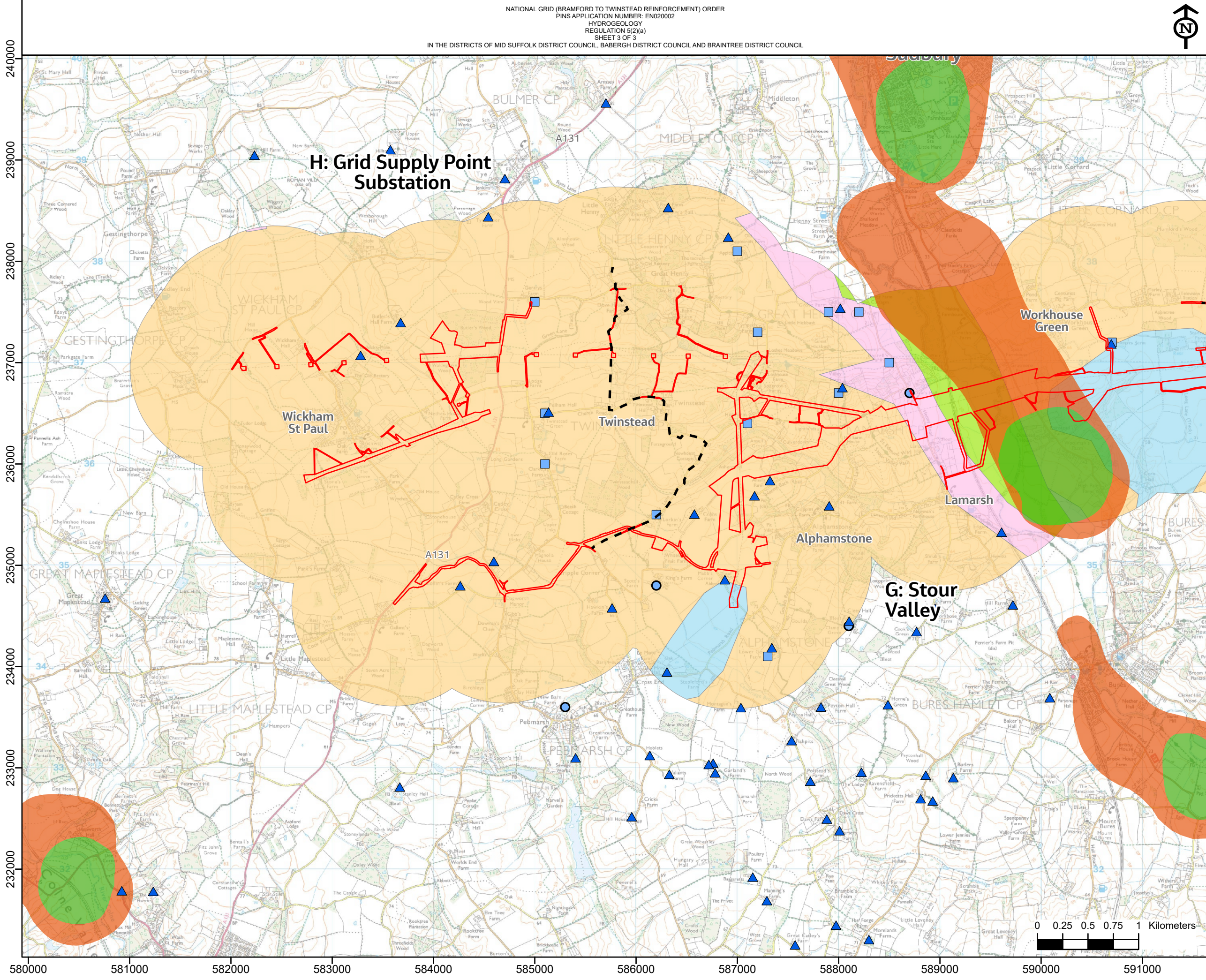
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NG DRAWING No. BT-JAC-020631-500-0045	SHEET NO. 1	NO. OF SHEETS 3	ISSUE: A
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- Legend**
- Section boundaries
 - Order Limits
- Groundwater abstractions**
- Licensed
 - Deregulated
 - ▲ Private water supply
- Source protection zone (SPZ)**
- Zone I - Inner protection zone
 - Zone II - Outer protection
- Aquifer classification**
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 - Moderately productive aquifer
 - Highly productive aquifer



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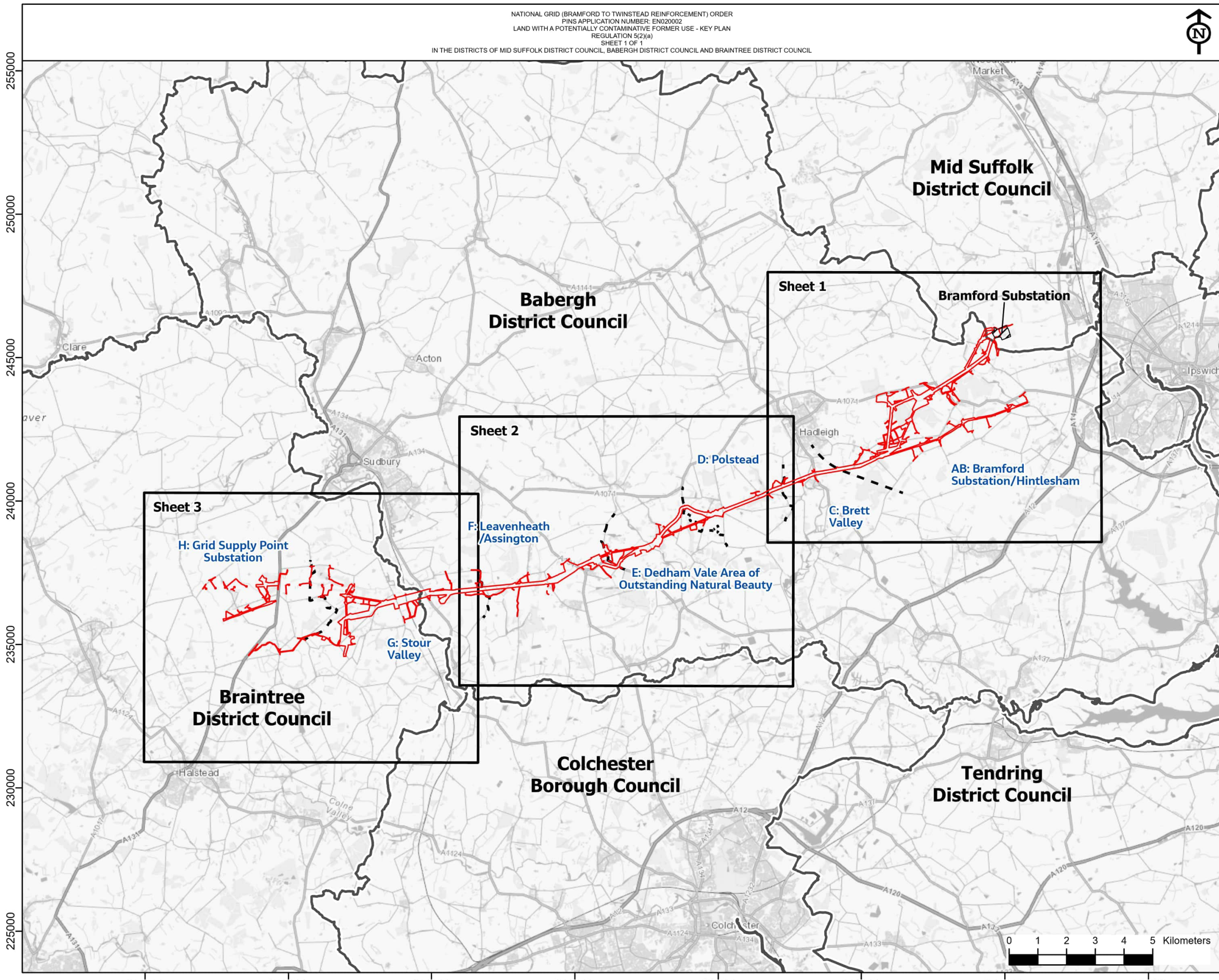
nationalgrid

TITLE: **Figure 10.4 Hydrogeology**

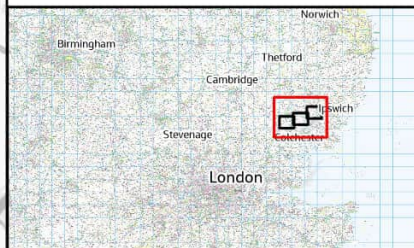
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ORIGINATOR DRAWING NO. **AAA_BTT_Figure_10_4_Rev0** **A3**

NG DRAWING No. **BT-JAC-020631-500-0045** SHEET NO. **3** NO. OF SHEETS **3** ISSUE: **A**



- Legend**
- - - Section boundaries
 - Order Limits
 - Local authority districts
 - Existing Bramford Substation



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PROJECT: Bramford to Twinstead Reinforcement



TITLE: Figure 10.5
 Land with a Potentially Contaminative Former Use - Key Plan

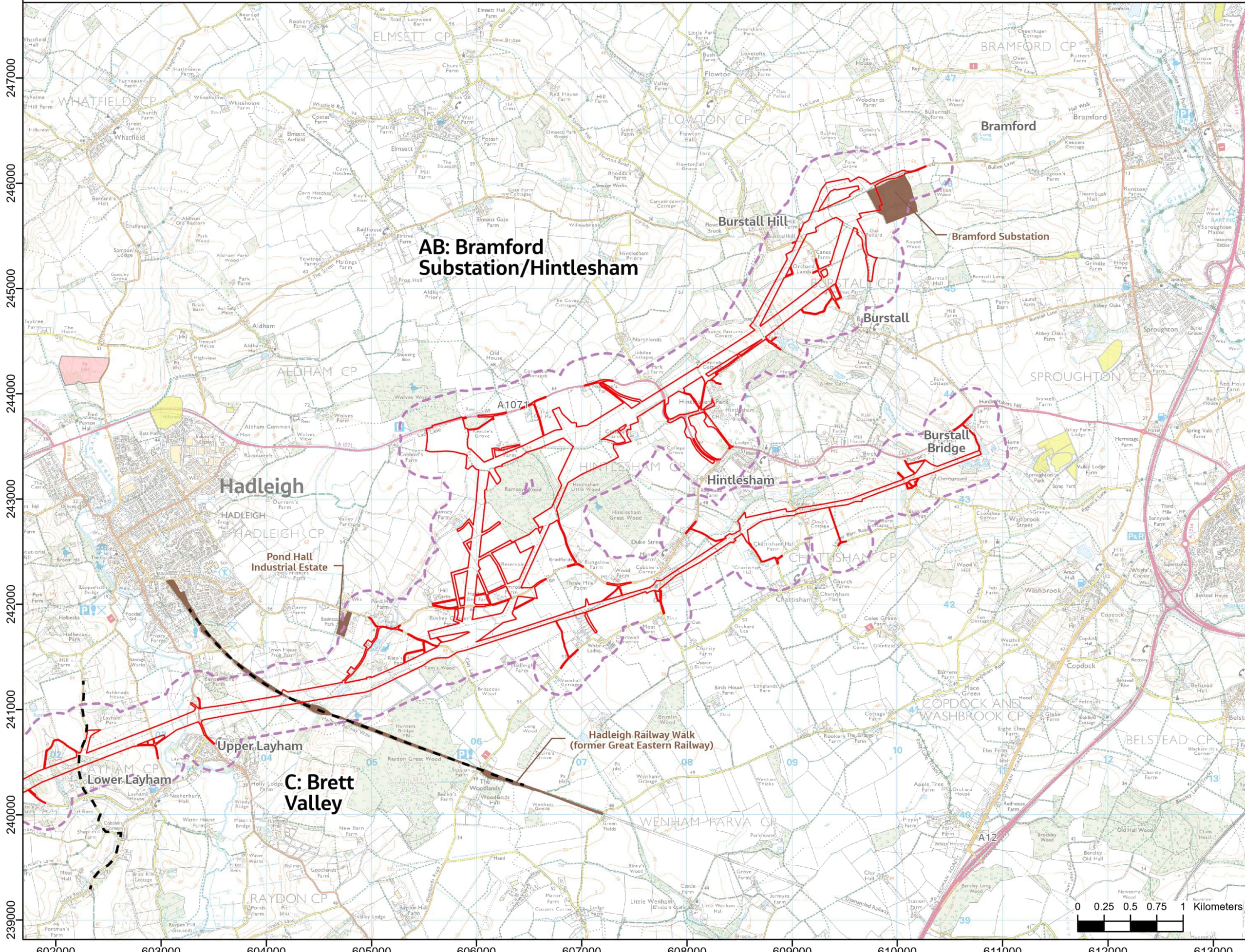
CIRCUIT / SITE: Bramford – Pelham & Bramford – Braintree – Bulls Lodge GIS

ORIGINATOR DRAWING NO. AAA_BTT_Figure_10_5_KeyPlan_Rev0 A3

NG DRAWING No. BT-JAC-020631-500-0046	SHEET NO. 1	NO. OF SHEETS 1	ISSUE: A
SCALE: 1:125000			



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- Legend**
- Section boundaries
 - Order Limits
 - Study area (250m)
 - Authorised landfill site
 - Historic landfill site
 - Land with a potentially contaminative former use (short listed sites for further assessment)



NG Investment No. ETX/01142

A	03/2023	Rev A for DCO Application	GW	NC	CW
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PROJECT: Bramford to Twinstead Reinforcement

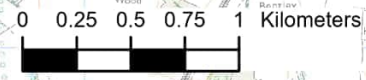
nationalgrid

TITLE: Figure 10.5
 Land with a Potentially Contaminative Former Use

CIRCUIT / SITE :
 Bramford – Pelham & Bramford – Braintree – Bulls Lodge

ORIGINATOR DRAWING NO.
 AAA_BTT_Figure_10_5_Rev0

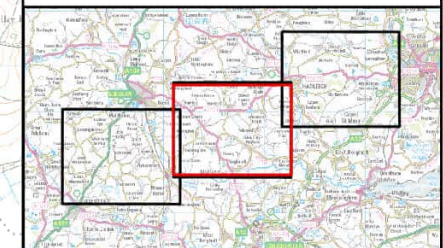
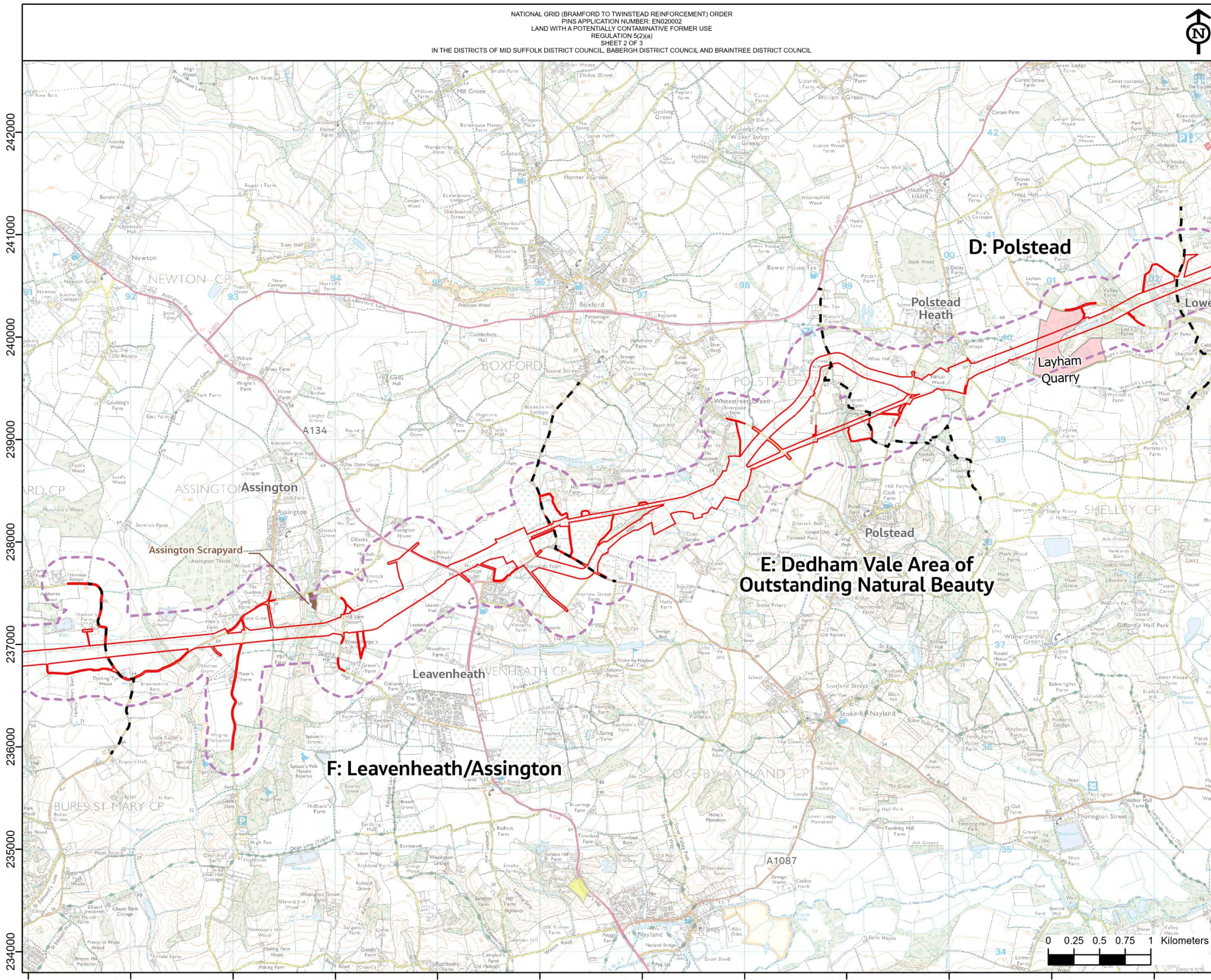
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- Legend**
- Section boundaries
 - Order Limits
 - Study area (250m)
 - Authorised landfill site
 - Historic landfill site
 - Land with a potentially contaminative former use (short listed sites for further assessment)



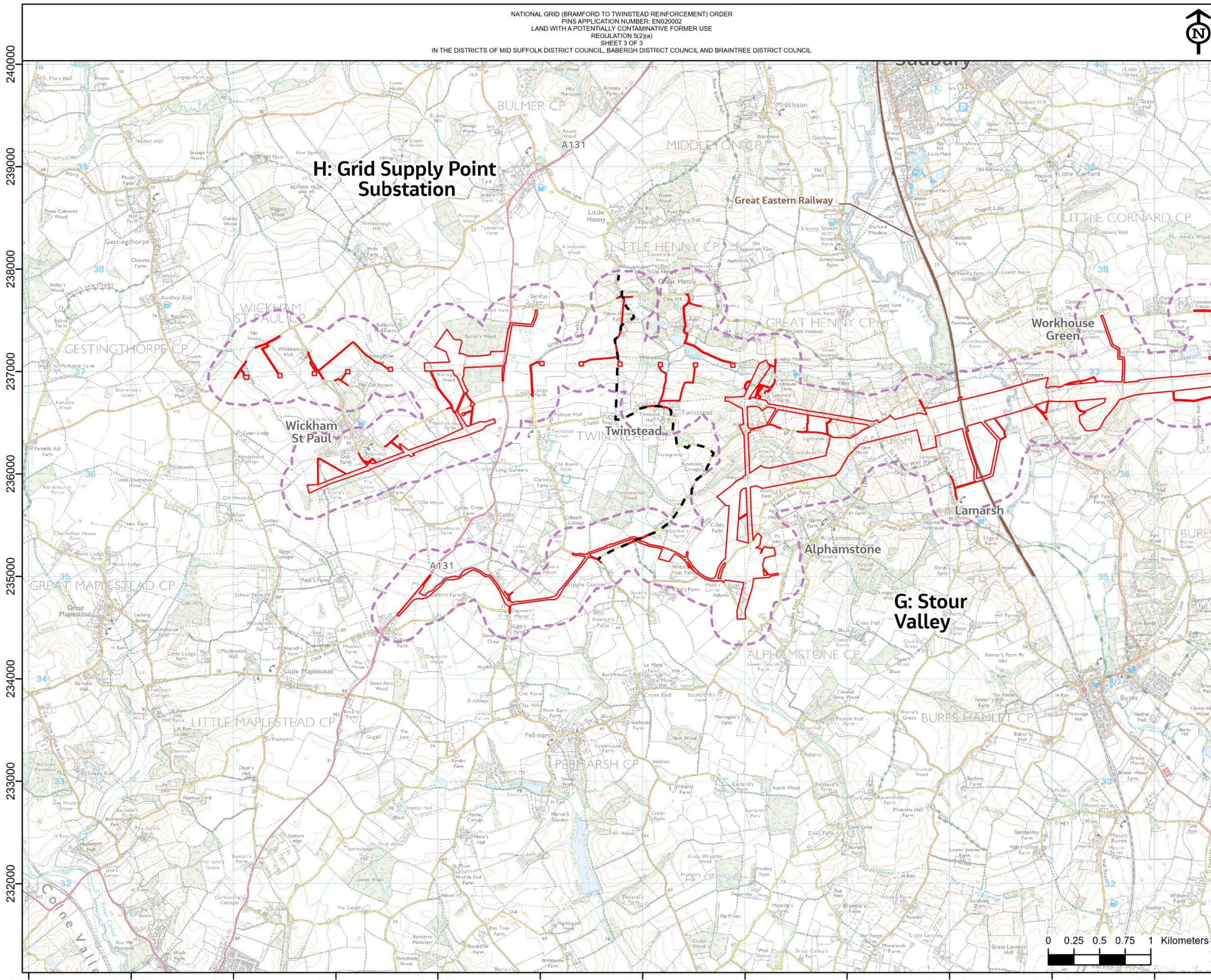
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A	03/2023	Rev A for DCO Application	GW	NC	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD
PROJECT: Bramford to Twinstead Reinforcement					
nationalgrid					
TITLE: Figure 10.5 Land with a Potentially Contaminative Former Use					
CIRCUIT / SITE: Bramford – Pelham & Bramford – Braitree – Bulls Lodge					GIS
ORIGINATOR DRAWING NO. AAA_BTT_Figure_10_5_Rev0					A3
NG DRAWING No. BT-JAC-020631-500-0046		SHEET NO. 2	NO. OF SHEETS 3	ISSUE: A	
SCALE: 1:35000					



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Legend

- Section boundaries
- Order Limits
- Study area (250m)
- Authorised landfill site
- Historic landfill site
- Land with a potentially contaminative former use (short listed sites for further assessment)



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PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 10.5
 Land with a Potentially Contaminative Former Use

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braitree – Bulls Lodge

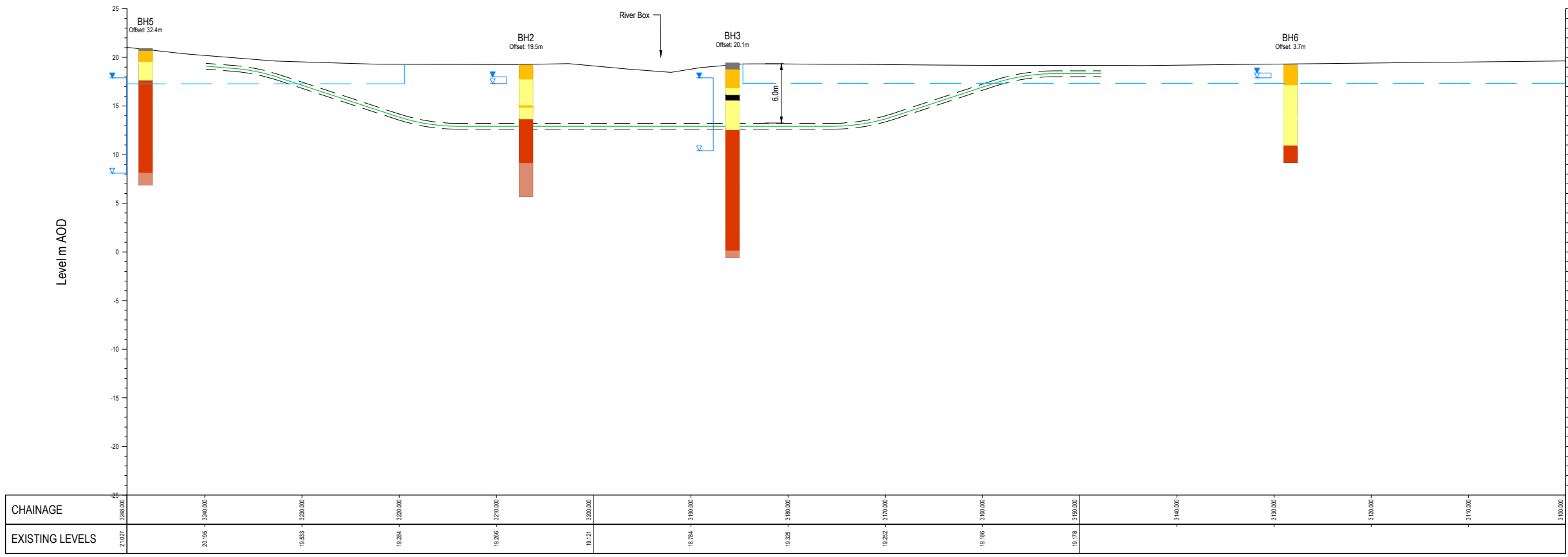
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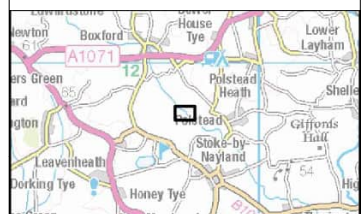
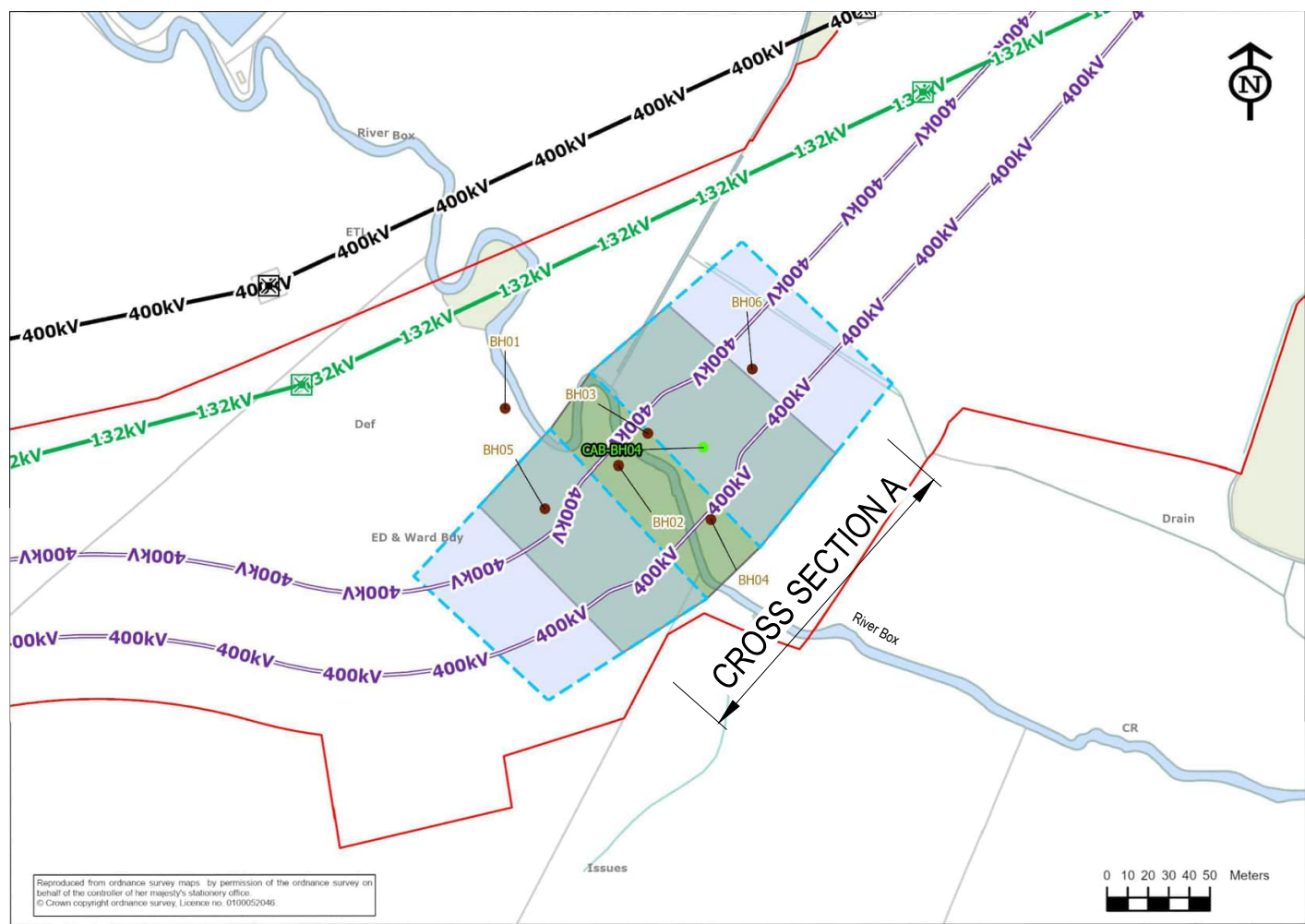
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SECTION A
 SCALE: H 1:250, V 1:250. DATUM: -25.000



- Notes**
- All dimensions are in metres unless noted otherwise.
 - The details in this drawing are illustrative only and for assessment purposes only. The final position and design will be within the parameters contained within the DCO with reference to the Work Plans.

- Legend**
- Order Limits
 - Existing pylon (not scale)
 - Proposed pylon removal (not to scale)
 - Existing 400kV overhead line
 - Proposed removal of 132kV overhead line
 - Proposed 400kV underground cable
 - Indicative launch and reception pits for horizontal directional drill
 - Trenchless crossing
 - Project ground investigation (2021)
 - Project ground investigation (2013)
- Cross Section Legend**
- Topsoil
 - Peat
 - Superficial - Clay/Silt
 - Superficial - Sand/Gravel
 - Assumed Bedrock - Clay/Silt
 - Chalk - Structured
 - Chalk - Structureless
 - Groundwater Rise
 - Groundwater Strike
 - Indicative trenchless crossing route
 - Indicative launch and reception pits for horizontal directional drill



NG Investment No.EXT/001142

ISSUE	DATE	REMARKS	DRAWN	CHKD	APPD
A	11/03/2023	Rev A for DCO application	awoo	NC	NC

PROJECT: **Bramford to Twinstead Reinforcement**

nationalgrid

TITLE: **Figure 10.6 Cross Section of the River Box**

CIRCUIT / SITE	ACAD
Bramford - Pelham & Bramford - Braitree - Bulls Lodge	
ORIGINATOR DRAWING No.	A3
AAA_BTT_Figure_10_6_Rev0	
NG DRAWING No.	Issue
BT-JAC-020631-500-0066	A
Scale: As Shown	

THE NATIONAL GRID (BRAMFORD TO TWINSTEAD REINFORCEMENT) ORDER
 PINS APPLICATION NUMBER: EN20002
 CROSS SECTION OF THE RIVER STOUR AND SUDBURY BRANCH RAILWAY LINE
 REGULATION 5(2)(a)
 SHEET 1 OF 1
 IN THE DISTRICTS OF MID SUFFOLK DISTRICT COUNCIL, BABERGH DISTRICT COUNCIL AND BRAINTREE DISTRICT COUNCIL

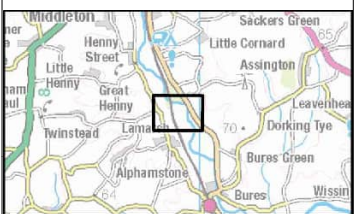
Application Document 6.4

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- Notes**
- All dimensions are in metres unless noted otherwise.
 - The details in this drawing are illustrative only and for assessment purposes only. The final position and design will be within the parameters contained within the DCO with reference to the Work Plans.

- Legend**
- Order Limits
 - Existing pylon (not scale)
 - Proposed pylon removal (not to scale)
 - Existing 400kV overhead line
 - Proposed removal of 132kV overhead line
 - Proposed 400kV underground cable
 - Indicative launch and reception pits for horizontal directional drill
 - Trenchless crossing
 - Project ground investigation (2022)
 - Project ground investigation (2013)

- Cross Section Legend**
- Topsoil
 - Peat
 - Superficial - Clay/Silt
 - Superficial - Sand/Gravel
 - Assumed Bedrock - Clay/Silt
 - Chalk - Structured
 - Chalk - Structureless
 - Groundwater Rise
 - Groundwater Strike
 - Indicative trenchless crossing route
 - Indicative launch and reception pits for horizontal directional drill



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ISSUE	DATE	REMARKS	DRAWN	CHKD	APPD
A	11/03/2023	Rev A for DCO application	dlrco	NC	WC

Bramford to Twinstead Reinforcement

nationalgrid

TITLE
 Figure 10.7
 Cross Section of the River Stour and Sudbury Branch Railway Line

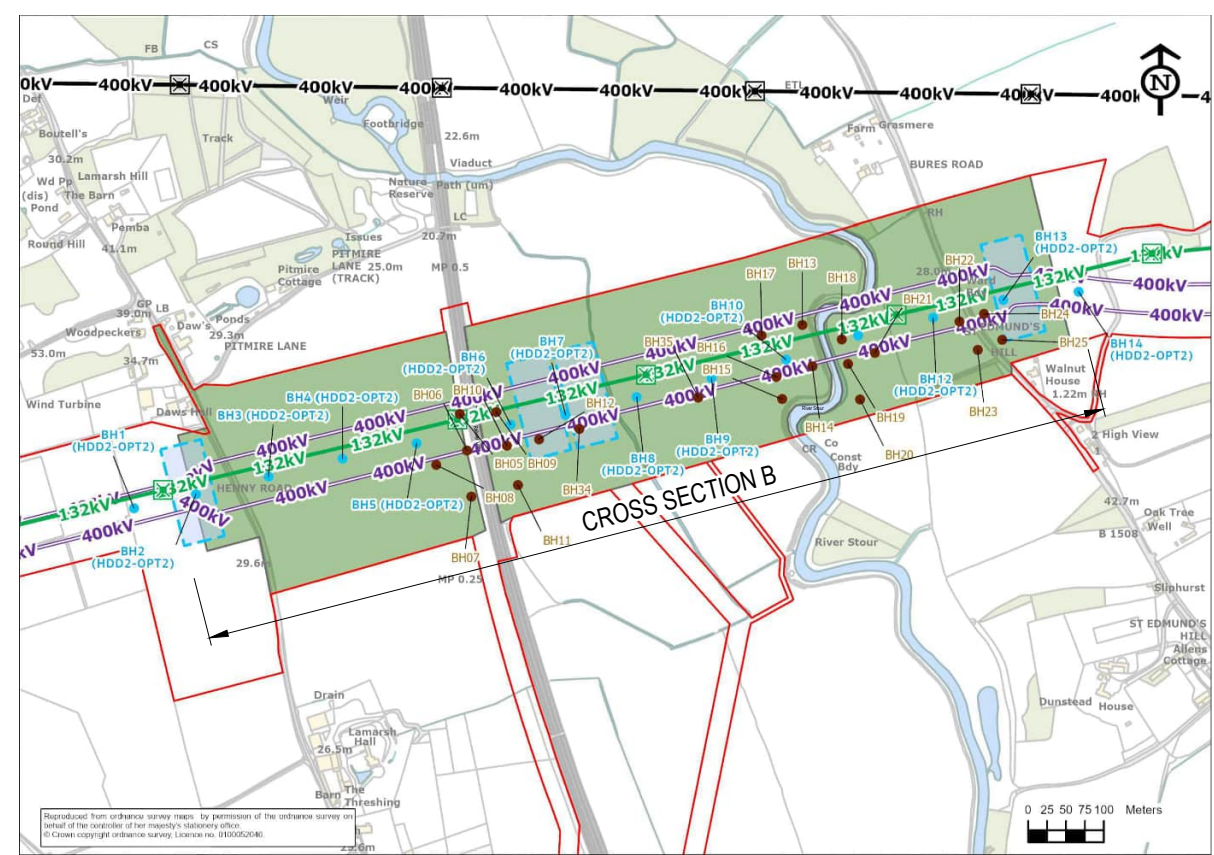
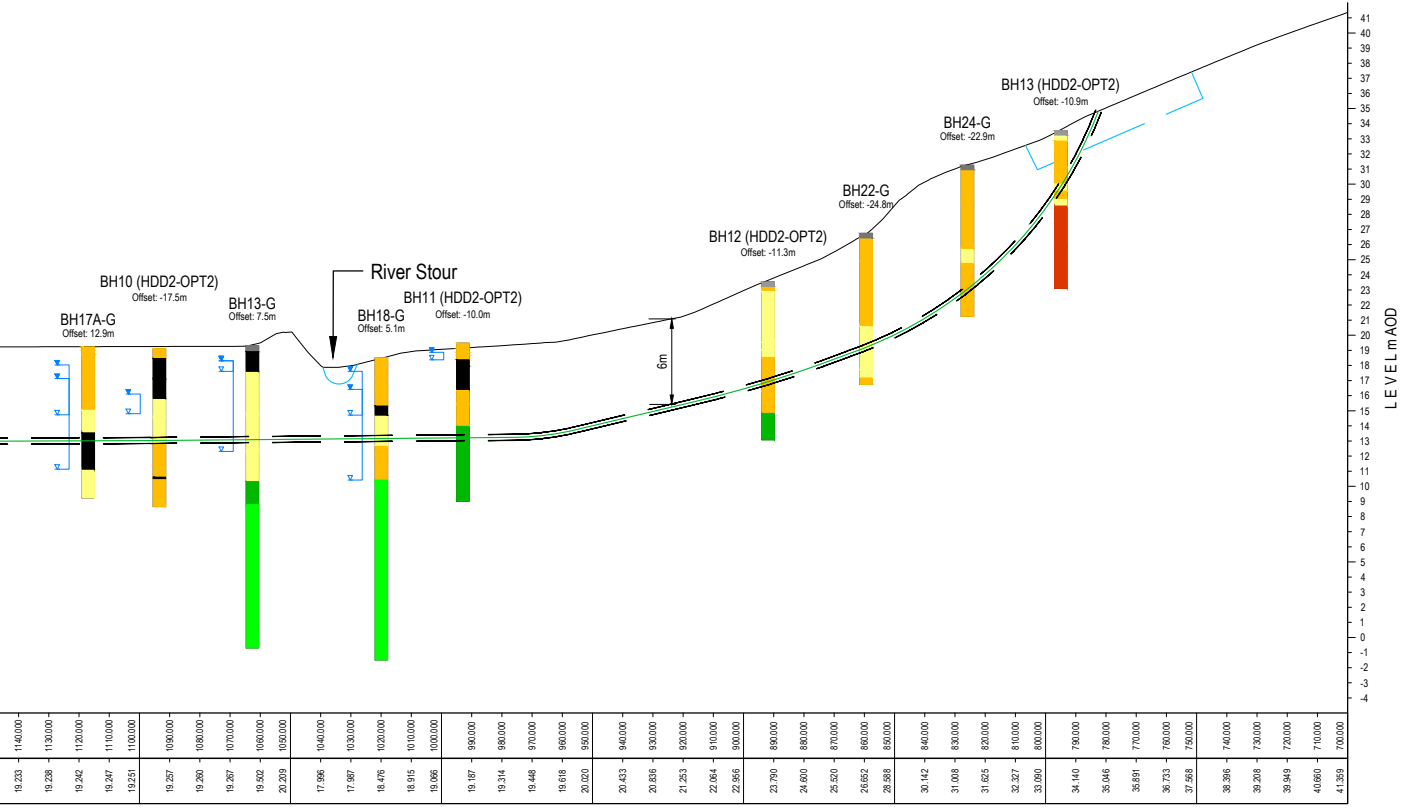
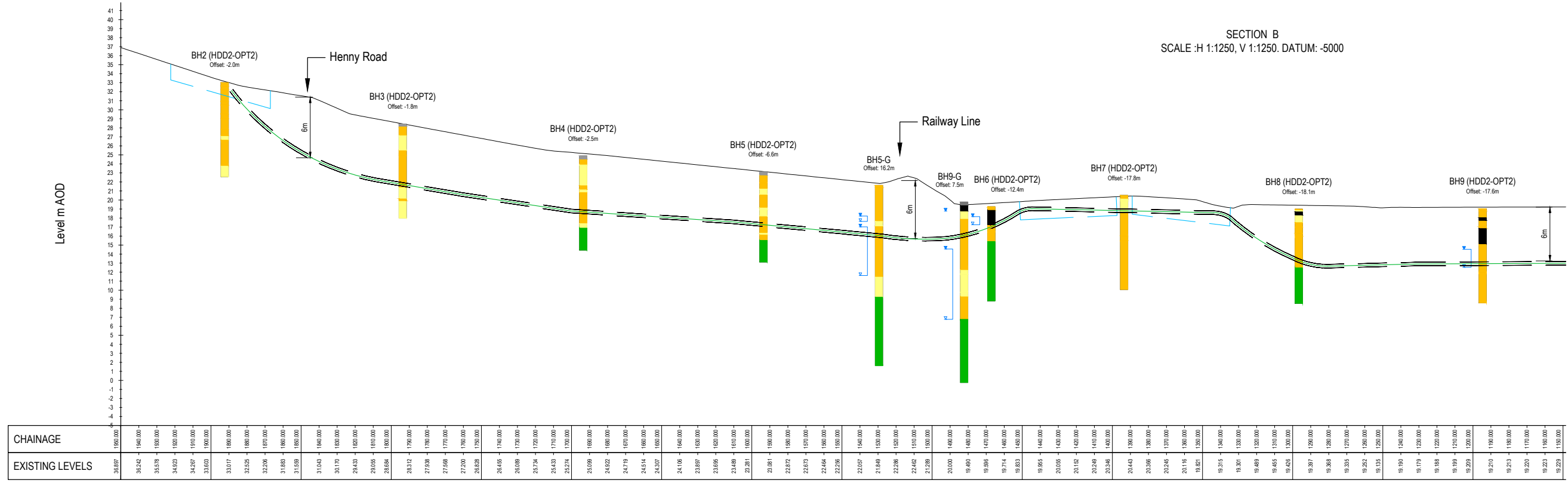
CIRCUIT / SITE
 Bramford - Pelham & Bramford - Braintree - Bulls Lodge ACAD

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 BT-JAC-020631-500-0067
 Sheet No. 1
 No. of Sheets 1
 Issue A

Scale:- As Shown

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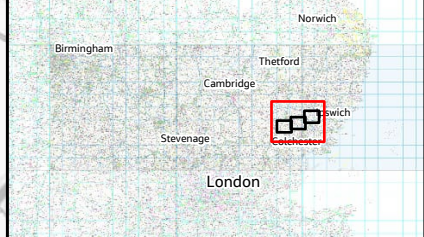
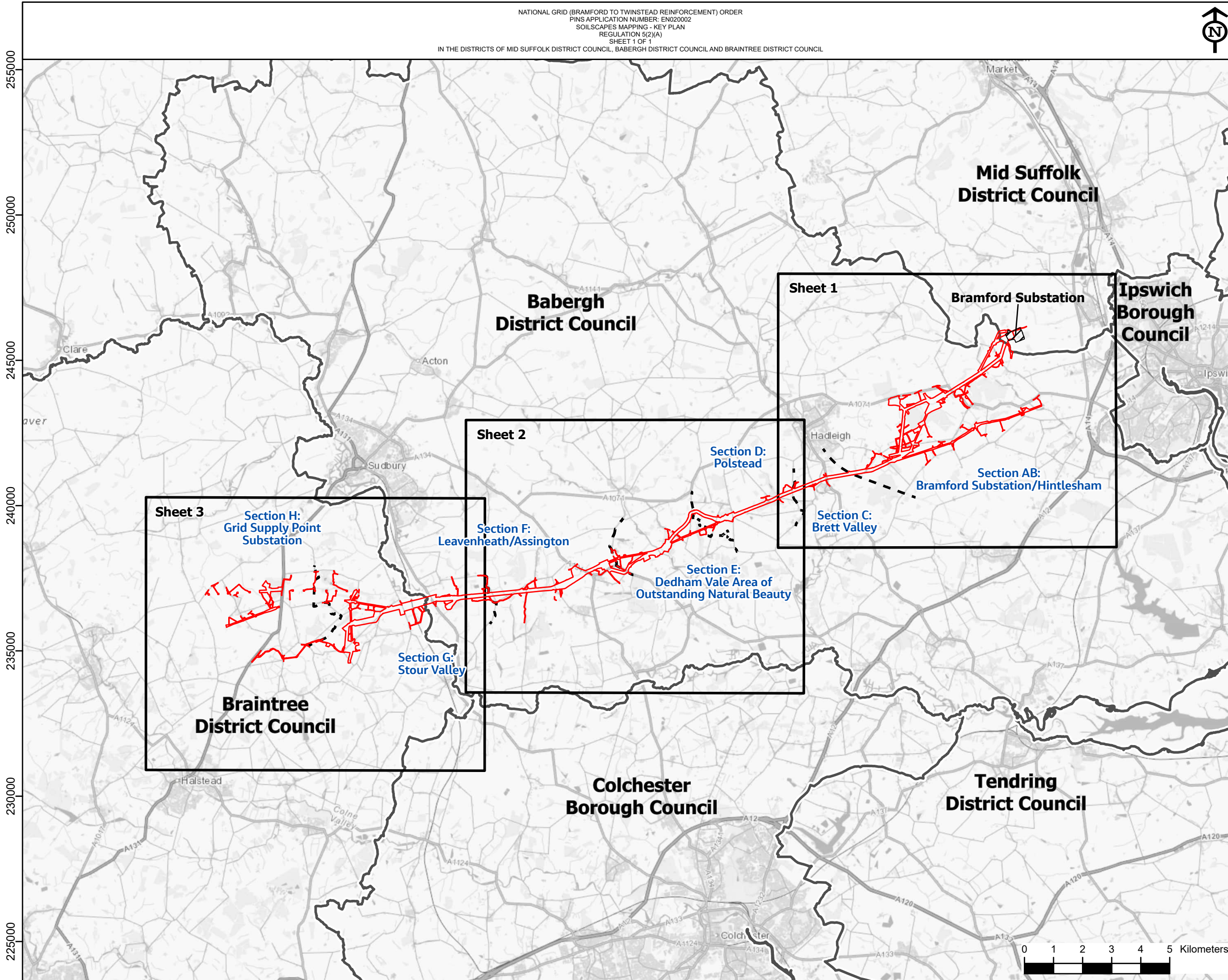




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Legend

- Section boundaries
- Order Limits
- Local authority districts
- Existing Bramford Substation



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PROJECT: Bramford to Twinstead Reinforcement



TITLE: Figure 11.1
Soilscapes Mapping - Key Plan

CIRCUIT / SITE :
Bramford – Pelham & Bramford
– Braintree – Bulls Lodge

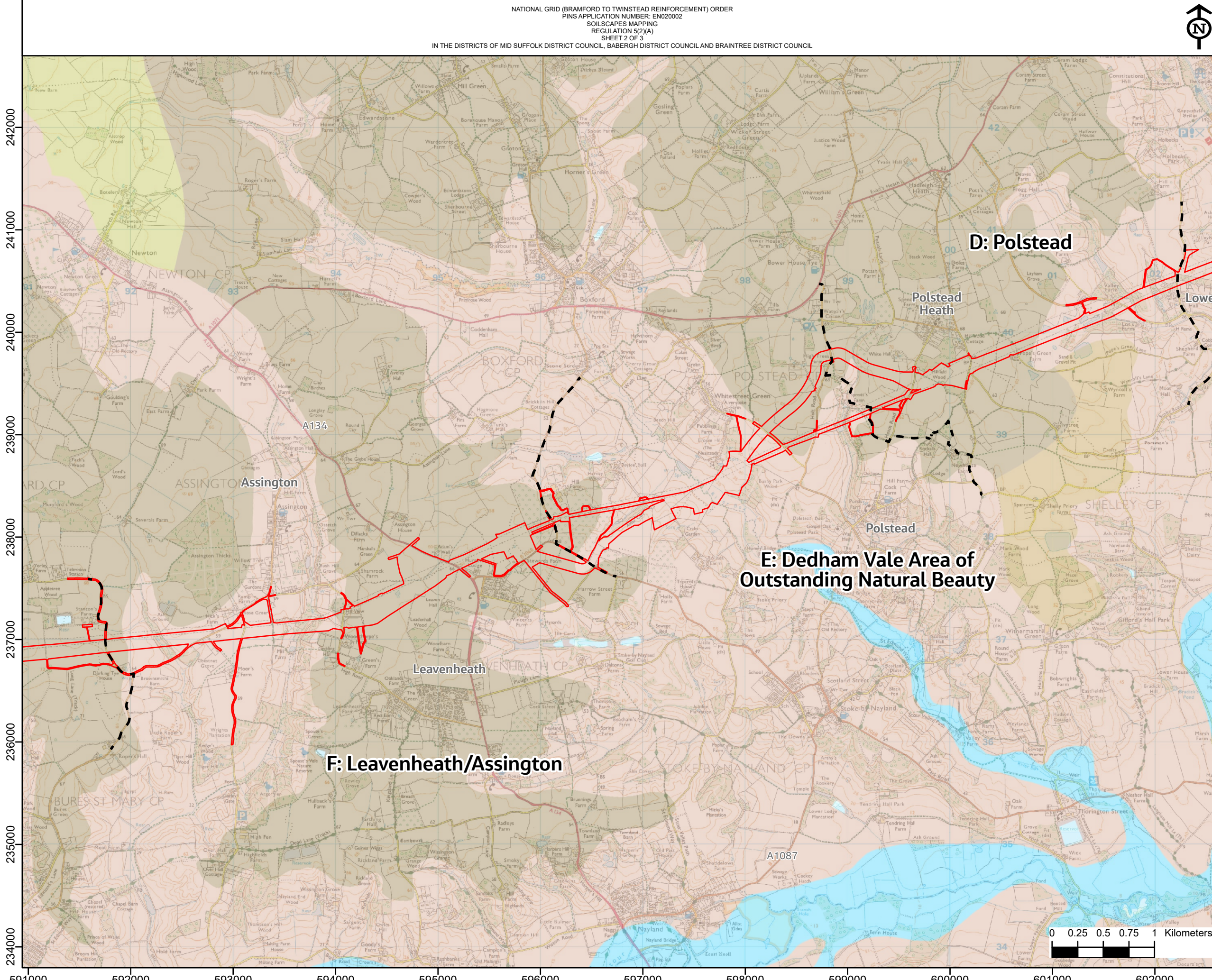
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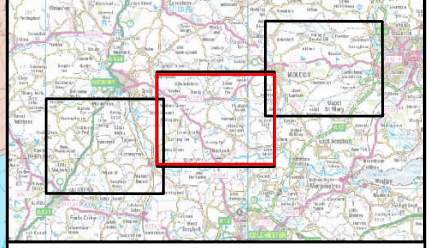
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- Legend**
- - - Section boundaries
 - Order Limits
- Soilscapes**
- Freely draining slightly acid loamy soils
 - Lime-rich loamy and clayey soils with impeded drainage
 - Slightly acid loamy and clayey soils with impeded drainage
 - Slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils
 - Freely draining slightly acid but base-rich soils
 - Loamy and clayey floodplain soils with naturally high groundwater
 - Water



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PROJECT: Bramford to Twinstead Reinforcement

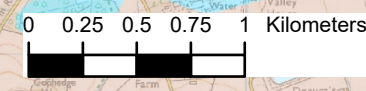


TITLE: Figure 11.1 Soilscapes Mapping

CIRCUIT / SITE : Bramford – Pelham & Bramford – Braitree – Bulls Lodge GIS

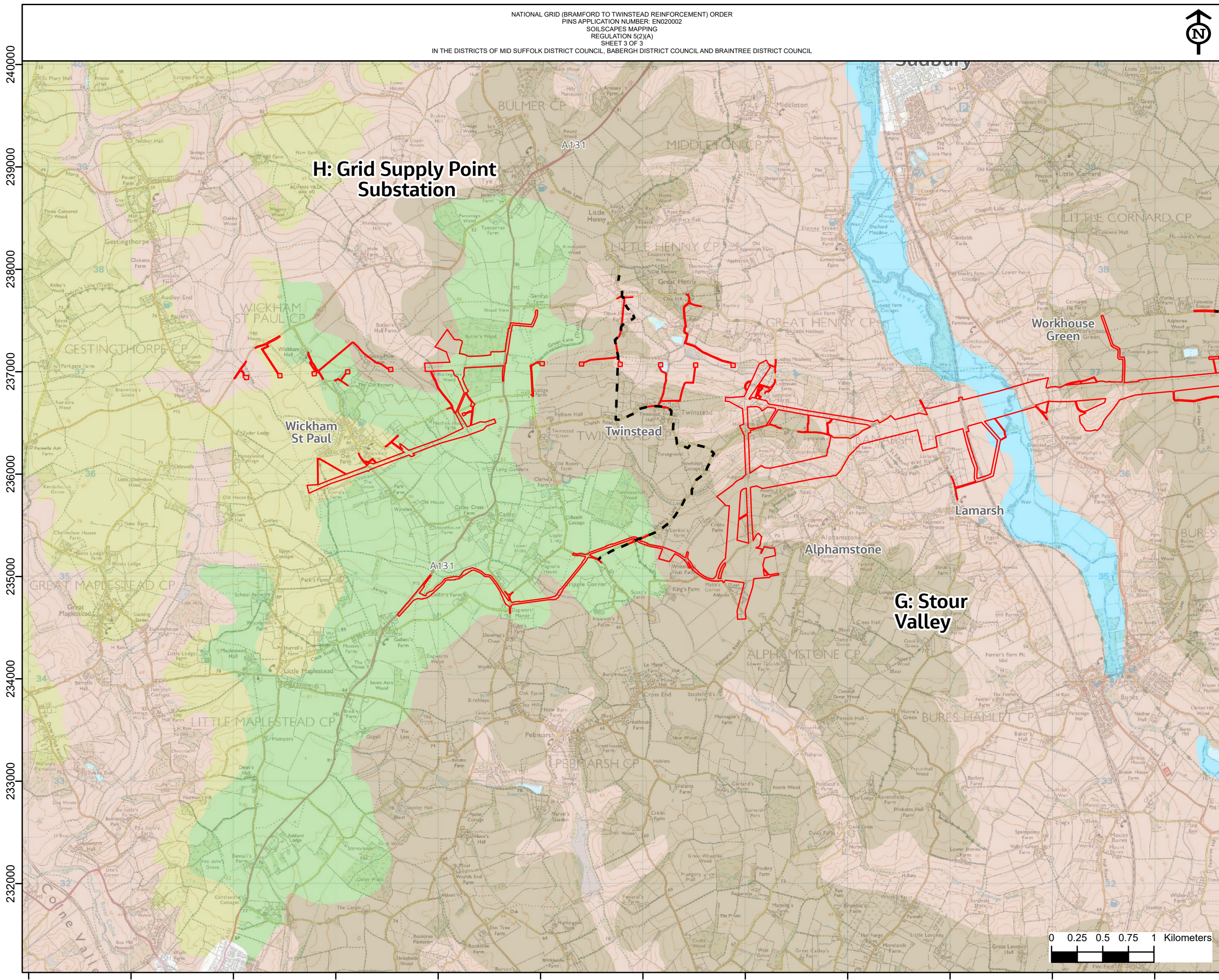
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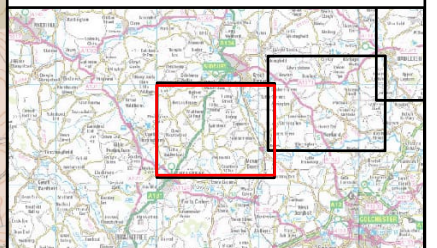




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- Legend**
- Section boundaries
 - Order Limits
- Soilscapes**
- Freely draining slightly acid loamy soils
 - Lime-rich loamy and clayey soils with impeded drainage
 - Slightly acid loamy and clayey soils with impeded drainage
 - Slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils
 - Freely draining slightly acid but base-rich soils
 - Loamy and clayey floodplain soils with naturally high groundwater
 - Water



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A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

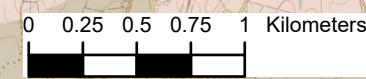
nationalgrid

TITLE: **Figure 11.1 Soilscapes Mapping**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braitree – Bulls Lodge** **GIS**

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NG DRAWING No. **BT-JAC-020631-500-0047** SHEET NO. **3** NO. OF SHEETS **3** ISSUE: **A**



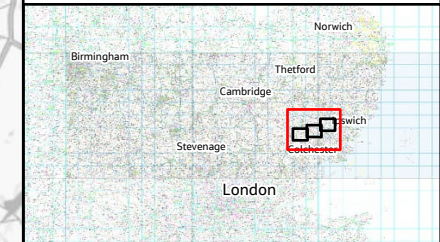
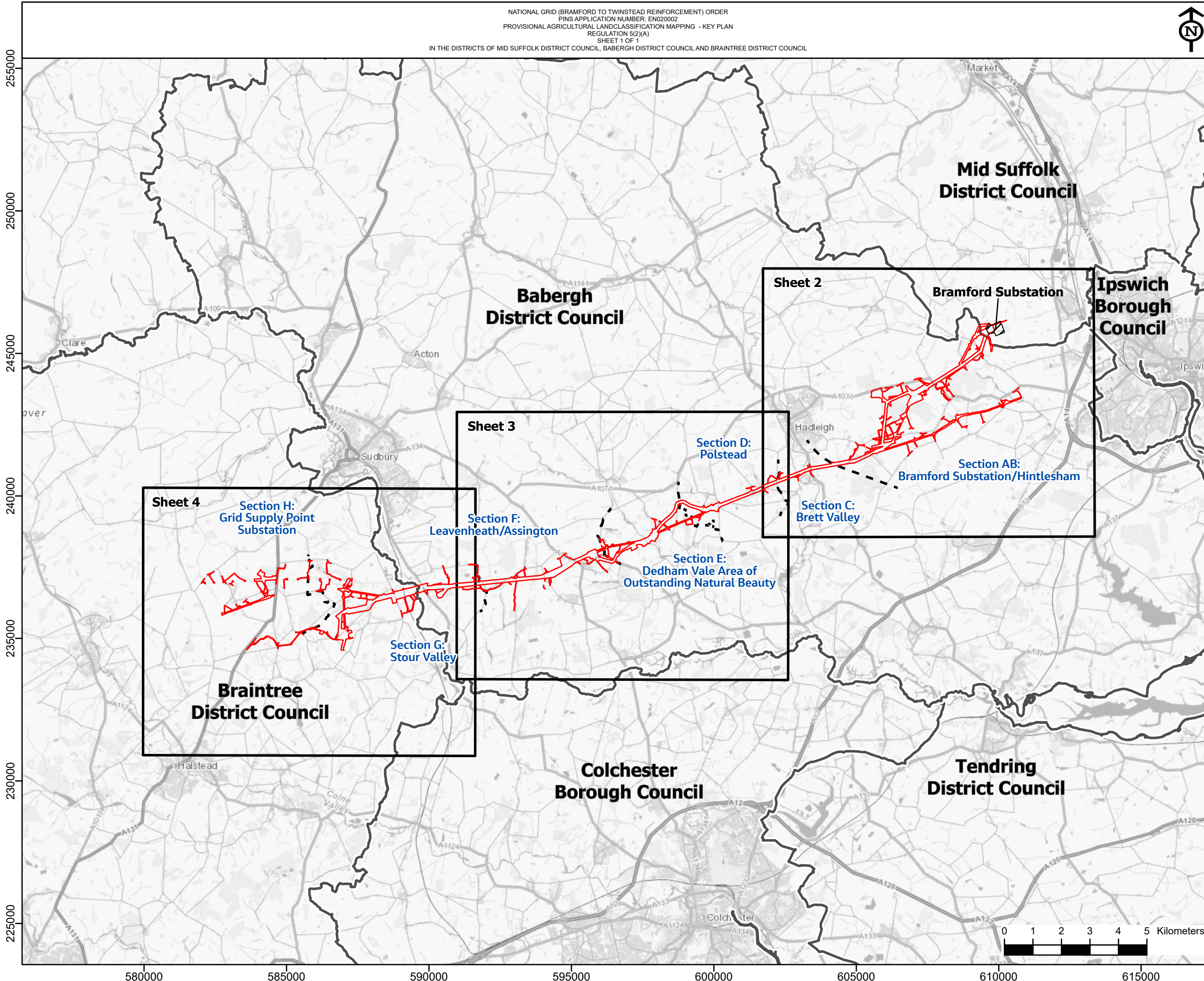
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Legend

- - - Section boundaries
- ▭ Order Limits
- ▭ Local authority districts
- ▨ Existing Bramford Substation



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PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 11.2
 Provisional Agricultural Land Classification Mapping - Key Plan

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braintree – Bulls Lodge

ORIGINATOR DRAWING NO. AAA_BTT_Figure_11_2_Rev0_KeyPlan

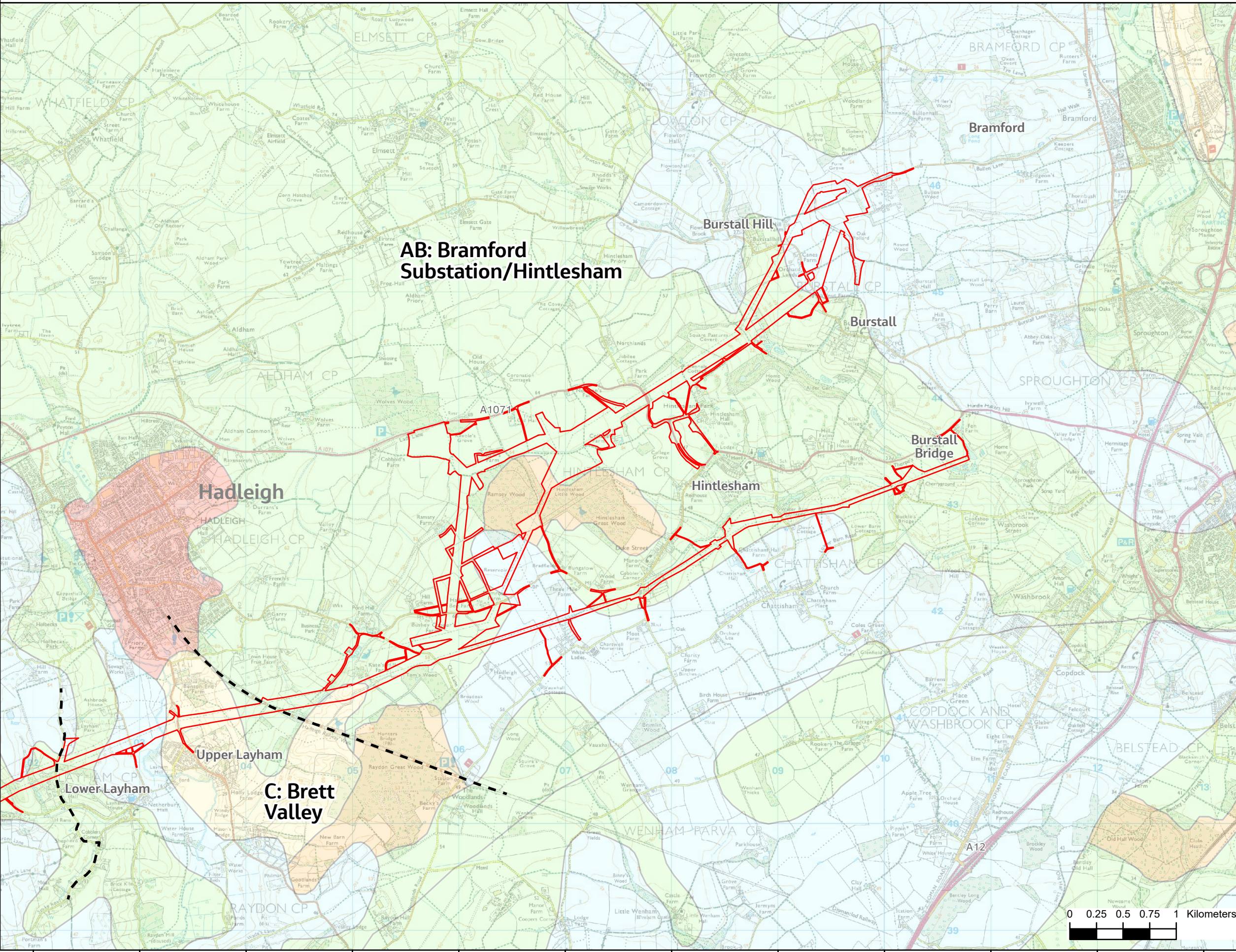
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247000
246000
245000
244000
243000
242000
241000
240000
239000



Legend

--- Section boundaries

Order Limits

Agricultural land classification (ALC)

Grade 2

Grade 3

Grade 4

Non agricultural

Urban



NG Investment No. ETX/01142

A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

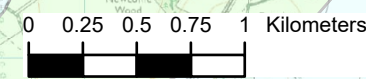
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TITLE: Figure 11.2
 Provisional Agricultural Land Classification Mapping

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Brantree – Bulls Lodge

ORIGINATOR DRAWING NO.
 AAA_BTT_Figure_11_2_Rev0

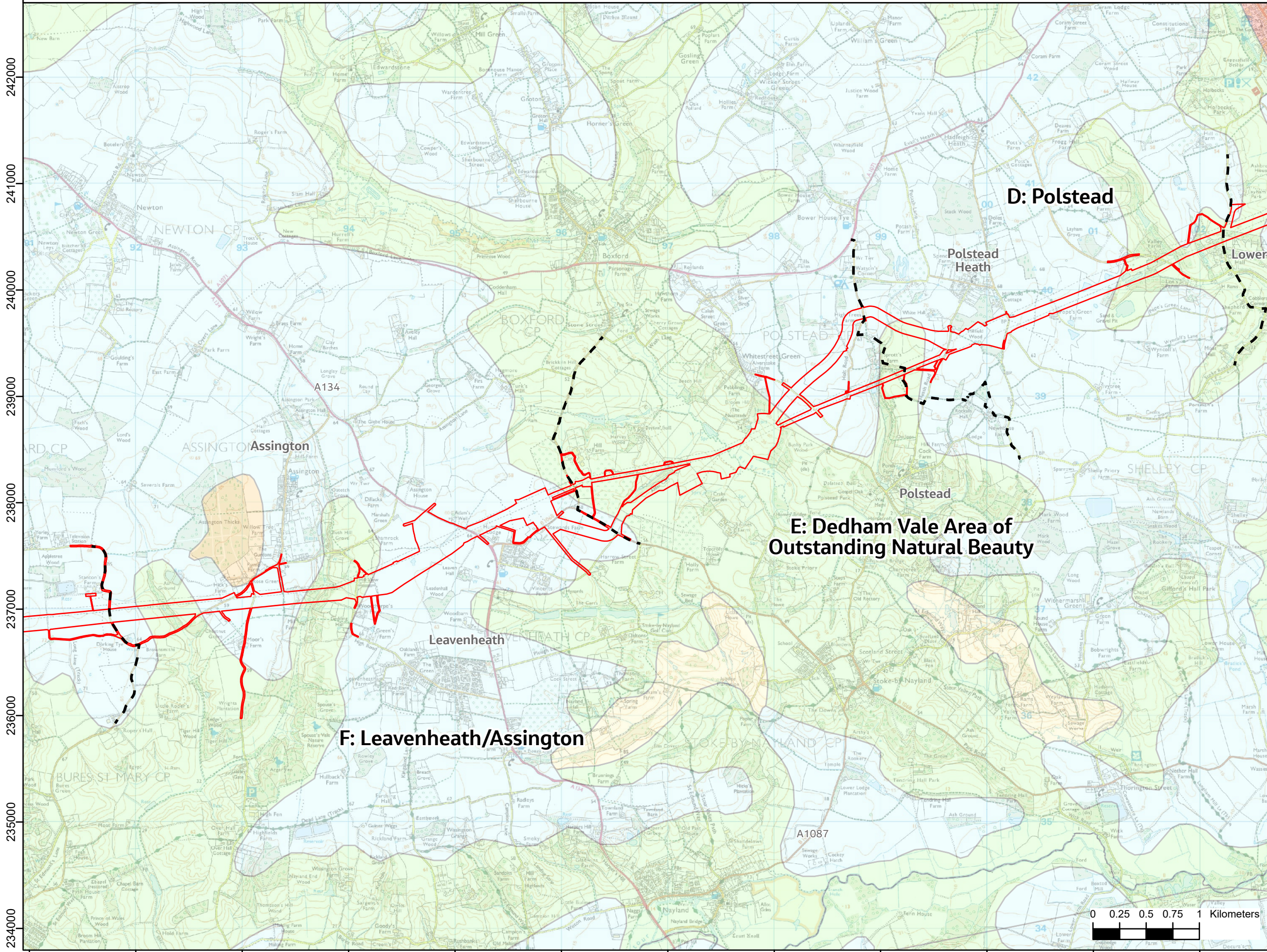
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- Legend**
- Section boundaries
 - Order Limits
- Agricultural land classification (ALC)**
- Grade 2
 - Grade 3
 - Grade 4
 - Non agricultural
 - Urban



NG Investment No. ETX/01142

A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

nationalgrid

TITLE: **Figure 11.2
 Provisional Agricultural Land
 Classification Mapping**

CIRCUIT / SITE :
**Bramford – Pelham & Bramford
 – Braitree – Bulls Lodge**

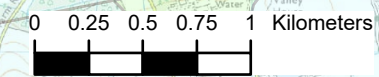
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A3

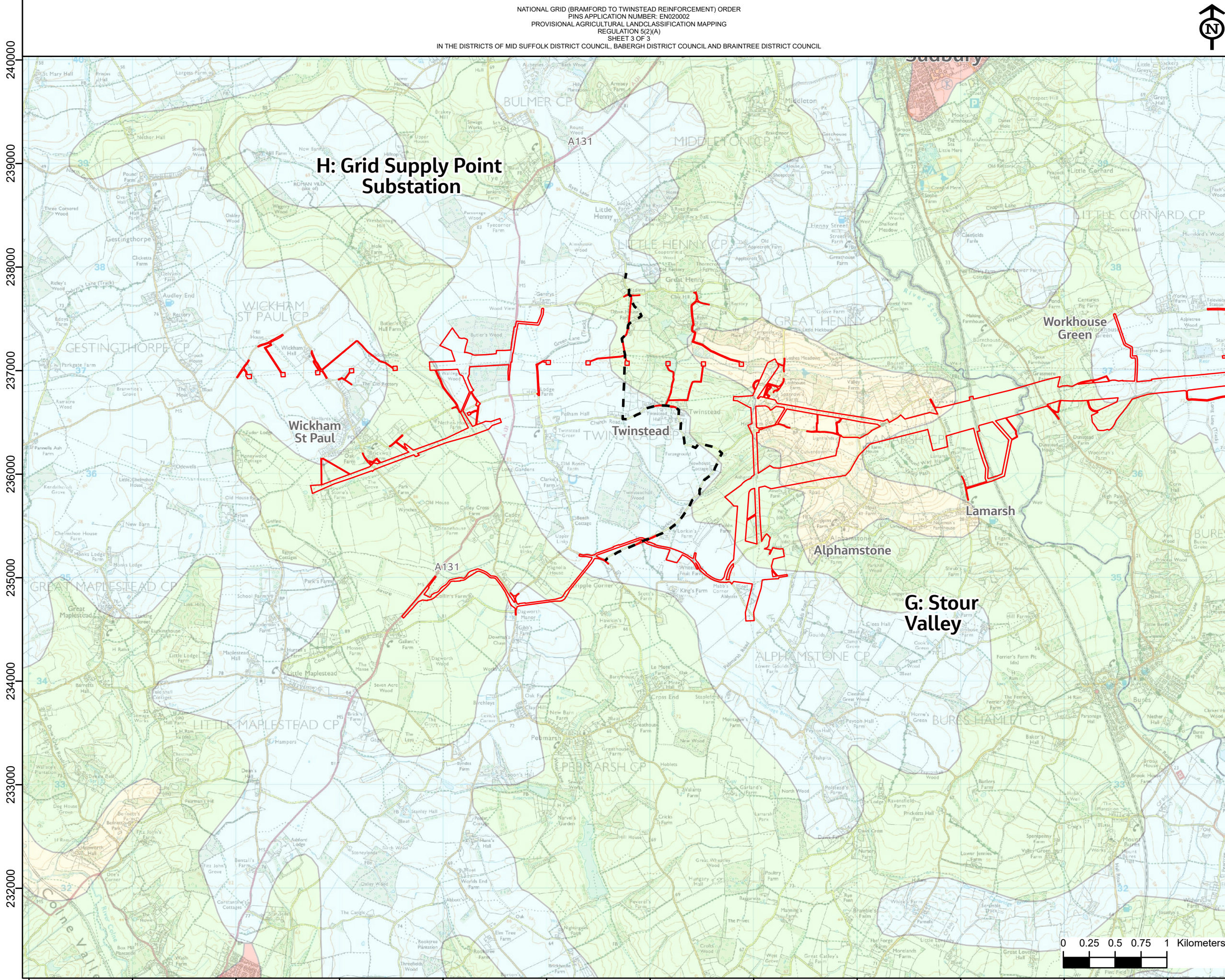
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 ISSUE: **A**

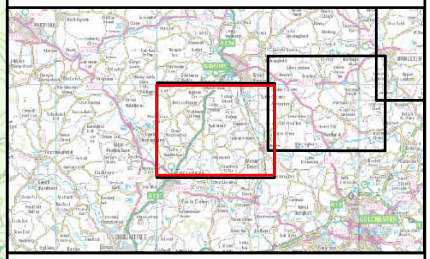




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- Legend**
- Section boundaries
 - Order Limits
- Agricultural land classification (ALC)**
- Grade 2
 - Grade 3
 - Grade 4
 - Urban



NG Investment No. ETX/01142

A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

nationalgrid

TITLE: **Figure 11.2
 Provisional Agricultural Land
 Classification Mapping**

CIRCUIT / SITE:
**Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge**

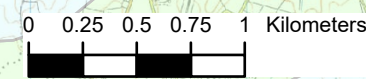
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NO. OF SHEETS **3**

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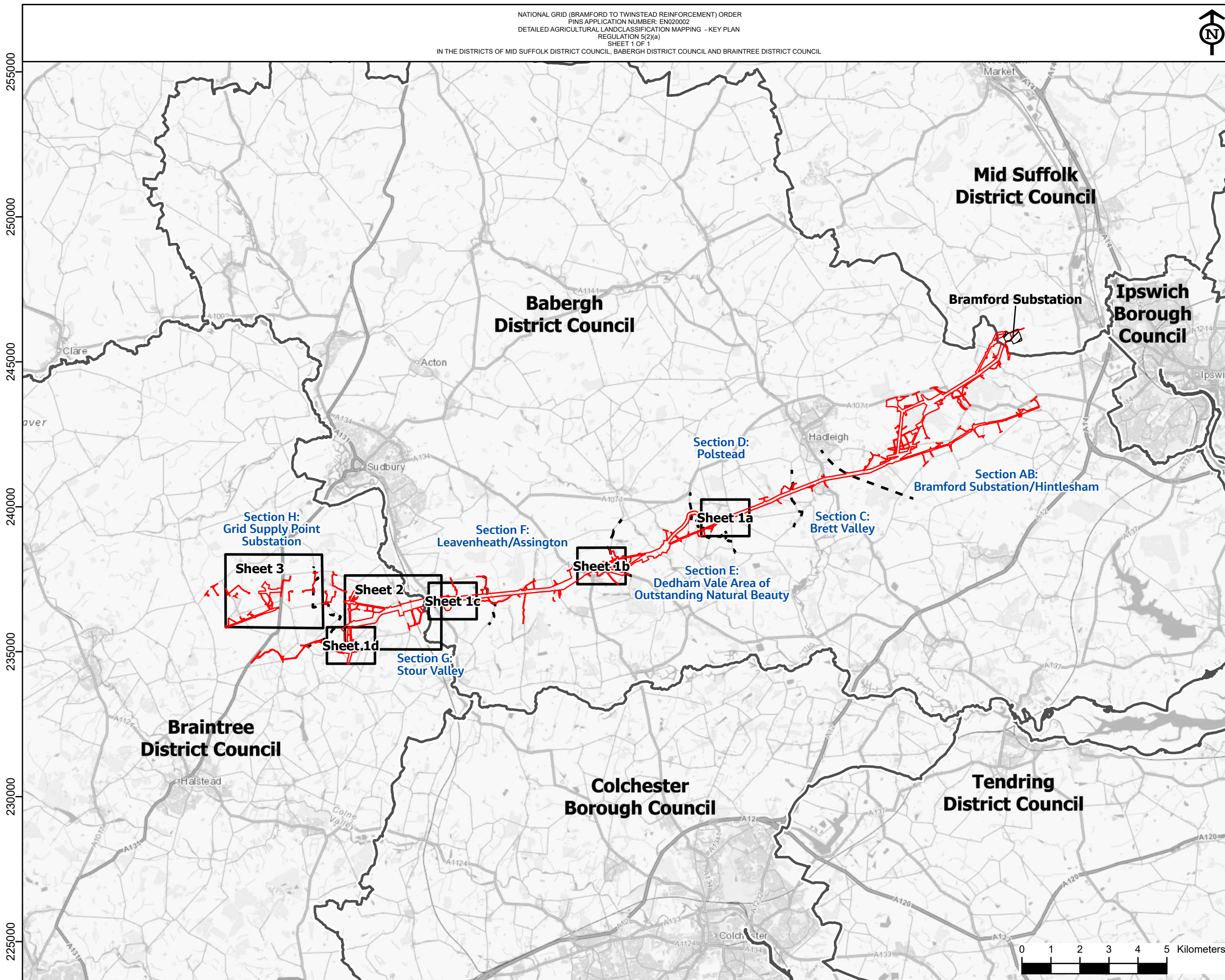
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Legend

- Section boundaries
- Order Limits
- Local authority districts
- Existing Bramford Substation



NG Investment No. ETX/01142

A	03/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 11.3
 Detailed Agricultural Land
 Classification Mapping - Key Plan

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge

ORIGINATOR DRAWING NO.
 AAA_BTT_Figure_11_3_Rev0_KeyPlan

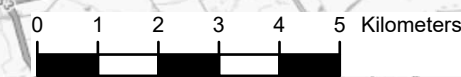
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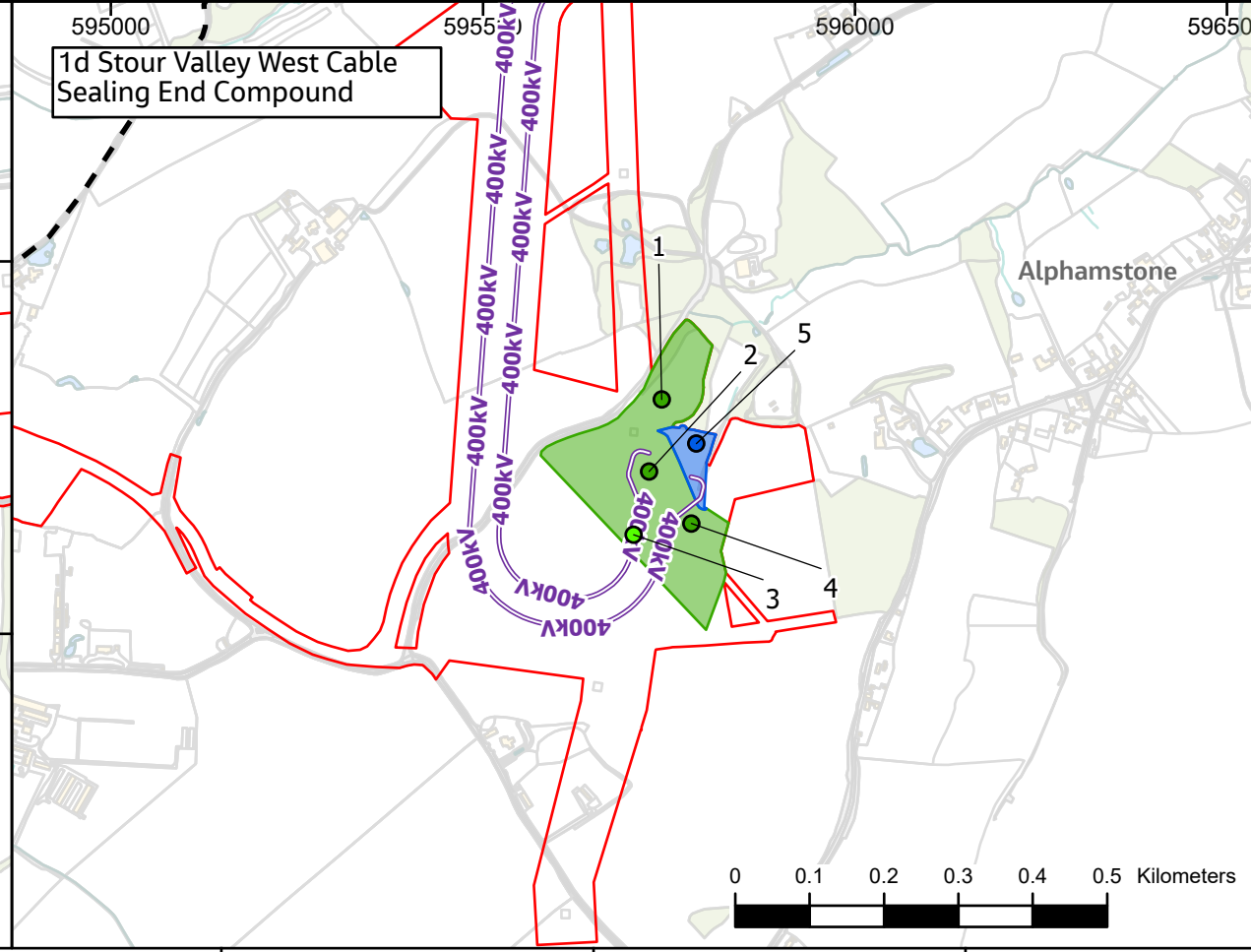
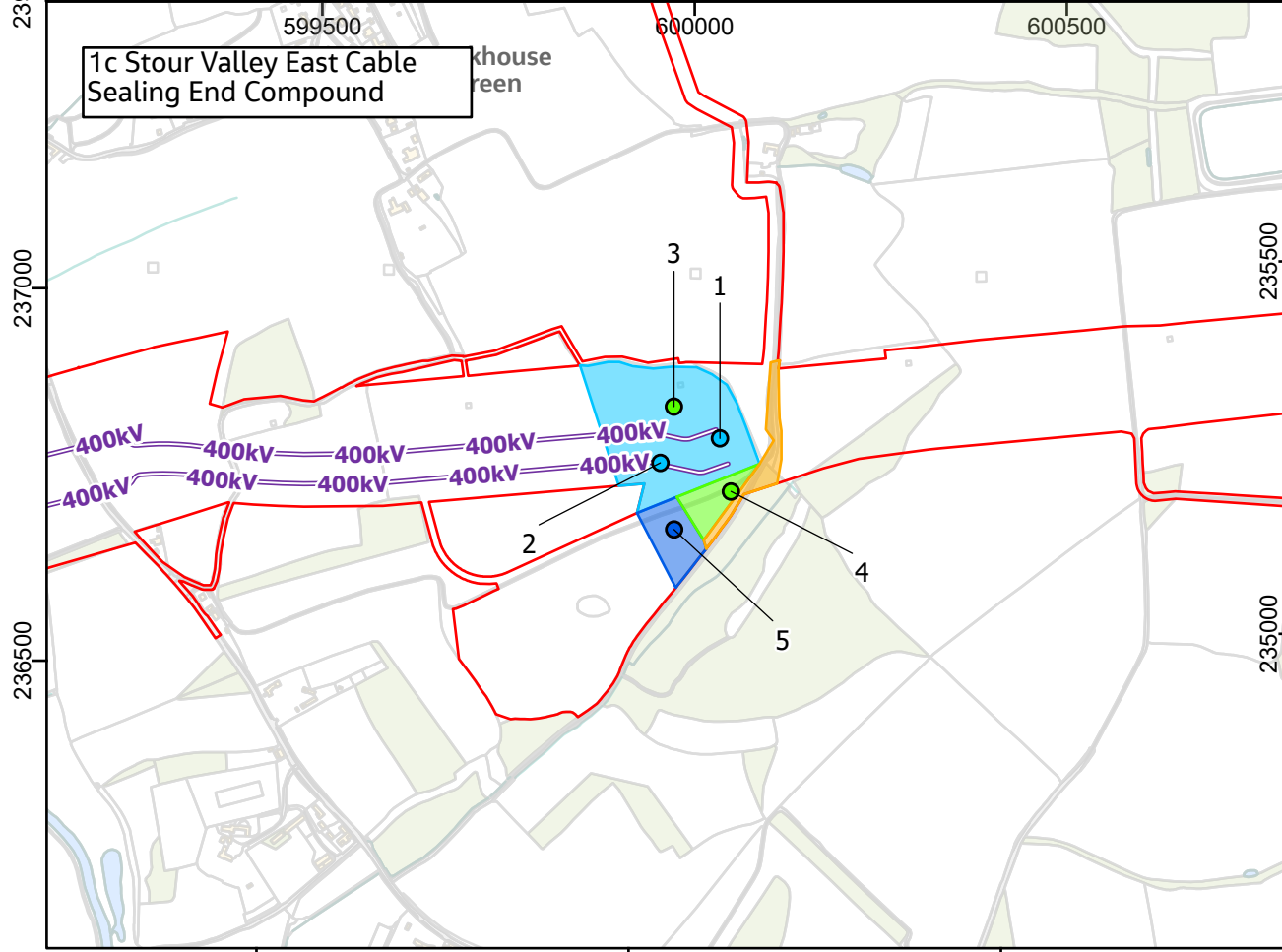
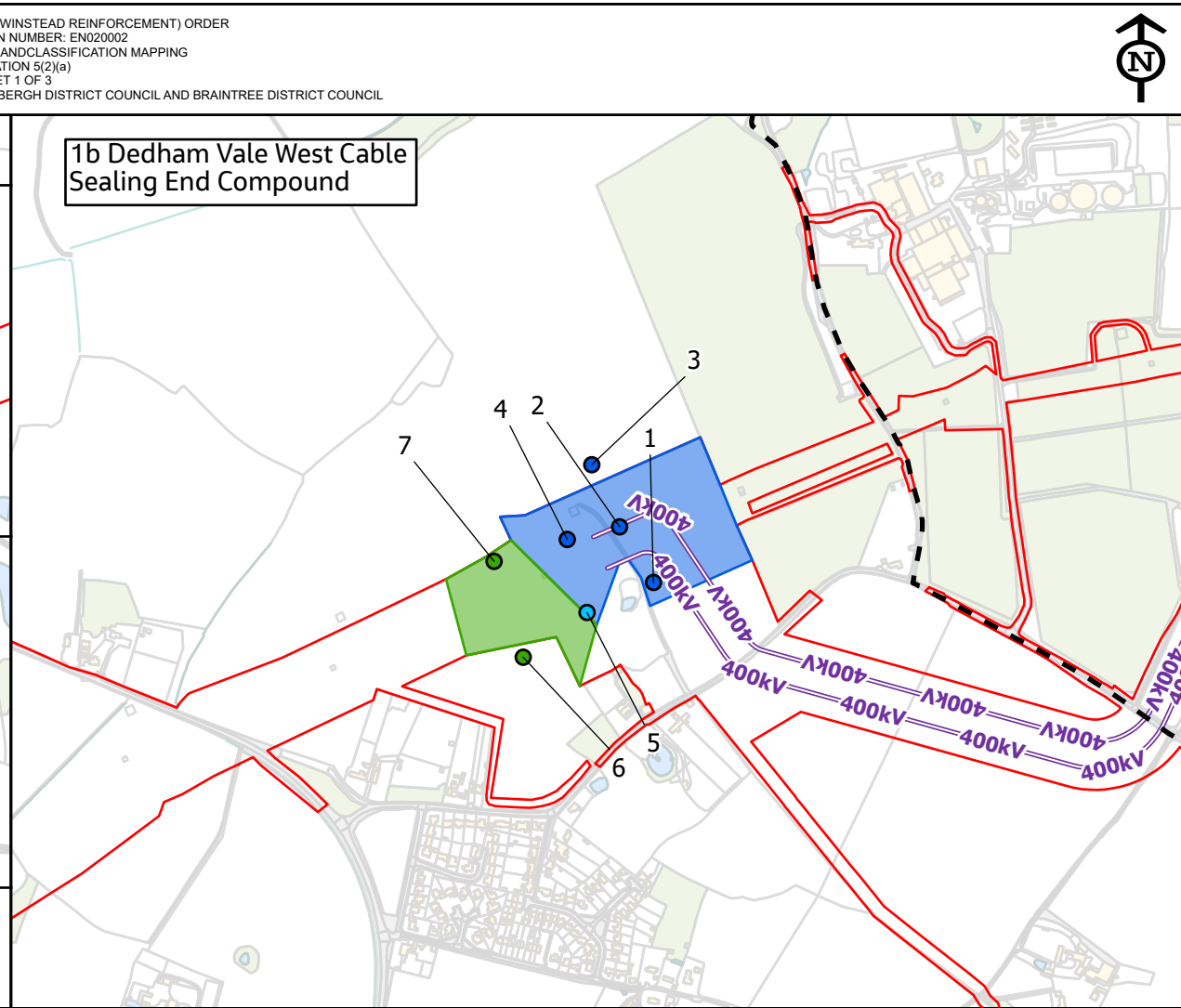
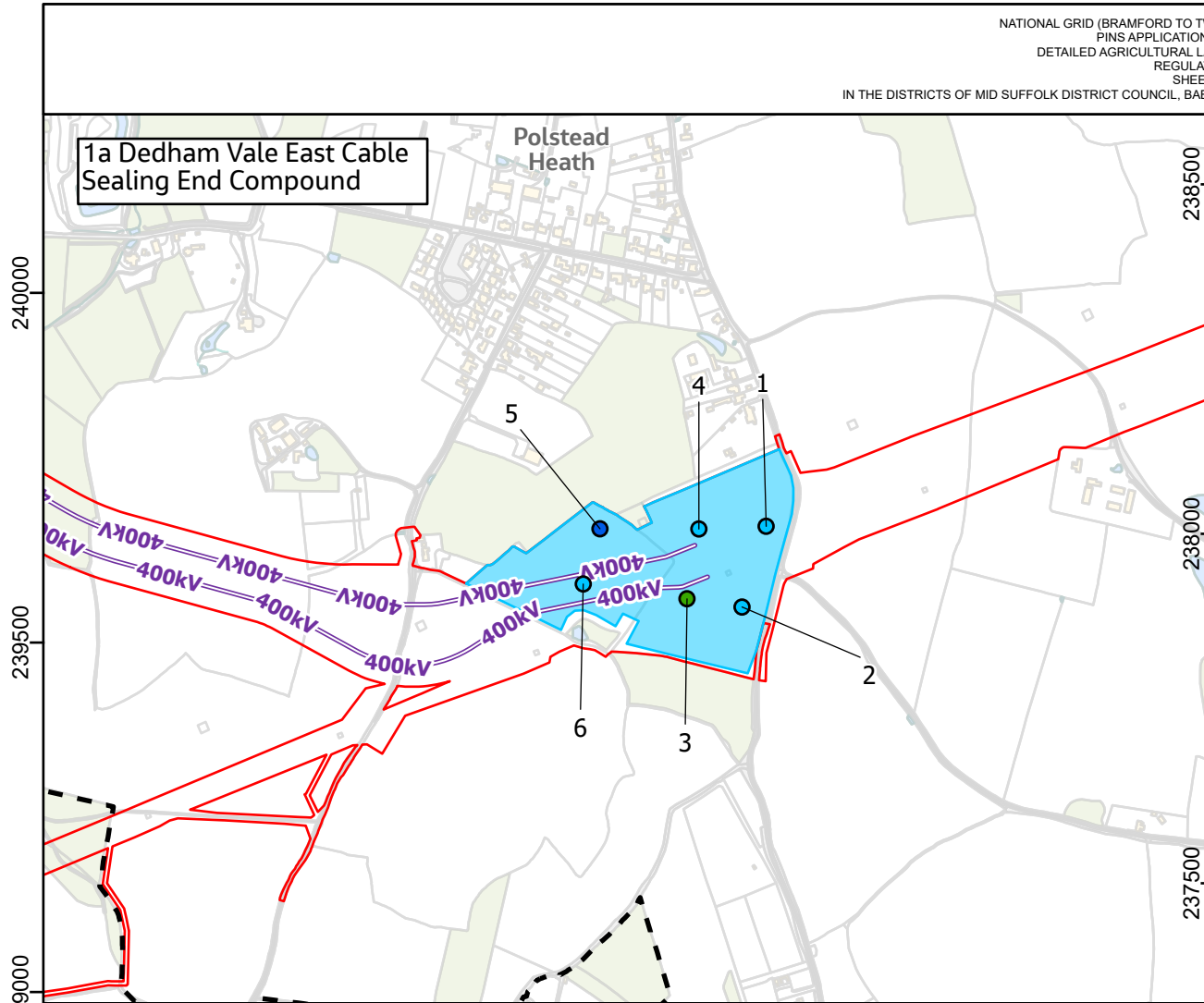
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ISSUE:
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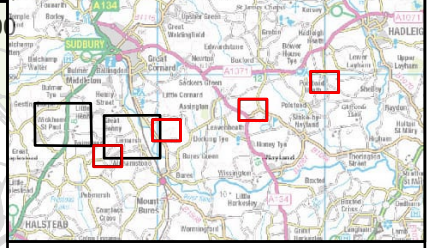




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- Section boundaries
 - Order Limits
 - Proposed underground cable
- Detailed Agricultural Land Classification survey**
- Grade
- 1 (Blue)
 - 2 (Light Blue)
 - 3a (Green)
 - 3b (Light Green)
 - Non-Agricultural (Yellow)
- Auger boring points**
- Grade
- 1 (Blue dot)
 - 2 (Light Blue dot)
 - 3a (Green dot)
 - 3b (Light Green dot)
 - Non-Agricultural (Yellow dot)
- Auger point reference (see Annex A of Environmental Statement Appendix 11.1 (application document 6.3.11.1) for details)
- 1



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PROJECT: **Bramford to Twinstead Reinforcement**



TITLE: **Figure 11.3 Detailed Agricultural Land Classification Mapping**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braintree – Bulls Lodge**

ORIGINATOR DRAWING NO. **AAA_BTT_Figure_11_3_Rev0**

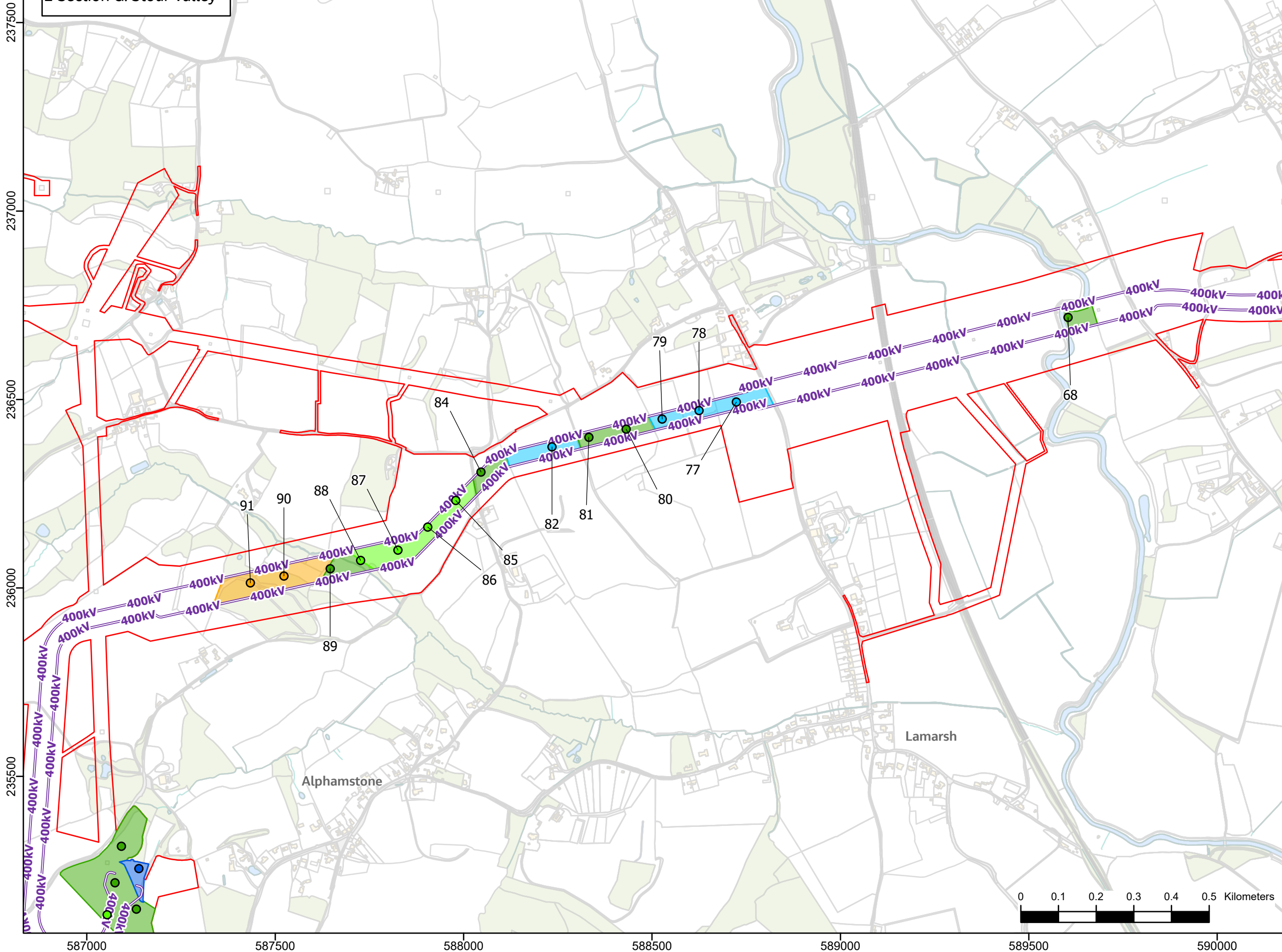
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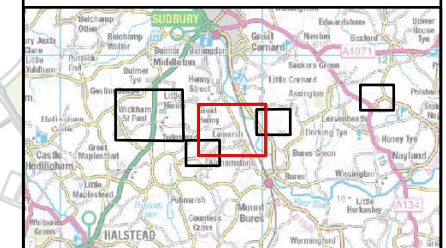


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2 Section G: Stour Valley



- Section boundaries
 - Order Limits
 - Proposed underground cable
- Detailed Agricultural Land Classification survey**
- Grade
- 1
 - 2
 - 3a
 - 3b
 - Non-Agricultural
- Auger boring points**
- Grade
- 1
 - 2
 - 3a
 - 3b
 - Non-Agricultural
- Auger point reference (see Annex A of Environmental Statement Appendix 11.1 (application document 6.3.11.1) for details)
- 1



NG Investment No. ETX/01142

A	03/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

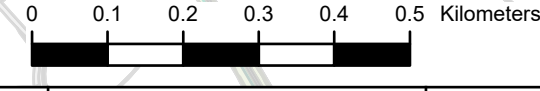


TITLE: **Figure 11.3 Detailed Agricultural Land Classification Mapping**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Braitree – Bulls Lodge** **GIS**

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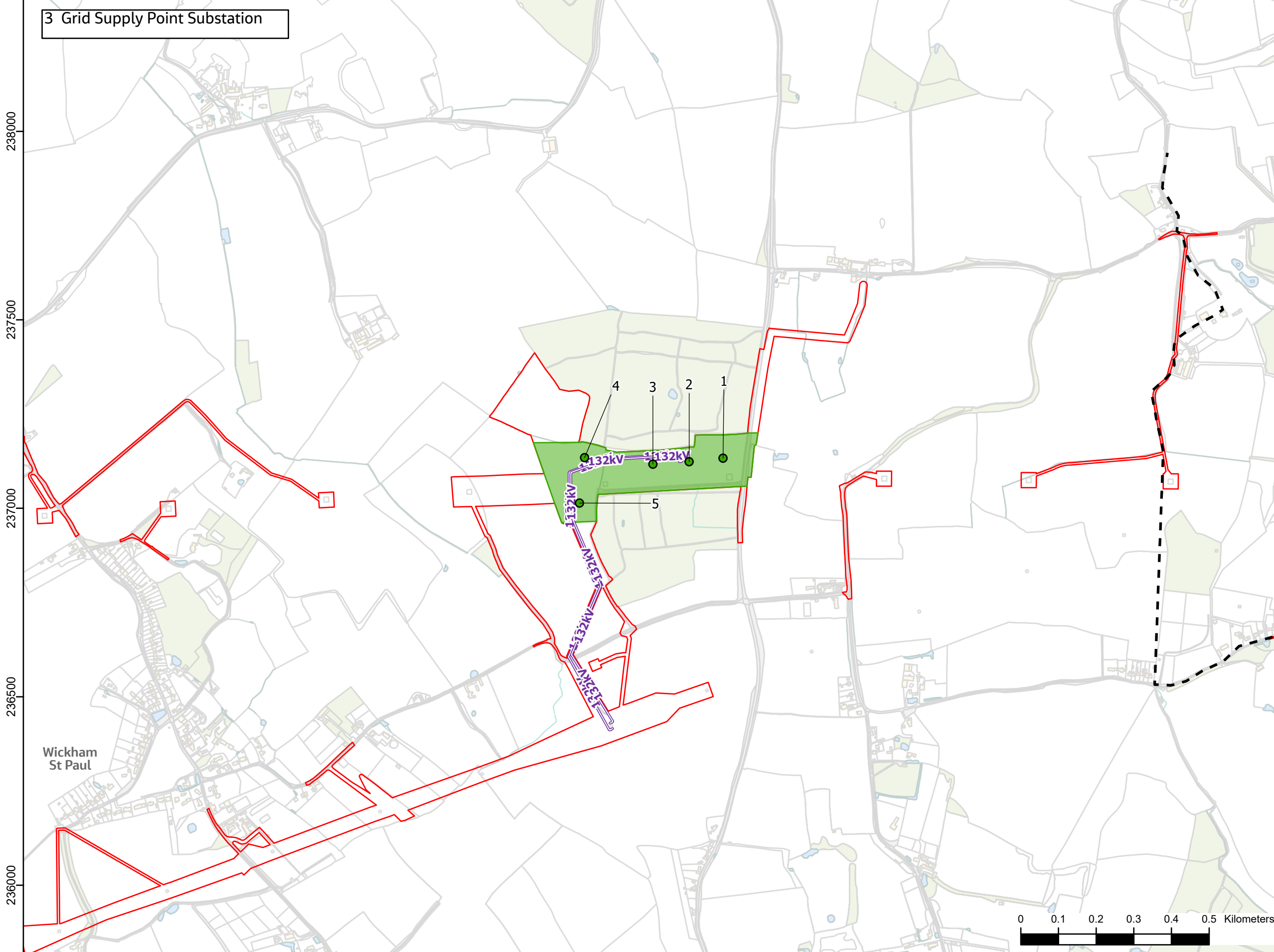
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3 Grid Supply Point Substation



- Section boundaries
- Order Limits
- Proposed underground cable

Detailed Agricultural Land
 Classification survey

Grade

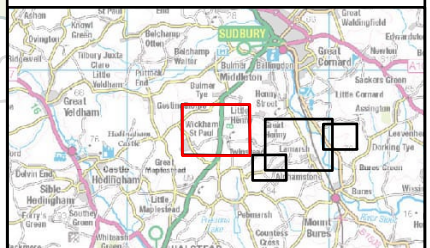
- 1
- 2
- 3a
- 3b
- Non-Agricultural

Auger boring points

Grade

- 1
- 2
- 3a
- 3b
- Non-Agricultural

Auger point reference (see
 Annex A of Environmental
 Statement Appendix 11.1
 (application document
 6.3.11.1) for details)



NG Investment No. ETX/01142

A	03/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead
 Reinforcement**

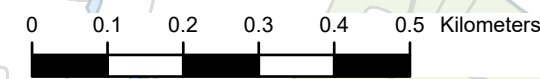


TITLE: **Figure 11.3
 Detailed Agricultural Land
 Classification Mapping**

CIRCUIT / SITE :
**Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge** GIS

ORIGINATOR DRAWING NO.
 AAA_BTT_Figure_11_3_Rev0 **A3**

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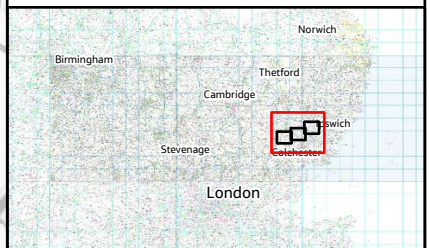
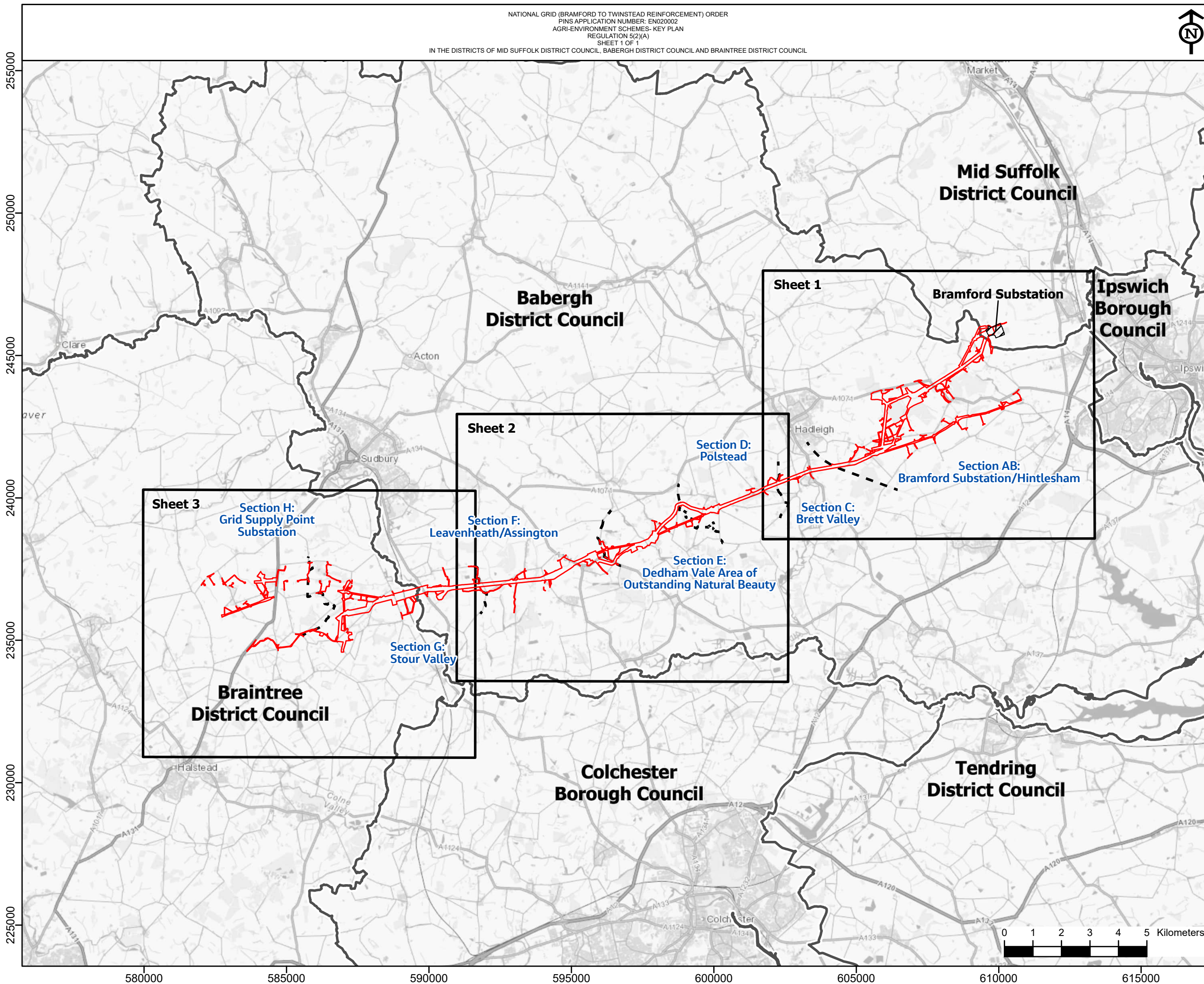




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Legend

- - - Section boundaries
- ▭ Order Limits
- ▭ Local authority districts
- ▨ Existing Bramford Substation



NG Investment No. ETX/01142

A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

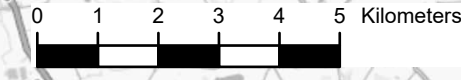


TITLE: Figure 11.4
 Agri-environment Schemes - Key Plan

CIRCUIT / SITE :
 Bramford – Pelham & Bramford – Braintree – Bulls Lodge

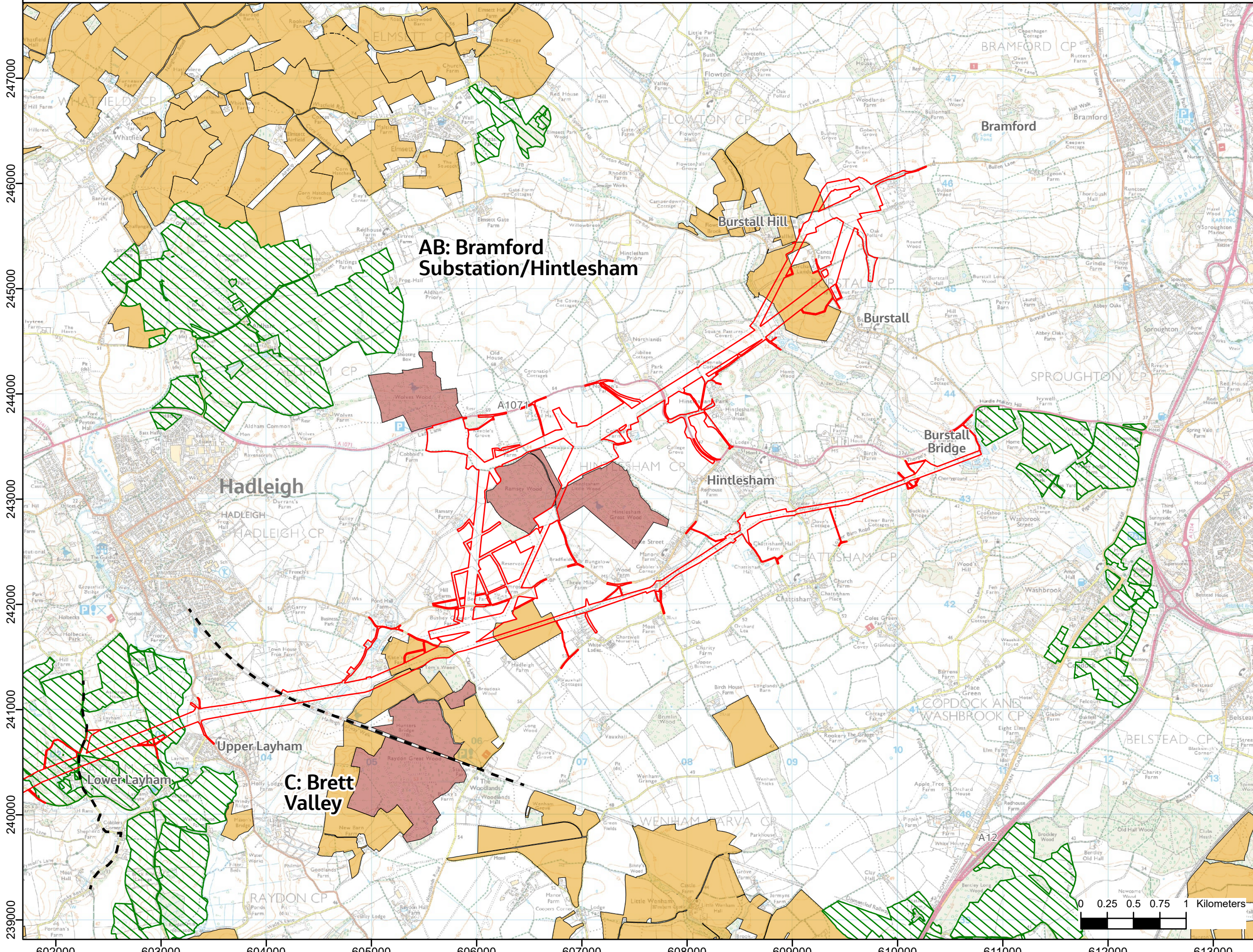
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Legend

- Section boundaries
- Order Limits

Environmental Stewardship Agreements

- Entry level plus higher level stewardship
- Higher level stewardship

Countryside Stewardship Agreement Management Areas

- Countryside Stewardship (Higher Tier)
- Countryside Stewardship (Mid Tier)



NG Investment No. ETX/01142

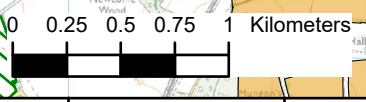
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PROJECT: **Bramford to Twinstead Reinforcement**



TITLE: **Figure 11.4 Agri-environment Schemes**

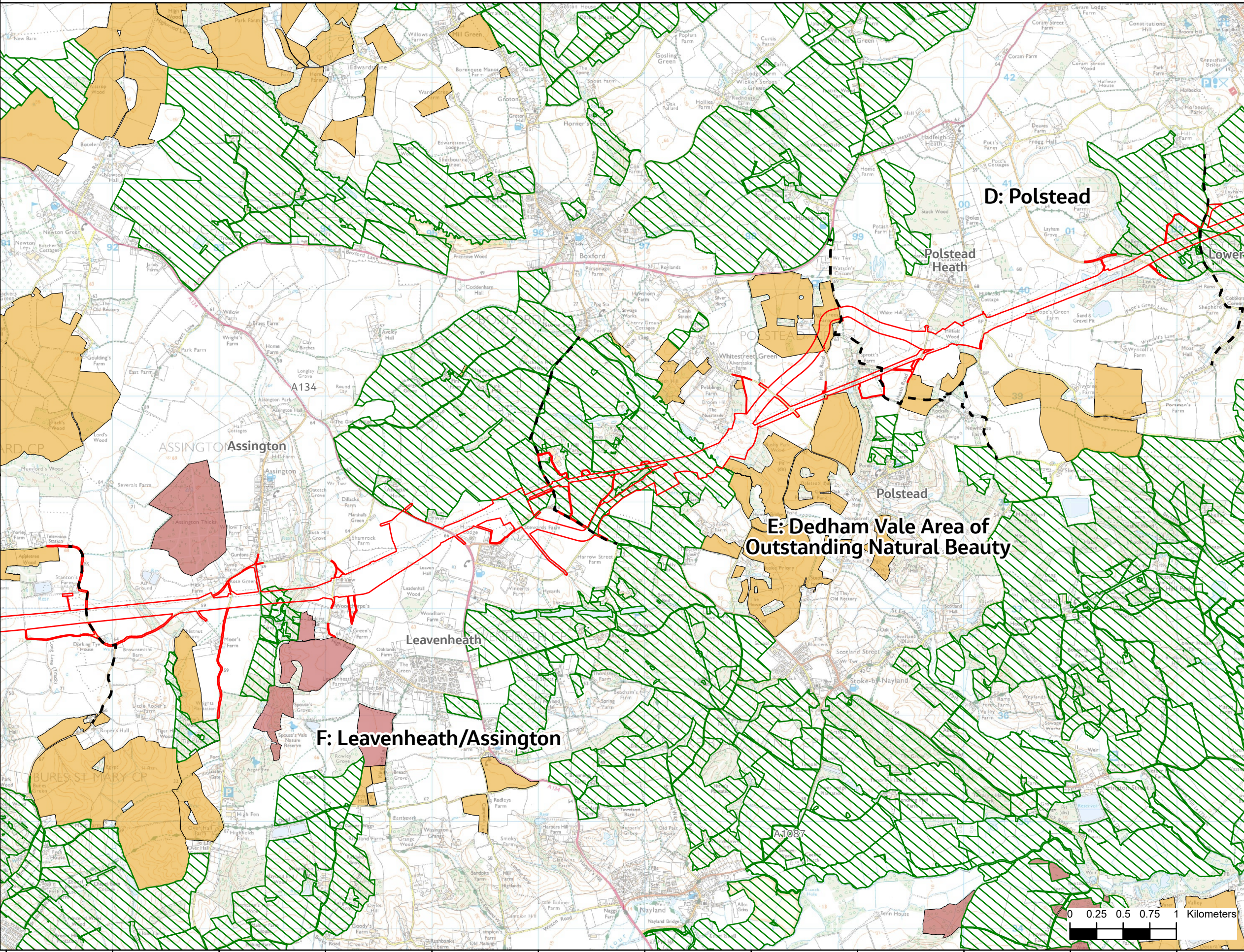
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- Legend**
- Section boundaries
 - Order Limits
 - Environmental Stewardship Agreements**
 - ▨ Entry level plus higher level stewardship
 - ▩ Higher level stewardship
 - Countryside Stewardship Agreement Management Areas**
 - Countryside Stewardship (Higher Tier)
 - Countryside Stewardship (Mid Tier)



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A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

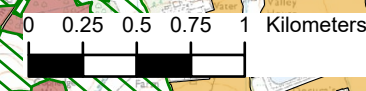


TITLE: Figure 11.4 Agri-environment Schemes

CIRCUIT / SITE : Bramford – Pelham & Bramford – Braintree – Bulls Lodge	GIS
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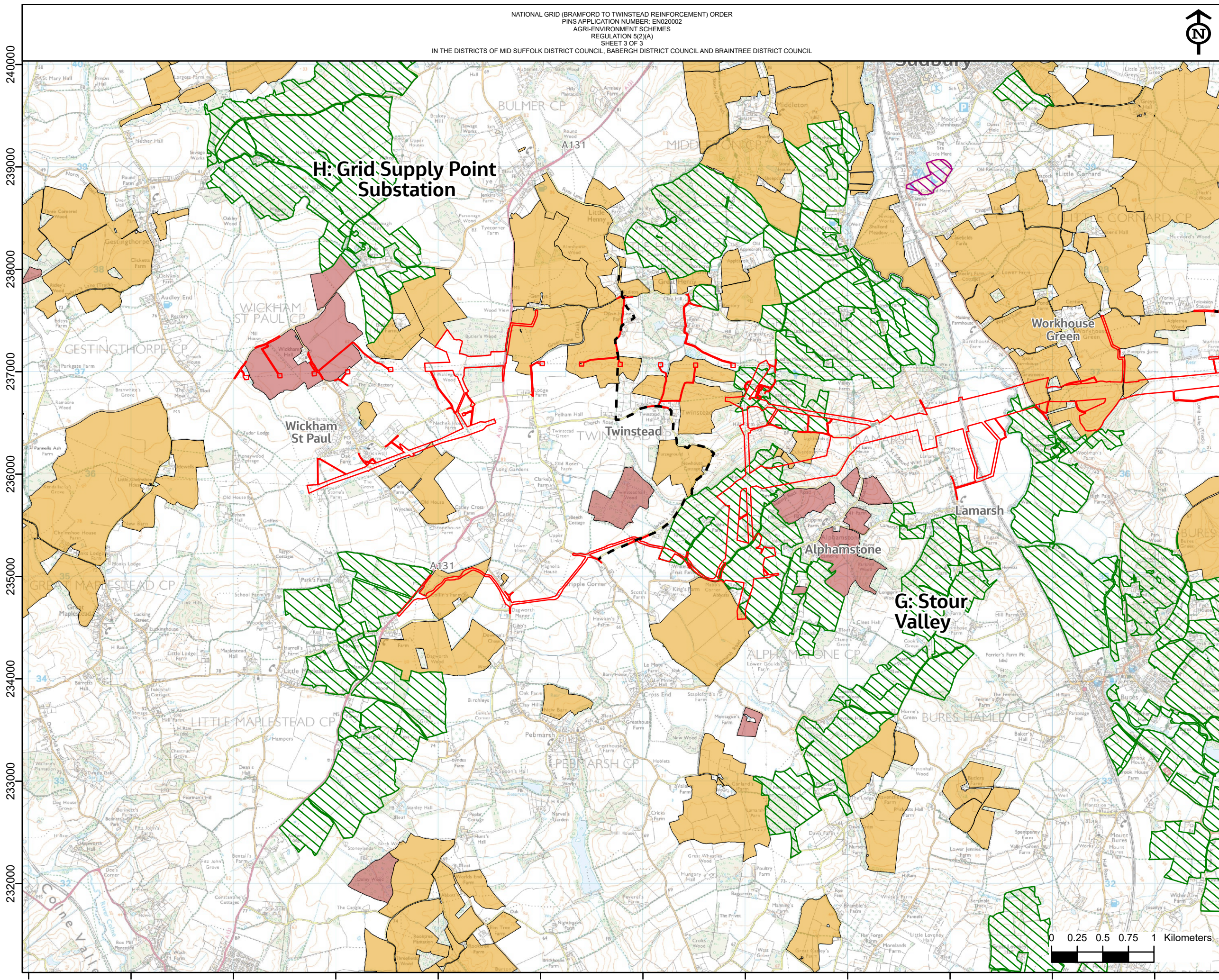
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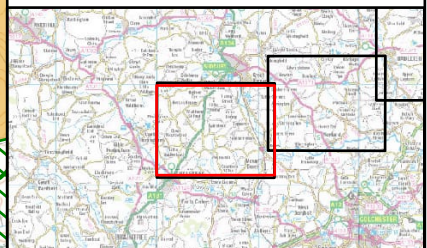




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- Legend**
- Section boundaries
 - Order Limits
 - Environmental Stewardship Agreements**
 - ▨ Entry level plus higher level stewardship
 - ▩ Higher level stewardship
 - Countryside Stewardship Agreement Management Areas**
 - Countryside Stewardship (Higher Tier)
 - Countryside Stewardship (Mid Tier)



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A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

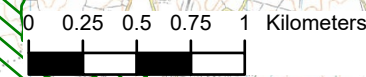
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TITLE: **Figure 11.4 Agri-environment Schemes**

CIRCUIT / SITE : **Bramford – Pelham & Bramford – Braitree – Bulls Lodge** **GIS**

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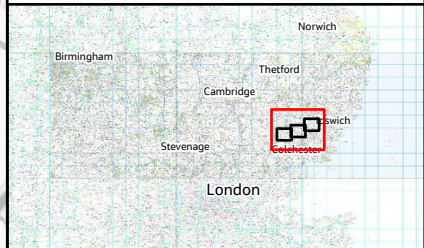
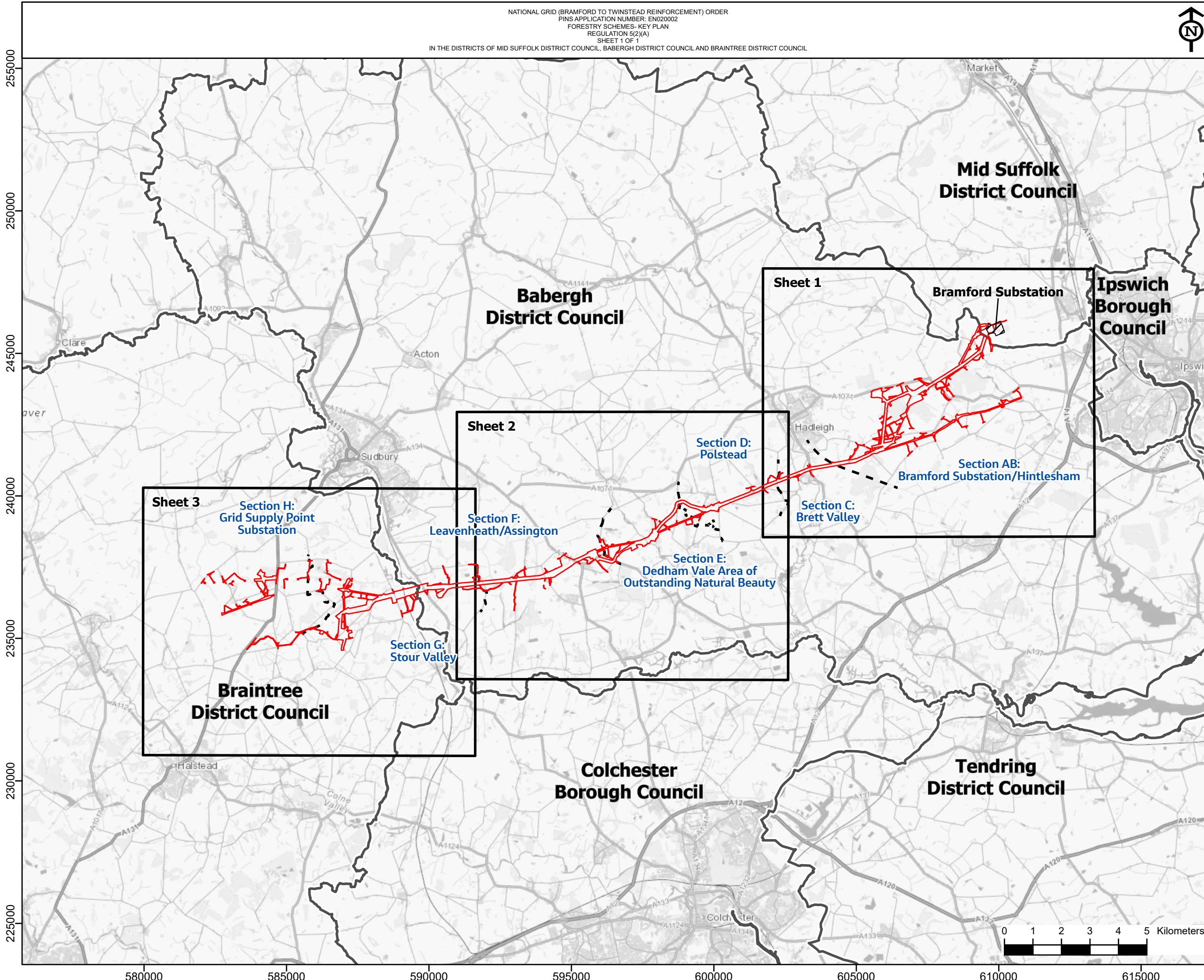
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Legend

- Order Limits
- Section boundaries
- Local authority districts
- Existing Bramford Substation



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ISSUE	DATE	REMARKS	DRWN	CHKD	APPD
A	02/2023	Rev A for DCO Application	GW	BL	CW

PROJECT: Bramford to Twinstead Reinforcement



TITLE: Figure 11.5
Forestry Schemes
- Key Plan

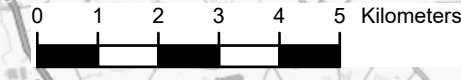
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– Braintree – Bulls Lodge

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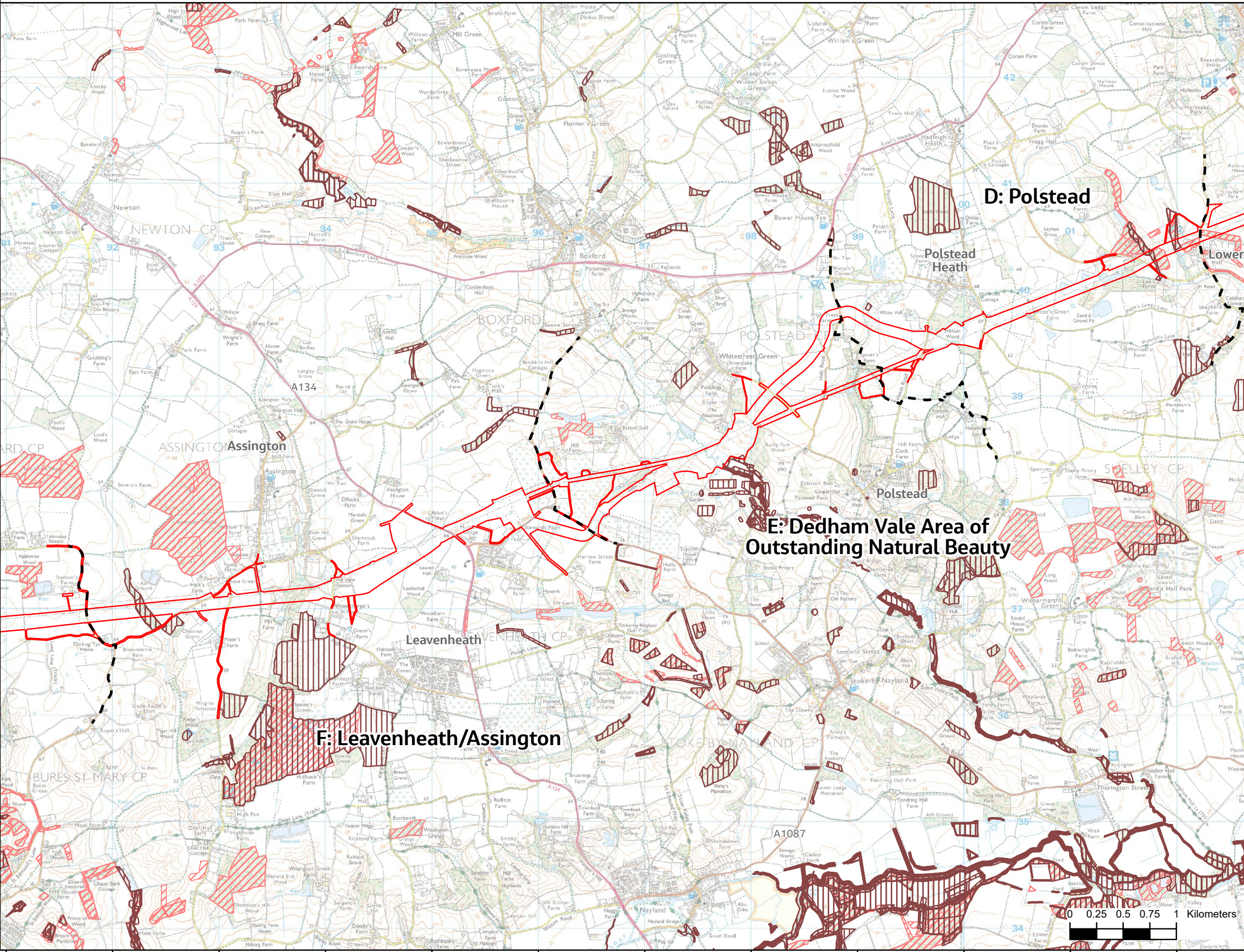
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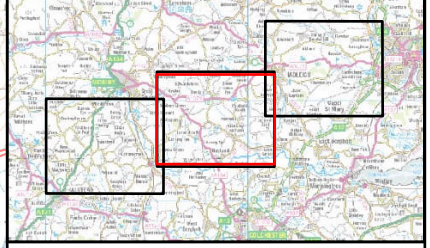


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- Legend**
- Section boundaries
 - Order Limits
 - ▨ Felling licence applications
 - ▧ Woodland grant schemes



NG Investment No. ETX/01142

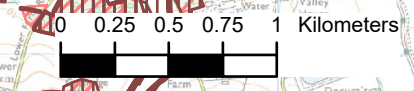
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ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement



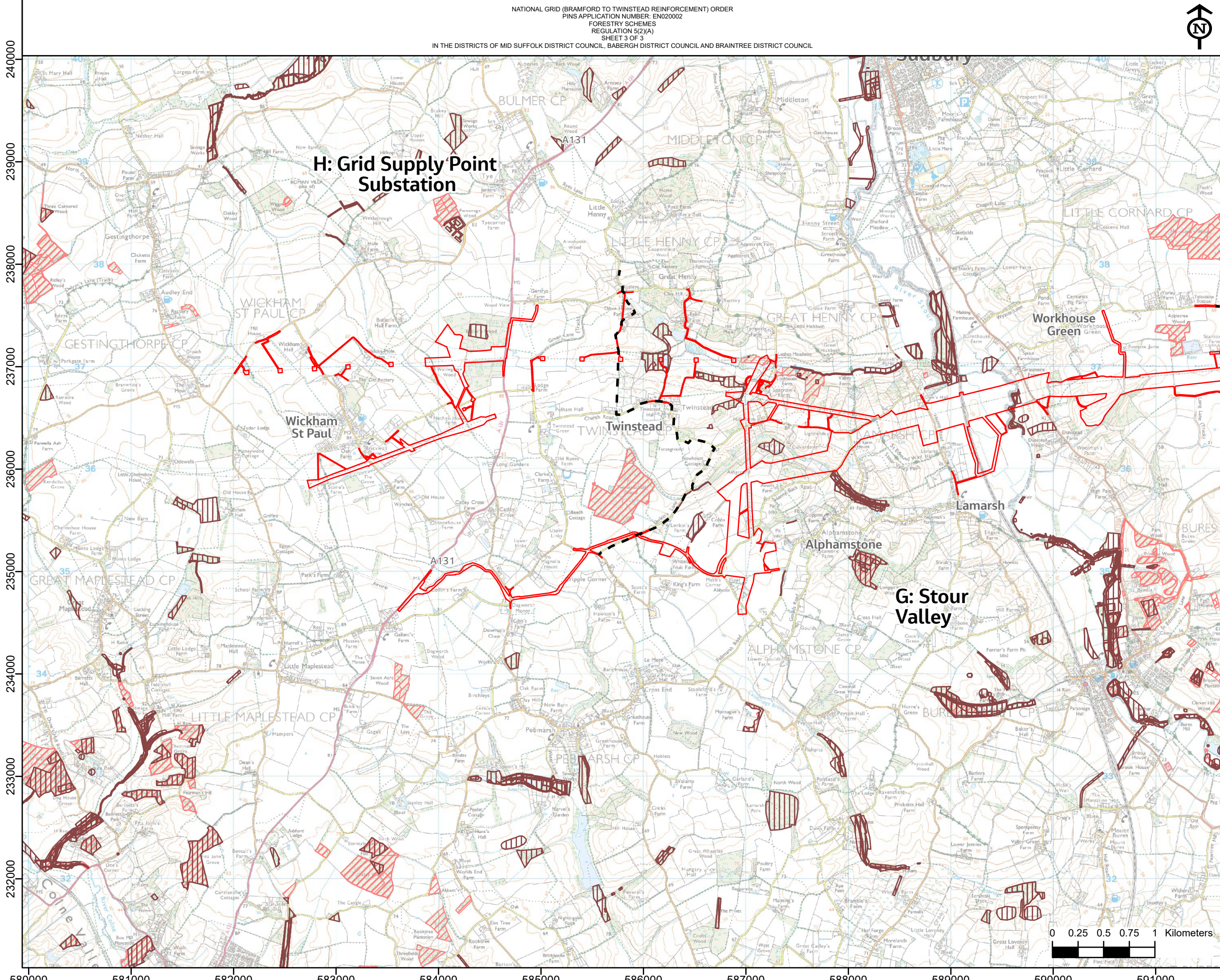
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Forestry Schemes

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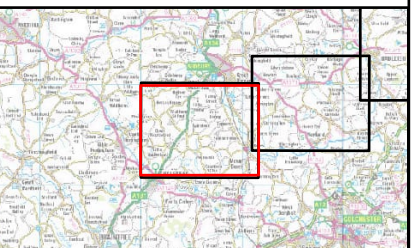




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- Legend**
- Section boundaries
 - Order Limits
 - Felling licence applications
 - Woodland grant schemes



NG Investment No. ETX/01142

A	02/2023	Rev A for DCO Application	GW	BL	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

nationalgrid

TITLE: Figure 11.5 Forestry Schemes

CIRCUIT / SITE : Bramford – Pelham & Bramford – Braintree – Bulls Lodge **GIS**

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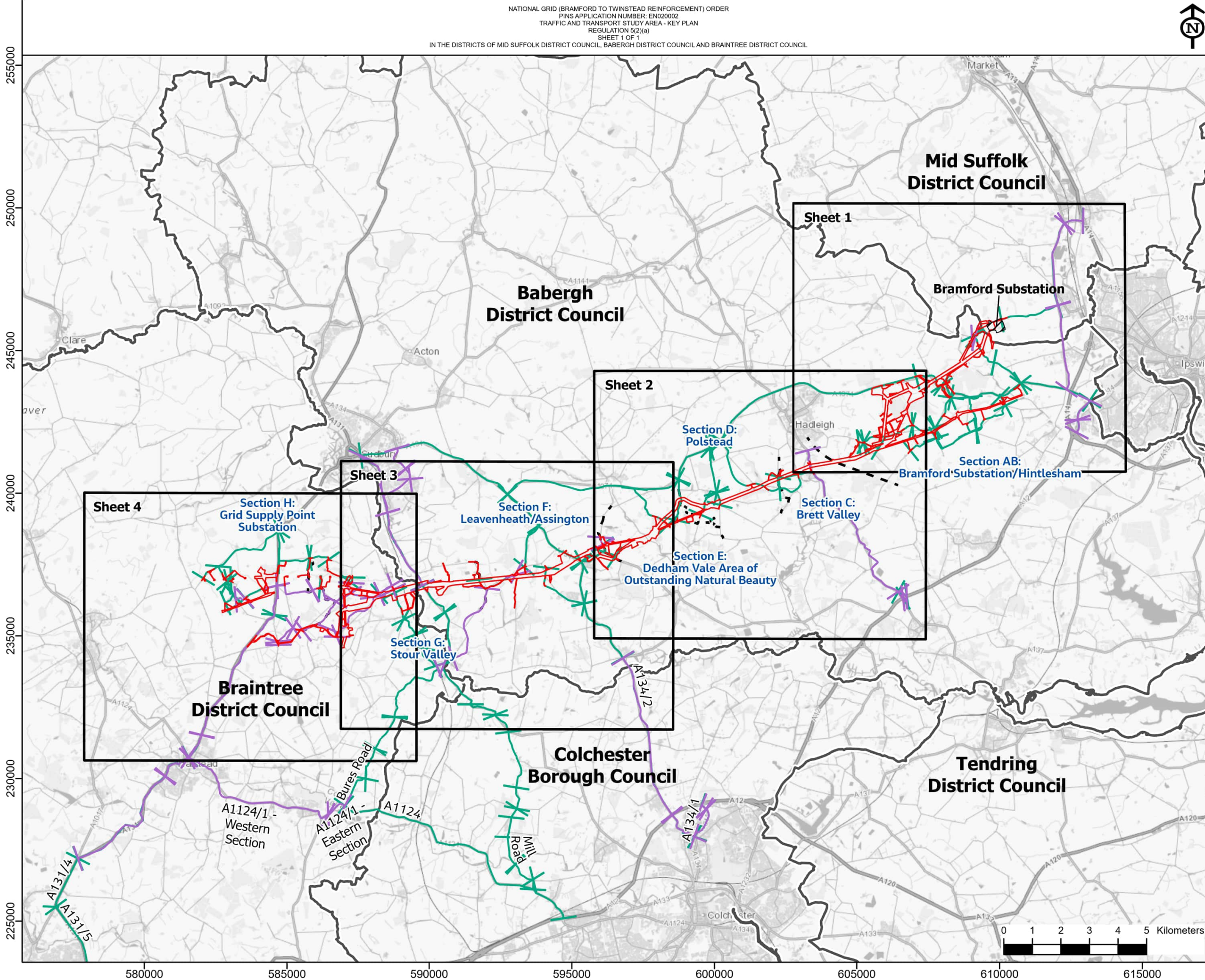
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- Legend**
- Section Boundaries
 - Order Limits
 - ▭ Local authority districts
 - ▨ Existing Bramford Substation
 - ↔ Construction routes to the Strategic Road Network
 - ↔ Extensions to cover staff commuting



NG Investment No. ETX/01142

A	04/2023	Rev A for DCO Application	GW	FA	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement



TITLE: Figure 12.1
 Traffic and Transport Study Area - Key Plan

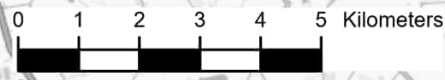
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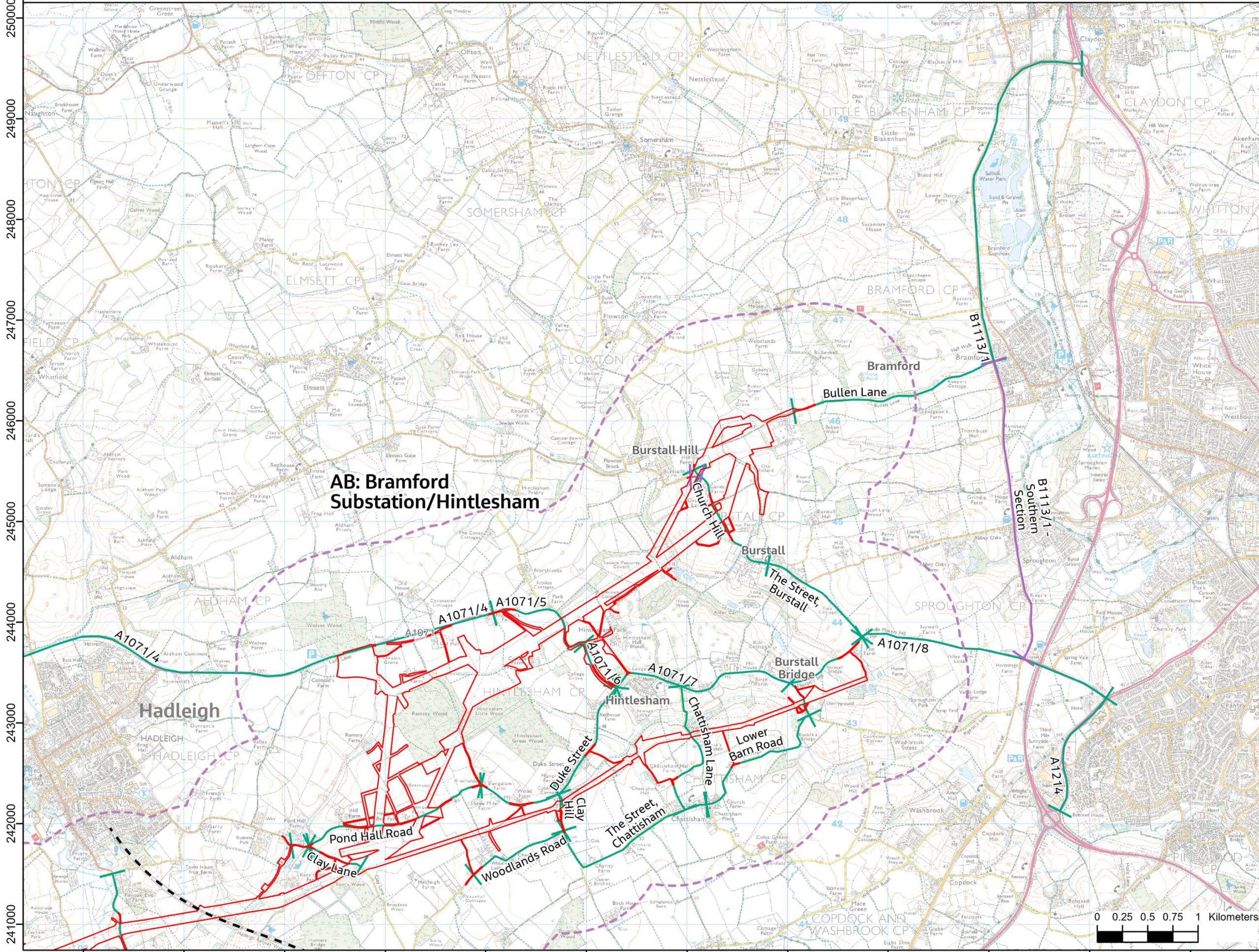
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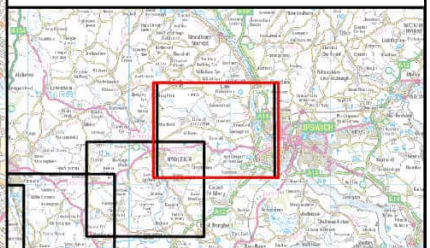


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AB: Bramford Substation/Hintlesham

- Section boundaries
- Order Limits
- Study area (1km)
- Construction routes to the Strategic Road Network
- Extensions to cover staff commuting



NG Investment No. ETX/01142

A	04/2023	Rev A for DCO Application	GW	FA	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead Reinforcement**

nationalgrid

TITLE: **Figure 12.1
Traffic and Transport Study Area**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braintree – Bulls Lodge** **GIS**

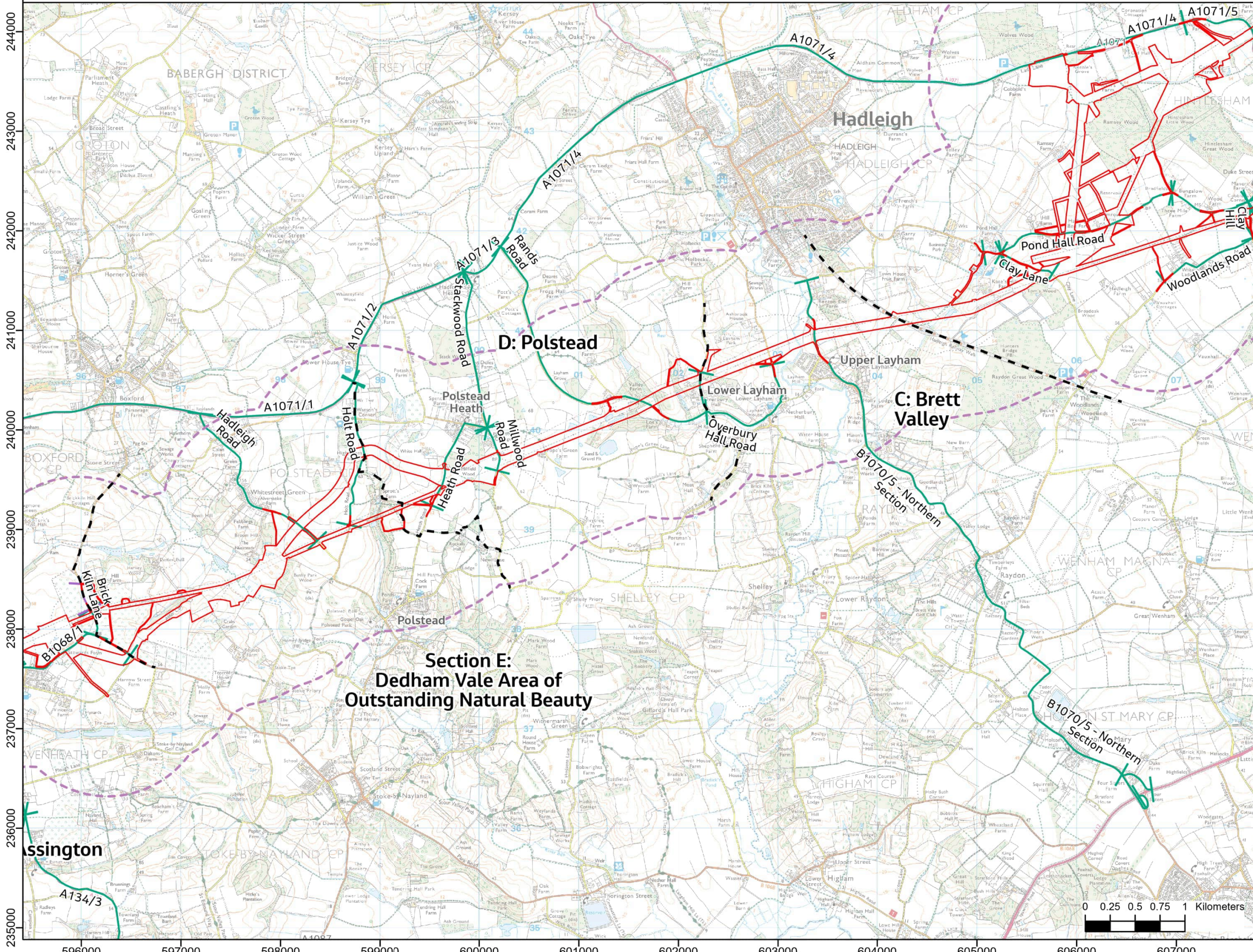
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NG DRAWING No. BT-JAC-020631-500-0111	SHEET NO. 1	NO. OF SHEETS 4	ISSUE: A
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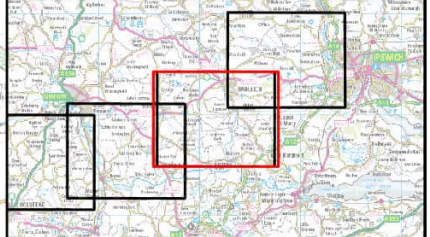
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- Section boundaries
- Order Limits
- Study area (1km)
- Construction routes to the Strategic Road Network
- Extensions to cover staff commuting



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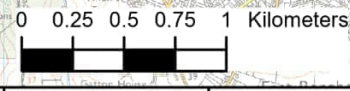
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 Traffic and Transport Study Area

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Braitree – Bulls Lodge

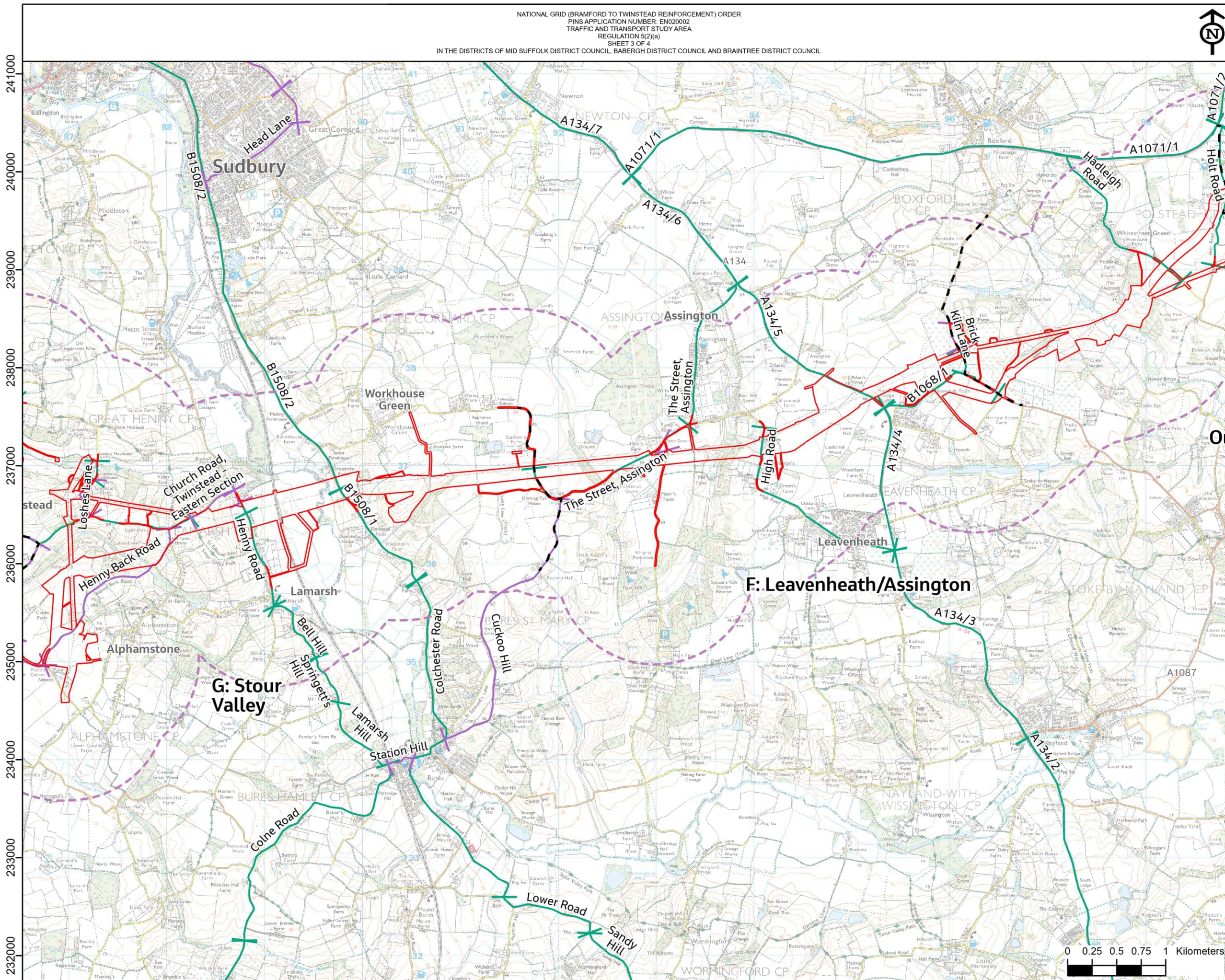
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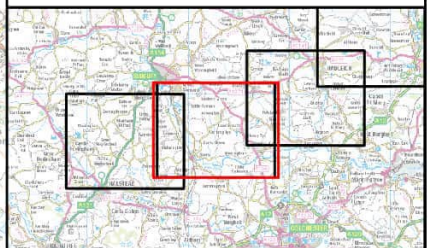
SHEET NO. 2
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PROJECT: Bramford to Twinstead Reinforcement

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TITLE: Figure 12.1
 Traffic and Transport Study Area

CIRCUIT / SITE :
 Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge

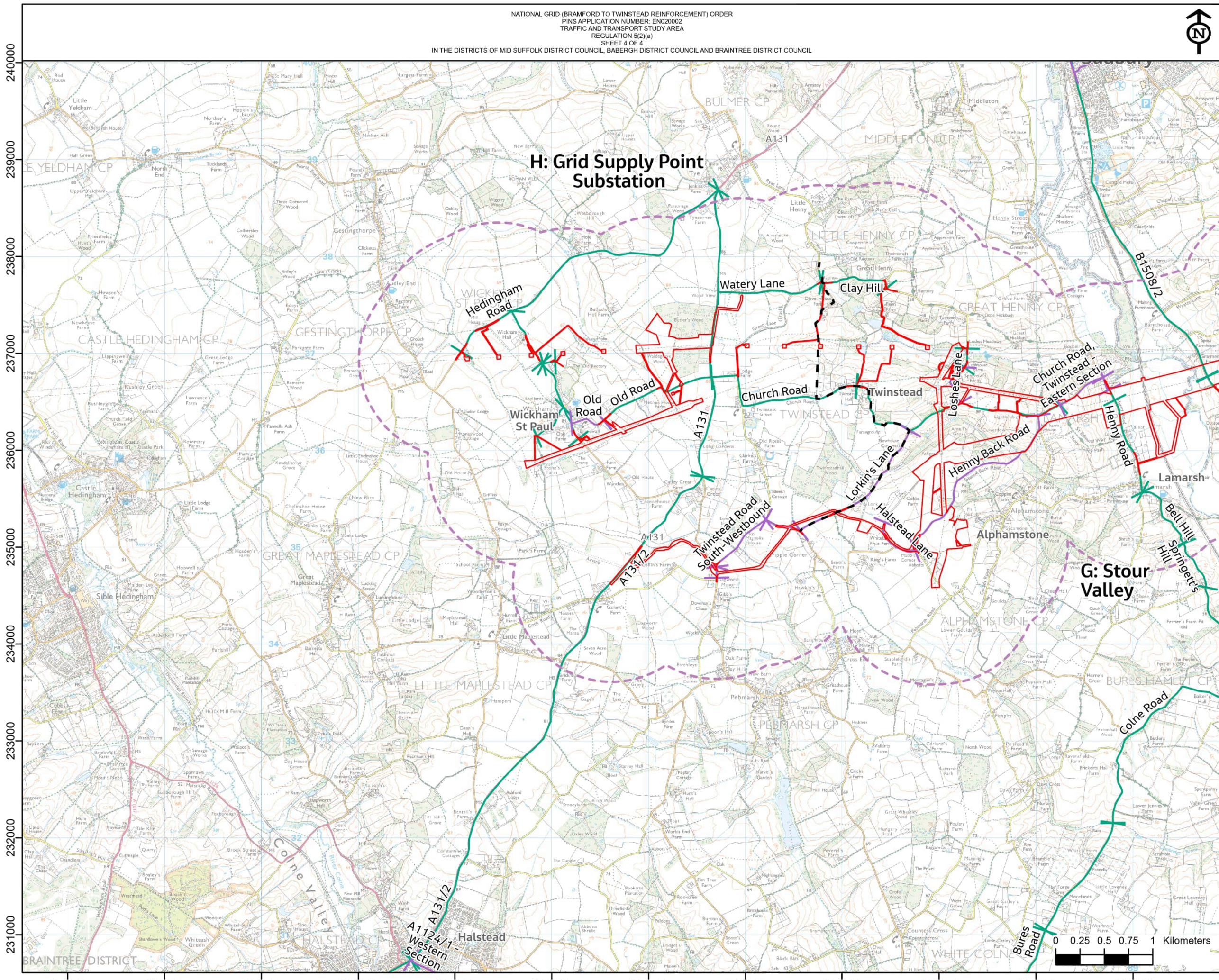
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NG DRAWING No. BT-JAC-020631-500-0111	SHEET NO. 3	NO. OF SHEETS 4	ISSUE: A
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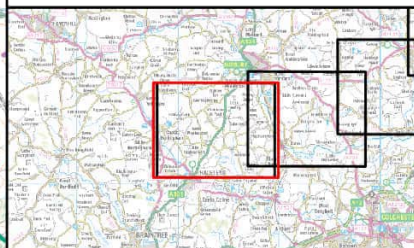
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TITLE: Figure 12.1
 Traffic and Transport Study Area

CIRCUIT / SITE :
 Bramford – Pelham & Bramford – Braitree – Bulls Lodge

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