

Project:

Thurrock Borough
Council SFRA Level 1

Title:

Study Area

— Main Watercourses

● Main Urban Centres

□ Thurrock Borough Council Boundary



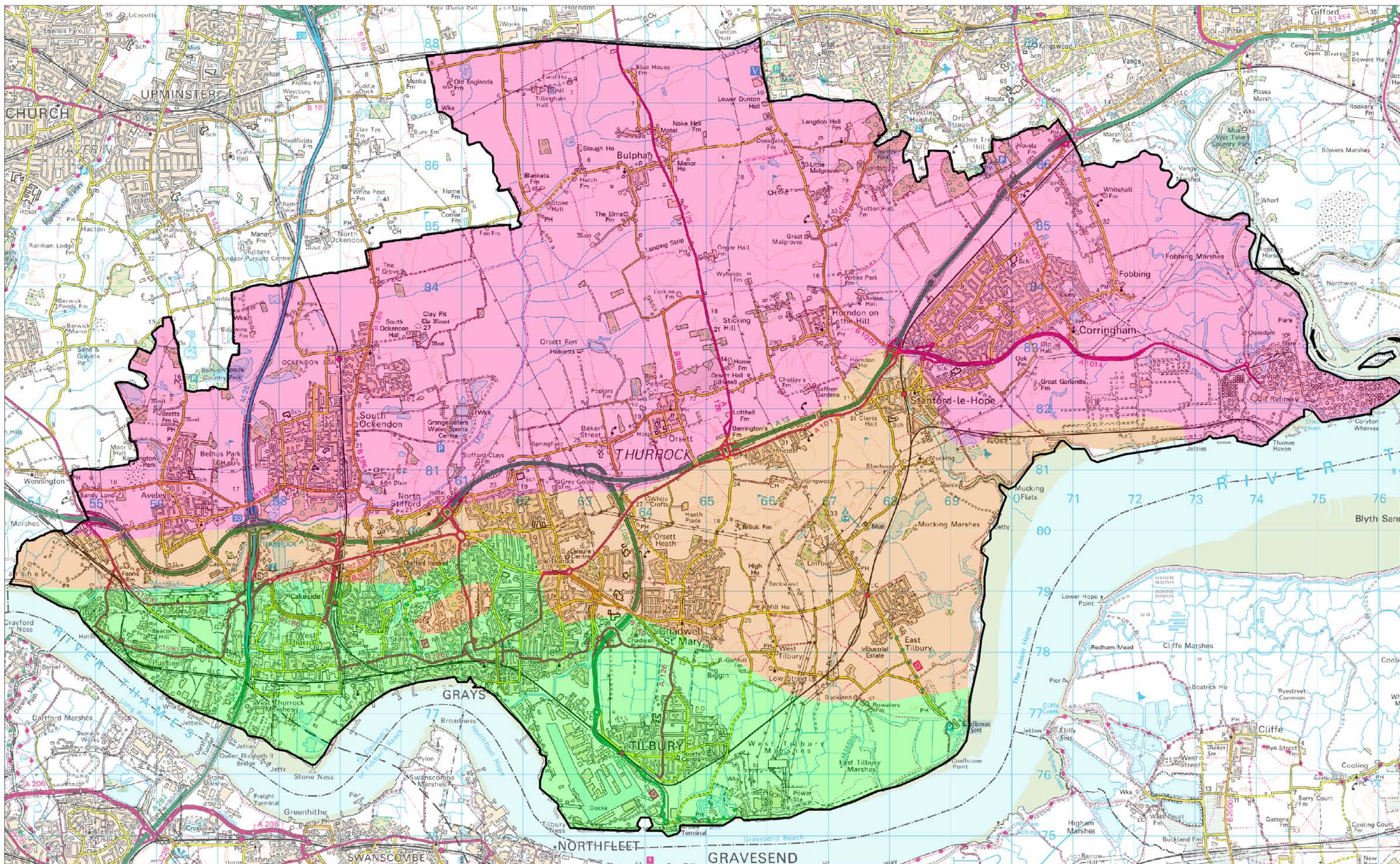
FIGURE 1

Scale: 1:100,000 @ A3

Drw SW Date 05/09 Rev 1



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Project:
Thurrock Borough
Council SFRA Level 1

Title:
Solid Geology

- Thurrock Borough Council Boundary
- London Clay
- Lambeth Group and Thanet Beds
- Chalk



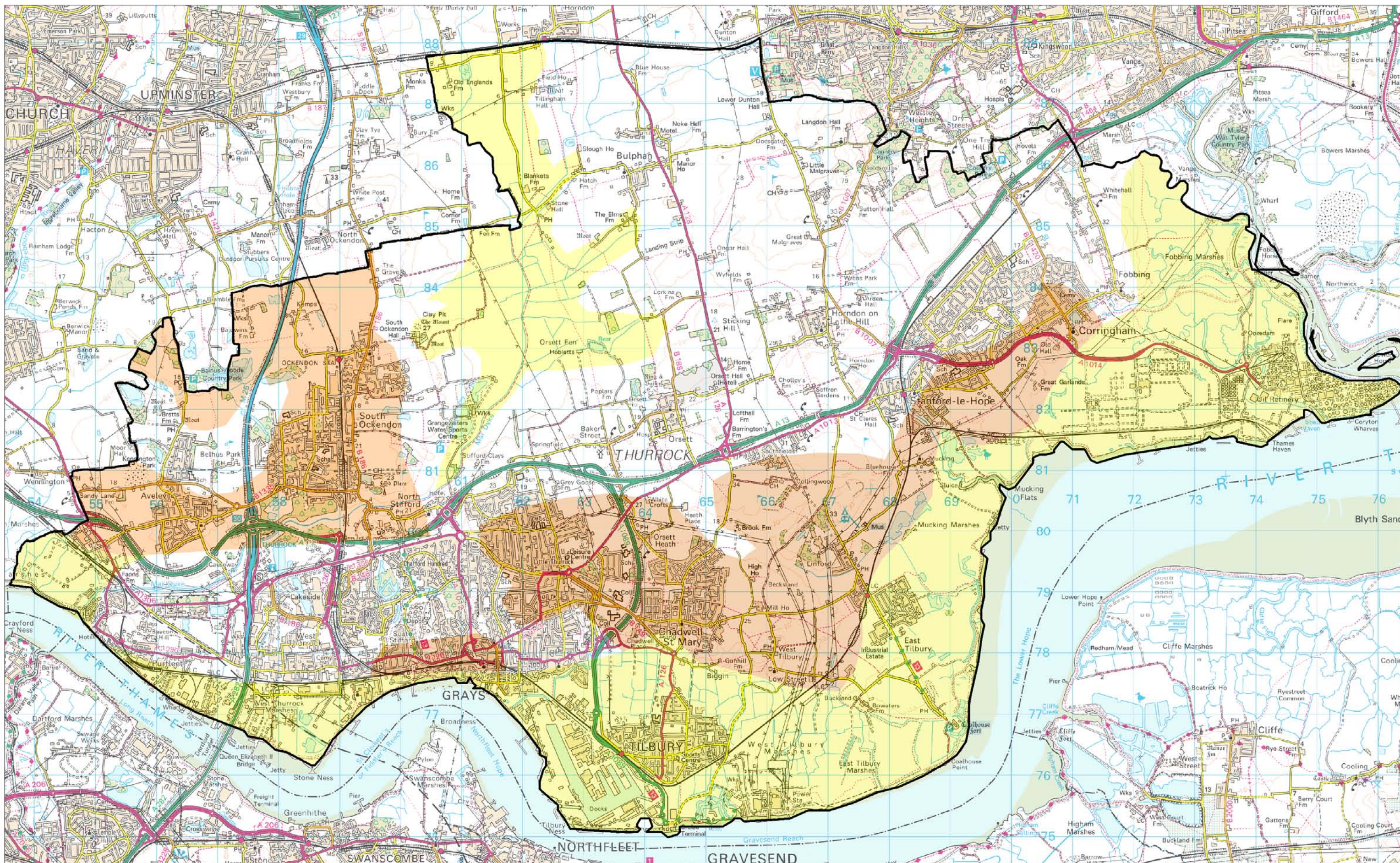
FIGURE 2A

Scale: 1:100,000 @ A3

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Project:
Thurrock Borough
Council SFRA Level 1

Title:
Drift Geology

- Thurrock Borough Council Boundary
- Alluvium
- River Terrace Deposits
- Drift Geology not mapped



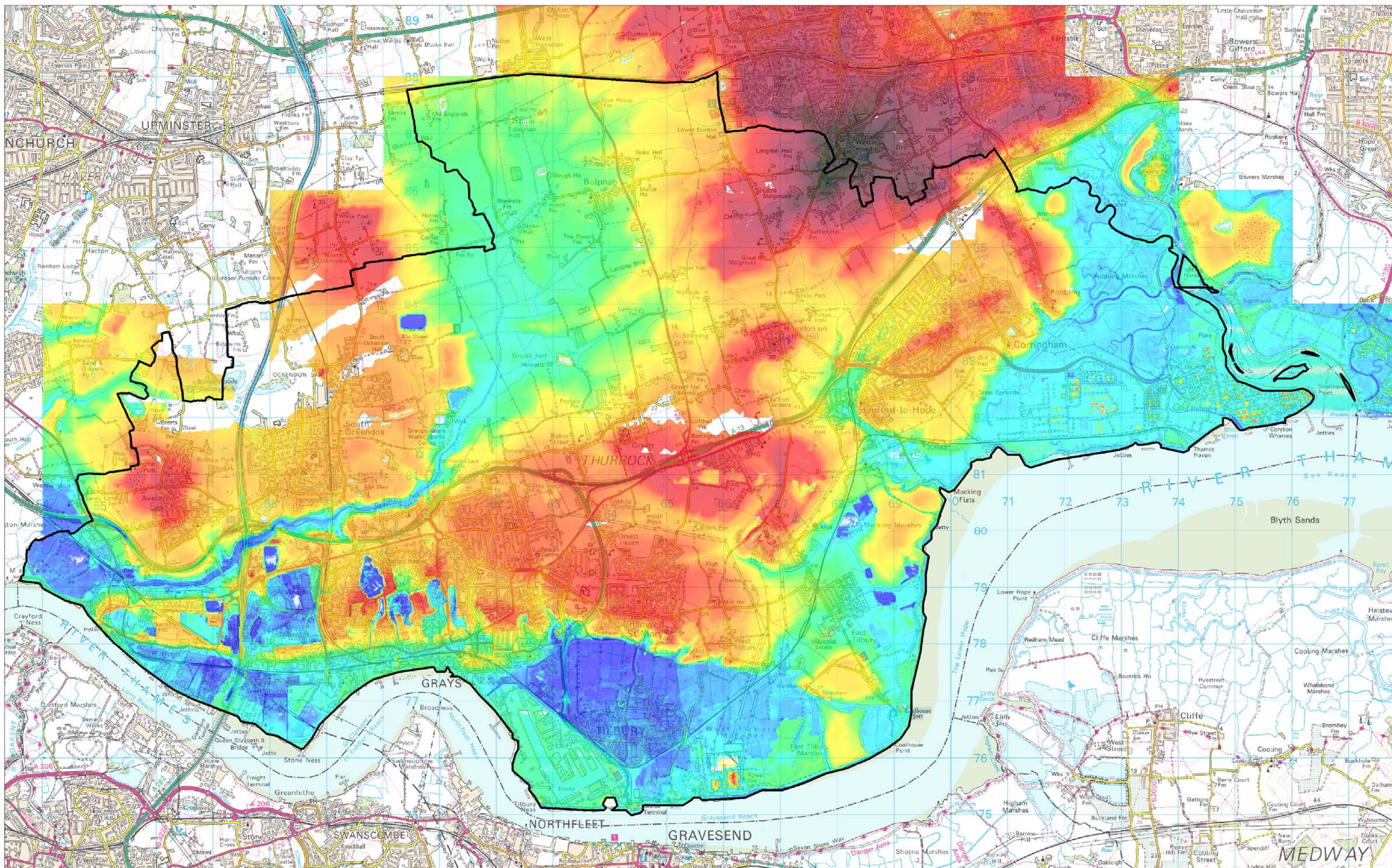
FIGURE 2B

Scale: 1:100,000 @ A3

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Project:

Thurrock Borough
Council SFRA Level 1

Title:

Aerial Survey LiDAR
Topographic Data

Elevation [m AOD]:



Thurrock Borough Council Boundary



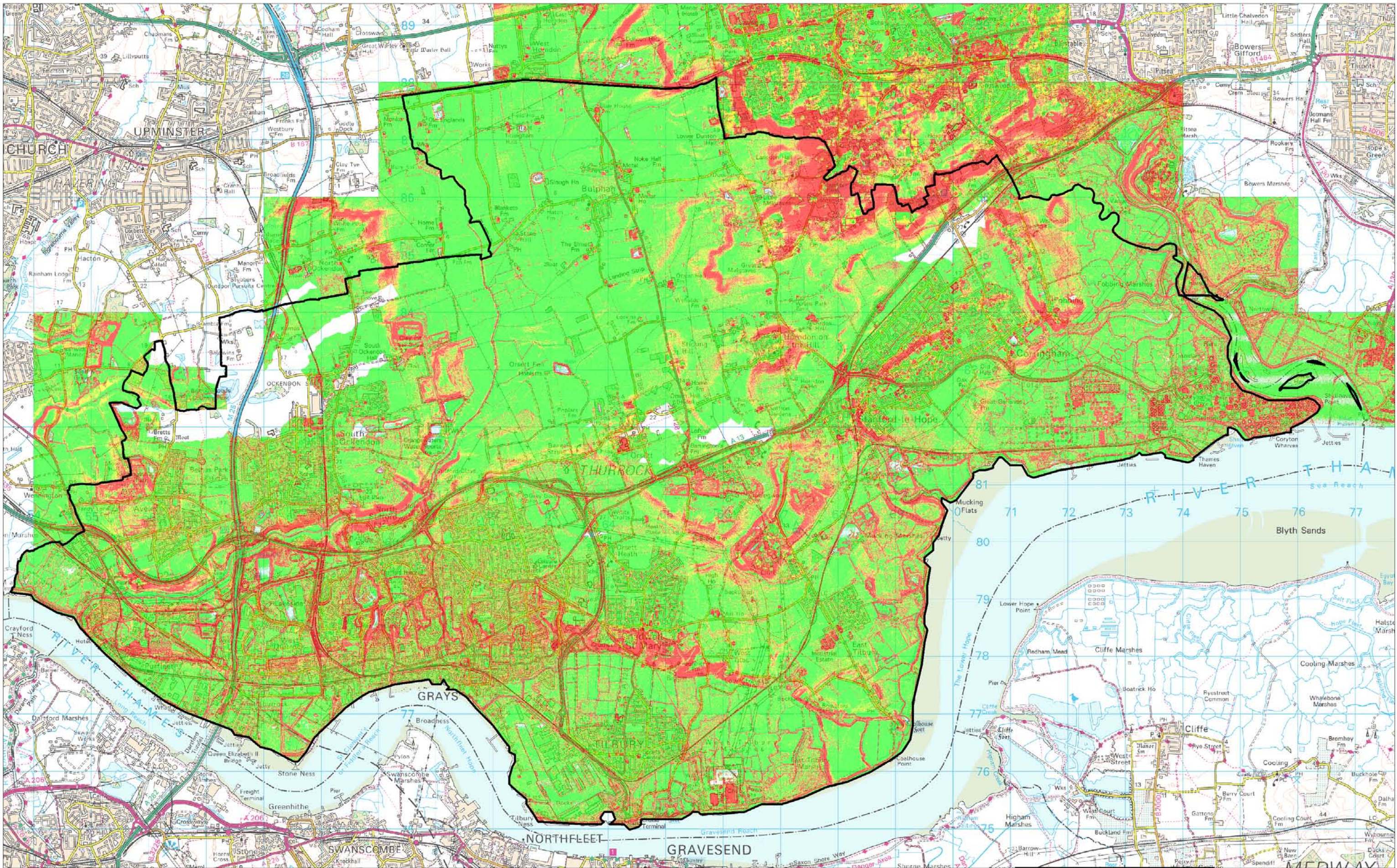
FIGURE 3

Scale: 1:100,000 @ A3

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Project:

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Council SFRA Level 1

Title:

Digital Terrain Model
Slope Analysis



Thurrock Borough Council Boundary



0 - 2 degrees



2 - 3 degrees



3 - 4 degrees



4 + degrees



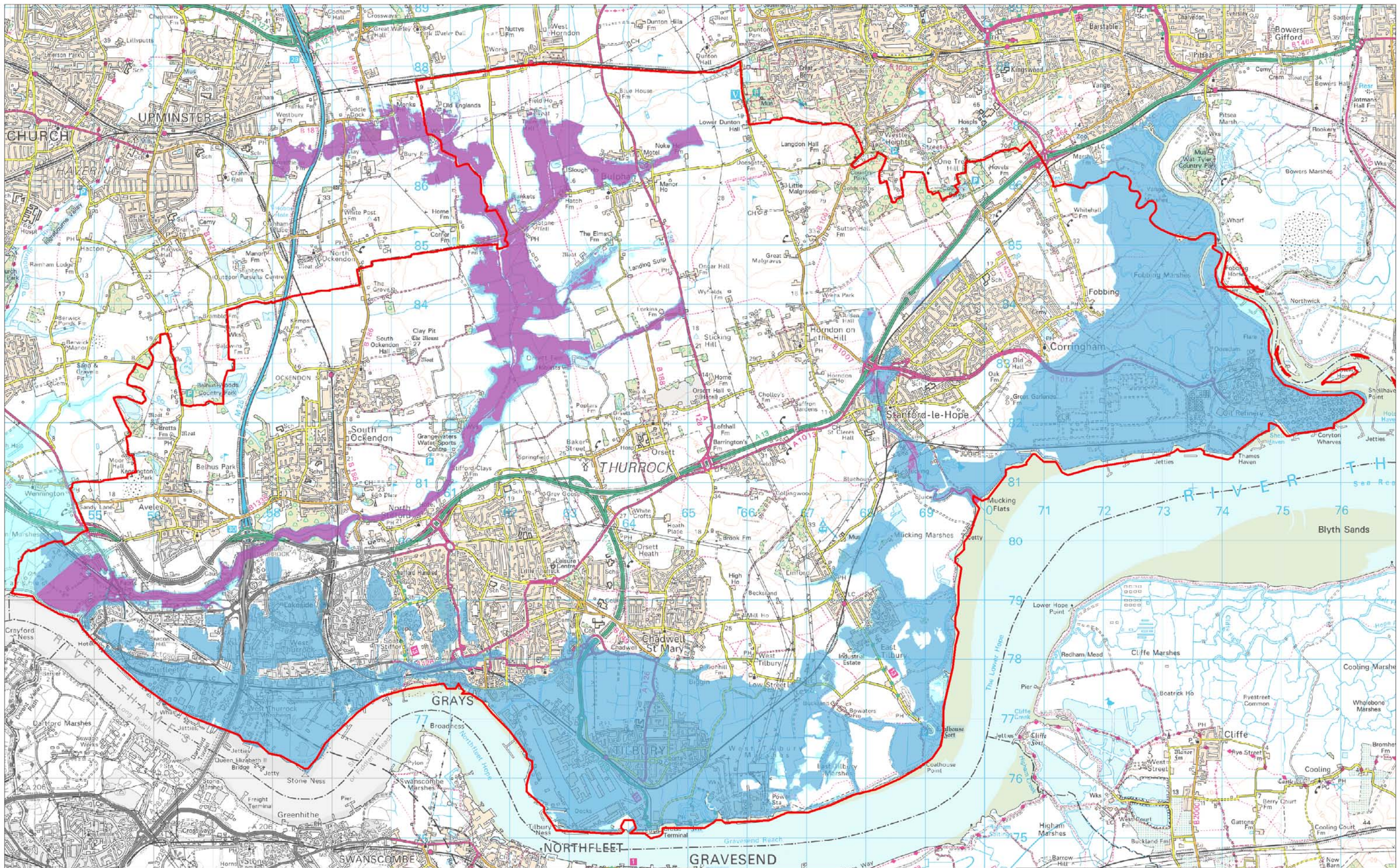
FIGURE 4

Scale: 1:100,000 @ A3

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Project:
Thurrock Borough
Council SFRA Level 1

Title:
Flood Zones (2009)

- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3b
- Thurrock Borough Council Boundary



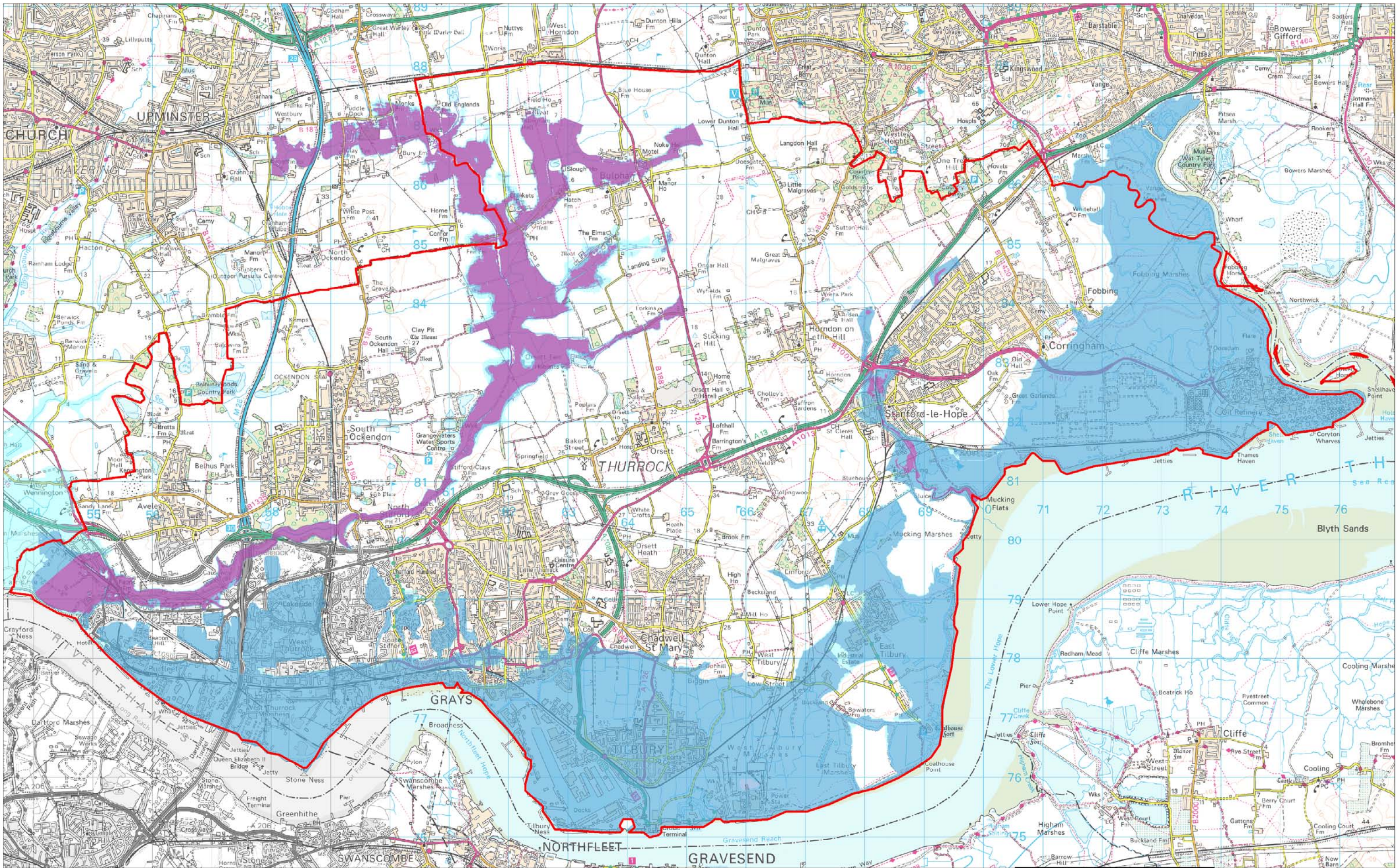
FIGURE 5

Scale: 1:100,000 @ A3

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Project:
Thurrock Borough
Council SFRA Level 1

Title:
Flood Zones (2109)

- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3b
- Thurrock Borough Council Boundary



FIGURE 6

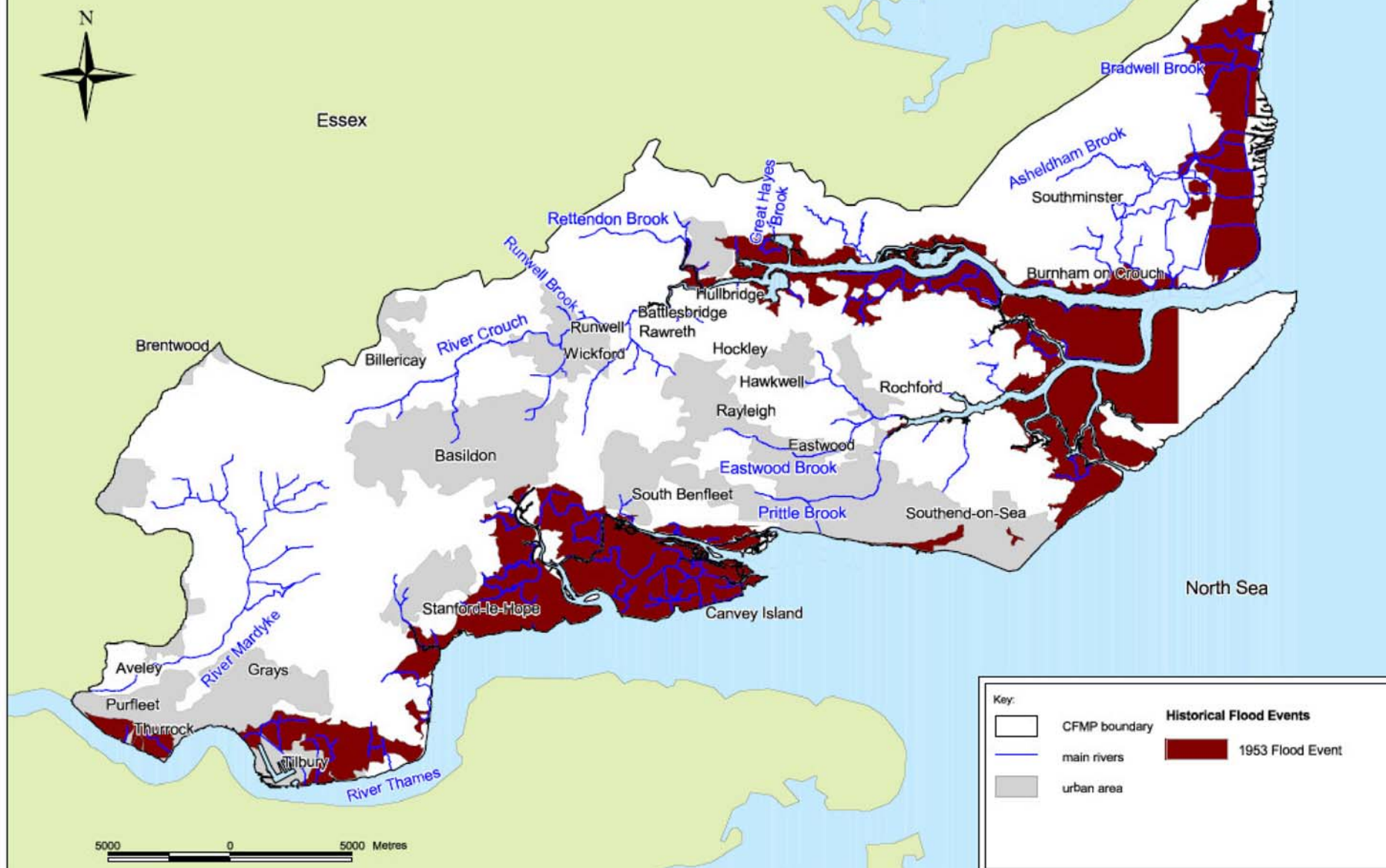
Scale: 1:100,000 @ A3

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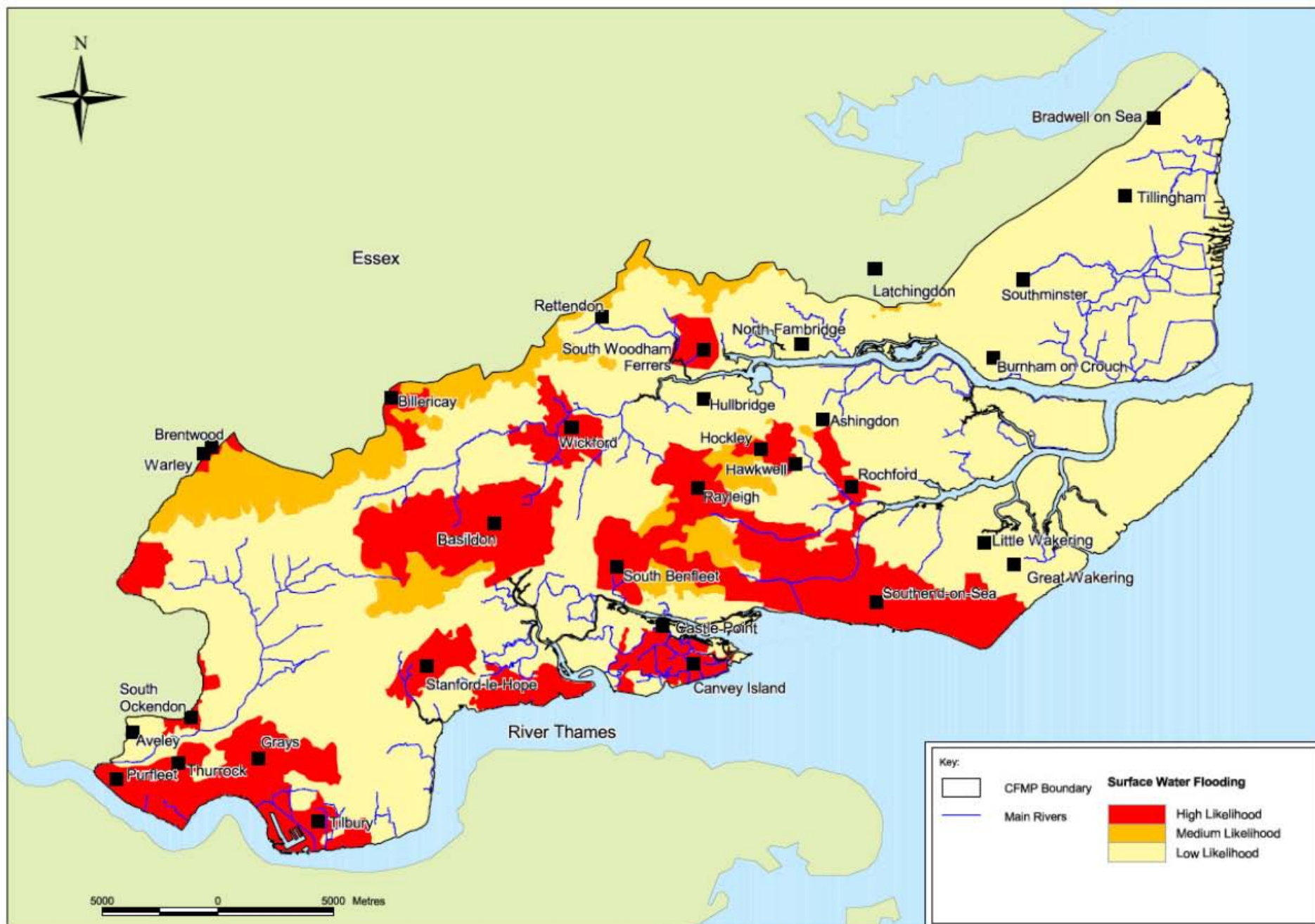


Extracted
from South
Essex CFMP
August 2008

THURROCK
SFRA

FIGURE 7

Flood Extent
during 1953
Tidal Flood
Event

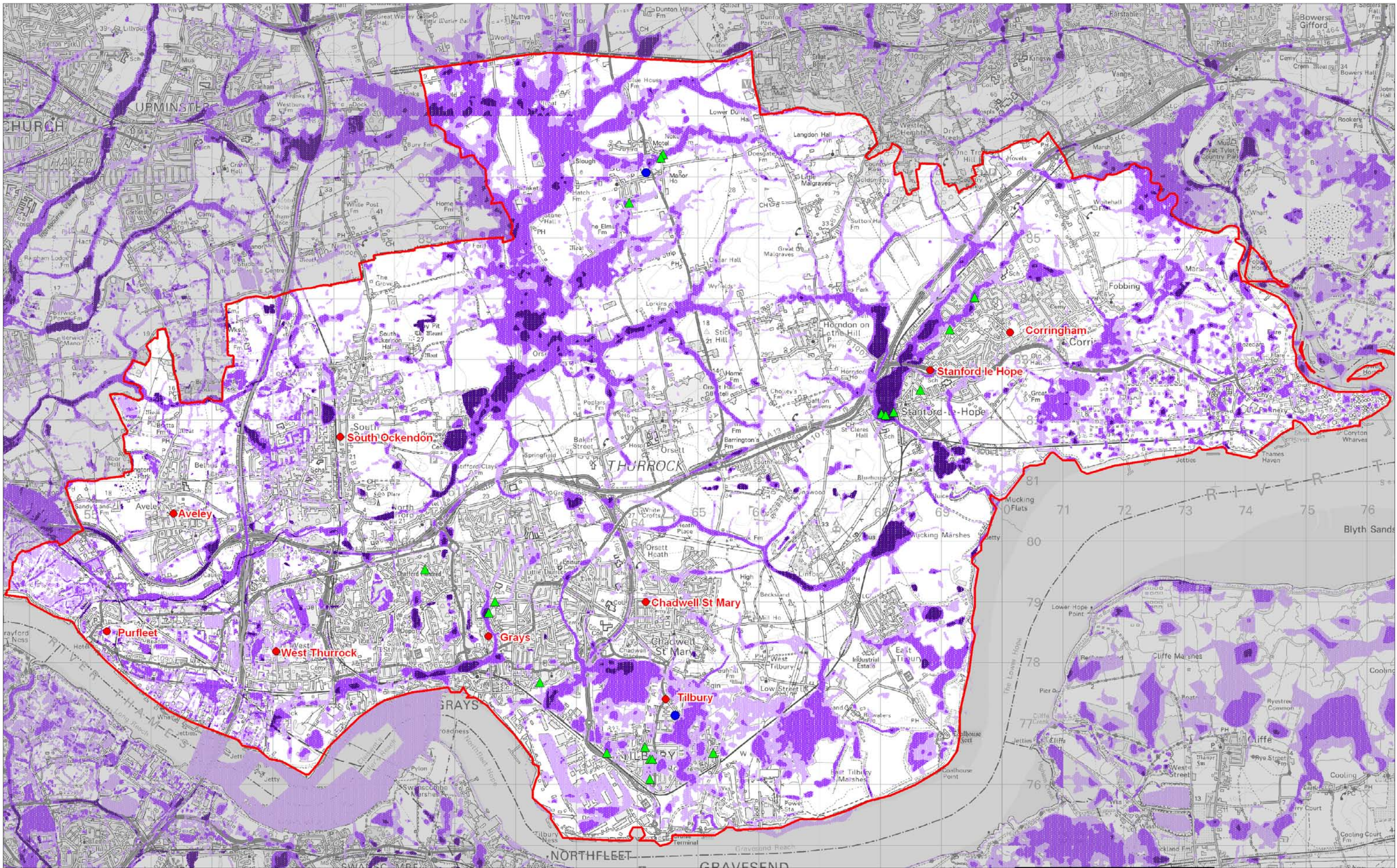


Typical
likelihood of
surface water
flooding

Extracted from
South Essex
CFMP
August 2008

THURROCK
SFRA

FIGURE 8



Project:
Thurrock Borough
Council SFRA Level 1

Title:
Areas Susceptible to Surface Water
Flooding & Recorded Surface Water
& Sewer Flooding Events

- Thurrock Borough Council Boundary
- Main Urban Centres
- Surface Water Flood Event
- ▲ Sewer Flooding Event

**Areas Susceptible to Surface
Water Flooding (EA, 2009)**

- More
- Intermediate
- Less



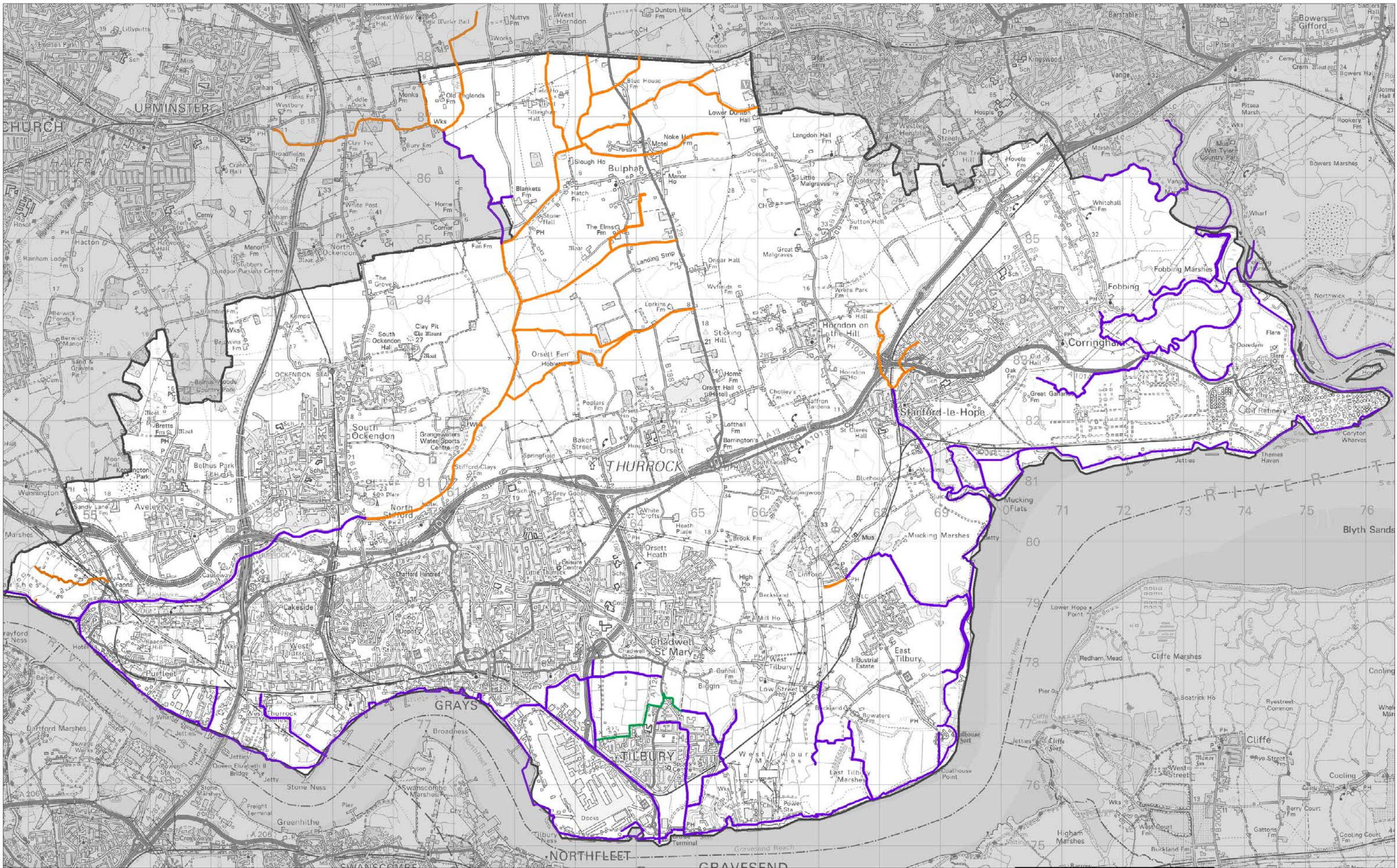
FIGURE 9

Scale: 1:100,000 @ A3

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Project:

Thurrock Borough
Council SFRA Level 1

Title:

NFCDD Flood Defences
Design Standard

Thurrock Borough Council Boundary

Flood Defence Design Standard

- 1 in 1000 year
- 1 in 200 year
- < 1 in 20 year
- Unknown



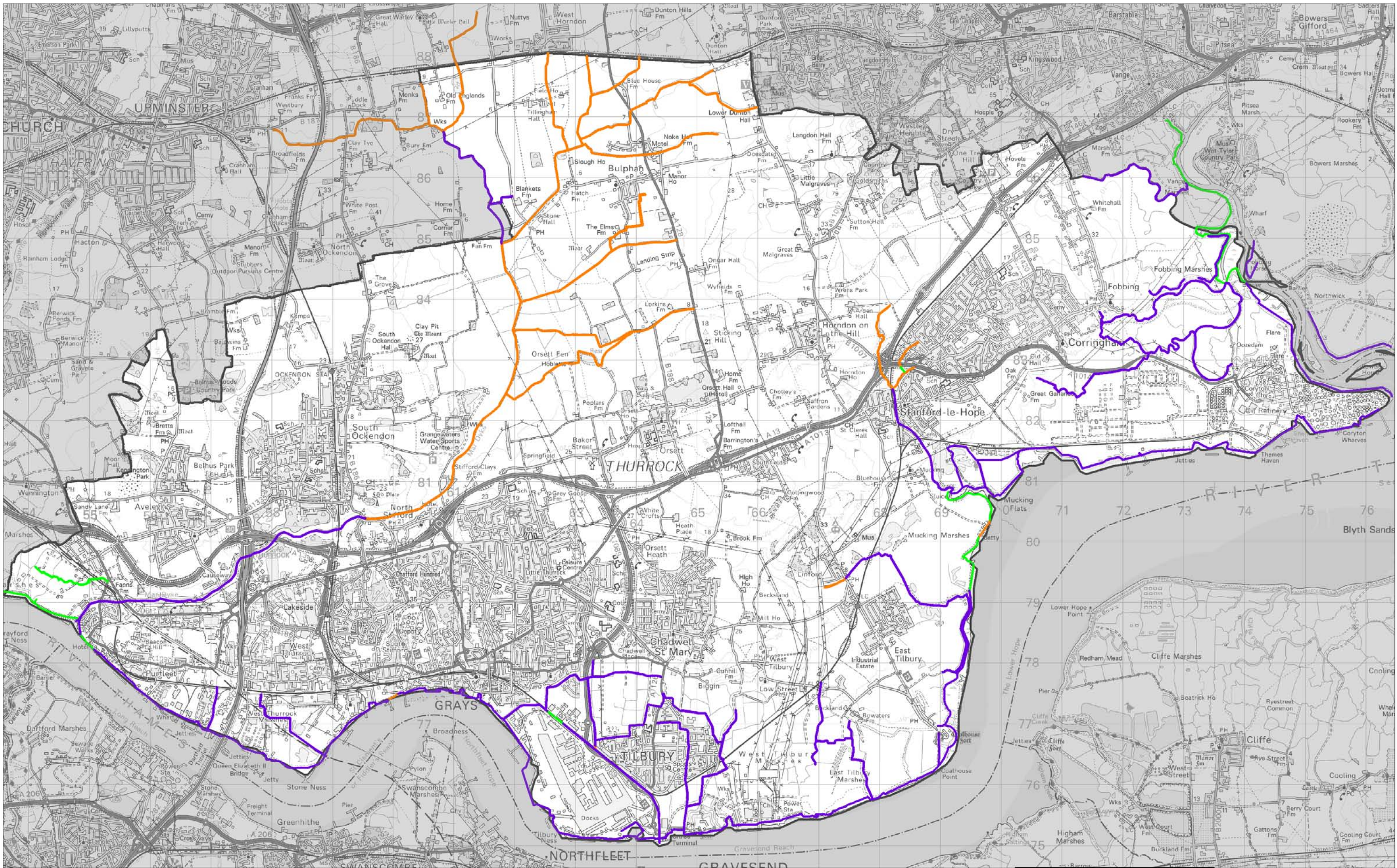
FIGURE 10A

Scale: 1:100,000 @ A3

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Project:

Thurrock Borough
Council SFRA Level 1

Title:

NFCDD Flood Defences
Defences Maintainer

Thurrock Borough Council Boundary

Flood Defence Maintainer

Environment Agency

Private

Local Authority



FIGURE 10B

Scale: 1:100,000 @ A3

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Project:

Thurrock Borough
Council SFRA Level 1

Title:

Emergency Planning
Rest Centres

Thurrock Borough Council Boundary

▲ Rest Centres



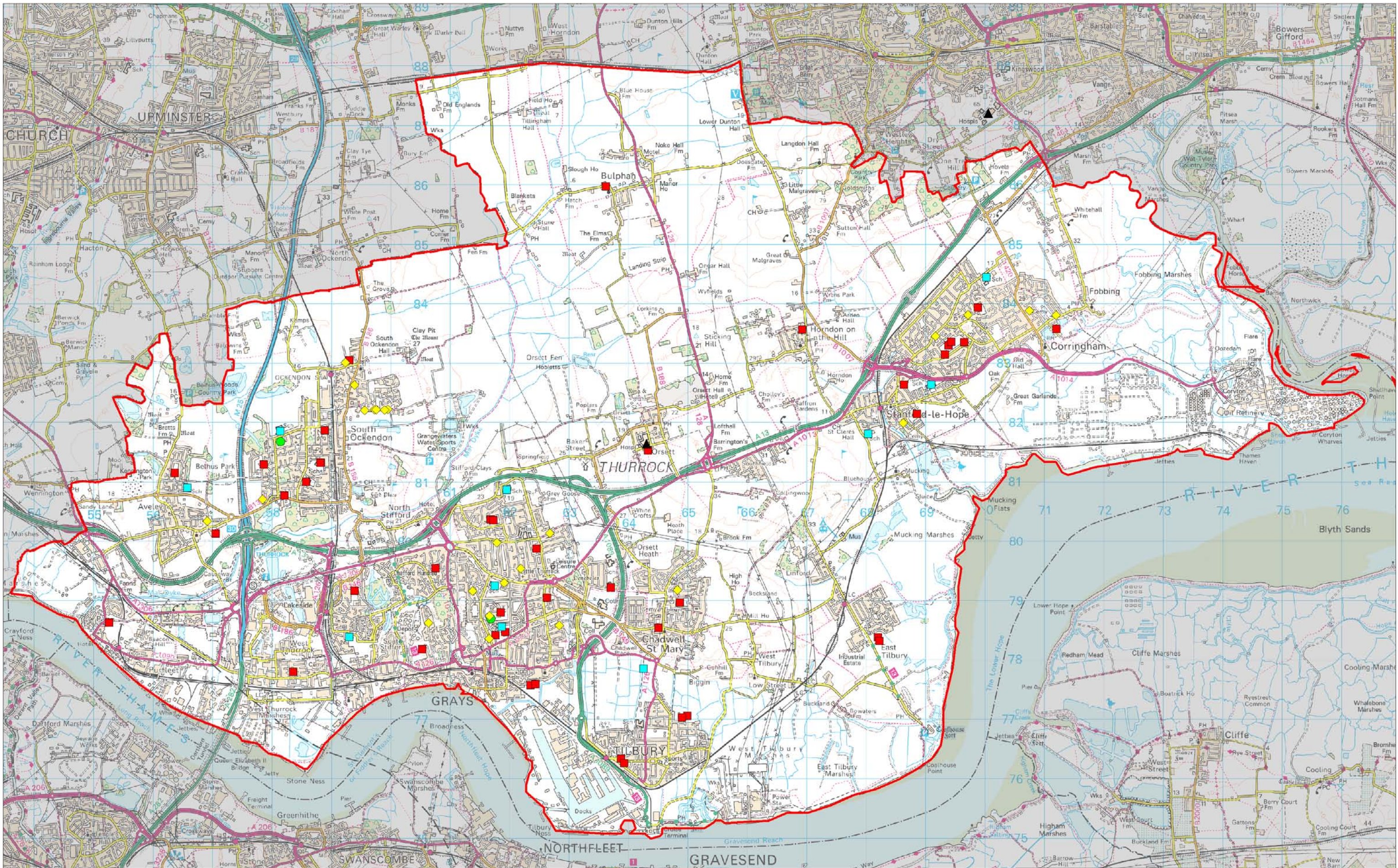
FIGURE 11

Scale: 1:100,000 @ A3

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Project:
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Council SFRA Level 1

Title:
Emergency Planning
Vulnerable Development

- Thurrock Borough Council Boundary
- Special Schools
- Secondary Schools
- Primary Schools
- ▲ Hospitals
- ◆ Adult Care Homes

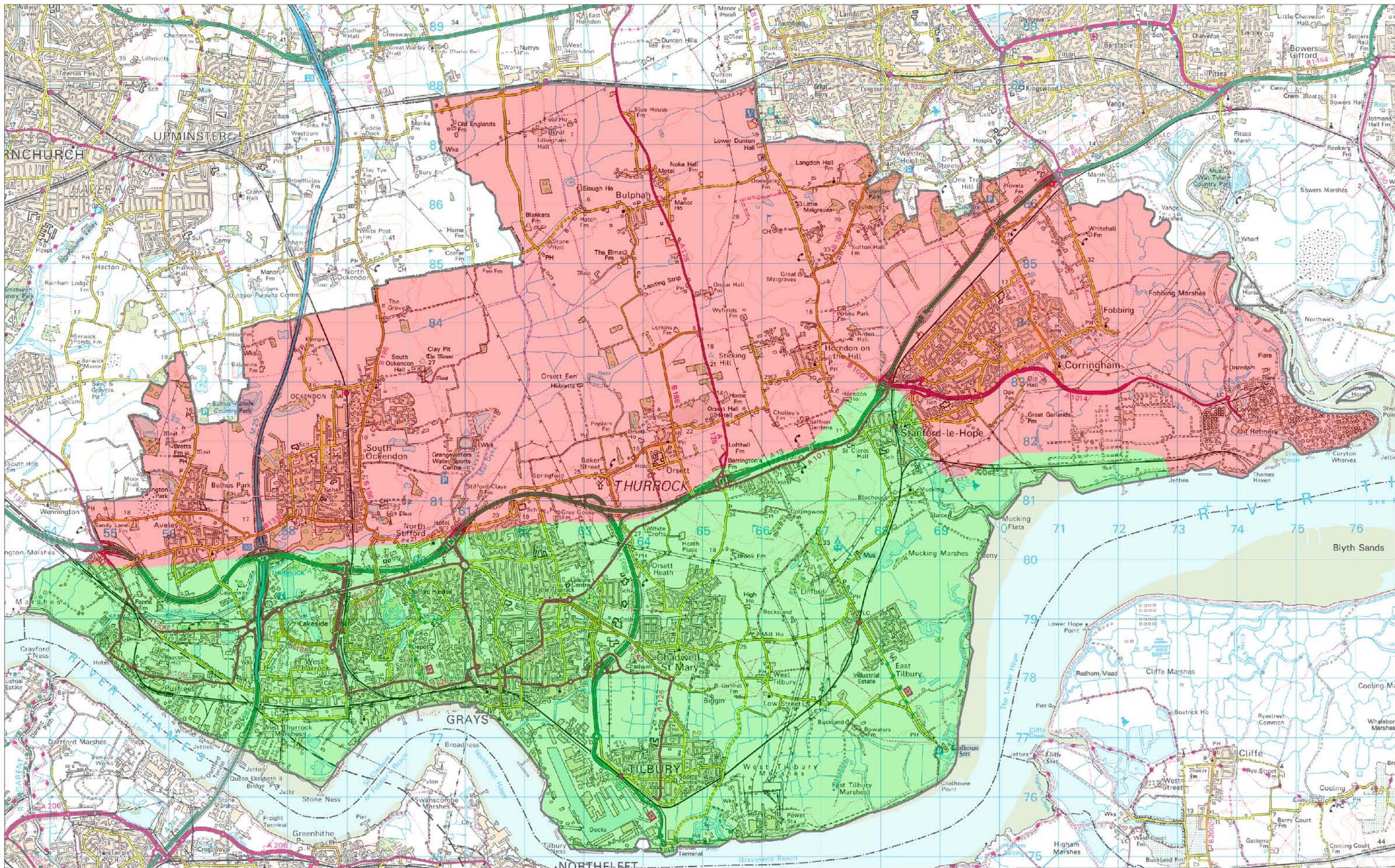


FIGURE 12

Scale: 1:100,000 @ A3

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Project:

Thurrock Borough
Council SFRA Level 1

Title:

Sustainable Drainage Systems

Recommended SUDs

- Attenuation systems
- Infiltration systems and combined infiltration / attenuation systems

Thurrock Borough Council Boundary



FIGURE 13

Scale: 1:100,000 @ A3

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