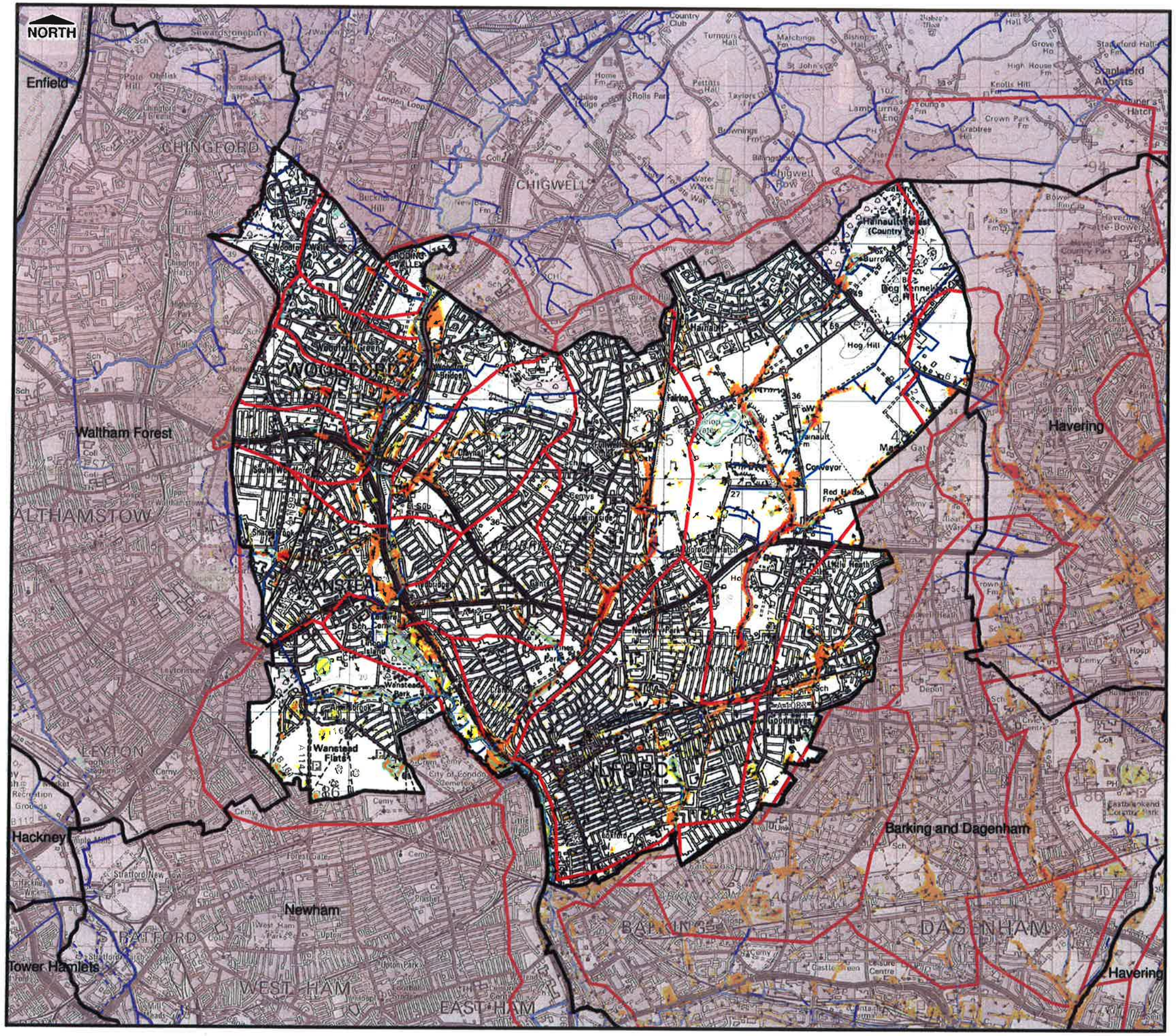

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Culverted Watercourse
- Ordinary Watercourse
- Main River
- Permanent Water Bodies
- LB Redbridge Administrative Boundary
- Critical Drainage Area
- Flow Direction

Hazard

- Caution (Very low hazard)
- Moderate (Danger for some)
- Significant (Danger for most)
- Extreme (Danger for all)

Notes

1. This map only shows the predicted likelihood of surface water flooding (this includes flooding from sewers, drains, small watercourses and ditches that occurs in heavy rainfall) for defended areas, and due to the coarse nature of the source data used, are not detailed enough to account for precise addresses.

2. Users of this map should refer to section 3.2 of the Surface Water Management Plan for a complete description of imitations and accuracy of the flood extents shown.

London Borough of Redbridge

London Borough of Redbridge

Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:50,000	23/03/2011	N.Smith	P.Eccleston

Surface Water Flood Hazard Rating
1 in 100 Chance of rainfall event occurring in any given year plus an allowance for climate change

Consultants

JBA consulting

JACOBS

Jacobs UK Ltd.
Simpson House
6 Cherry Orchard Road
CROYDON
Surrey
CR9 6BE

Drain London Programme Board Members

Environment Agency

Thames Water

LONDON COUNCILS

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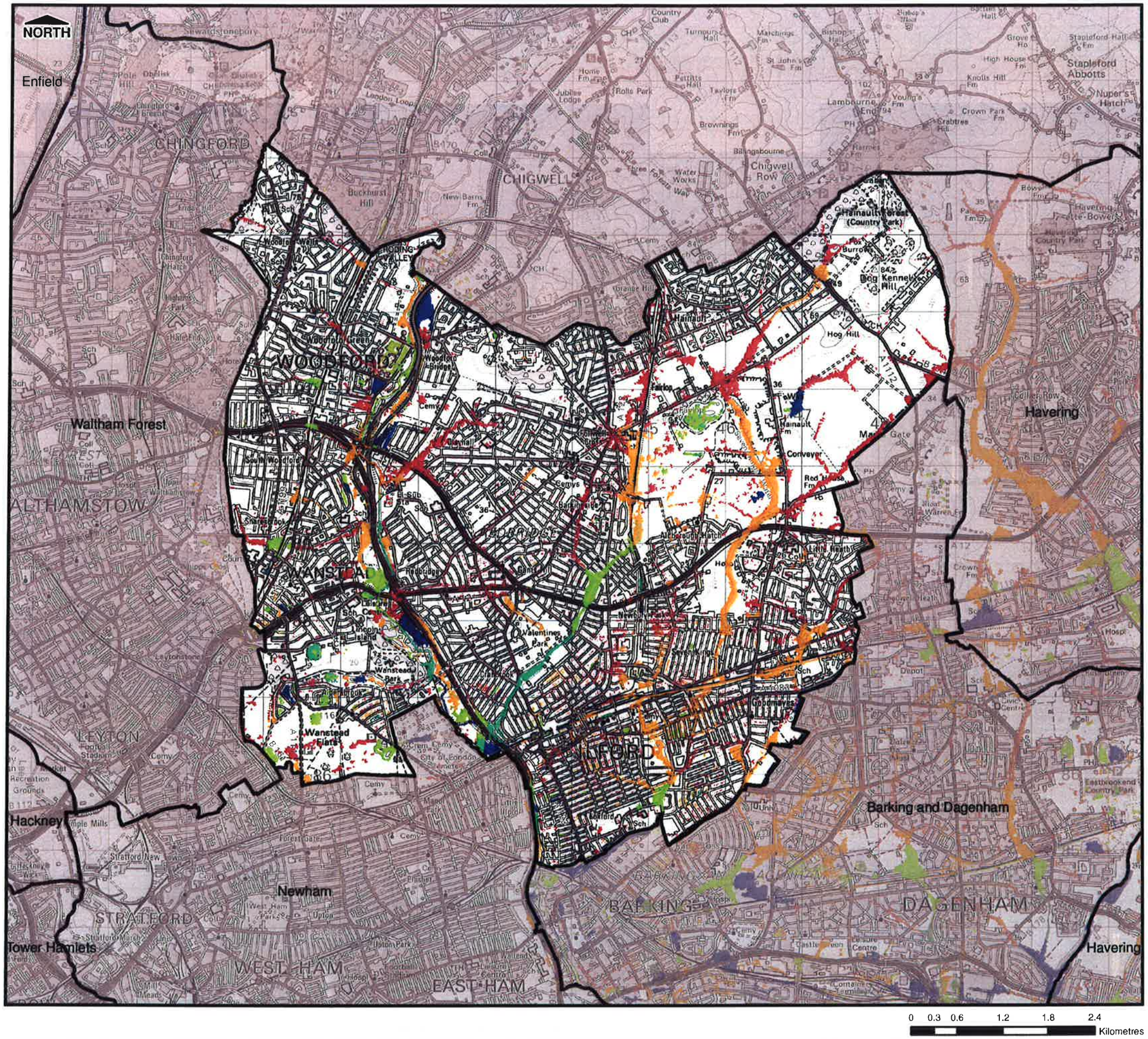
FIGURE D.15

Filepath: N:\2010\Projects\2010s4514 - Jacobs UK Ltd - Drain London Tier 2 Group 5\Graphical Data\ArcGIS\Templates\Revised Tempates\SWMP_100y+cc_Hazard_Map_Redbridge.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- LB Redbridge Administrative Boundary

Time to Peak

- Early Peak
- Early-Medium Peak
- Medium Peak
- Medium-Late Peak
- Late Peak

Notes

This map is based on the time to peak (maximum depth) simulated during the 1 in 100 year annual rainfall probability event of 3-hour duration. The actual time to flood during any event will depend upon many factors including the local topography, the location, direction and intensity of rainfall and the antecedent conditions. Therefore the map is presented without actual times. Instead, relative bands of time to peak depth are presented. The map is intended to indicate to responders the likely order of flooding during a severe rainfall event across the Borough.

London Borough of Redbridge

London Borough of Redbridge

Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:50,000	30/03/2011	N.Smith	P.Eccleston

Time to Peak
1 in 100 Chance of rainfall event occurring in any given year (1% AEP)

Consultants

JBA consulting
JACOBS

Jacobs UK Ltd.
Simpson House
6 Cherry Orchard Road
CROYDON
Surrey
CR9 6BE

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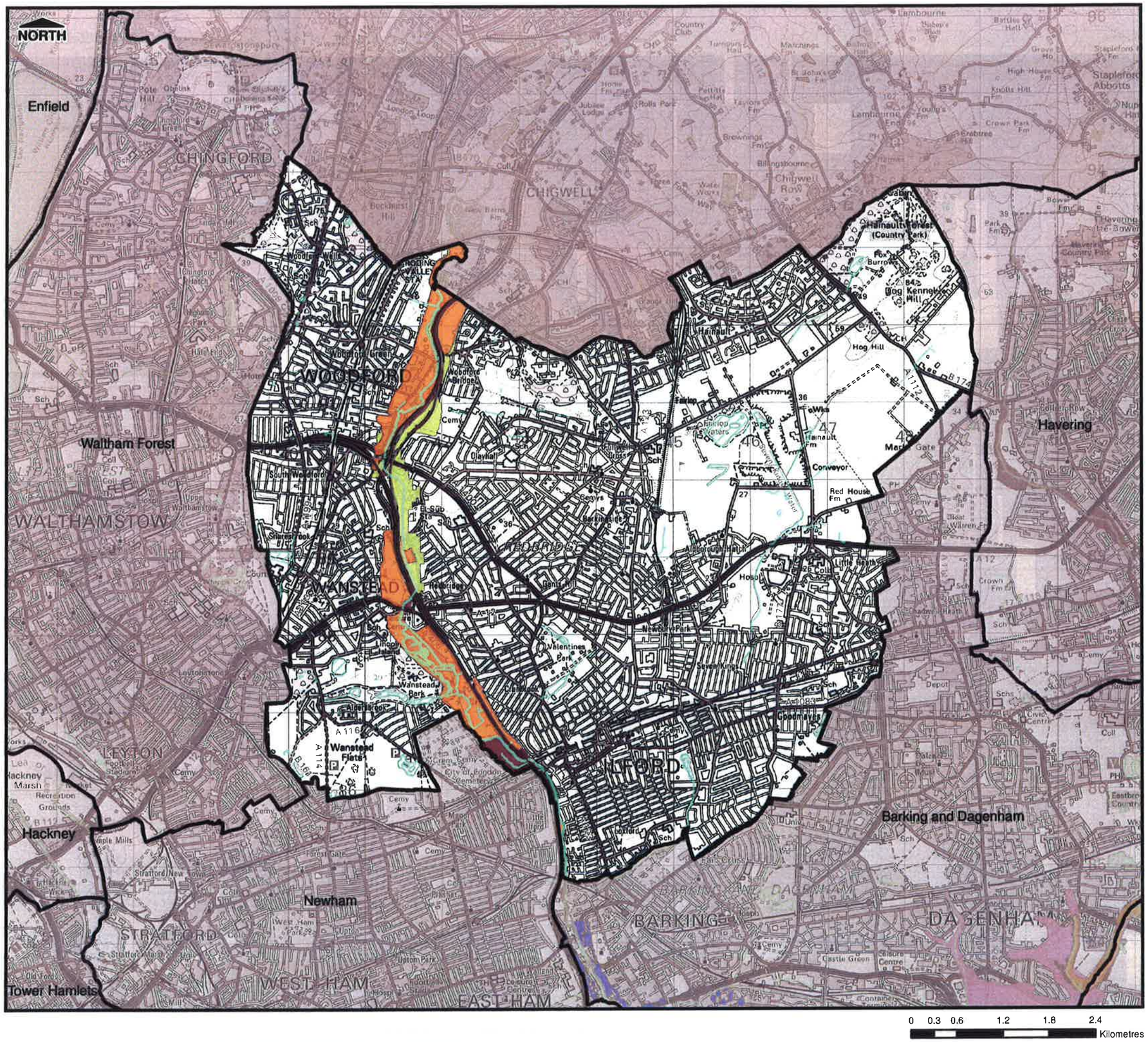
FIGURE D.18

Filepath: N:\2010\Projects\2010s4514 - Jacobs UK Ltd - Drain London Tier 2 Group 5\Graphical Data\ArcGIS\Templates\Revised Templates\SWMP_100y_Time_to_Peak_Map_Redbridge.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- LB Redbridge Administrative Boundary
- Permanent Water Body

Environment Agency Fluvial Flooding Incidents

- 14/02/2007
- 23/12/2002
- 01/01/2000
- 21/10/2001
- 01/10/1993
- 01/01/1993
- 1992
- 1987
- 1974
- 1968
- 1953
- 1947
- 1928
- 1706

London Borough of Redbridge

London Borough of Redbridge

Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:50,000	29/03/2011	N.Smith	P.Eccleston

Environment Agency Flood Map and Fluvial Flooding Incidents

Consultants

JBA consulting JACOBS

Jacobs UK Ltd.
Simpson House
6 Cherry Orchard Road
CROYDON
Surrey
CR9 6BE

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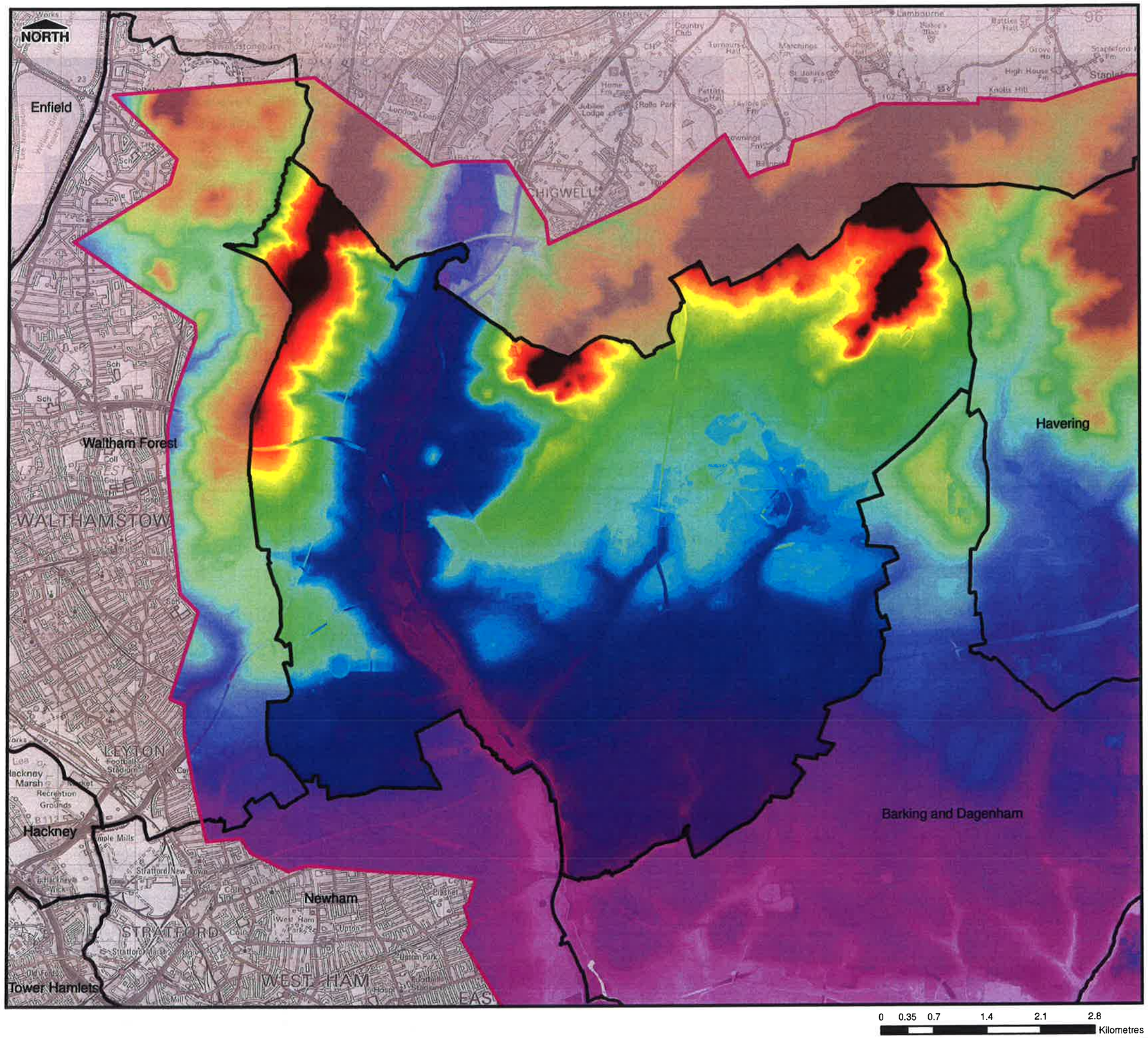
FIGURE D.17

Filepath: N:\2010\Projects\2010s4514 - Jacobs UK Ltd - Drain London Tier 2 Group 5\Graphical Data\ArcGIS\Templates\Revised Tempates\SWMP_EA_Flood_Map_with_Fluvial_and_Tidal_Incidents_Redbridge.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- LB Redbridge Administrative Boundary
- Critical Drainage Area

DTM Source

- 1m resolution Infoterra LIDAR supplied by GLA
- 2m resolution LIDAR supplied by EA

LIDAR DTM (mAOD)

High : 106

Low : -6

Notes

London Borough of Redbridge

London Borough of Redbridge

Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:50,000	10/03/2011	N.Smith	P.Eccleston

LIDAR Topographic Survey

Consultants

JBA consulting JACOBS

Jacobs UK Ltd.
Simpson House
6 Cherry Orchard Road
CROYDON
Surrey
CR9 6BE

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FIGURE 1.4.1

Filepath: N:\2010\Projects\2010s4514 - Jacobs UK Ltd - Drain London Tier 2 Group 5\Graphical Data\ArcGIS\Templates\Revised Templates\SWMP_LIDAR_Topographic_Survey_Map_Redbridge.mxd