

# The Great Grid Upgrade

Grimsby to Walpole

# Grimsby to Walpole

Volume 3 - EIA Scoping Report Figures - Low  
Resolution Part C Figures 11.1 to 14.2

EN020036

Document Reference: GWNC-ARUP-ENV-REP-0003 - August 2024



# **EIA Scoping Report Figures Low Resolution Part C Contents**

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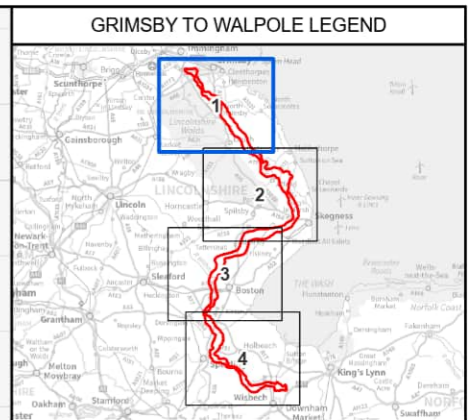
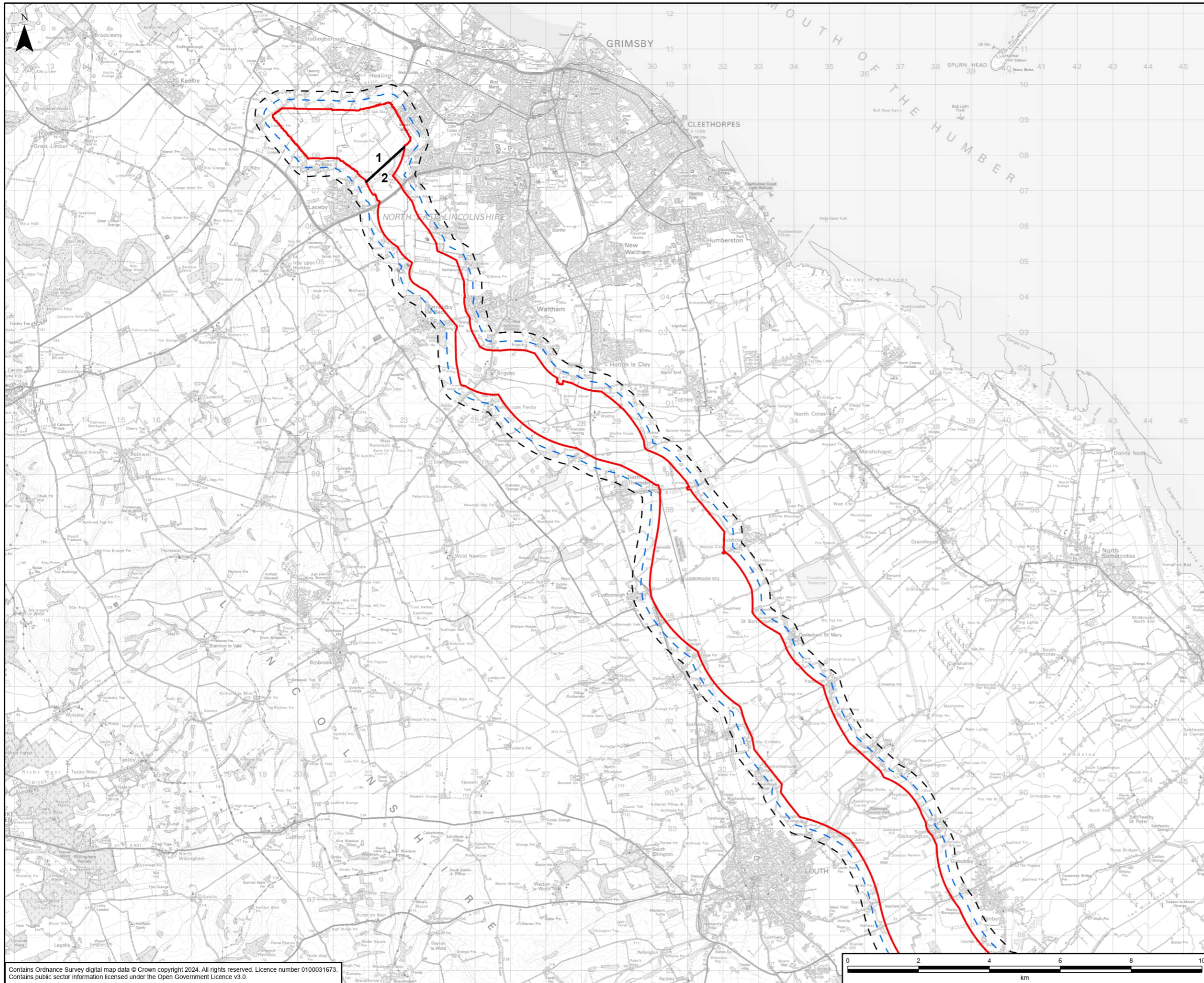
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# Figures 11.1 to 11.3





- Legend**
- Scoping Boundary
  - Route Section Break
  - - - 250m Study Area
  - - - 500m Study Area

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**nationalgrid**

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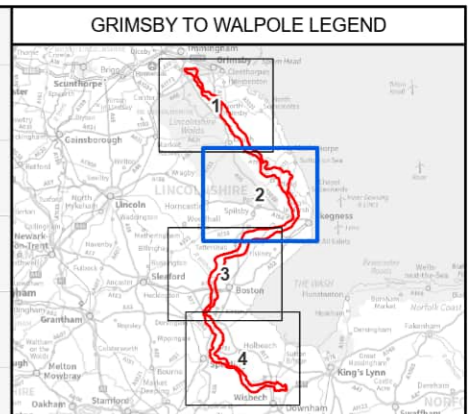
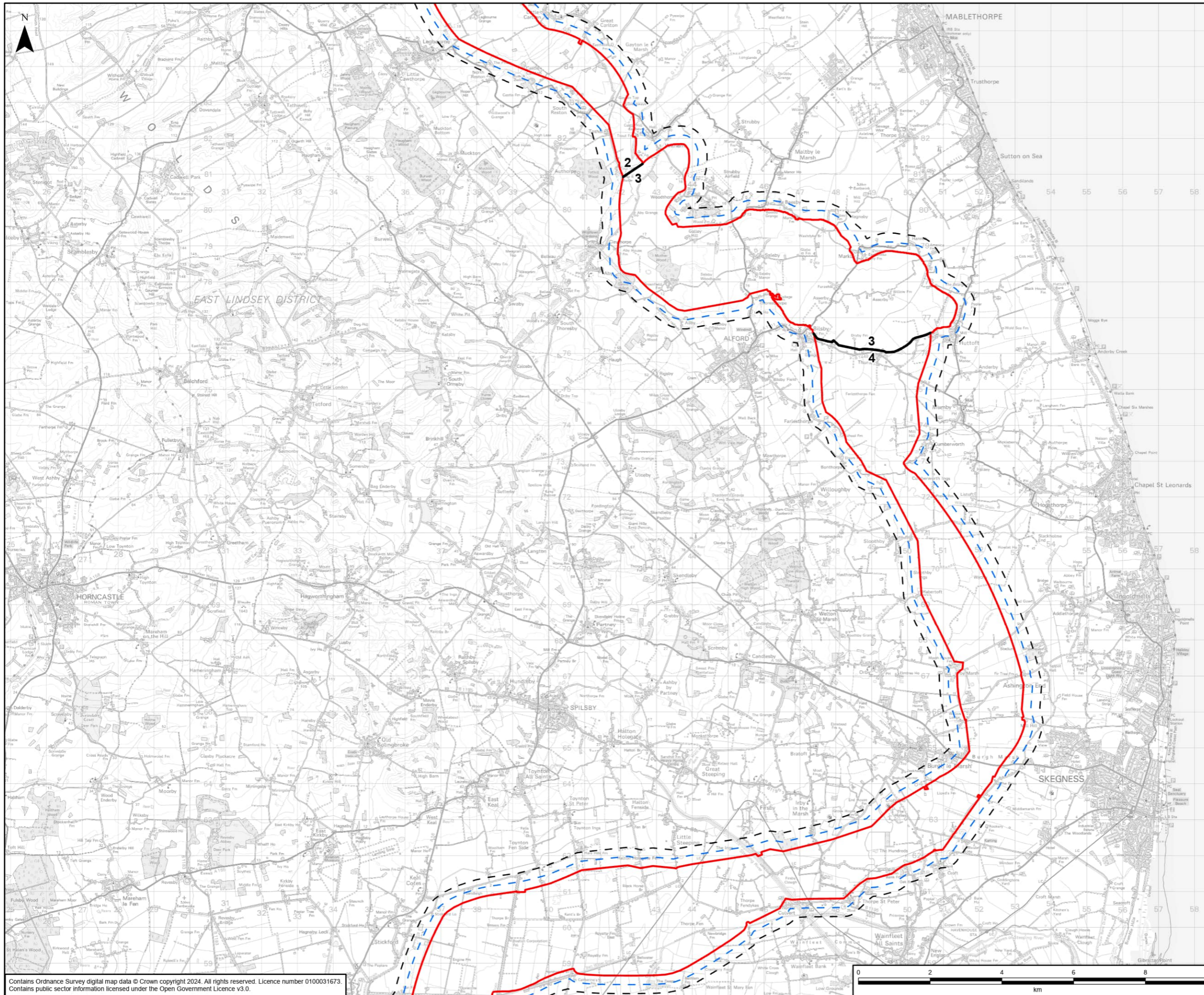
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Document Title: FIGURE 11.1  
GEOLOGY & HYDROGEOLOGY  
STUDY AREA LOCATION PLAN

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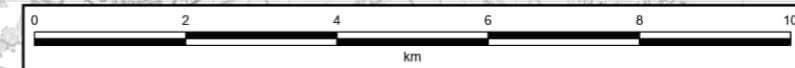
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- Scoping Boundary
- Route Section Break
- - - 250m Study Area
- - - 500m Study Area

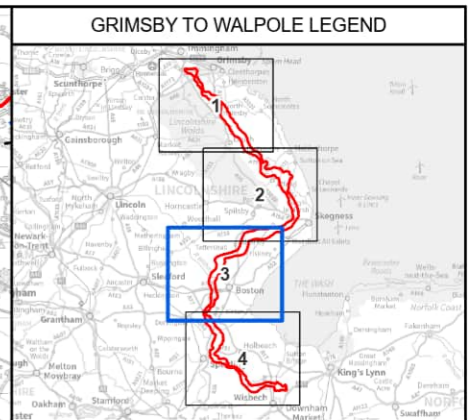
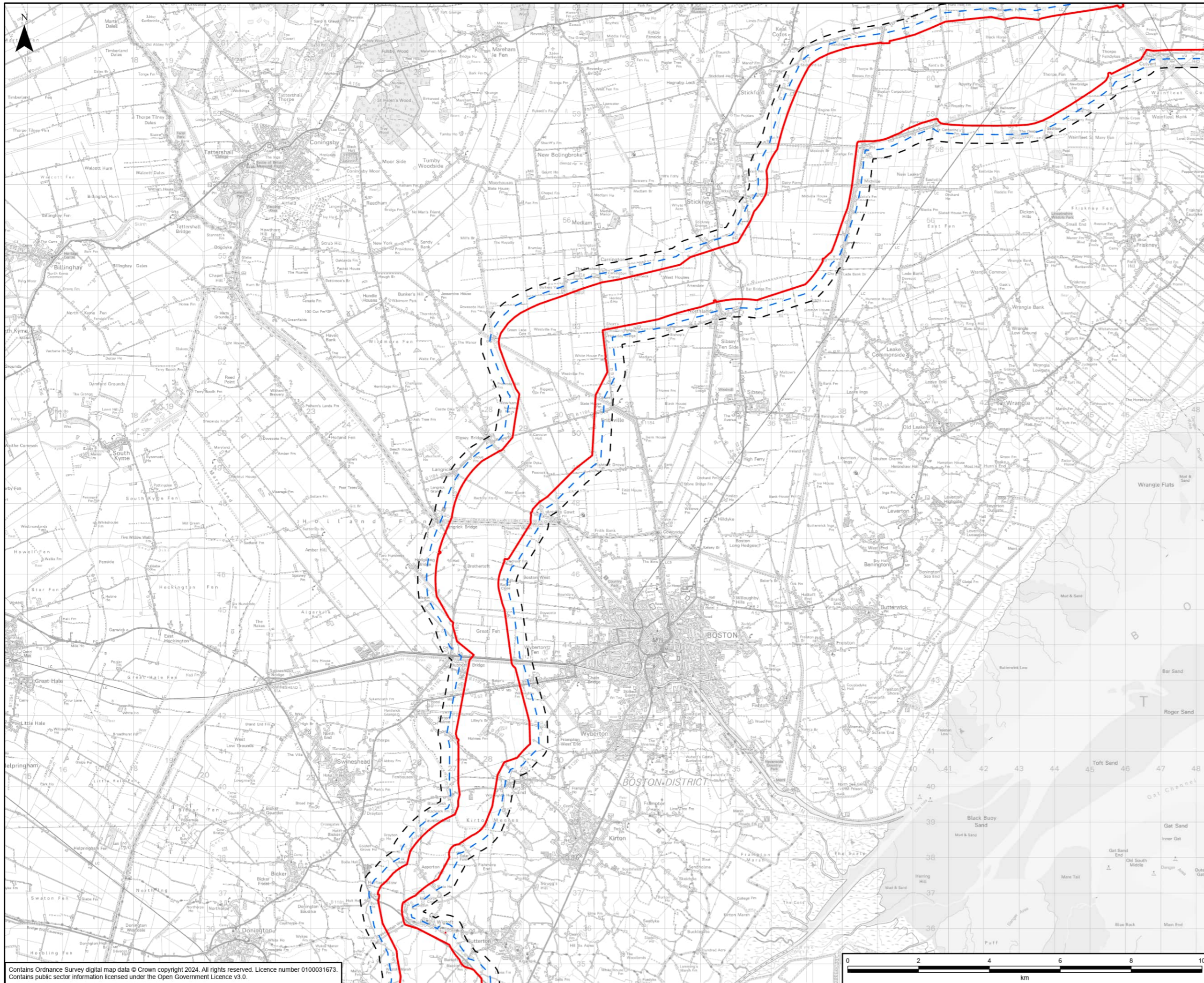
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Creator: LC	Date: 01/07/2024	Checker: SG	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
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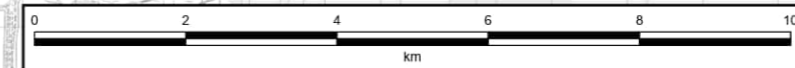




**GRIMSBY TO WALPOLE LEGEND**

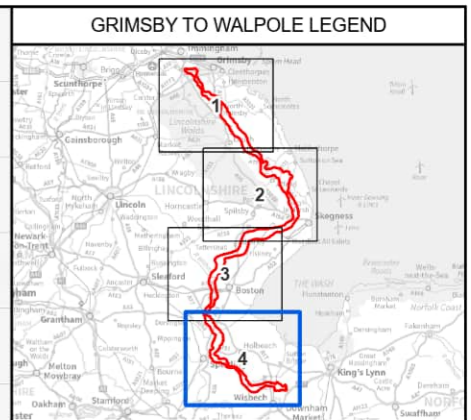
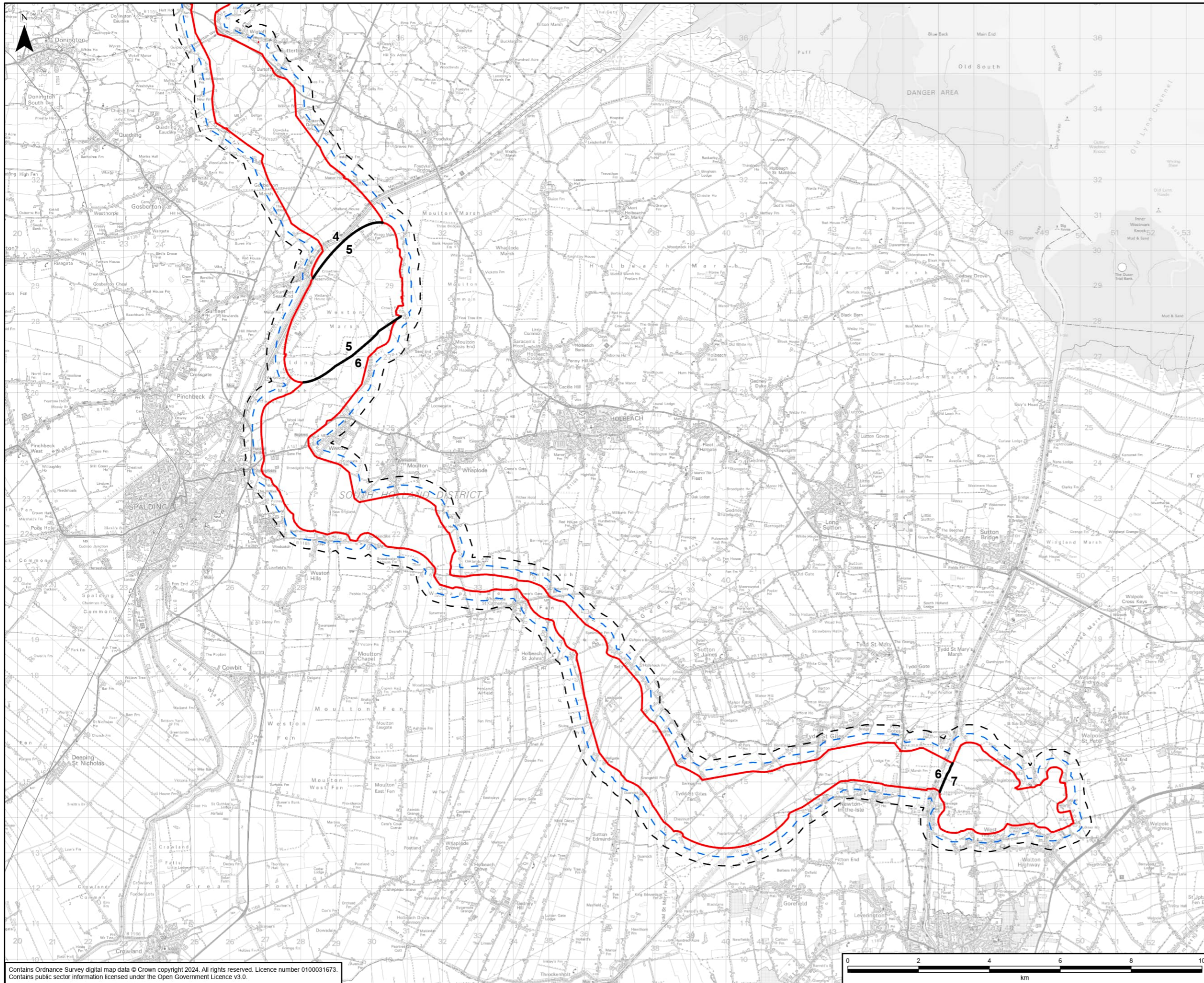
	Scoping Boundary
	250m Study Area
	500m Study Area

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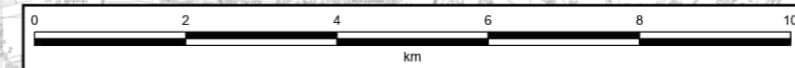
**Legend**

- Scoping Boundary
- Route Section Break
- - - 250m Study Area
- - - 500m Study Area

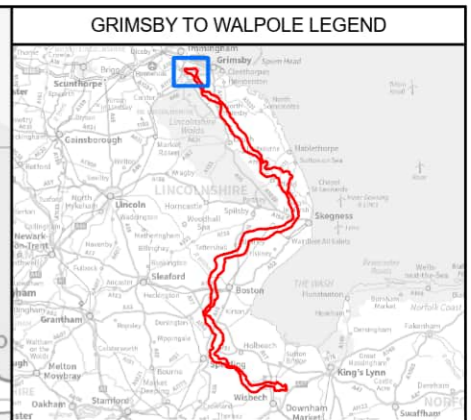
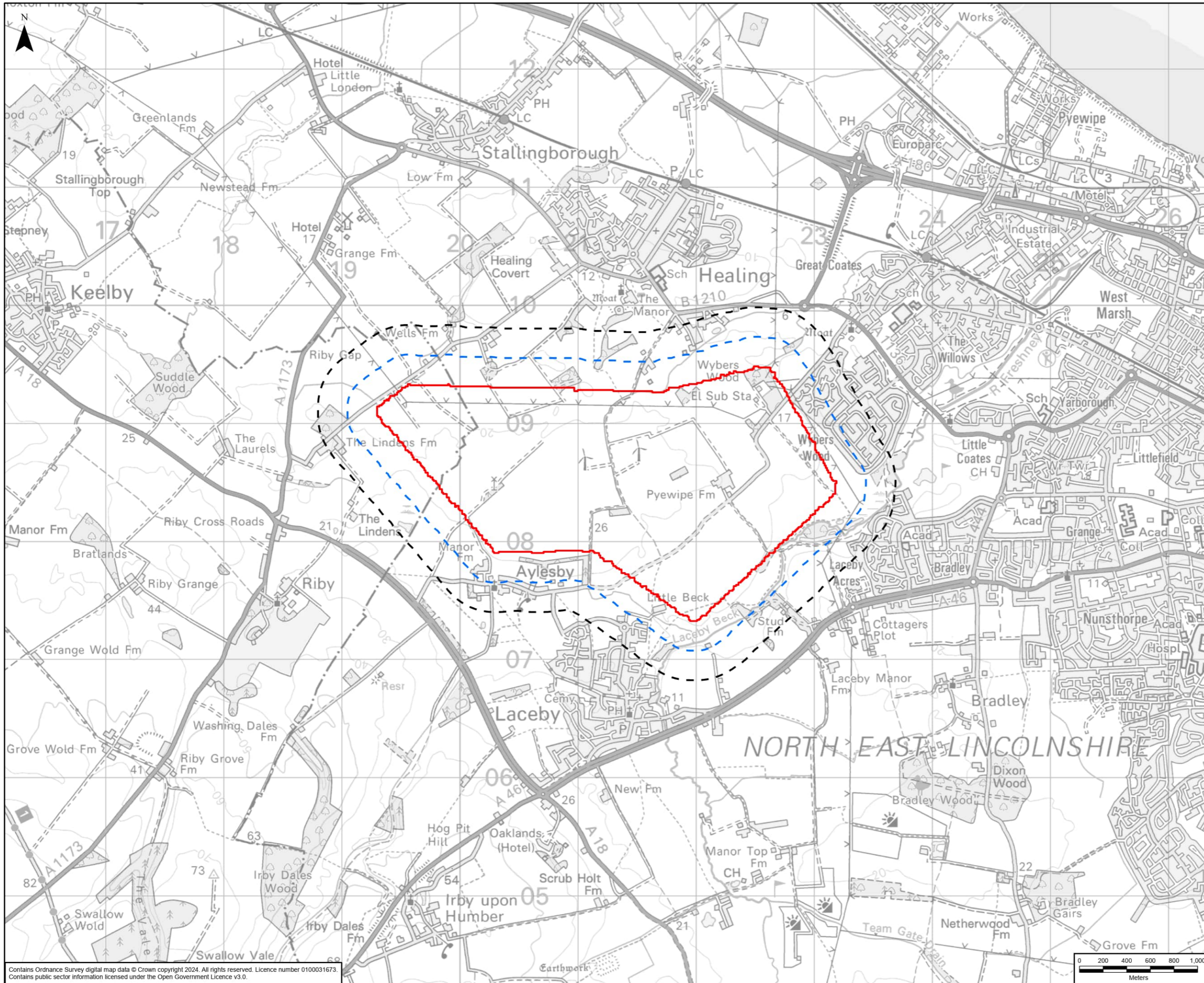
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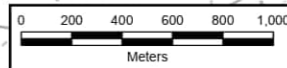




**Legend**

- Substation Siting Zone
- - - 250m Study Area
- - - 500m Study Area

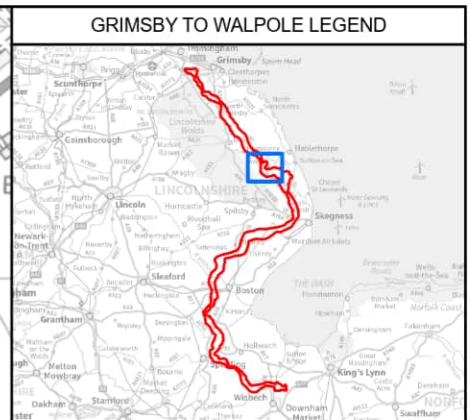
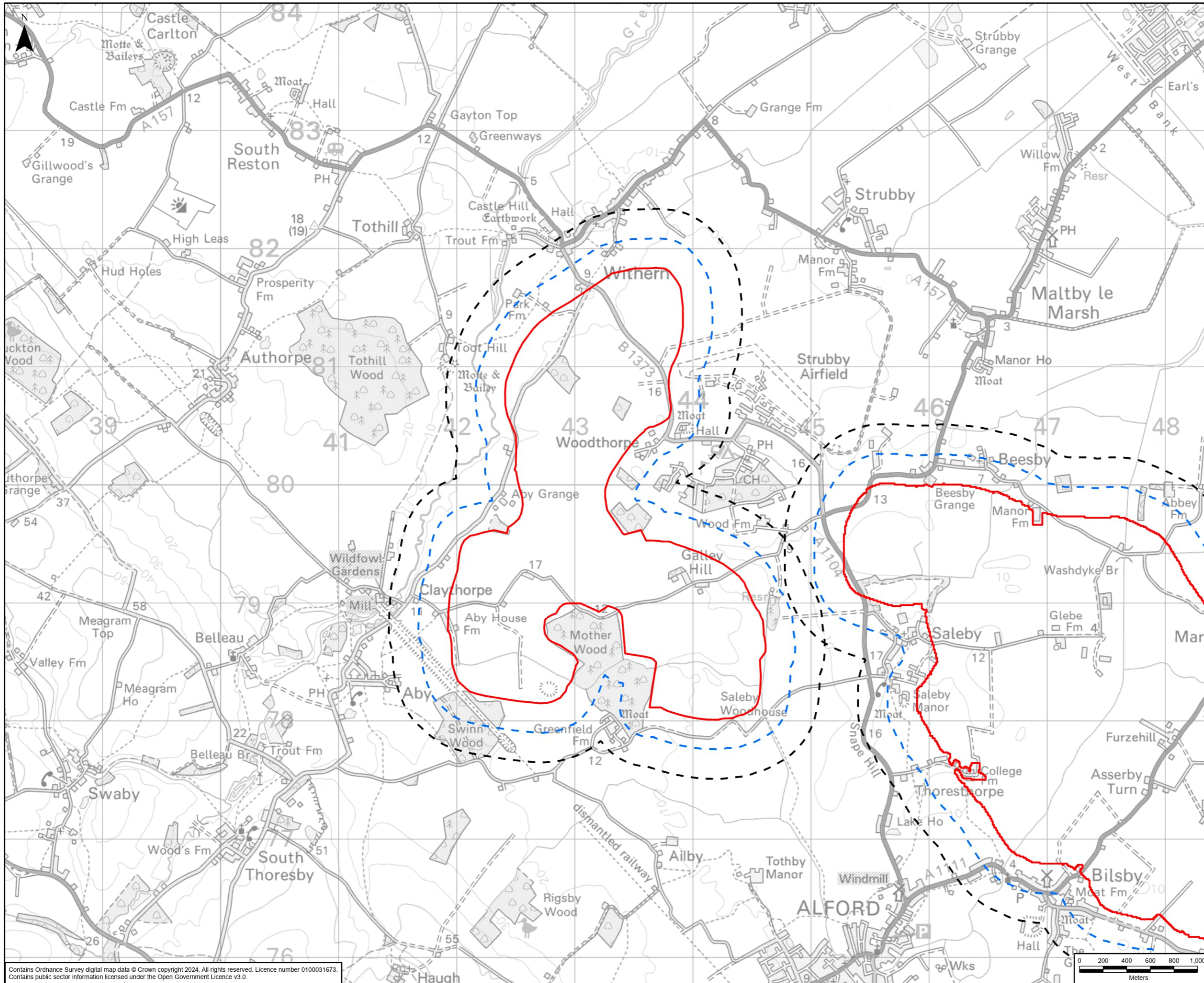
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**GRIMSBY TO WALPOLE LEGEND**

Legend

- Substation Siting Zone
- 250m Study Area
- 500m Study Area

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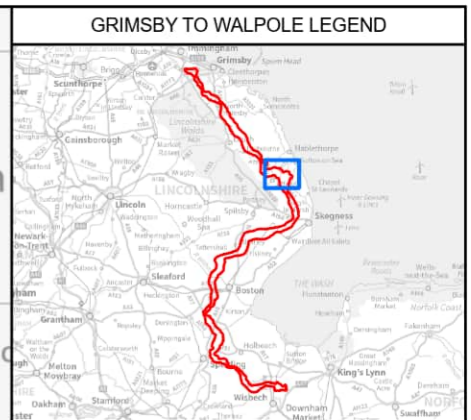
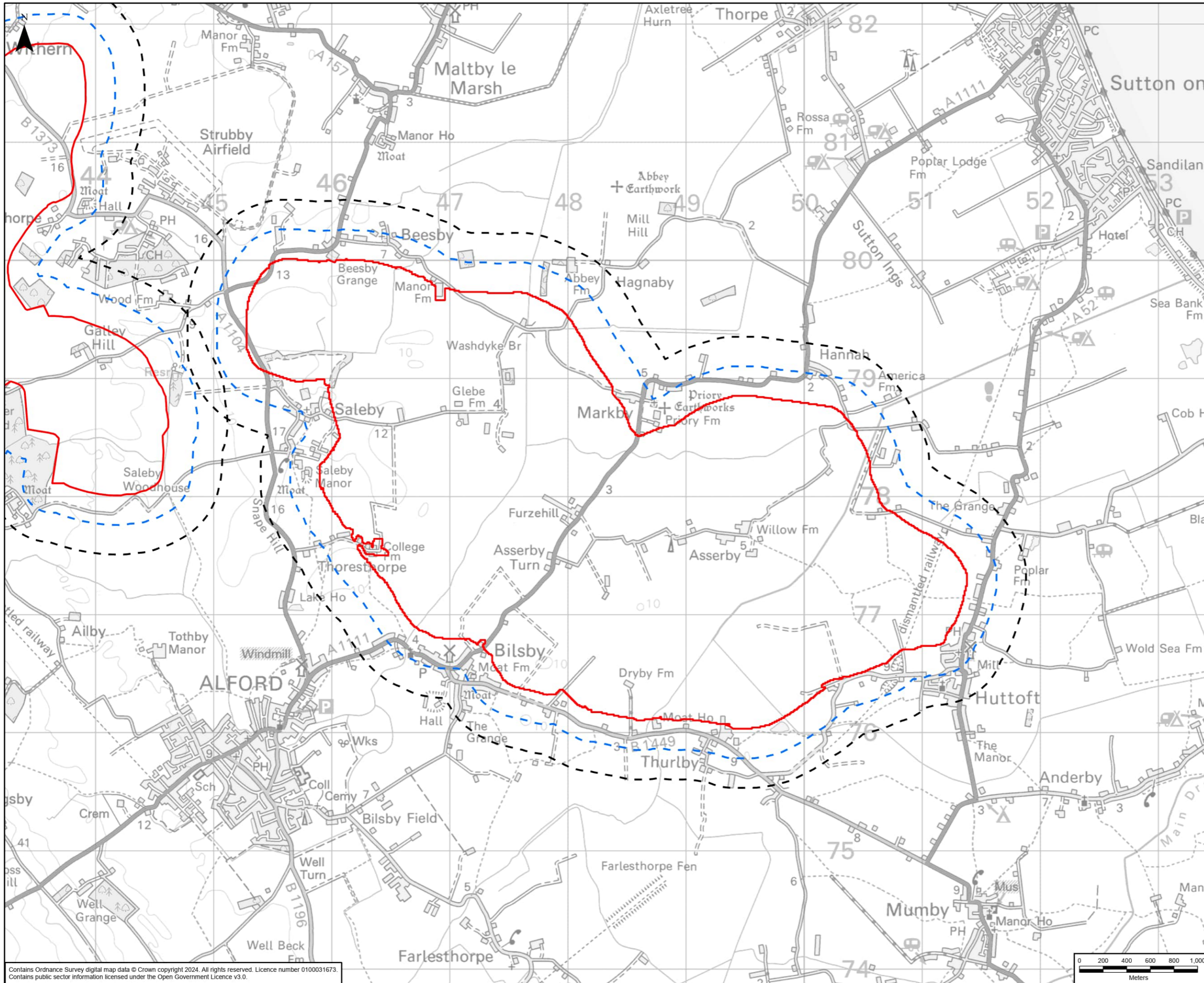
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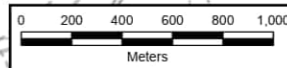
**Legend**

- Substation Siting Zone
- - - 250m Study Area
- - - 500m Study Area

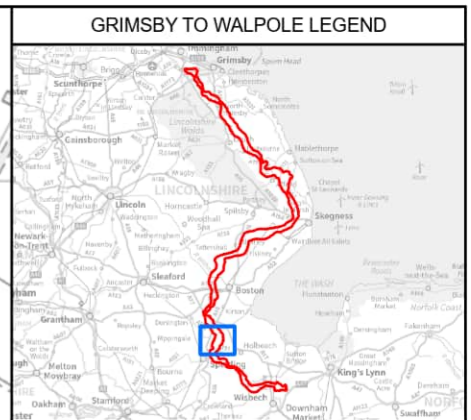
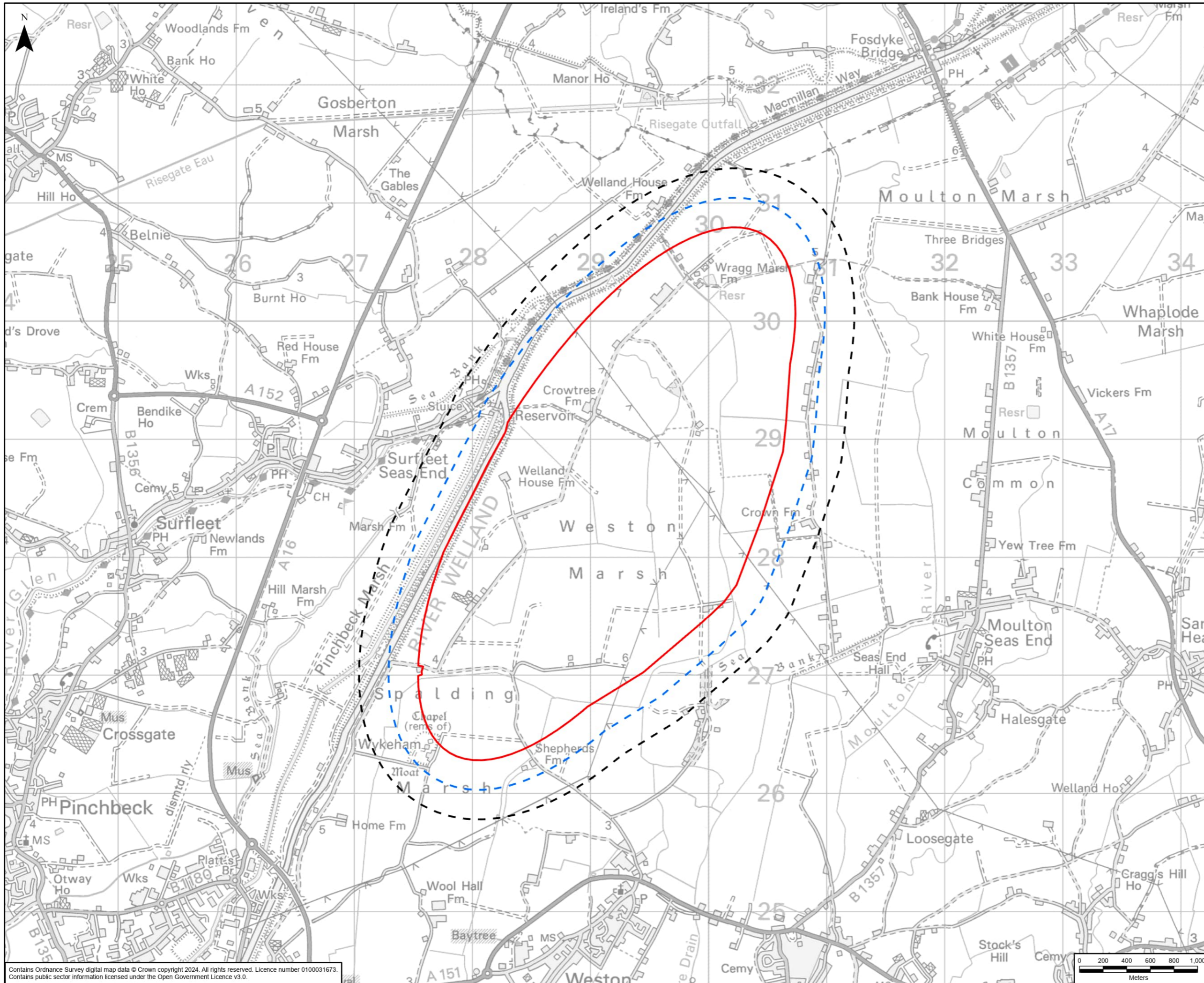
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**Legend**

- Substation Siting Zone
- - - 250m Study Area
- - - 500m Study Area

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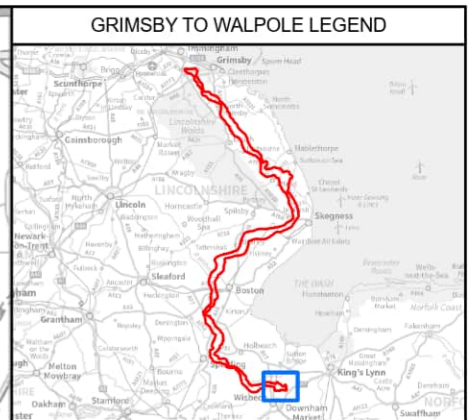
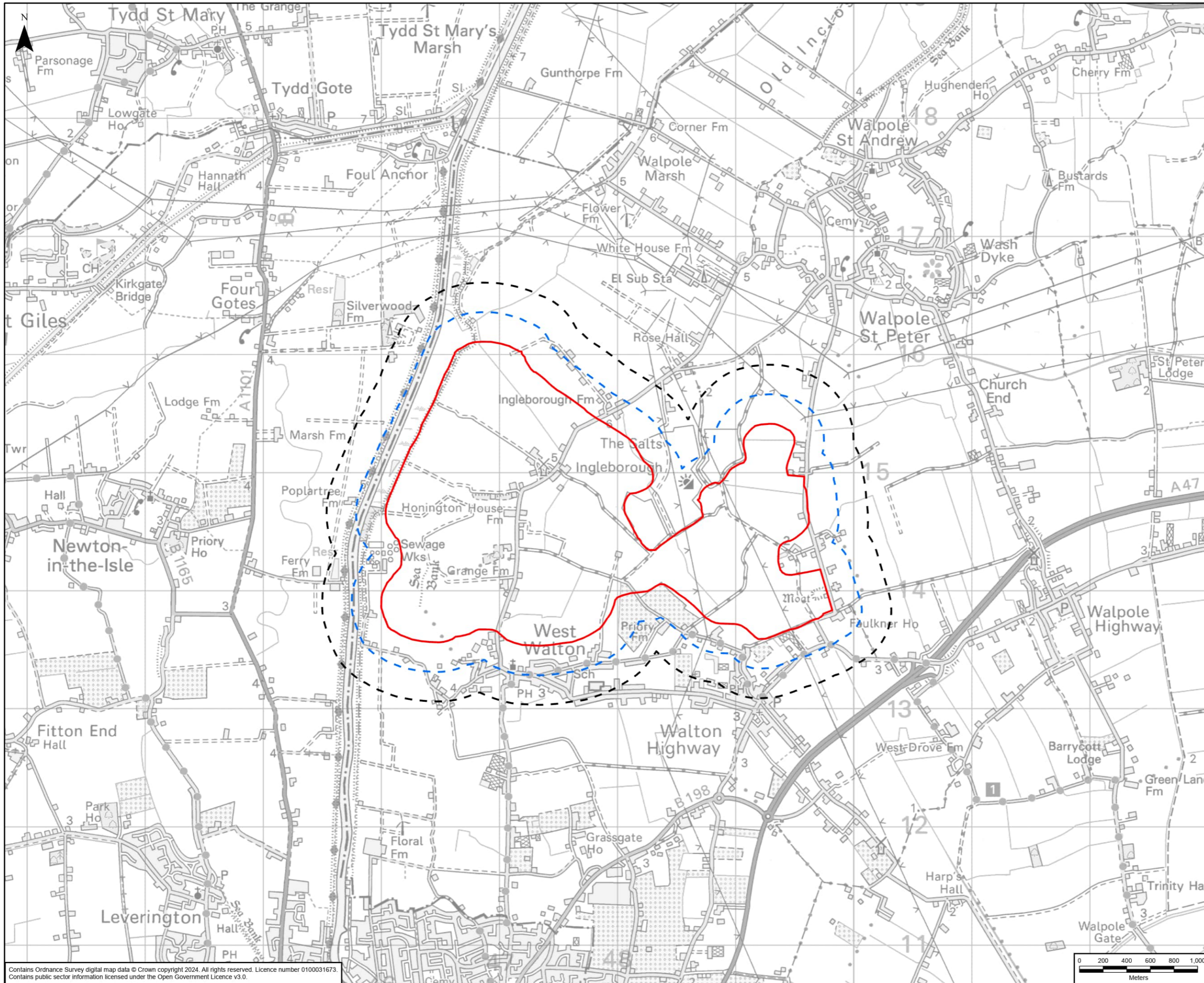
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**Legend**

- Substation Siting Zone
- - - 250m Study Area
- - - 500m Study Area

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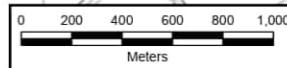
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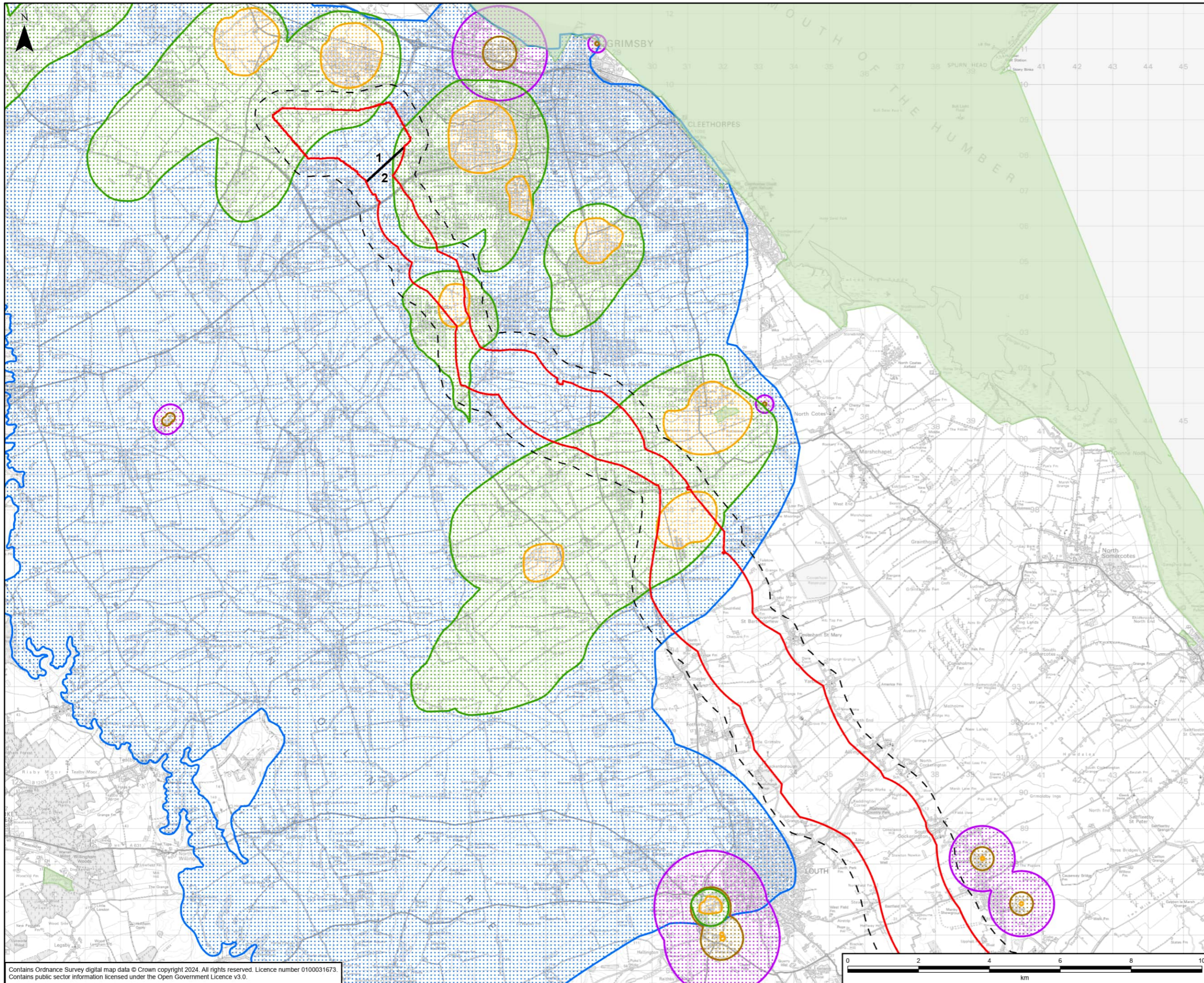
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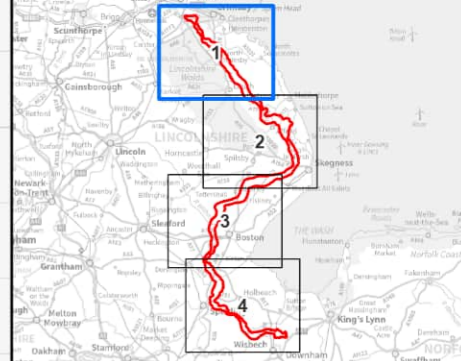


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GRIMSBY TO WALPOLE LEGEND



- Legend**
- Scoping Boundary
  - Route Section Break
  - 500m Study Area
  - Groundwater Dependent Terrestrial Ecosystem
- Source Protection Zone**
- Zone 1
  - Zone 1c
  - Zone 2
  - Zone 2c
  - Zone 3

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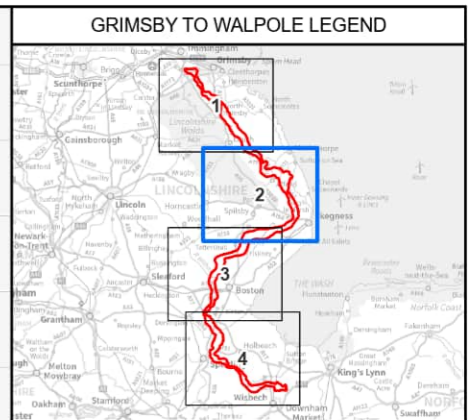
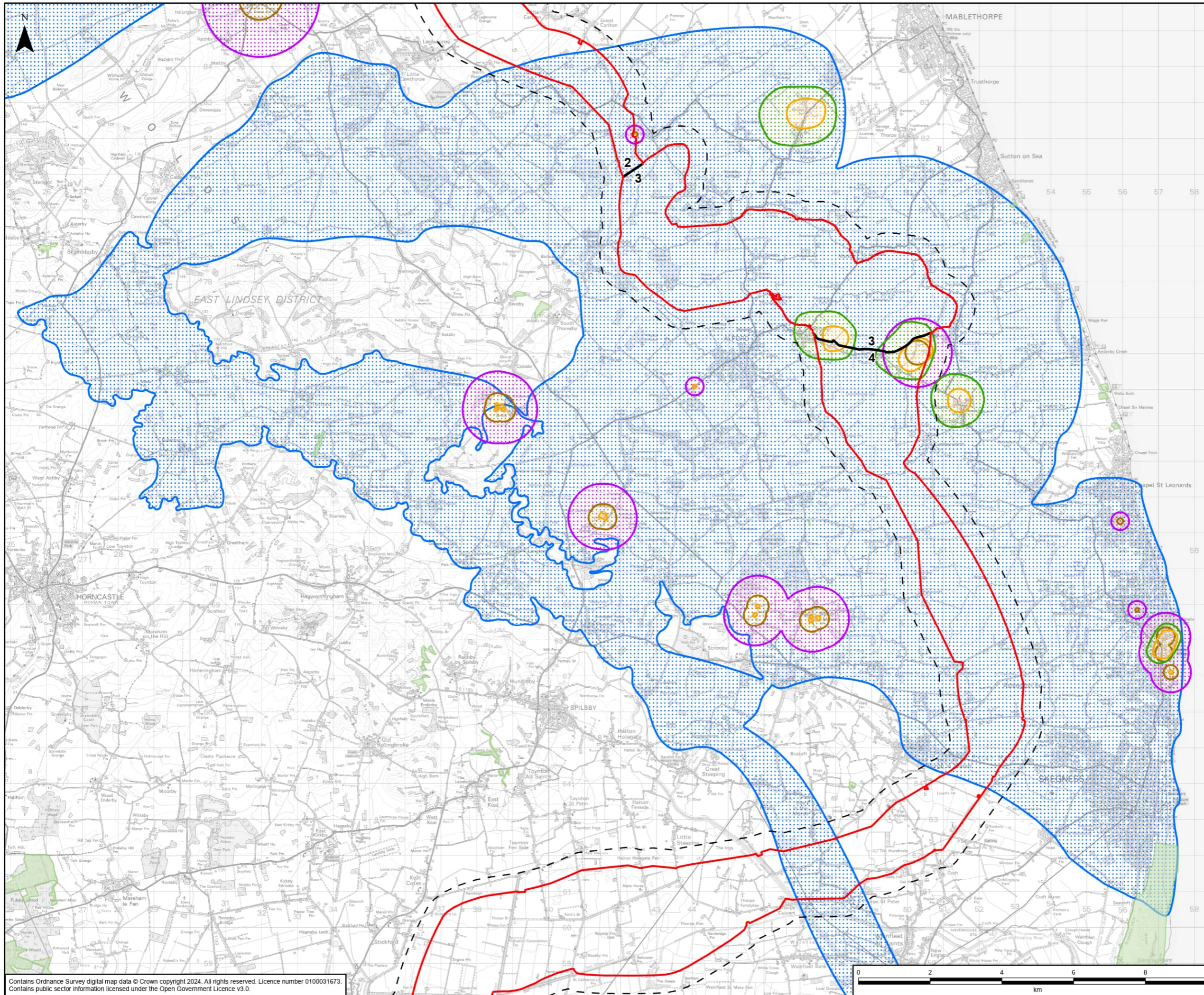
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SOURCE PROTECTION ZONES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS

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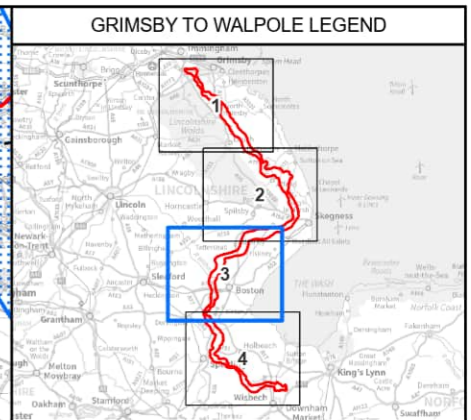
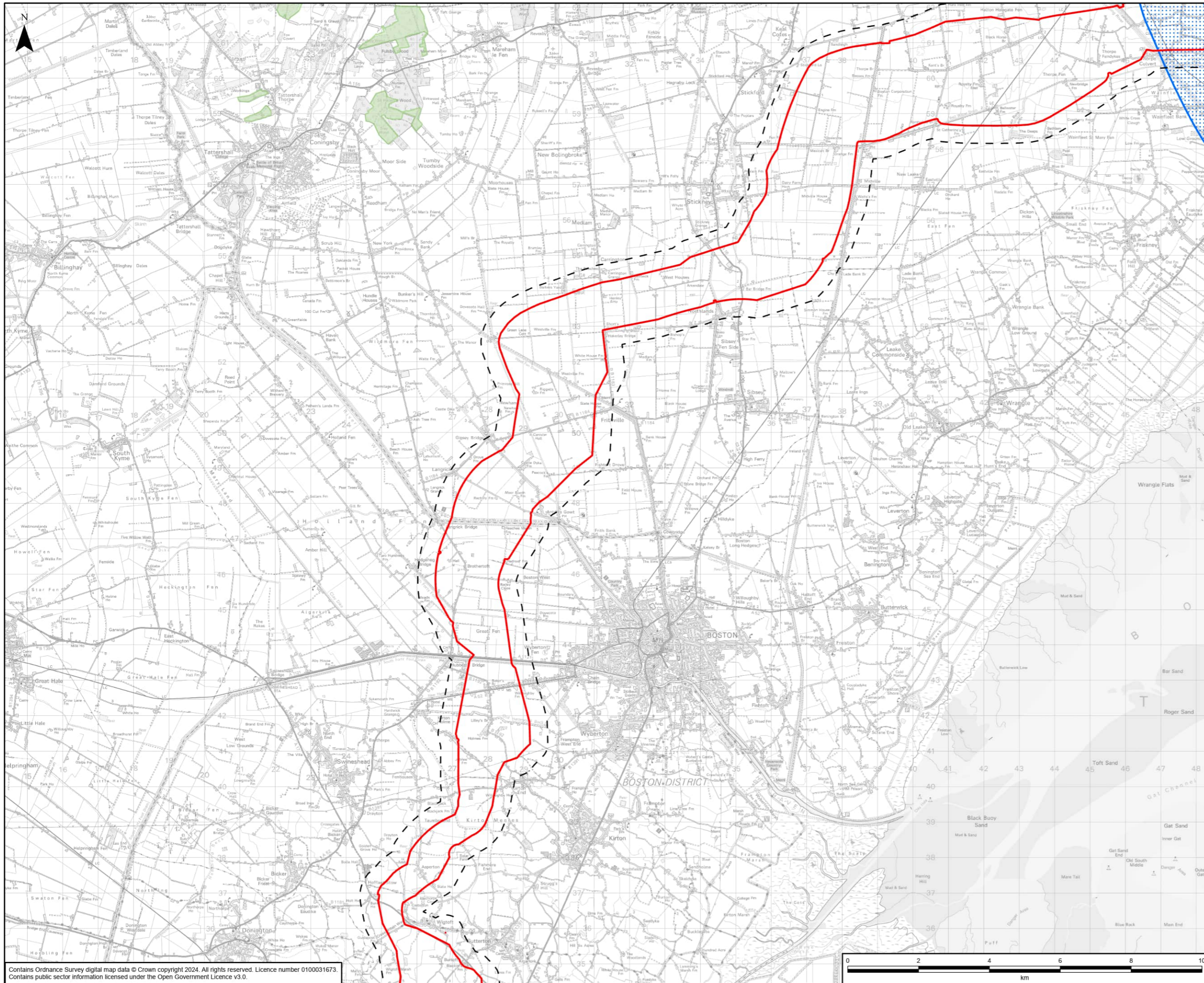
- Legend**
- Scoping Boundary
  - Route Section Break
  - 500m Study Area
  - Groundwater Dependent Terrestrial Ecosystem
- Source Protection Zone**
- Zone 1
  - Zone 1c
  - Zone 2
  - Zone 2c
  - Zone 3

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**GRIMSBY TO WALPOLE LEGEND**

- Scoping Boundary
- 500m Study Area
- Groundwater Dependent Terrestrial Ecosystem
- Zone 3

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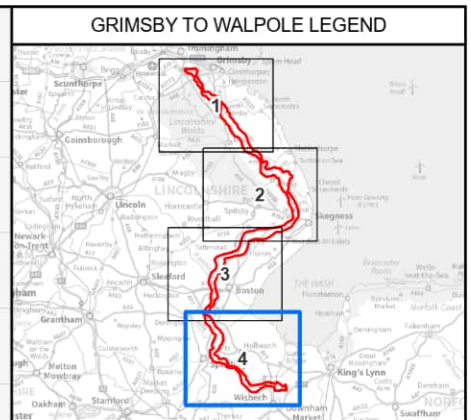
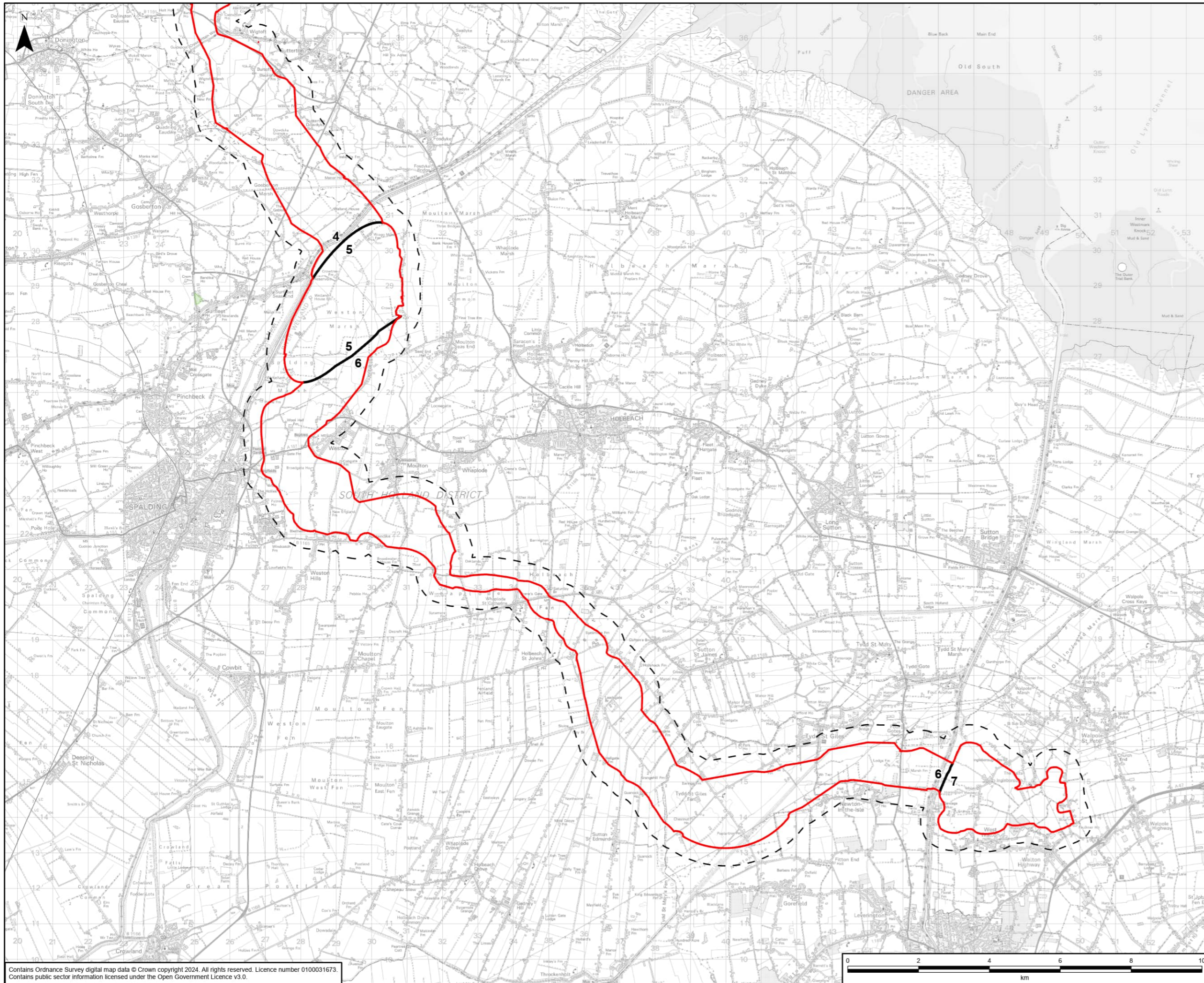
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SOURCE PROTECTION ZONES AND GROUNDWATER  
DEPENDENT TERRESTRIAL ECOSYSTEMS**

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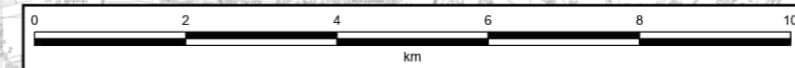


- Legend**
- Scoping Boundary
  - Route Section Break
  - - - 500m Study Area
  - Groundwater Dependent Terrestrial Ecosystem

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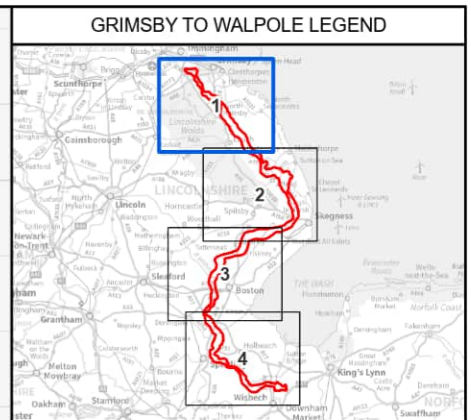
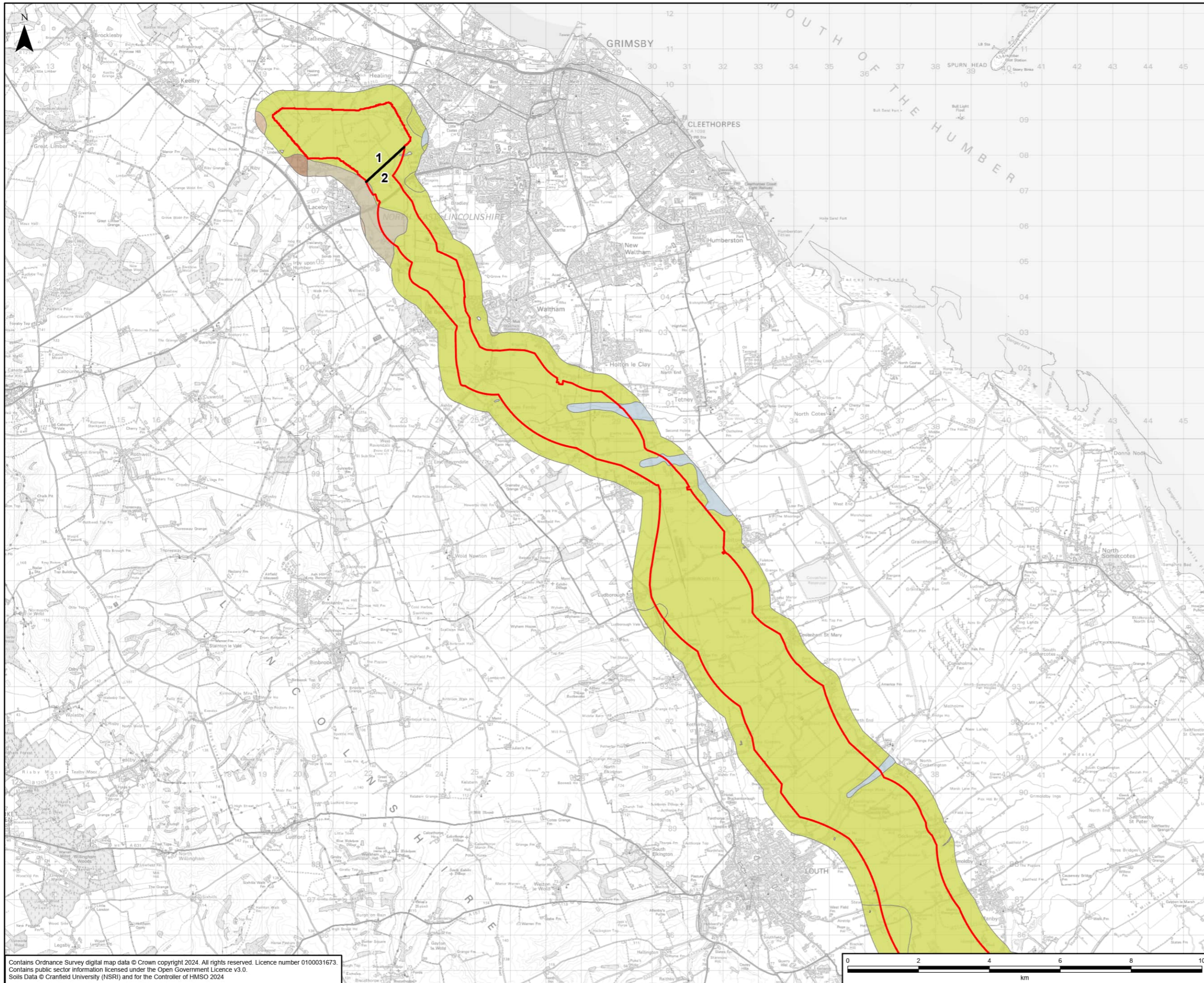
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# Figures 12.1 to 12.5





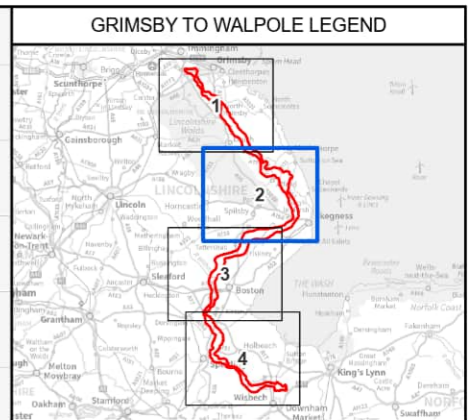
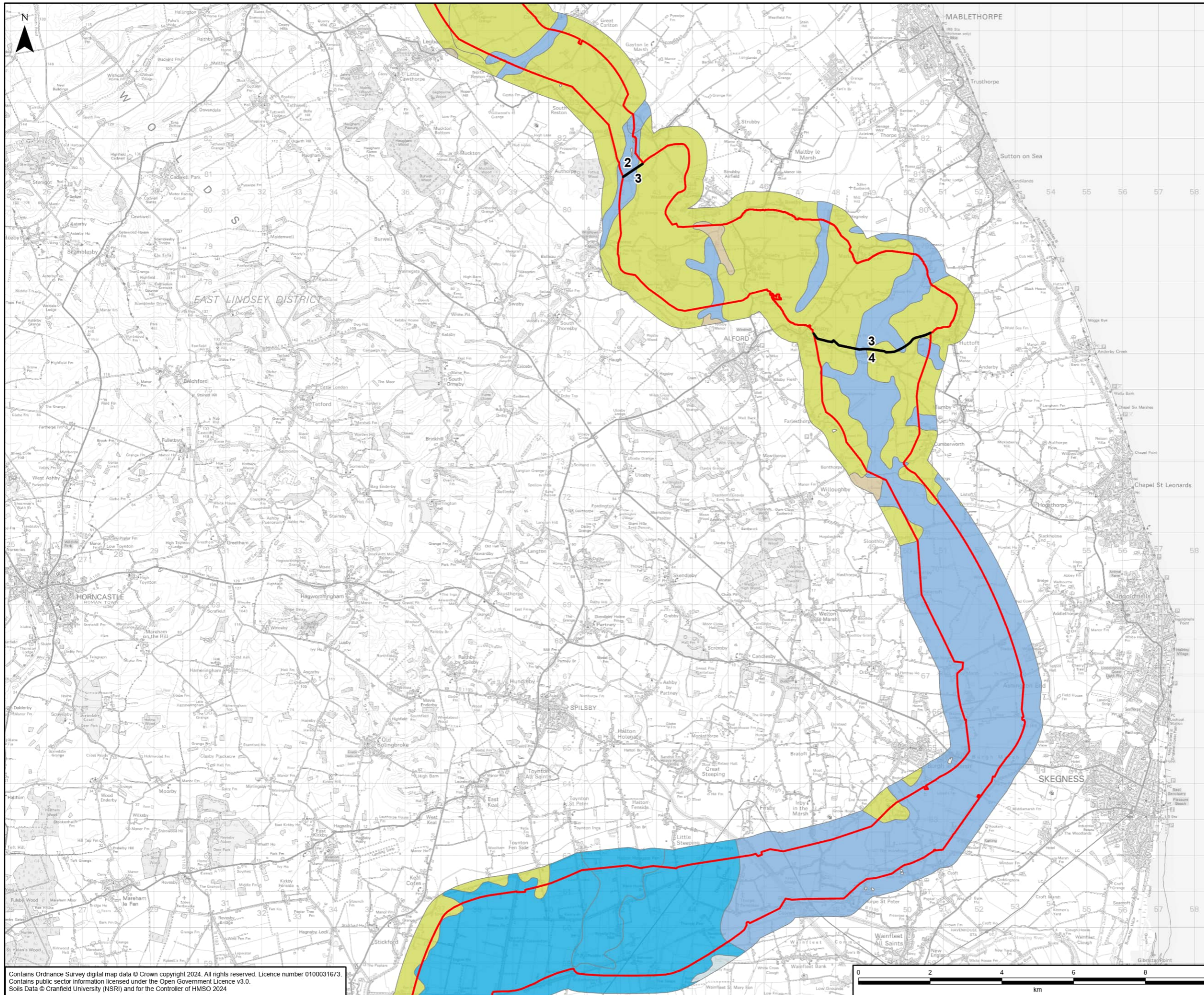
- Legend**
- Scoping Boundary
  - Route Section Break
  - Landbeach - Permeable calcareous coarse loamy soils affected by groundwater over chalky gravel
  - Arrow - Deep permeable coarse loamy soils affected by groundwater
  - Burlingham 2 - Deep fine loamy soils with slowly permeable subsoils and slight seasonal waterlogging
  - Salop - Slowly permeable seasonally waterlogged reddish fine loamy over clayey, fine loamy and clayey soils
  - Holderness - Slowly permeable seasonally waterlogged fine loamy soils and similar soils with only slight waterlogging
  - Fladbury 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils
  - Newchurch 2 - Deep stoneless mainly calcareous clayey soils

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- Legend**
- Scoping Boundary
  - Route Section Break
  - Wick 1 - Deep well drained coarse loamy and sandy soils locally over gravel
  - Arrow - Deep permeable coarse loamy soils affected by groundwater
  - Salop - Slowly permeable seasonally waterlogged reddish fine loamy over clayey, fine loamy and clayey soils
  - Holderness - Slowly permeable seasonally waterlogged fine loamy soils and similar soils with only slight waterlogging
  - Wisbech - Deep stoneless calcareous coarse silty soils.
  - Fladbury 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils
  - Wallasea 2 - Deep stoneless clayey soils. Calcareous in places
  - Downholland 1 - Deep stoneless humose clayey soils, calcareous in places
  - Downholland 2 - Deep stoneless clayey or calcareous silty soils, mainly with a humose surface horizon

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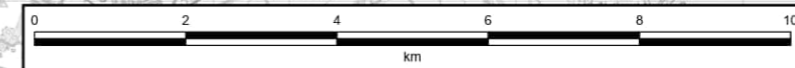
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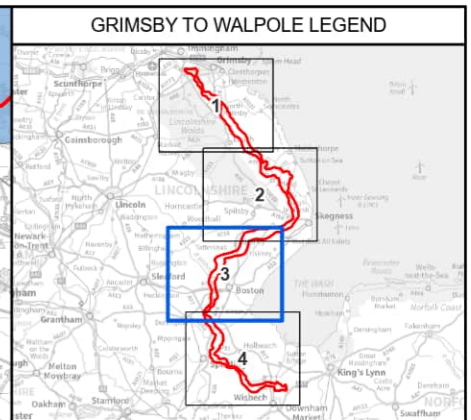
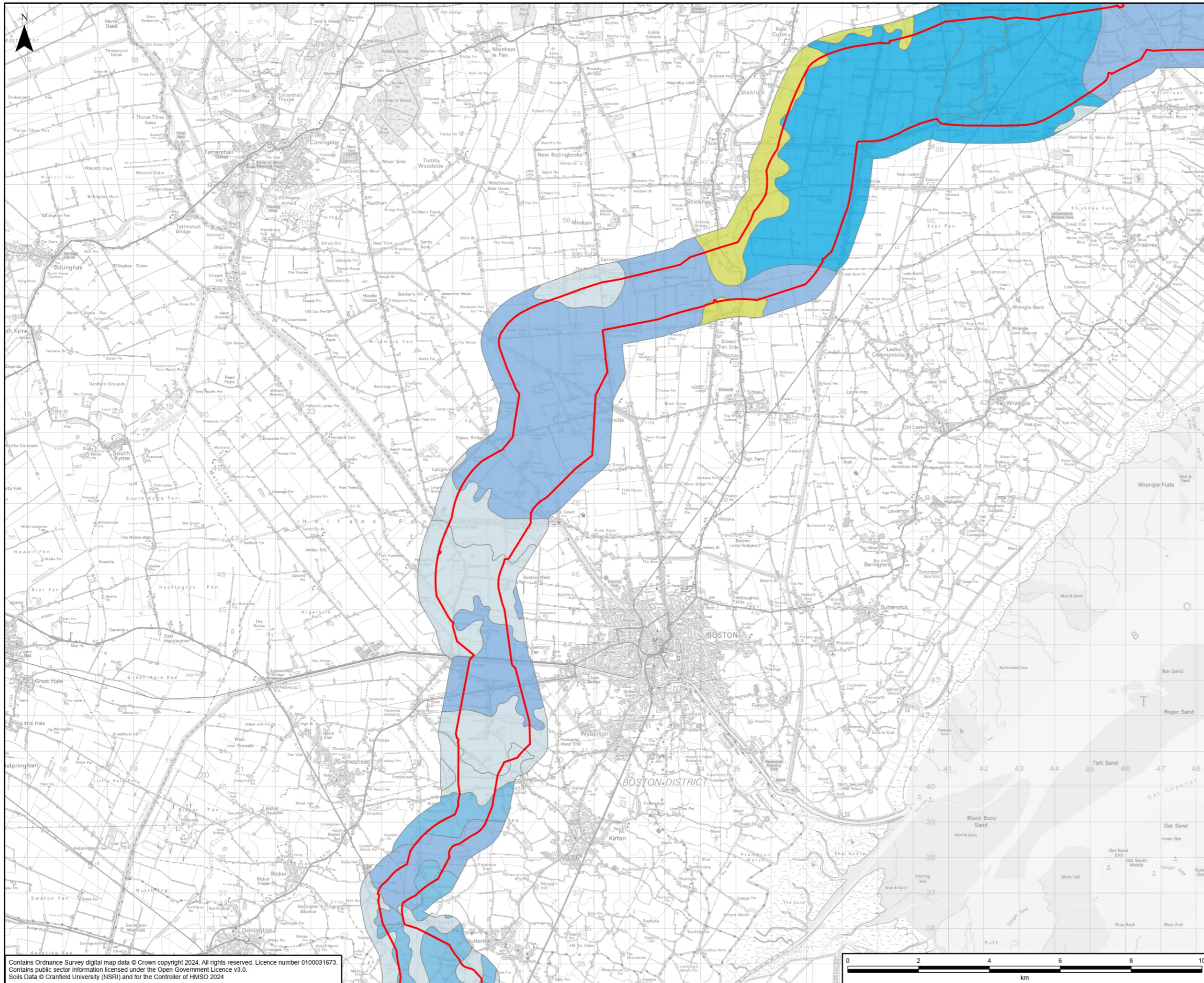
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FIGURE	1:100,000	A3	2 OF 4	A	

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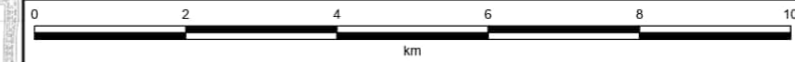






- Legend**
- Scoping Boundary
  - Salop - Slowly permeable seasonally waterlogged reddish fine loamy over clayey, fine loamy and clayey soils
  - Tanvats - Deep stoneless fine and coarse silty and clayey soils with groundwater levels controlled by ditches and pumps
  - Wisbech - Deep stoneless calcareous coarse silty soils.
  - Agney - Deep stoneless calcareous fine and coarse silty soils
  - Wallasea 2 - Deep stoneless clayey soils. Calcareous in places
  - Downholland 1 - Deep stoneless humose clayey soils, calcareous in places
  - Downholland 2 - Deep stoneless clayey or calcareous silty soils, mainly with a humose surface horizon

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**nationalgrid**

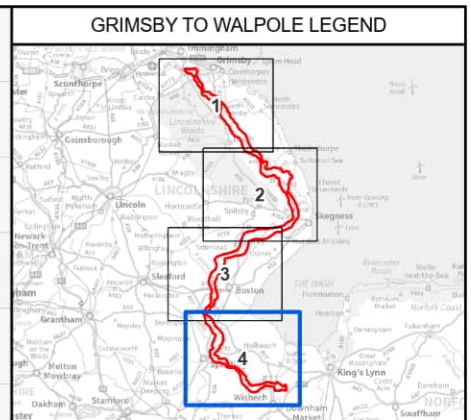
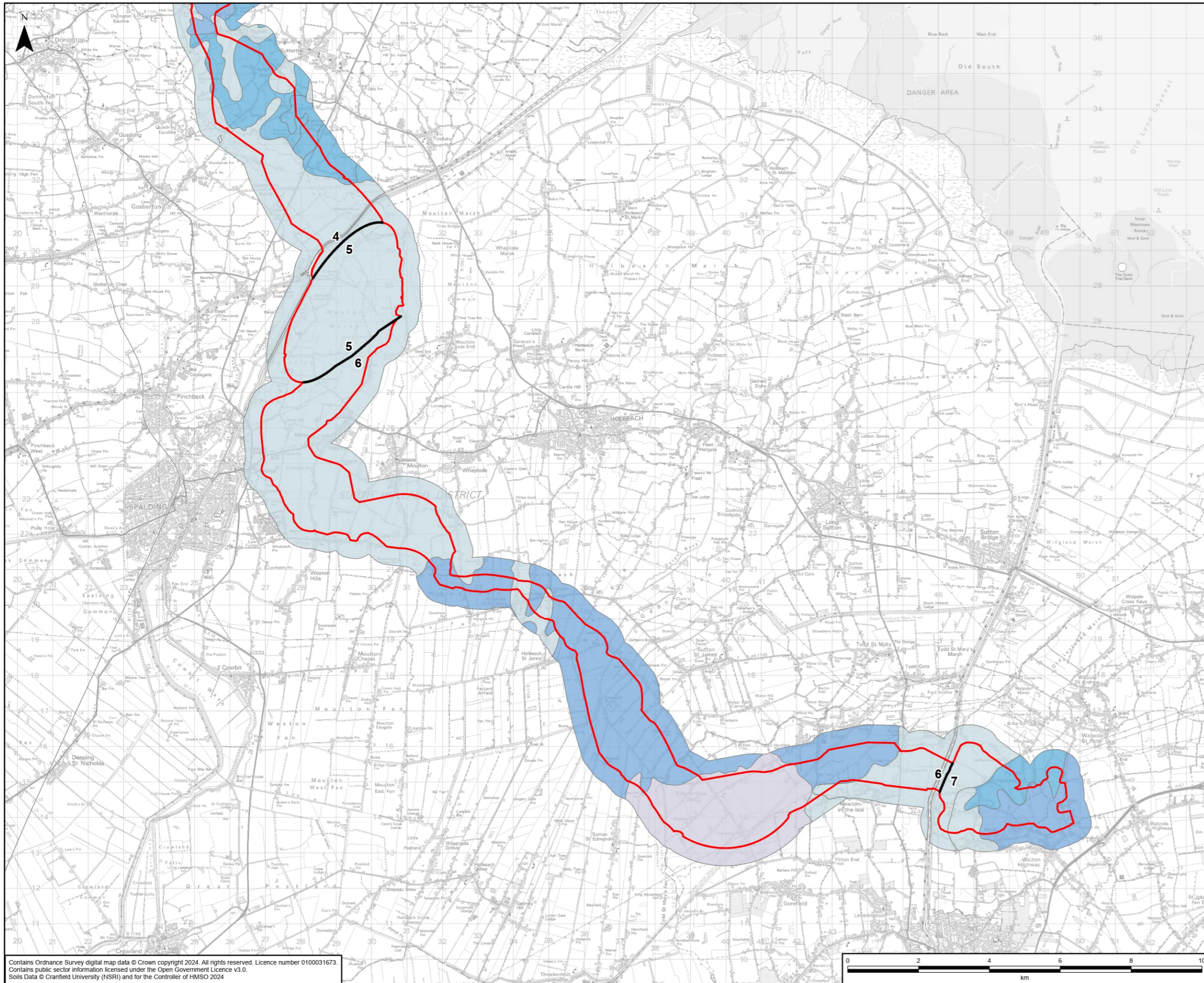
Purpose: SCOPING REPORT

Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 12.1**  
LANDIS NATIONAL SOIL SOILSCAPE MAP

Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	01/07/2024	BL	01/07/2024	DR	01/07/2024
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:100,000	A3	3 OF 4	A	



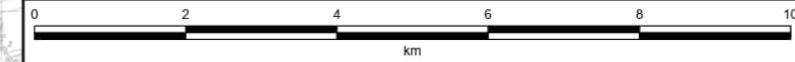


- Legend**
- Scoping Boundary
  - Route Section Break
  - Rockliffe - Deep stoneless silty and fine sandy soils variably affected by groundwater depending on artificial drainage
  - Tanvats - Deep stoneless fine and coarse silty and clayey soils with groundwater levels controlled by ditches and pumps
  - Wisbech - Deep stoneless calcareous coarse silty soils
  - Agney - Deep stoneless calcareous fine and coarse silty soils
  - Wallasea 2 - Deep stoneless clayey soils. Calcareous in places
  - Normoor - Deep stoneless clayey soils in places with humose surface horizon, often very acid

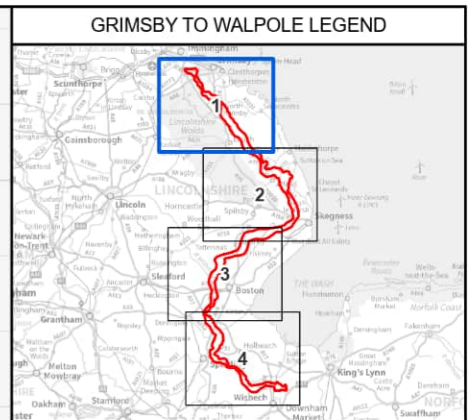
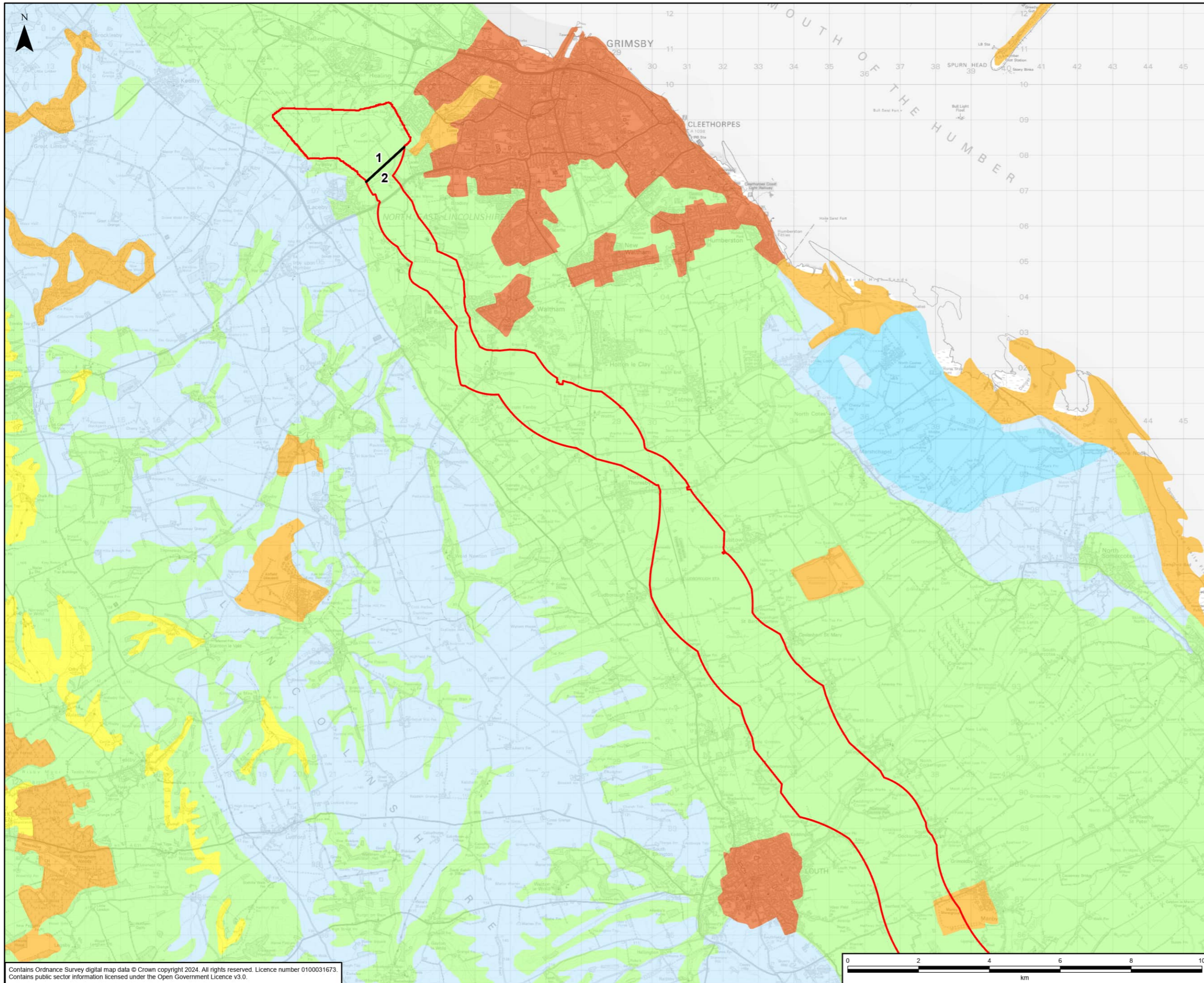
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<b>nationalgrid</b>					
Purpose: SCOPING REPORT					
Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 12.1 LANDIS NATIONAL SOIL SOILSCAPE MAP					
Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
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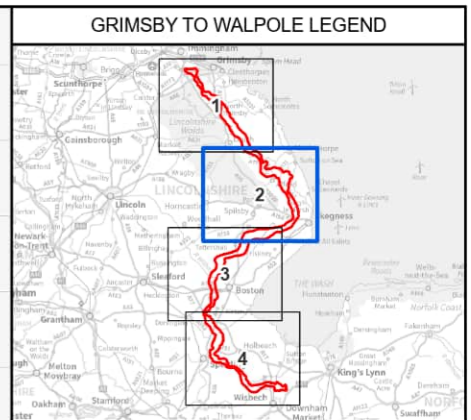
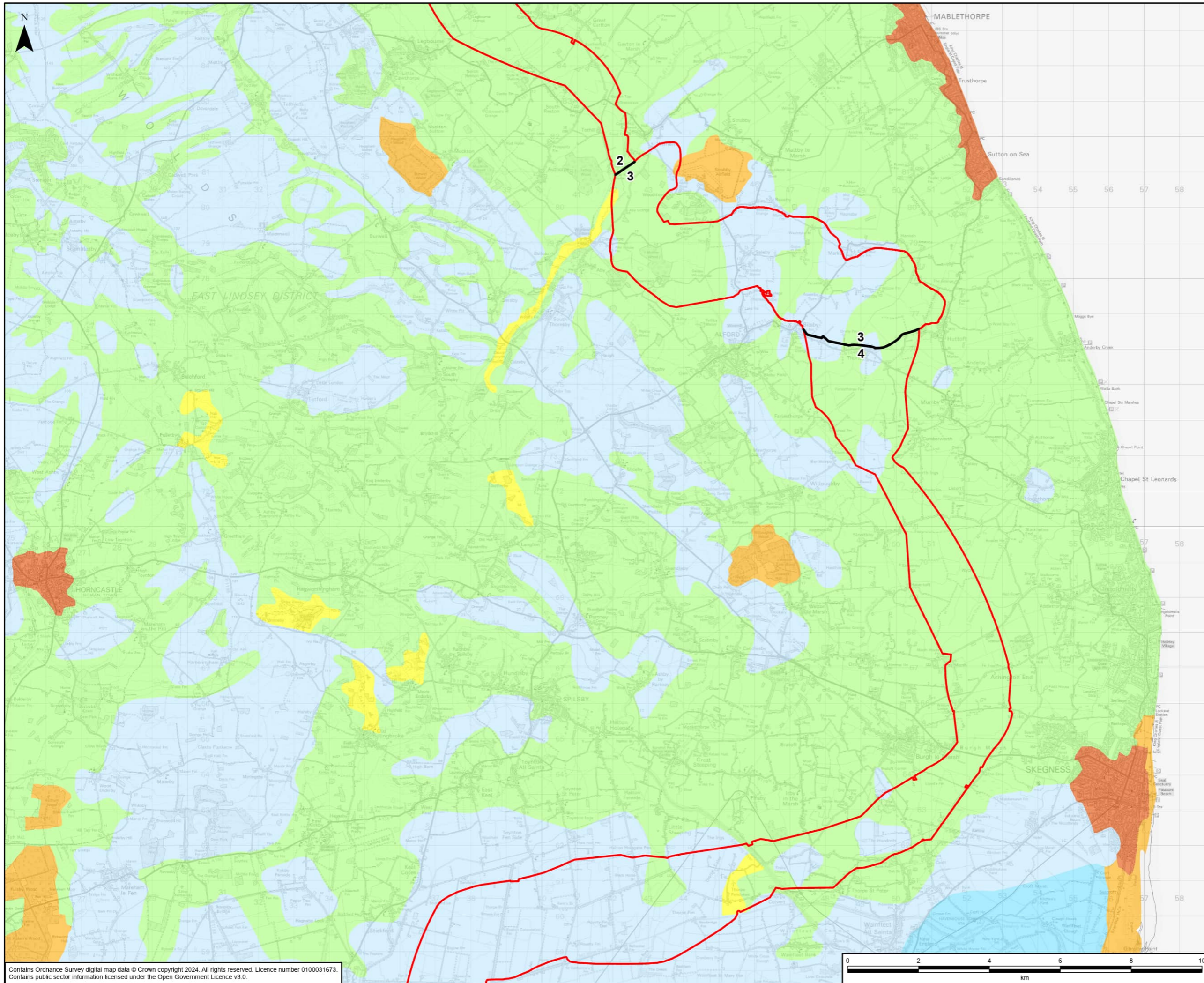
- Legend**
- Scoping Boundary
  - Route Section Break
- Agricultural Land Classification - Provisional**
- Grade 1
  - Grade 2
  - Grade 3
  - Grade 4
  - Non Agricultural
  - Urban

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<b>nationalgrid</b>					
Purpose:		SCOPING REPORT			
Scheme:		GRIMSBY TO WALPOLE			
Document Title:		FIGURE 12.2 PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING			
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	01/07/2024	BL	01/07/2024	DR	01/07/2024
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:100,000	A3	1 OF 4	A	

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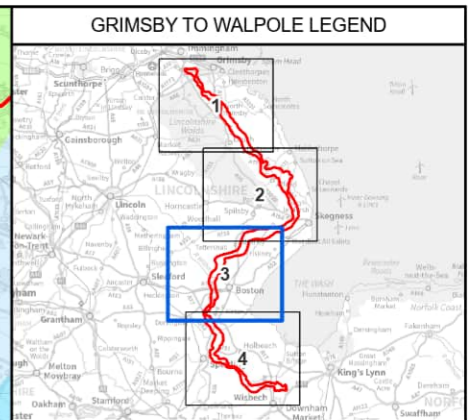
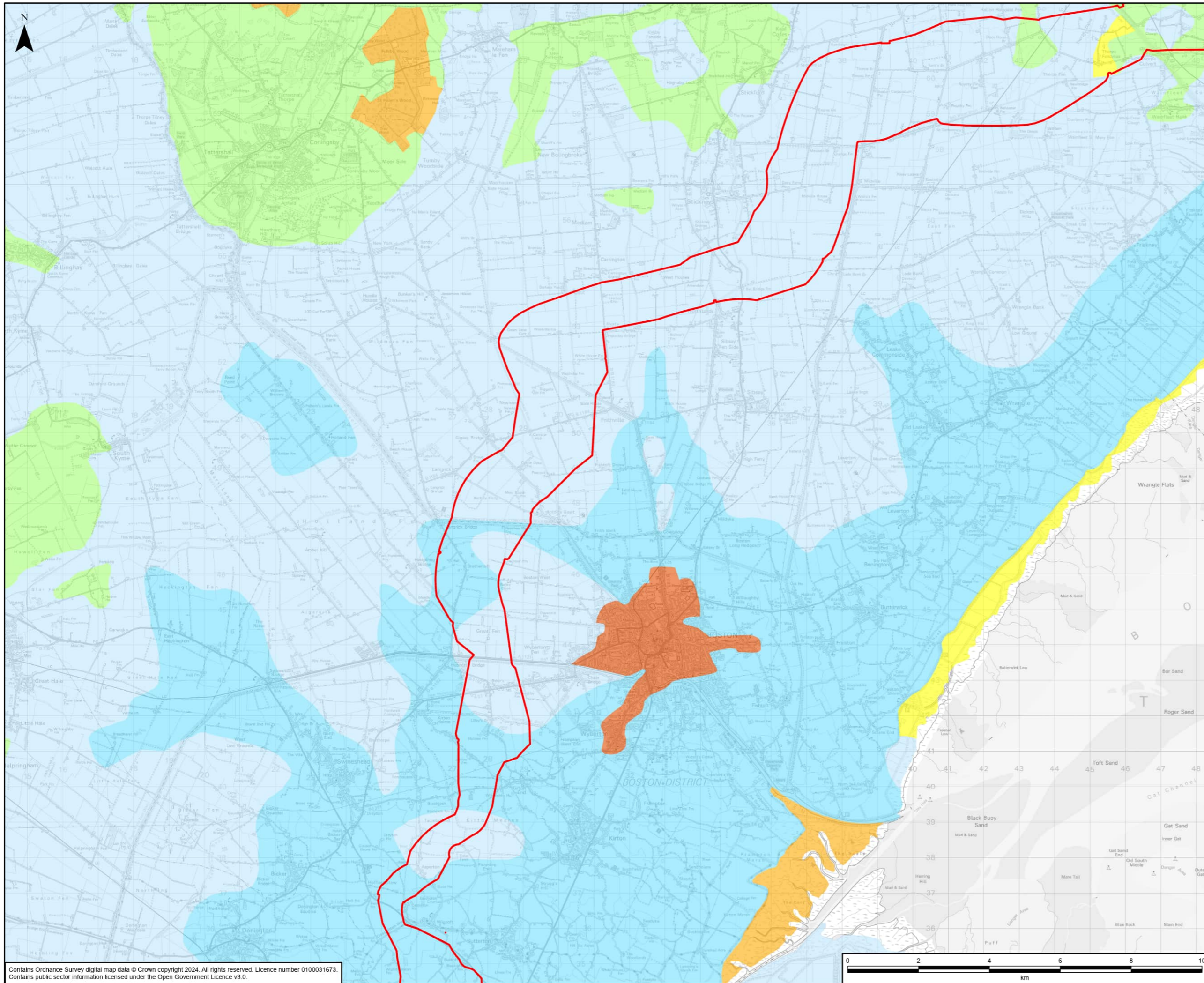
- Legend**
- Scoping Boundary
  - Route Section Break
- Agricultural Land Classification - Provisional**
- Grade 1
  - Grade 2
  - Grade 3
  - Grade 4
  - Non Agricultural
  - Urban

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<b>nationalgrid</b>					
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Scheme:		GRIMSBY TO WALPOLE			
Document Title:		FIGURE 12.2 PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING			
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	01/07/2024	BL	01/07/2024	DR	01/07/2024
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FIGURE	1:100,000	A3	2 OF 4	A	

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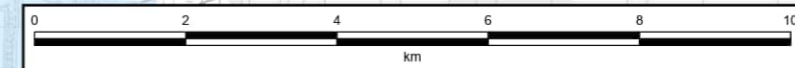


- Legend**
- Scoping Boundary
  - Agricultural Land Classification - Provisional**
  - Grade 1
  - Grade 2
  - Grade 3
  - Grade 4
  - Non Agricultural
  - Urban

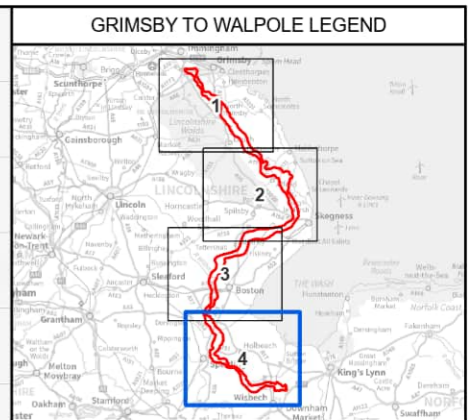
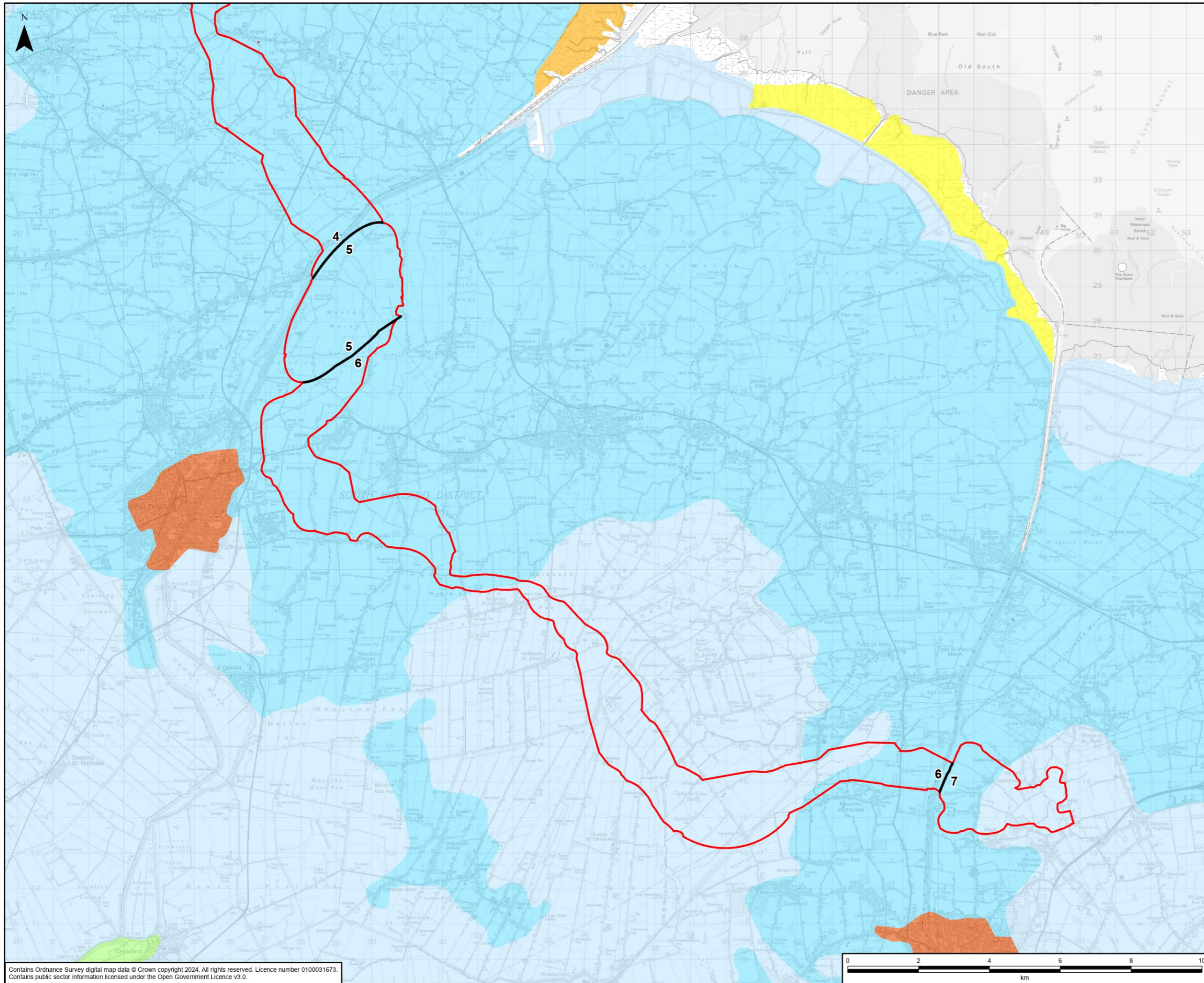
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Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 12.2 PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING					
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	01/07/2024	BL	01/07/2024	DR	01/07/2024
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FIGURE	1:100,000	A3	3 OF 4	A	

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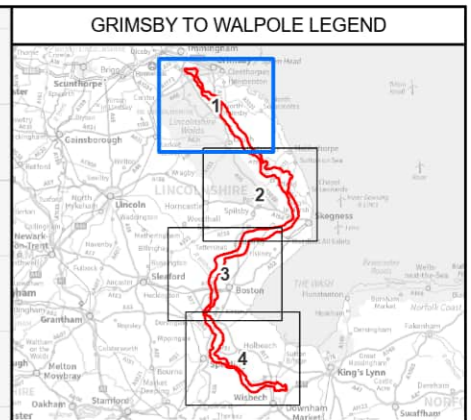
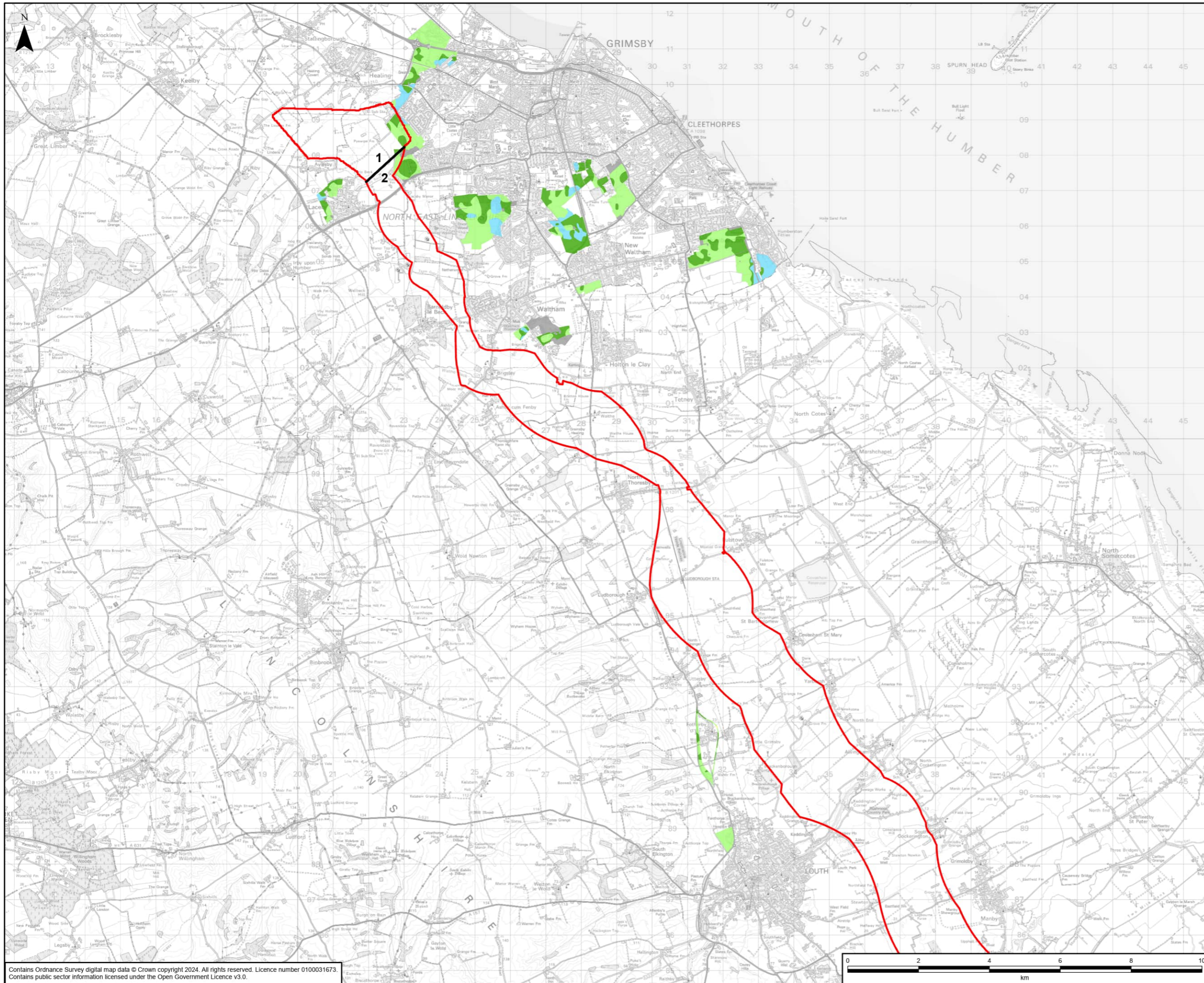
- Legend**
- Scoping Boundary
  - Route Section Break
- Agricultural Land Classification - Provisional**
- Grade 1
  - Grade 2
  - Grade 3
  - Grade 4
  - Non Agricultural
  - Urban

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Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 12.2 PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING					
Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
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- Legend**
- Scoping Boundary
  - Route Section Break
- Agricultural Land Classification - Post 1988**
- Grade 2
  - Grade 3a
  - Grade 3b
  - Grade 4
  - Other

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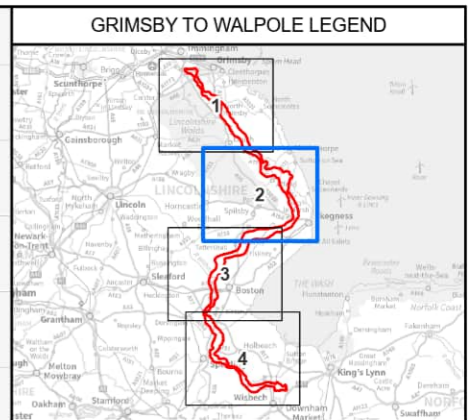
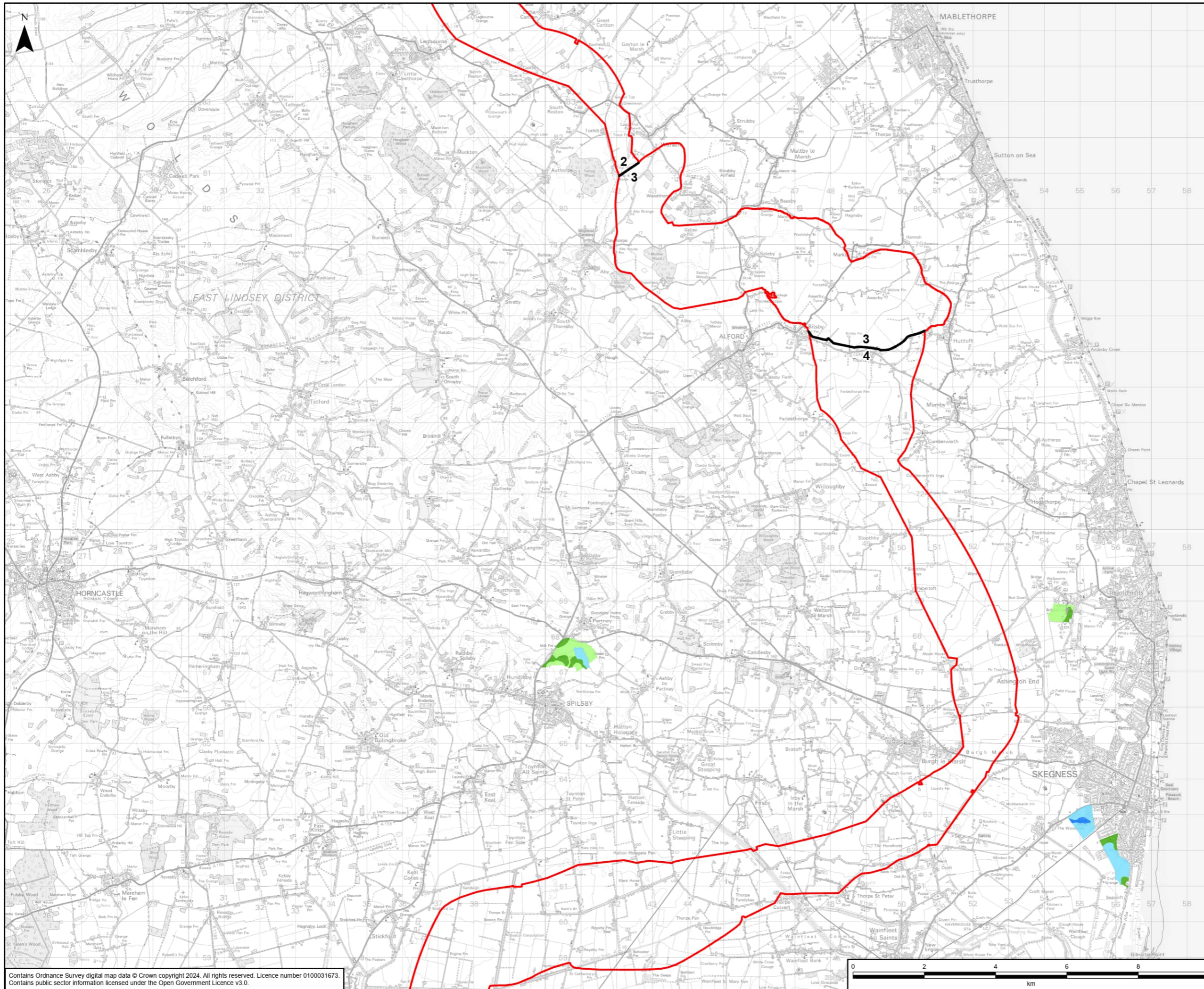
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Document Title: FIGURE 12.3  
DETAILED AGRICULTURAL LAND CLASSIFICATION MAPPING

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**Legend**

- Scoping Boundary
- Route Section Break

**Agricultural Land Classification - Post 1988**

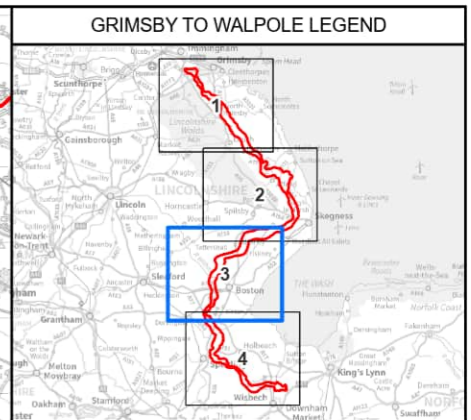
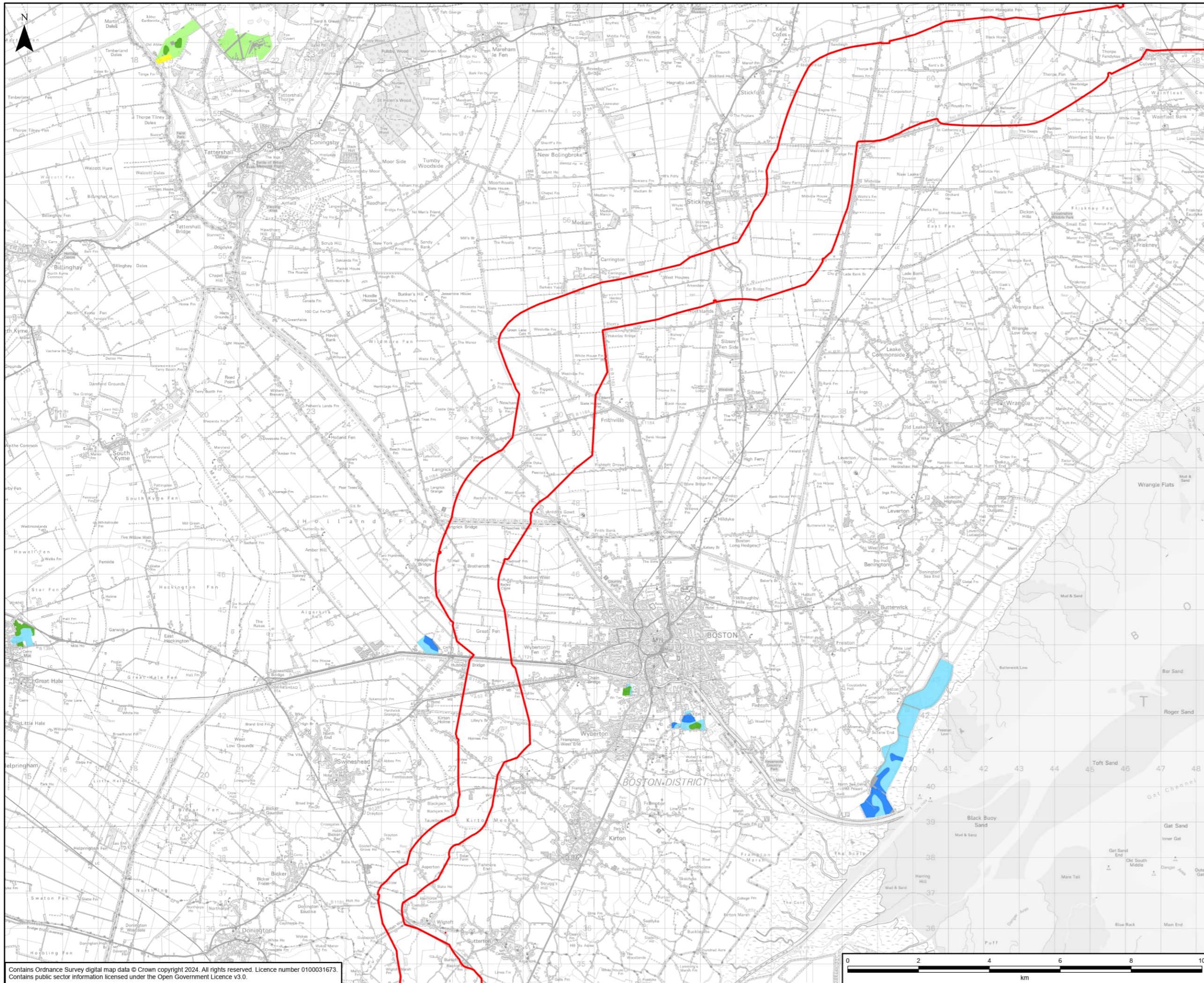
- Grade 1
- Grade 2
- Grade 3a
- Grade 3b
- Other

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Scheme: GRIMSBY TO WALPOLE					
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Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
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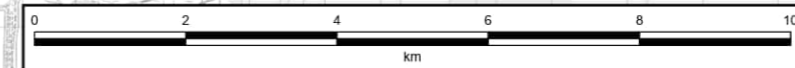




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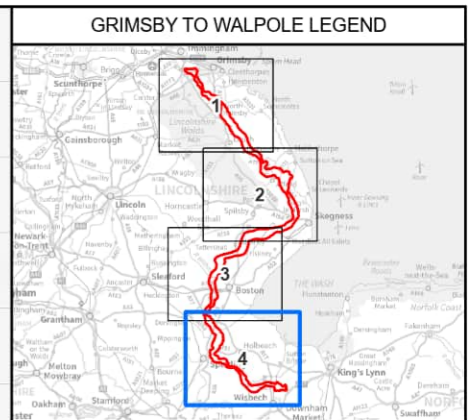
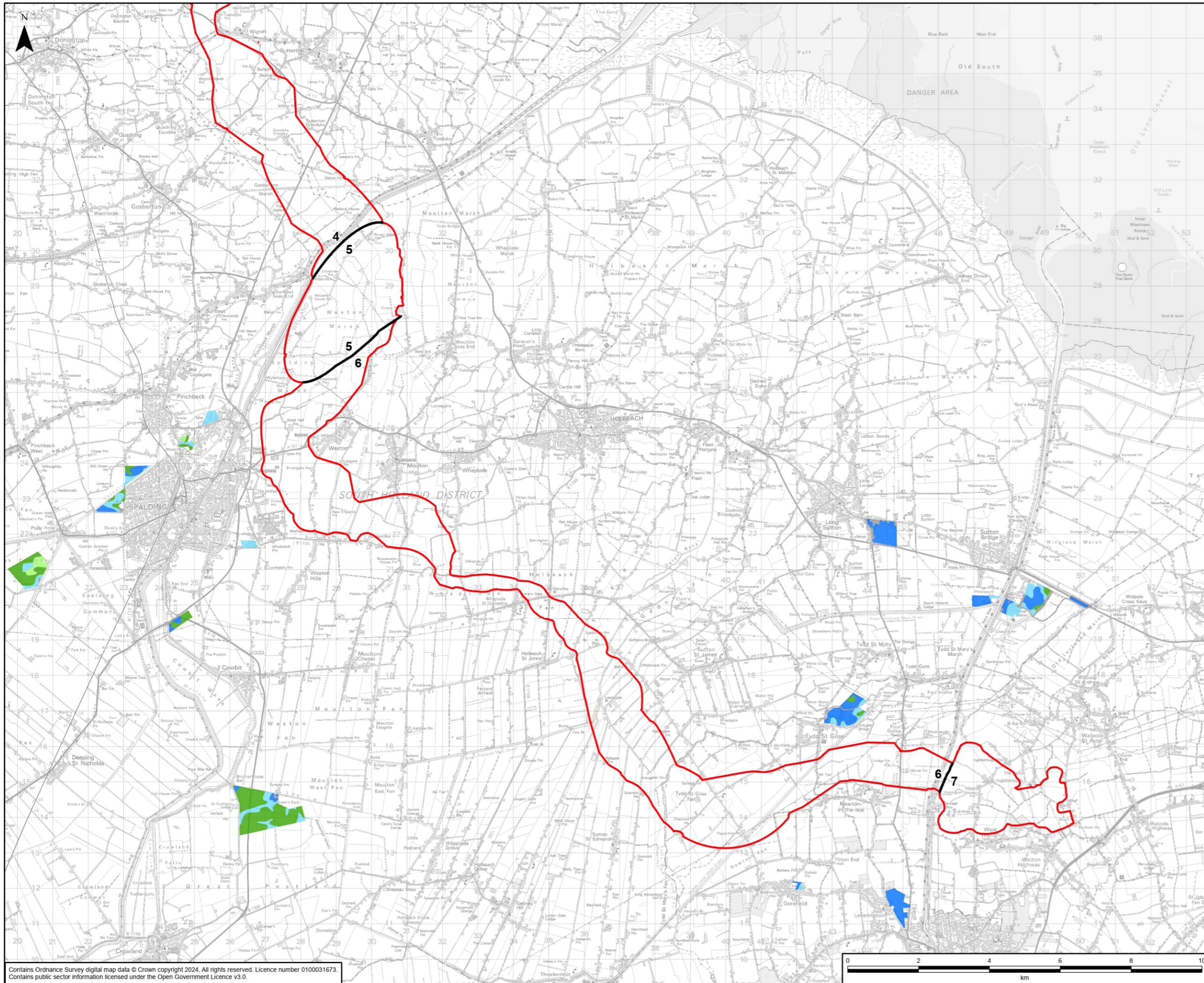
- Scoping Boundary
- Agricultural Land Classification - Post 1988
  - Grade 1
  - Grade 2
  - Grade 3a
  - Grade 3b
  - Grade 4
  - Other

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Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
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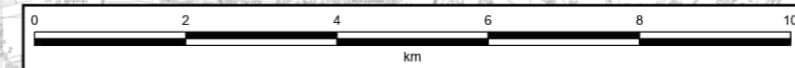


- Legend**
- Scoping Boundary
  - Route Section Break
- Agricultural Land Classification - Post 1988**
- Grade 1
  - Grade 2
  - Grade 3a
  - Grade 3b
  - Other

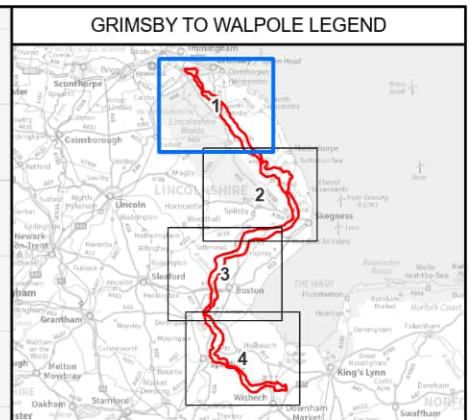
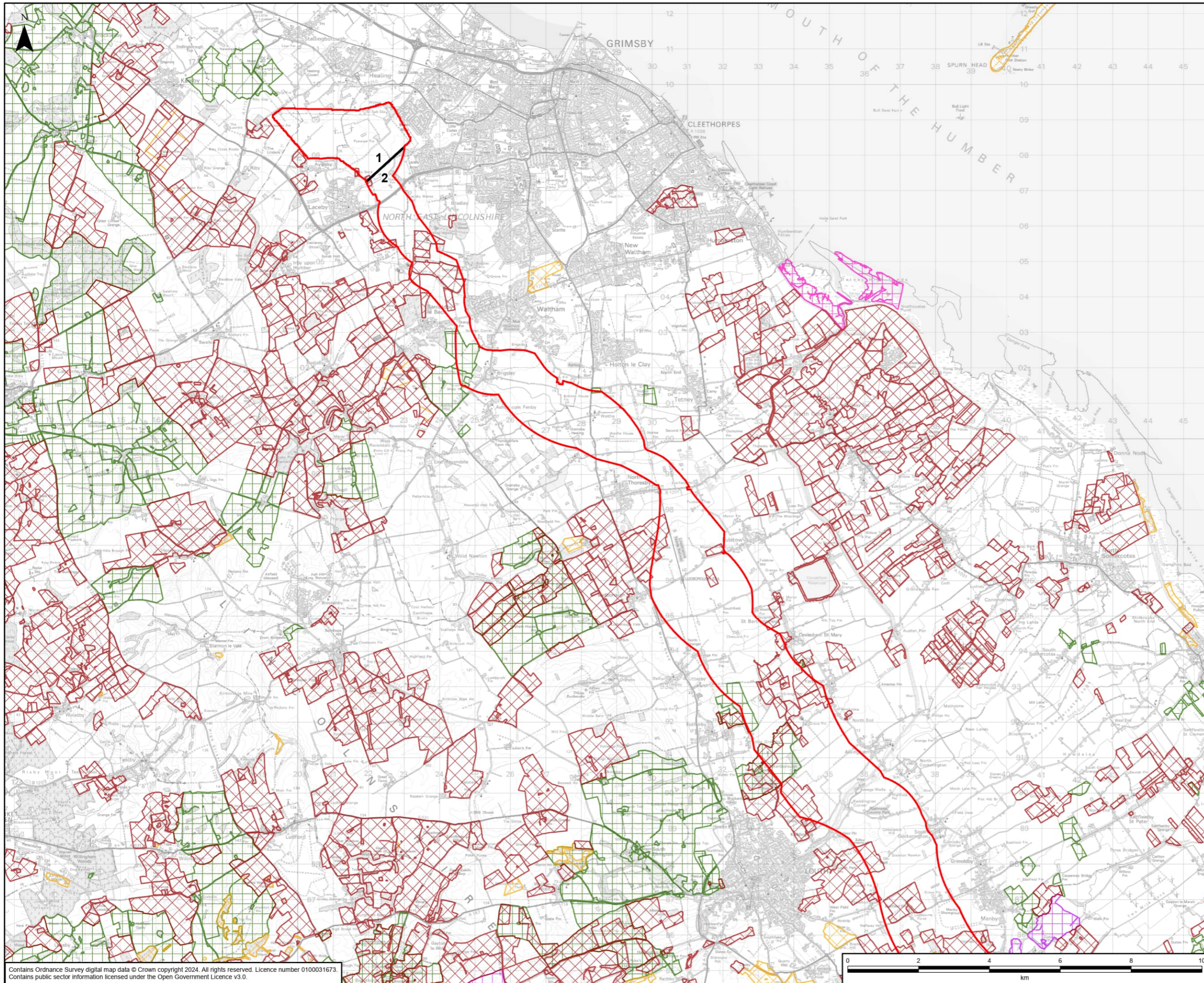
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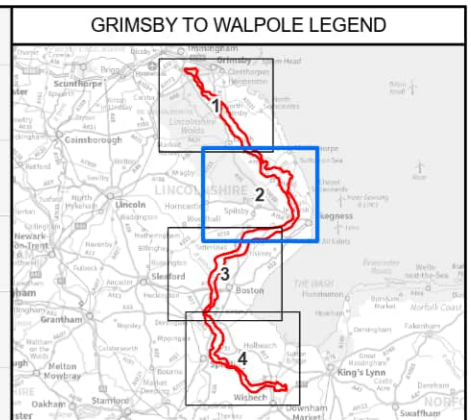
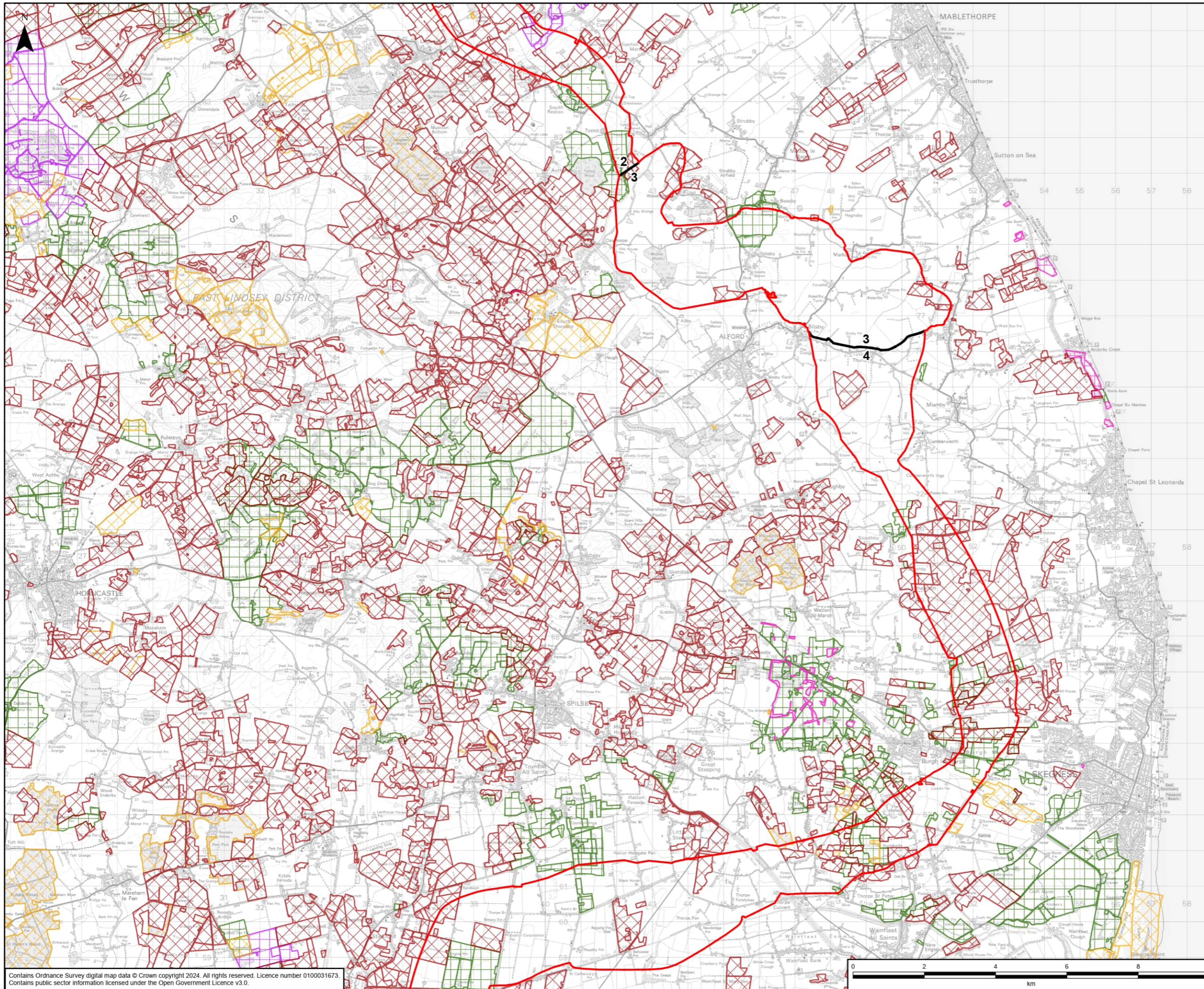
- Legend**
- Scoping Boundary
  - Route Section Break
  - Countryside Stewardship Scheme Management Area**
  - Countryside Stewardship (Higher Tier)
  - Countryside Stewardship (Middle Tier)
  - Environmental Stewardship Scheme Agreement**
  - Entry Level plus Higher Level Stewardship
  - Higher Level Stewardship
  - Organic Entry Level plus Higher Level Stewardship

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Document Title:		FIGURE 12.4 AGRI-ENVIRONMENT SCHEMES			
Creator:	Date:	Checker:	Date:	Approver:	Date:
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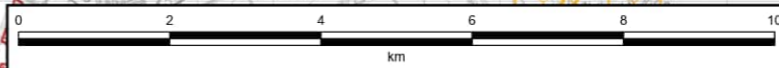


- Legend**
- Scoping Boundary
  - Route Section Break
  - Countryside Stewardship Scheme Management Area**
  - Countryside Stewardship (Higher Tier)
  - Countryside Stewardship (Middle Tier)
  - Environmental Stewardship Scheme Agreement**
  - Entry Level plus Higher Level Stewardship
  - Higher Level Stewardship
  - Organic Entry Level plus Higher Level Stewardship

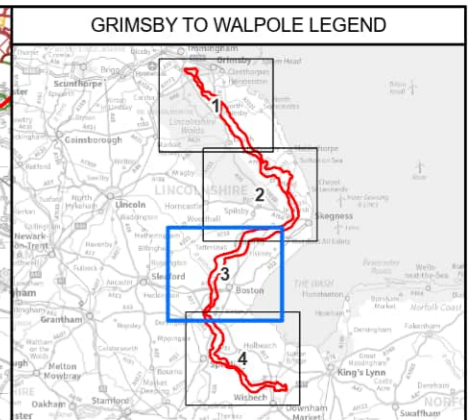
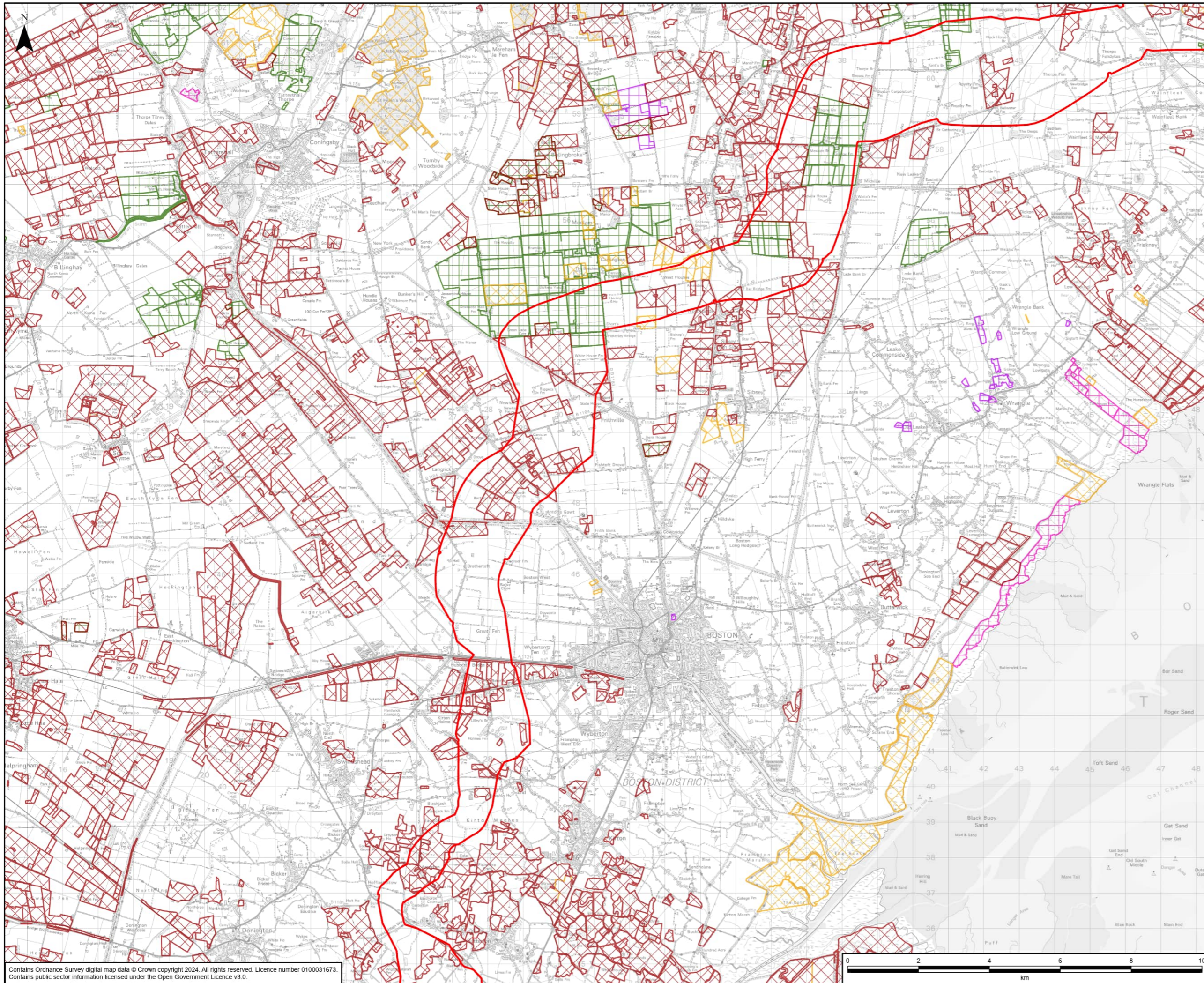
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Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
Document Type: FIGURE	Scale: 1:100,000	Format: A3	Sheets: 2 OF 4	Rev: A	

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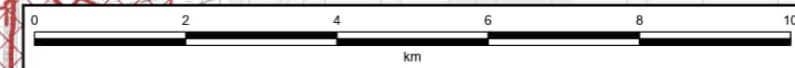






- Legend**
- Scoping Boundary
  - Countryside Stewardship Scheme Management Area**
  - Countryside Stewardship (Higher Tier)
  - Countryside Stewardship (Middle Tier)
  - Environmental Stewardship Scheme Agreement**
  - Entry Level plus Higher Level Stewardship
  - Higher Level Stewardship
  - Organic Entry Level plus Higher Level Stewardship

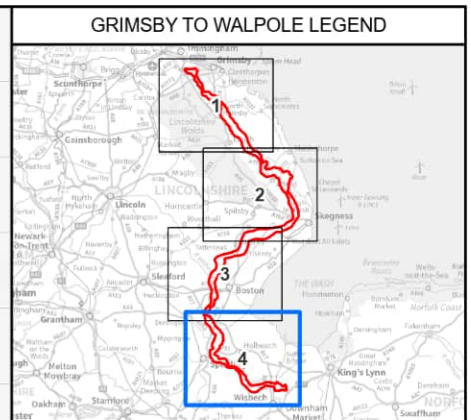
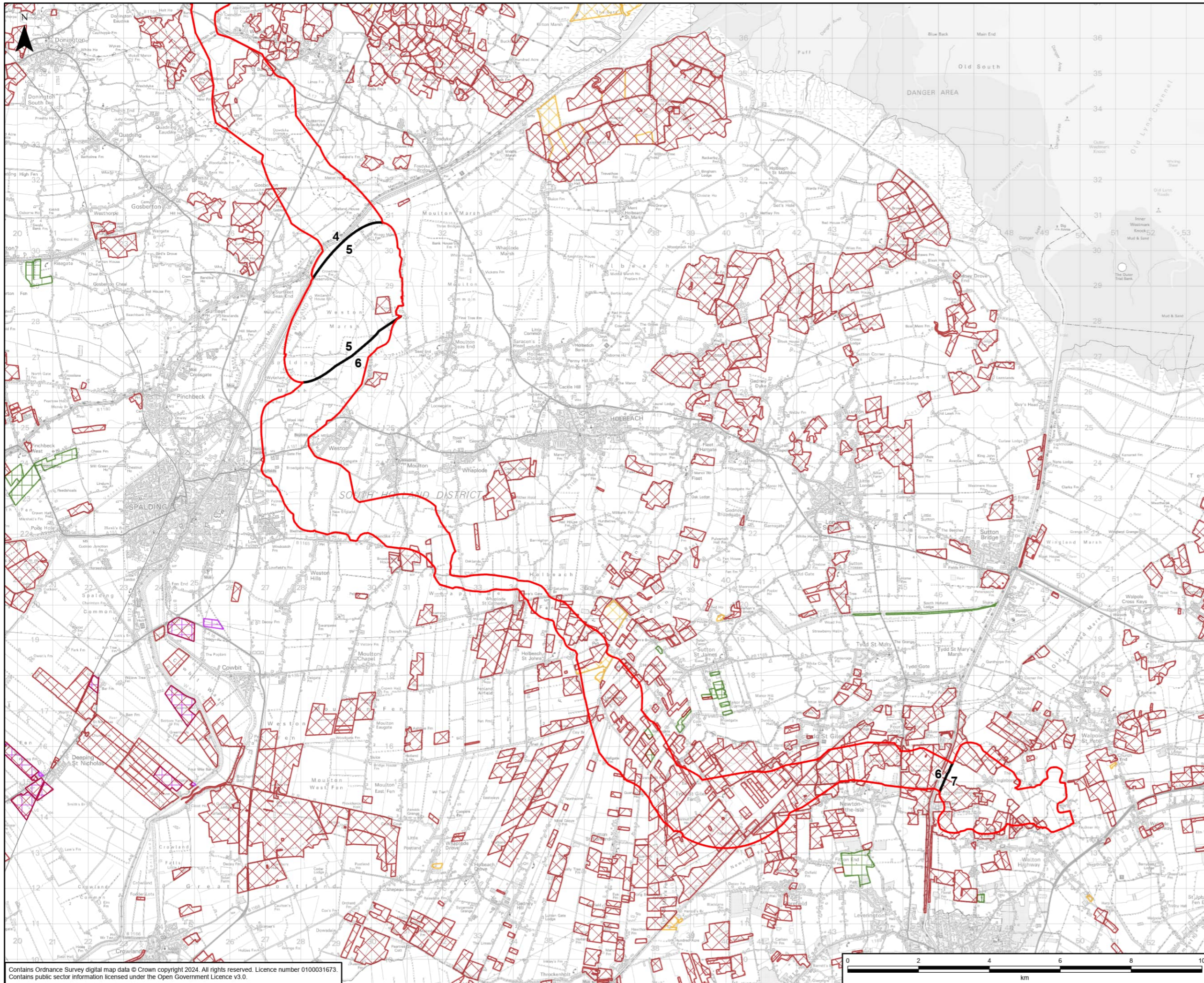
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Document Title: FIGURE 12.4 AGRI-ENVIRONMENT SCHEMES					
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	01/07/2024	BL	01/07/2024	DR	01/07/2024
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FIGURE	1:100,000	A3	3 OF 4	A	





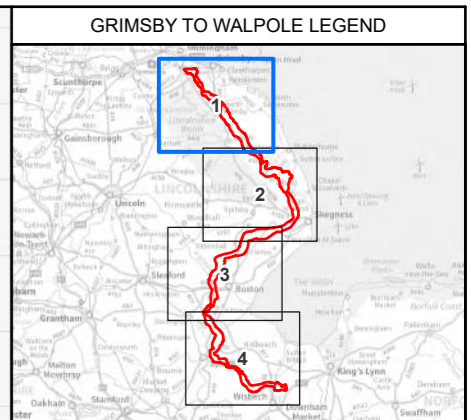
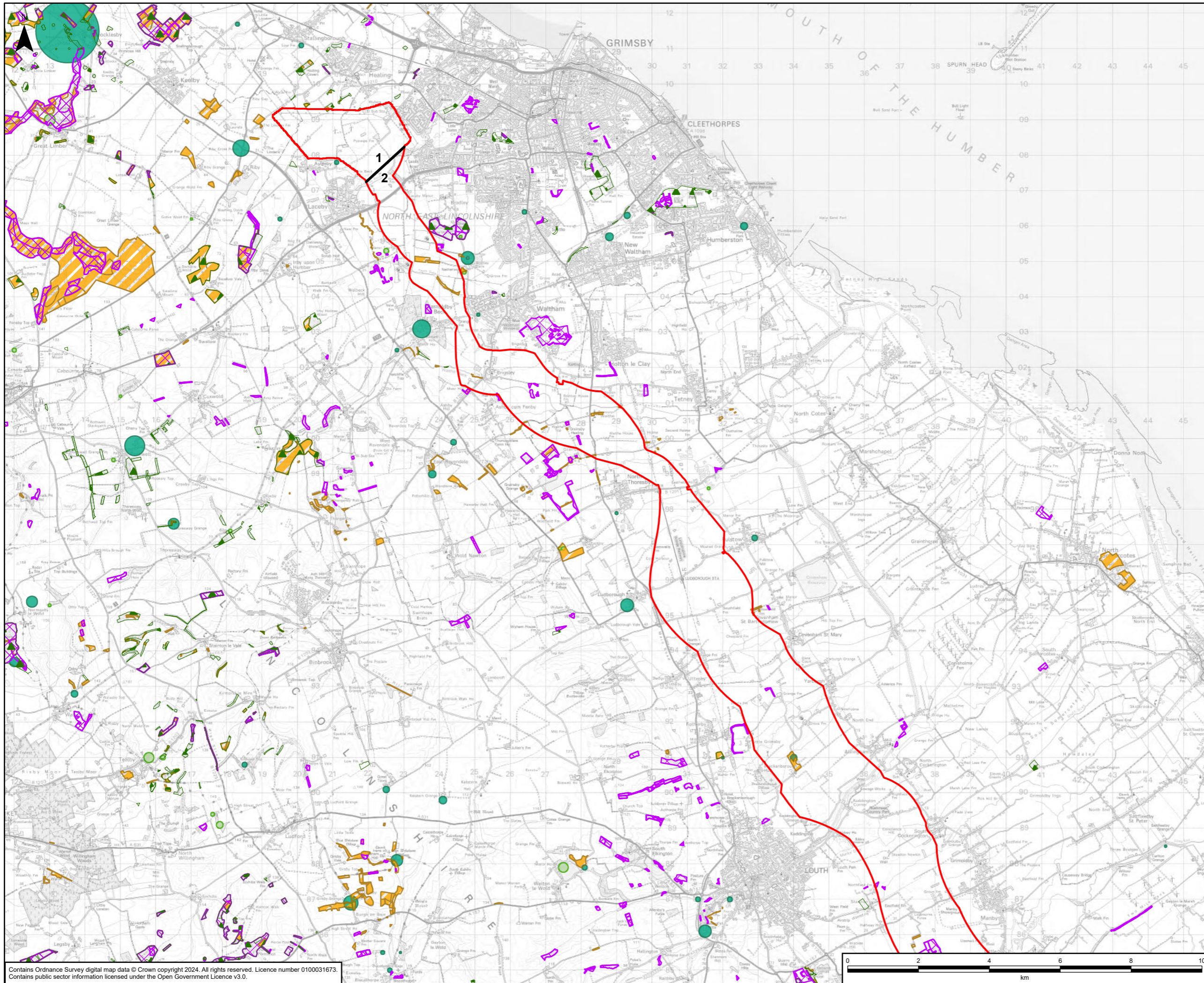
- Legend**
- Scoping Boundary
  - Route Section Break
  - Countryside Stewardship Scheme Management Area**
  - Countryside Stewardship (Higher Tier)
  - Countryside Stewardship (Middle Tier)
  - Environmental Stewardship Scheme Agreement**
  - Entry Level plus Higher Level Stewardship
  - Organic Entry Level plus Higher Level Stewardship

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Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 12.4 AGRI-ENVIRONMENT SCHEMES					
Creator: LC	Date: 01/07/2024	Checker: BL	Date: 01/07/2024	Approver: DR	Date: 01/07/2024
Document Type: FIGURE	Scale: 1:100,000	Format: A3	Sheets: 4 OF 4	Rev: A	

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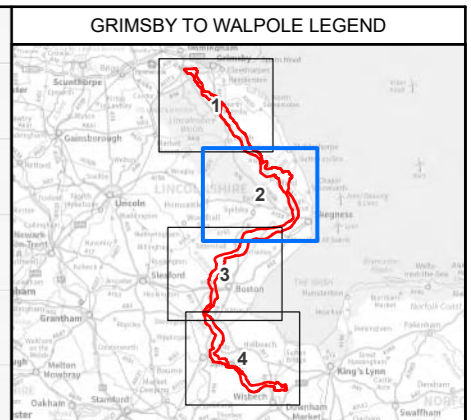
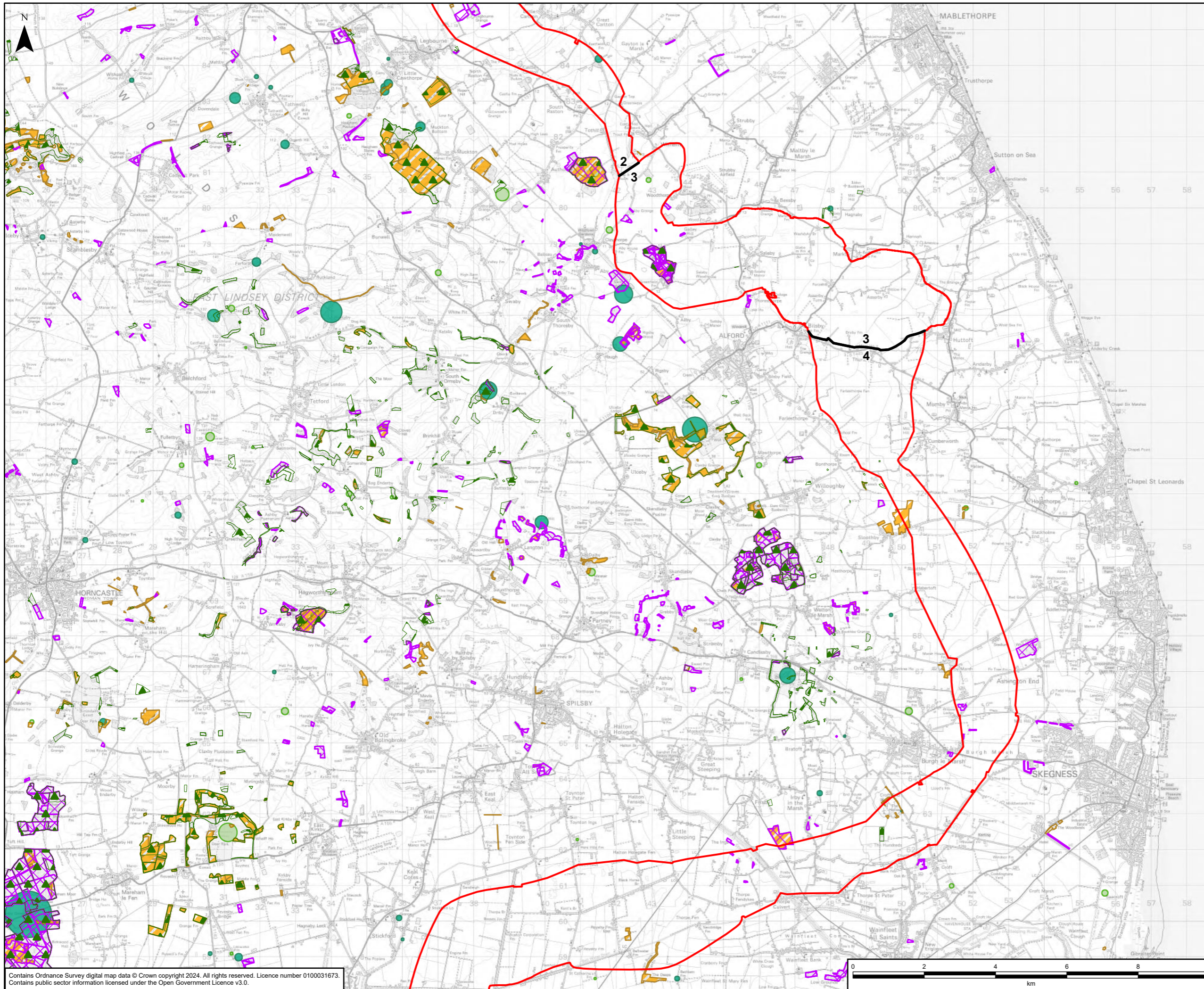
- Legend**
- Scoping Boundary
  - Route Section Break
  - Woodland Grant Scheme 1
  - Woodland Grant Scheme 2
  - Woodland Grant Scheme 3
  - Felling License Agreement
  - English Woodland Grant Scheme Boundary

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<b>nationalgrid</b>					
Purpose: SCOPING REPORT					
Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 12.5 WOODLAND AND FORESTRY SCHEMES					
Creator: LC	Date: 05/07/2024	Checker: BL	Date: 05/07/2024	Approver: DR	Date: 05/07/2024
Document Type: FIGURE	Scale: 1:100,000	Format: A3	Sheets: 1 OF 4	Rev: A	

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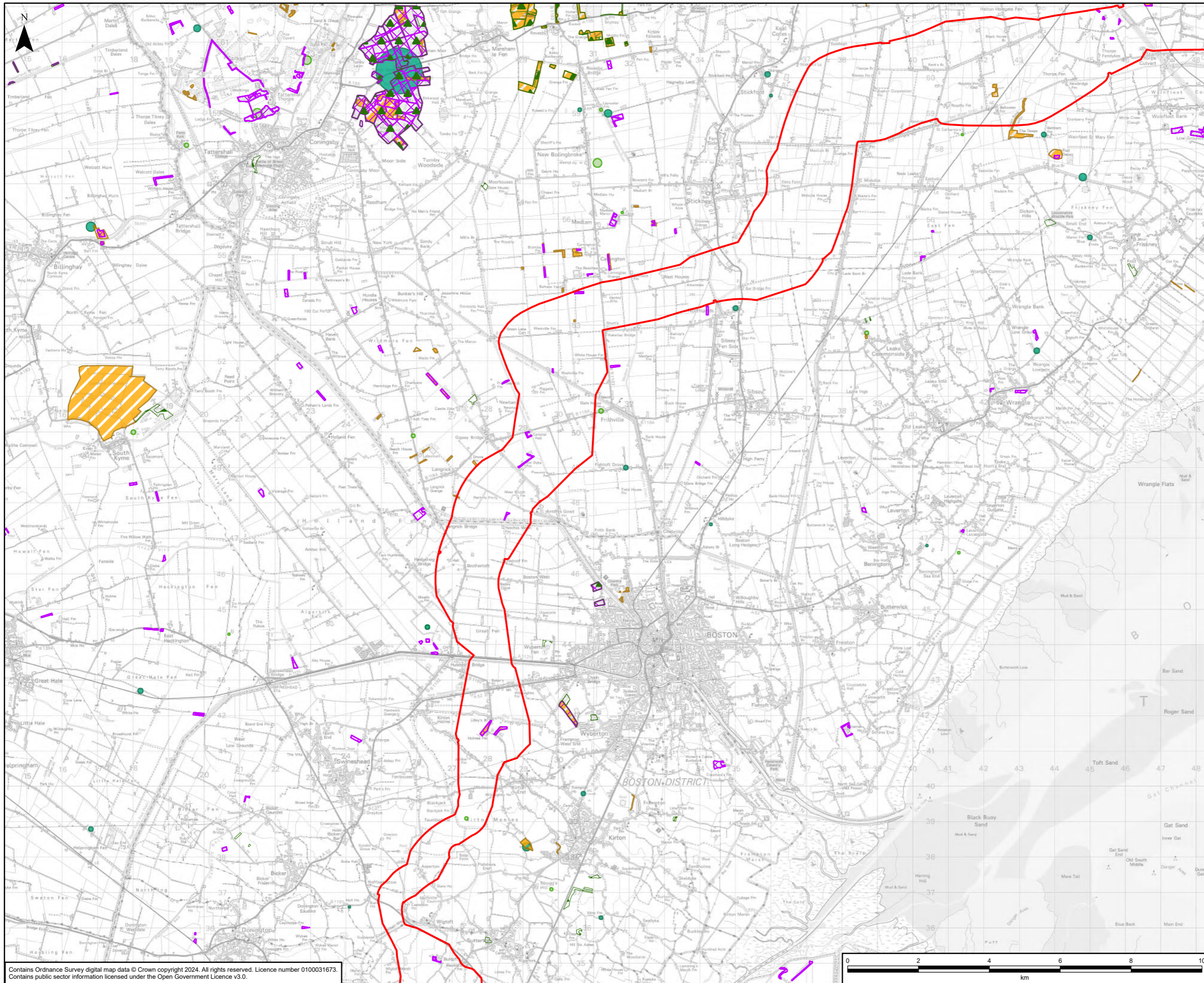
- Legend**
- Scoping Boundary
  - Route Section Break
  - Woodland Grant Scheme 1
  - Woodland Grant Scheme 2
  - Woodland Grant Scheme 3
  - Felling License Agreement
  - English Woodland Grant Scheme Boundary

A	05/07/2024	First Issue	LC	BL	DR
Rev	Date	Description	GIS	Chk	App

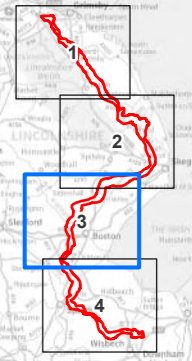
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LC	05/07/2024	BL	05/07/2024	DR	05/07/2024
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:100,000	A3	2 OF 4	A	

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GRIMSBY TO WALPOLE LEGEND



- Legend**
- Scoping Boundary
  - Woodland Grant Scheme 1
  - Woodland Grant Scheme 2
  - Woodland Grant Scheme 3
  - Felling License Agreement
  - English Woodland Grant Scheme Boundary

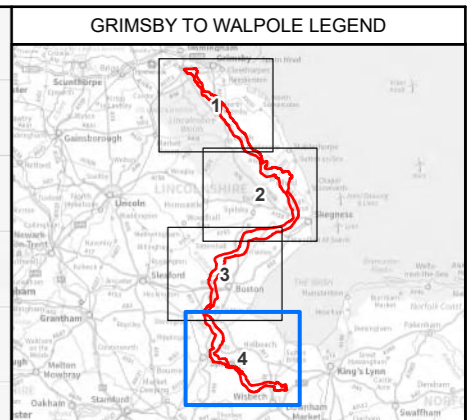
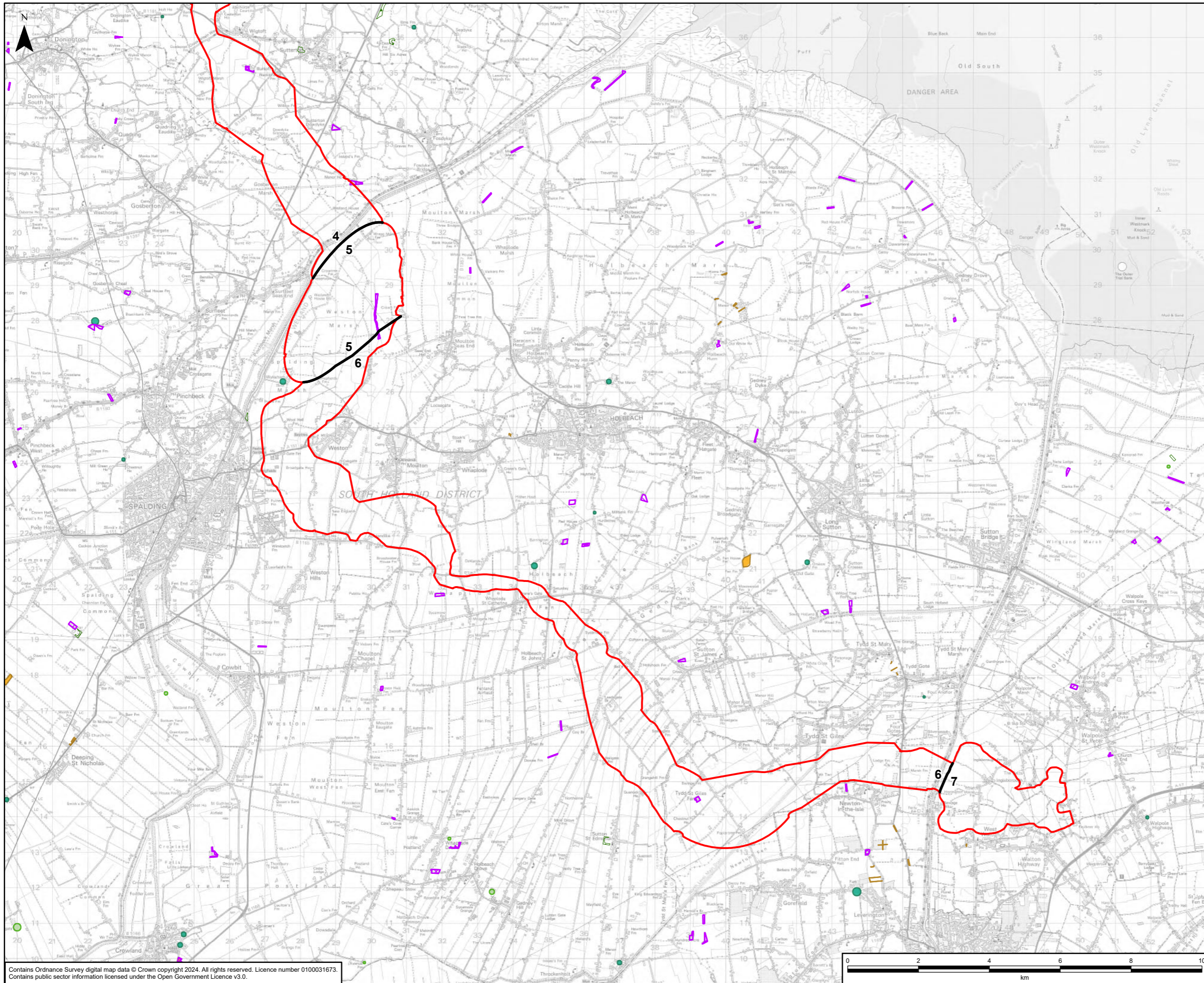
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FIGURE	1:100,000	A3	3 OF 4	A							

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**Legend**

- Scoping Boundary
- Route Section Break
- Woodland Grant Scheme 1
- Woodland Grant Scheme 2
- Woodland Grant Scheme 3
- Felling License Agreement
- English Woodland Grant Scheme Boundary

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Rev	Date	Description	GIS	Chk	App

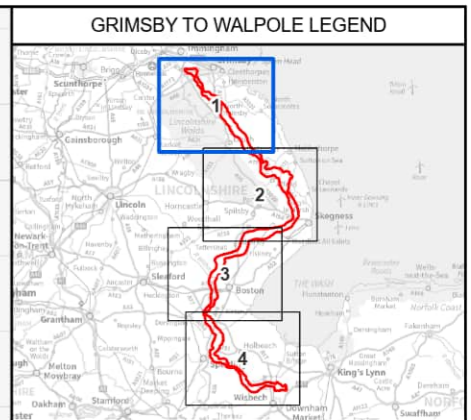
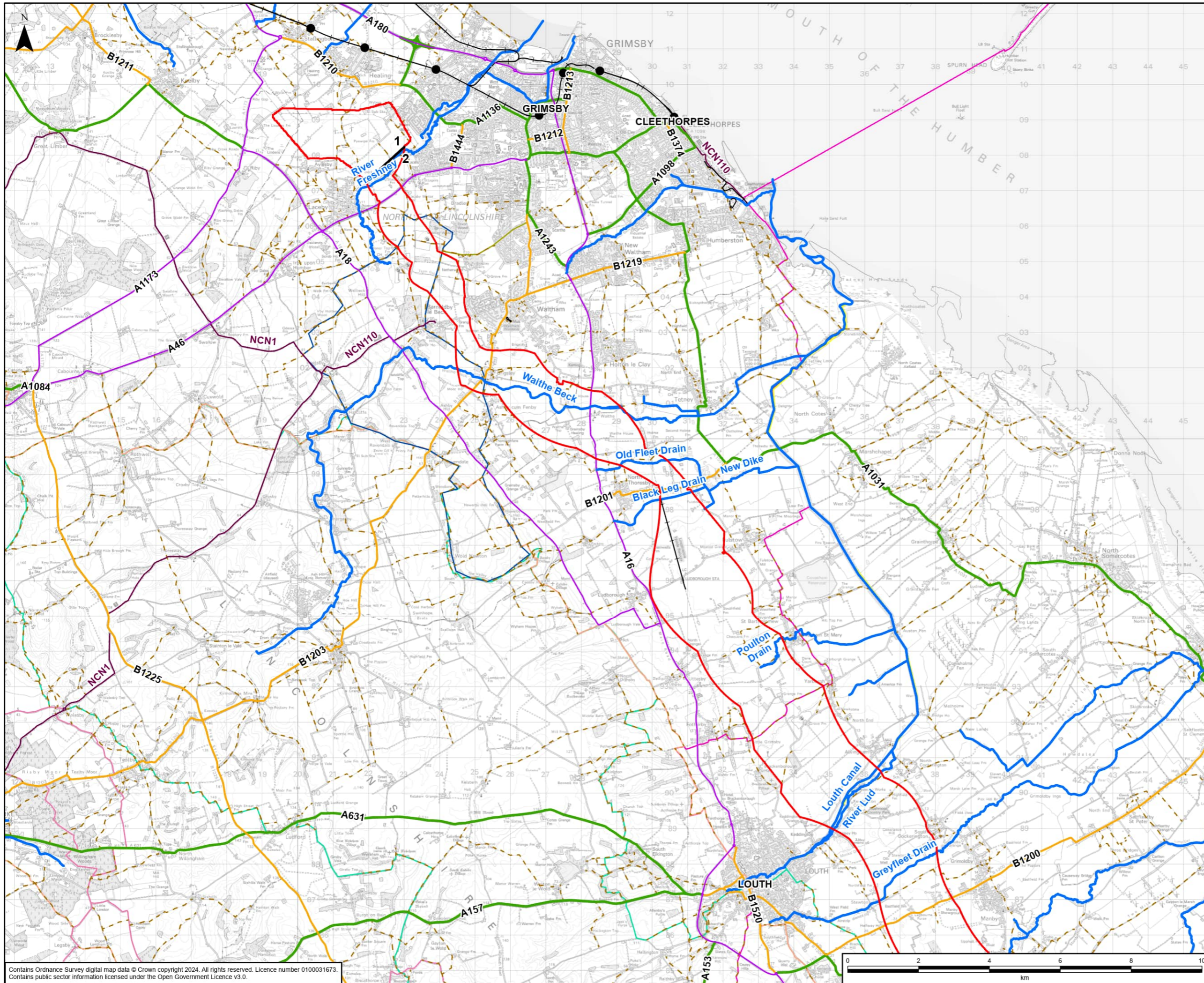
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# Figures 13.1 to 13.2



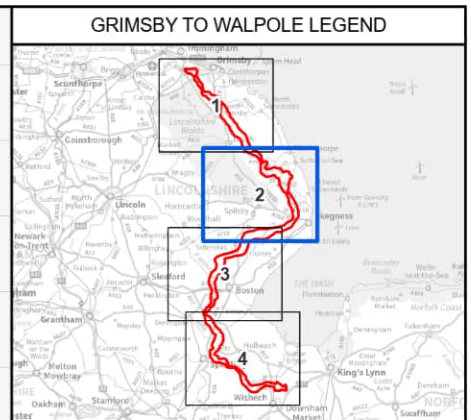
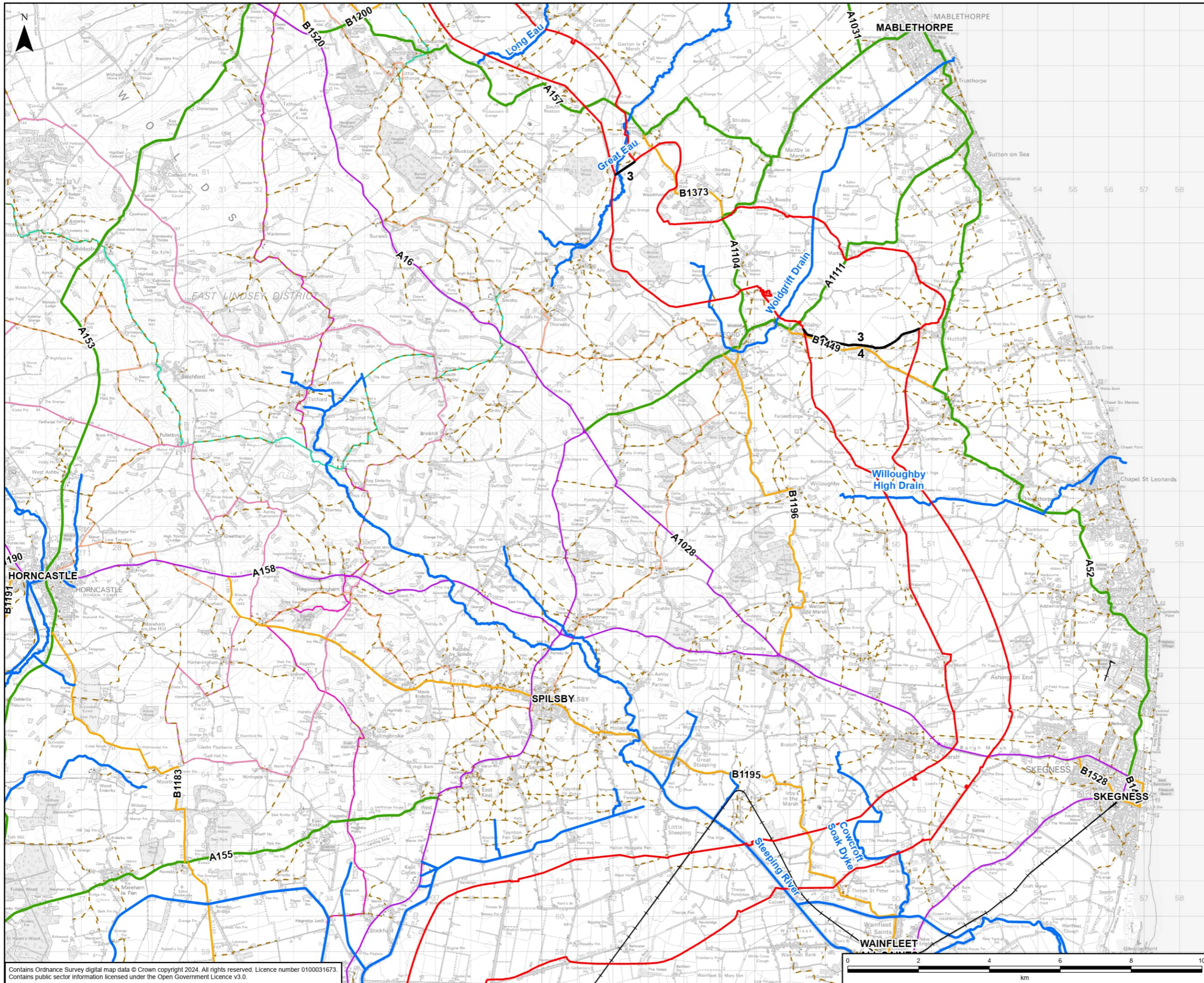


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Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	27/06/2024	JH	27/06/2024	NM	27/06/2024
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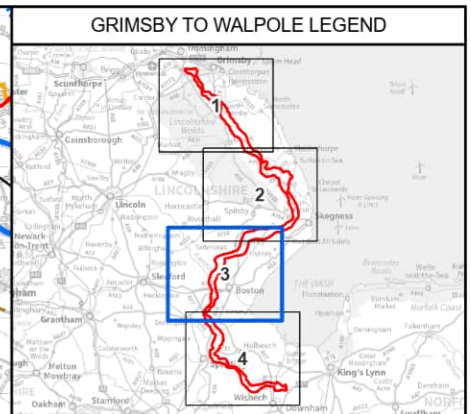
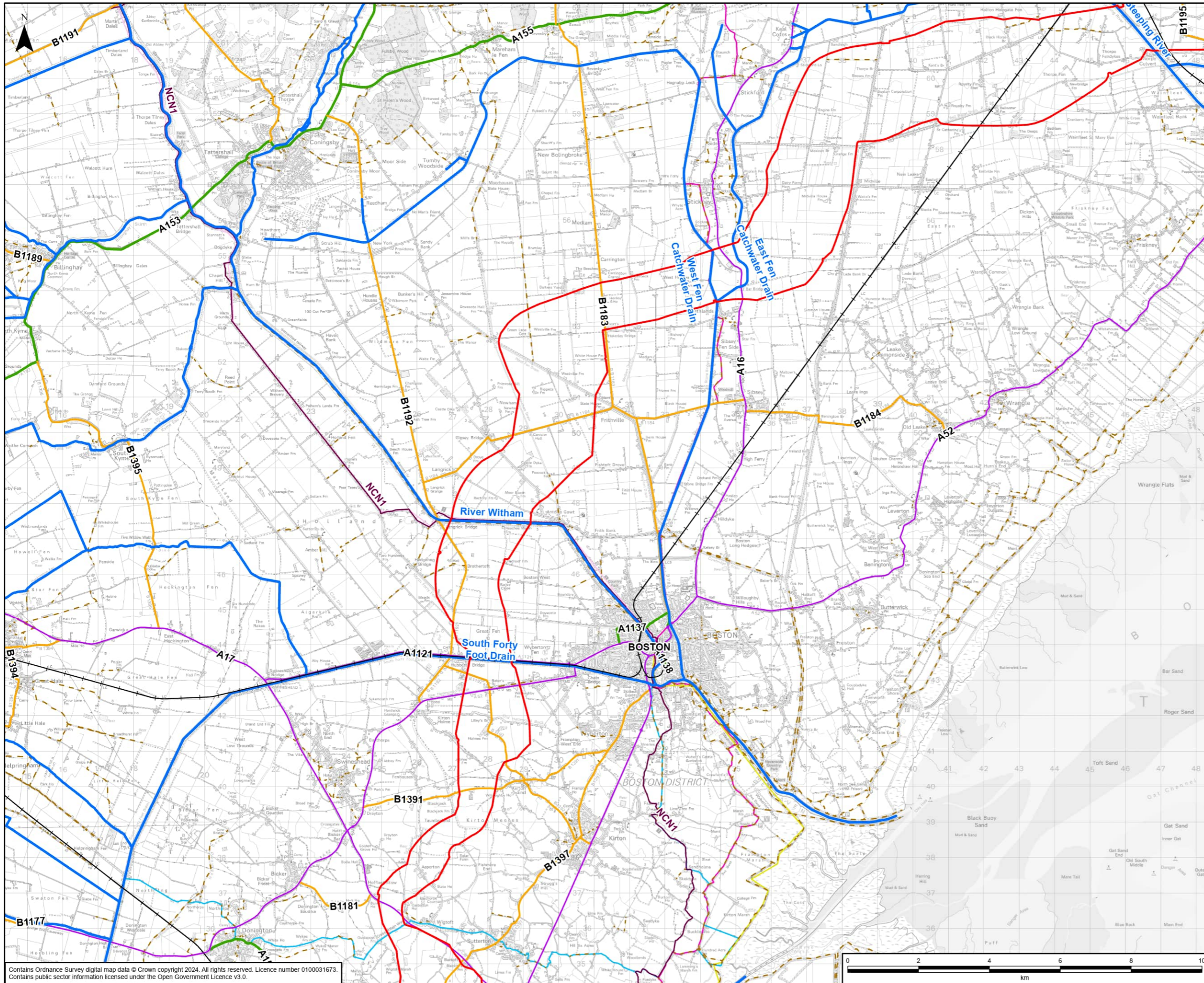
- Legend**
- ▭ Scoping Boundary
  - Route Section Break
  - Railway Track
  - EA Main River
  - - - Public Rights of Way (PRoW)
  - Highways Link**
  - A Road
  - B Road
  - Primary Road
  - Recreational Route**
  - Greenwich Meridian Trail
  - Lincolnshire Wolds Way
  - Lindsey Loop
  - Lindsey Trail

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Rev	Date	Description	GIS	Chk	App

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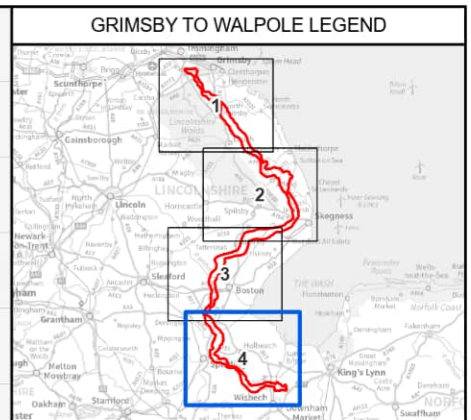
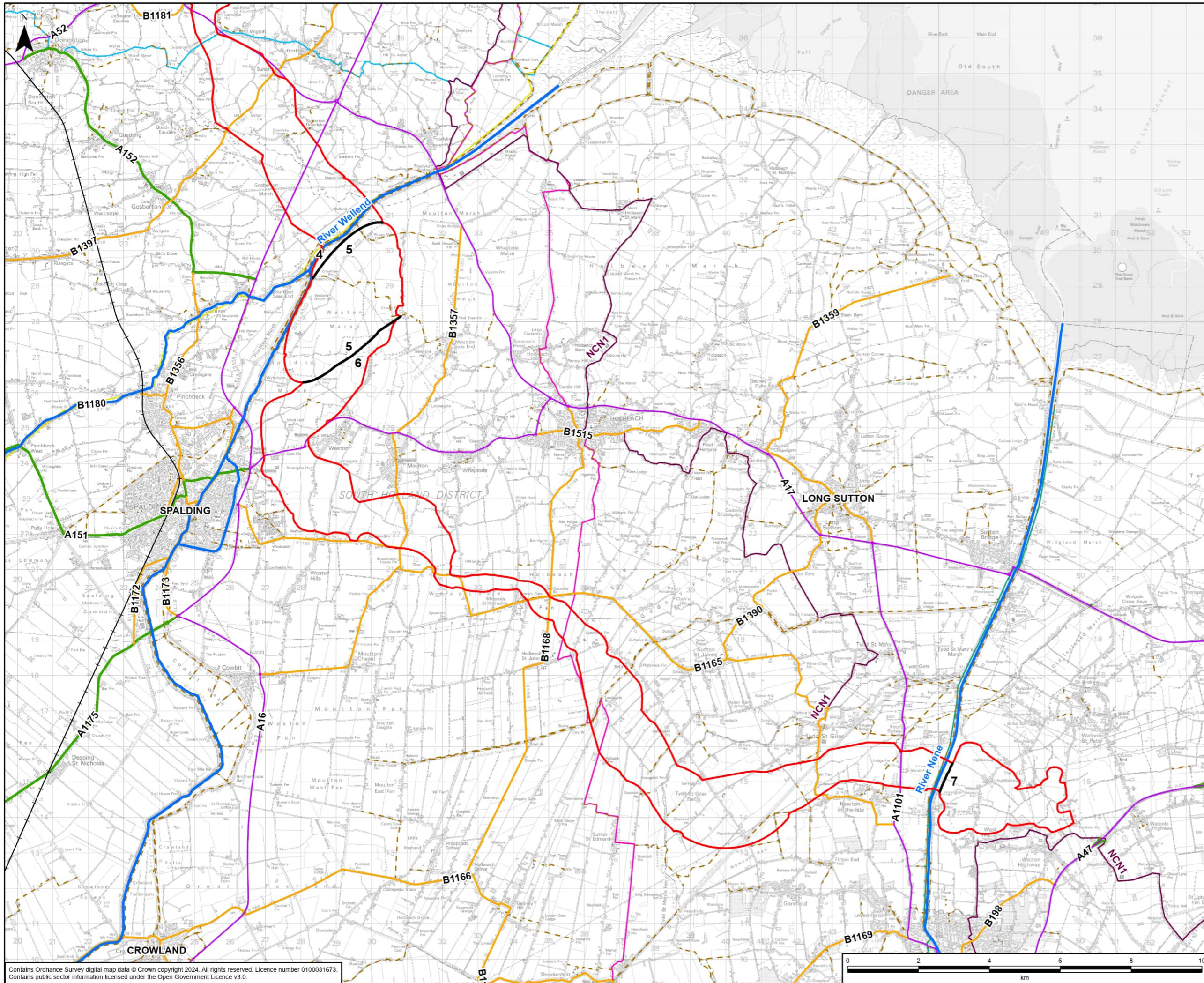
- GRIMSBY TO WALPOLE LEGEND**
- ▭ Scoping Boundary
  - Railway Track
  - ▬ EA Main River
  - - - Public Rights of Way (PRoW)
  - Highways Link**
  - ▬ A Road
  - ▬ B Road
  - ▬ Primary Road
  - Recreational Route**
  - ▬ Cross Britian Way
  - ▬ Greenwich Meridian Trail
  - ▬ MacMillan Way
  - ▬ Water Rail Way
  - ▬ National Cycle Network

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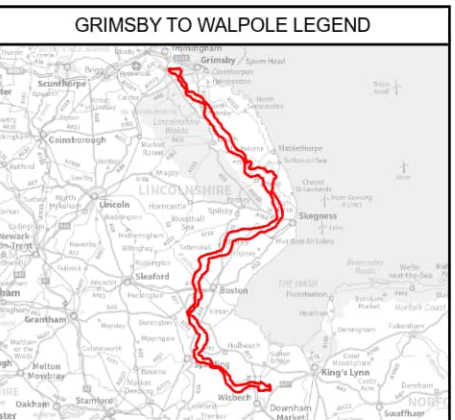
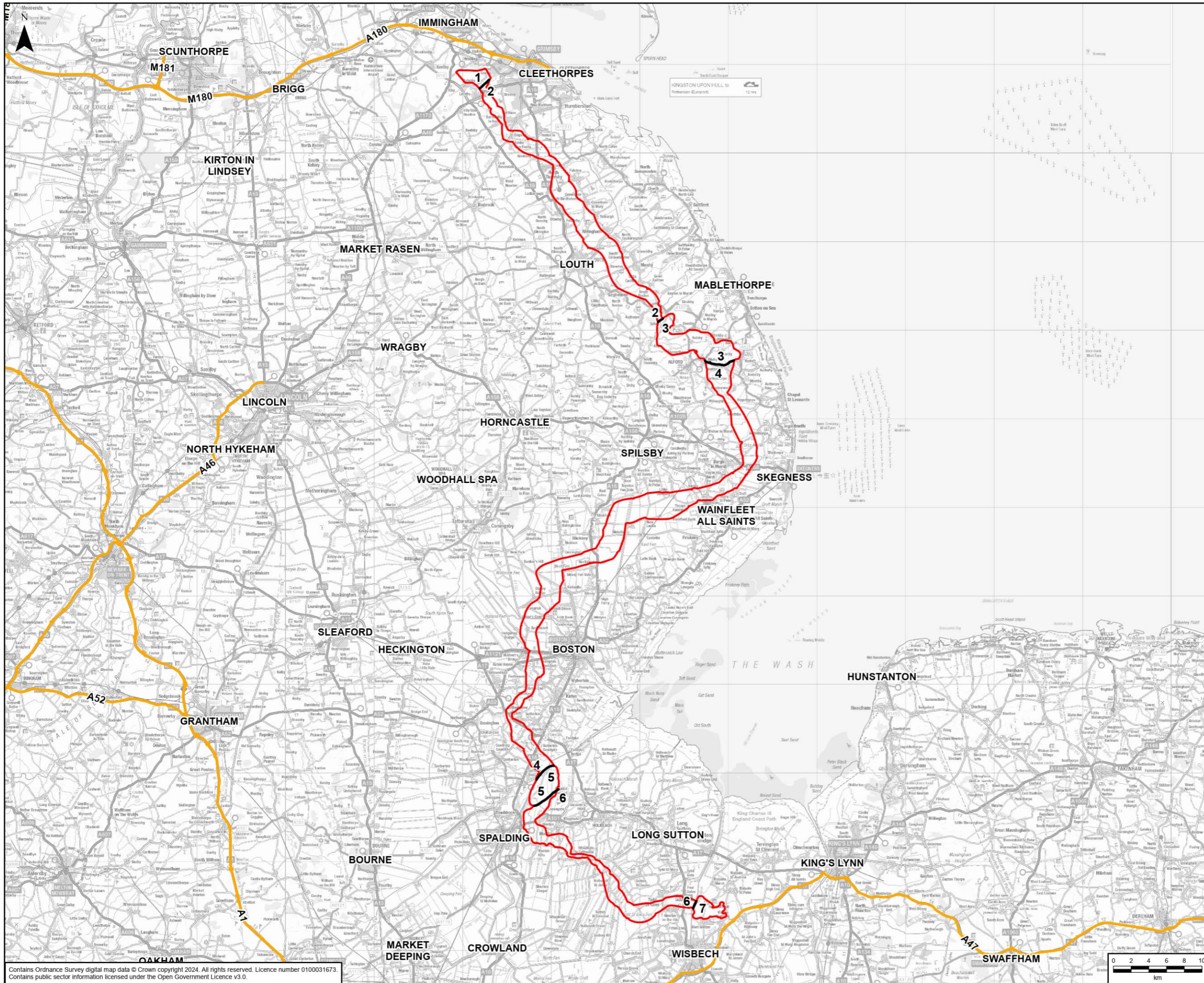
- Legend**
- ▭ Scoping Boundary
  - Route Section Break
  - Railway Track
  - EA Main River
  - - - Public Rights of Way (PRoW)
  - Highways Link**
  - A Road
  - B Road
  - Primary Road
  - Recreational Route**
  - Cross Britain Way
  - Greenwich Meridian Trail
  - MacMillan Way
  - Nene Way
  - National Cycle Network

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**Legend**

- Scoping Boundary
- Route Section Break
- Strategic Road Network

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Purpose: SCOPING REPORT

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Document Title: FIGURE 13.2 STRATEGIC ROAD NETWORK

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LC	27/06/2024	JH	27/06/2024	NM	27/06/2024

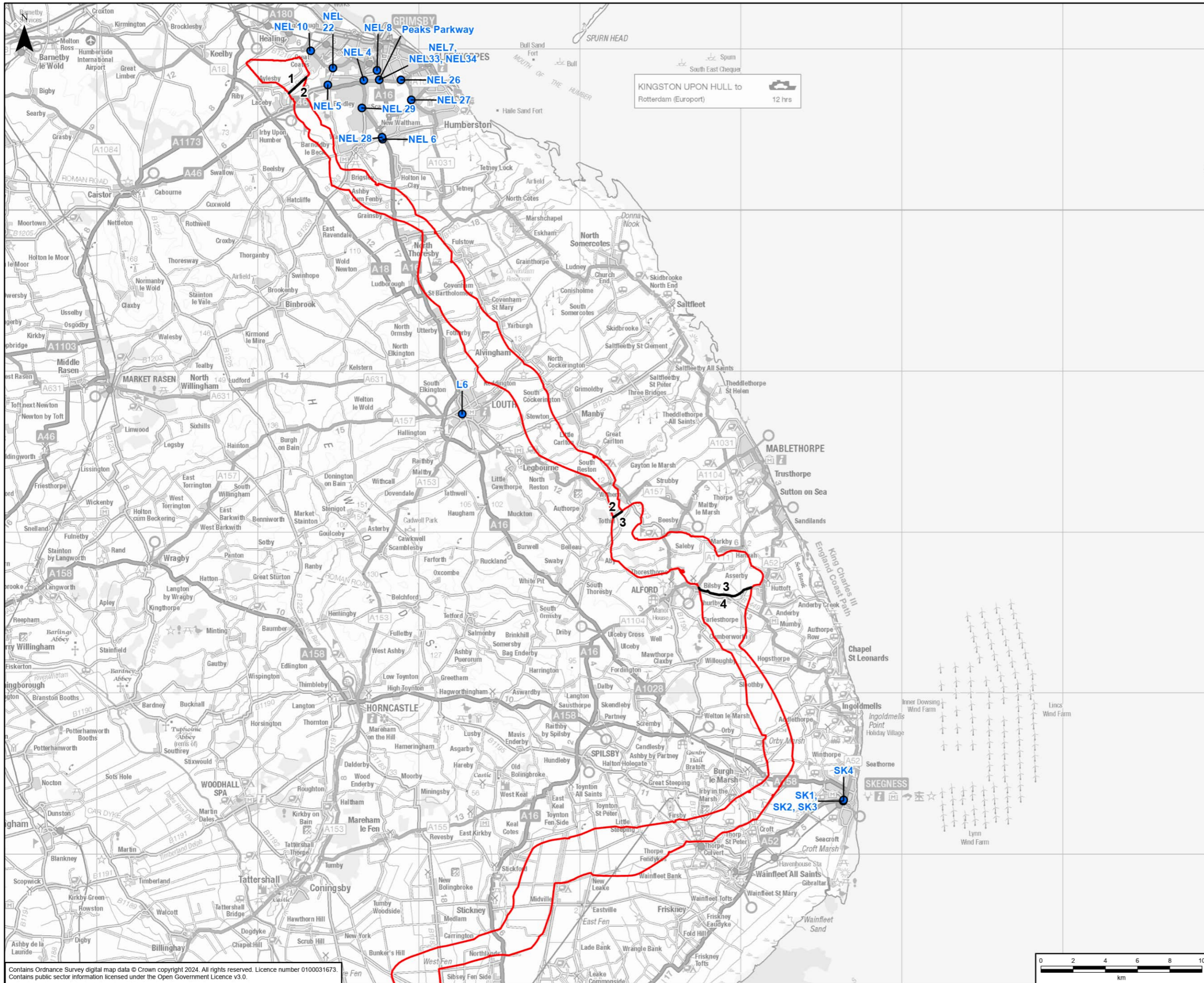
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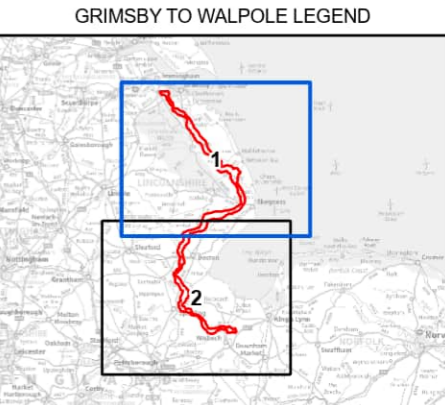


# Figures 14.1 to 14.2





KINGSTON UPON HULL to Rotterdam (Europort)  
12 hrs



- Legend
- ▭ Scoping Boundary
  - ▬ Route Section Break
  - Air Quality Monitoring Location

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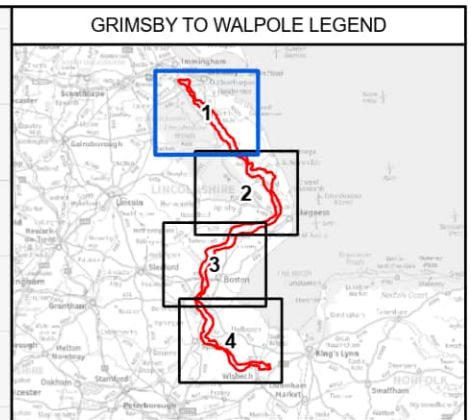
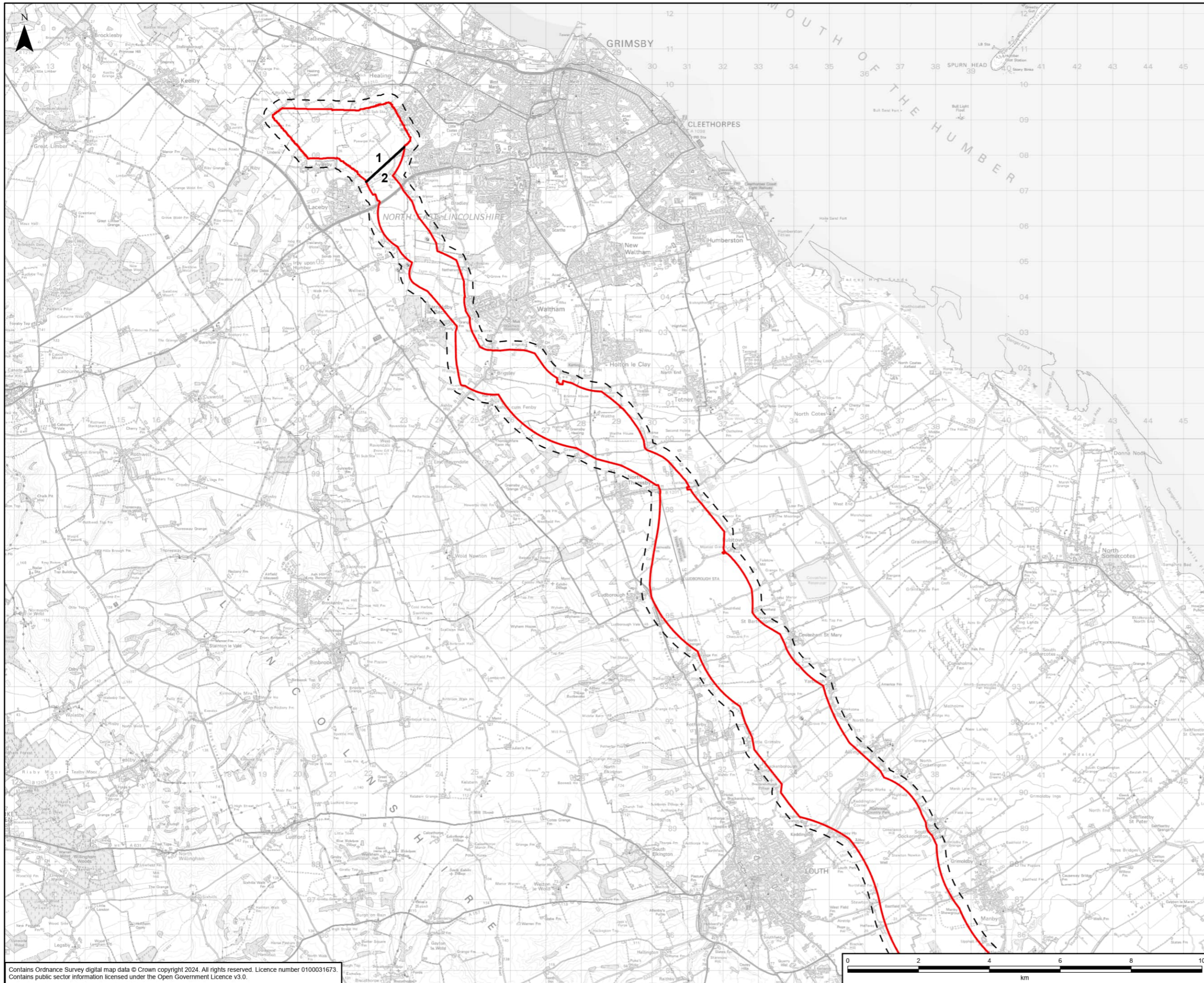
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**Legend**  
▭ Scoping Boundary  
 Route Section Break  
 250m Study Area

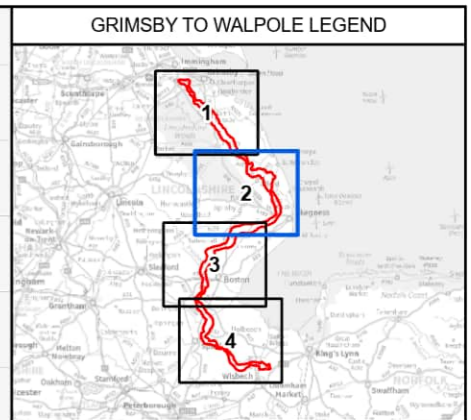
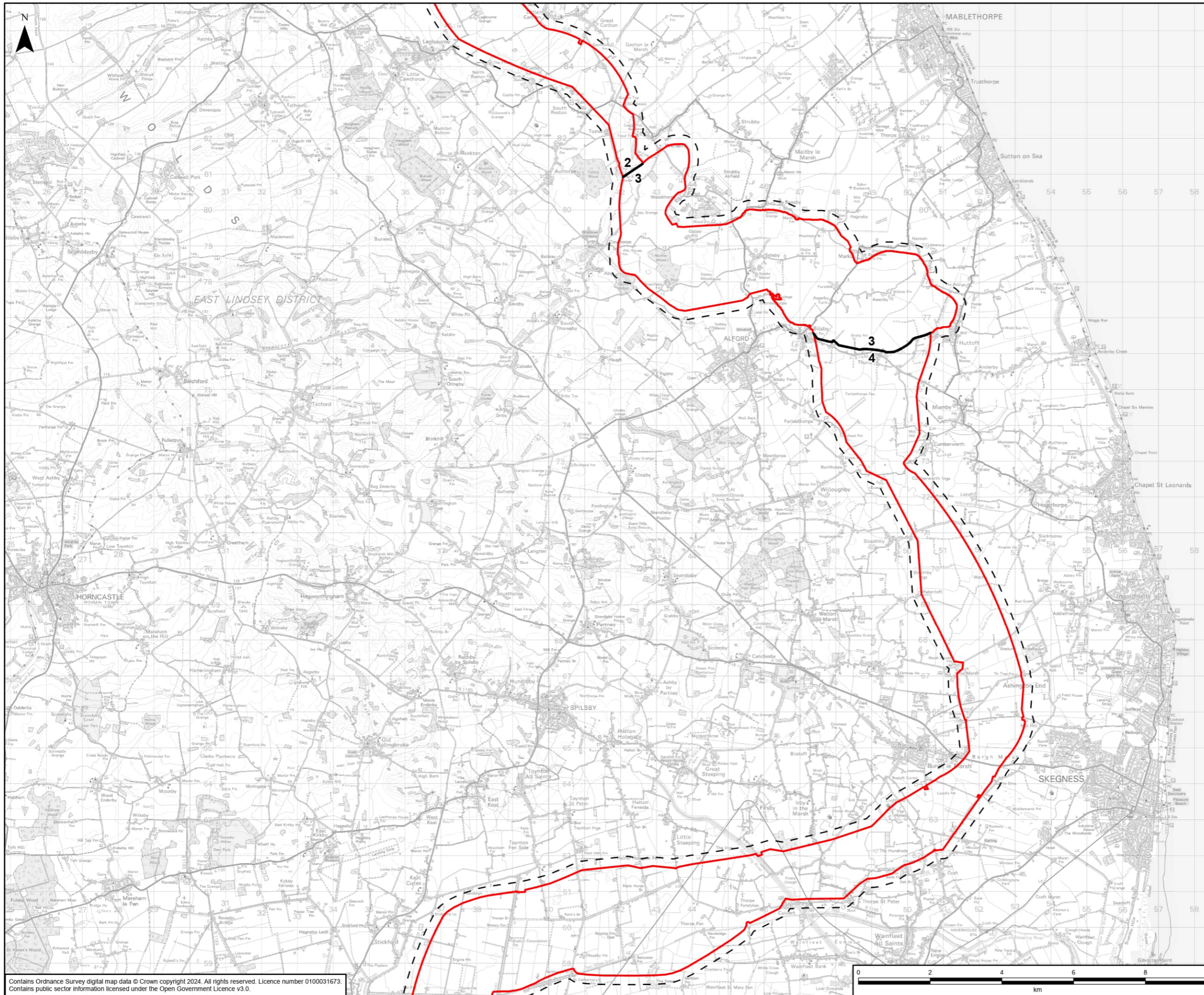
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Creator: LC	Date: 27/06/2024	Checker: AL	Date: 27/06/2024	Approver: NM	Date: 27/06/2024
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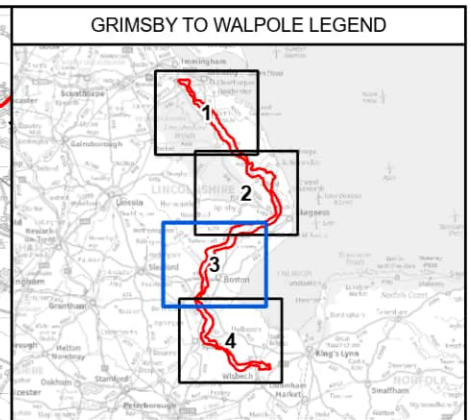
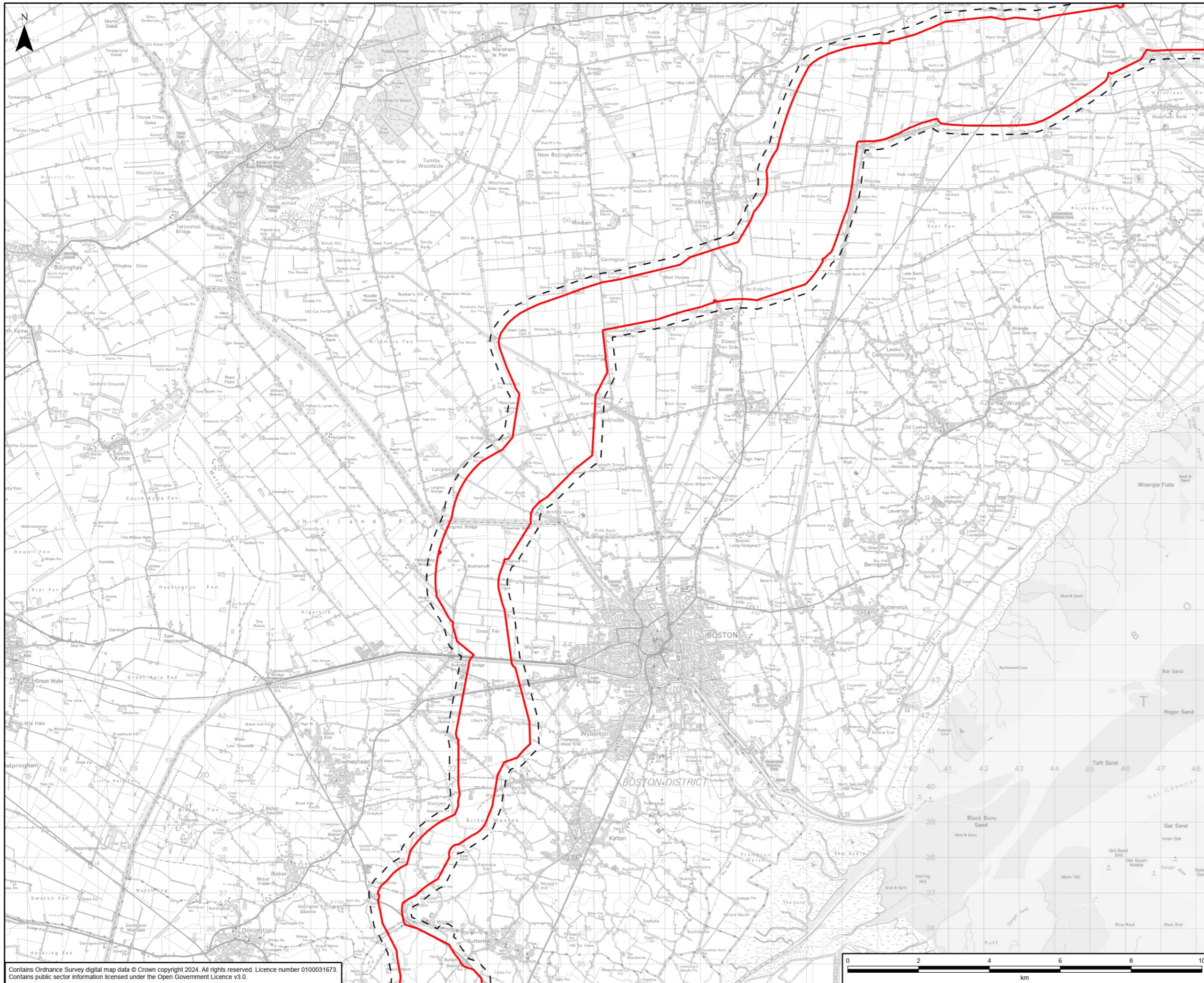
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- - - 250m Study Area

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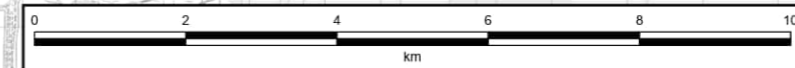
**GRIMSBY TO WALPOLE LEGEND**

Legend

Scoping Boundary

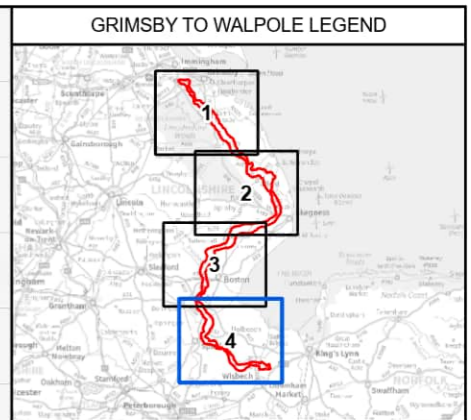
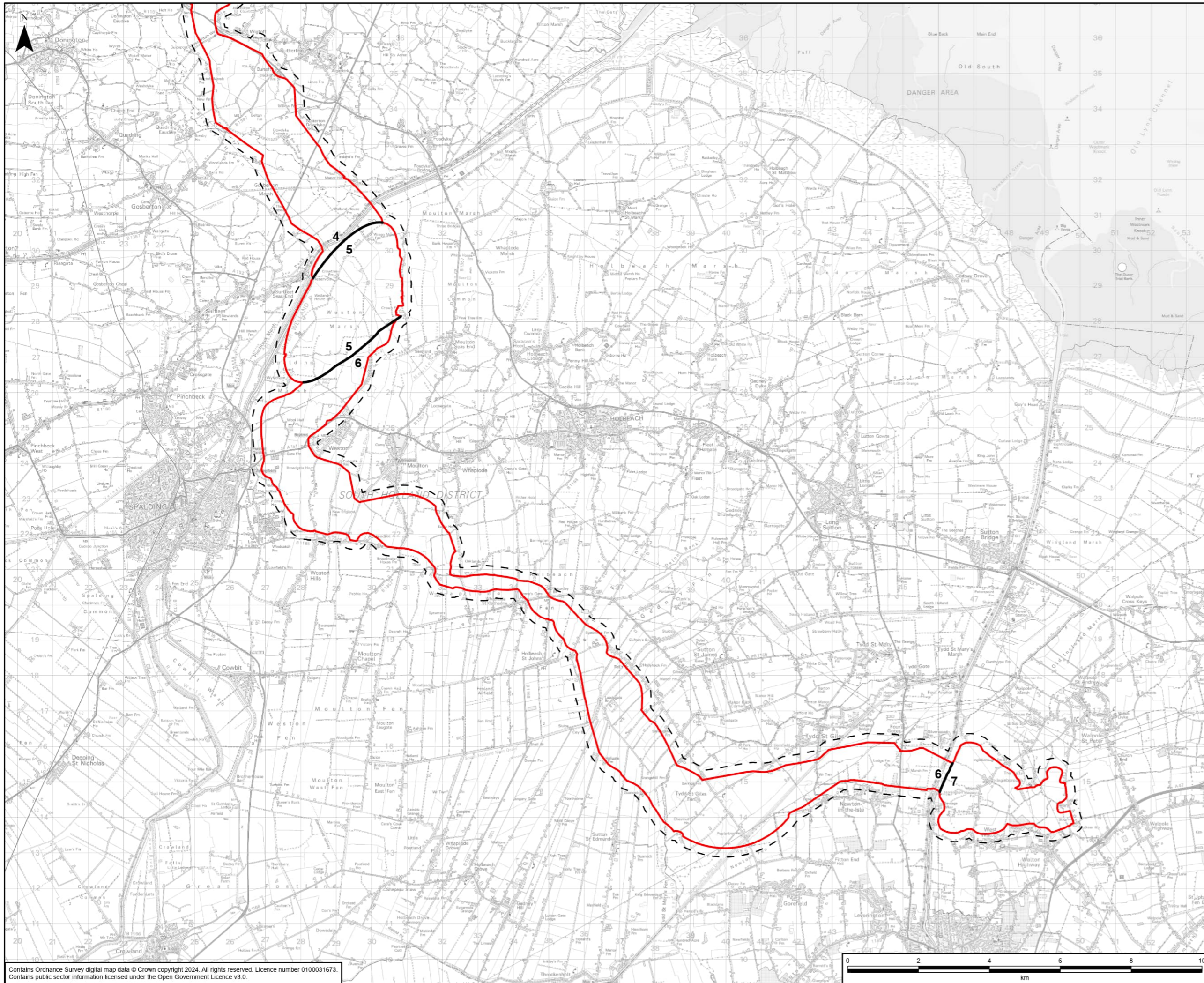
250m Study Area

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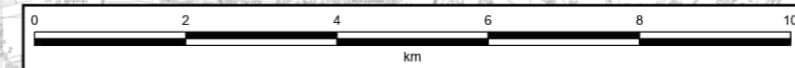
**GRIMSBY TO WALPOLE LEGEND**

— Scoping Boundary  
— Route Section Break  
  250m Study Area

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