







#### **Quality Management**

Job No	CS072101					
Project	Hart District Council Strategic Flood Risk Assessment					
Location	P:\environment\ZWET\CS072101 Harts SFRA Update\Reports and Outputs					
Title	Hart District Council Strategic Flood Risk Assessment Technical Report					
Document Ref	HDC SFRA Volume 2	Issue / Revision	Draft			
Date	July 2016					
Prepared by 1	Hayley Todd	Signature (for file)	floorage			
Checked by	Louise Markose	Signature (for file)	L manuse			
Authorised by	Kerry Foster	Signature (for file)	a festo			

#### **Revision Status / History**

Rev	Date	Issue / Purpose/ Comment	Prepared	Checked	Authorised
1	December 2014	Draft for Submission to HDC and EA	нт	LM	MA
2	June 2015	Final Draft for Submission to HDC and EA	НТ	LM	KF
3	November 2015	Final Submission to HDC and EA	GA	LM	KF
4	February 2016	Final Submission to HDC and EA	GA	LM	KF

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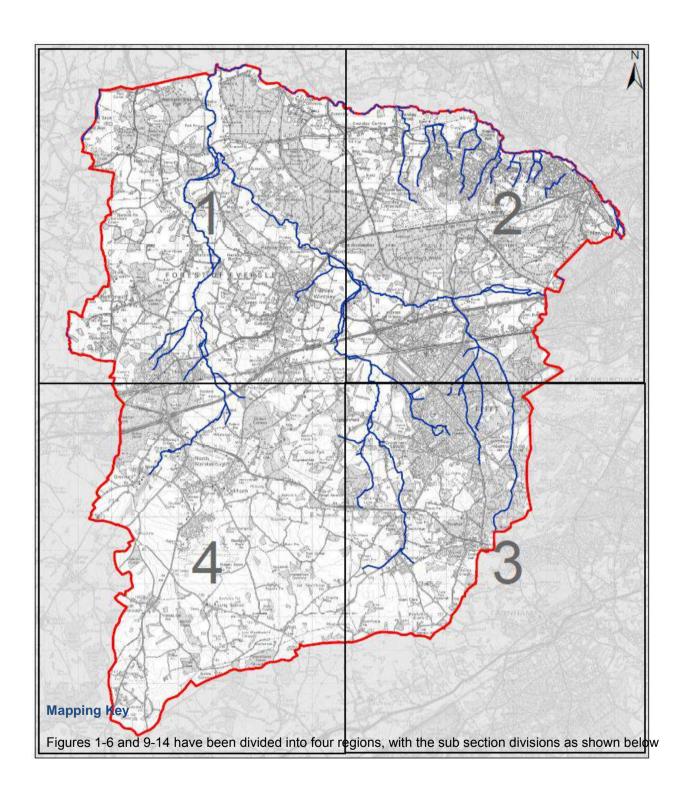
Figure Series 9 – Suitability for Infiltration SuDS

Figure Series 10 – Areas Susceptible to Groundwater Flooding

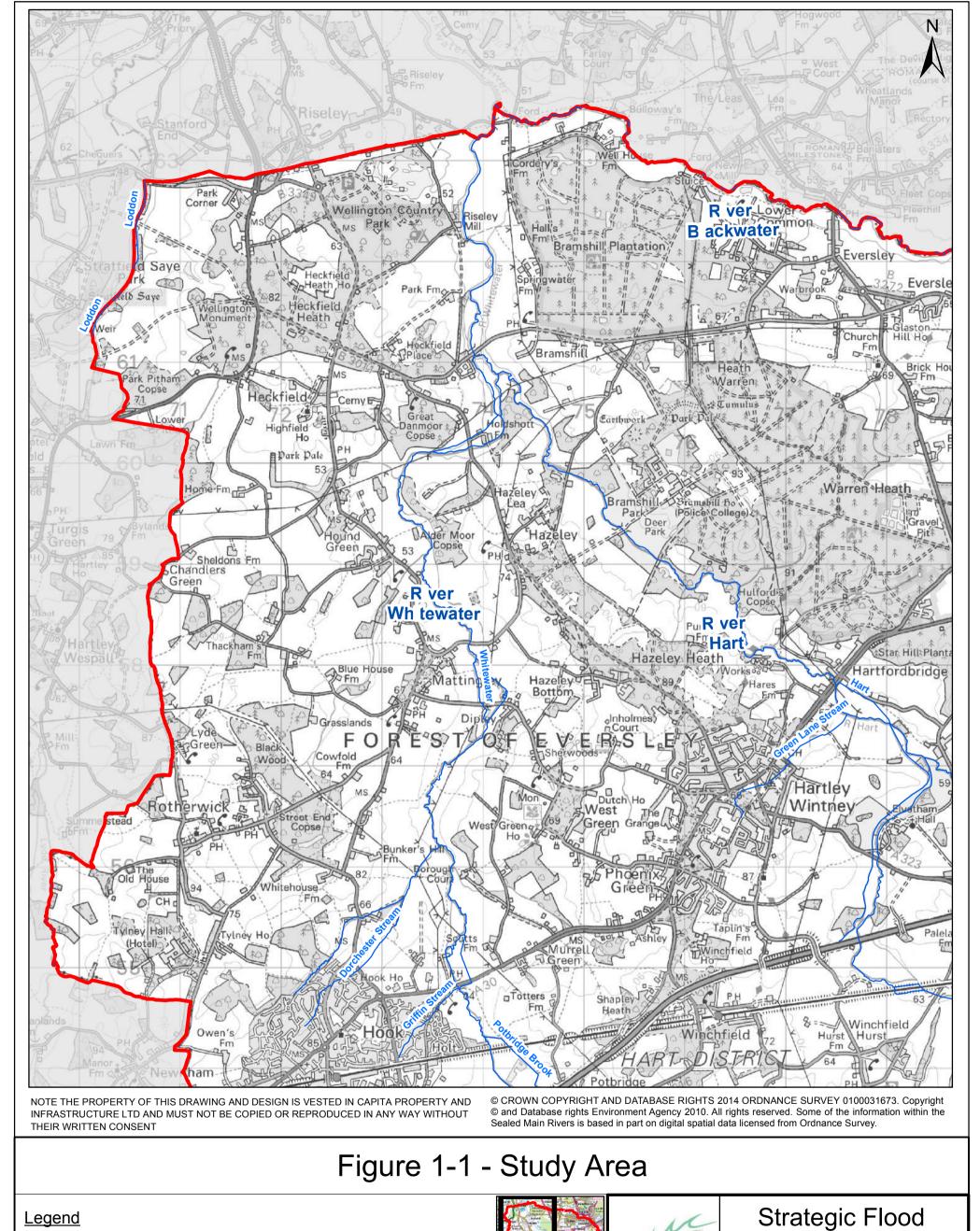
Figure Series 11 – Canal Embankments & Flood Defences

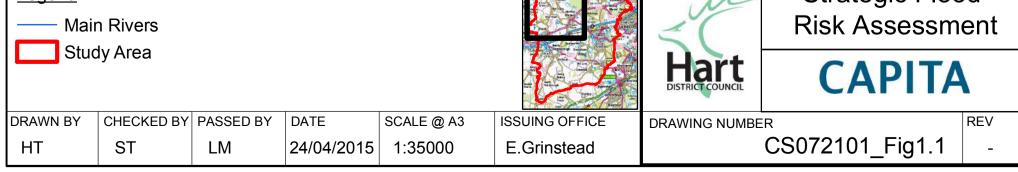
Figure Series 12 - Flood Risk from Reservoirs

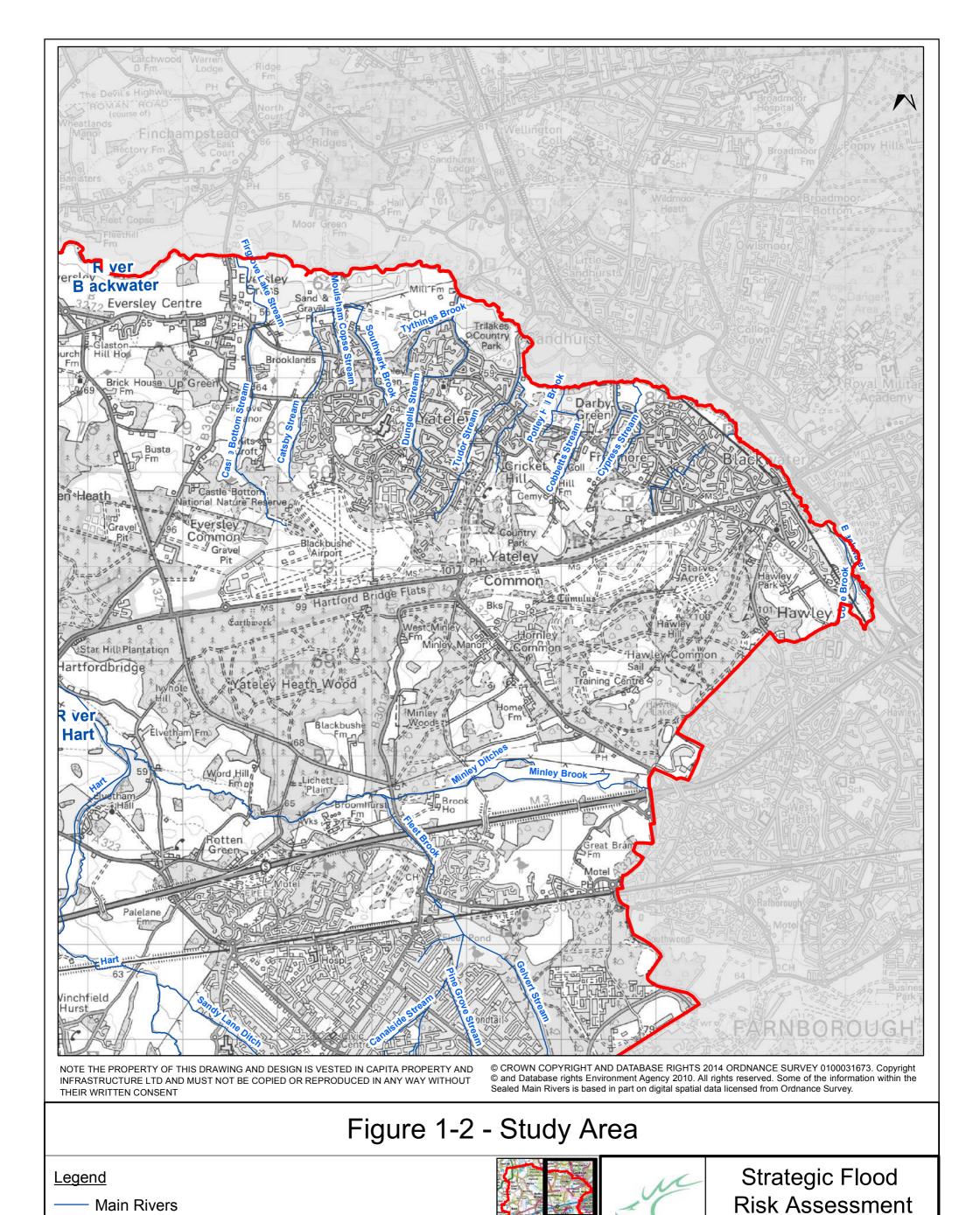
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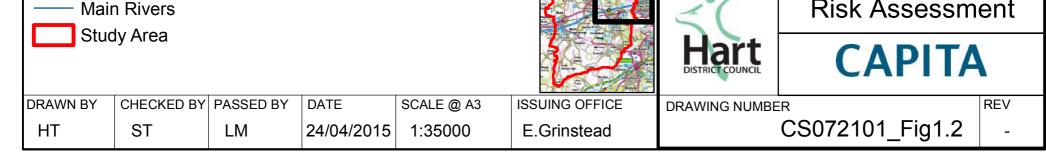


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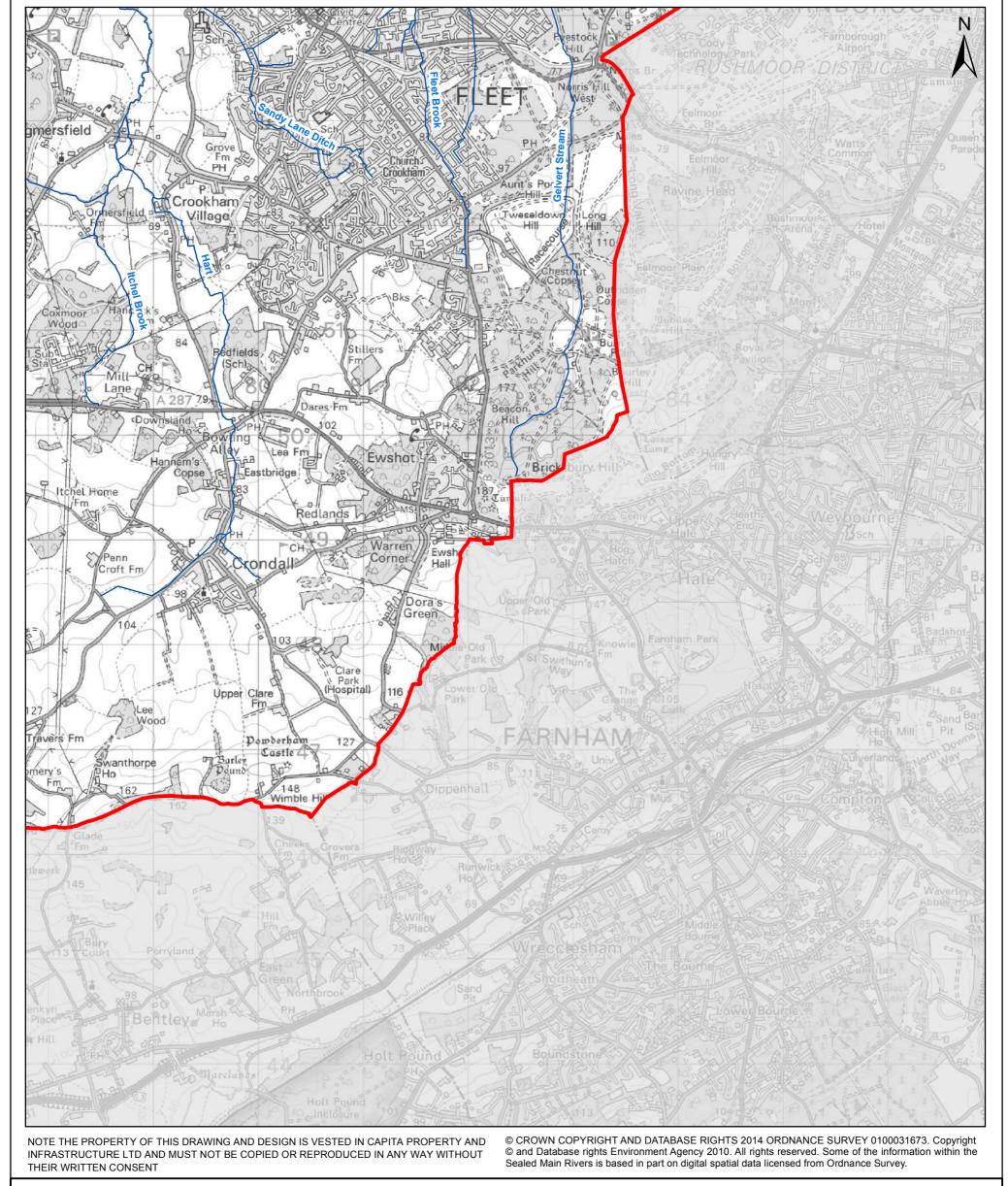


Figure 1-3 - Study Area

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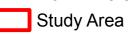
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#### Legend

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Main Rivers



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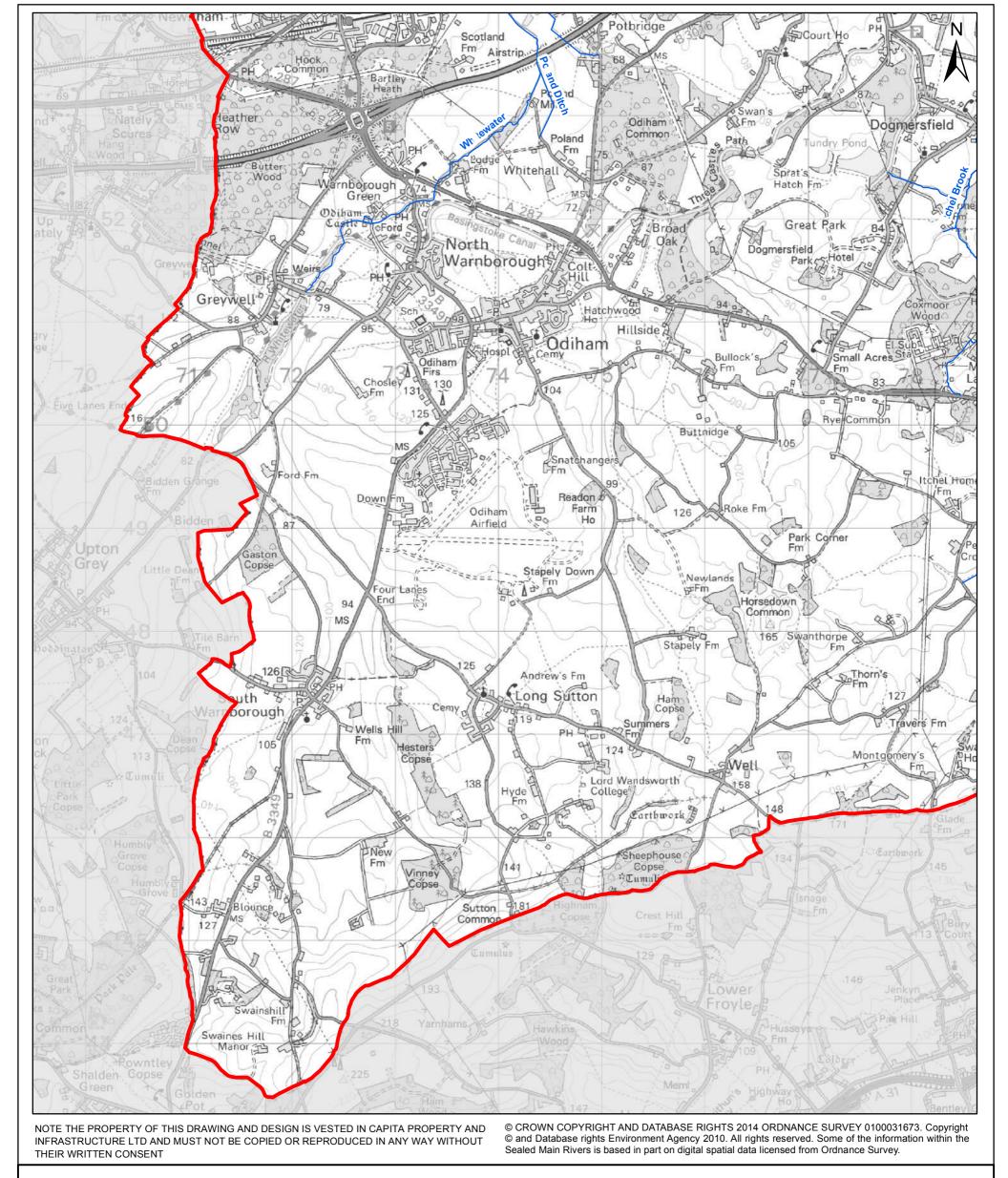


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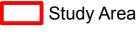
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### Figure 1-4 - Study Area



—— Main Rivers



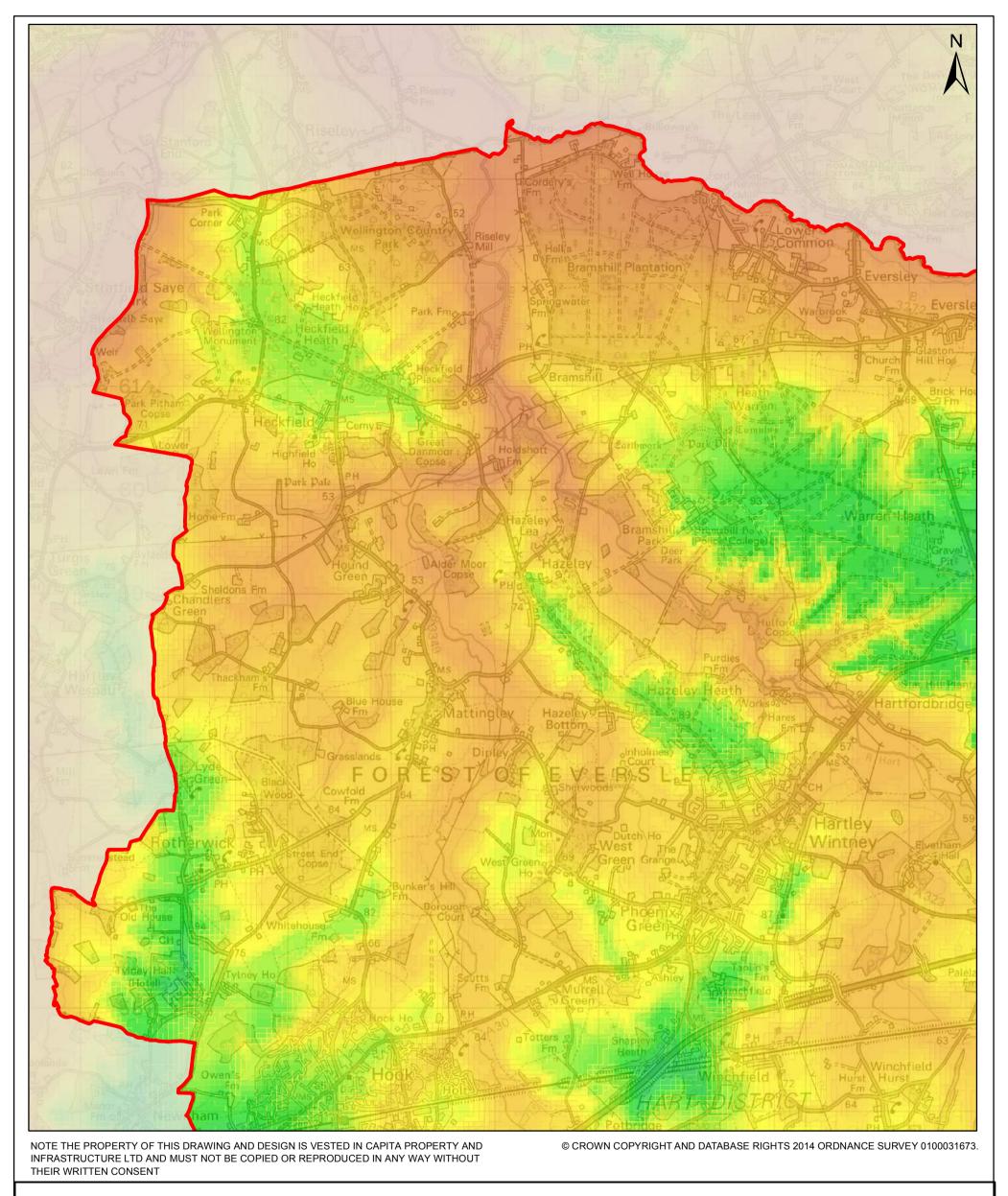


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Strategic Flood Risk Assessment

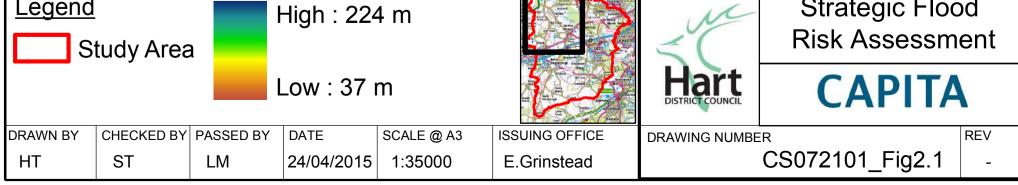
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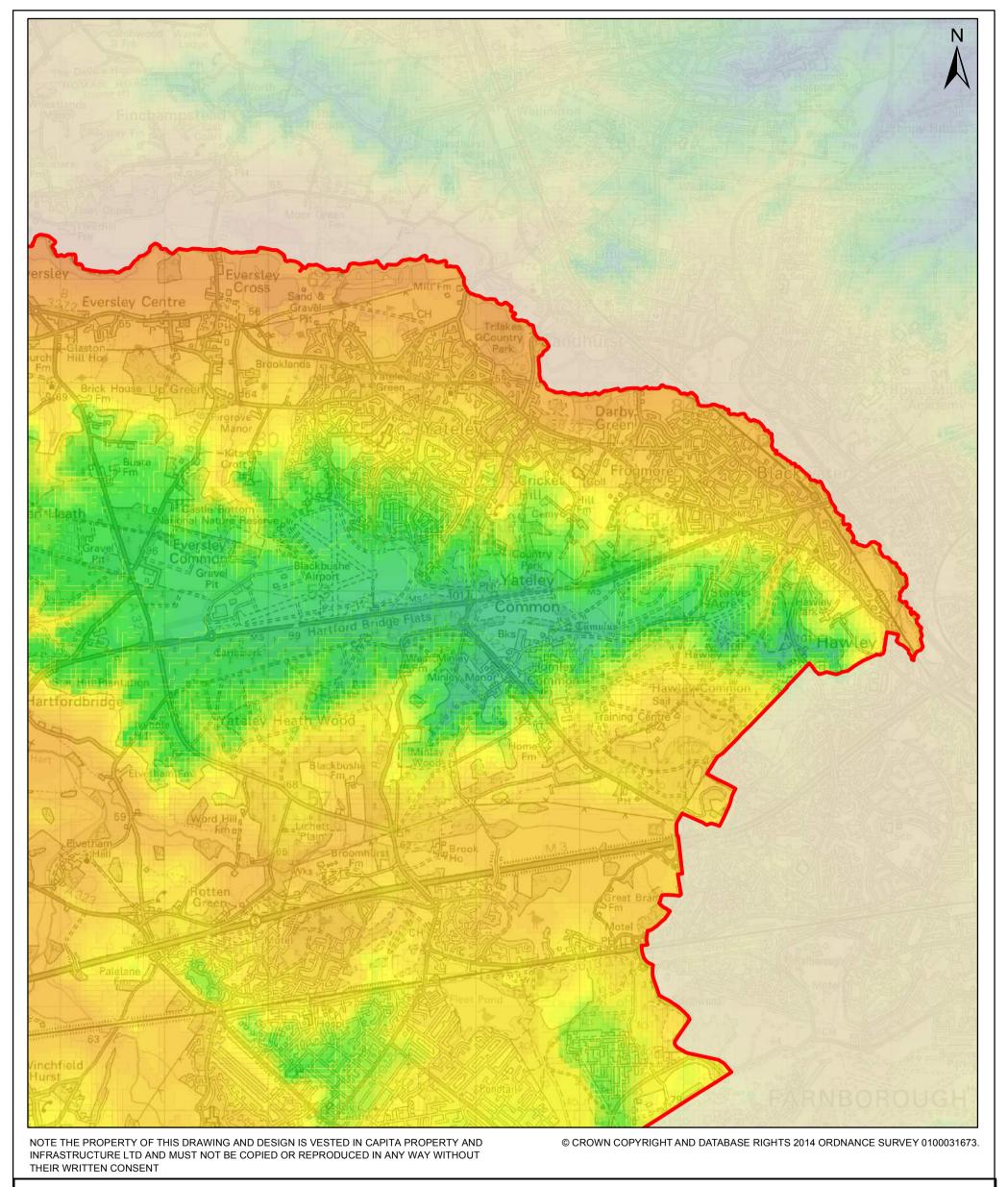


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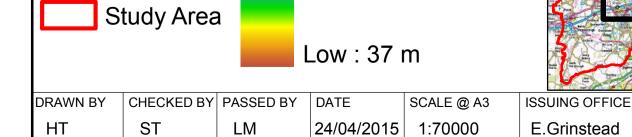
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Strategic Flood

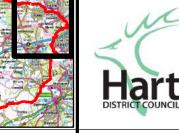


## Figure 2-2 - Topography



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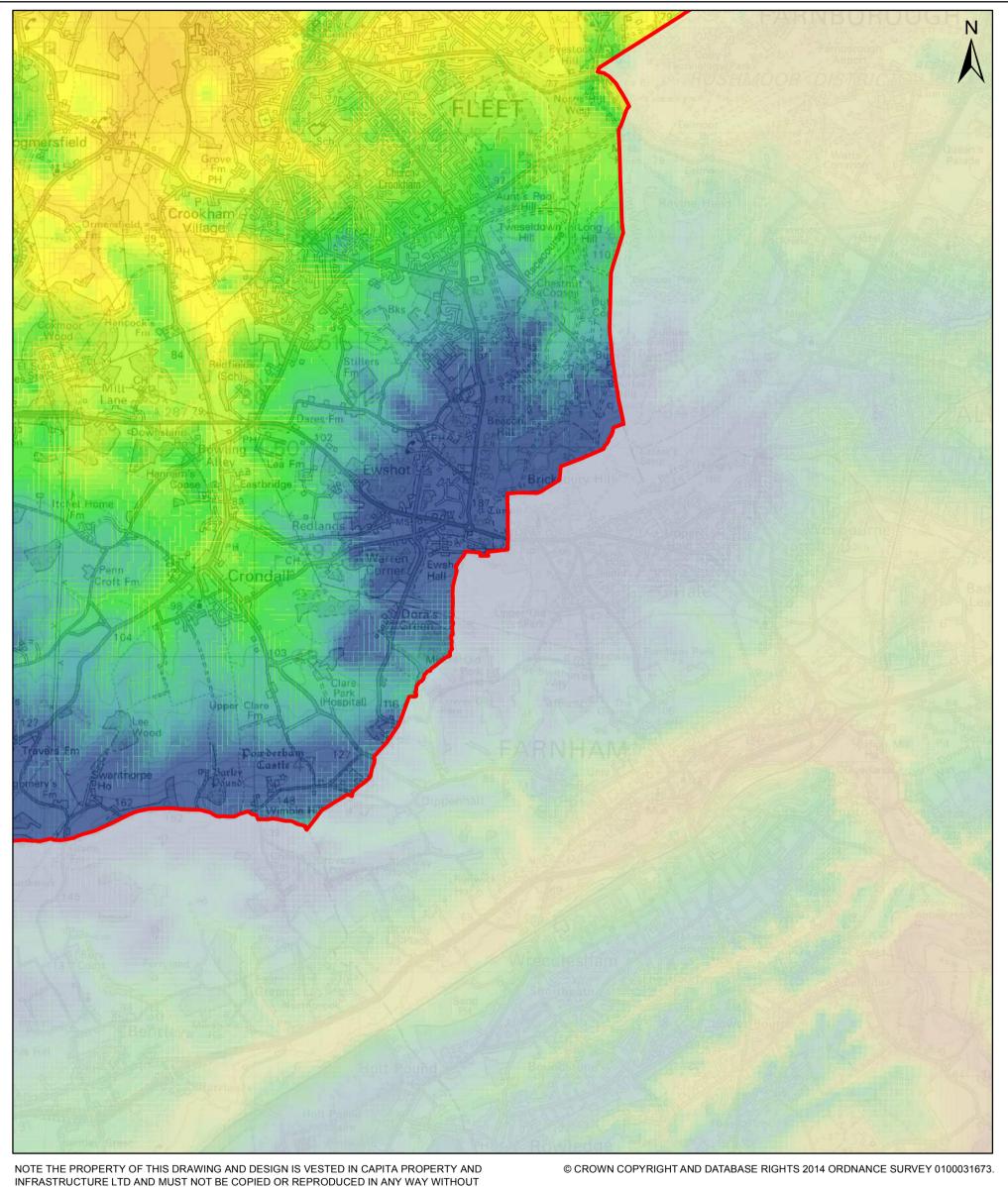
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Strategic Flood Risk Assessment

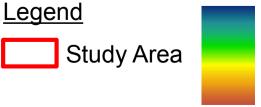
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## Figure 2-3 - Topography



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High: 224 m

Low: 37 m

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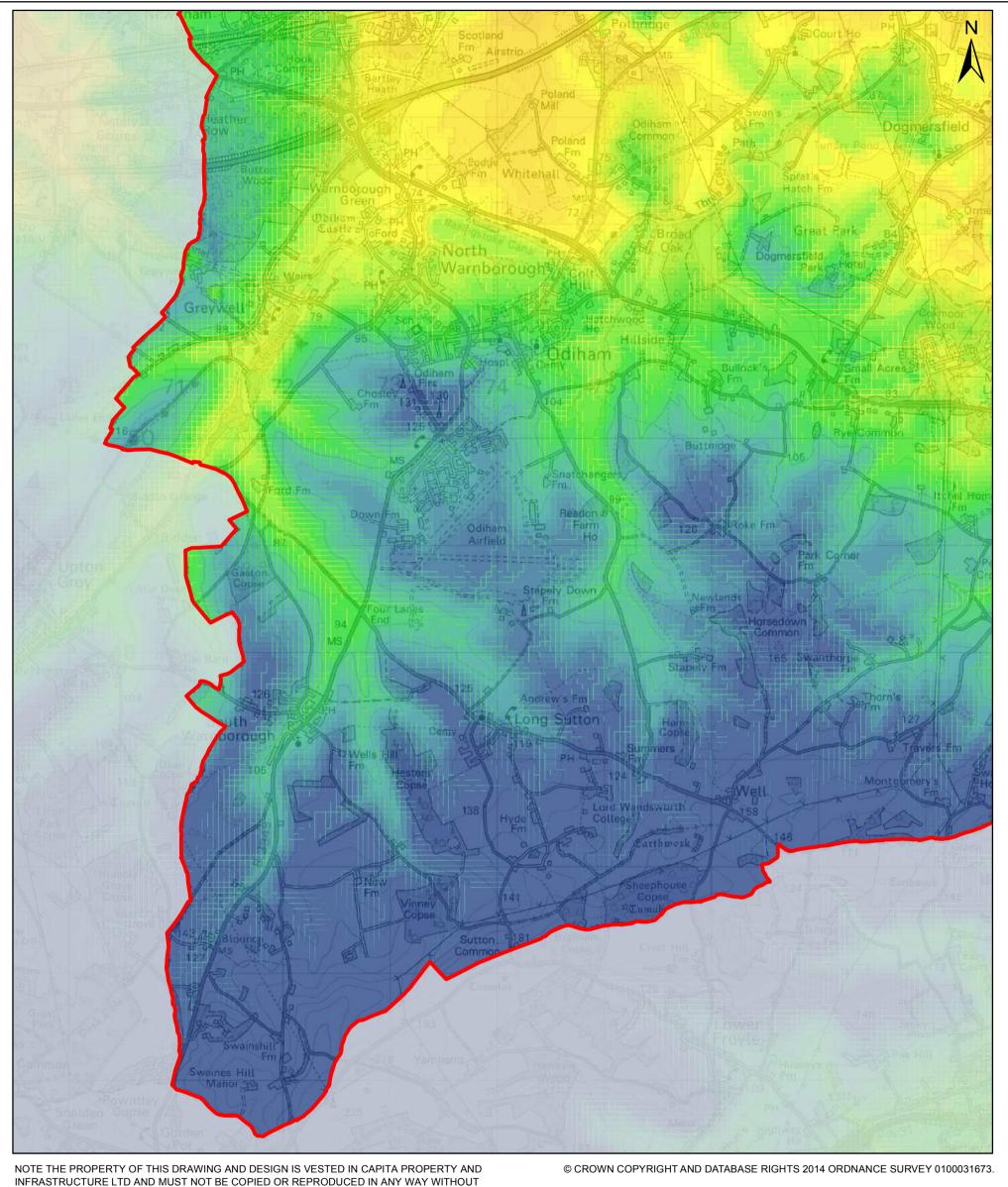


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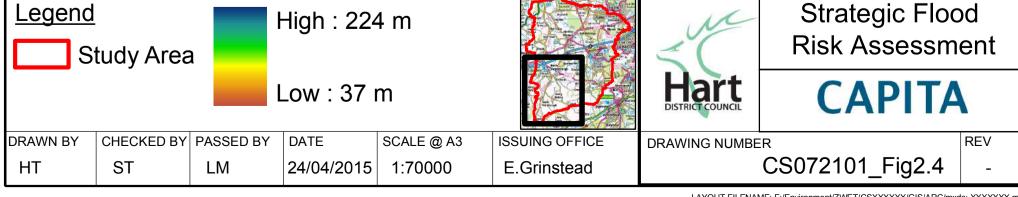
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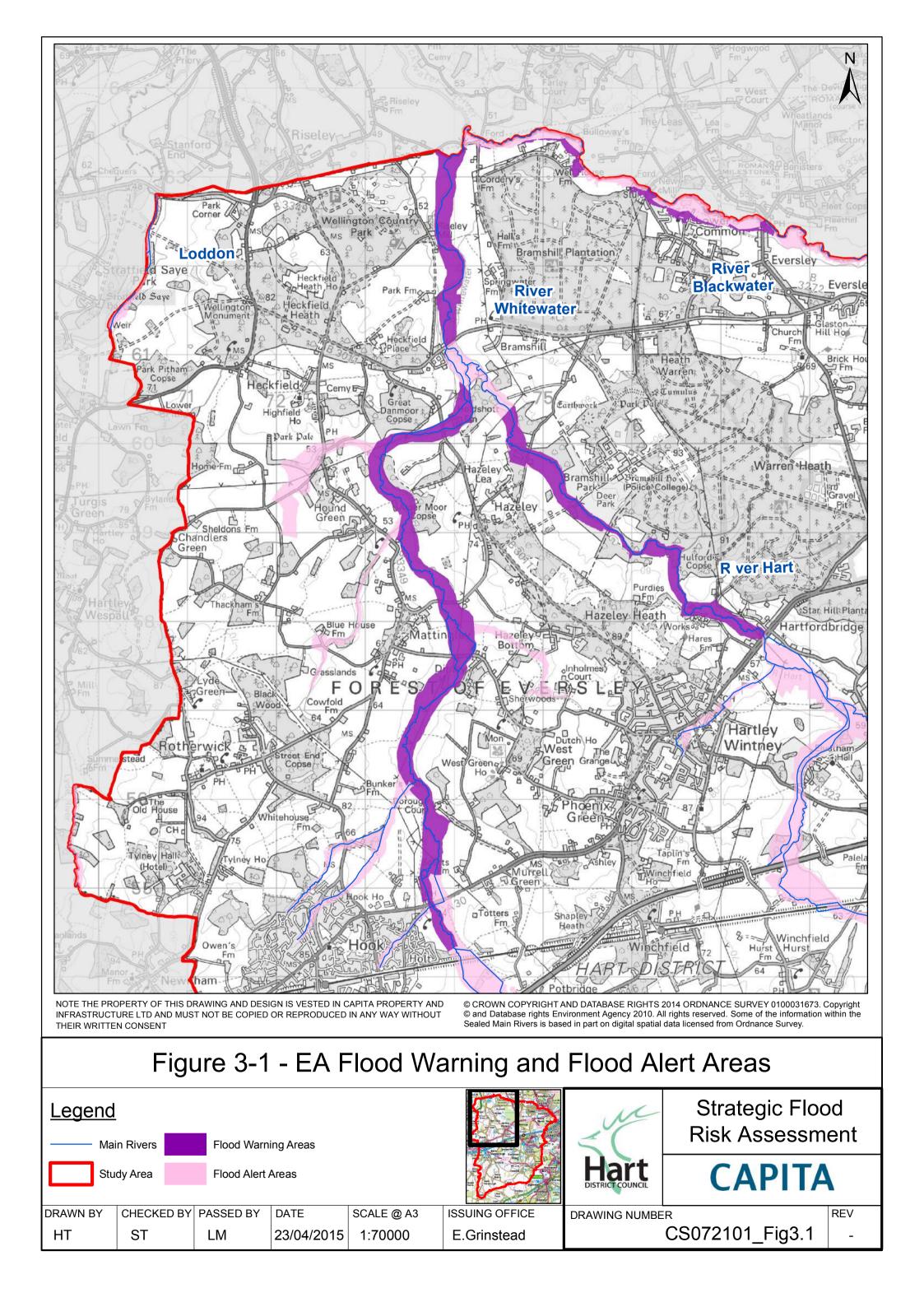


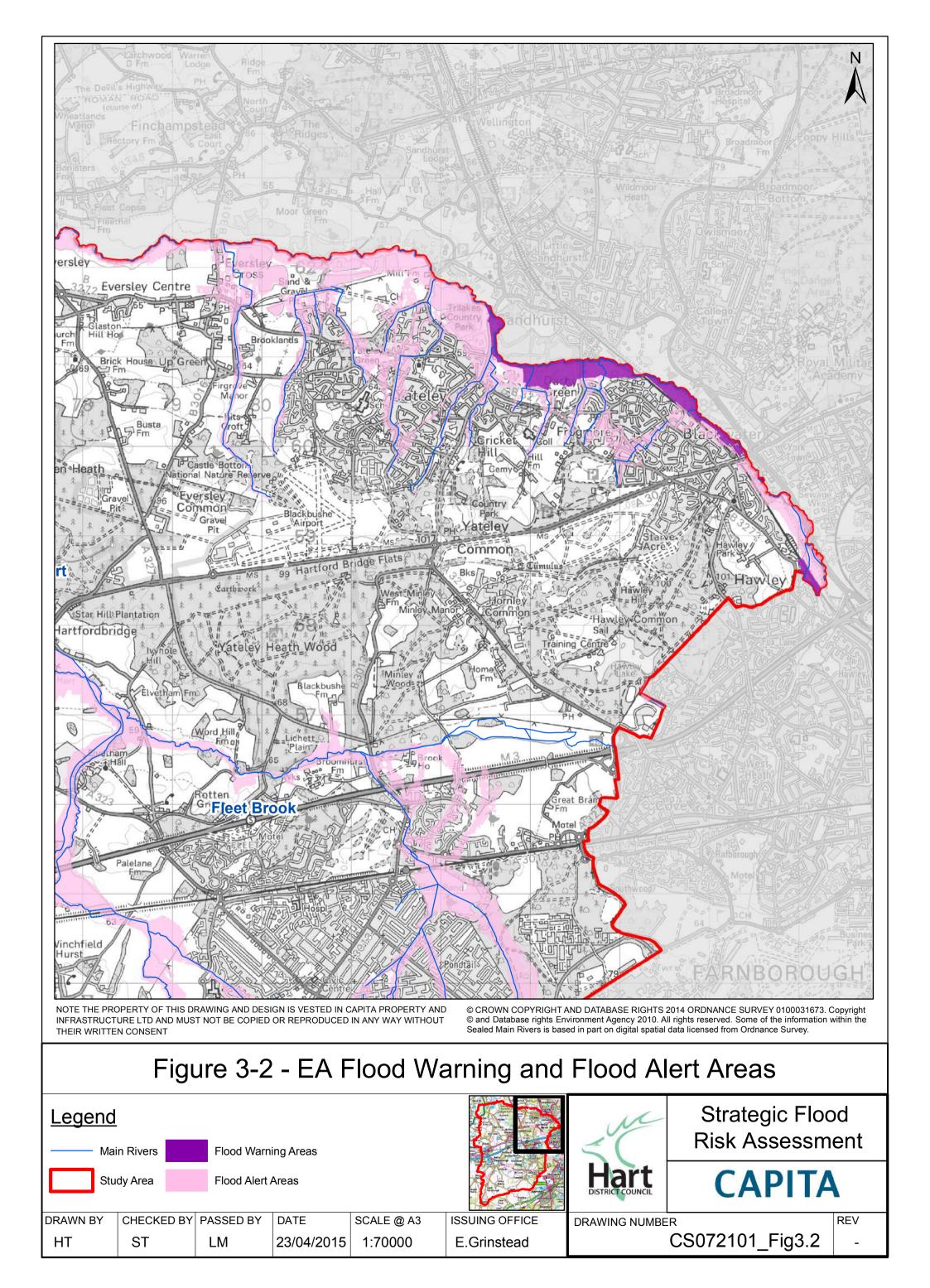
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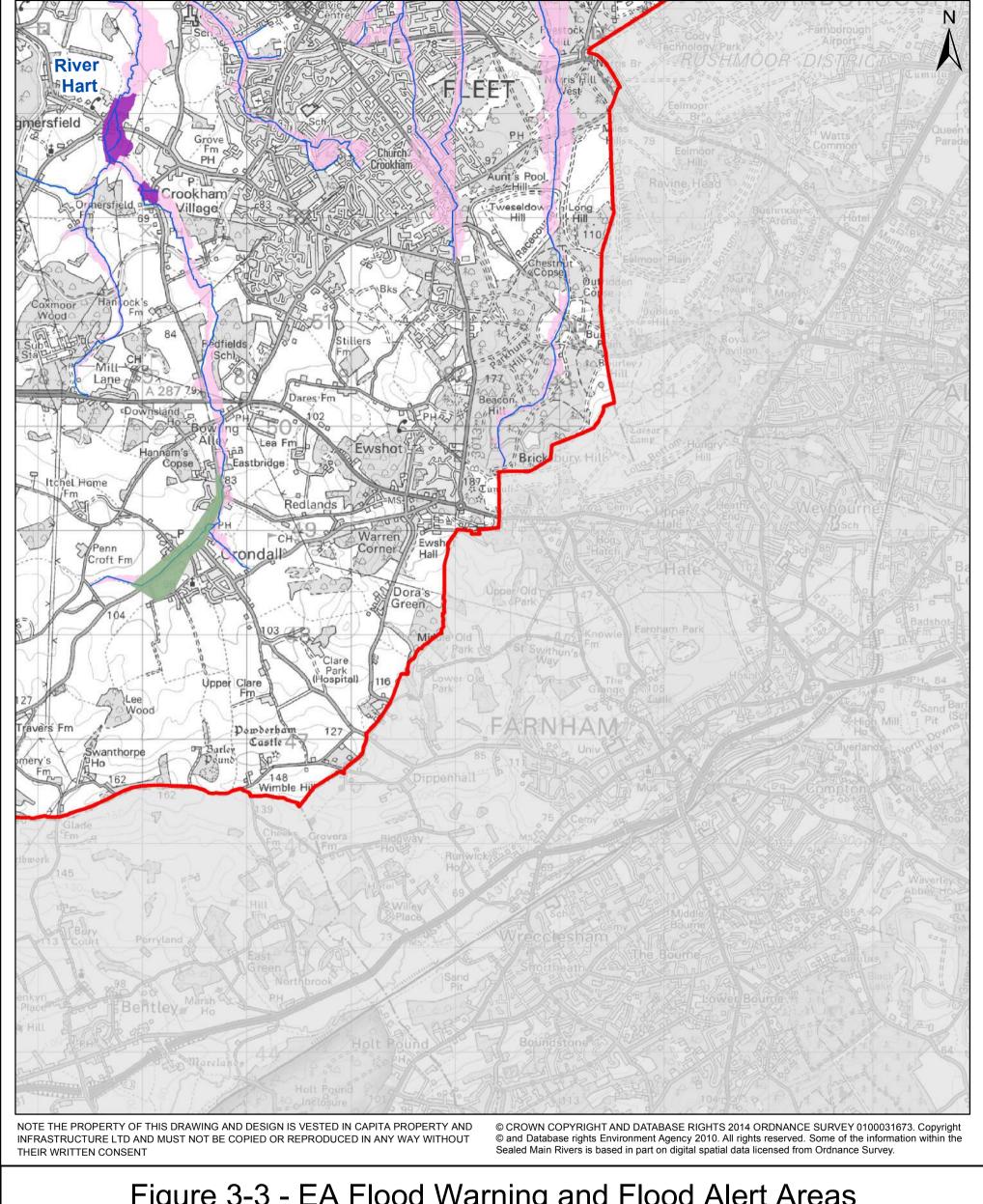
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### Figure 2-4 - Topography

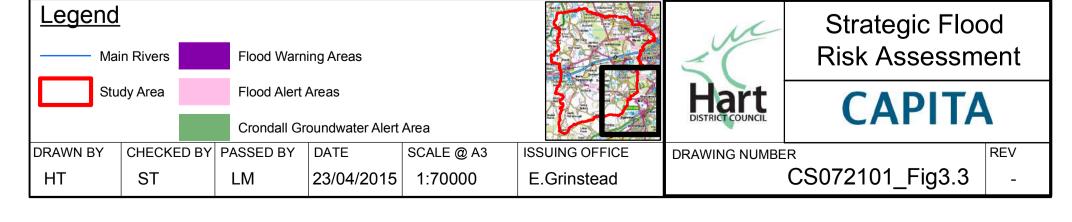


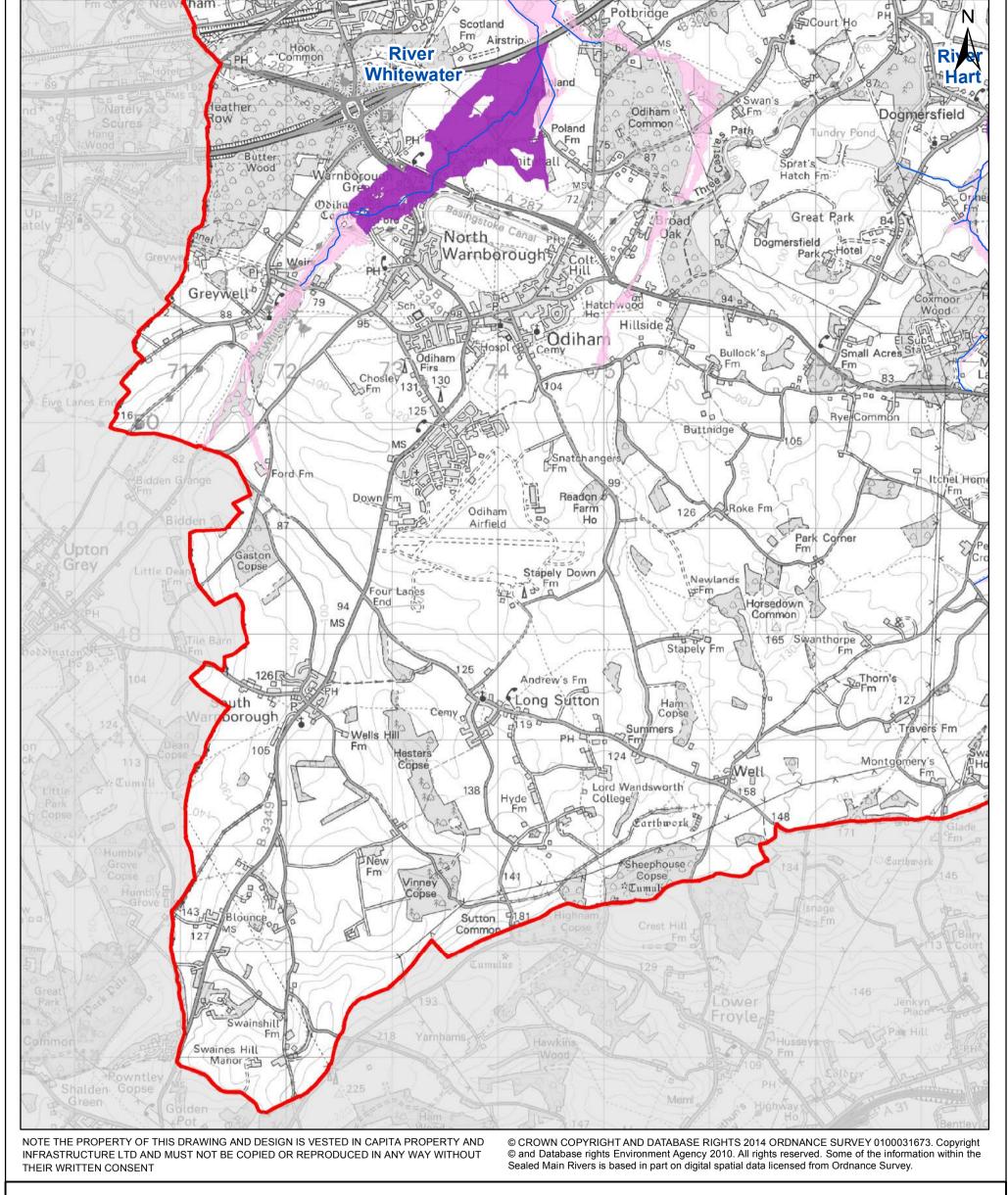




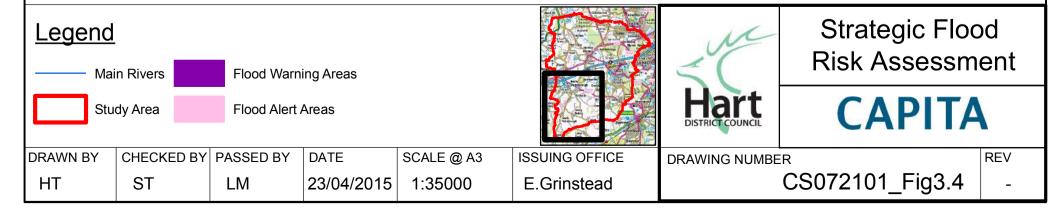


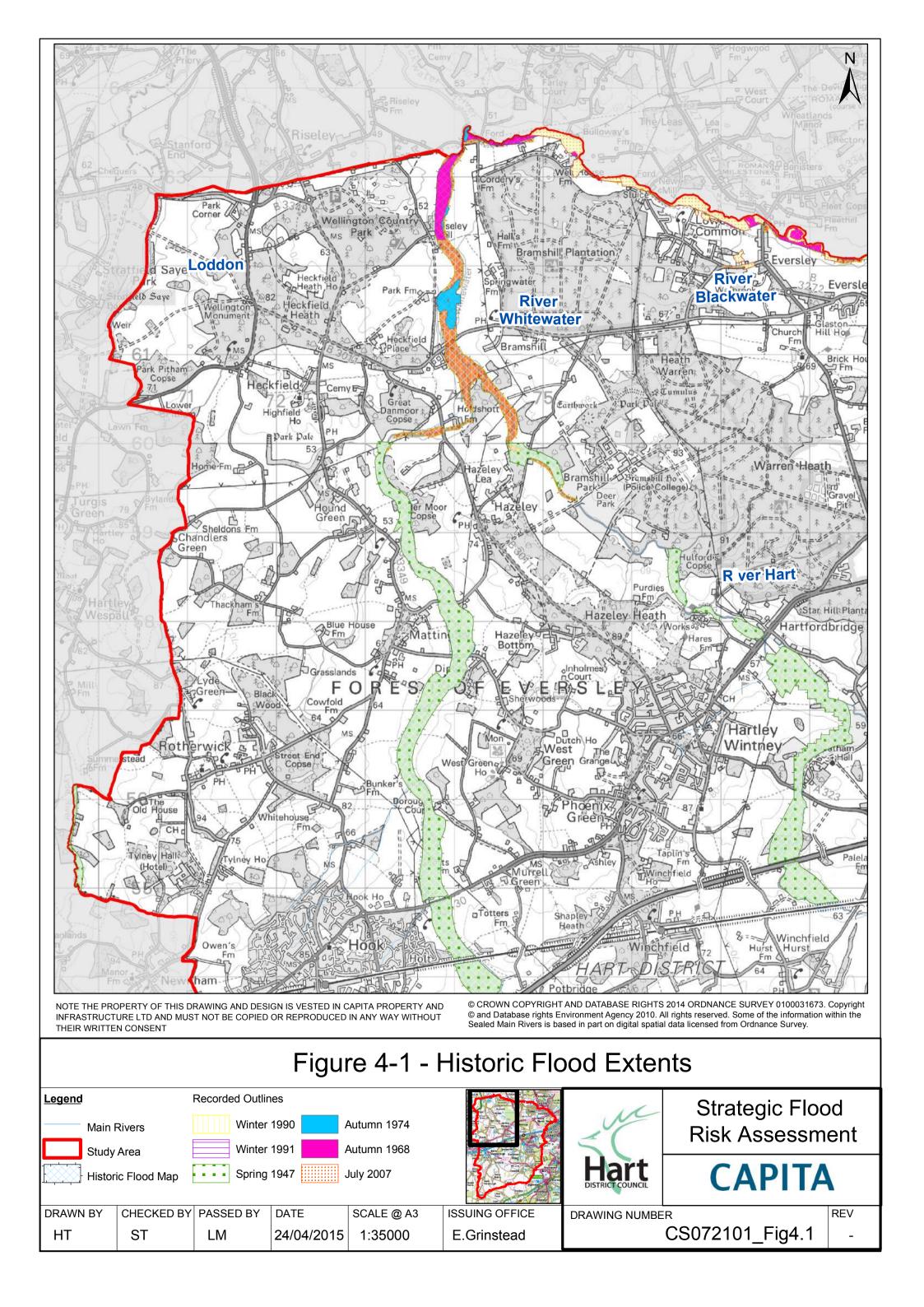
## Figure 3-3 - EA Flood Warning and Flood Alert Areas

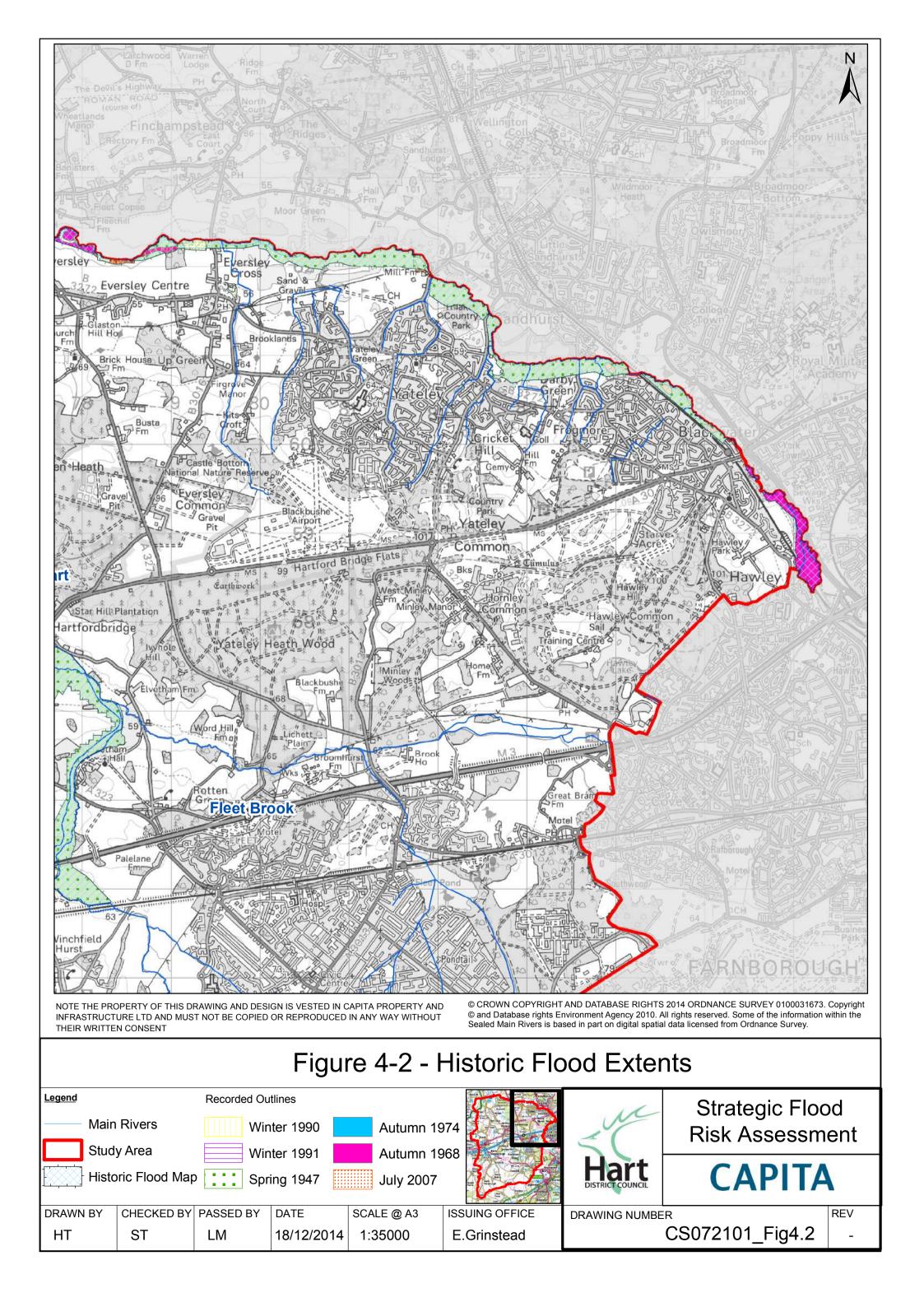


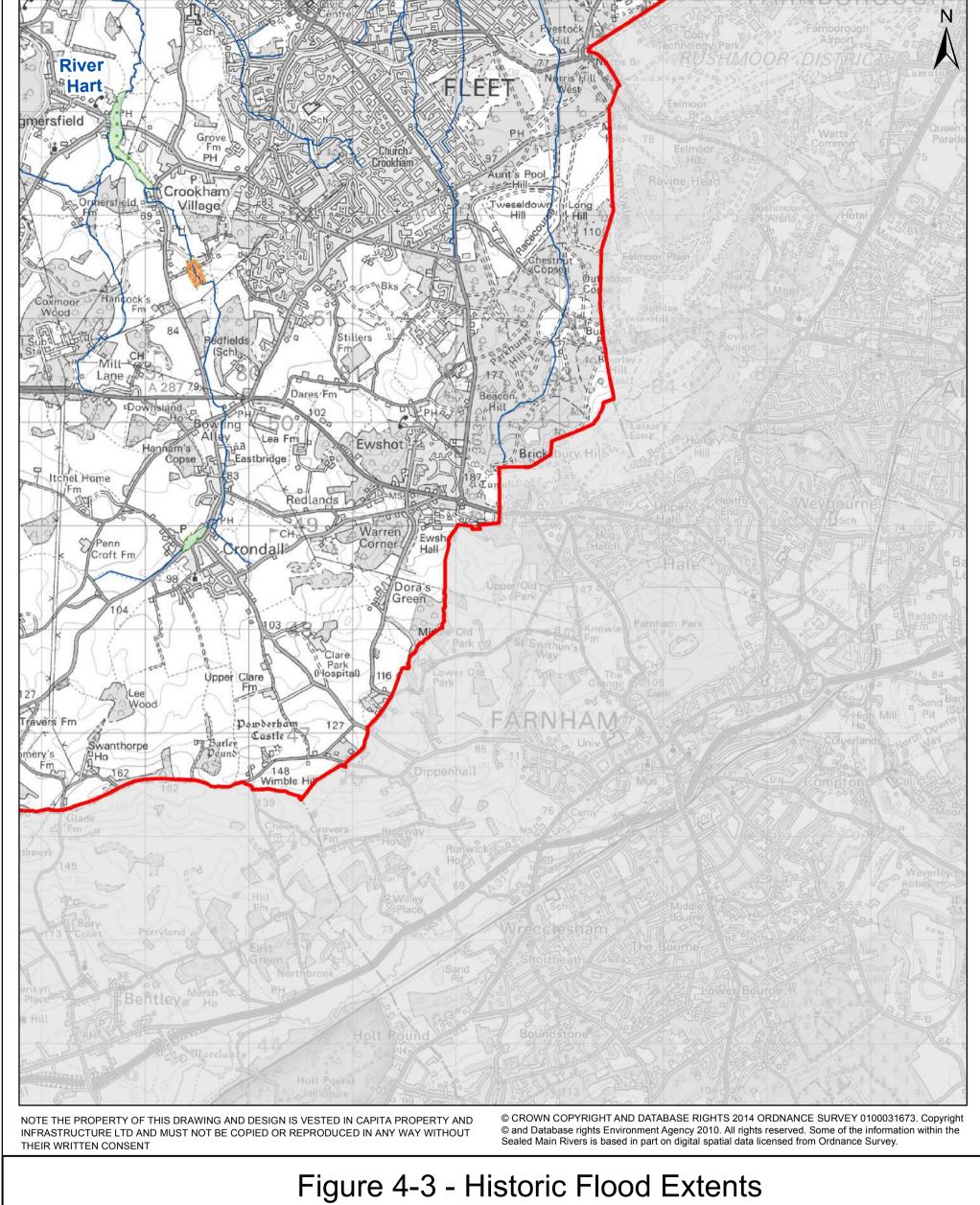


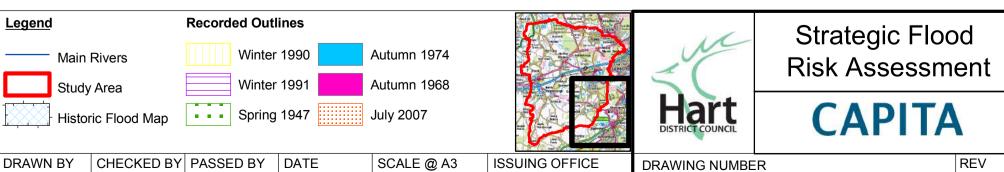
#### Figure 3-4 - EA Flood Warning and Flood Alert Areas











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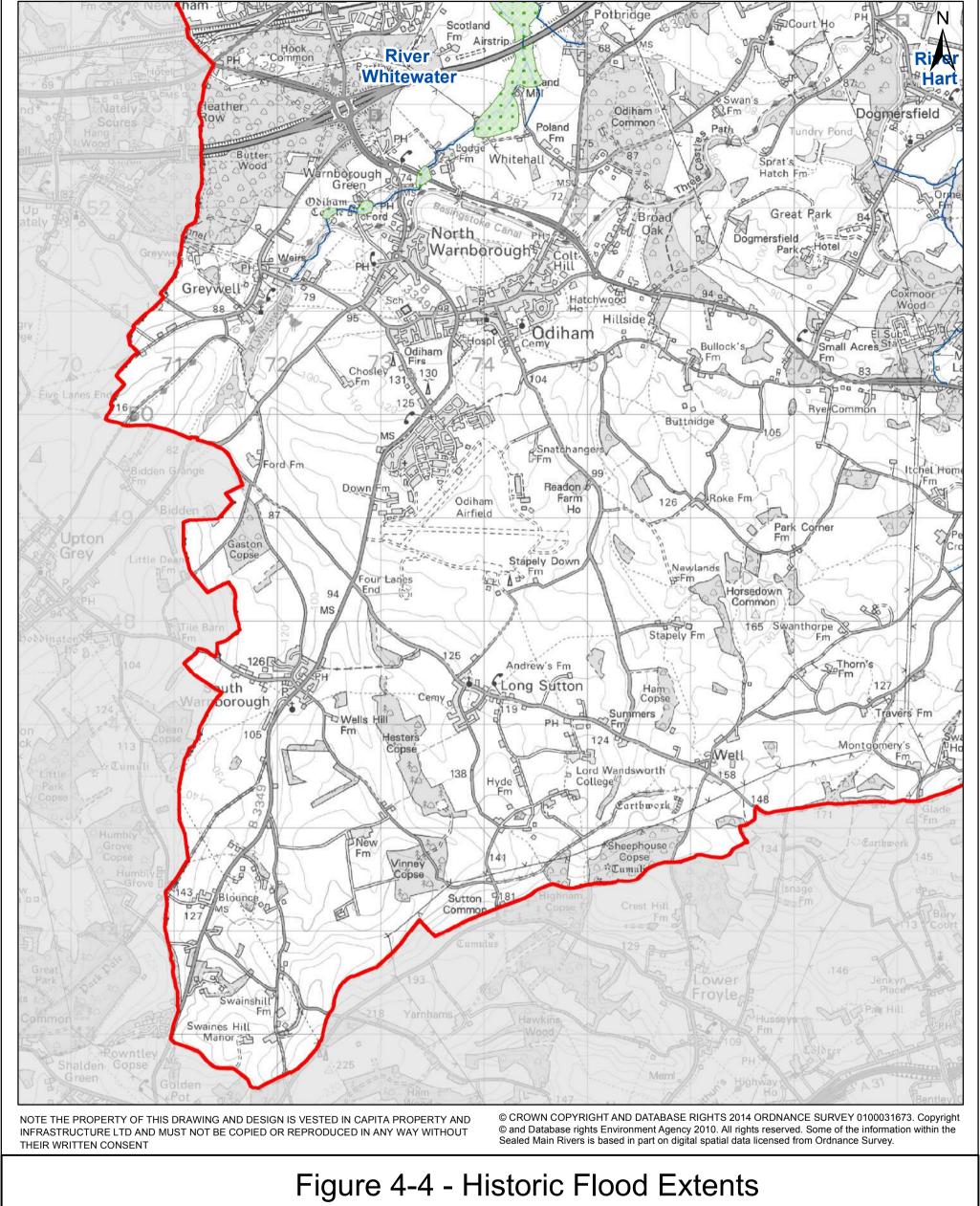
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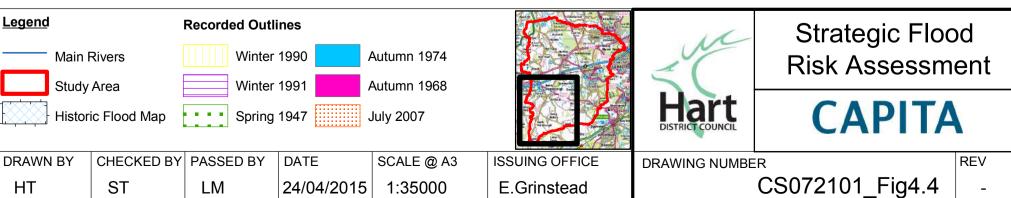
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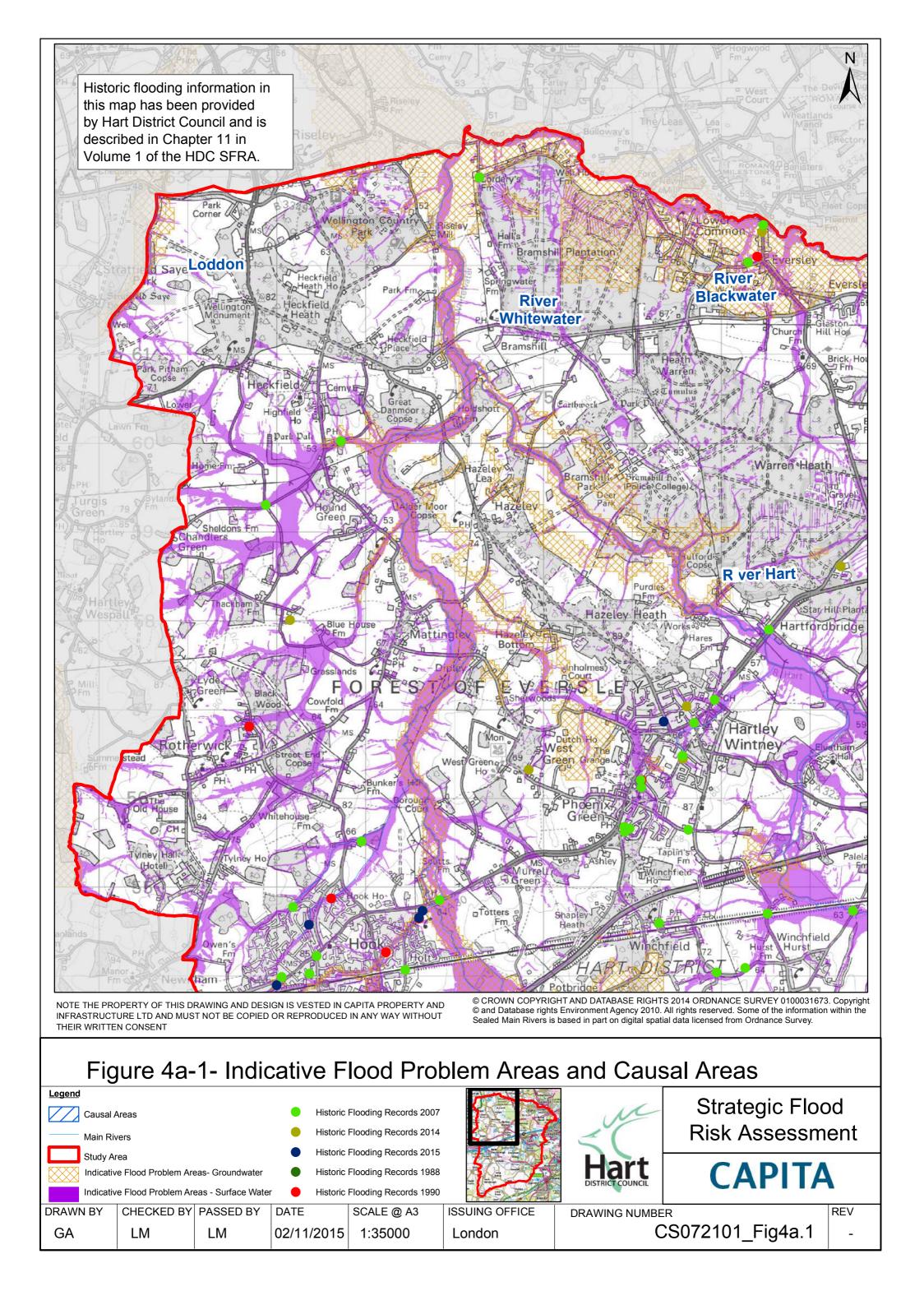
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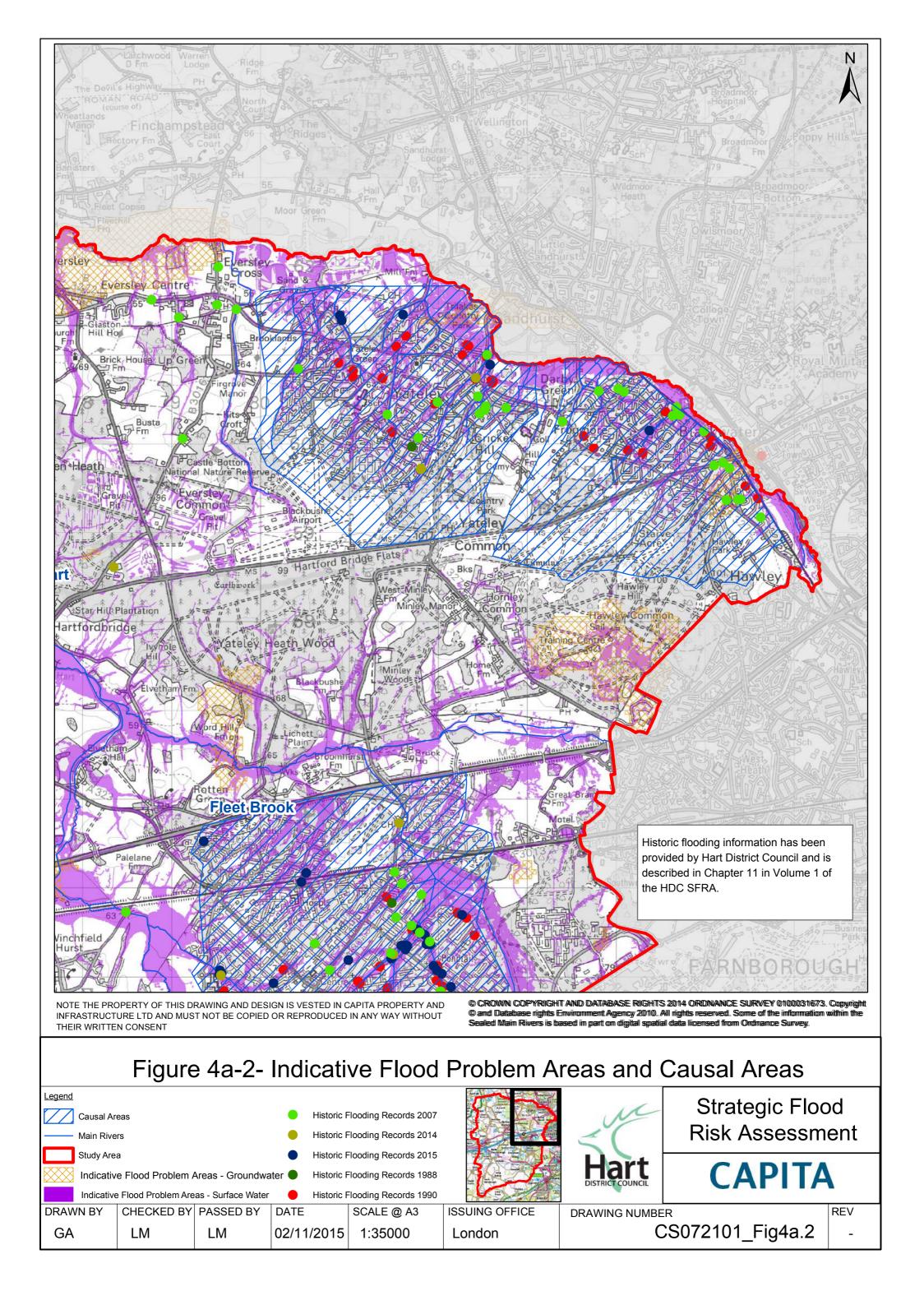
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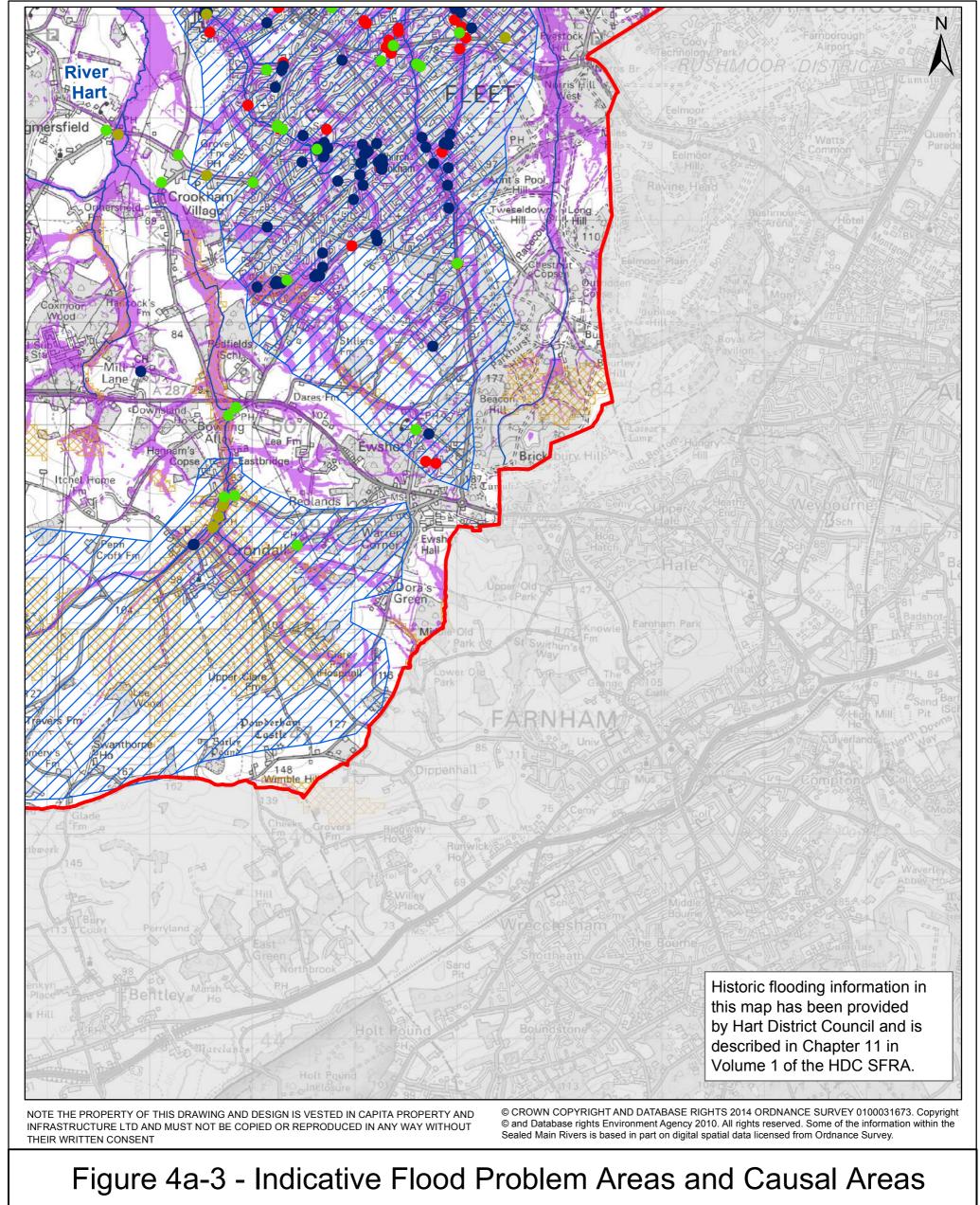
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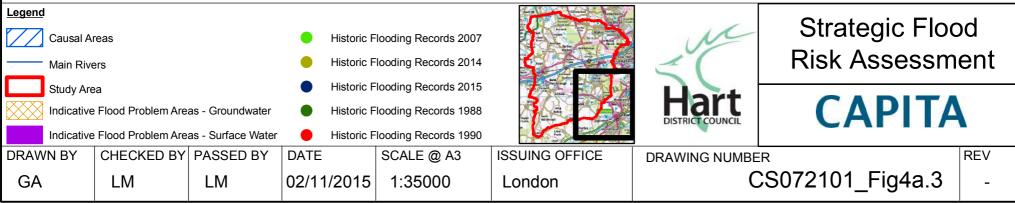
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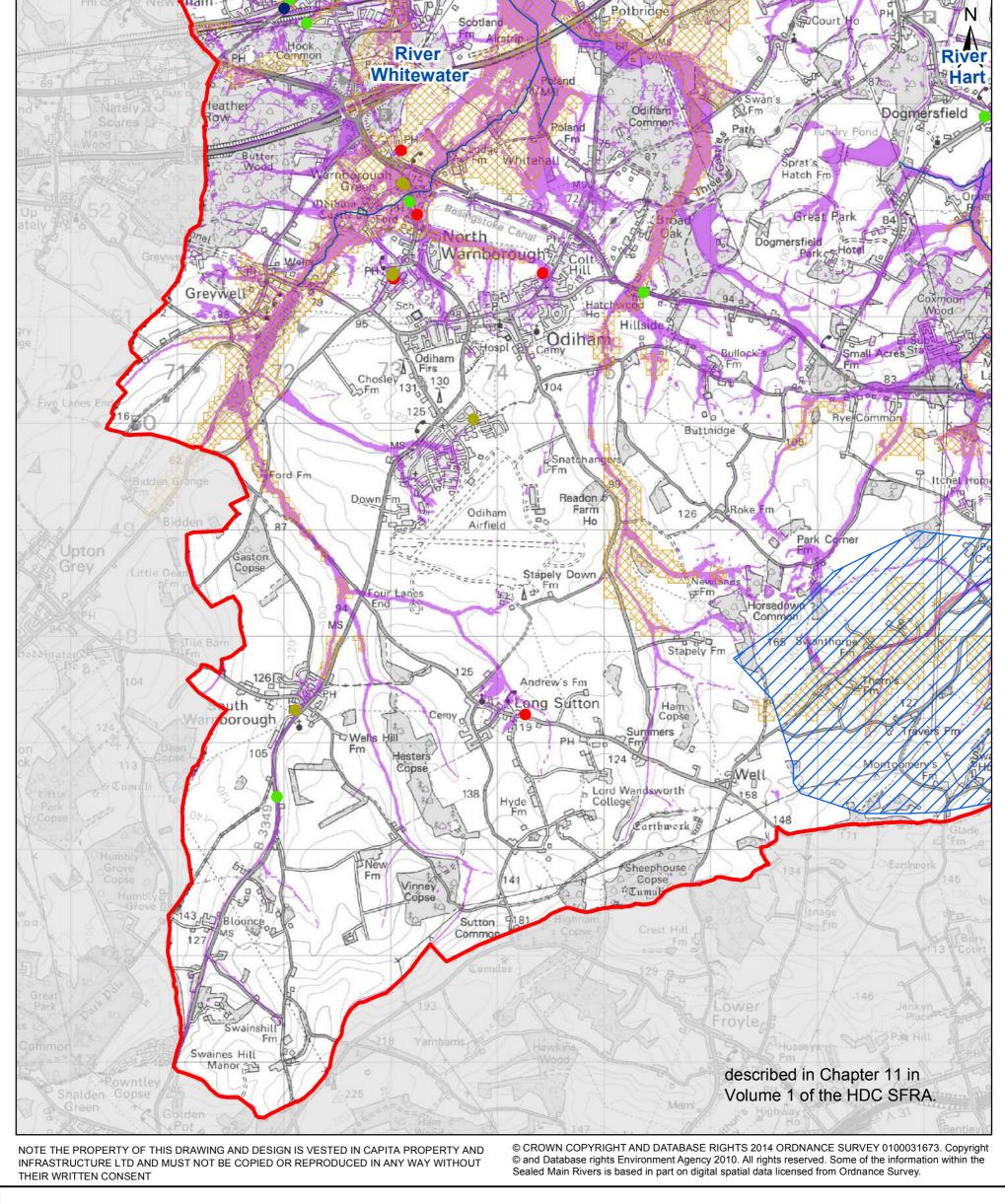
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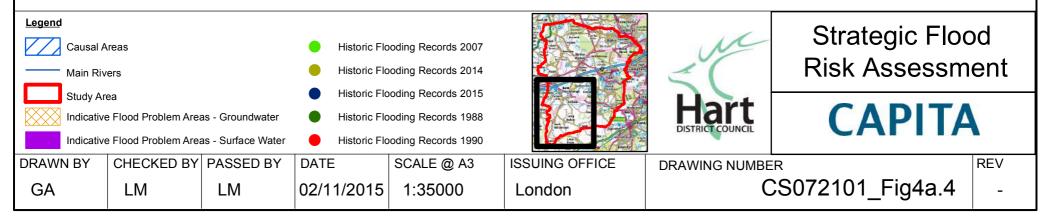


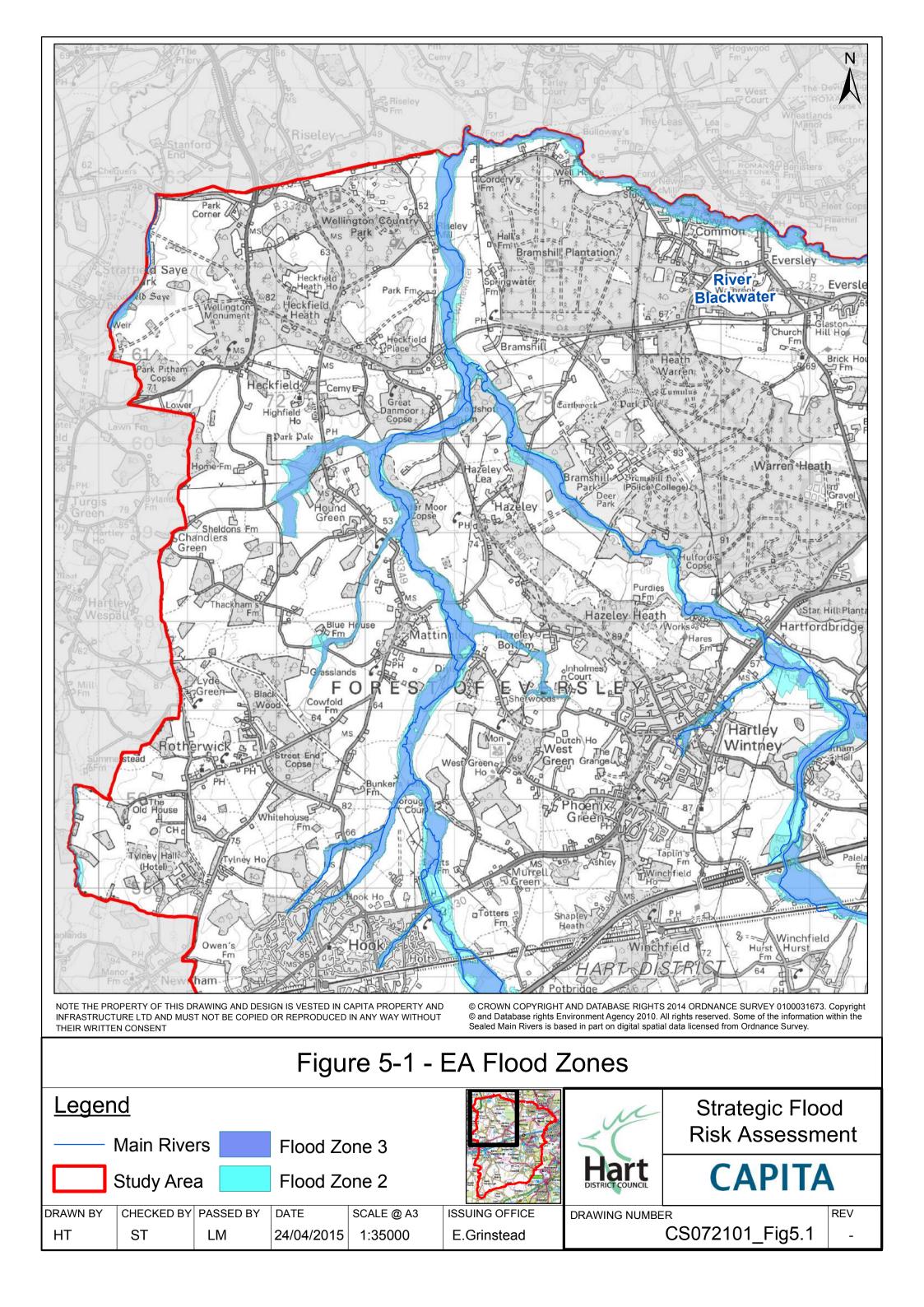


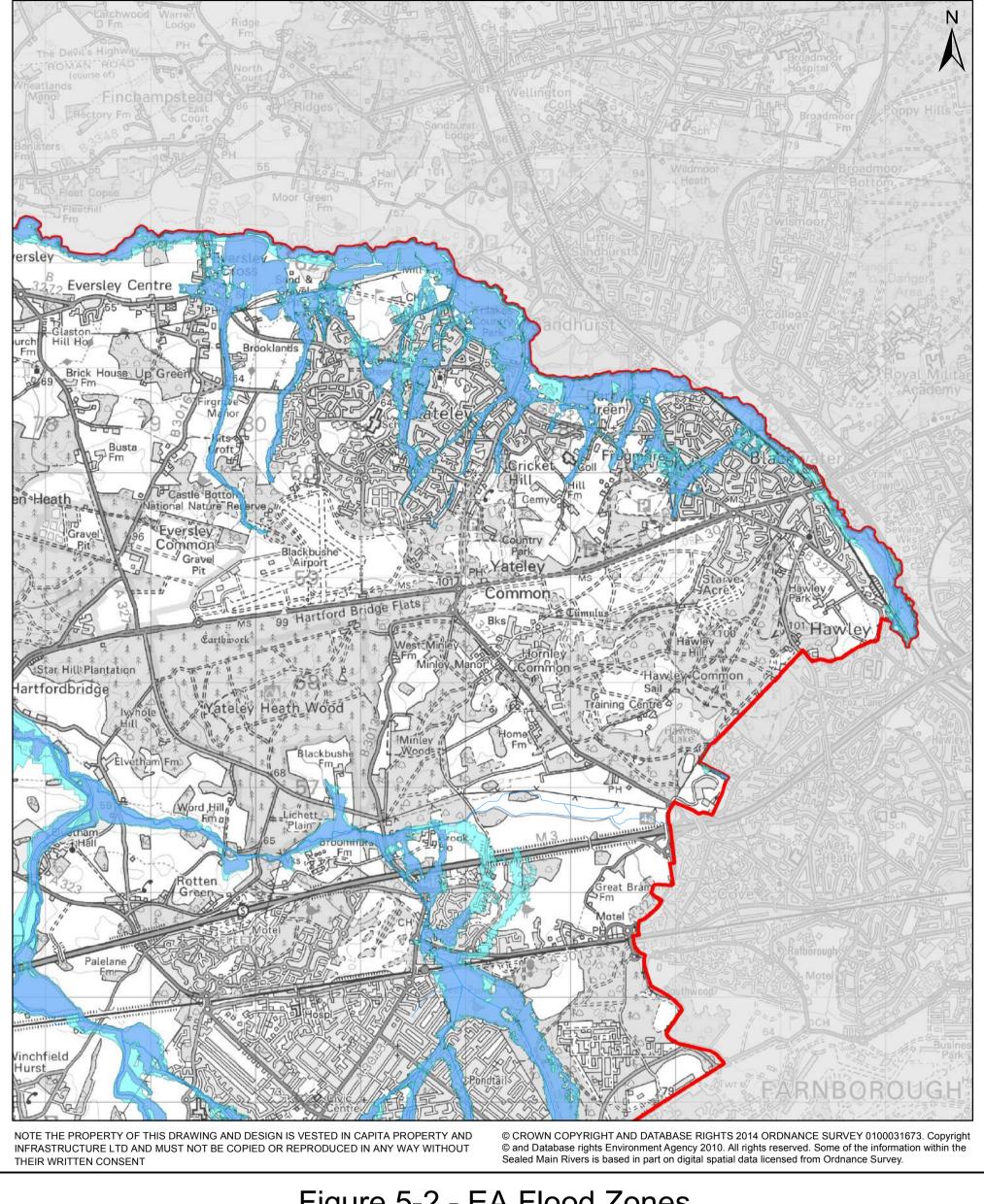




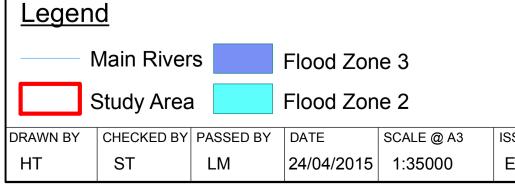
#### Figure 4a-4 - Indicative Flood Problem Areas and Causal Areas







#### Figure 5-2 - EA Flood Zones





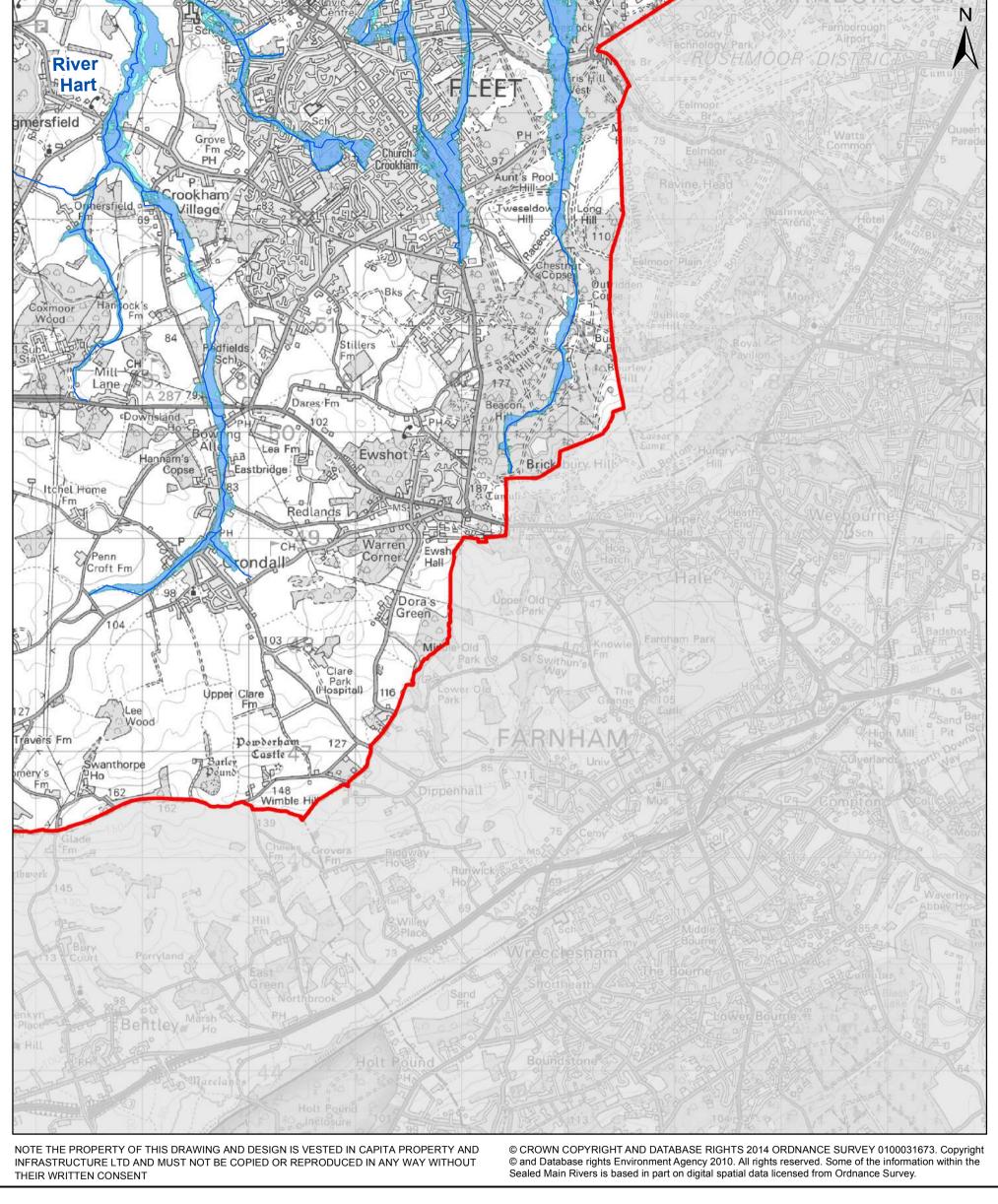
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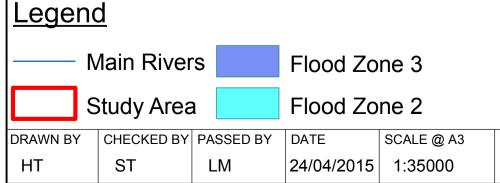
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#### Figure 5-3 - EA Flood Zones





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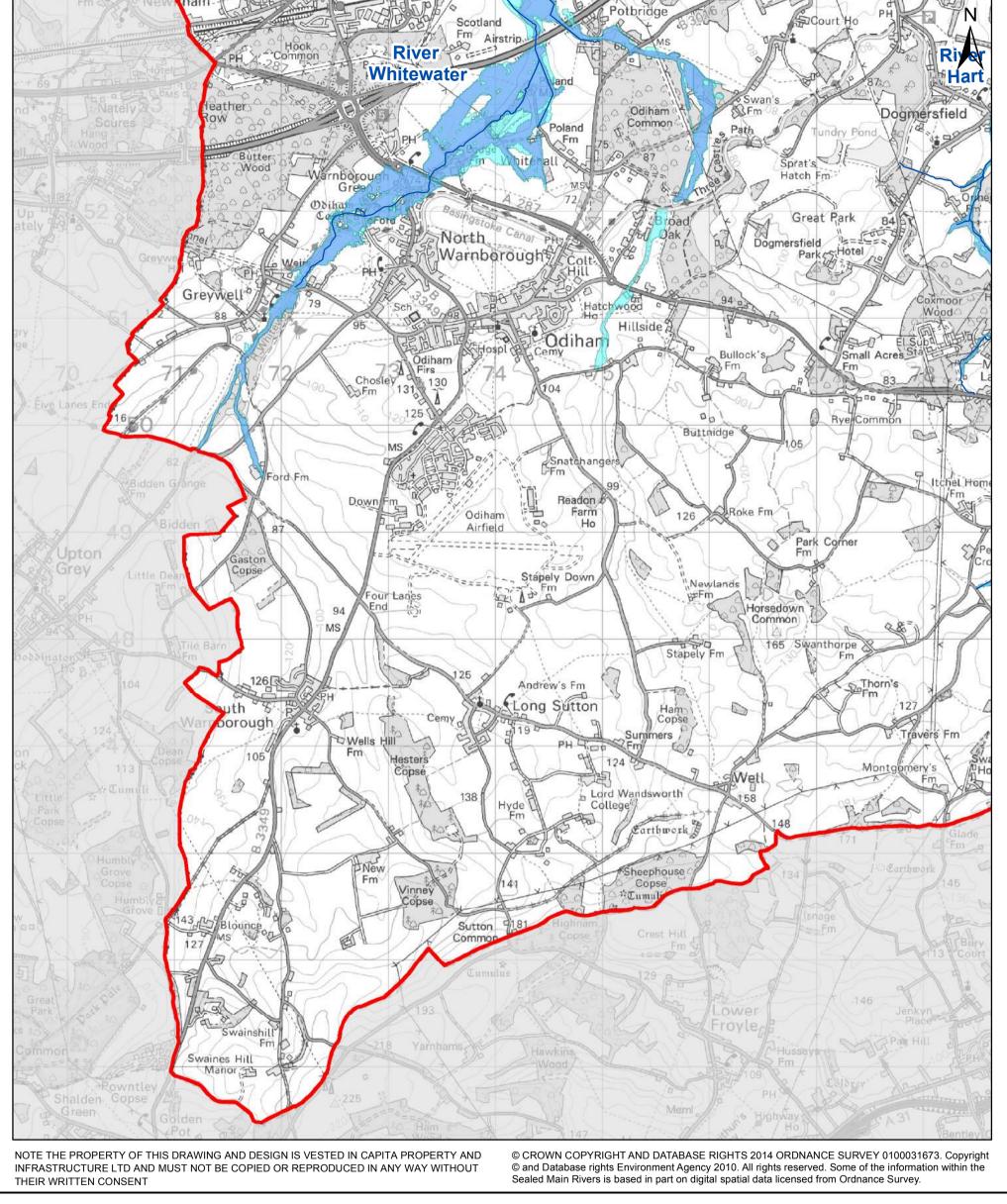


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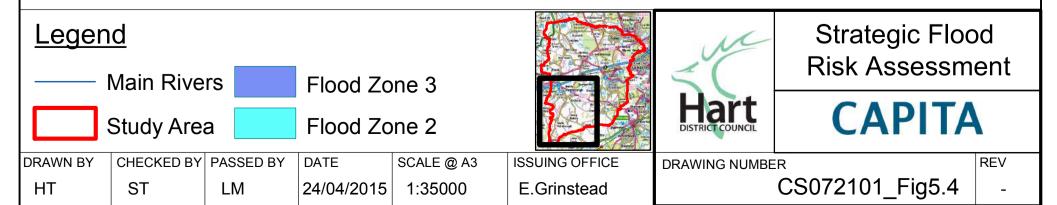
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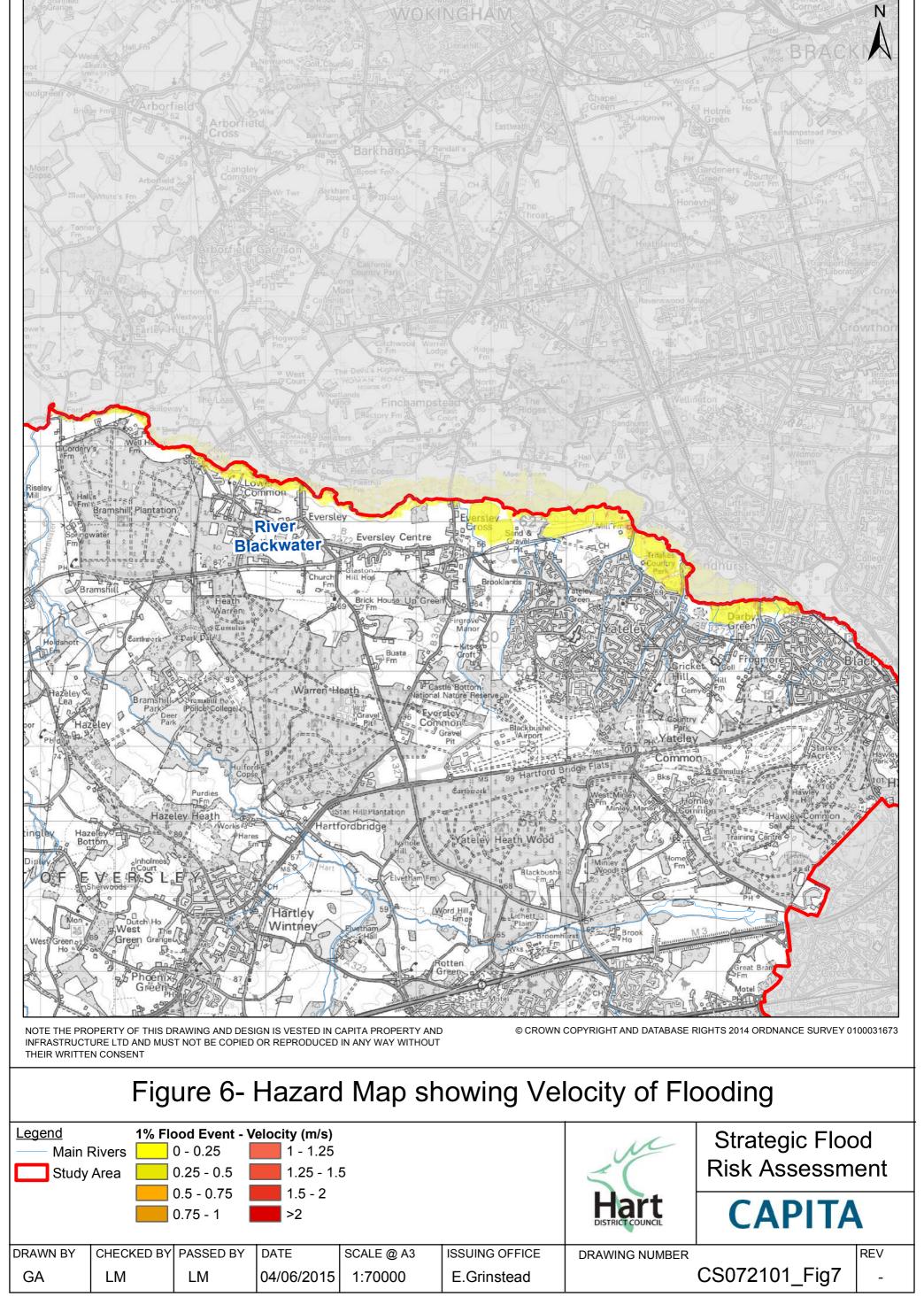
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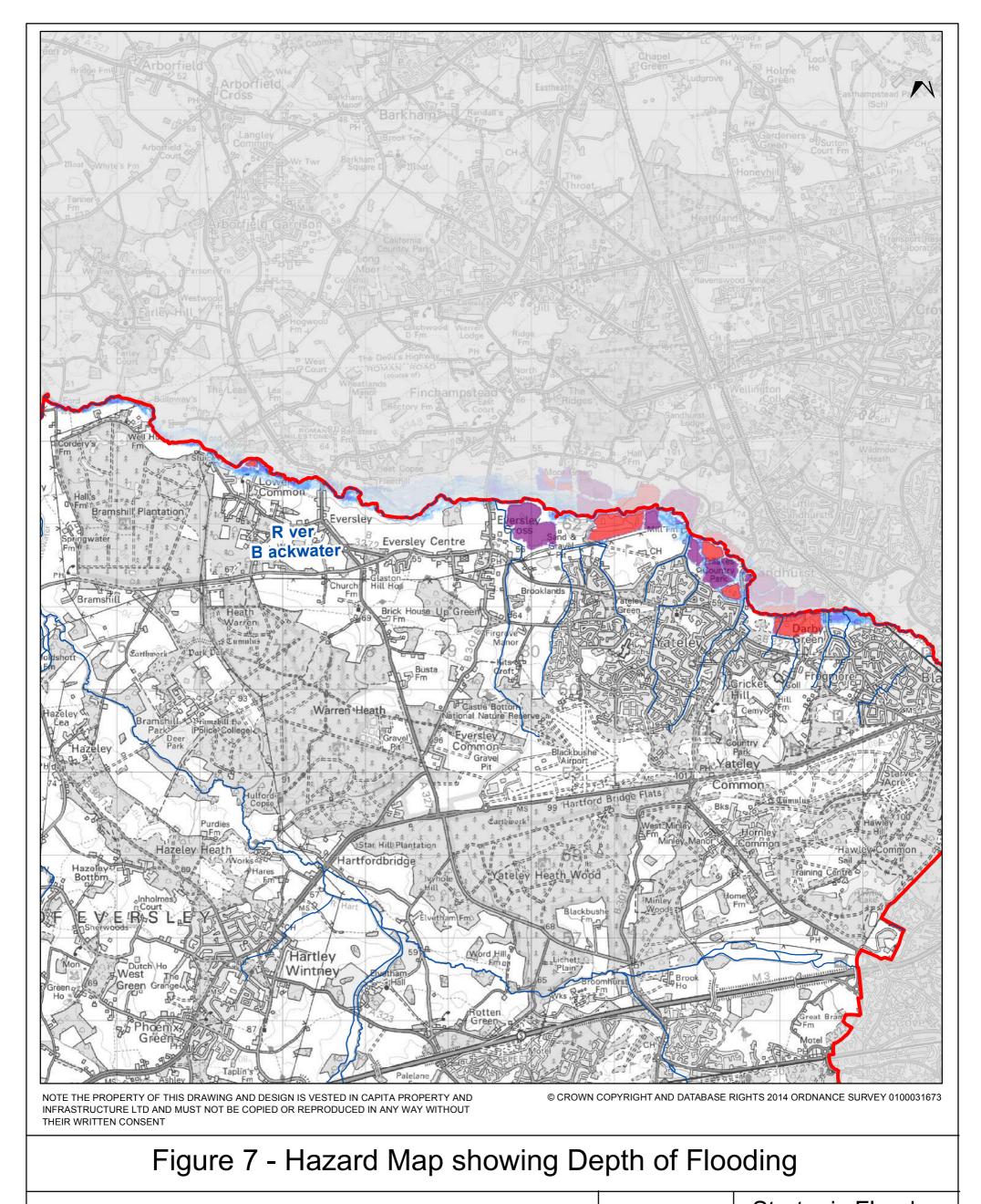
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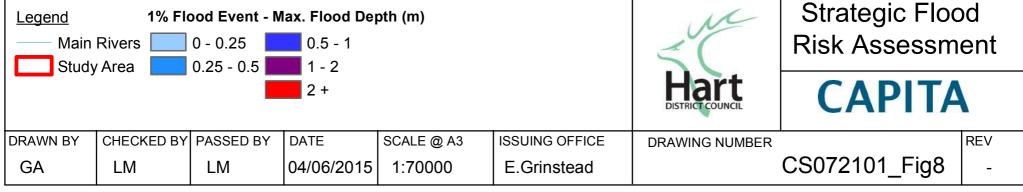


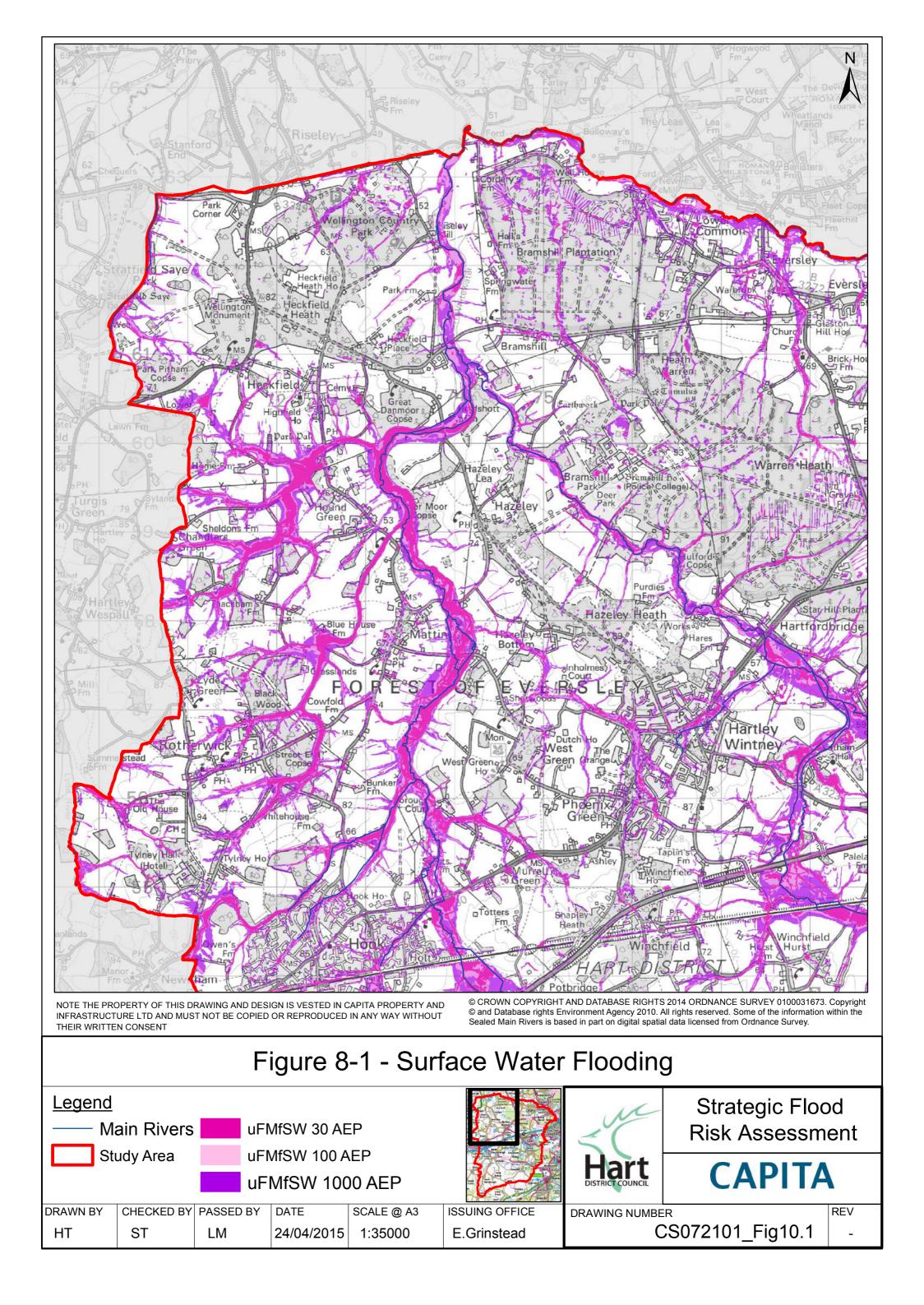
# Figure 5-4 - EA Flood Zones

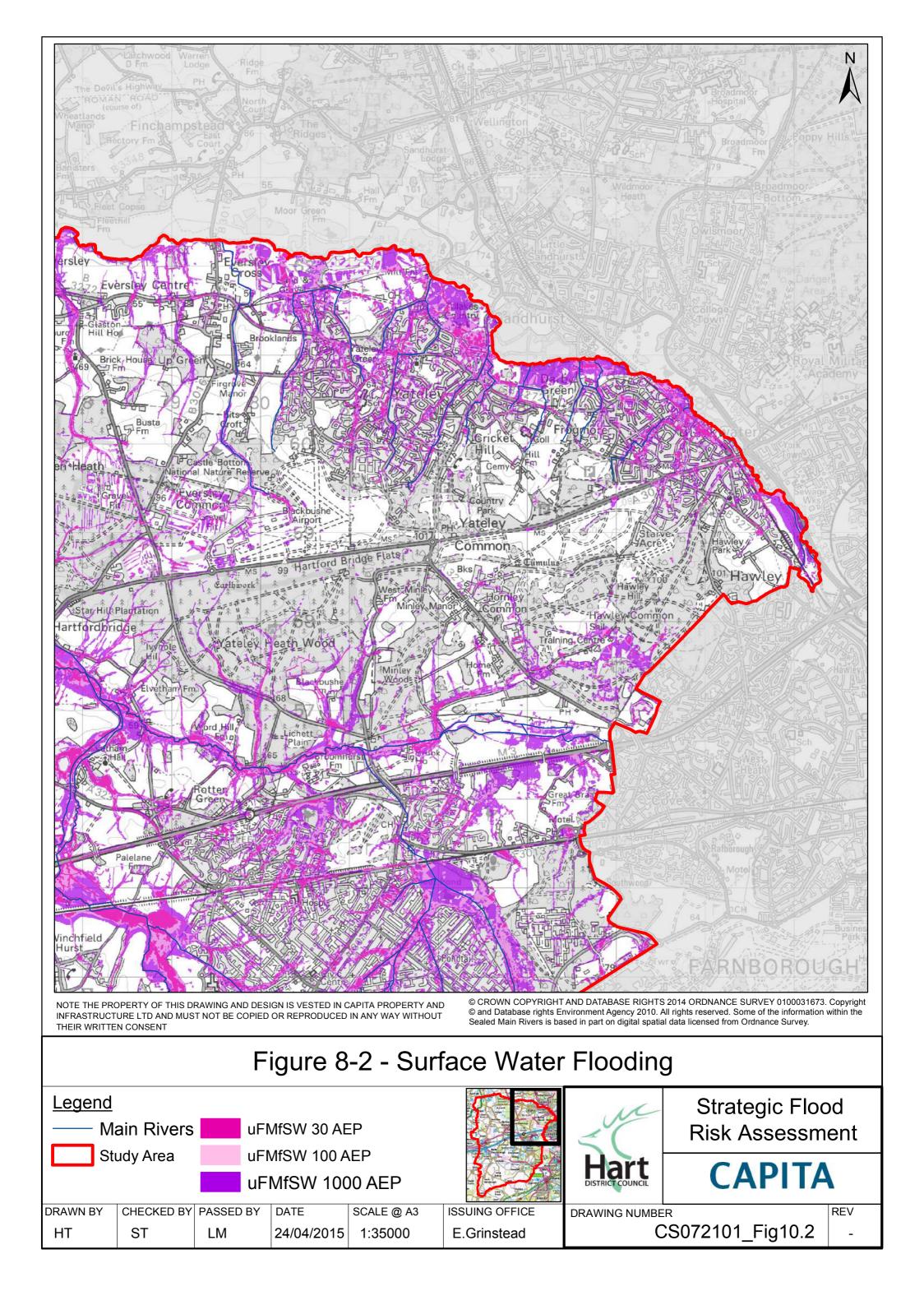


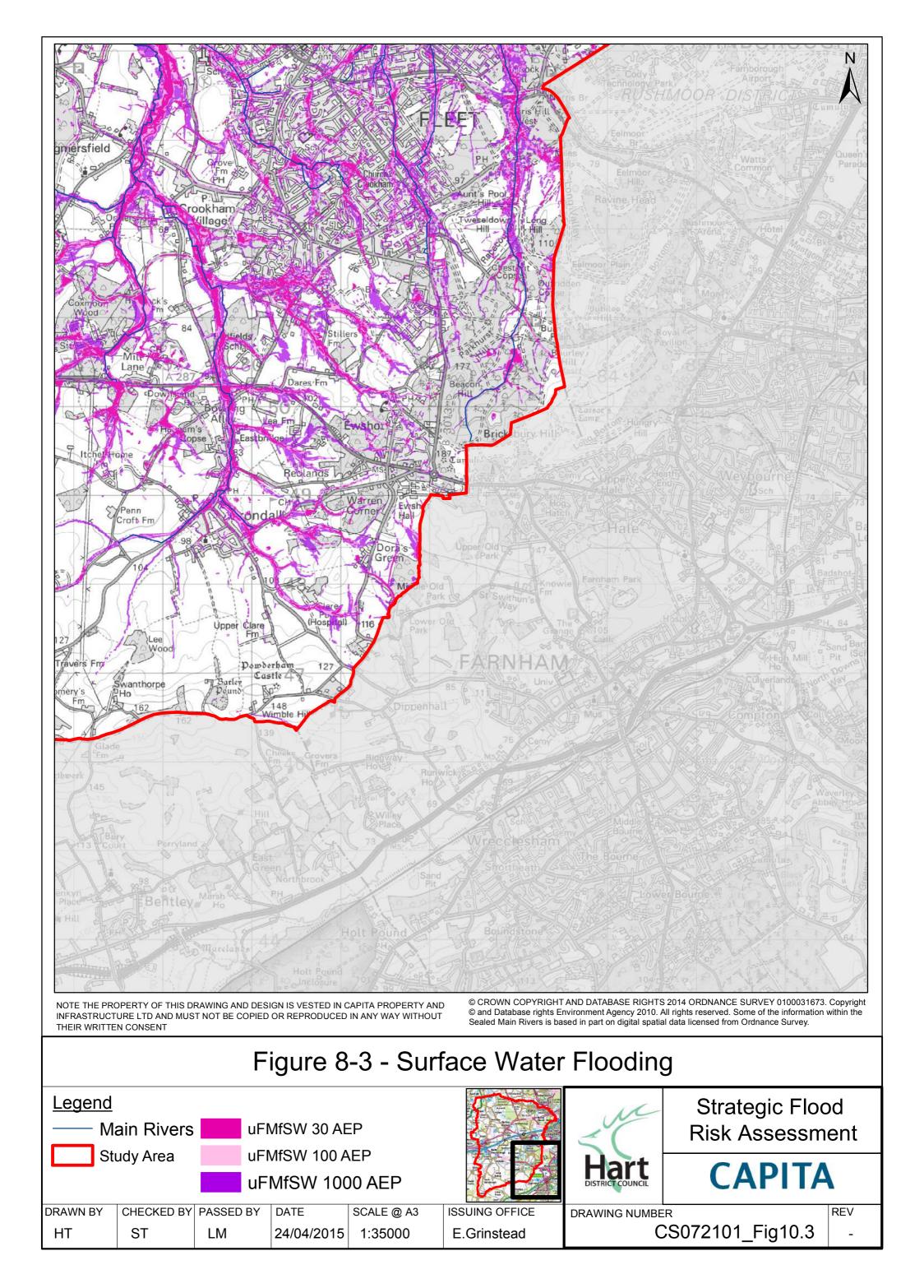


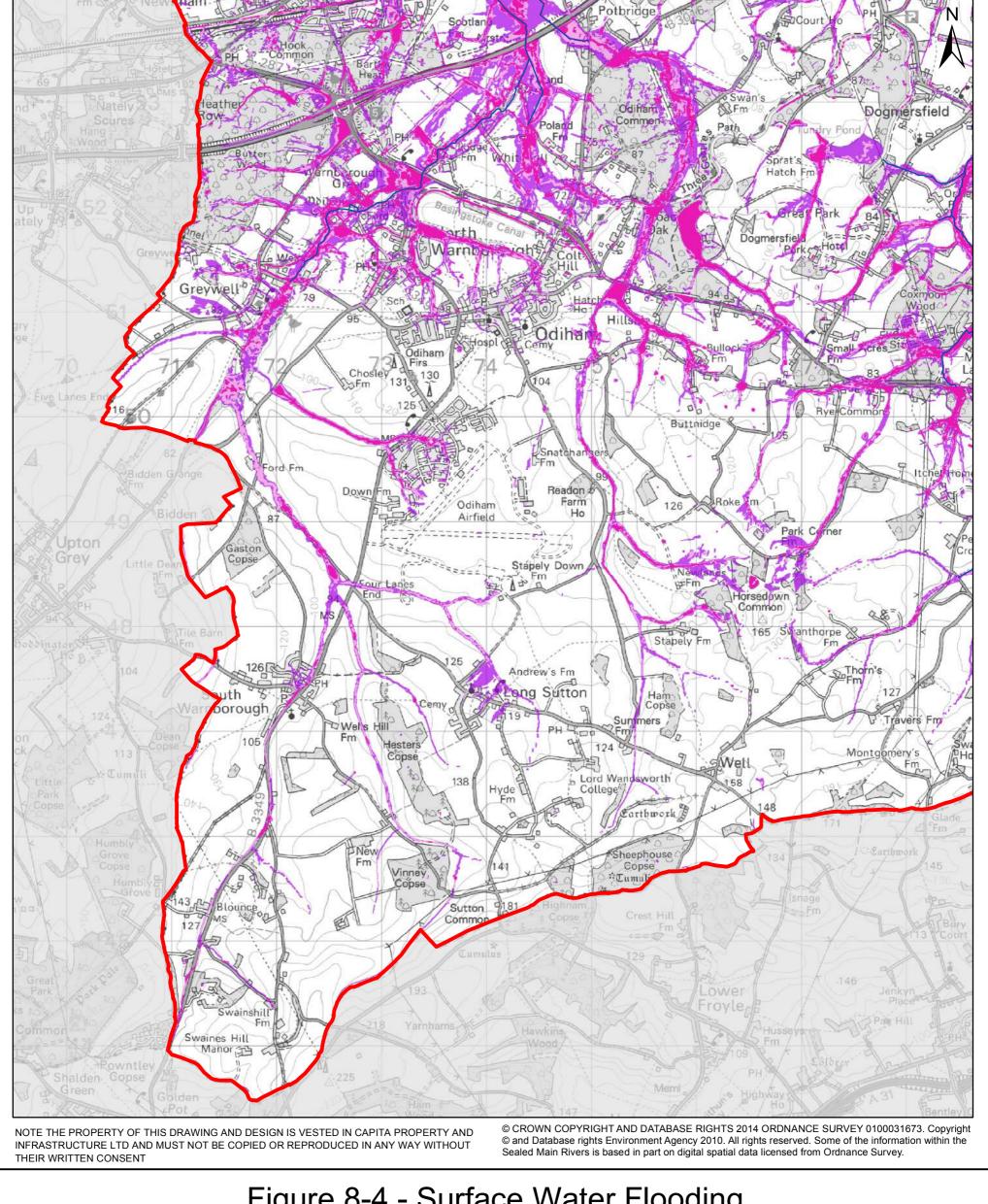




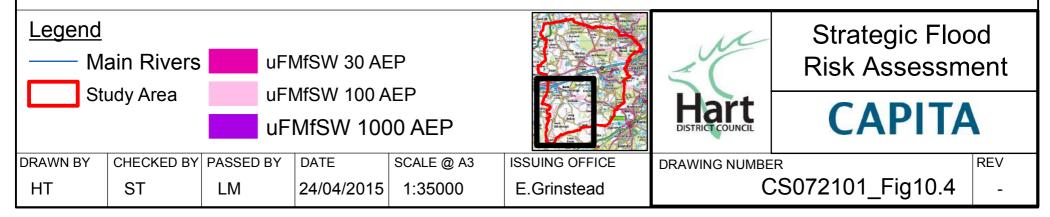








### Figure 8-4 - Surface Water Flooding



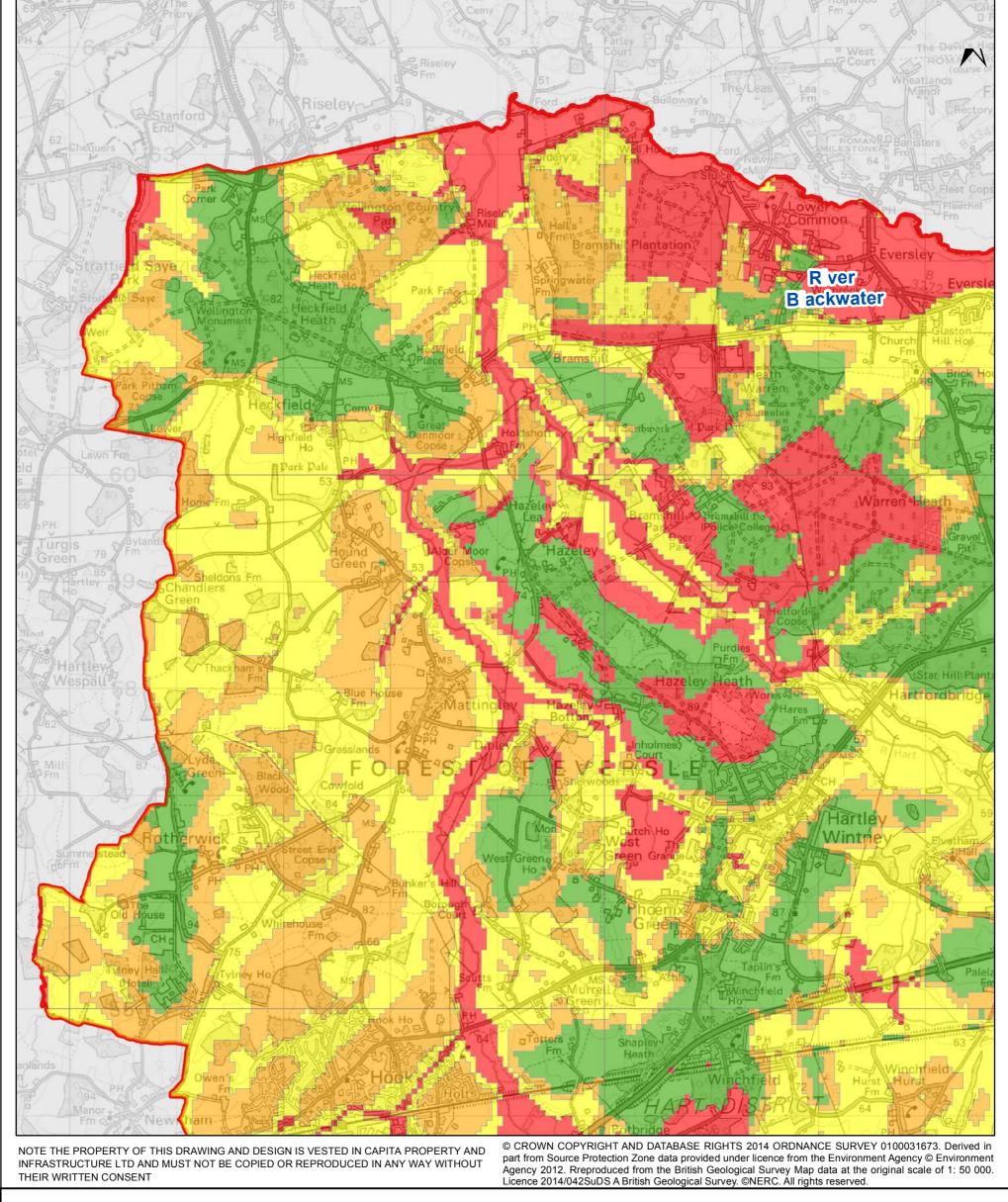
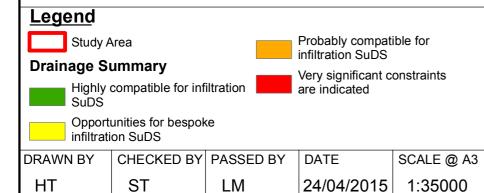


Figure 9-1 - Infiltration SuDS Suitability



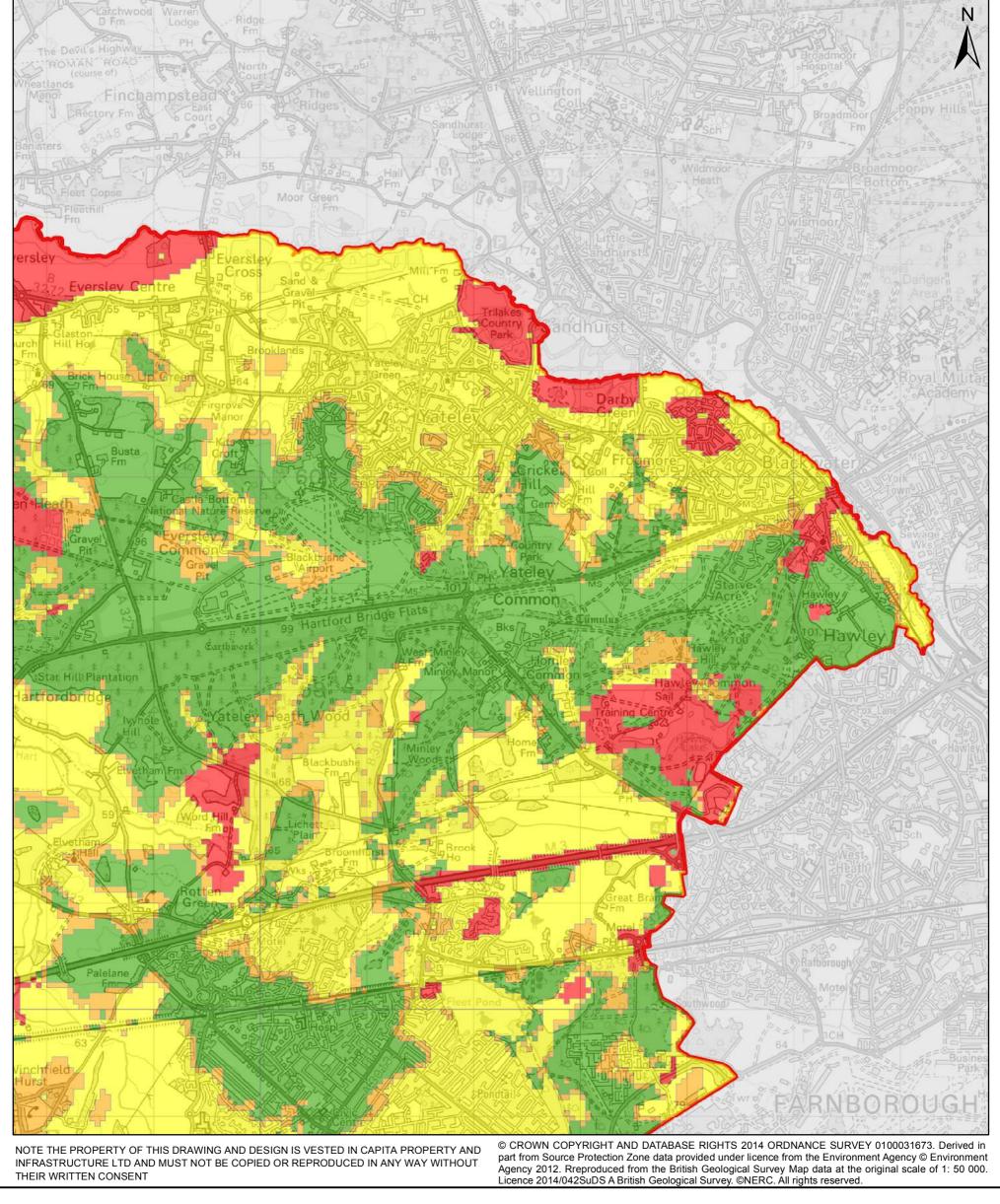
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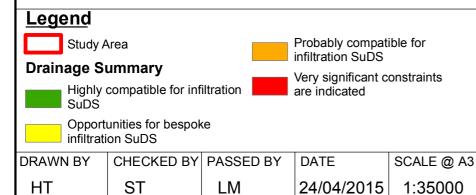
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# Figure 9-2 - Infiltration SuDS Suitability



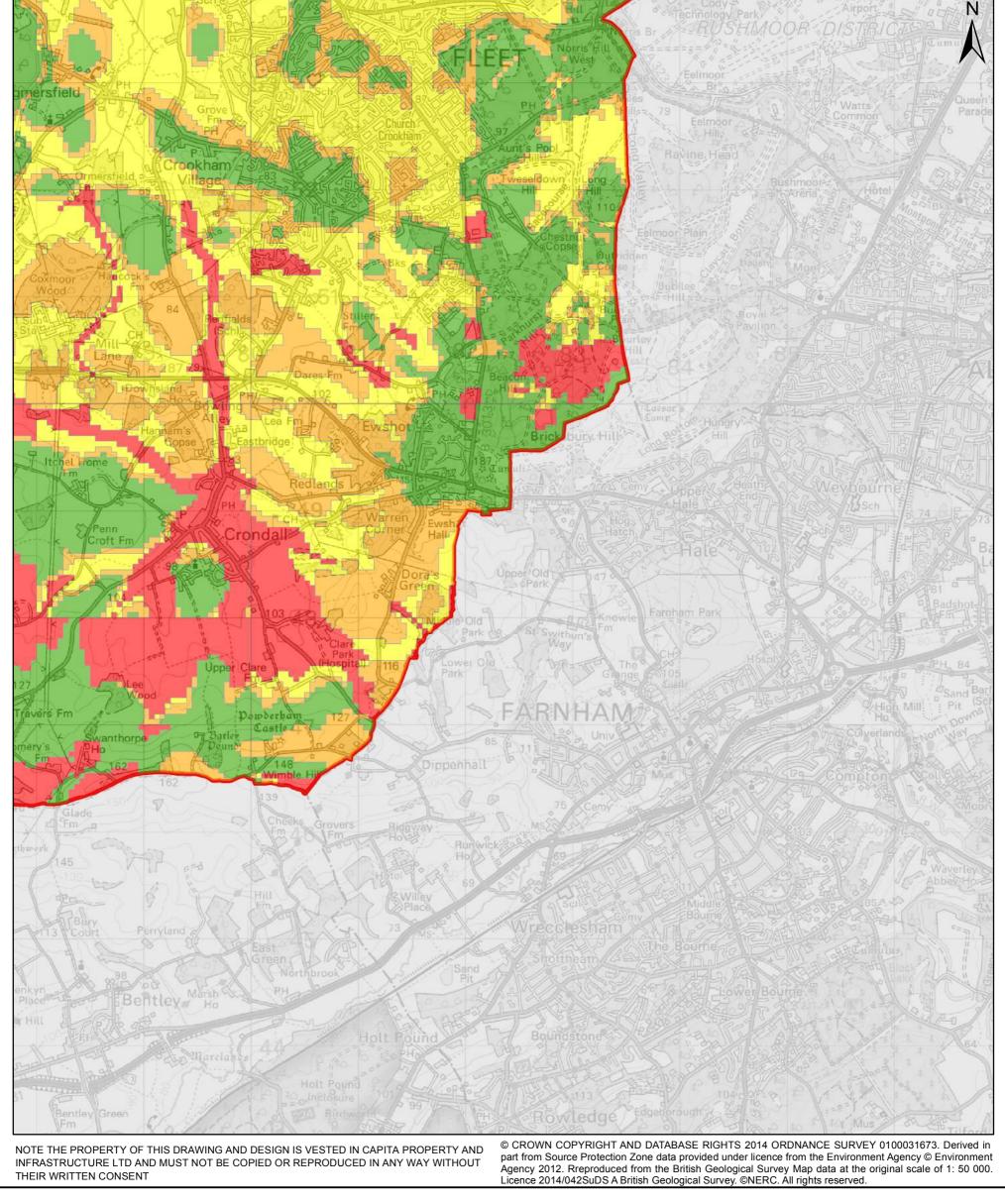
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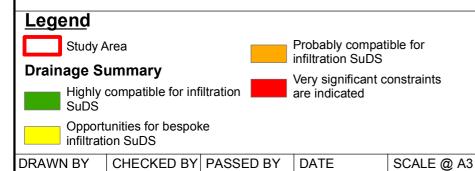
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### Figure 9-3 - Infiltration SuDS Suitability



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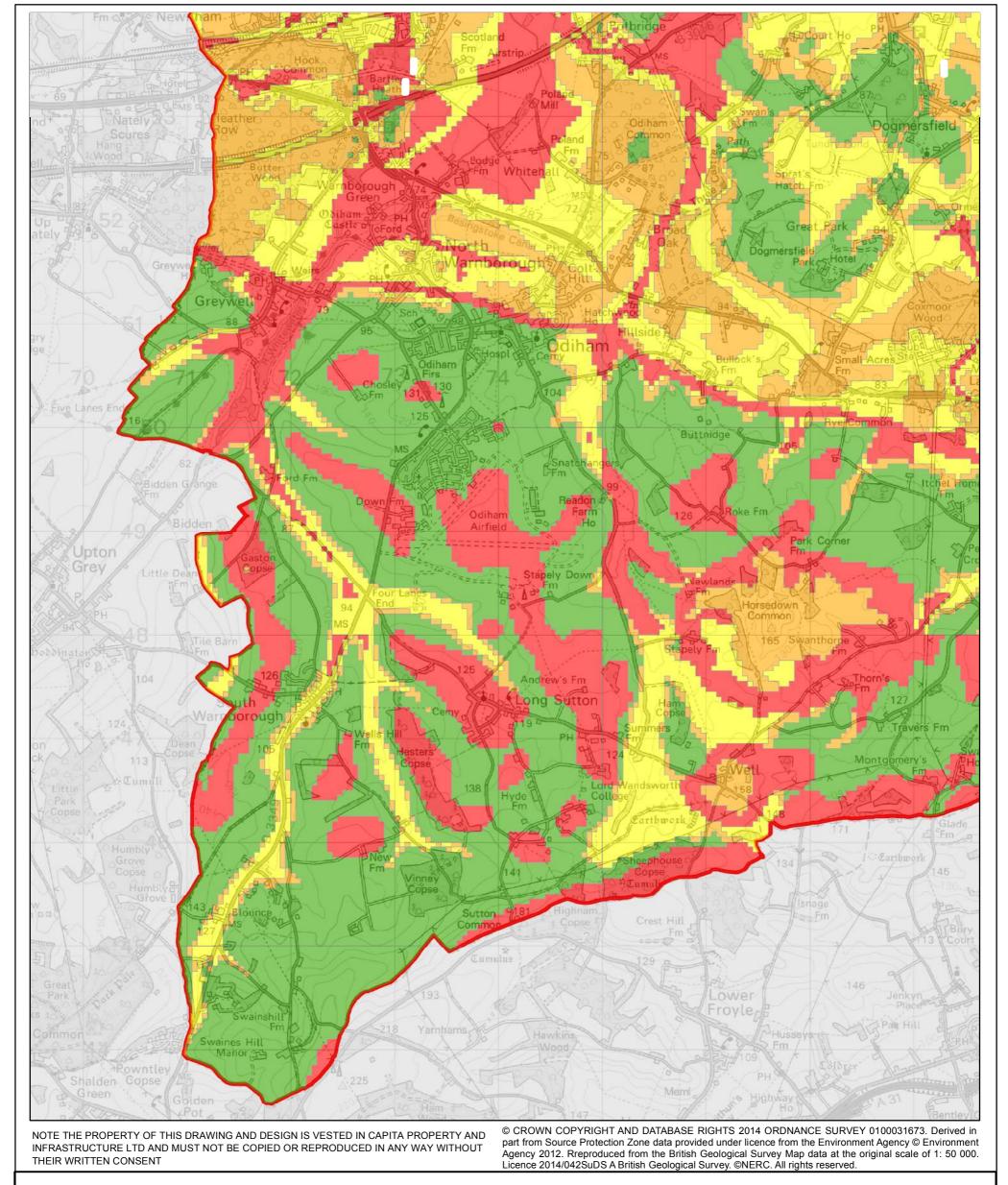
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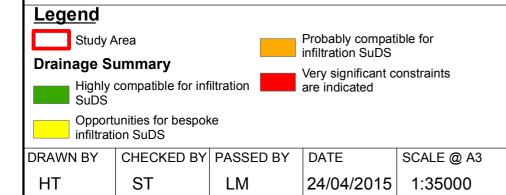
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# Figure 9-4 - Infiltration SuDS Suitability

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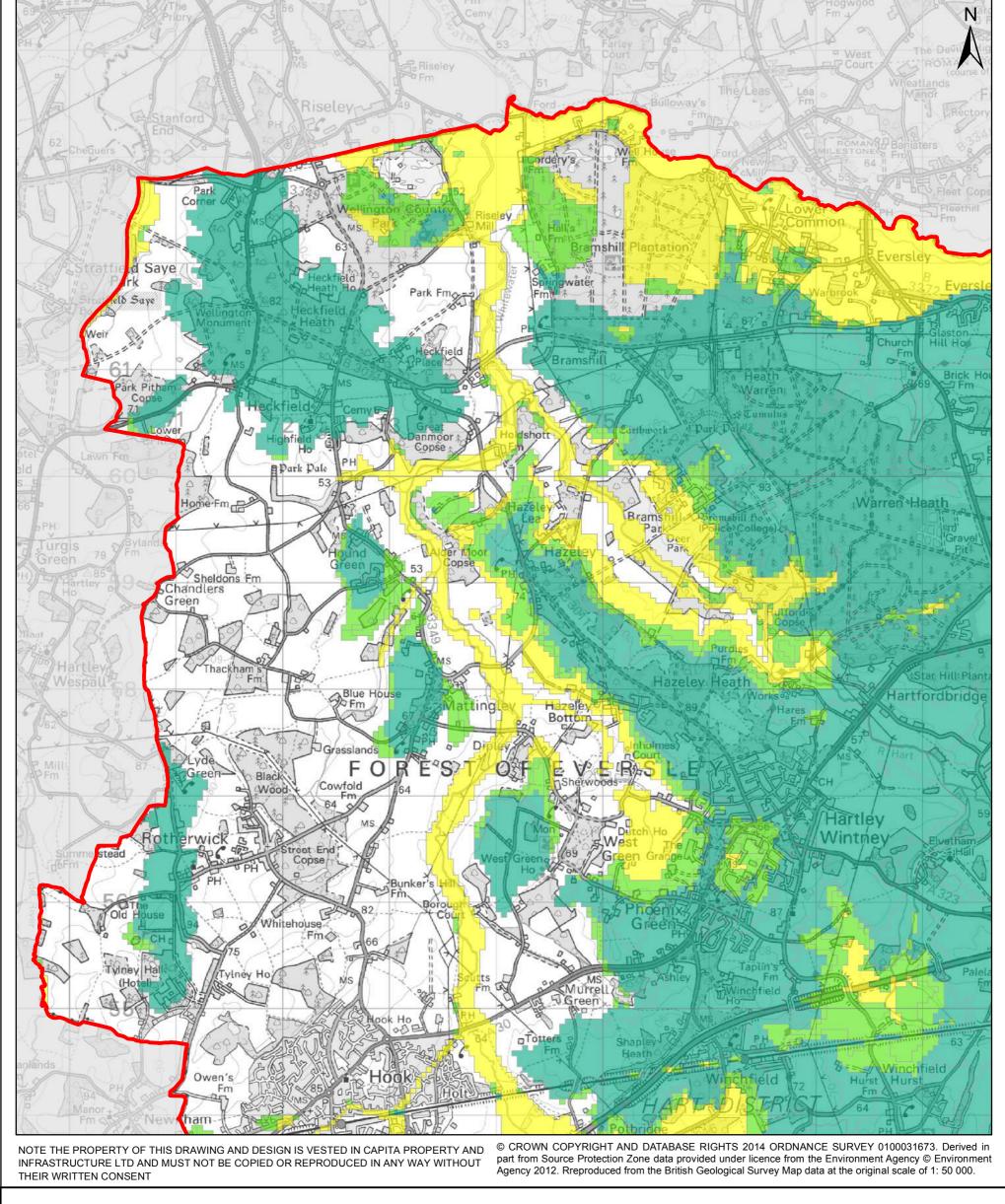




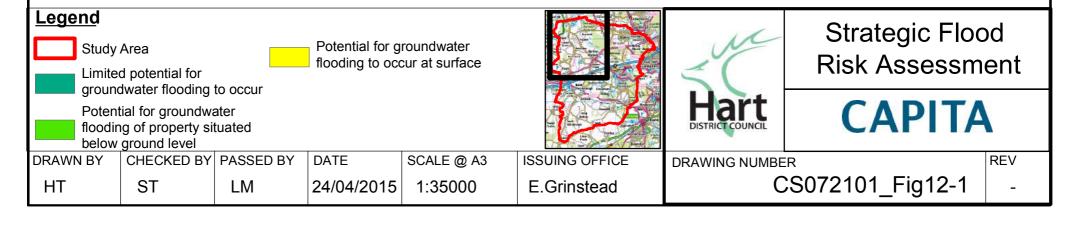
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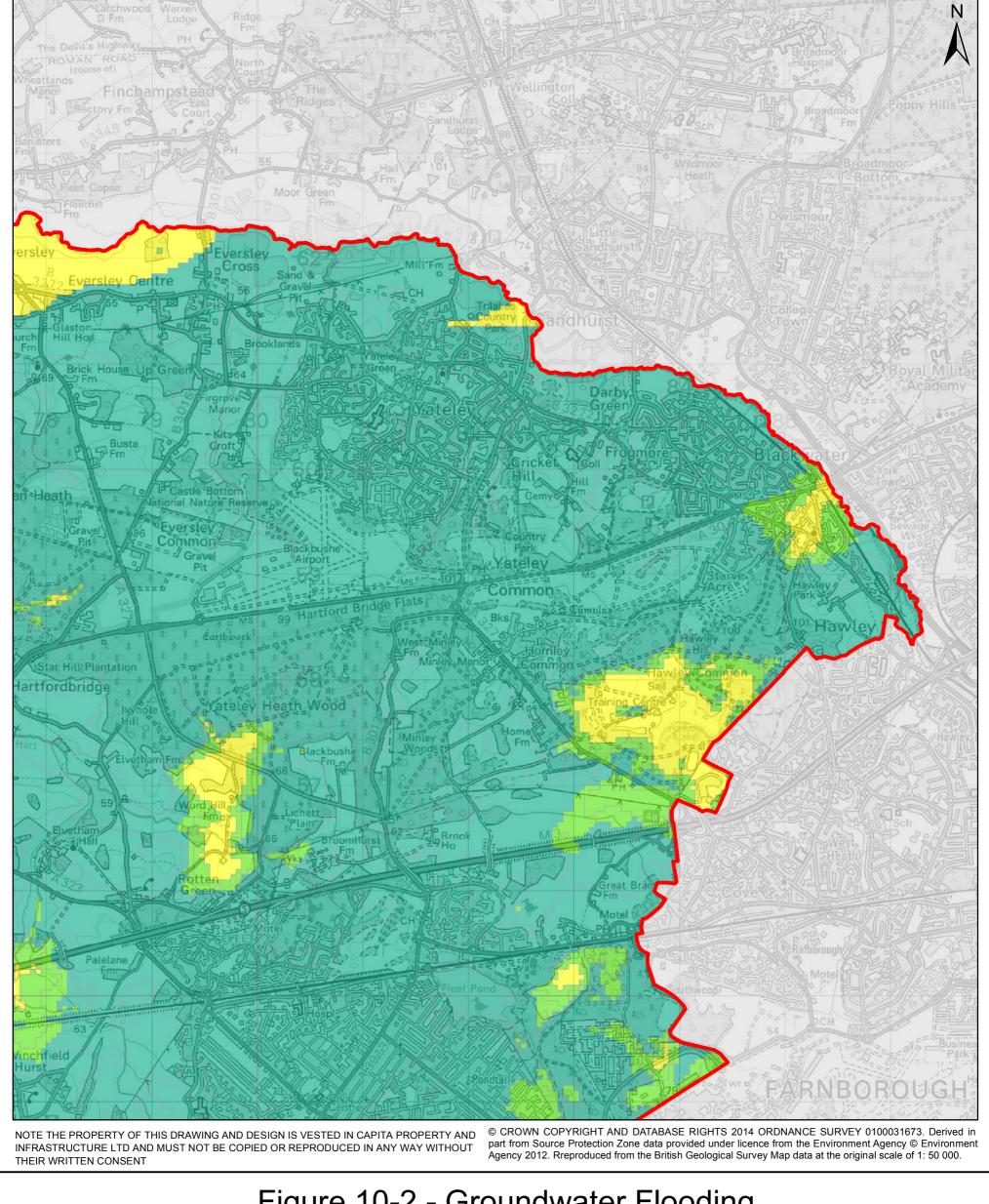


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# Figure 10-1 - Groundwater Flooding





## Figure 10-2 - Groundwater Flooding

#### **Legend** Strategic Flood Potential for groundwater Study Area Risk Assessment flooding to occur at surface Limited potential for groundwater flooding to occur Hart **CAPITA** Potential for groundwater flooding of property situated below ground level ISSUING OFFICE CHECKED BY PASSED BY DATE SCALE @ A3 **REV** DRAWN BY DRAWING NUMBER CS072101\_Fig12-2 24/04/2015 HT ST LM 1:35000 E.Grinstead

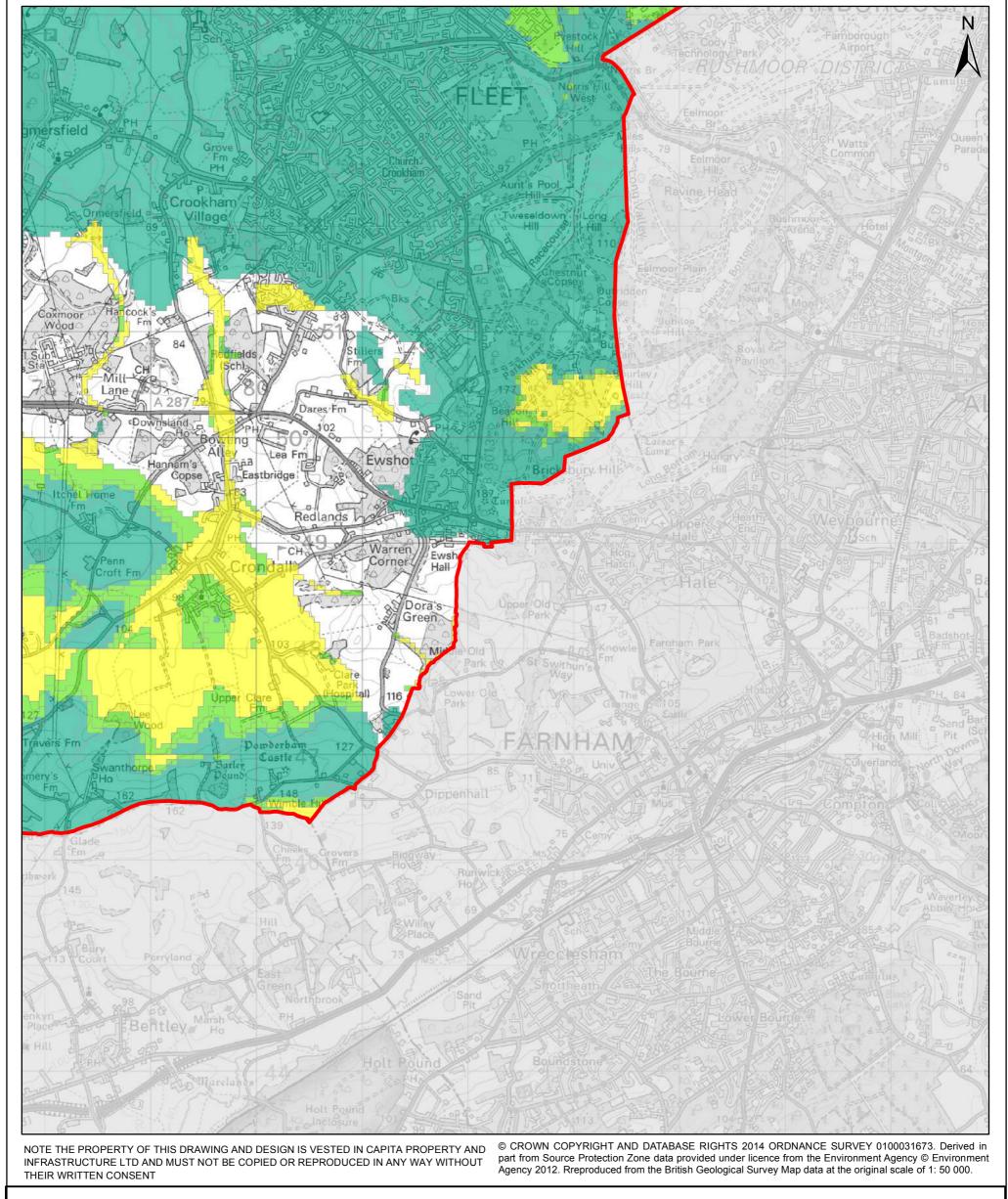
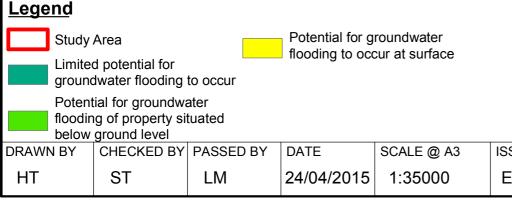
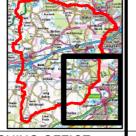


Figure 10-3 - Groundwater Flooding





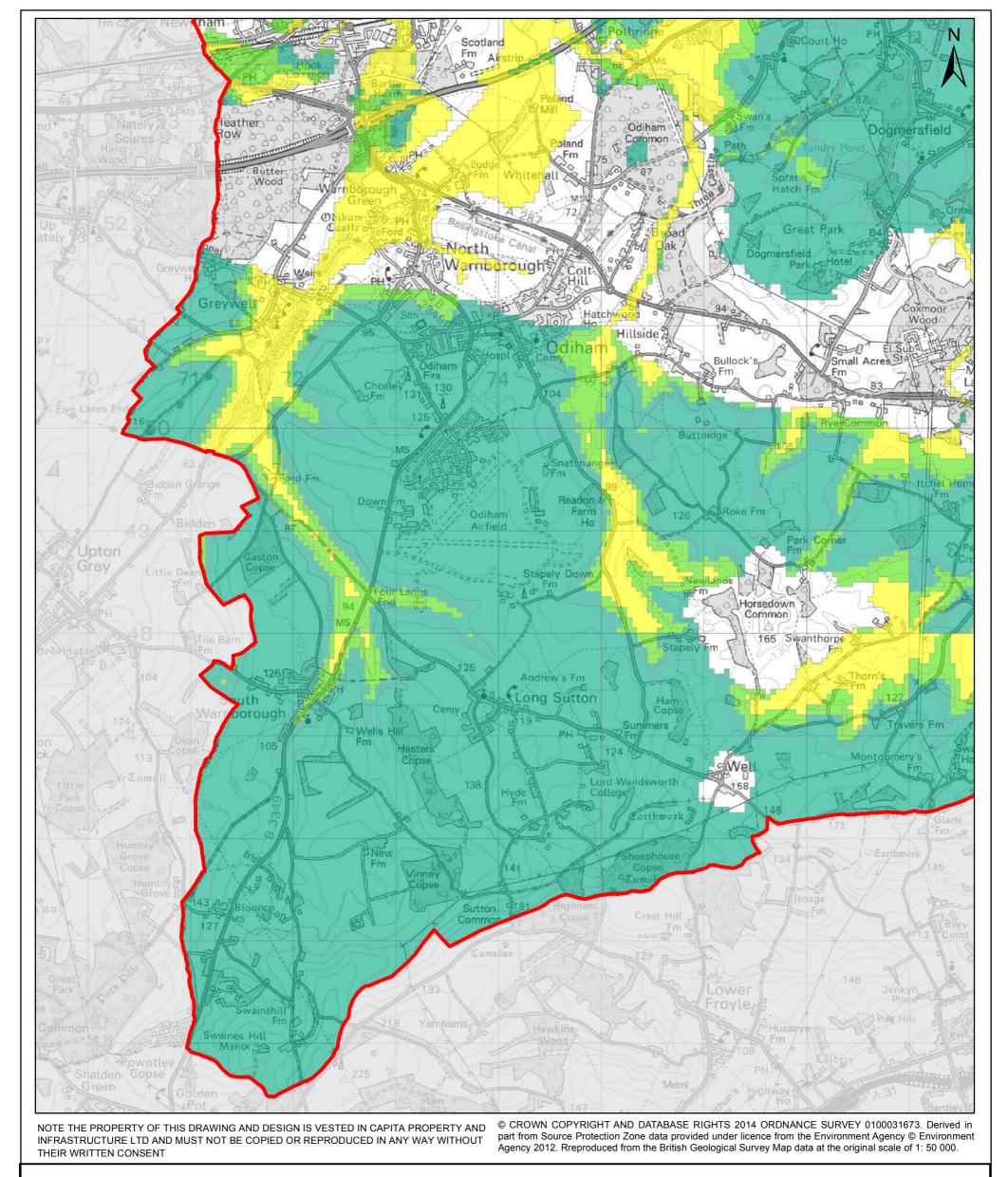
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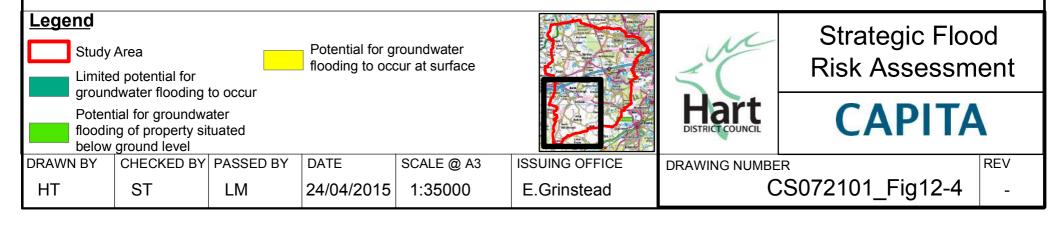
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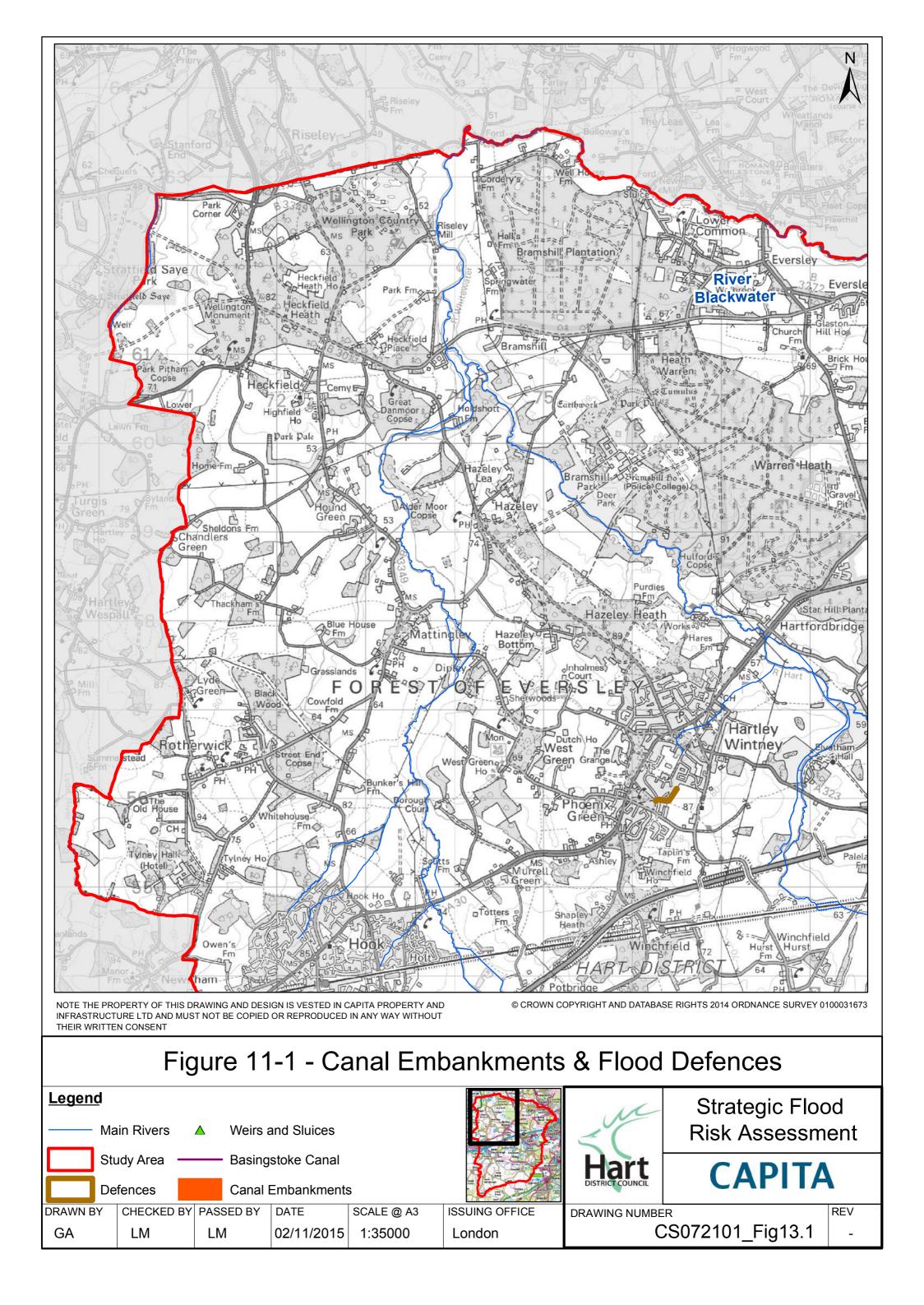
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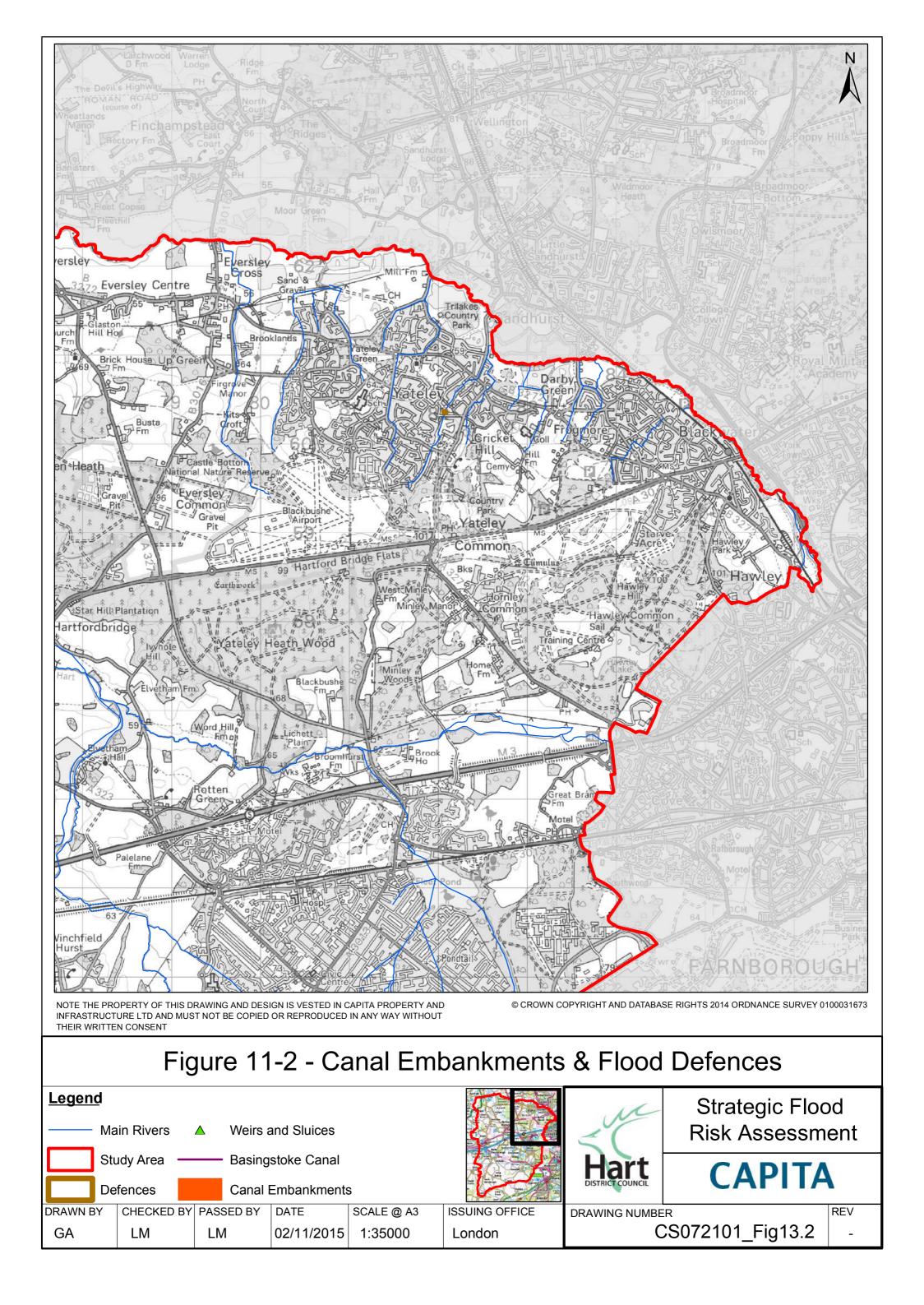
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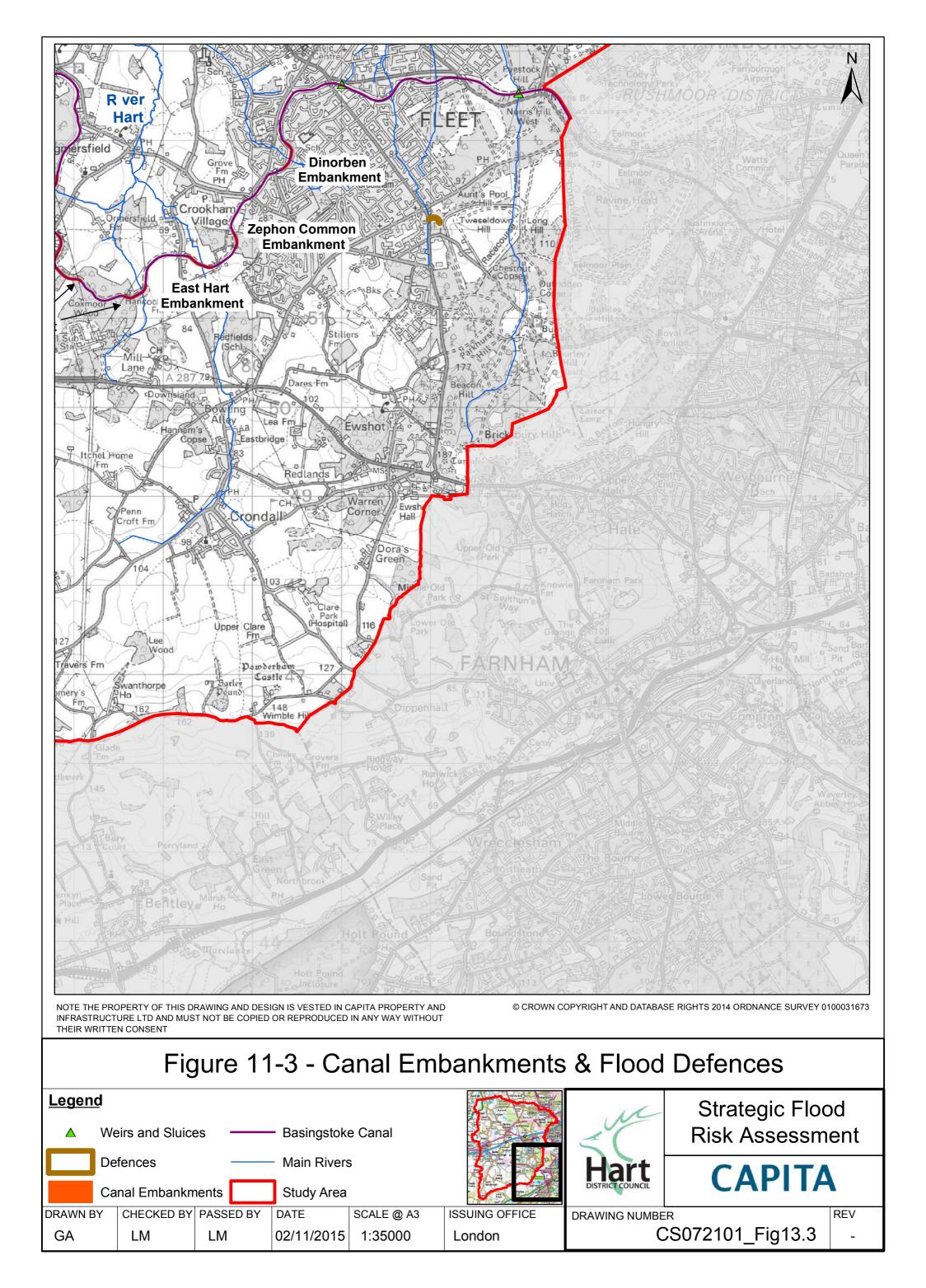


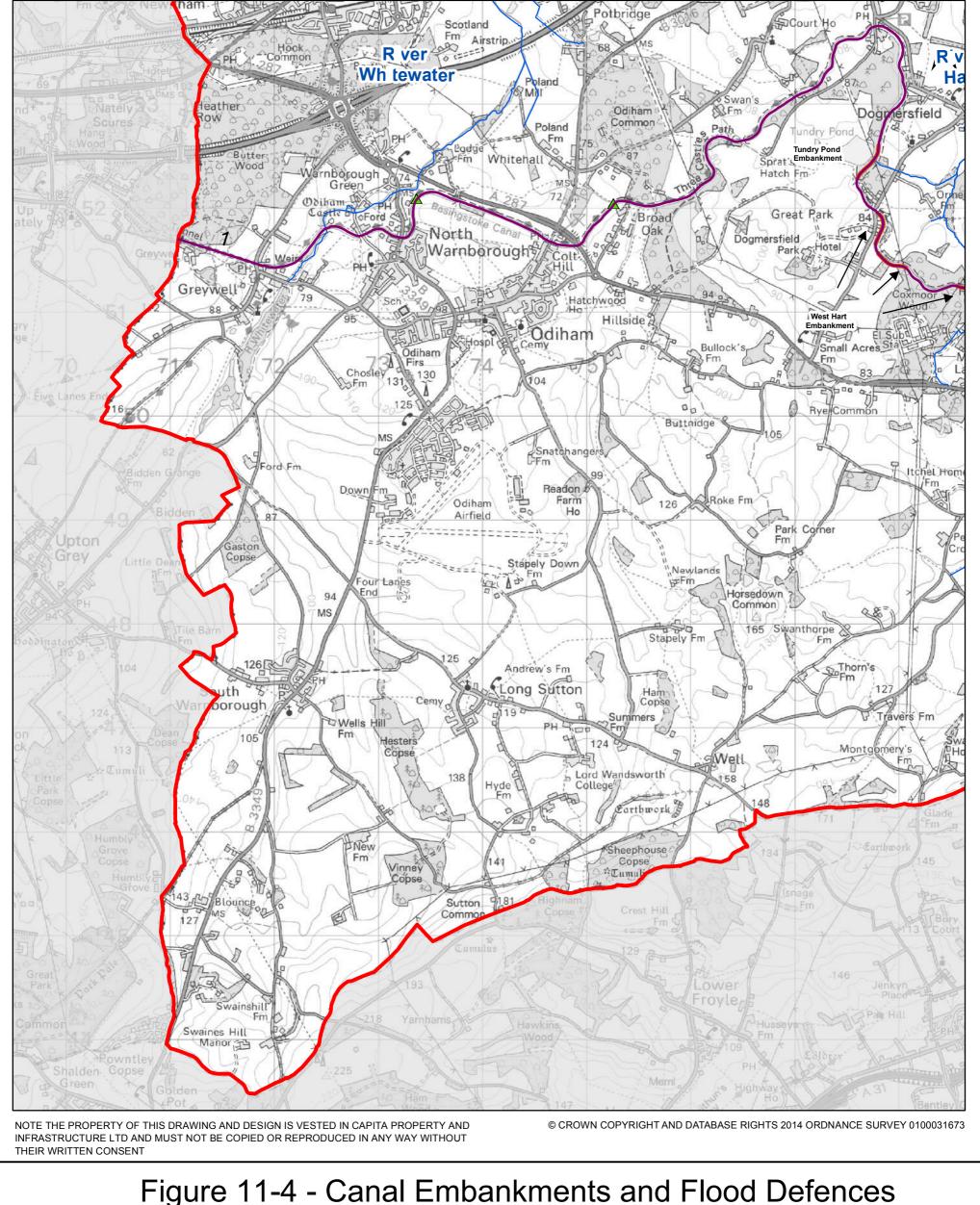
### Figure 10-4 - Groundwater Flooding



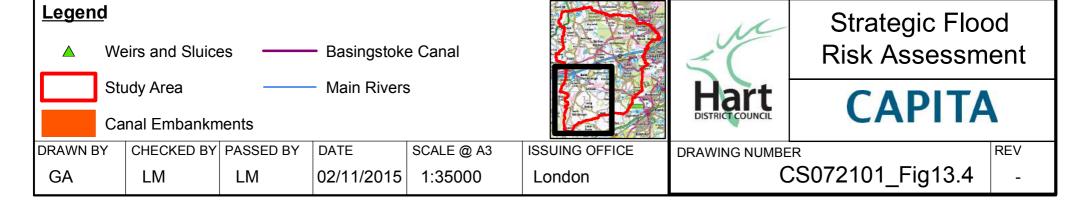


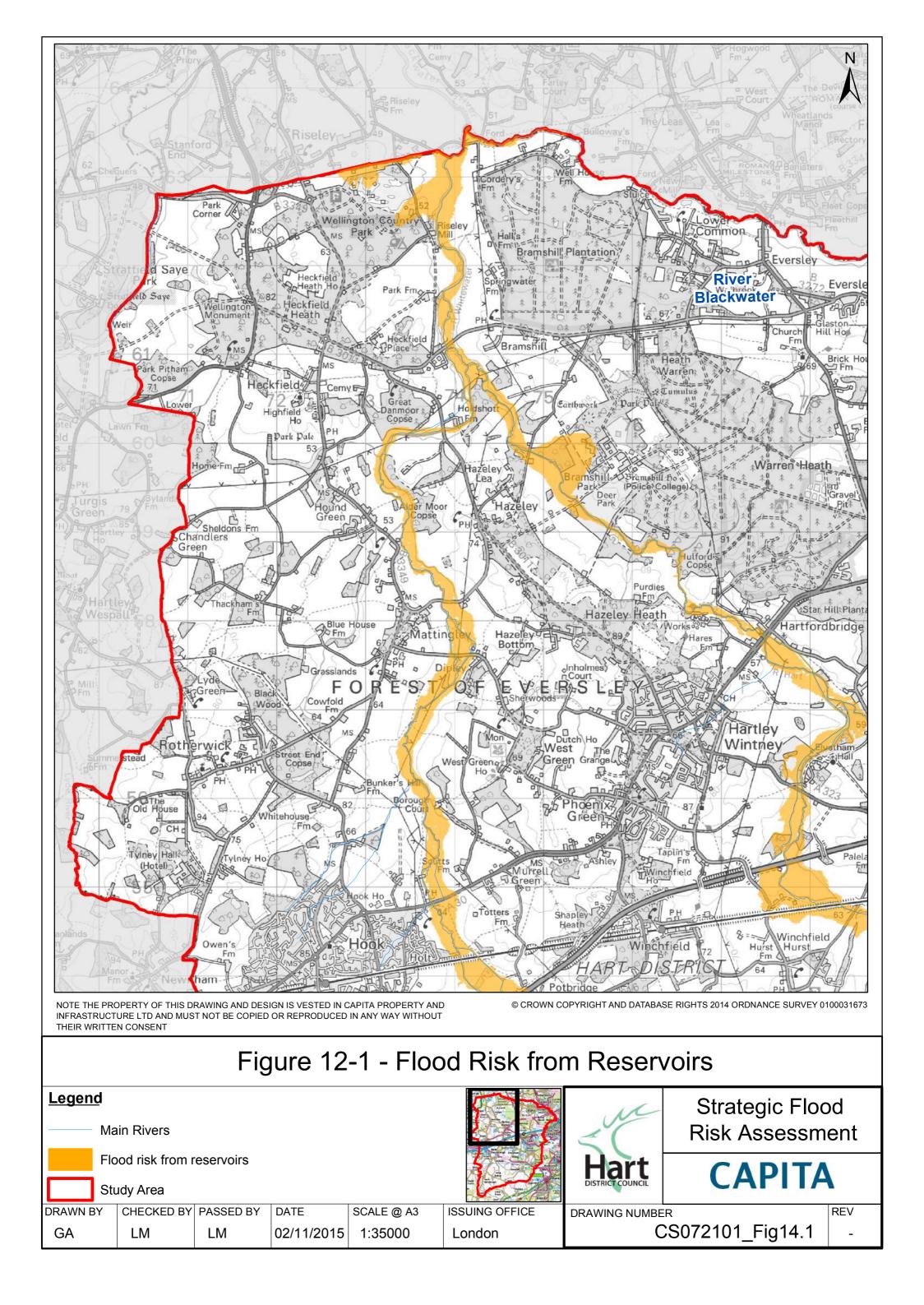


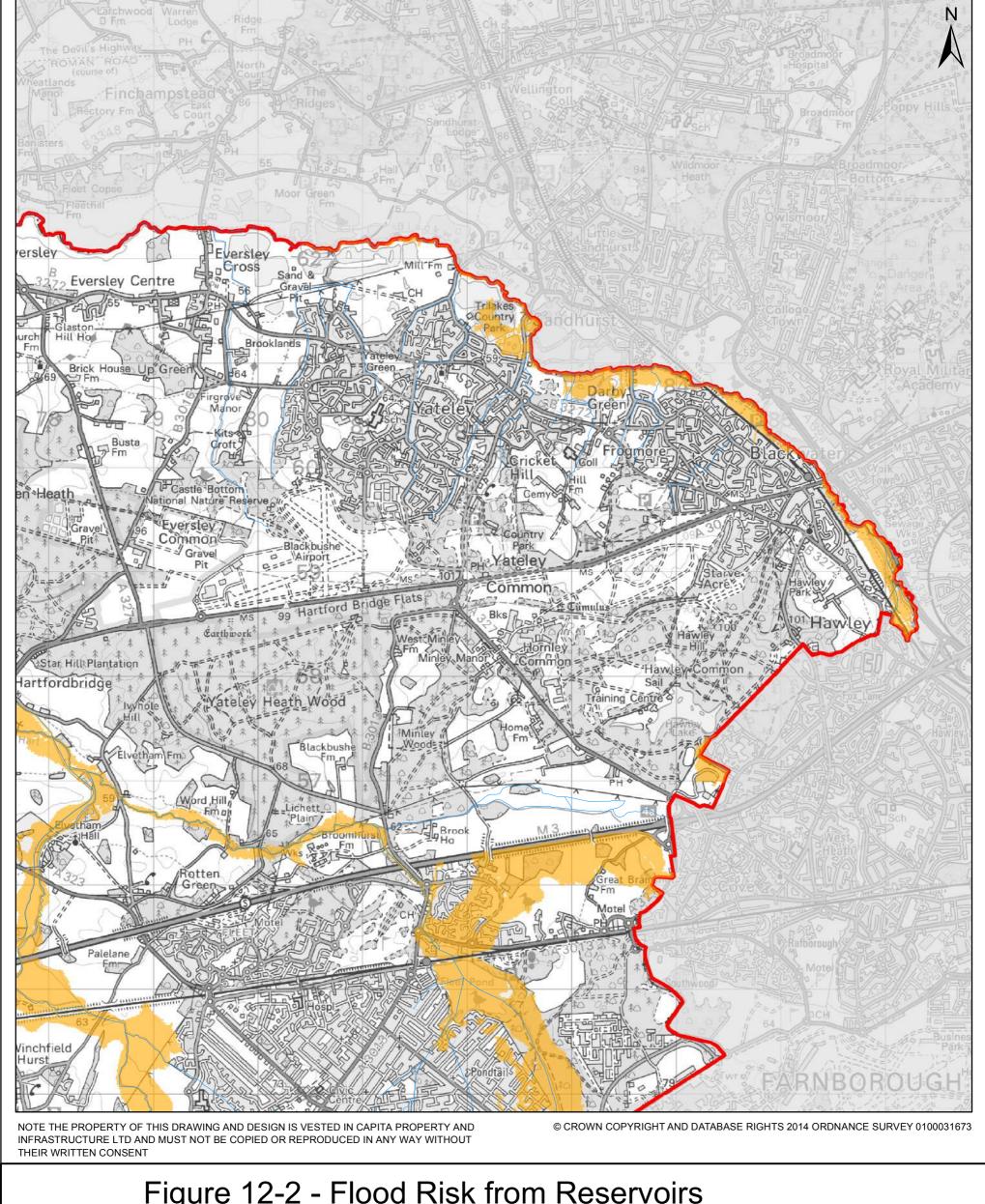




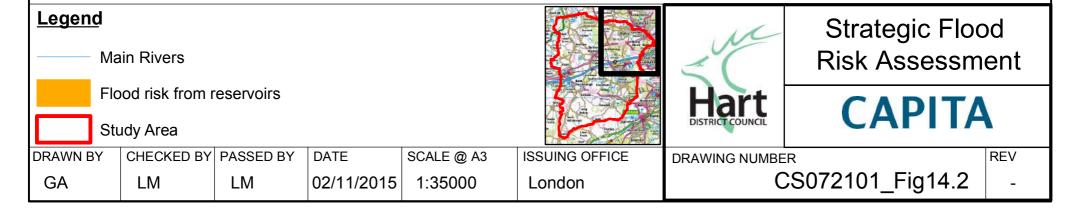
### Figure 11-4 - Canal Embankments and Flood Defences







## Figure 12-2 - Flood Risk from Reservoirs



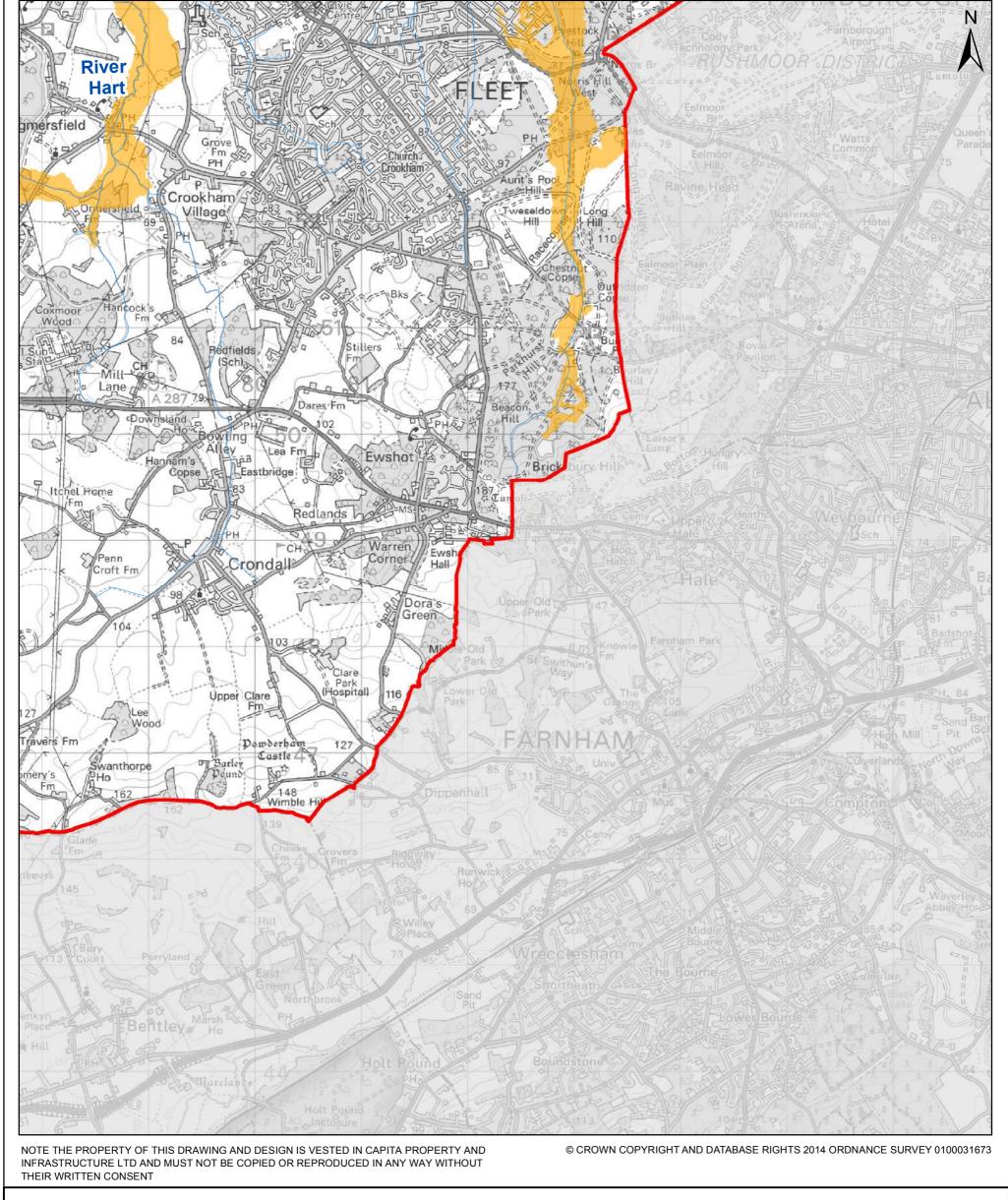


Figure 12-3 - Flood Risk from Reservoirs

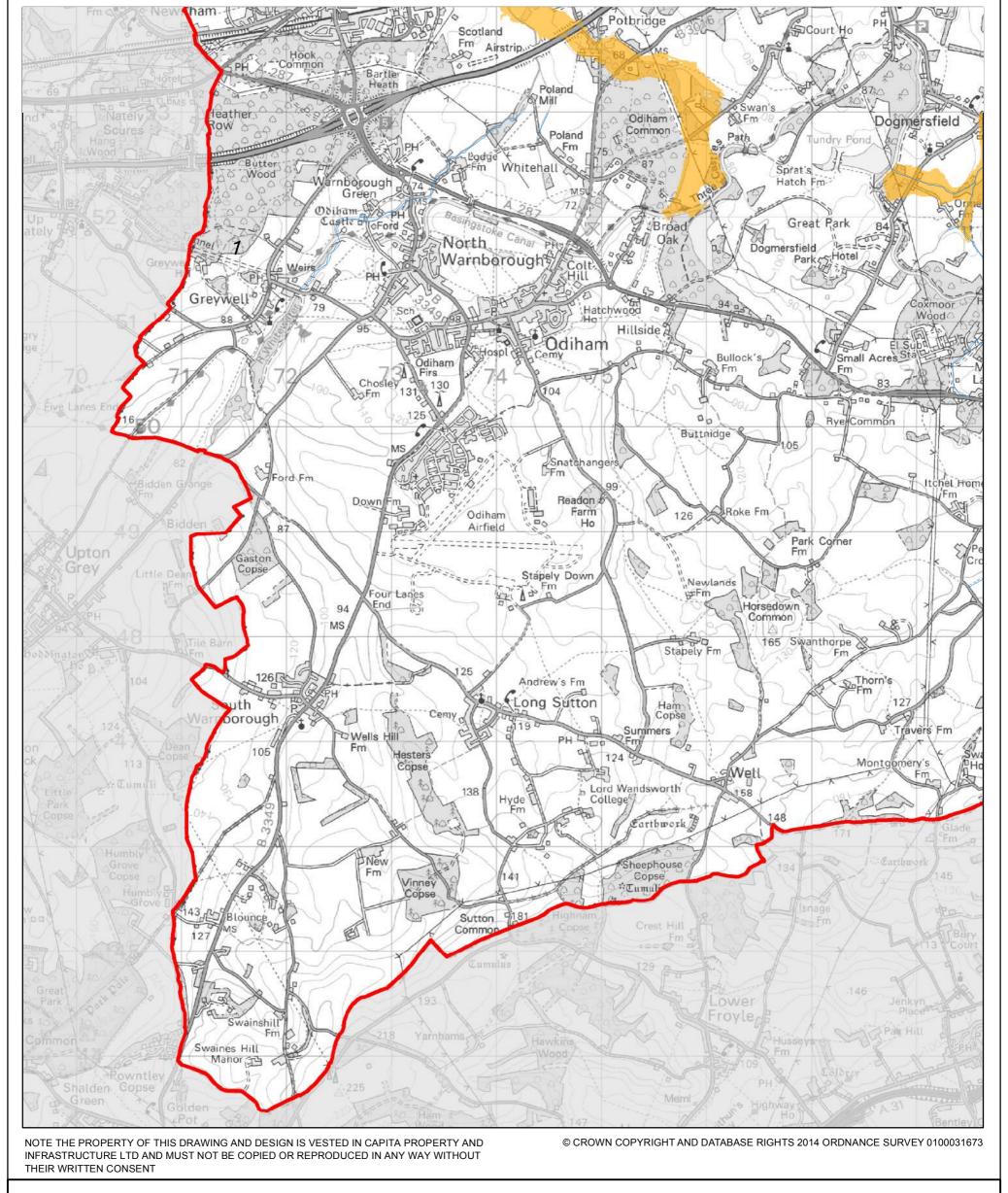
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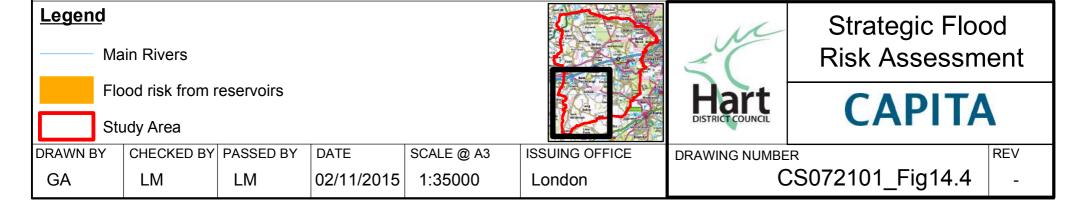
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### Figure 12-4 - Flood Risk from Reservoirs



#### **CAPITA**

Capita Property and Infrastructure Ltd 65 Gresham Street London EC2V 7NQ