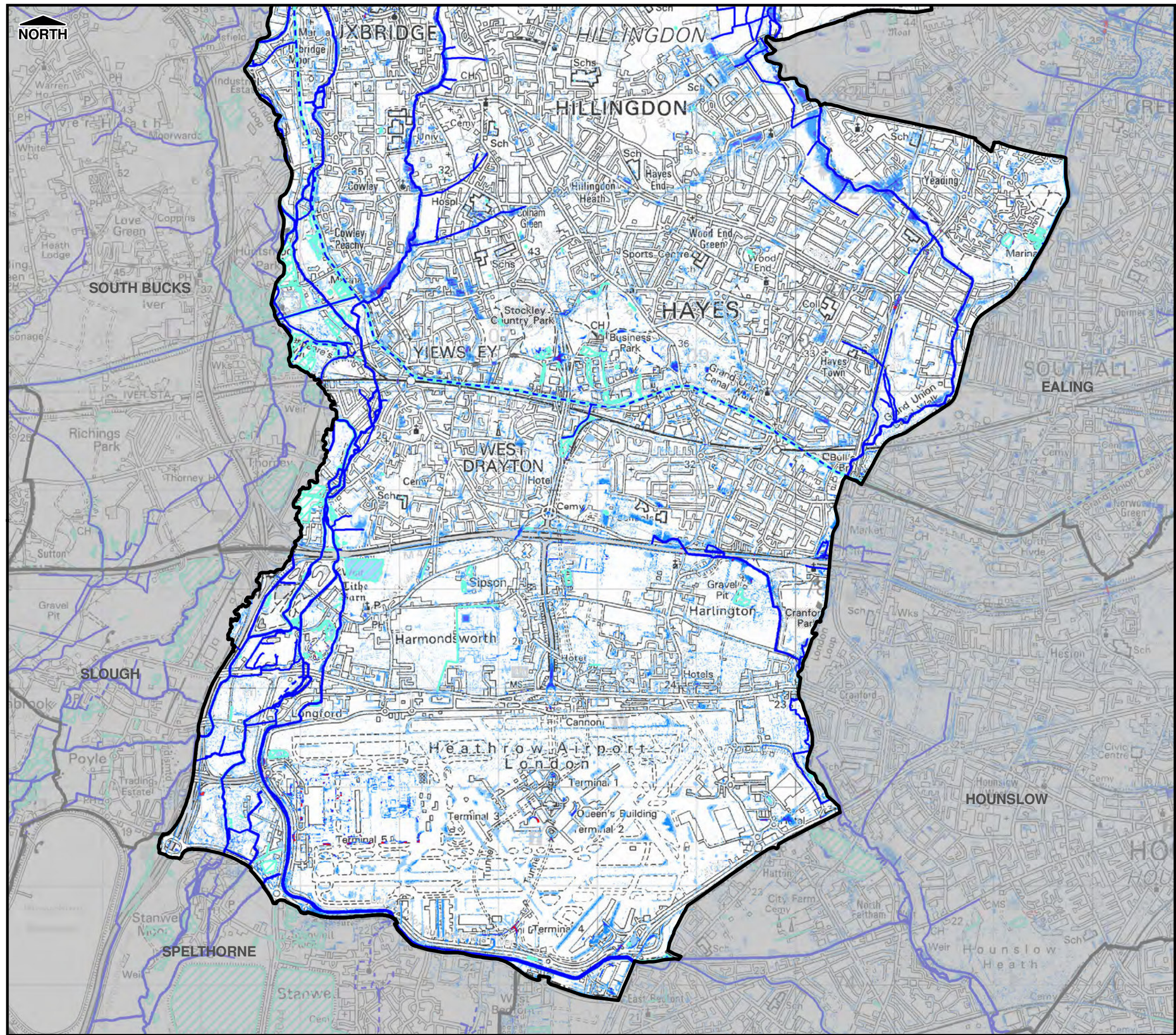


Filepath: L:\Environment\zwet\CS046913_Drain\London_Tier2\Group1\ARC\mxd\PFRA\GP1_Hillingdon_FigB-3.2_Depth_100CC.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
 - Main River
 - Ordinary Watercourse
 - Culverted Watercourse (Main River)
 - Permanent Water Bodies
- Flood Depth
- < 0.1m
 - 0.1m - 0.25m
 - 0.25m - 0.5m
 - 0.5m - 1.0m
 - 1.0m - 1.5m
 - > 1.5m

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 defined 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 limitations and accuracy of the flood/hazard extents shown.

London Borough of Hillingdon



Preliminary Flood Risk Assessment

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Scale at A3	Date	Drawn by	Approved by
1:40,000	06/04/2011	R.MOORE	P.HLINOVSKY

Surface Water Depth (m)
1 in 100 plus climate change Chance of rainfall event occurring in any given year (1% AEP + CC)

Consultants

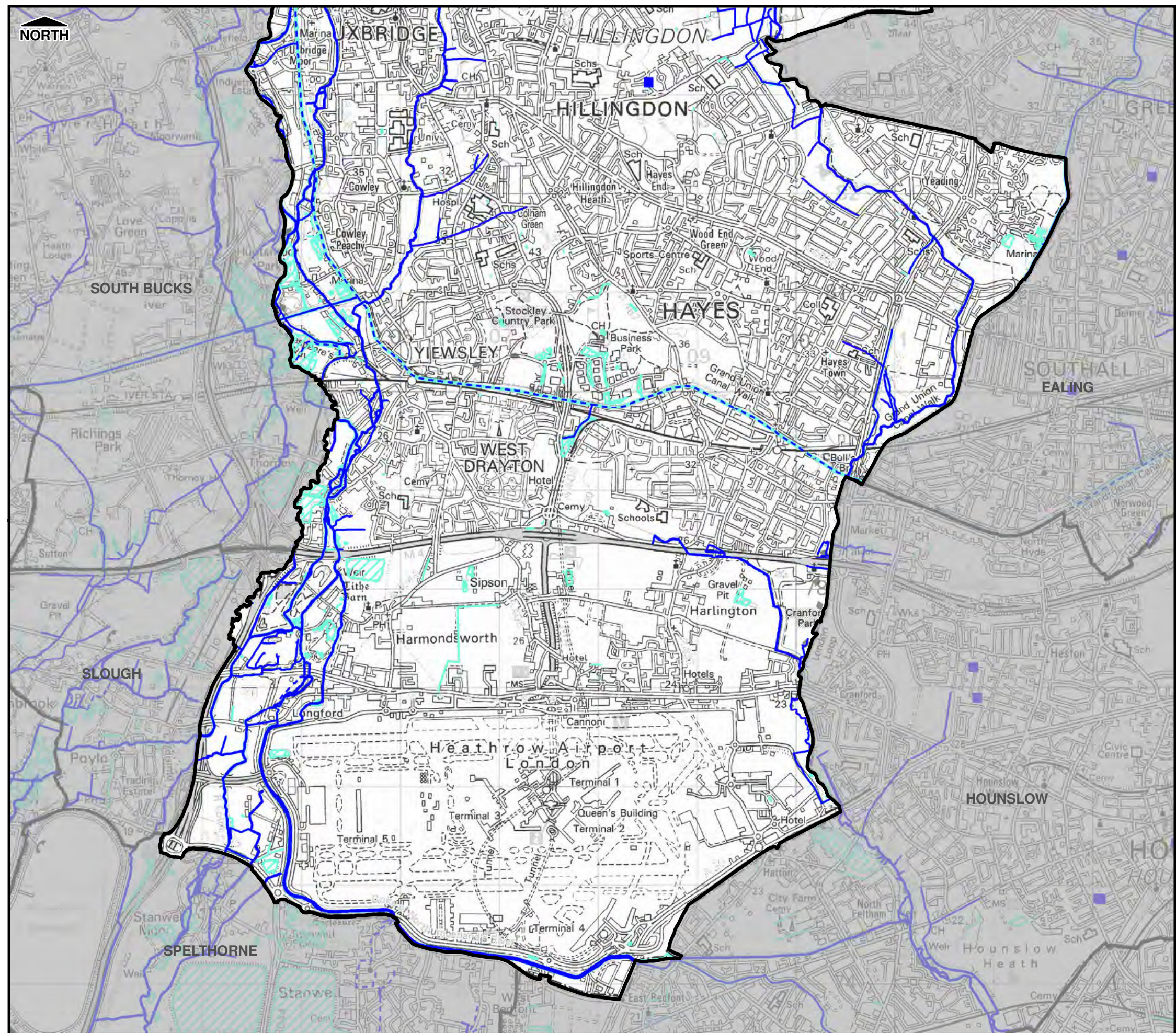
Capita Symonds
Level Seven,
52 Grosvenor Gardens,
Belgravia,
London
SW1W 0AU

Drain London Programme Board Members

GREATERLONDONAUTHORITY

FIGURE B-3.2

Filepath: L:\Environment\zwet\CS046913_DrainLondon_Tier2\Group1\ARC\mxds\PFRA\GP1_Hillingdon_FigA-3.2_GWIncidents.mxd



THIS DRAWING MAY BE USED ONLY FOR
THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse (Main River)
- Permanent Water Bodies
- Groundwater Flood Incident (EA Records)
- Ground Water Flood Outline

Notes

London Borough of Hillingdon



Preliminary Flood Risk Assessment

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Scale at A3	Date	Drawn by	Approved by
1:40,000	06/04/2011	R.MOORE	P.HLINOVSKY

Summary Map of Past Floods - Ground Water Incidents

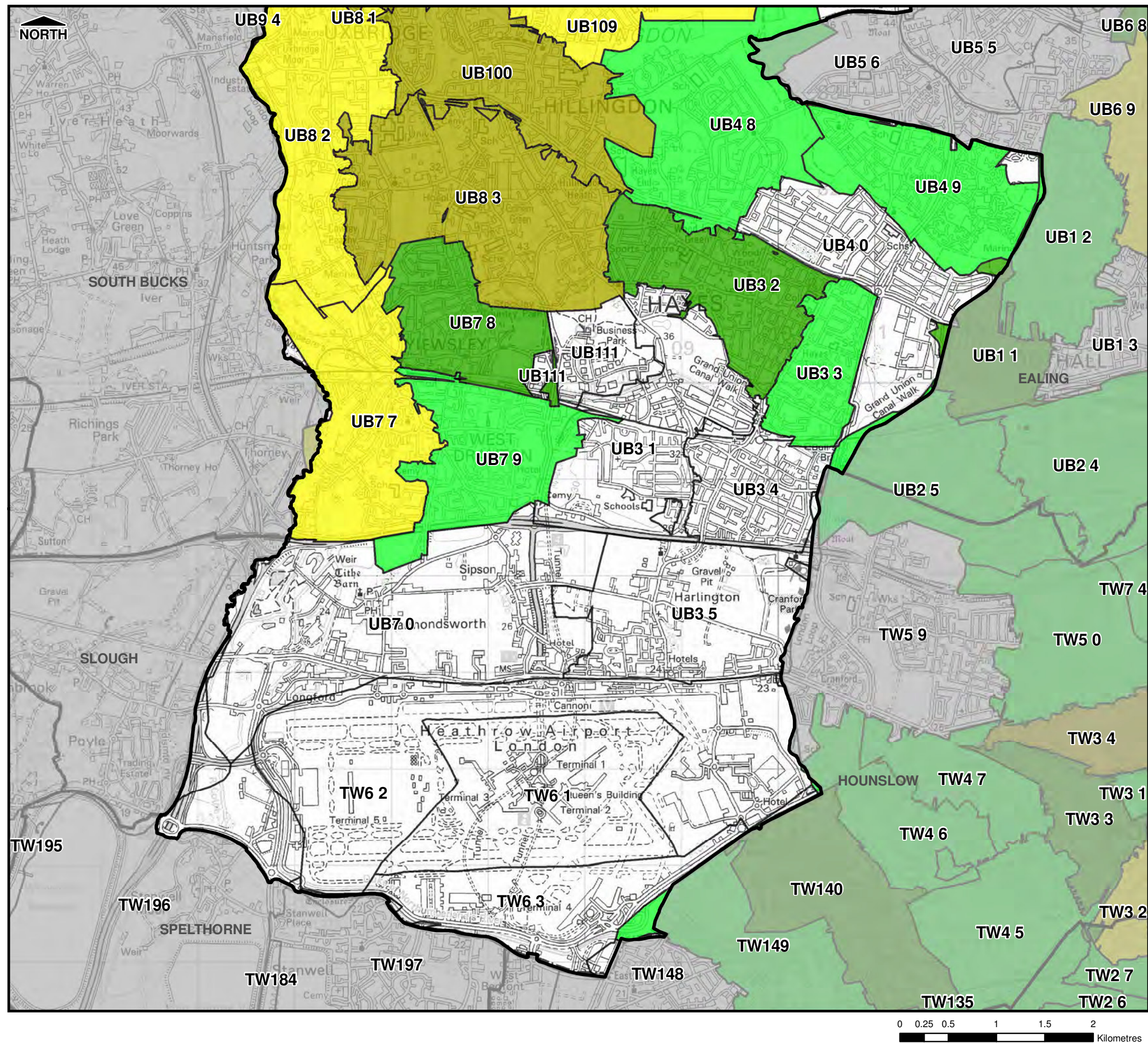
Consultants	
CAPITA SYMONDS Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU

Drain London Programme Board Members



FIGURE A-3.2

Filepath: L:\Environment\zwet\CS046913_DrainLondon_Tier2\Group1\ARC\mxds\PFRA\GP1_Hillingdon_FigA-4.2_SewerIncidents.mxd



THIS DRAWING MAY BE USED ONLY FOR
THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
- Sewer Flooding Incidents
- Sewer Flood Outline
- No. of Sewer Flood Records
 - None
 - 1 - 5
 - 6 - 10
 - 11 - 20
 - 21 - 50
 - 51 - 100
 - 101+

Notes

- Sewer flood records relate to internal and external flooding of properties
- Data supplied by Thames Water Ltd and is correct as at June 2010

London Borough of Hillingdon



Preliminary Flood Risk Assessment

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Scale at A3	Date	Drawn by	Approved by
1:40,000	06/04/2011	R.MOORE	P.HLINOVSKY

Summary Map of Past Floods - Sewer Incidents

Consultants
CAPITA SYMONDS Capita Symonds
Level Seven,
52 Grosvenor Gardens,
Belgravia,
London
SW1W 0AU

Drain London Programme Board Members



FIGURE A-4.2

APPENDIX C – SURFACE & FOUL WATER MANAGEMENT DRAWINGS AND CALCULATIONS

Drawing No.	Title
C151867/C/101	Proposed Drainage Catchment Areas
C151867/C/102	Proposed Surface Water Attenuation Locations
C151867/C/001	Proposed Drainage Strategy – Sheet 1
C151867/C/002	Proposed Drainage Strategy – Sheet 2
-	Canal & River Trust – Nestlé Drive, Hayes – Stage Three Assessment Pro-Forma
-	MicroDrainage – ICP SUDS 'Greenfield Run-off Rate Calculations
-	MicroDrainage – Network Model Calculations

- NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH C151867/C/001, C151867/C/002 AND C151867/C/102.



TOTAL IMPERMEABLE AREA DRAINING TO CANAL 2.38ha
TOTAL IMPERMEABLE AREA DRAINING TO THAMES WATER 2.46ha

- PERMEABLE PAVING
- PODIUM
- IMPERMEABLE CATCHMENT AREAS (ROOF AND PAVING)

P6	21.04.17	UPDATED SITE PLAN	AB	JH
P5	27.01.17	P12 AND P14 AMENDED	AB	JH
P4	25.01.17	LEGEND AND HATCHING AMENDED	AB	JH
P3	22.12.16	PRELIMINARY- CATCHMENTS AREAS AMENDED	AB	JH
P2	19.12.16	PRELIMINARY- CATCHMENTS AREAS AMENDED	AB	JH
P1	25.10.16	PRELIMINARY ISSUE	AB	JH
Rev	Date	Description	By	Ckd

Architect :
MAKOWER ARCHITECTS

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30 Hyde Valley Innovation Centre
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M6 6PU
T +44 (0)121 5069040
www.hydrock.com

Client :
BARRATT — LONDON —

Project Title:
**FORMER NESTLÉ SITE
HAYES**

Drawing Title:
**PROPOSED DRAINAGE
CATCHMENT AREAS**

Drawing Status:
PRELIMINARY ISSUE

Hydrock Job No: **C151867**

Drawn	Checked	Scale @ A1	Date	Issue Date
AB	JH	1:1000	27.01.16	27.01.16

Drawing Number:	Revision:
C151867/C/101	P6