

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. This map provides a strategic overview of surface water flood risk and may be subject to further analysis in the future.

- Critical Drainage Area
- Potential Surface Water Flooding Hotspot
- Open Space
- Critical Infrastructure
- Main River

- Flood Hazard**
- <0.75 Caution (Very low hazard)
 - 0.75 - 1.25 Moderate (Danger for some)
 - 1.25 - 2.0 Significant (Danger for Most)
 - >2.0 Extreme (Danger for all)

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SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status: **FINAL**

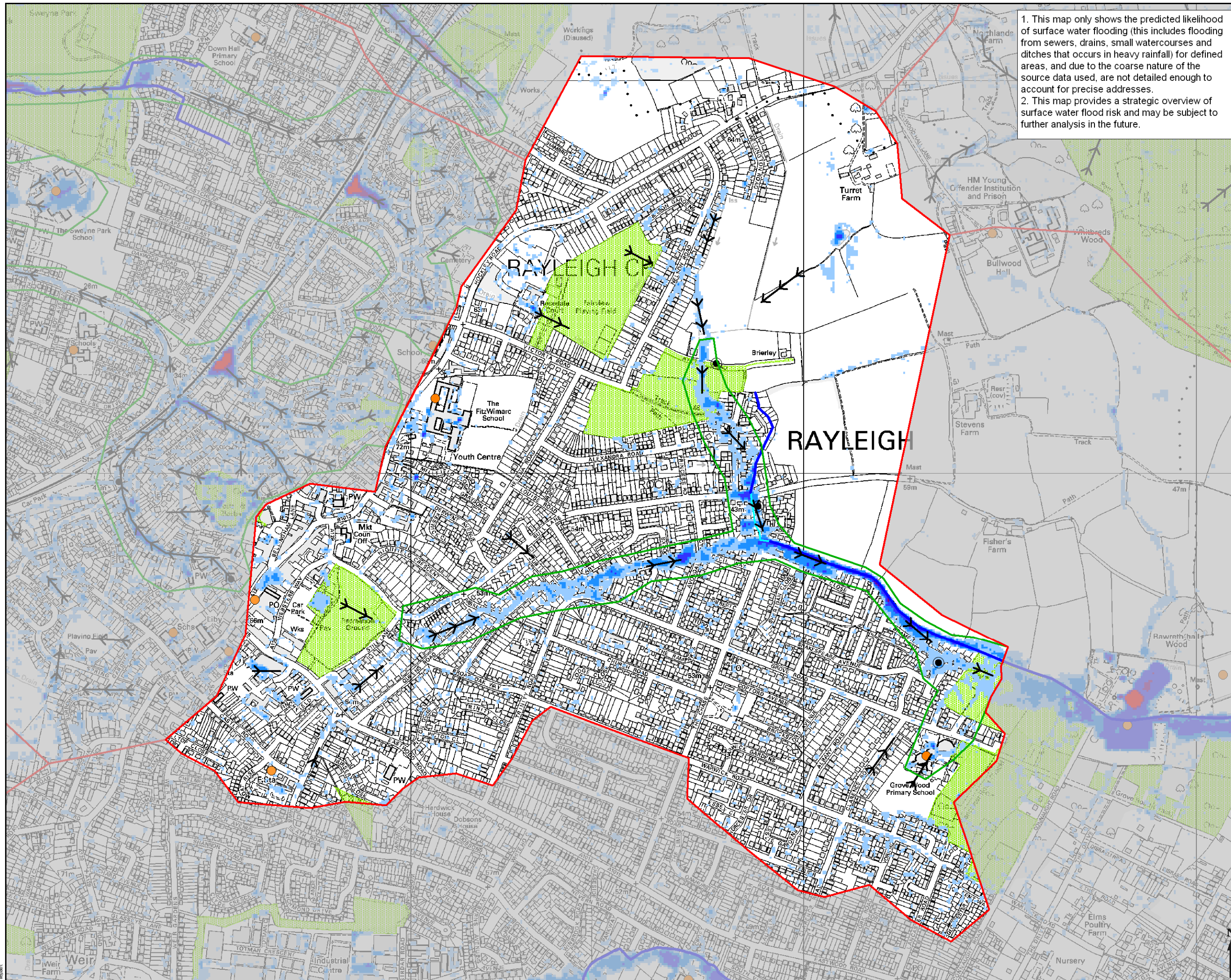
Drawing Title: **ROC 5 - Hockley Woods**
 Surface Water Flood Hazard
 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)

Scale at A3: 1:9,000

Drawn	DS	Approved	CP
Stage 1 Check	Stage 2 Check	Original	Date
		BA	Aug 2011

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- Critical Drainage Area
- Potential Surface Water Flooding Hotspot
- Critical Infrastructure
- DG5 Record
- Open Space
- Flow Path
- Main River
- Ordinary Watercourse

Flood Depth

	< 0.10m
	0.10m - 0.25m
	0.25m - 0.50m
	0.50m - 1.00m
	1.00m - 1.50m
	>1.50m

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SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status: **FINAL**

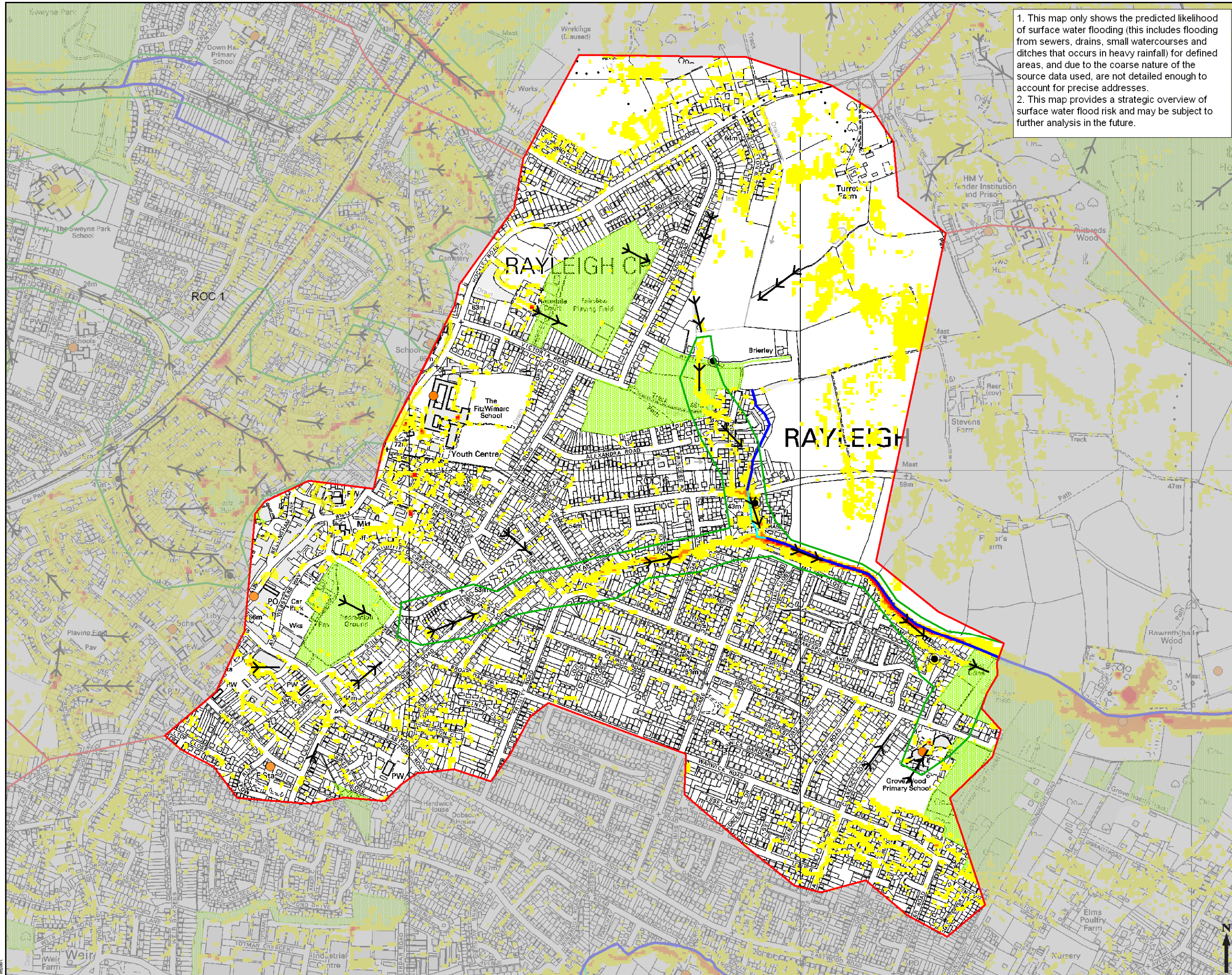
Drawing Title:
**ROC 6 - Rayleigh East
 Surface Water Flood Depth (m)
 1 in 100 Chance of a rainfall
 event occurring in a given year
 (1% AEP)**

Scale at A3: 1:9,000			
Drawn: DS	Approved: CP		
Stage 1 Check:	Stage 2 Check:	Original: BA	Date: Jul 2011

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- Critical Drainage Area
 - Potential Surface Water Flooding Hotspot
 - Critical Infrastructure
 - DG5 Record
 - Open Space
 - Flow Path
 - Main River
 - Ordinary Watercourse
- Flood Hazard**
- <0.75 Caution (Very low hazard)
 - 0.75 - 1.25 Moderate (Danger for some)
 - 1.25 - 2.0 Significant (Danger for Most)
 - >2.0 Extreme (Danger for all)

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SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status
 FINAL

Drawing Title
 ROC 6 - Rayleigh East
 Surface Water Flood Hazard
 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)

Scale at A3
 1:9,000

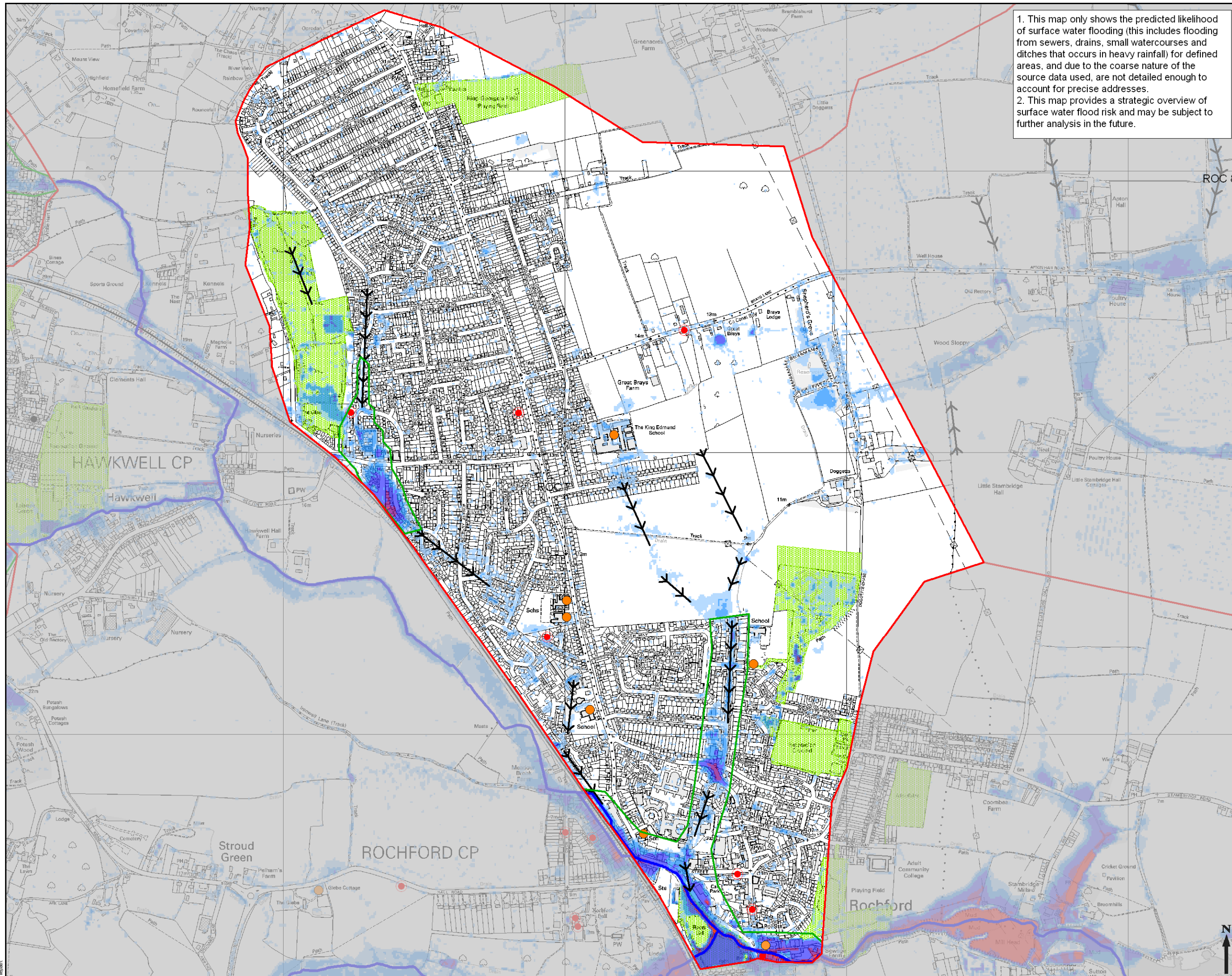
Drawn DS **Approved** CP

Stage 1 Check **Stage 2 Check** **Original** BA **Date** Jul 2011

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- Critical Drainage Area
 - Potential Surface Water Flooding Hotspot
 - Critical Infrastructure
 - DG5 Record
 - Flood Record
 - Flow Path
 - Open Space
 - Main River
- Flood Depth**
- < 0.10m
 - 0.10m - 0.25m
 - 0.25m - 0.50m
 - 0.50m - 1.00m
 - 1.00m - 1.50m
 - > 1.50m

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**SOUTH ESSEX
 SURFACE WATER
 MANAGEMENT PLAN**



Drawing Status: **FINAL**

Drawing Title:
**ROC 7 - Ashington/Rochford
 Surface Water Flood Depth (m)
 1 in 100 Chance of a rainfall
 event occurring in a given year
 (1% AEP)**

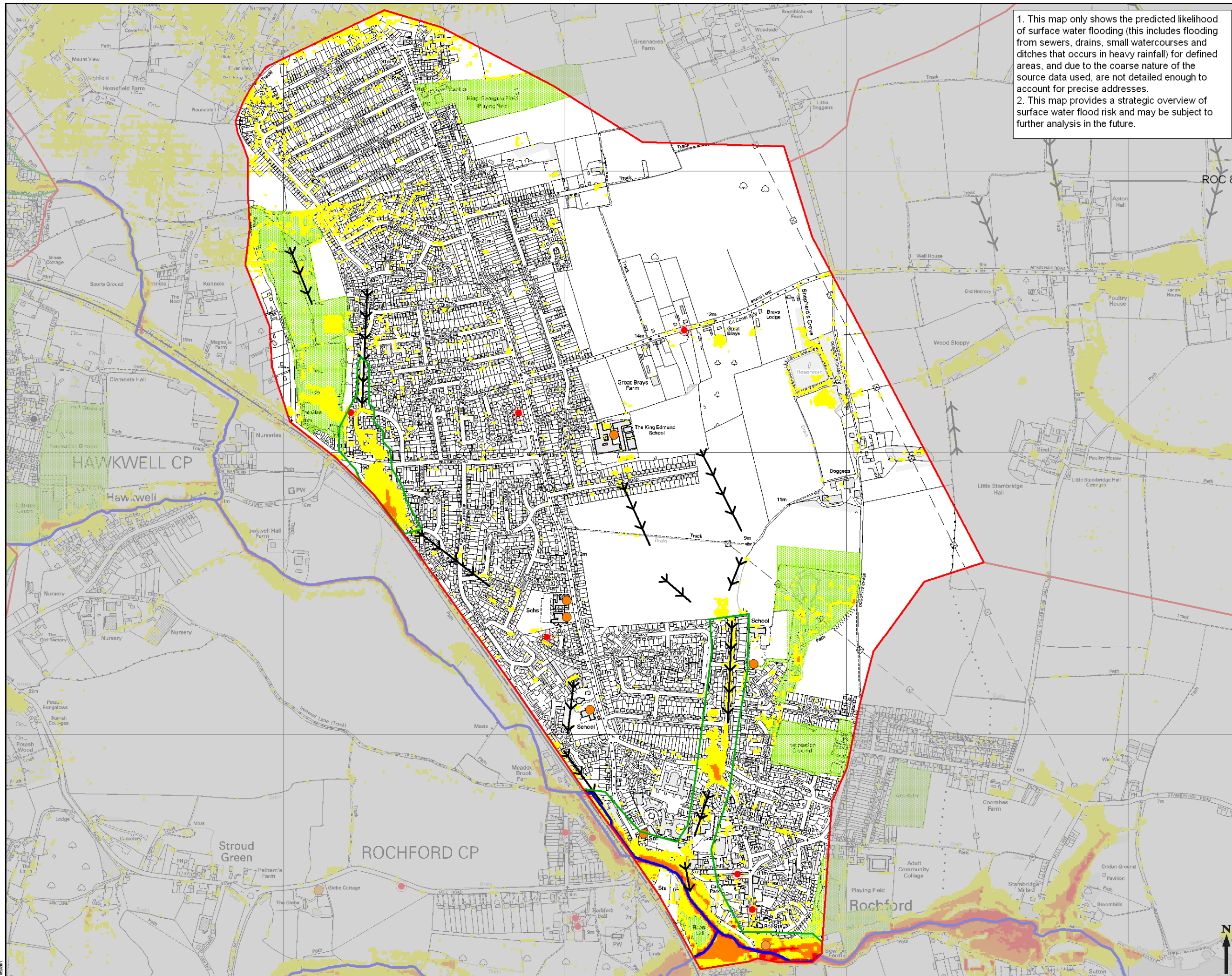
Scale at A3: **1:12,500**

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Drawing Number: **FIGURE D 31**



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. This map provides a strategic overview of surface water flood risk and may be subject to further analysis in the future.

- Critical Drainage Area
 - Potential Surface Water Flooding Hotspot
 - Critical Infrastructure
 - DG5 Record
 - Flood Record
 - Main River
 - Open Space
 - ➔➔➔ Flow Path
- Flood Hazard**
- <math><0.75</math> Caution (Very low hazard)
 - 0.75 - 1.25 Moderate (Danger for some)
 - 1.25 - 2.0 Significant (Danger for Most)
 - >2.0 Extreme (Danger for all)

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**SOUTH ESSEX
 SURFACE WATER
 MANAGEMENT PLAN**



Drawing Status: **FINAL**

Drawing Title:
**ROC 7 - Ashington/Rochford
 Surface Water Flood Hazard
 1 in 100 Chance of a rainfall
 event occurring in a given year
 (1% AEP)**

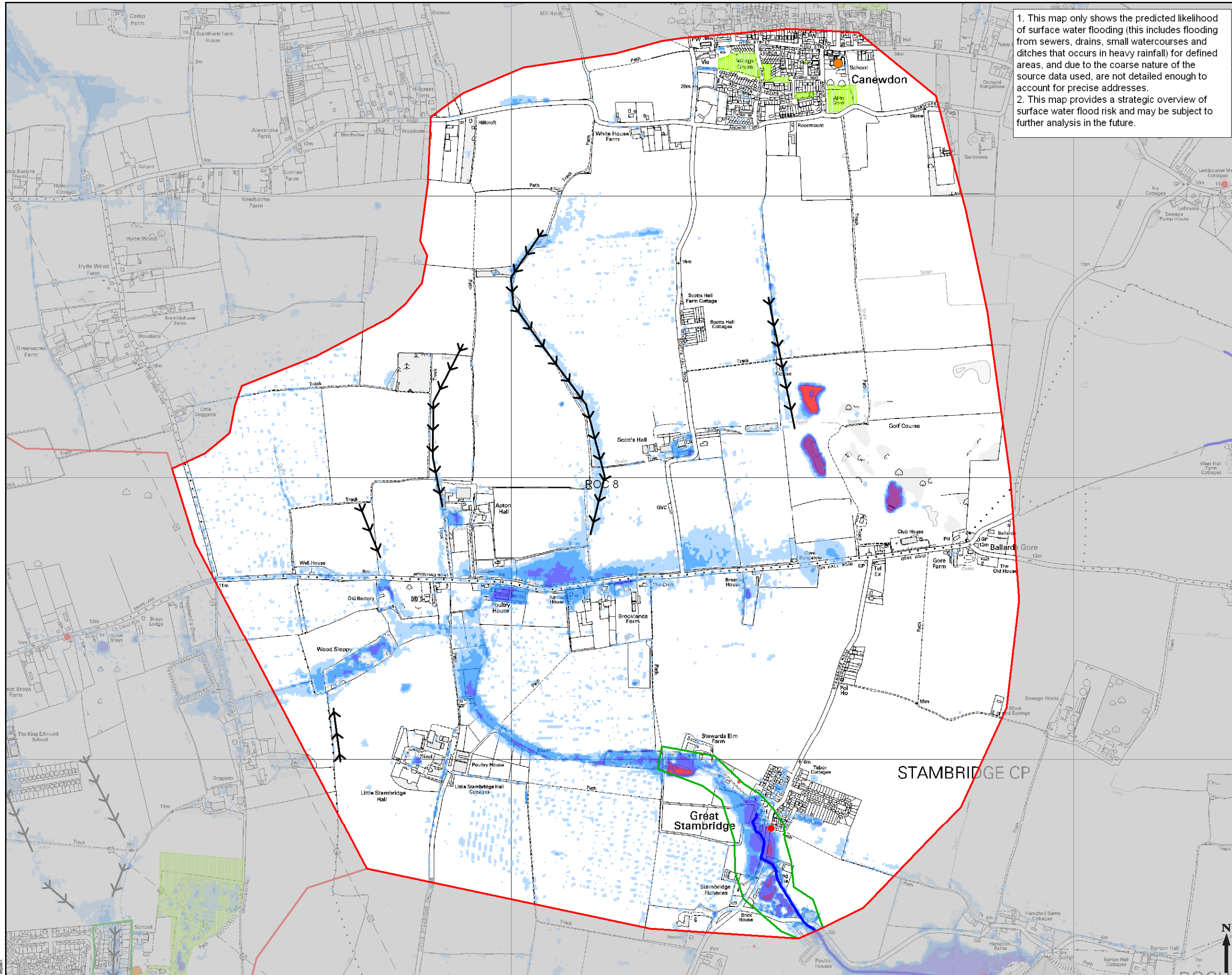
Scale at A3: **1:12,500**
 Drawn: **DS** Approved: **CP**
 Stage 1 Check: **BA** Stage 2 Check: **BA** Date: **Jul 2011**

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Drawing Number: **FIGURE D 32**



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. This map provides a strategic overview of surface water flood risk and may be subject to further analysis in the future.

- Critical Drainage Area
- Potential Surface Water Flooding Hotspot
- Critical Infrastructure
- Flood Record
- Open Spaces
- Main River
- Flow Path

- Flood Depth**
- < 0.10m
 - 0.10m - 0.25m
 - 0.25m - 0.50m
 - 0.50m - 1.00m
 - 1.00m - 1.50m
 - >1.50m

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**SOUTH ESSEX
 SURFACE WATER
 MANAGEMENT PLAN**



Drawing Status: **FINAL**

Drawing Title:
**ROC 8 - Great Stambridge
 Surface Water Flood Depth (m)
 1 in 100 Chance of a rainfall
 event occurring in a given year
 (1% AEP)**

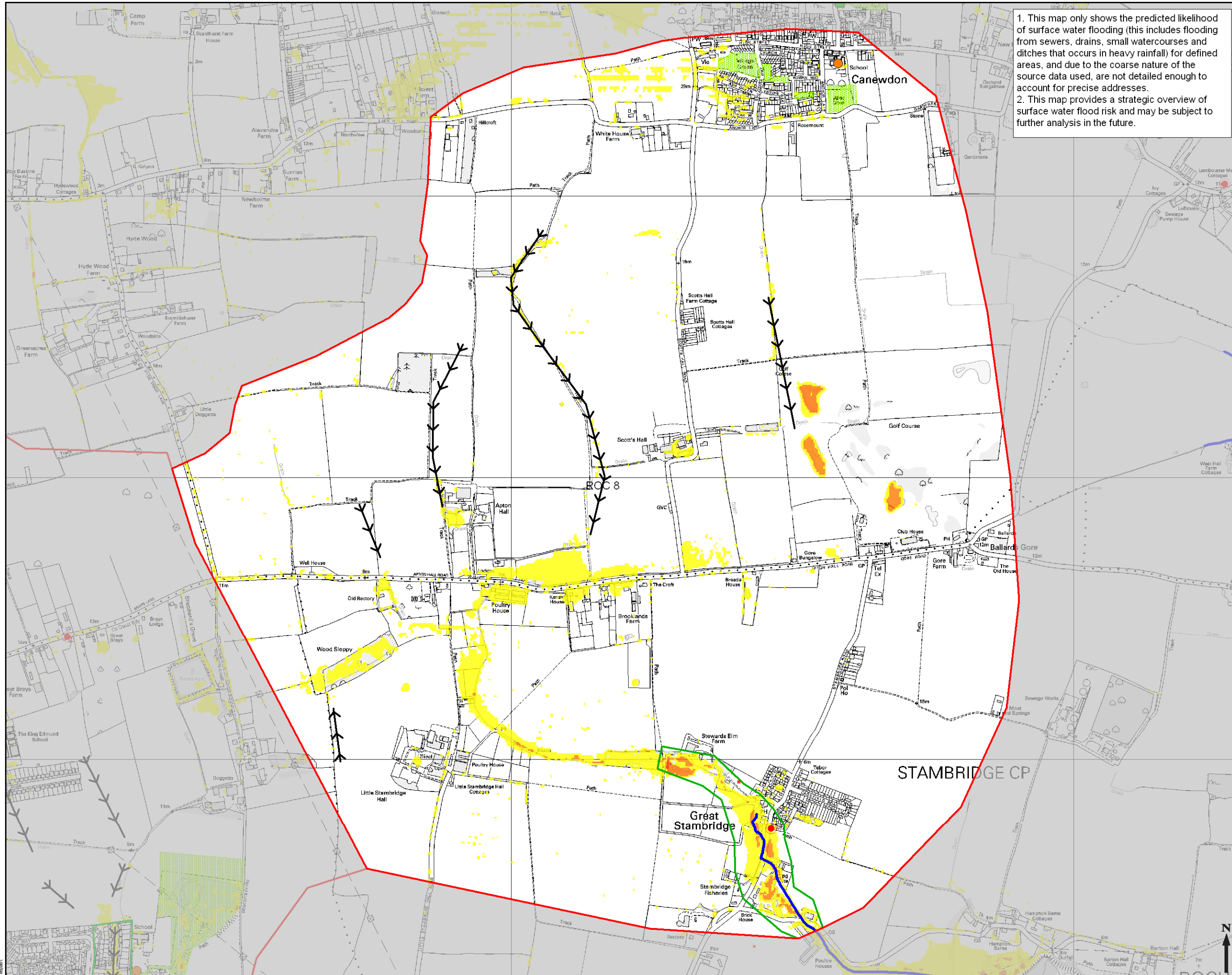
Scale at A3: **1:12,500**
 Drawn: **DS** Approved: **CP**
 Stage 1 Check: Stage 2 Check: Original: **BA** Date: **Jul 2011**

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Drawing Number: **FIGURE D 33**



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.
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- Potential Surface Water Flooding Hotspot
- Critical Infrastructure
- Flood Record
- Open Space
- Main River
- Flow Path

- Flood Hazard**
- <0.75 Caution (Very low hazard)
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SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status: **FINAL**

Drawing Title: **ROC 8 - Great Stambridge Surface Water Flood Hazard 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)**

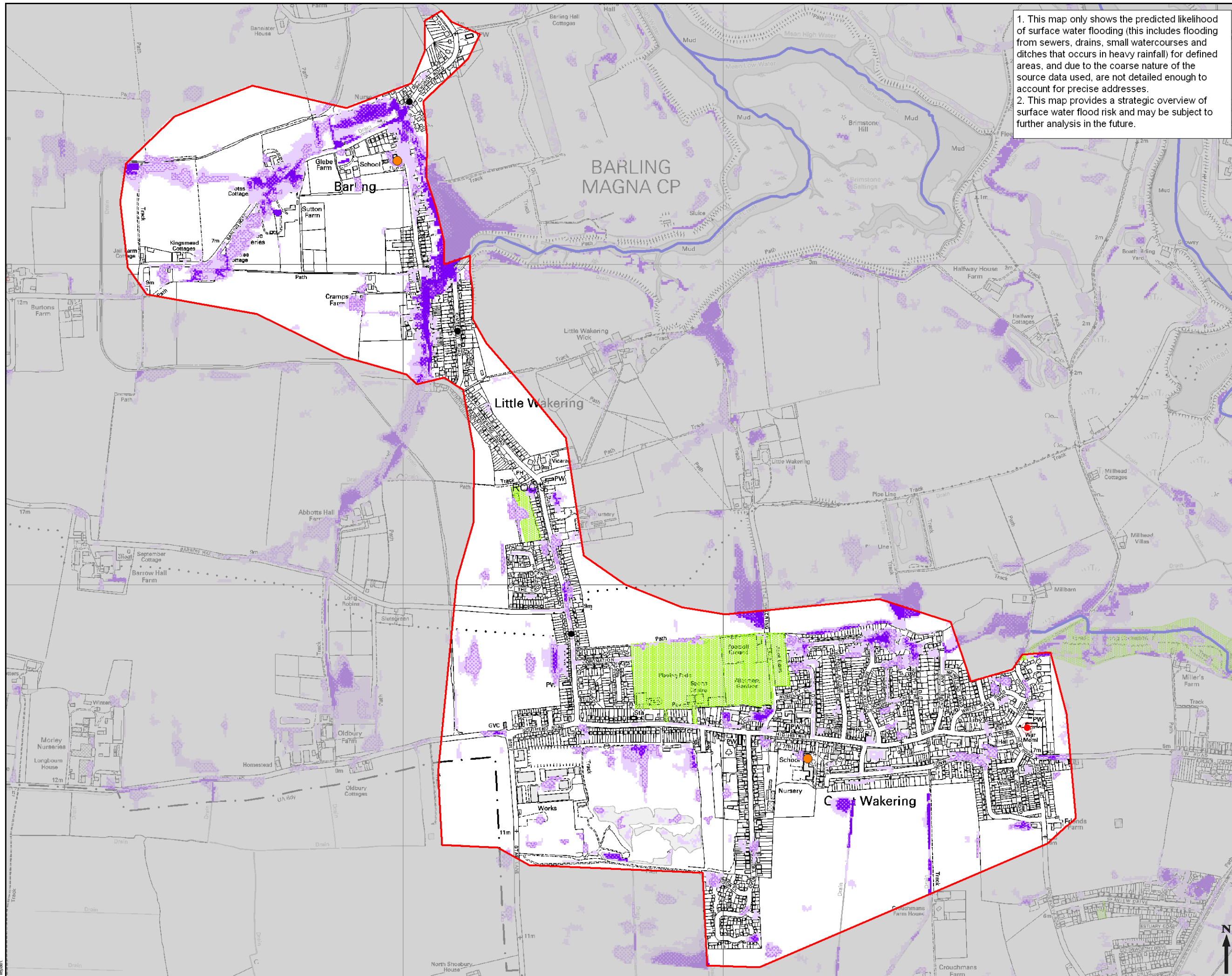
Scale at A3: **1:12,500**
 Drawn: **DS** Approved: **CP**
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Drawing Number: **FIGURE D 34**



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- Critical Drainage Area
- Critical Infrastructure
- Flood Record
- DG5 Record
- Open Space
- Main River

- Flood Map for Surface Water**
- 200 Year > 0.1m deep
 - 200 Year > 0.3m deep
 - 30 Year > 0.1m deep
 - 30 Year > 0.3m deep

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Job Title
SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status
FINAL

Drawing Title
ROC 9 - Little/Great Wakering Environment Agency Flood Map for Surface Water

Scale at A3
1:15,000

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Drawing Number
FIGURE D 35