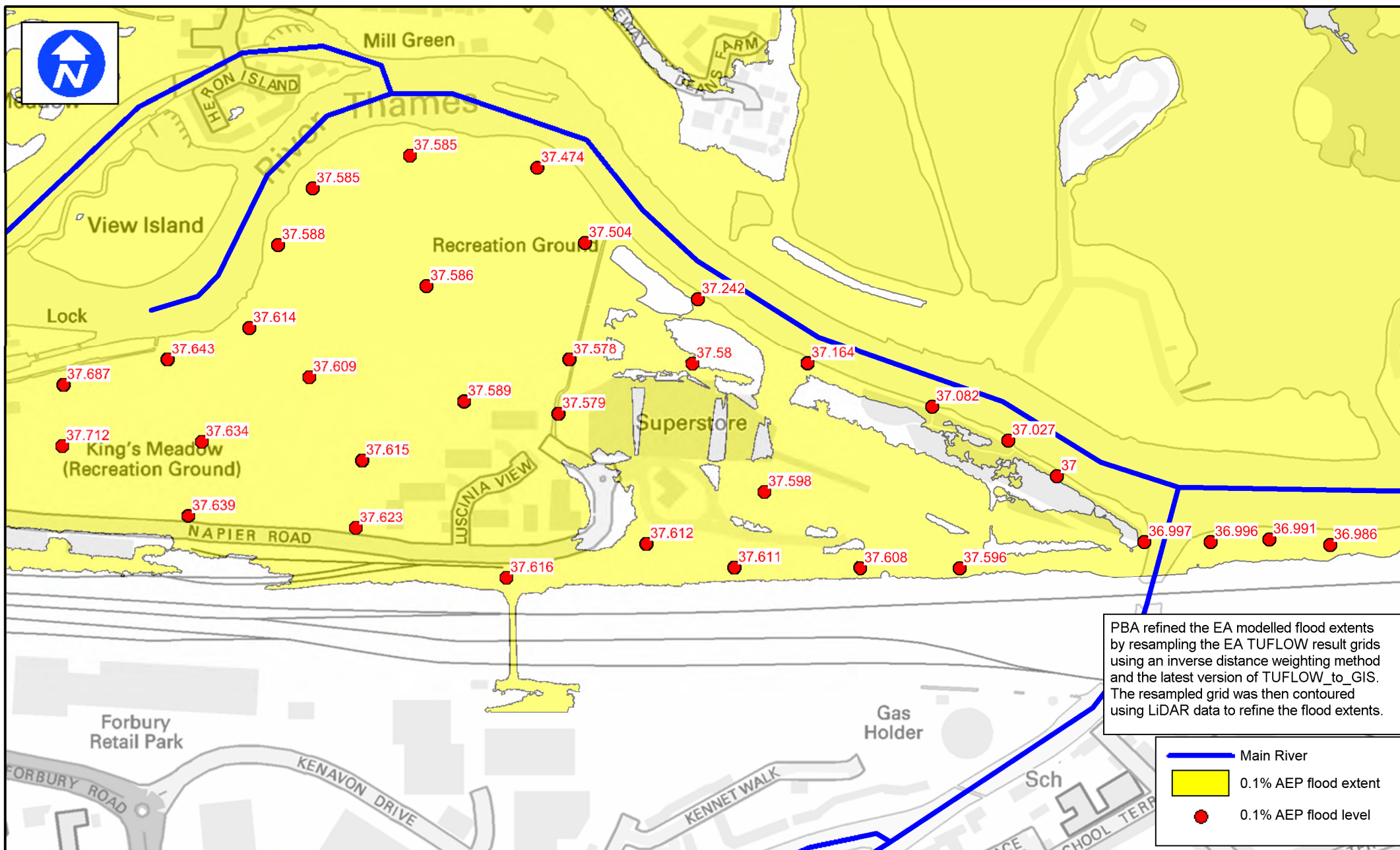




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East Reading MRT

Environment Agency 0.1% AEP flood levels
with PBA refined flood extents

Date: 13/01/16

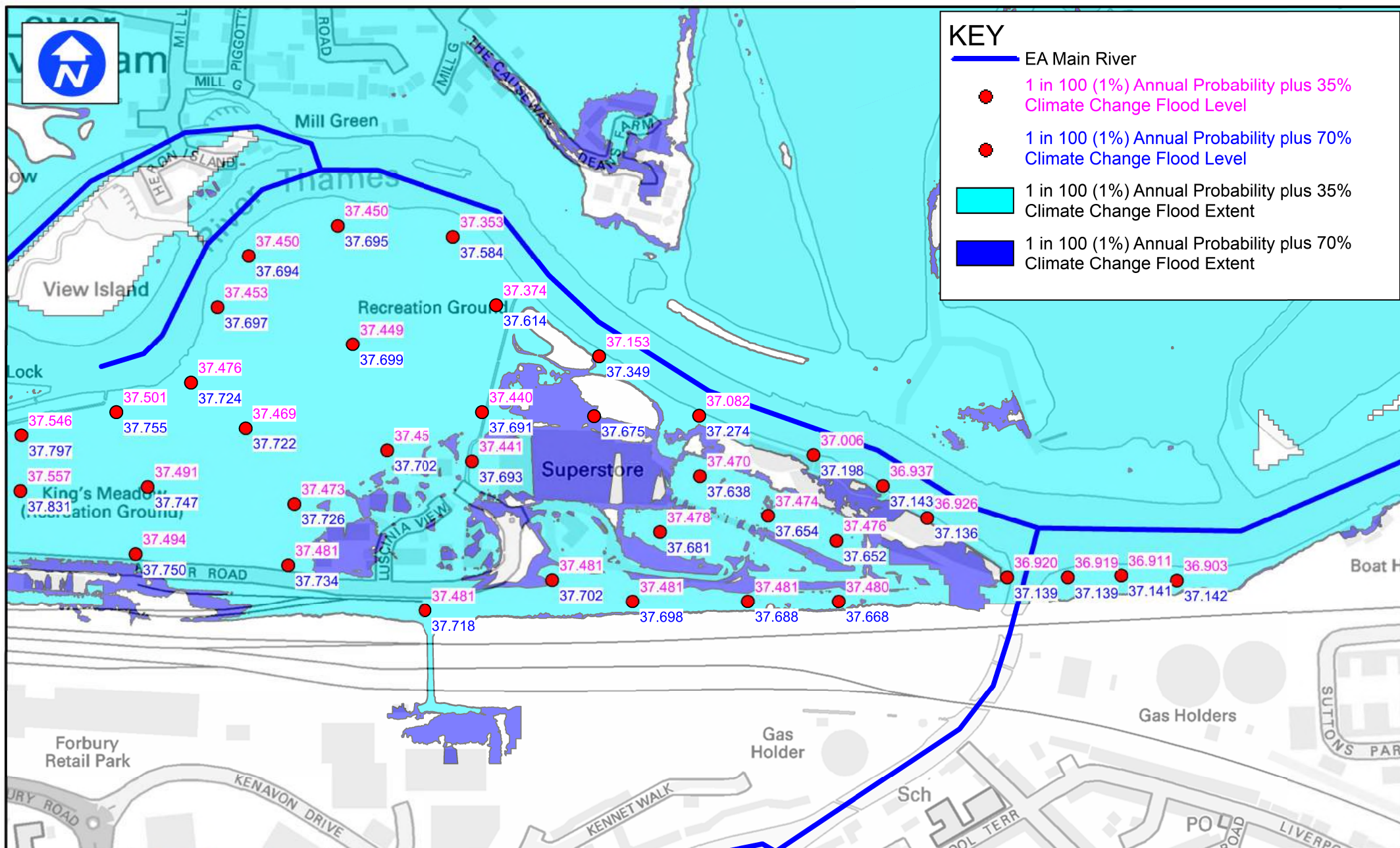
Scale: NTS

Drawn By: SB Checked By: RF

Rev: -

Figure Number

28791_MI011



East Reading MRT

PBA modelled 35% and 70% Flood Extents and Flood Levels



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Climate Change Survey Data Collection Method and Interpretation 2012

Date: 12/05/16

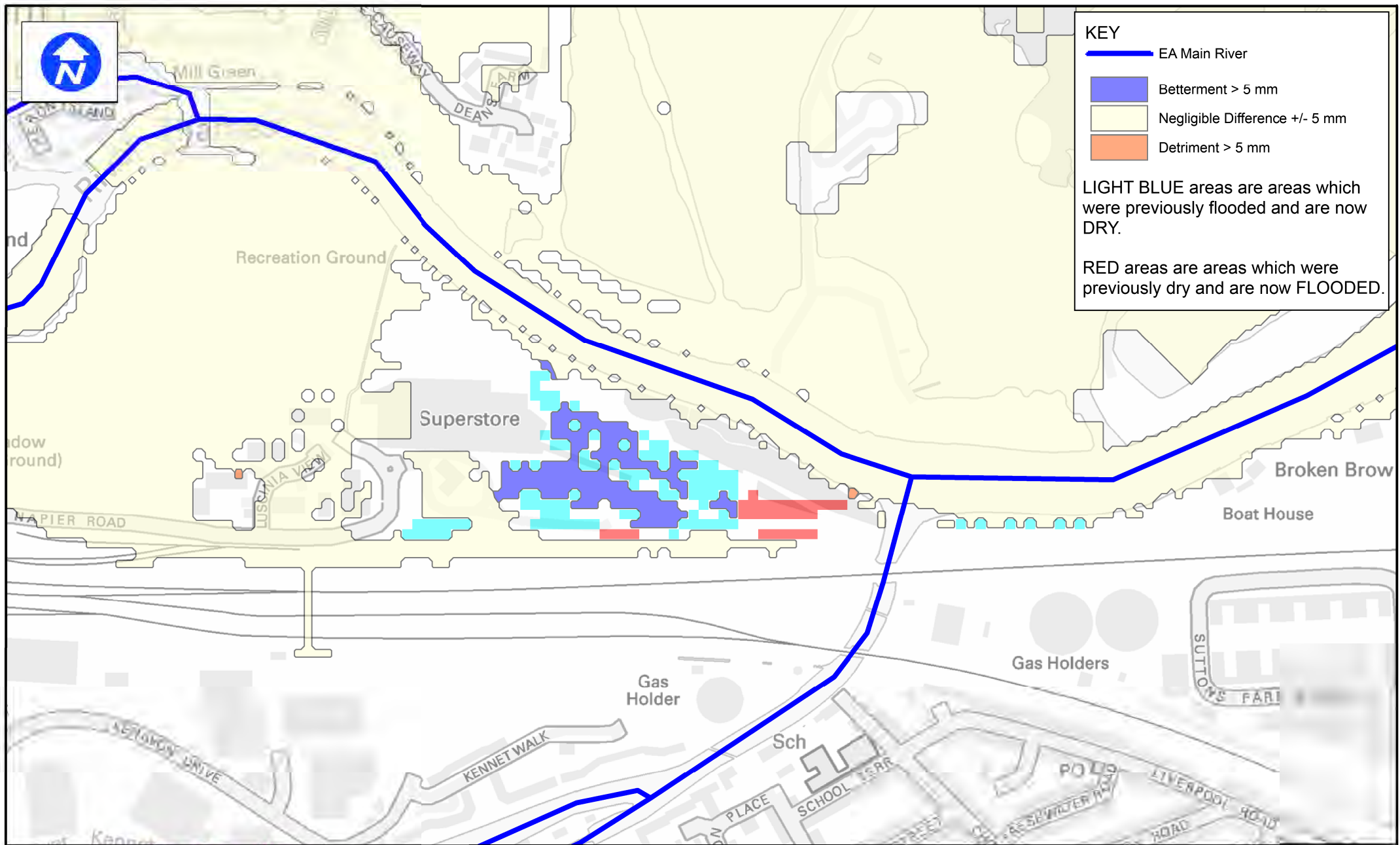
Scale: 1:5000

Drawn By: SB Checked By: RF

Rev: A

Figure Number

28791_M1012



KEY

- EA Main River
- Betterment > 5 mm
- Negligible Difference +/- 5 mm
- Detriment > 5 mm

LIGHT BLUE areas are areas which were previously flooded and are now DRY.

RED areas are areas which were previously dry and are now FLOODED.



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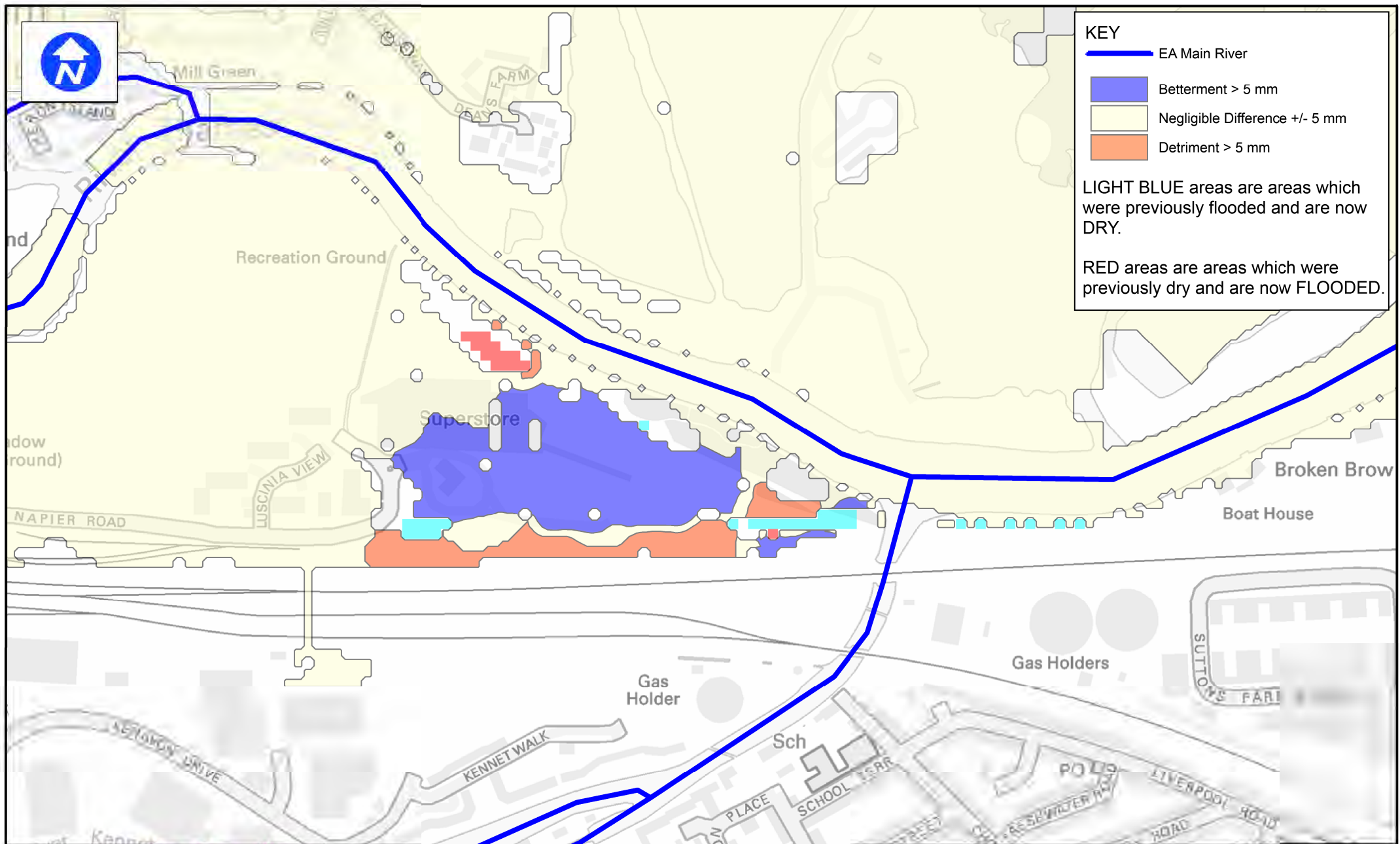
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EAST READING MRT

1 in 100 (1%) Annual Probability (AP) plus 35% Climate Change
Proposed MRT Alignment and floodplain compensation impacts

Date: 03/03/2010
Scale: 1:5000
Drawn By: SB Checked By: RF
Rev: -
Figure Number

28791_MI015



KEY

- EA Main River
- Betterment > 5 mm
- Negligible Difference +/- 5 mm
- Detriment > 5 mm

LIGHT BLUE areas are areas which were previously flooded and are now DRY.

RED areas are areas which were previously dry and are now FLOODED.

EAST READING MRT

1 in 100 (1%) Annual Probability (AP) plus 70% Climate Change
Proposed MRT Alignment and floodplain compensation impacts



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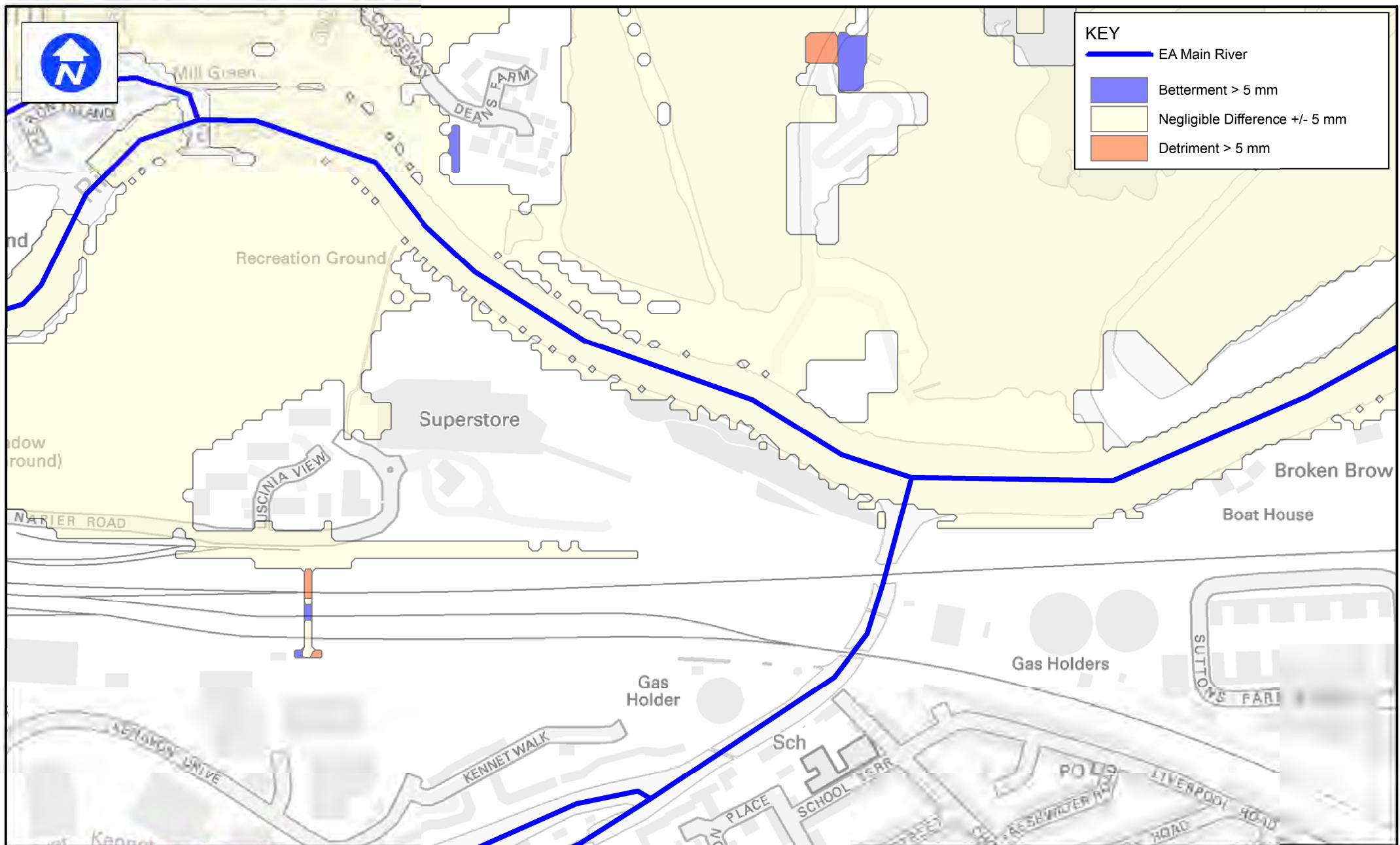


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Date: 03/03/2010
Scale: 1:5000
Drawn By: SB Checked By: RF
Rev: -
Figure Number

28791_MI016



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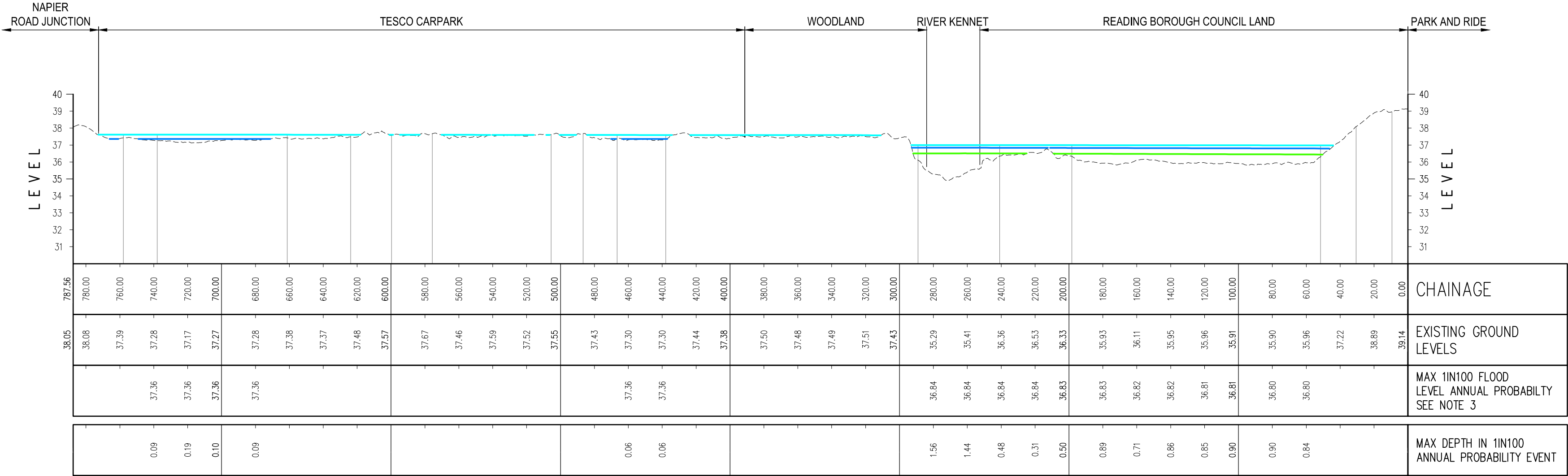
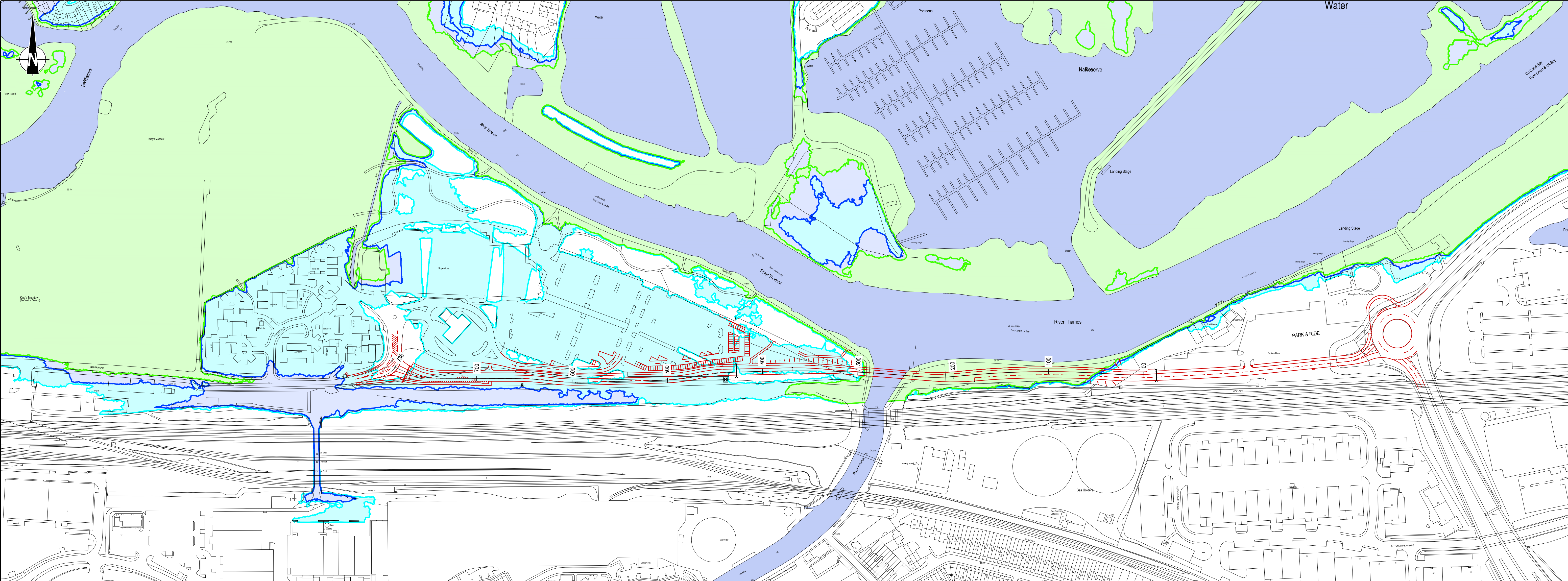
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EAST READING MRT

1 in 100 (1%) Annual Probability (AP)
Proposed MRT Alignment and floodplain compensation impacts

Date:	26/11/2010
Scale:	1:5000
Drawn By:	SB
Checked By:	RF
Rev:	-
Figure Number	28791_MI018



SCALE: H 1:2000, V 1:200. DATUM: 30.000

NOTES:

- EXISTING GROUND LEVEL INFORMATION BASED ON LIDAR DATA
- MODELLED FLOOD LEVELS EXTRACTED FROM ENVIRONMENT AGENCY RIVER THAMES (READING COMPLEX CHANGE) FLOOD ALLEVIATION STUDY (COMPLETED JUNE 2011) - 2D HYDRAULIC MODEL OBTAINED UNDER LICENCE BY READING BOROUGH COUNCIL. ASSOCIATED MODELLED FLOOD EXTENTS REFINED USING LIDAR GROUND LEVEL DATA.
- LONG SECTION STATES MAXIMUM FLOOD DEPTH TO MODELLED 1 IN 100 ANNUAL PROBABILITY FLOOD EVENT.

KEY:

- PROPOSED MASS RAPID TRANSIT ROUTE
- 1 in 20 (5%) ANNUAL PROBABILITY FLOOD EXTENT
- 1 in 100 (1%) ANNUAL PROBABILITY FLOOD EXTENT
- 1 in 1000 (0.1%) ANNUAL PROBABILITY FLOOD EXTENT
- WATER BODY

Mark	Revision		Date	Drawn	Chkd

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status
FOR INFORMATION

EAST READING, MASS RAPID TRANSIT

PBA MODELLED FLOOD EVENTS
IMPACT ON FLUVIAL FLOODPLAIN

Client

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Date of 1st Issue
29.06.2017

Designed
☐

Drawn
GD

A1 Scale
1:2000

Checked
RF

Approved
☐

Drawing Number
28791/4001/004

Revision
☐



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