

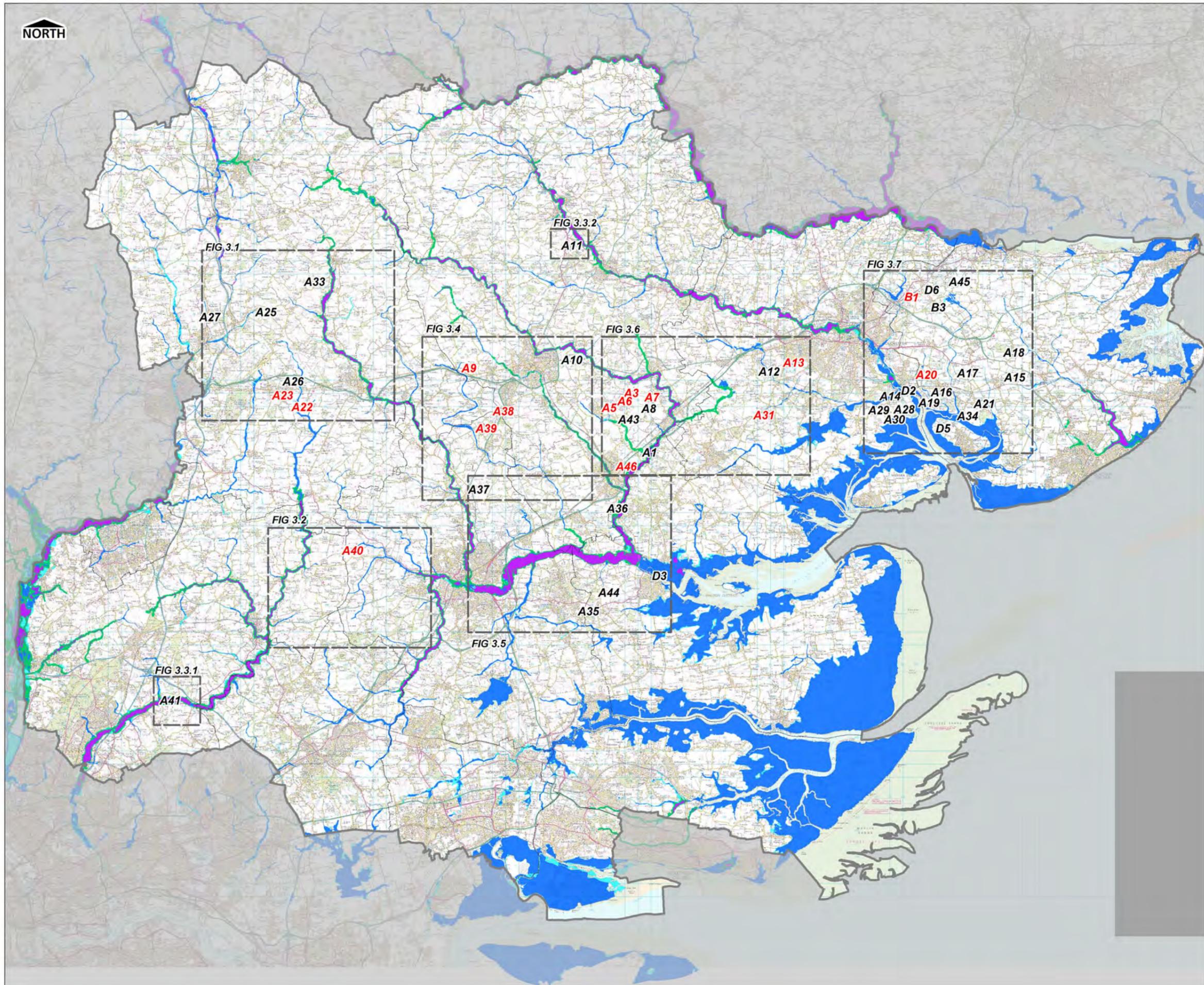
**APPENDIX B OVERVIEW FIGURES**

<b>Figure 1</b>	Essex County Study Area
<b>Figure 2</b>	Main Rivers
<b>Figure 3.0 – 3.7</b>	EA Flood Zones
<b>Figure 4.0 – 4.7</b>	EA Flood Map for Surface Water (FMfSW)
<b>Figure 5</b>	Geology
<b>Figure 6.0 – 6.7</b>	Groundwater Vulnerability & Source Protection Zones
<b>Figure 7.0 – 7.7</b>	EA Areas Susceptible to Groundwater Flooding (AStGWF)
<b>Figure 8</b>	Sewer Flooding Records
<b>Figure 9</b>	Flood Warning Areas
<b>Figure 10</b>	Local Flood Risk Management Strategy: Flood Risk Areas

**Minerals Sites**

Site Ref	Site Name	Figure 3 Fluvial & Tidal Flood Zones	Figure 4 Flood Map for Surface Water	Figure 7 Areas Susceptible to Groundwater Flooding	Mapped in Appendix C
A1	Coleman's Farm, Little Braxted Lane, Witham	Figure 3.6	Figure 4.6	Figure 7.6	✓
A2	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A3	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A4	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A5	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	✘
A6	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A7	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A8	Bradwell Quarry, Rivenhall Airfield	Figure 3.6	Figure 4.6	Figure 7.6	
A9	Broadfields Farm, Rayne	Figure 3.4	Figure 4.4	Figure 7.4	✓
A10	Covenbrook Hall Farm, Stisted	Figure 3.4	Figure 4.4	Figure 7.4	
A11		Figure 3.3.1	Figure 4.3.1	Figure 7.3.1	✘
A12	Bellhouse Farm South	Figure 3.6	Figure 4.6	Figure 7.6	
A13	Fiveways Fruit Farm	Figure 3.6	Figure 4.6	Figure 7.6	
A15	Admirals Fm, Great Bentley	Figure 3.7	Figure 4.7	Figure 7.7	
A16	Church Farm, Alresford	Figure 3.7	Figure 4.7	Figure 7.7	
A17	Frating Hall Farm, Frating	Figure 3.7	Figure 4.7	Figure 7.7	
					✓
A19	Lodge Farm, Alresford	Figure 3.7	Figure 4.7	Figure 7.7	
A20	Sunnymead, Elmstead & Heath Farms, Alresford	Figure 3.7	Figure 4.7	Figure 7.7	✓
	Thorrington Hall Farm, Thorrington	Figure 3.7			✓
A22	Little Bullocks Farm, Canfield – Area A	Figure 3.1	Figure 4.1	Figure 7.1	
A23	Little Bullocks Farm, Canfield – Area B	Figure 3.1	Figure 4.1	Figure 7.1	
A25	Elsenham Quarry, Elsenham	Figure 3.1	Figure 4.1	Figure 7.1	✘
					✓
A27	Land at Ugley, Ugley	Figure 3.1	Figure 4.1	Figure 7.1	
A28		Figure 3.7	Figure 4.7	Figure 7.7	✘
A29	30 Acre Field West, Fingringhoe	Figure 3.7	Figure 4.7	Figure 7.7	✘

A30	30 Acre Field South, Fingringhoe	Figure 3.7	Figure 4.7	Figure 7.7	✘
					✓
					✘
A45	Ardleigh Site A	Figure 3.7	Figure 4.7	Figure 7.7	✓
A46	Colemans Farm	Figure 3.6	Figure 4.6	Figure 7.6	✓
B1	Slough Fm, Ardleigh - Area 1	Figure 3.7	Figure 4.7	Figure 7.7	✘
D2	Ballast Quay, Fingringhoe	Figure 3.7	Figure 4.7	Figure 7.7	✓
D3	Sadds Wharf, Maldon	Figure 3.5	Figure 4.5	Figure 7.5	✓
D5	Brightlingsea Quarry Wharf	Figure 3.7	Figure 4.7	Figure 7.7	✓
D6	Ardleigh Transhipment Site	Figure 3.7	Figure 4.7	Figure 7.7	✘



**LEGEND**

- Essex County Boundary
- A123 Non-Selected Site
- A123 Preferred Site

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain

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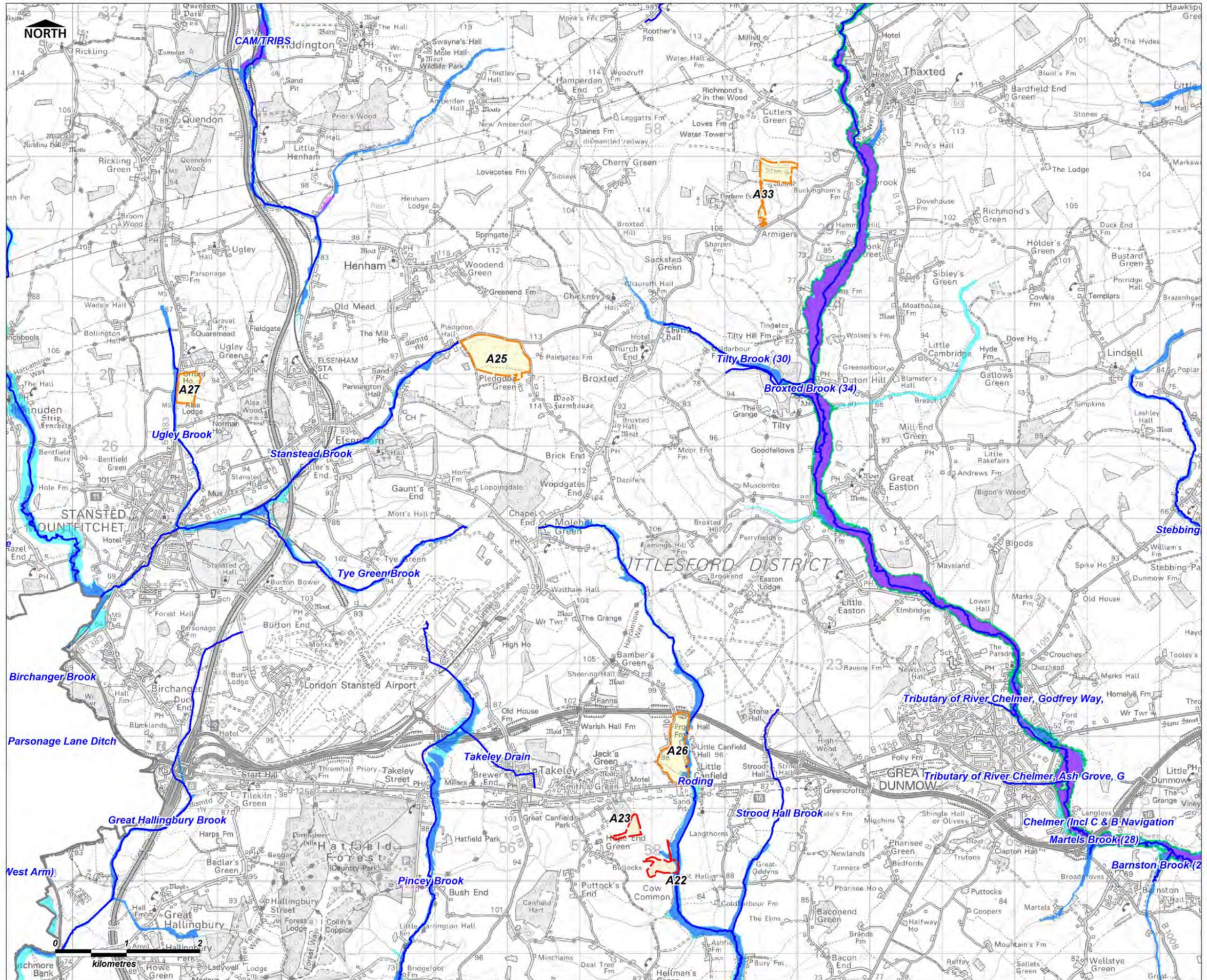
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**FIGURE 3.0**

REV 05



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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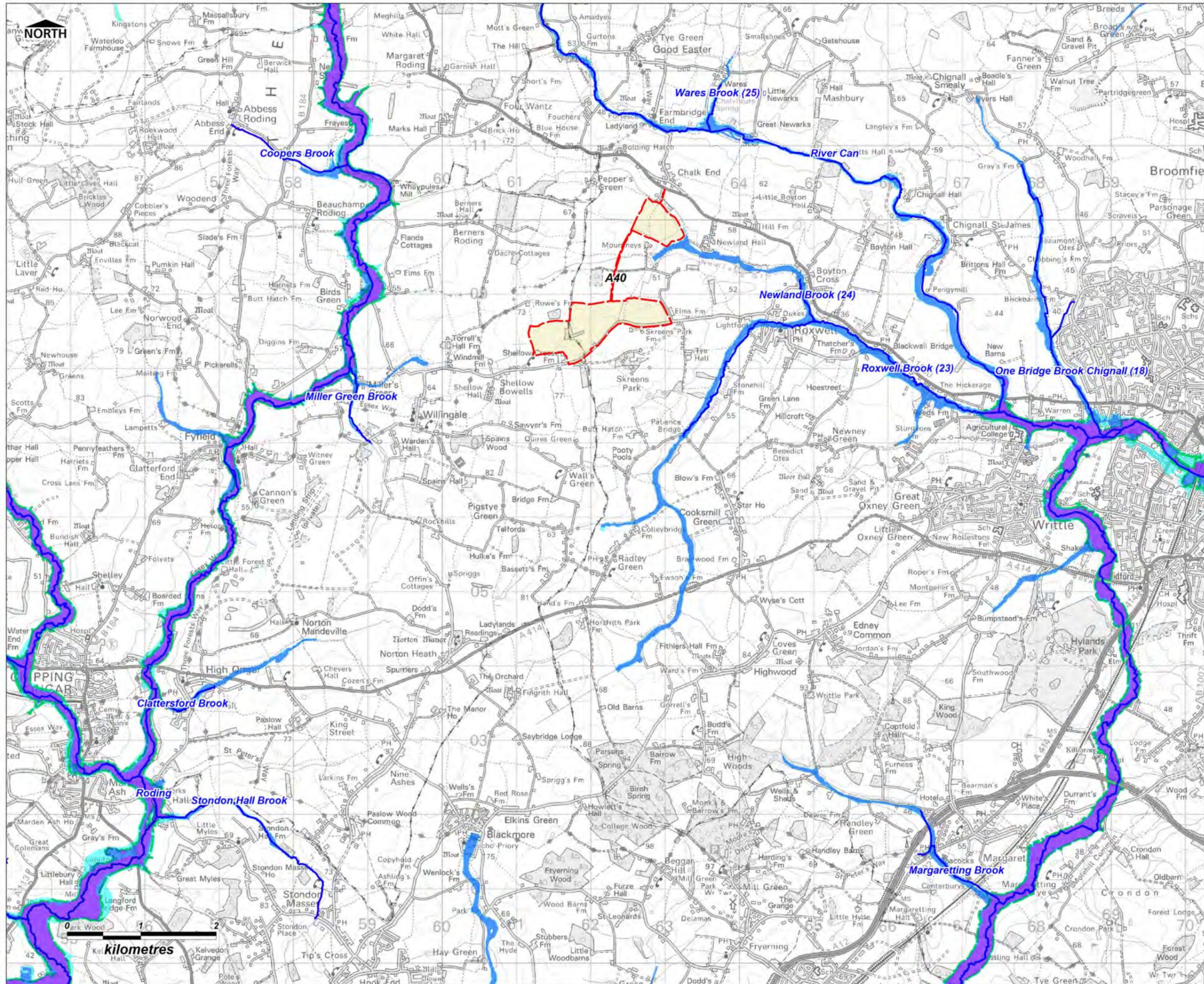
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**FIGURE 3.1**



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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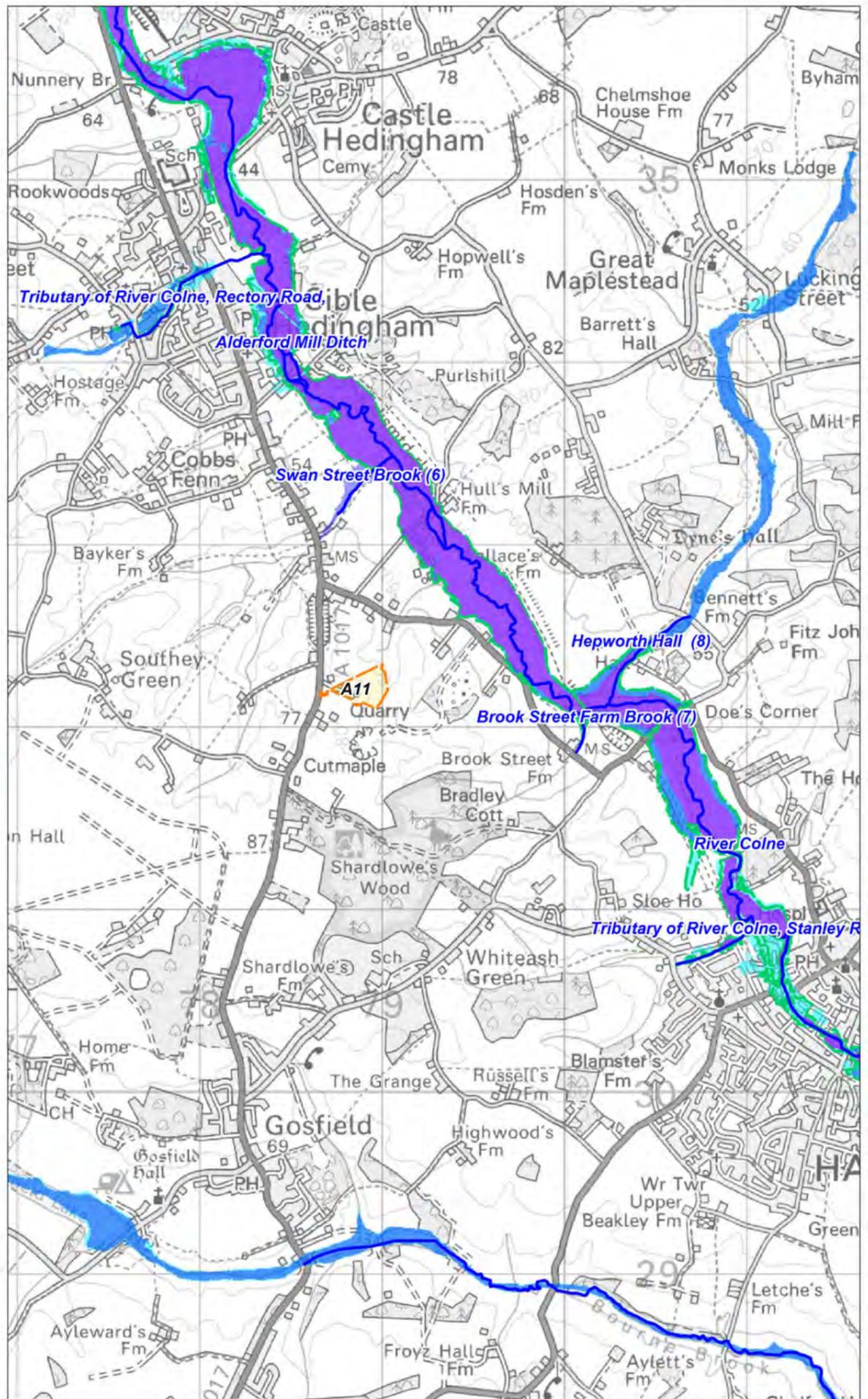
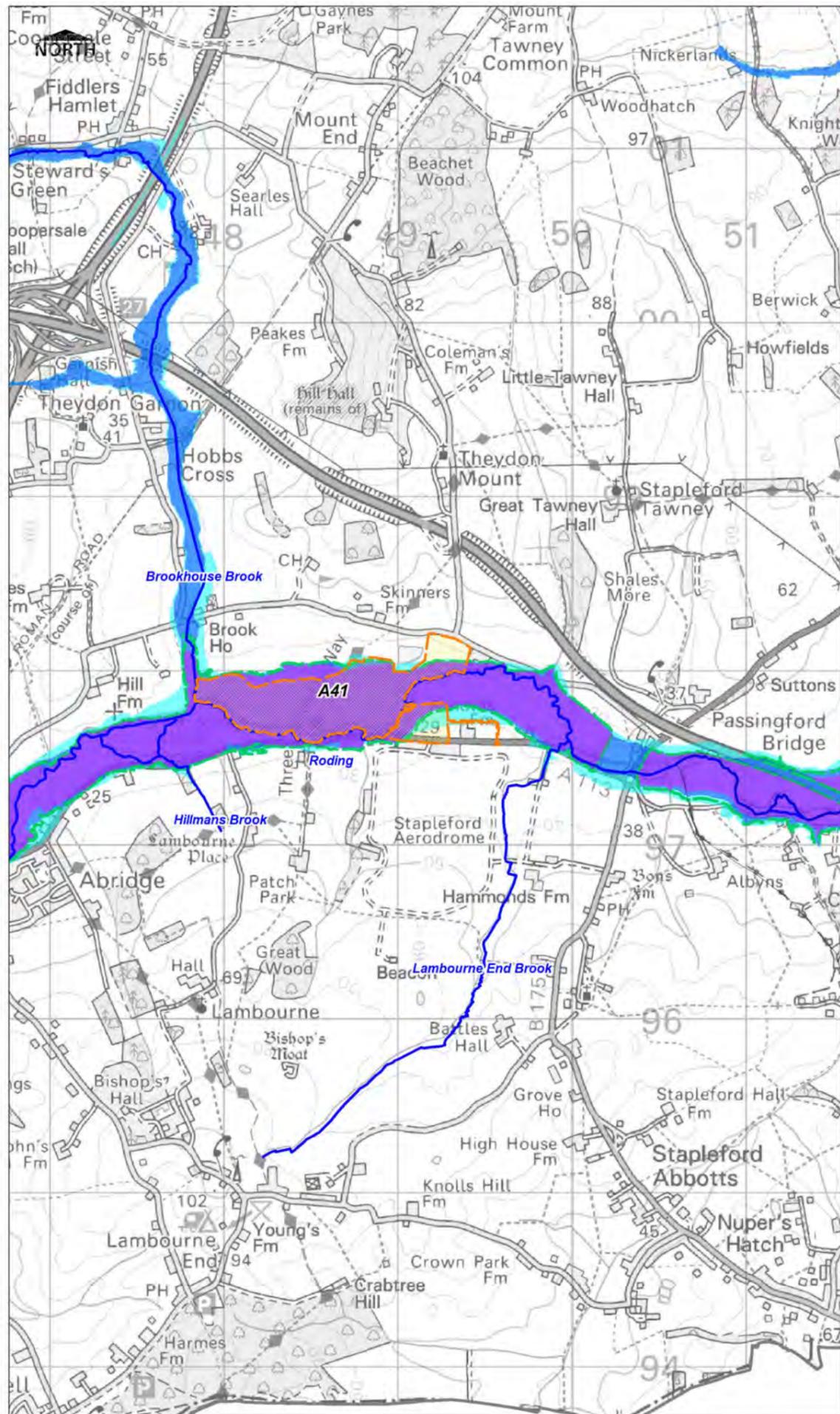
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**FIGURE 3.2**



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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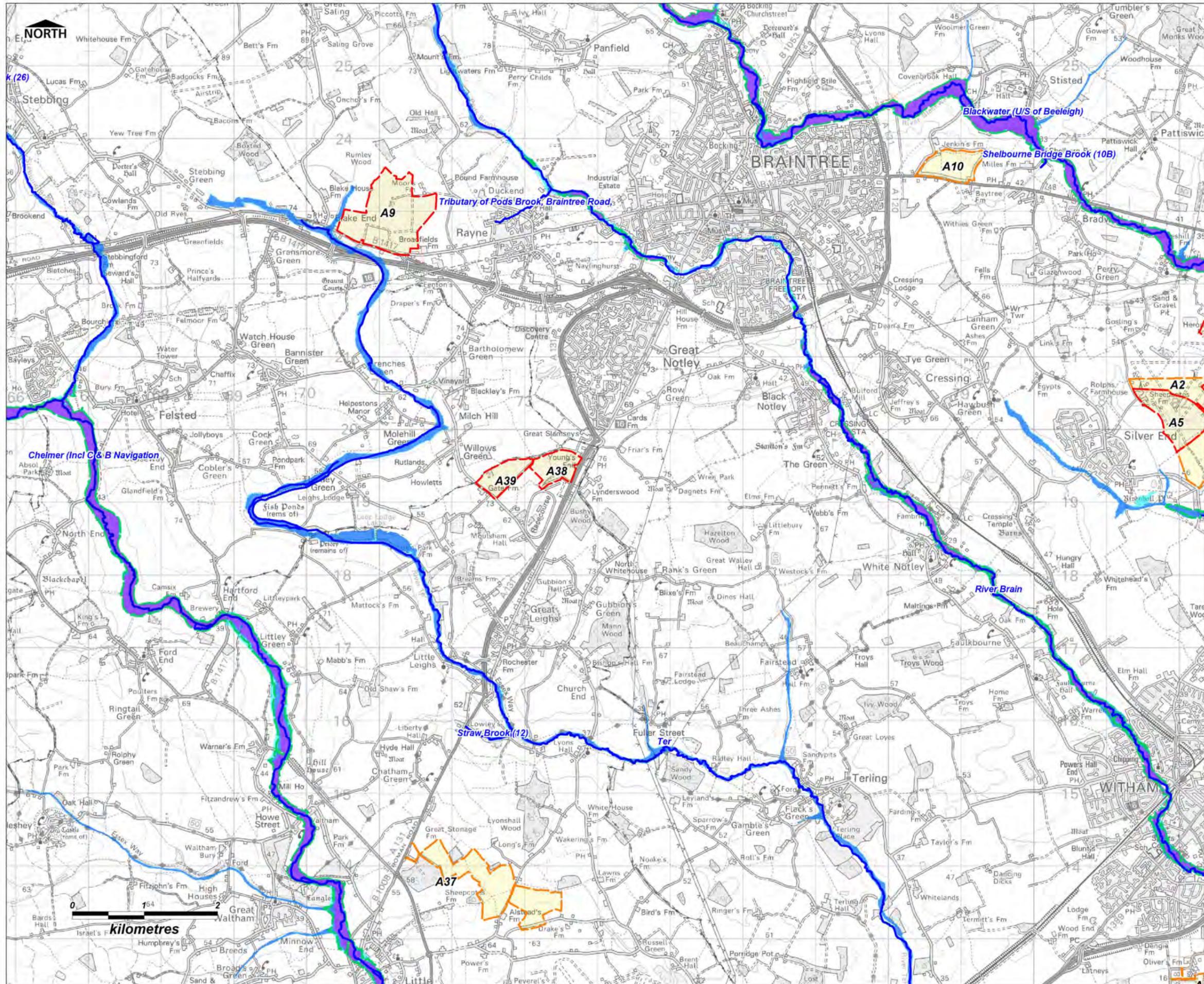
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**FIGURE 3.3**



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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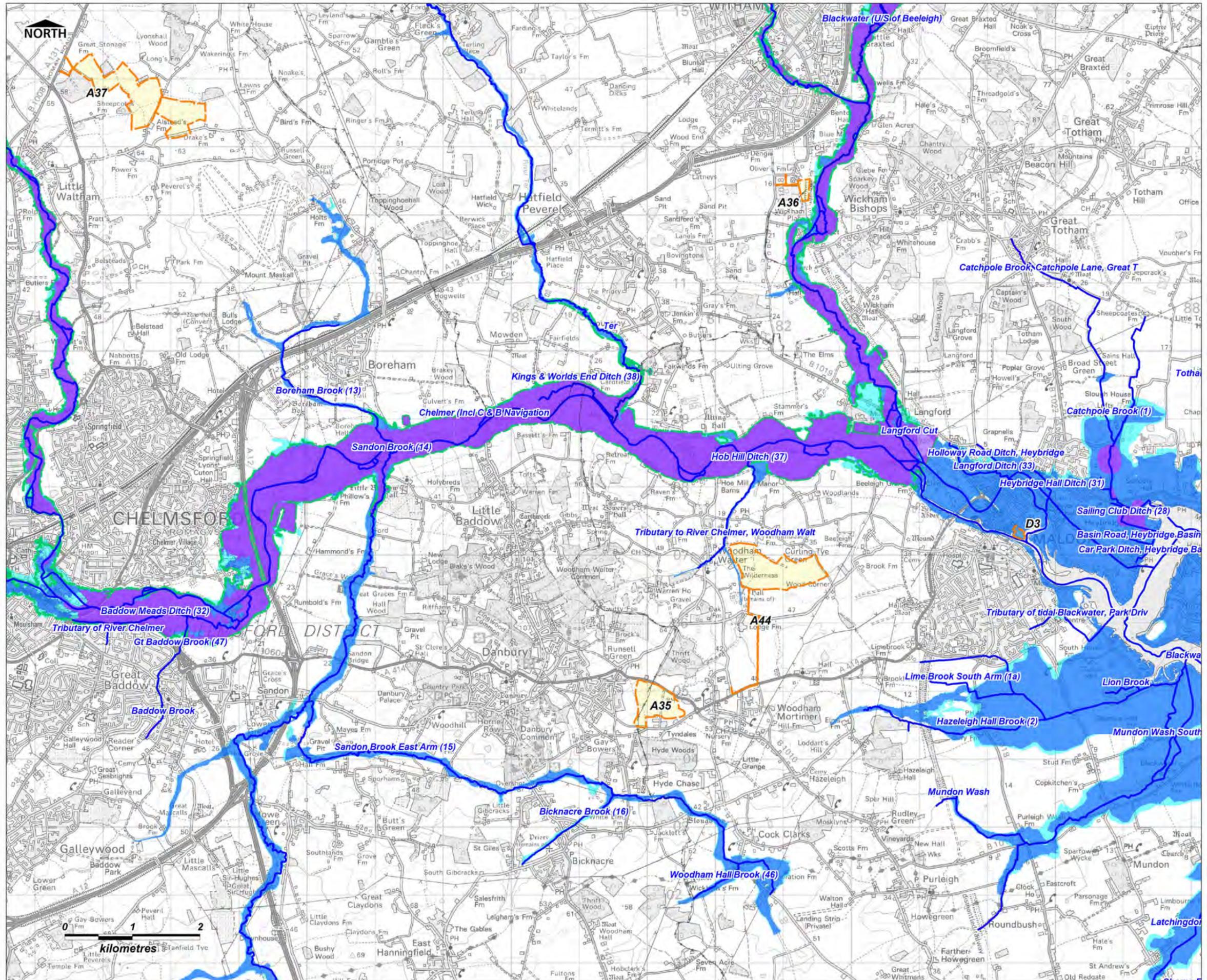
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**FIGURE 3.4**



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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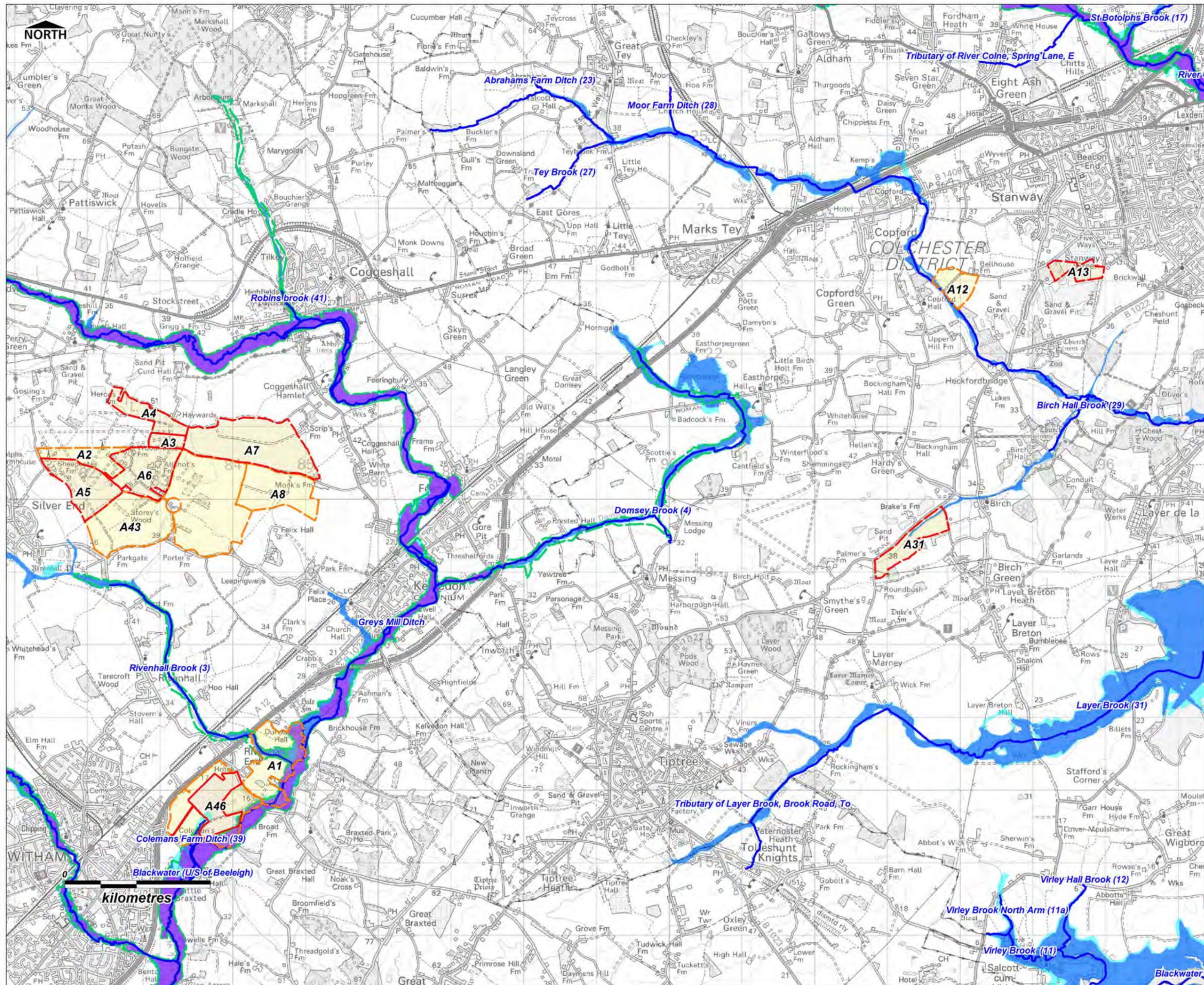
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**FIGURE 3.5**



**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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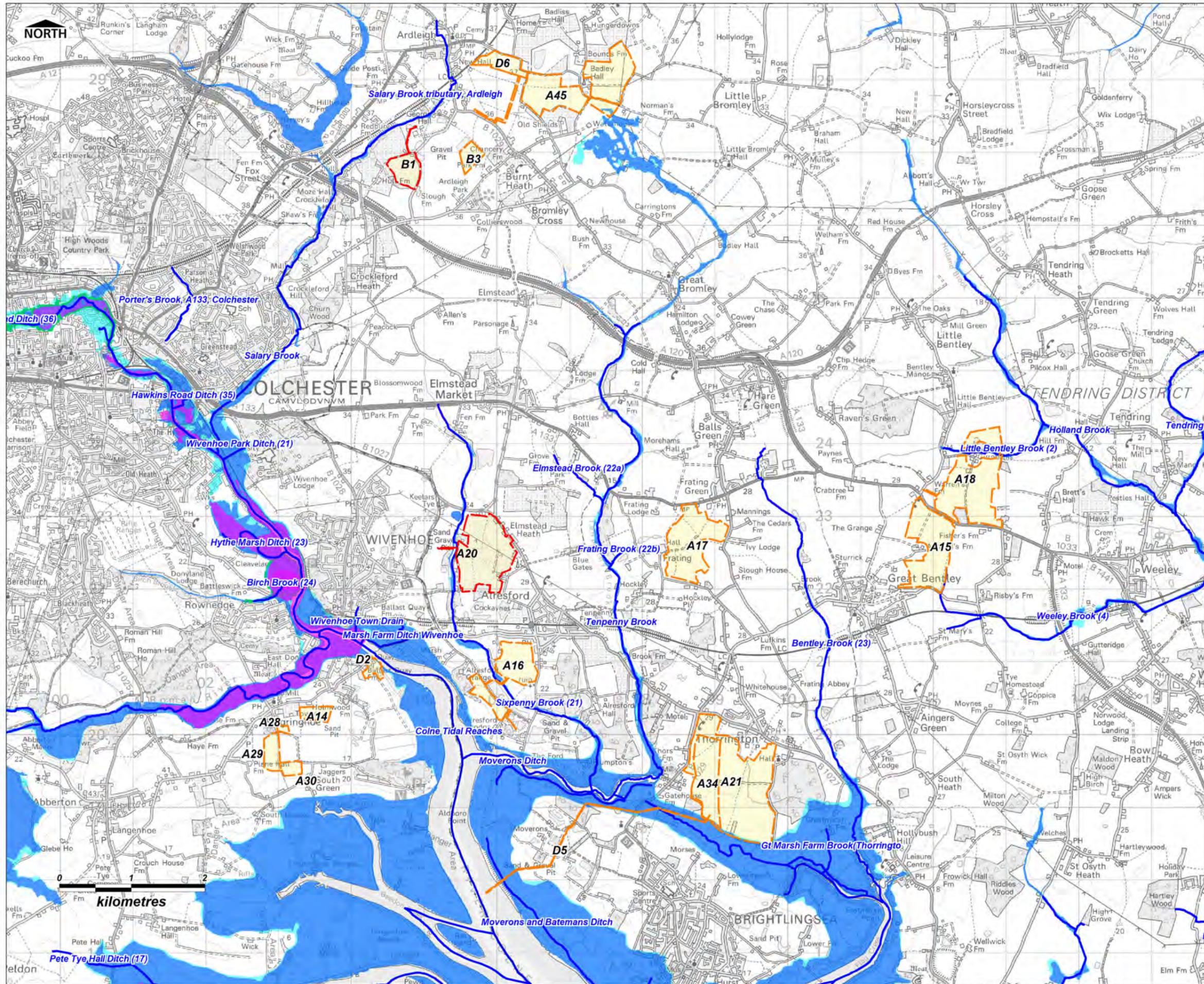
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**LEGEND**

- Essex County Boundary
- Non-Selected Site
- Preferred Site
- Main River

**Flood Zones**

- Flood Zone 2 - Medium Probability of Flooding from Rivers
- Flood Zone 3a - High Probability of Flooding from Rivers
- Flood Zone 3a - with Climate Change Allowance (20%)
- Flood Zone 3b - Functional Floodplain



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