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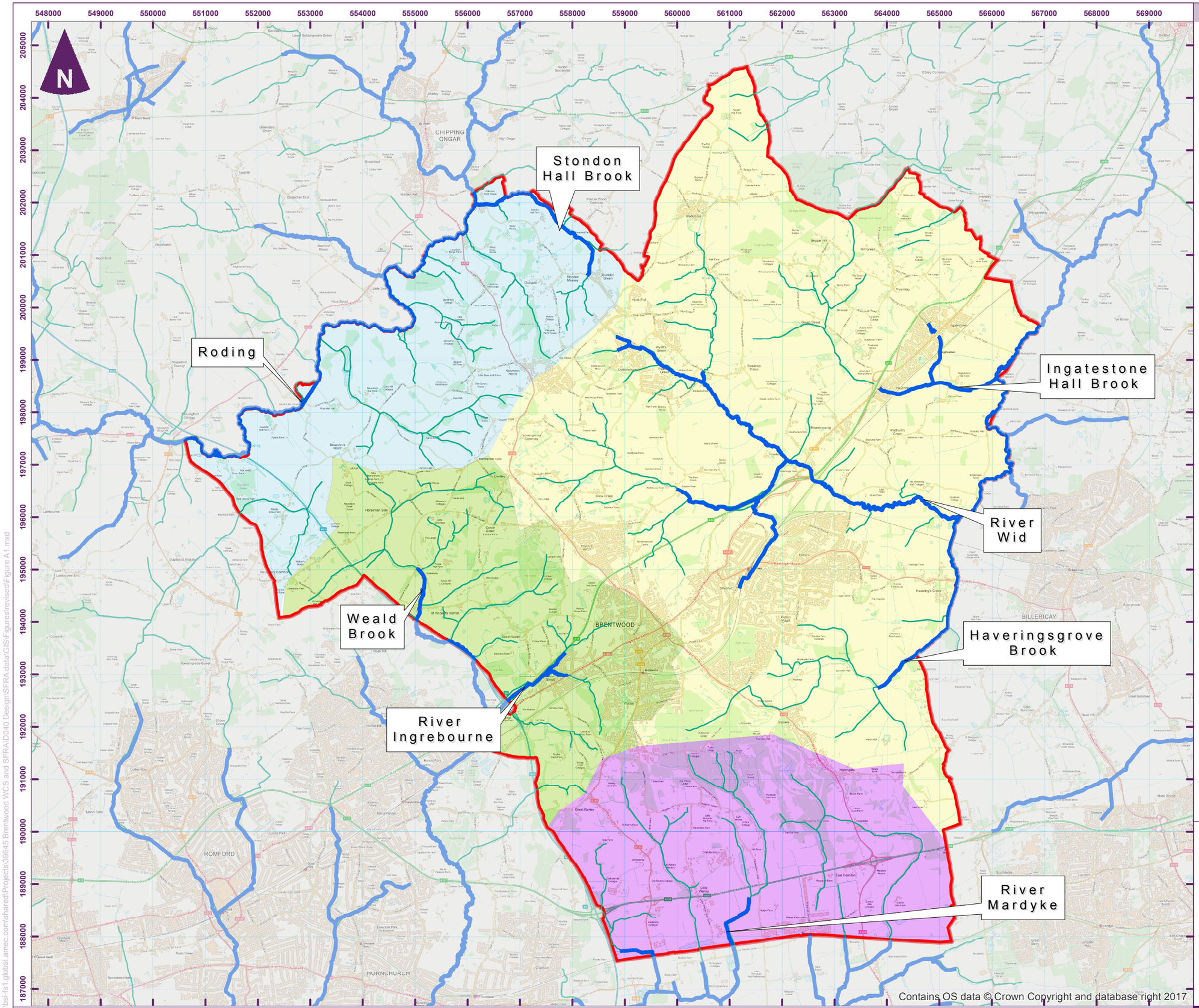
Appendix A
Mapping Appendix



Key

- Ordinary watercourses
- Main rivers

Drainage catchments

- Ingrebourne
- Mardyke
- Roding
- Wid
- Brentwood Borough Council Boundary

0 0.5 1 1.5 2 2.5 km

Scale at A3: 1:70,315

Brentwood Level 1 SFRA

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Figure A1
Brentwood Borough Main River Catchments

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October 2017 Figure A1.mxd brays

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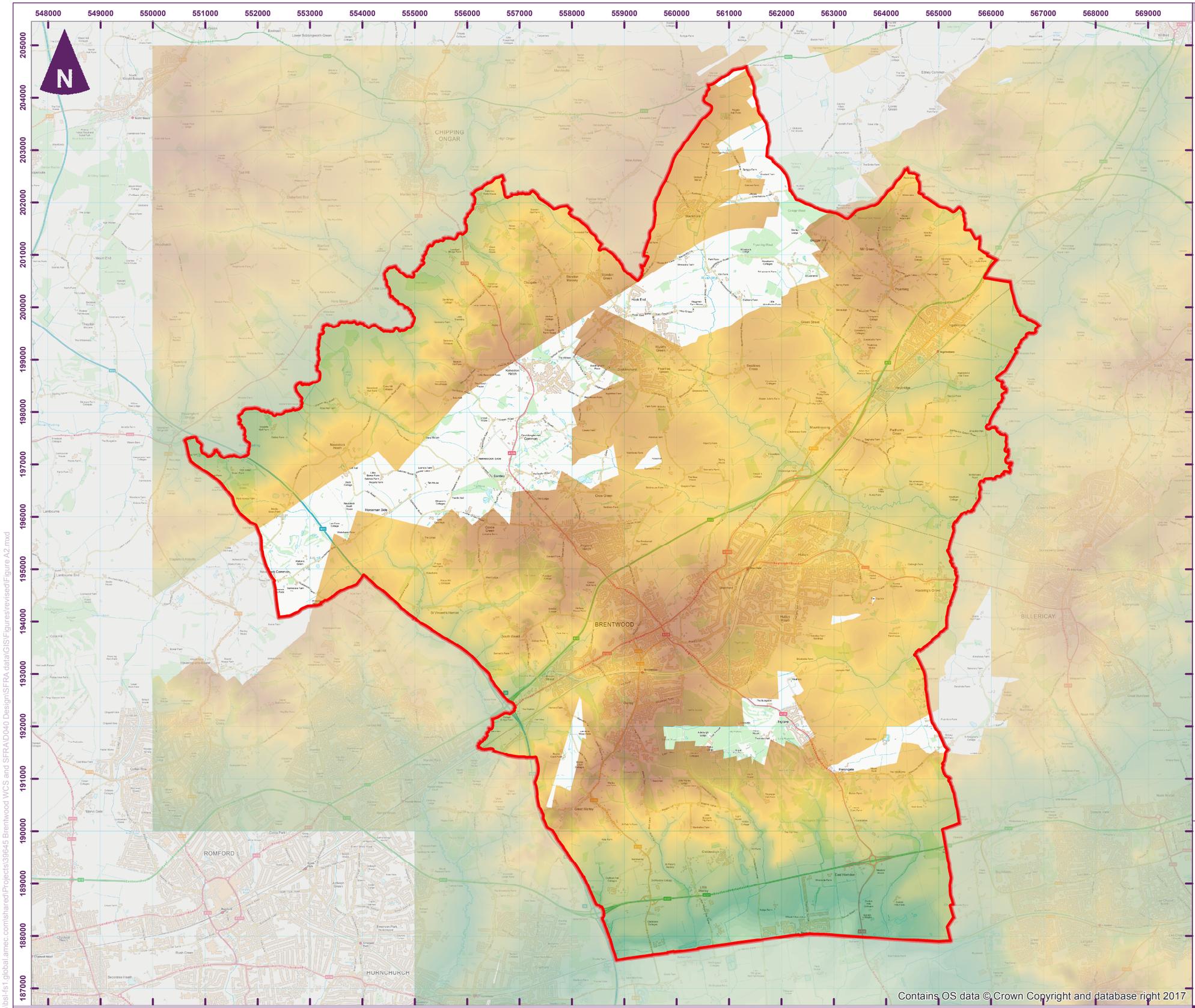

Key

Elevation (m AOD)

Value

High : 100

Low : 0

Brentwood Borough Council Boundary

0 0.5 1 1.5 2 2.5 km

Scale at A3: 1:70,315

Brentwood Level 1 SFRA

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Figure A2
Brentwood Borough LiDAR Coverage

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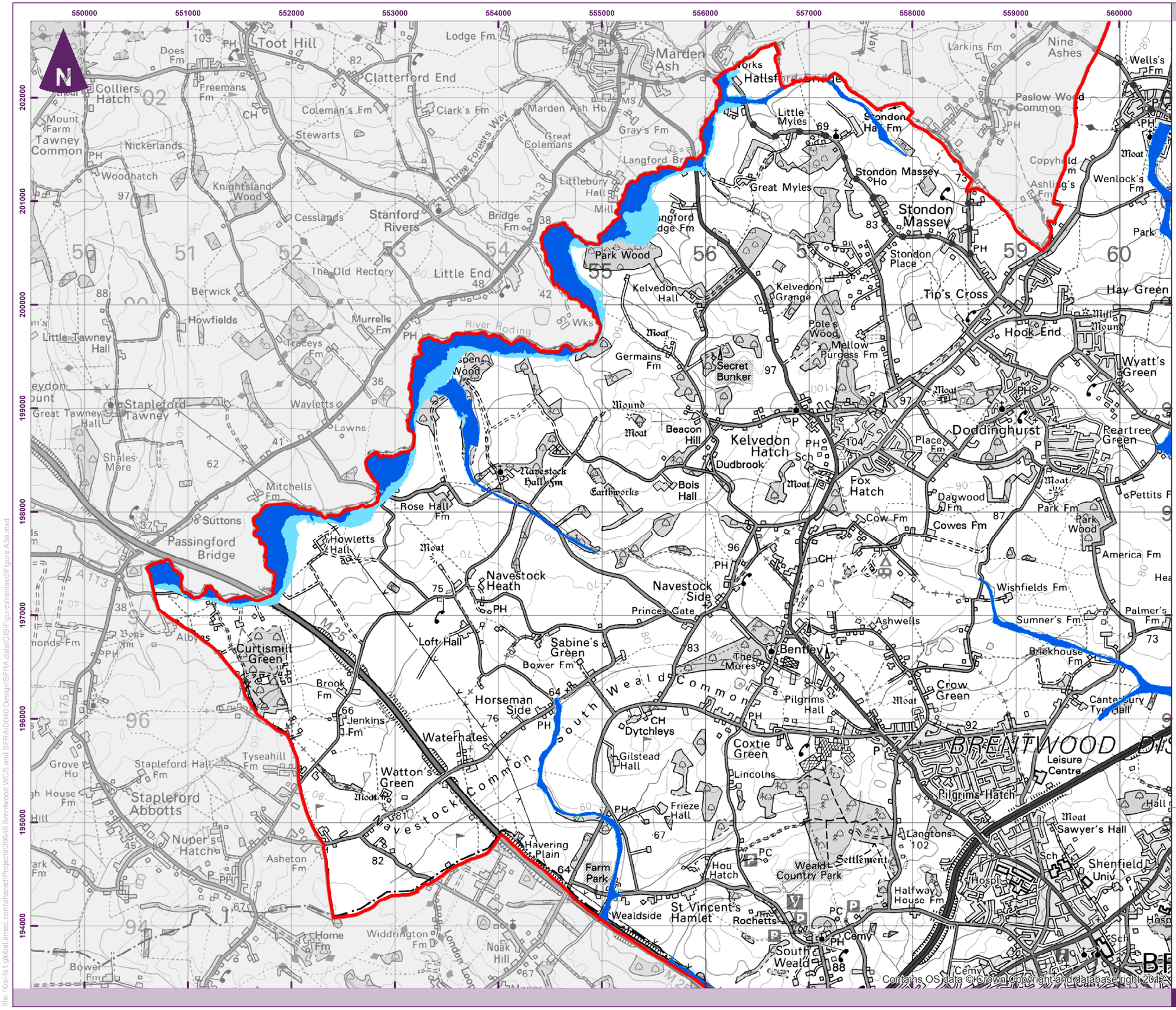
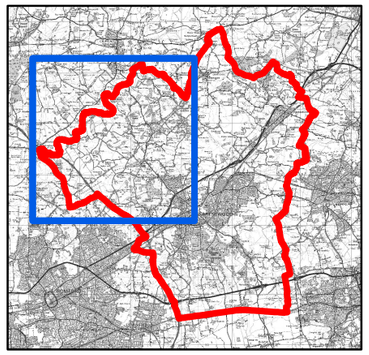


Key

- Brentwood Borough Council Boundary
- Flood Zone 3
- Flood Zone 2



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A3 a
Brentwood Borough - EA Flood Risk Zones

November 2017 | Figure A3a.mxd brays

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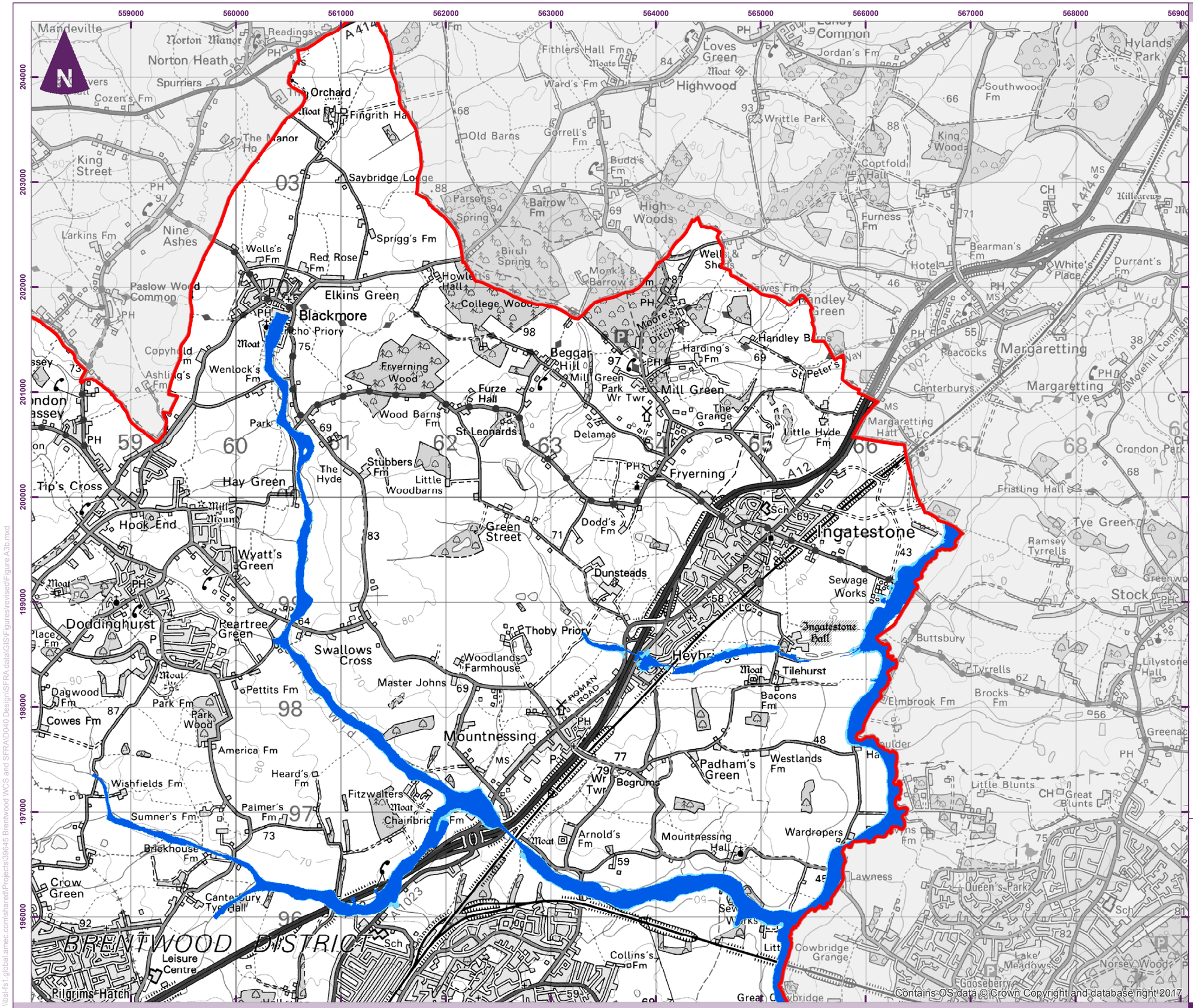
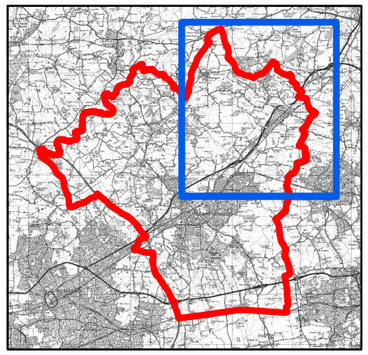


Key

- Brentwood Borough Council Boundary
- Flood Zone 3
- Flood Zone 2



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A3 b
Brentwood Borough - EA Flood Risk Zones

November 2017 Figure A3b.mxd brays

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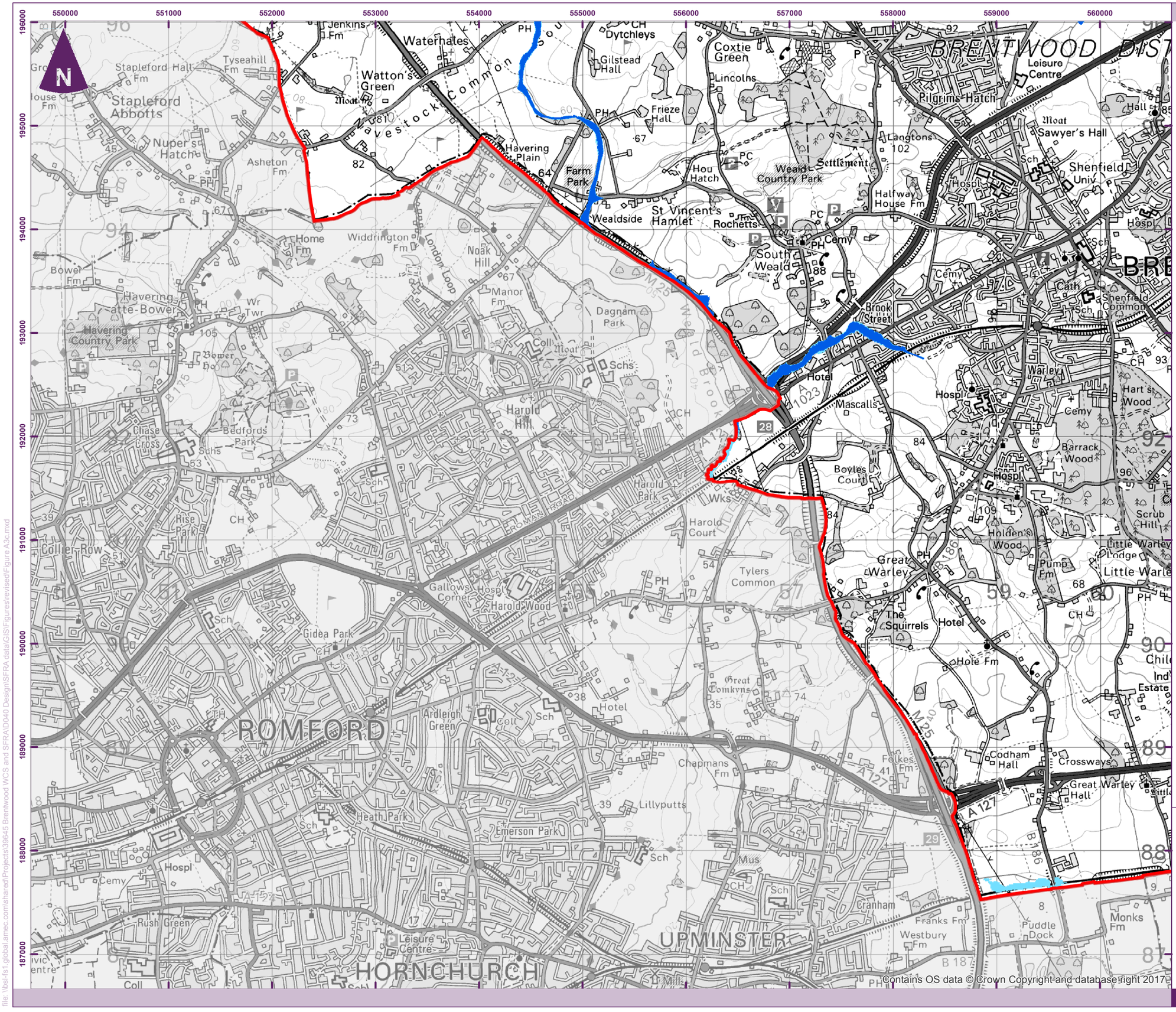
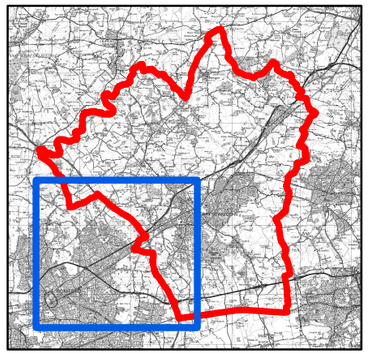


Key

- Brentwood Borough Council Boundary
- Flood Zone 3
- Flood Zone 2



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A3 c
Brentwood Borough - EA Flood Risk Zones

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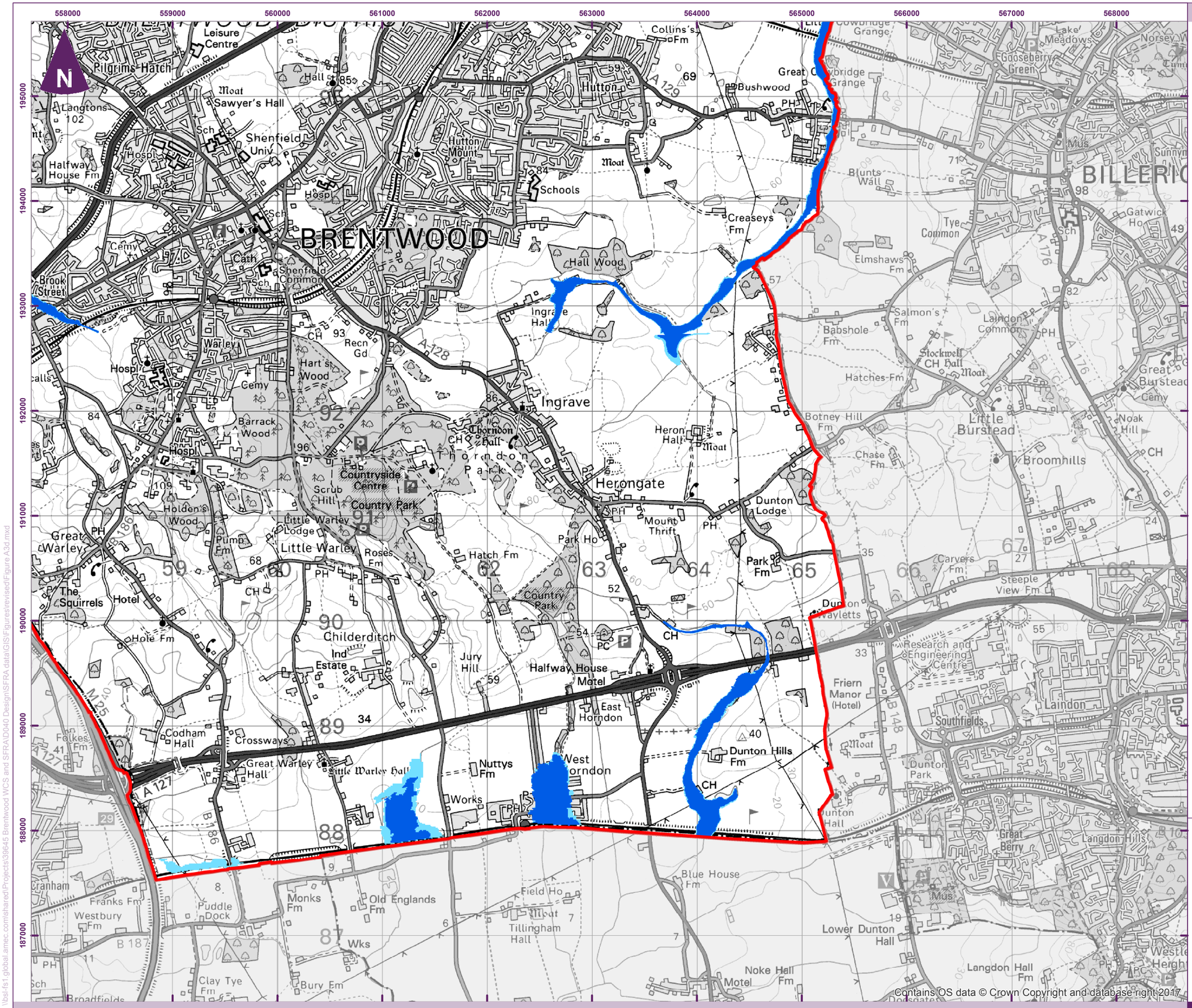

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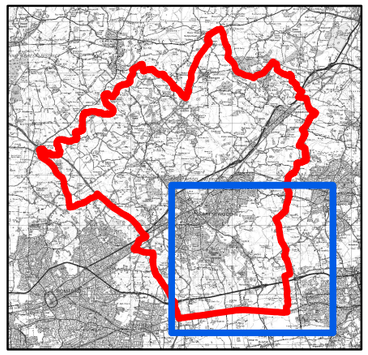
Key

- Brentwood Borough Council Boundary
- Flood Zone 3
- Flood Zone 2



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A3 d
Brentwood Borough - EA Flood Risk Zones

November 2017 | Figure A3d.mxd brays

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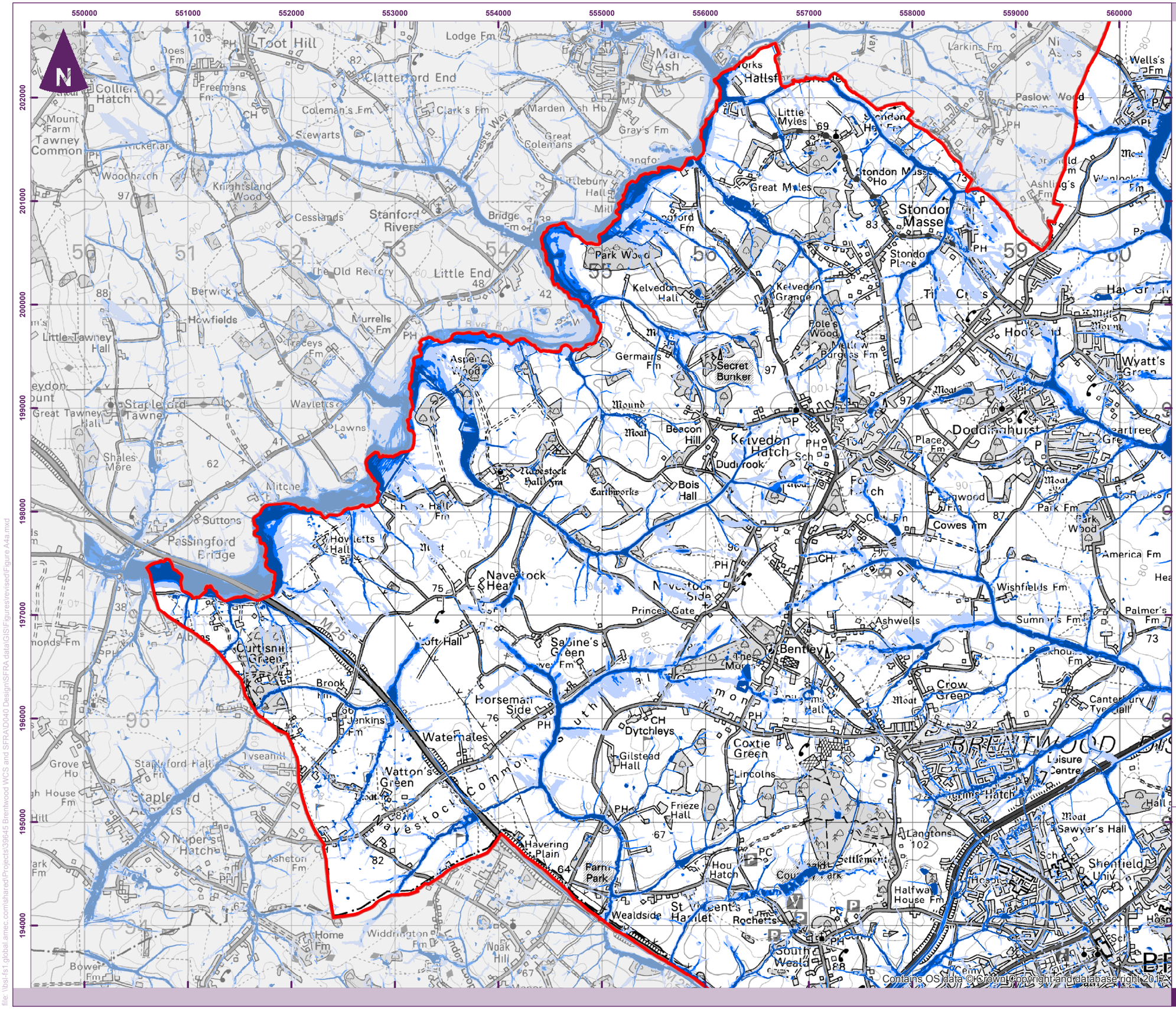
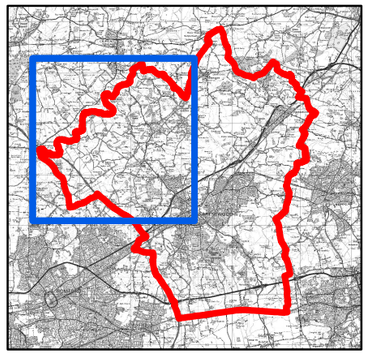


Key

- Brentwood Borough Council Boundary
- High risk
- Medium risk
- Low risk



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A4 a
Brentwood Borough - surface water flood risk

November 2017 Figure A4a.mxd brays

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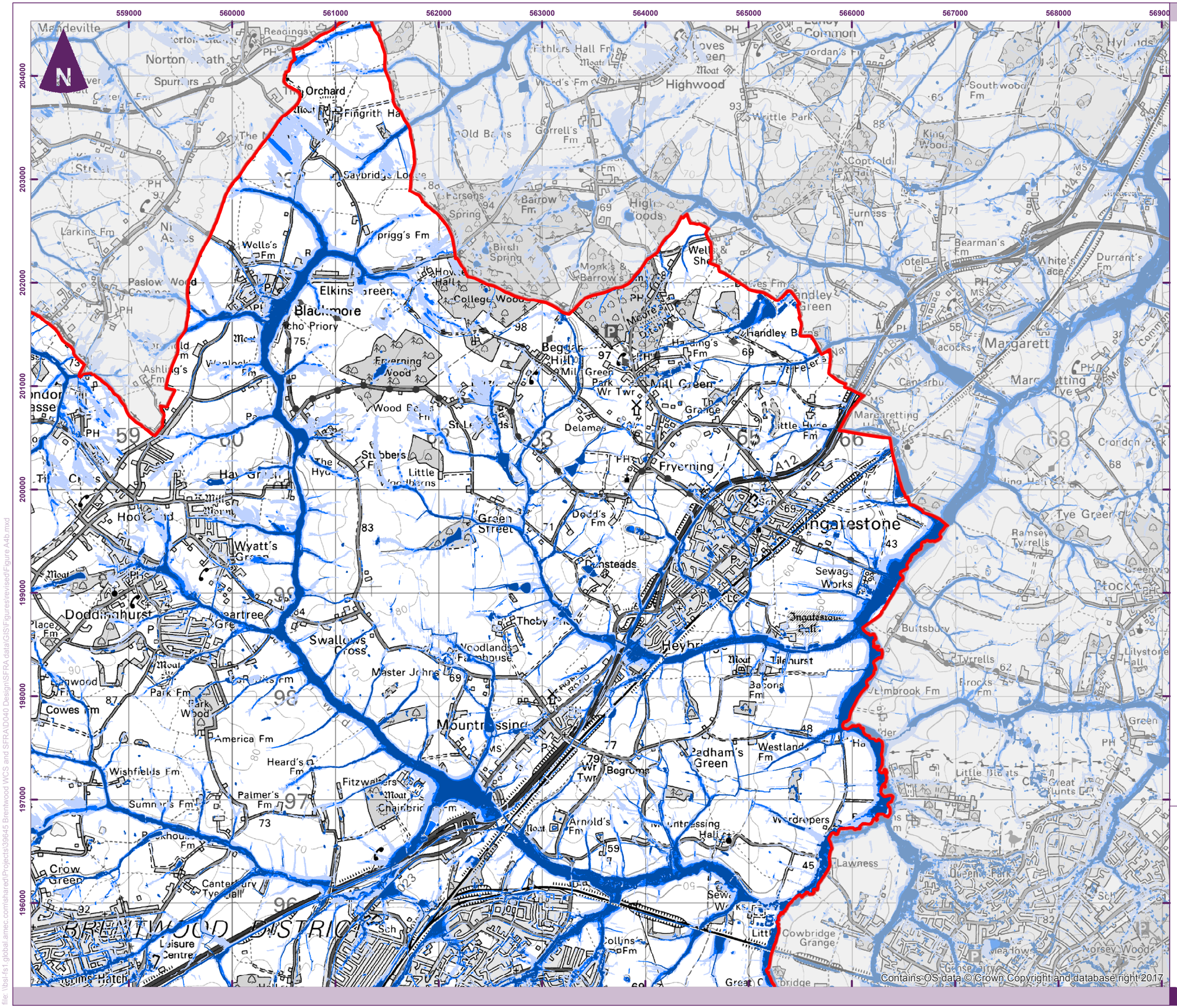
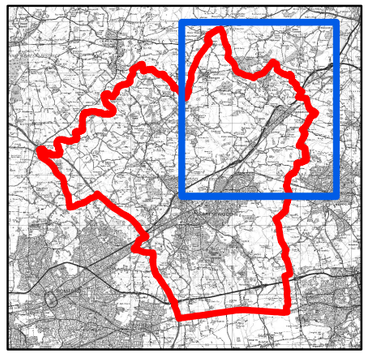


Key

- Brentwood Borough Council Boundary
- High risk
- Medium risk
- Low risk



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A4 b
Brentwood Borough - surface water flood risk

November 2017 Figure A4b.mxd brays

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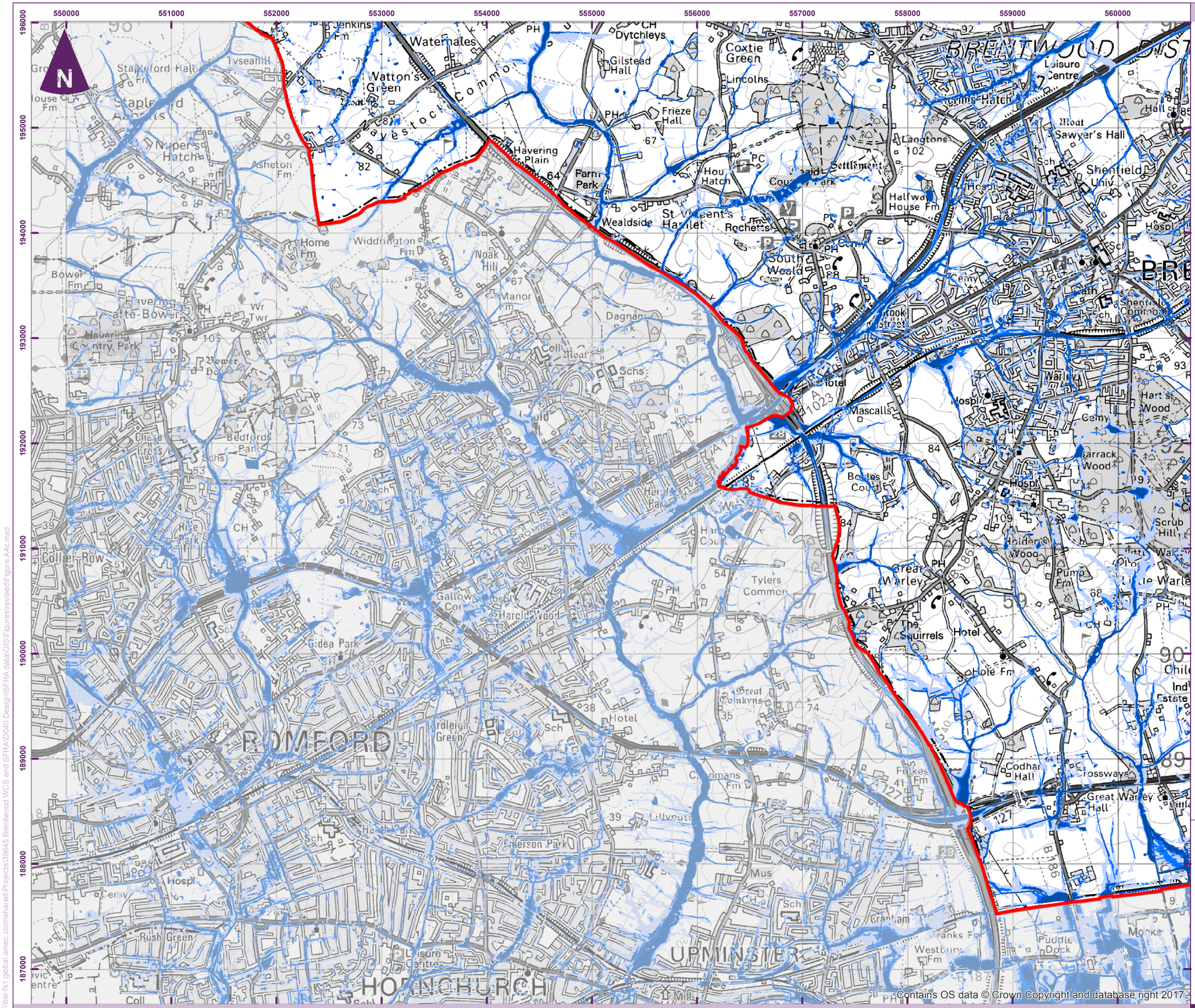
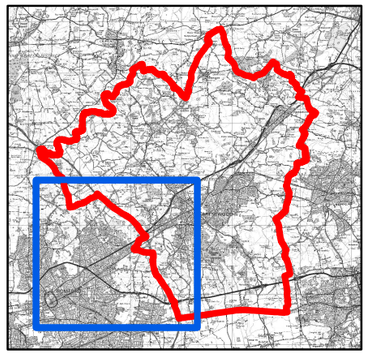


Key

- Brentwood Borough Council Boundary
- High risk
- Medium risk
- Low risk



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A4 c
Brentwood Borough - surface water flood risk

November 2017

Figure A4c.mxd brays

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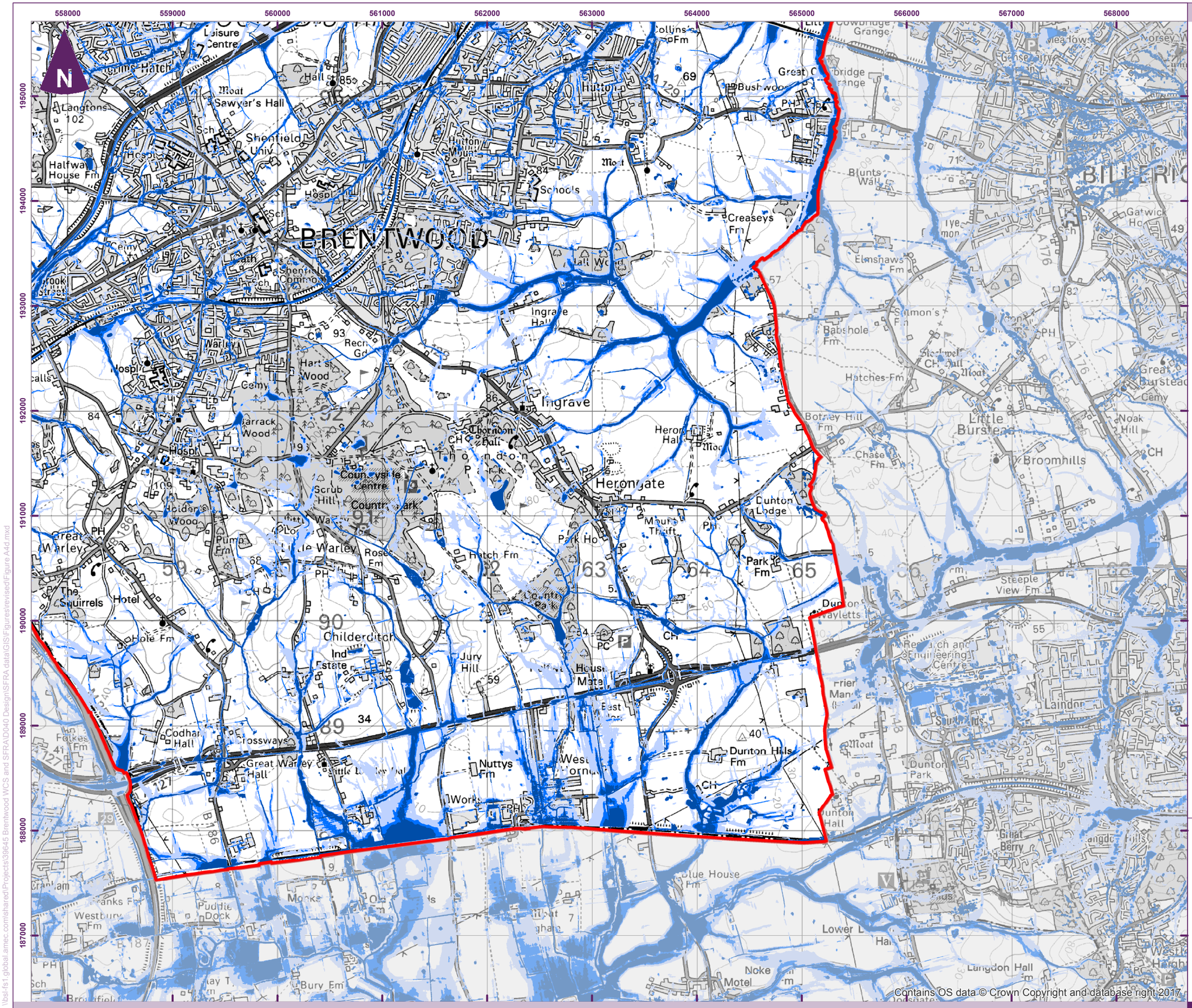
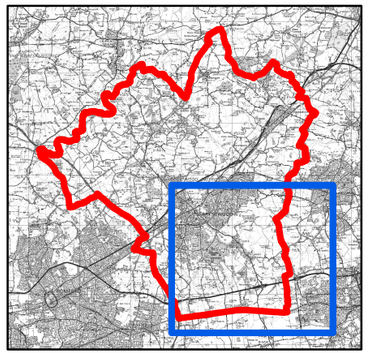


Key

- Brentwood Borough Council Boundary
- High risk
- Medium risk
- Low risk



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A4 d
Brentwood Borough - surface water flood risk

November 2017 | Figure A4d.mxd brays

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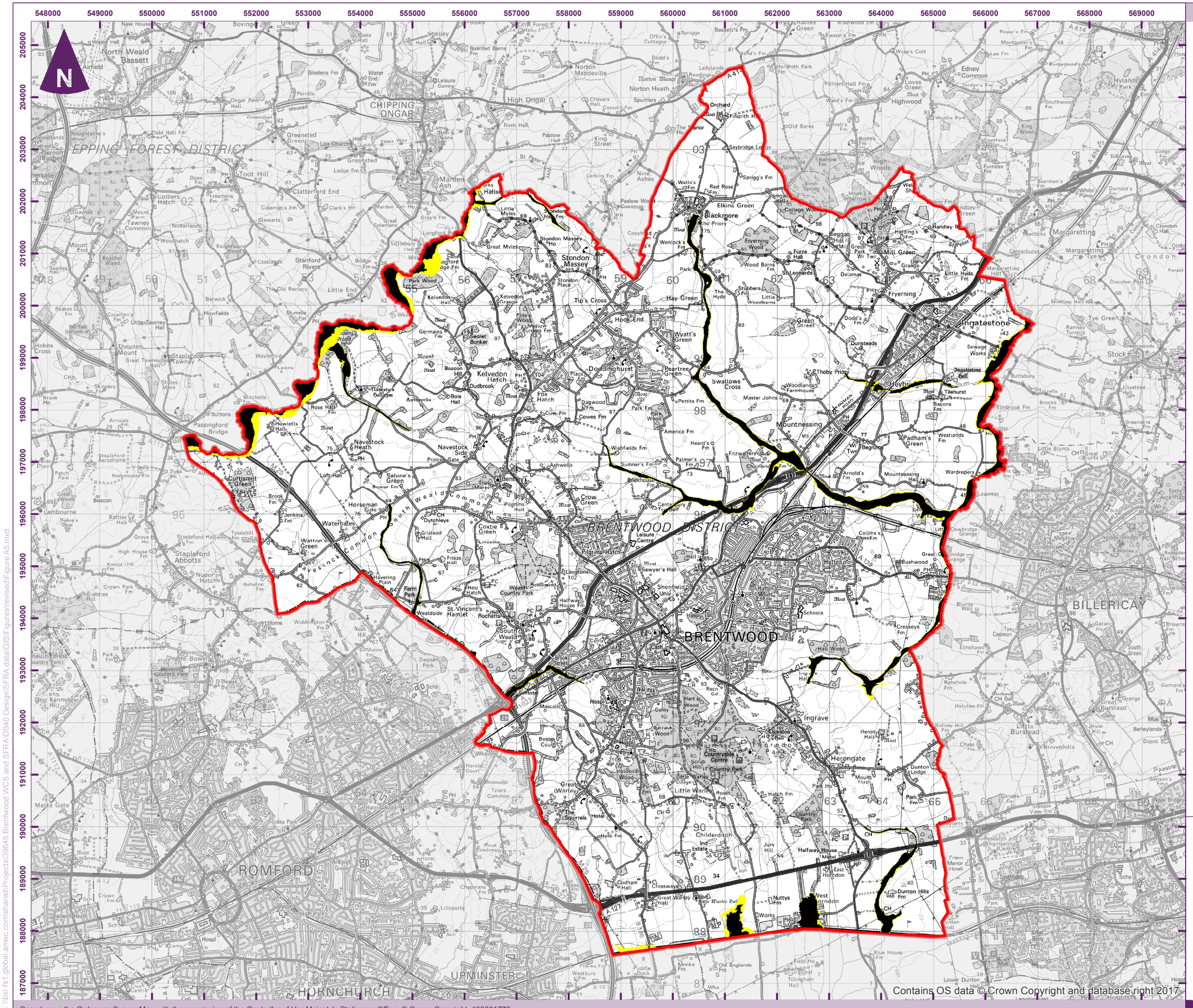
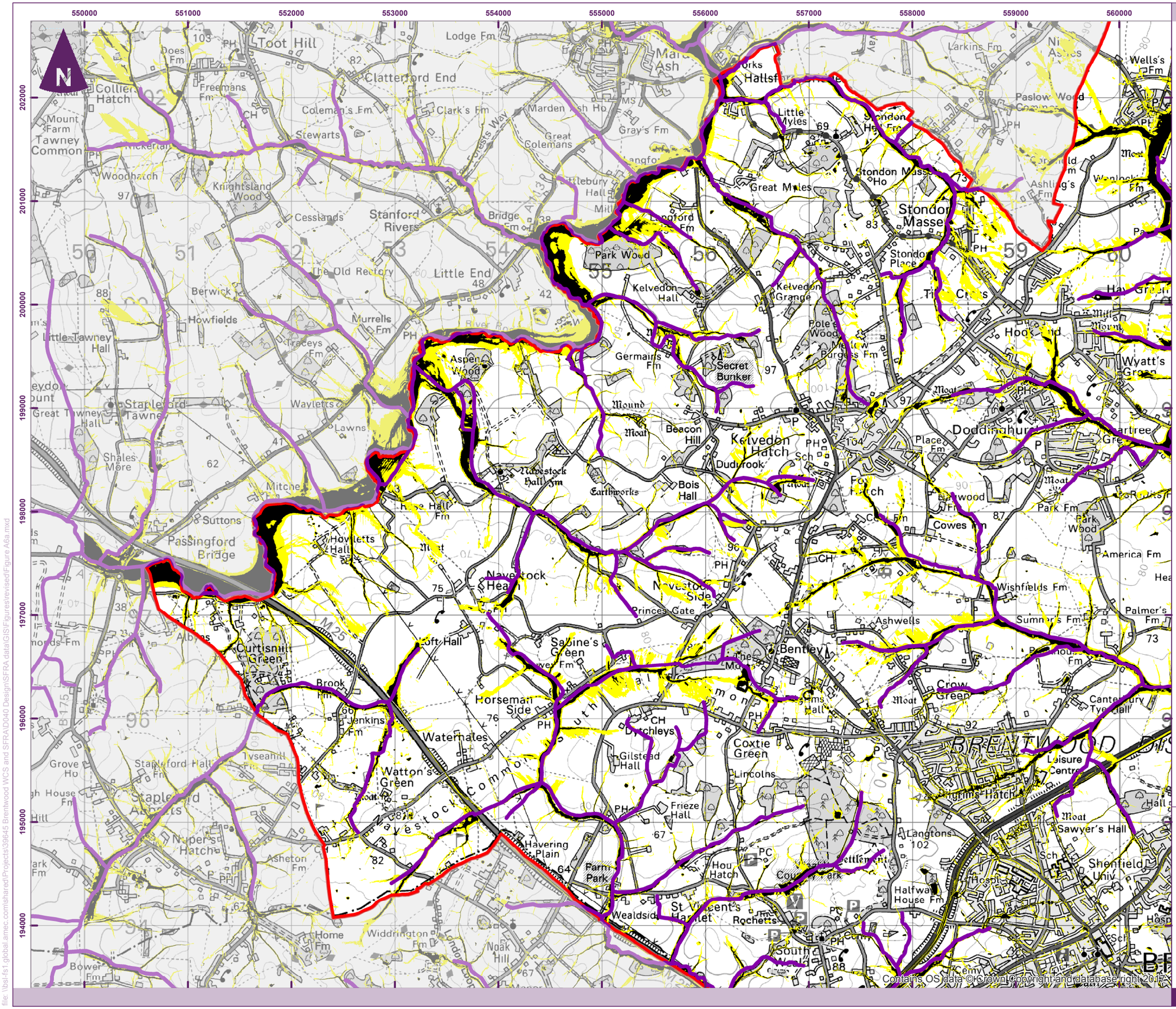
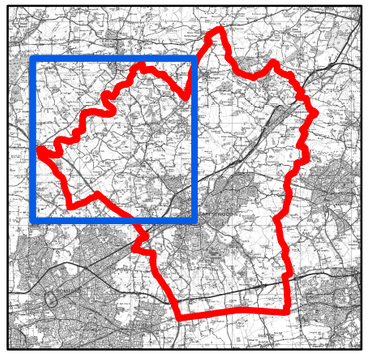

N
EPPING FOREST DISTRICT
BRENTWOOD DISTRICT
BRENTWOOD
Ingatestone
Mountnessing
Blackmore
Stondon Massey
Kelvedon Hatch
Doddinghurst
Navestock Side
Navestock Heath
Bentley
Ingrave
Herongate
Hutton
Shenfield
Hook End
Hay Green
Fryerning
Mill Green
Margaretting
Highwood
Chipping Ongar
Marden Ash
Toot Hill
Stapleford Abbotts
Stapleford Tawney
Passingford Bridge
Navestock Common
Weald Common
Ingrave
Herongate
Little Warley
Great Warley
Childerditch
Dunton Hills
West Horndon
East Horndon
Halfway House
Dunton
Billericay
Little Burstead
Great Burstead
Stock
Ramsey
Tye Green
Buttsbury
Ongar
Chipping Ongar
Romford
Upminster
Hornchurch
Harold Hill
Harold Wood
Gidea Park
Chadwell Heath
Marks Gate
Lambourne
Abridge
Theydon Mount
Theydon Bois
Epping
Loughton
Chigwell
Hainault Forest Country Park
Havering Country Park
Havering-atte-Bower
Langtons
Weald Country Park
Thorndon Park
Country Park
Countryside Centre
Leisure Centre
Shenfield Univ
Sawyer's Hall
Pilgrims Hatch
Crow Green
Coxtie Green
Dytchleys
Waterhouse
Horseman Side
Havering Plain
Farm Park
Wealdside
St Vincent's Hamlet
Rochetts
South Weald
Brook Street
Warley
Hutton Mount
Hutton Hall
Creaseys Fm
Hall Wood
Bushwood
Great Bushwood
Little Bushwood
Collins's Fm
Cowbridge Grange
Lake Meadows
Norsey Wood
Billericay
Laindon
Dunton Park
Langdon
Langdon Hills
Lower Dunton
Dunton Hills Fm
Nuttys Fm
Works
Codham Hall
Crosways
Great Warley Hall
Little Warley Hall
Hatch Fm
Country Park
Jury Hill
Halfway House
Mount Thrift
Park Ho
Dunton Lodge
Park Fm
Friern Manor Hotel
Research and Engineering Centre
Steeple View Fm
Blue House Fm
Field Ho
Old Englands Fm
Tillingham Hall
Puddle Dock
Mnnks Fm
Westbury Fm
Cranham
Hospl
Cemy
Depot
Sch
Mus
Leisure Centre
Civic Centre
Crown Fm
Chapmans Fm
Lillyputts
Emerson Park
Hacton
Upminster
Hornchurch
Romford



Key

- Detailed river network
- Brentwood Borough Council Boundary
- 1 in 100 annual probability of surface water flooding
- Areas potentially vulnerable to climate change



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A6 a
Brentwood Borough - Climate change for unmodelled main rivers and ordinary watercourses

November 2017 Figure A6a.mxd brays

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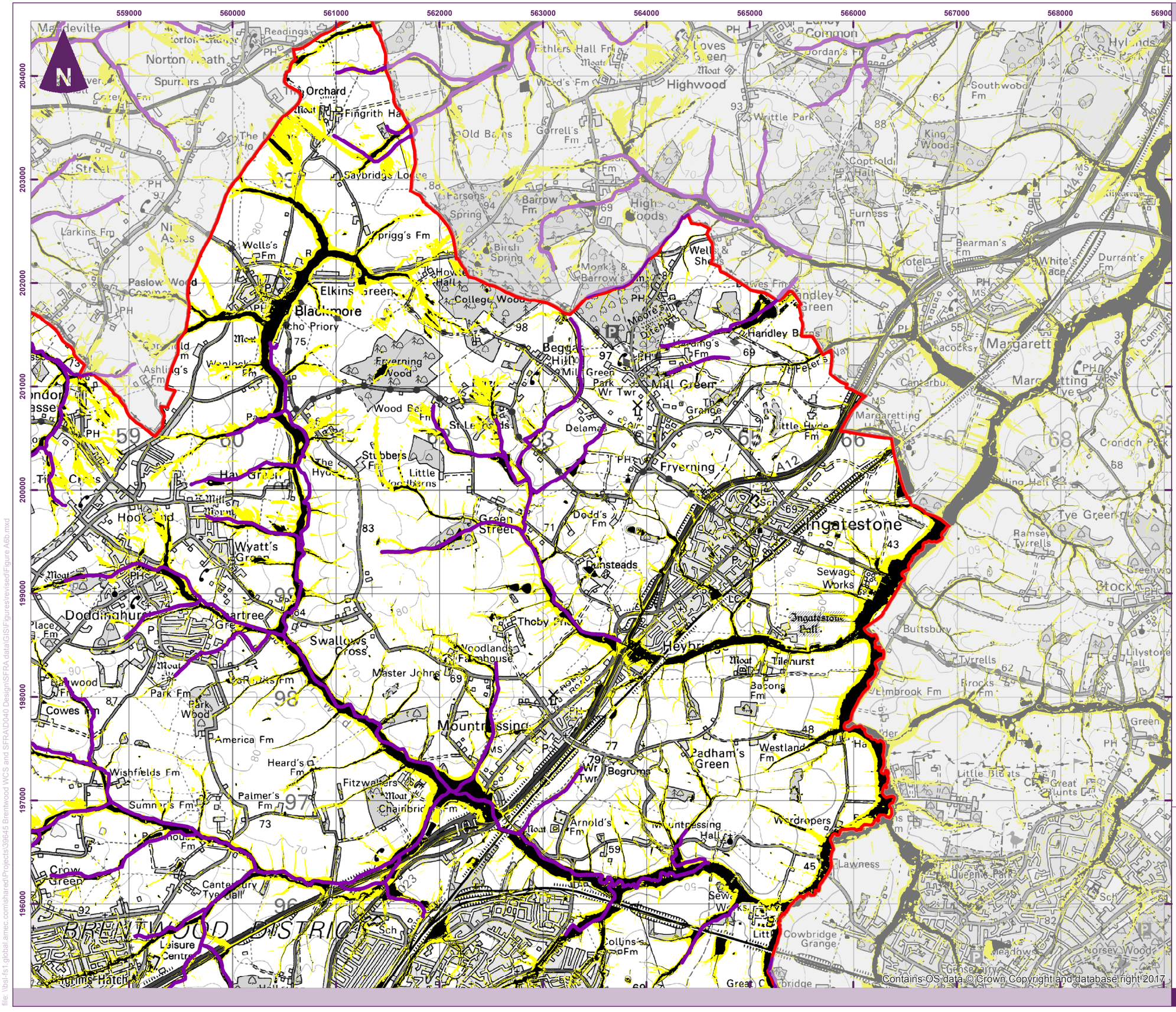
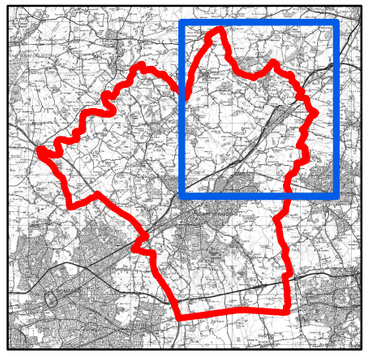


Key

- Detailed river network
- Brentwood Borough Council Boundary
- 1 in 100 annual probability of surface water flooding
- Areas potentially vulnerable to climate change



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A6 b
Brentwood Borough - Climate change for unmodelled main rivers and ordinary watercourses

November 2017 Figure A6b.mxd brays

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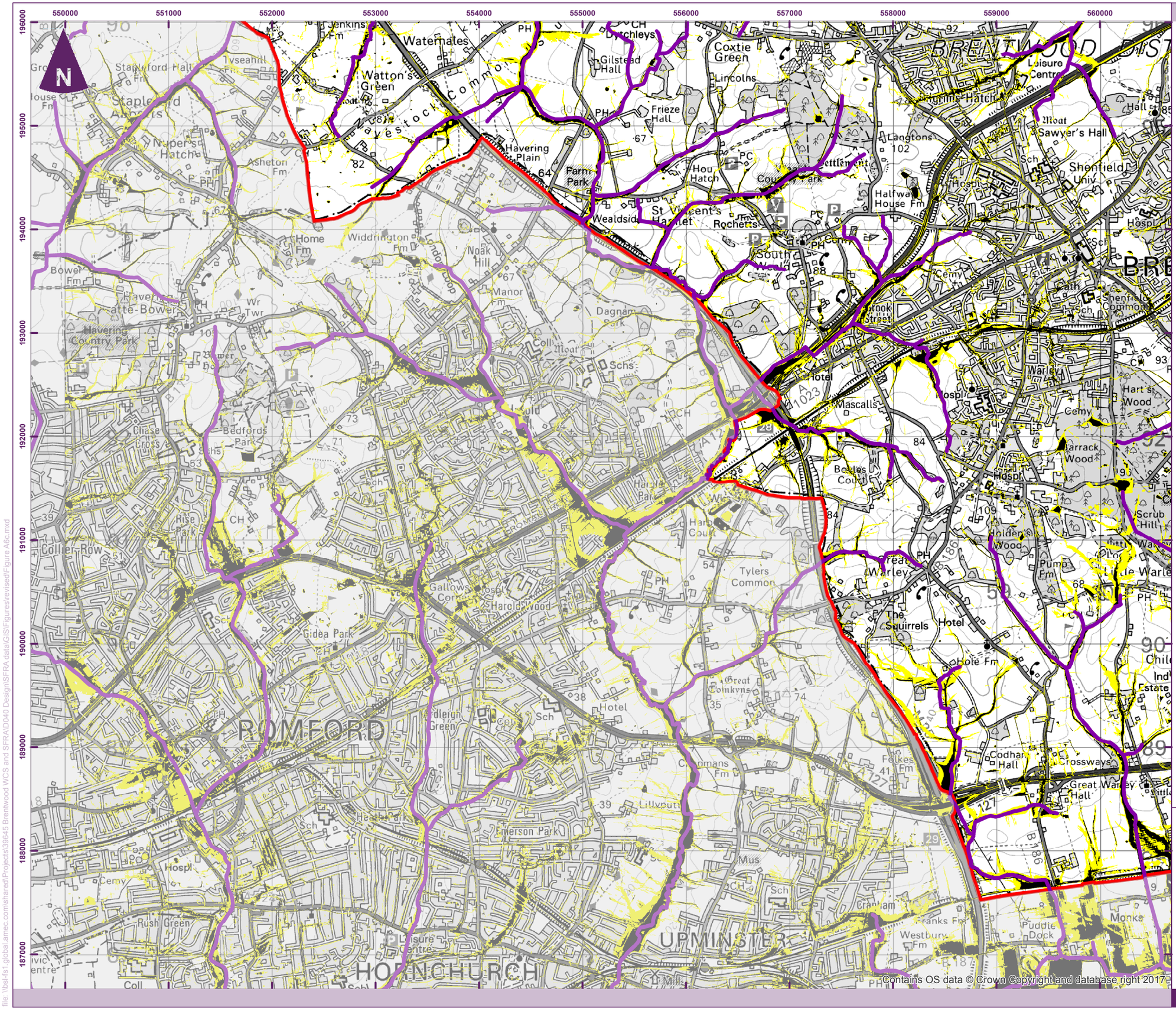
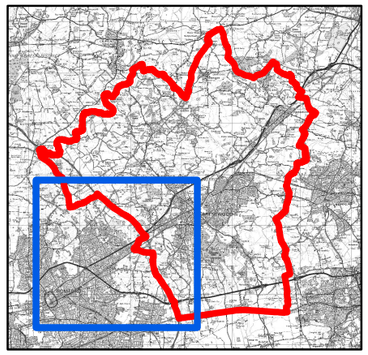


Key

- Detailed river network
- Brentwood Borough Council Boundary
- 1 in 100 annual probability of surface water flooding
- Areas potentially vulnerable to climate change



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A6 c
Brentwood Borough - Climate change for unmodelled main rivers and ordinary watercourses

November 2017 | Figure A6c.mxd brays

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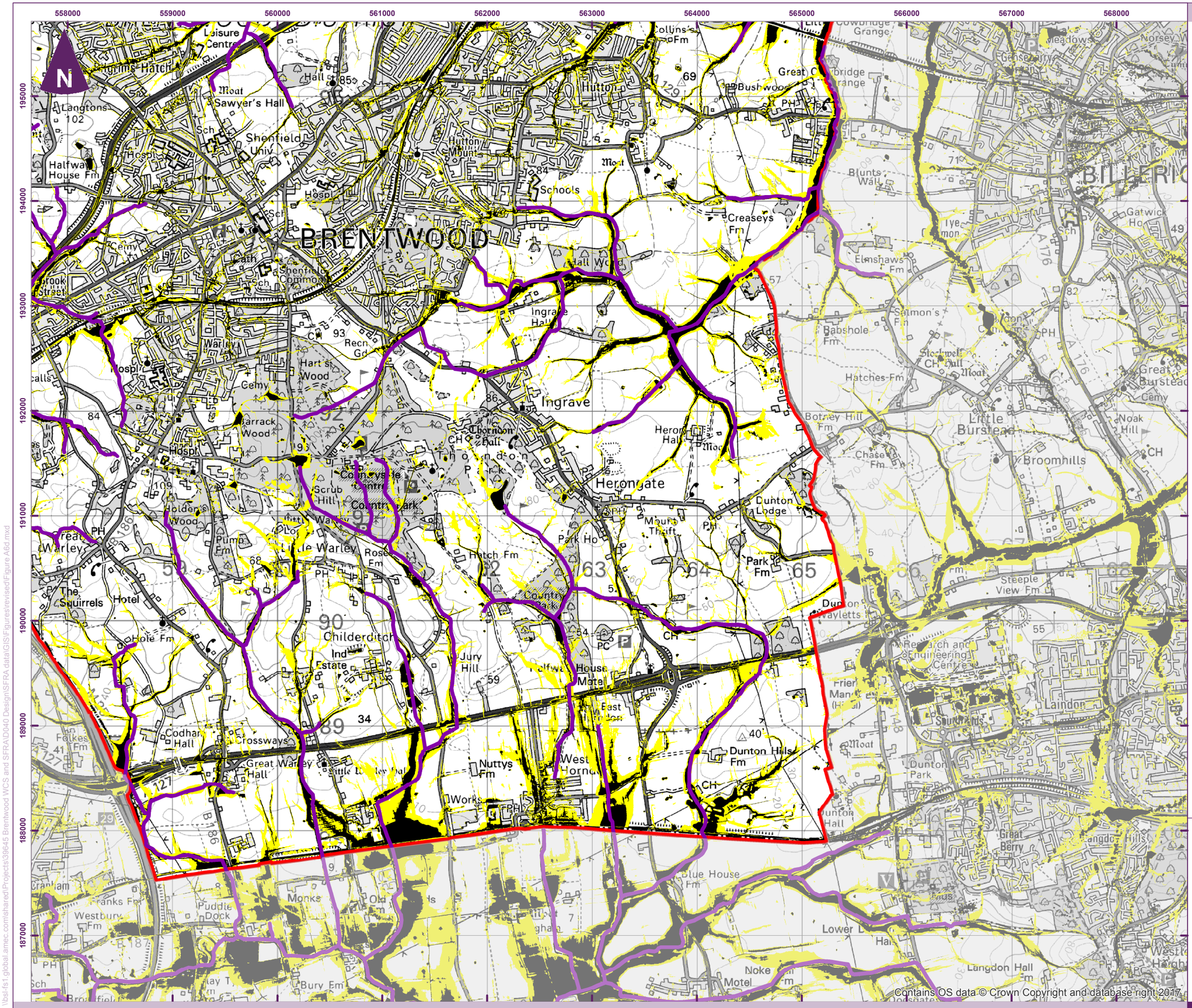
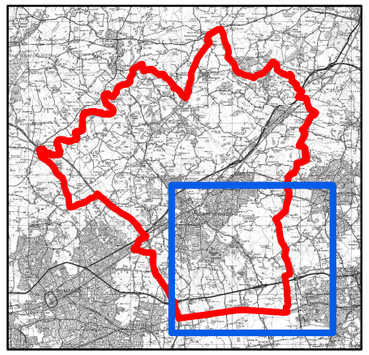


Key

- Detailed river network
- Brentwood Borough Council Boundary
- 1 in 100 annual probability of surface water flooding
- Areas potentially vulnerable to climate change



0 0.3 0.6 0.9 1.2 1.5 km

Scale at A3: 1:35,000

Brentwood Level 1 SFRA

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Figure A6 d
Brentwood Borough - Climate change for unmodelled main rivers and ordinary watercourses

November 2017 Figure A6d.mxd brays

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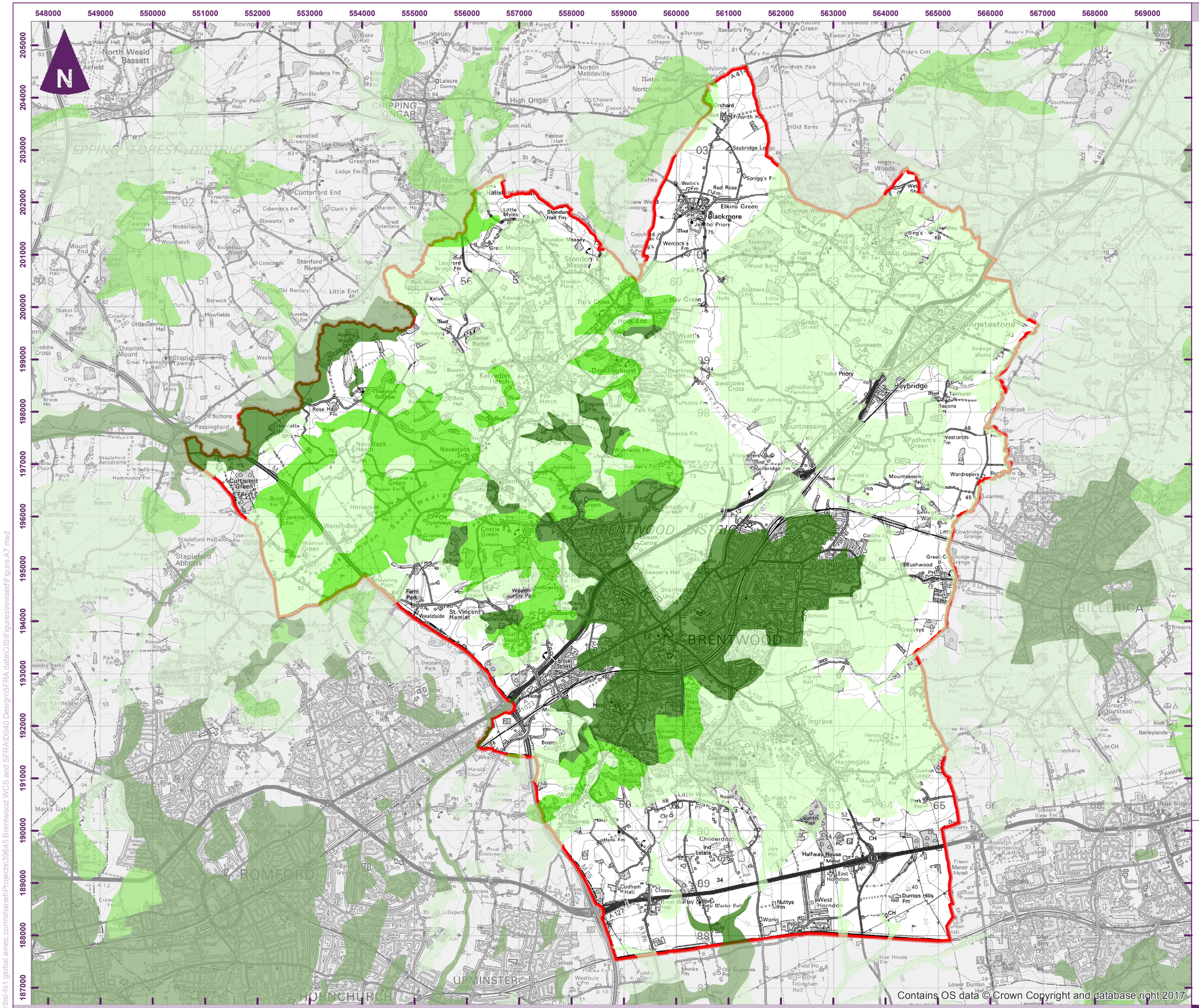

Key

Aquifer Type / Leaching Potential

- Minor / High
- Minor / Intermediate
- Minor / Low
- Brentwood Borough Council Boundary

0 0.5 1 1.5 2 2.5 km

Scale at A3: 1:70,265

Brentwood Level 1 SFRA

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Figure A7
Brentwood Borough Groundwater Vulnerability Classification

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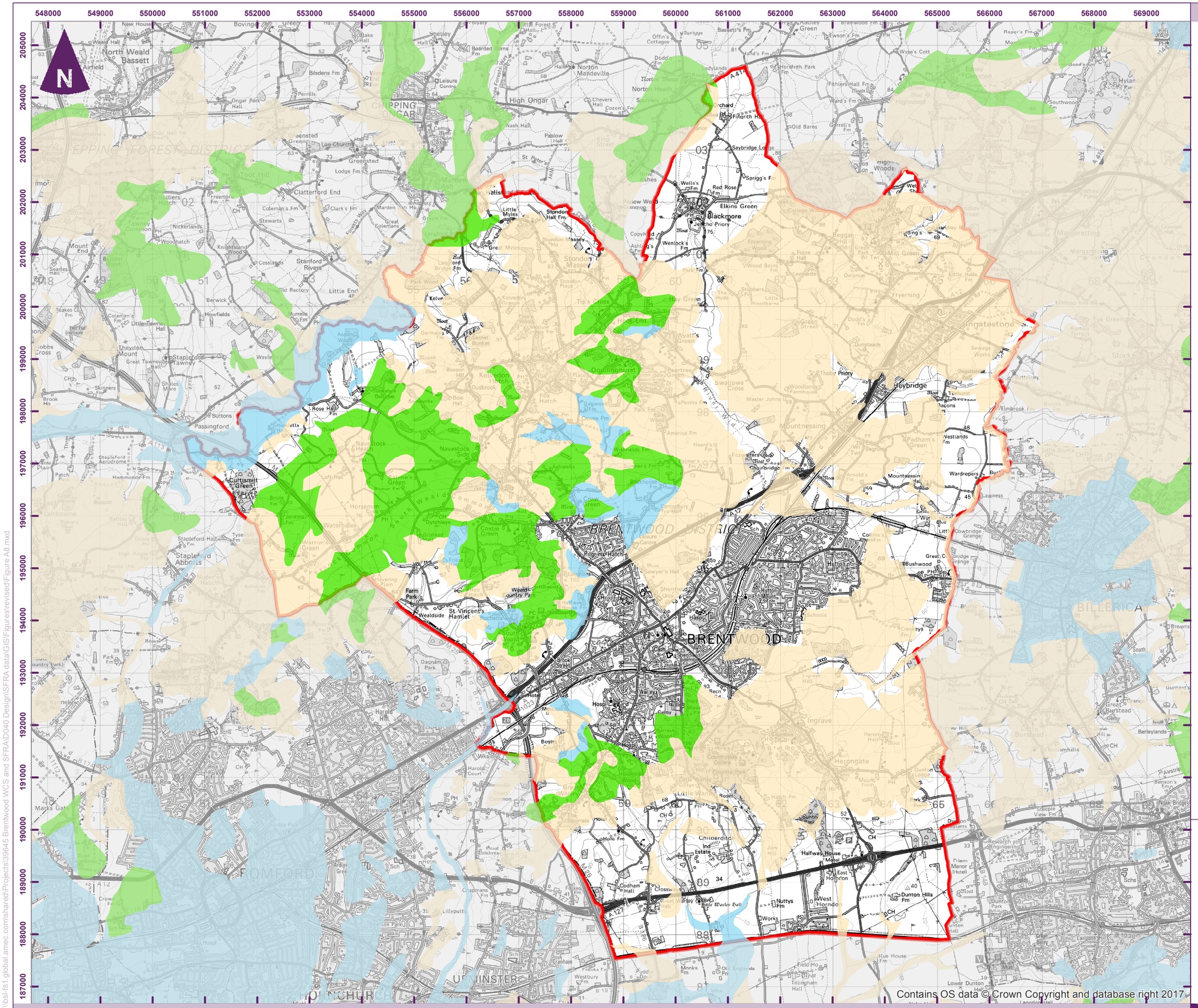

Key

Suitability of Infiltration SuDS

- High
- Intermediate
- Low
- Brentwood Borough Council Boundary

0 0.5 1 1.5 2 2.5 km

Scale at A3: 1:70,265

Brentwood Level 1 SFRA

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Figure A8
Brentwood Borough Infiltration SuDS Potential

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