

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.

- Council Extent
- Critical Drainage Area
- Main River
- Critical Ordinary Watercourses

- 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**

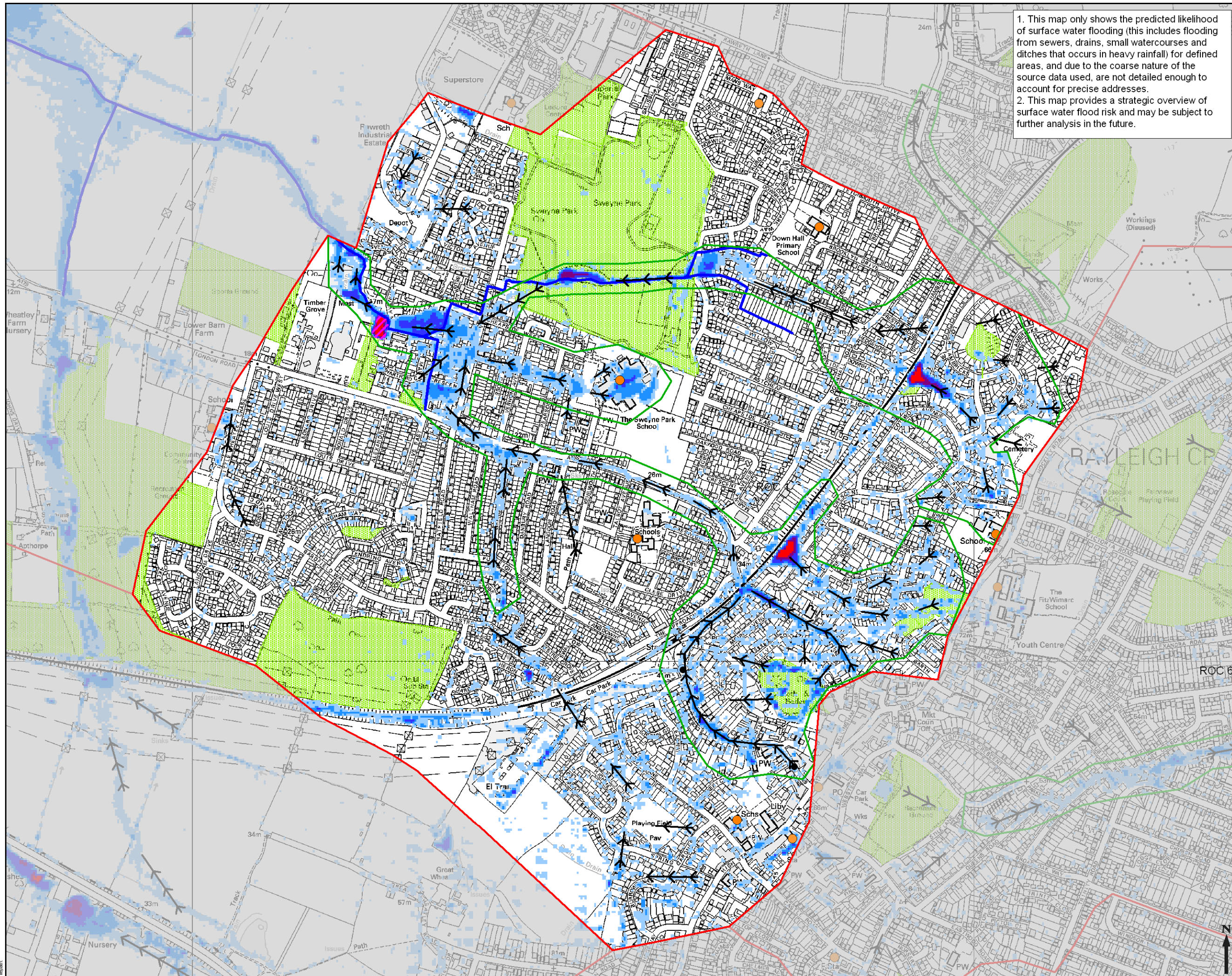
Drawing Title: **ROCHFORD Surface Water Flood Hazard 1 in 200 Chance of a rainfall event occurring in a given year (0.5% AEP)**

Scale at A3: **1:85,000**
 Drawn: **DS** Approved: **CP**
 Stage 1 Check: **BA** Date: **Aug 2011**

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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
- Main River
- Washland
- Open Space
- Flow Path

Flood Depth

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

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SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



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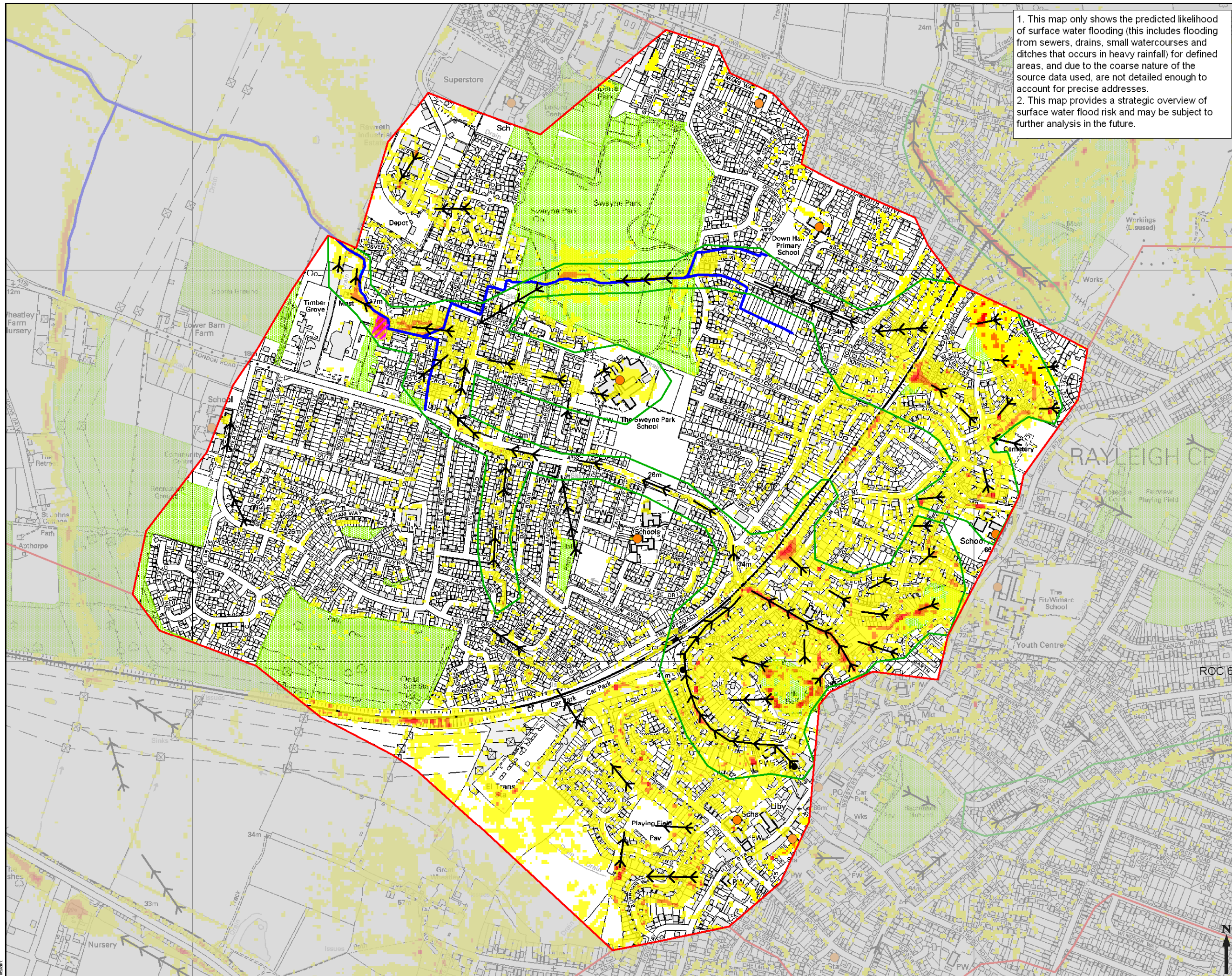
Drawing Title: **ROC 1 - Rayleigh West Surface Water Flood Depth (m) 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)**

Scale at A3: **1:9,000**

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

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 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 Register
 - Open Space
 - Washland
 - Flow Paths
 - 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



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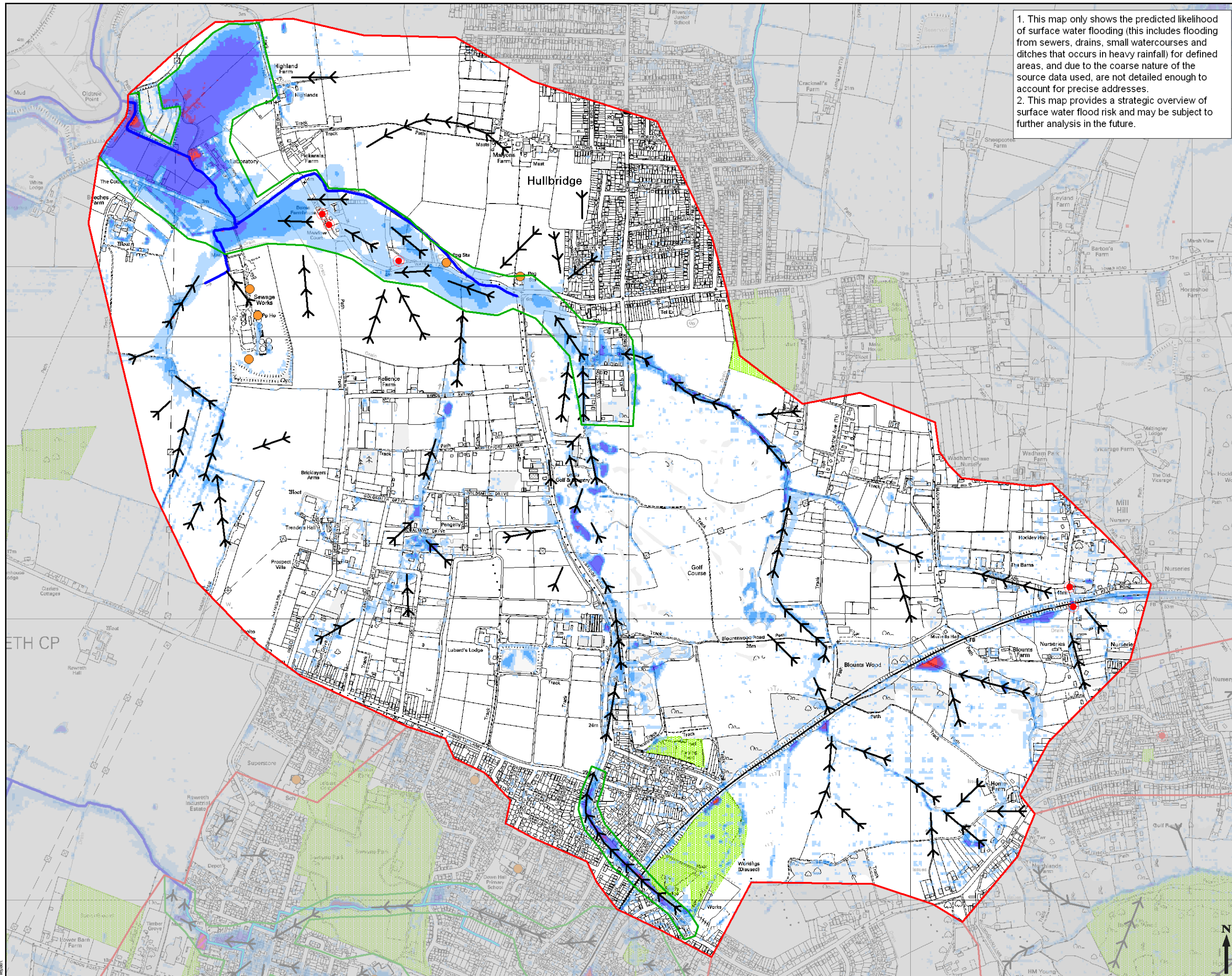
Drawing Title: **ROC 1 - Rayleigh West Surface Water Flood Hazard 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)**

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

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Drawing Number: **FIGURE D 20**



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.

Legend

- Critical Drainage Area
- Potential Surface Water Flooding Hotspot
- Historic Flood Record
- Critical Infrastructure
- DG5 Record
- Main River
- Open Space
- ➔ 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**

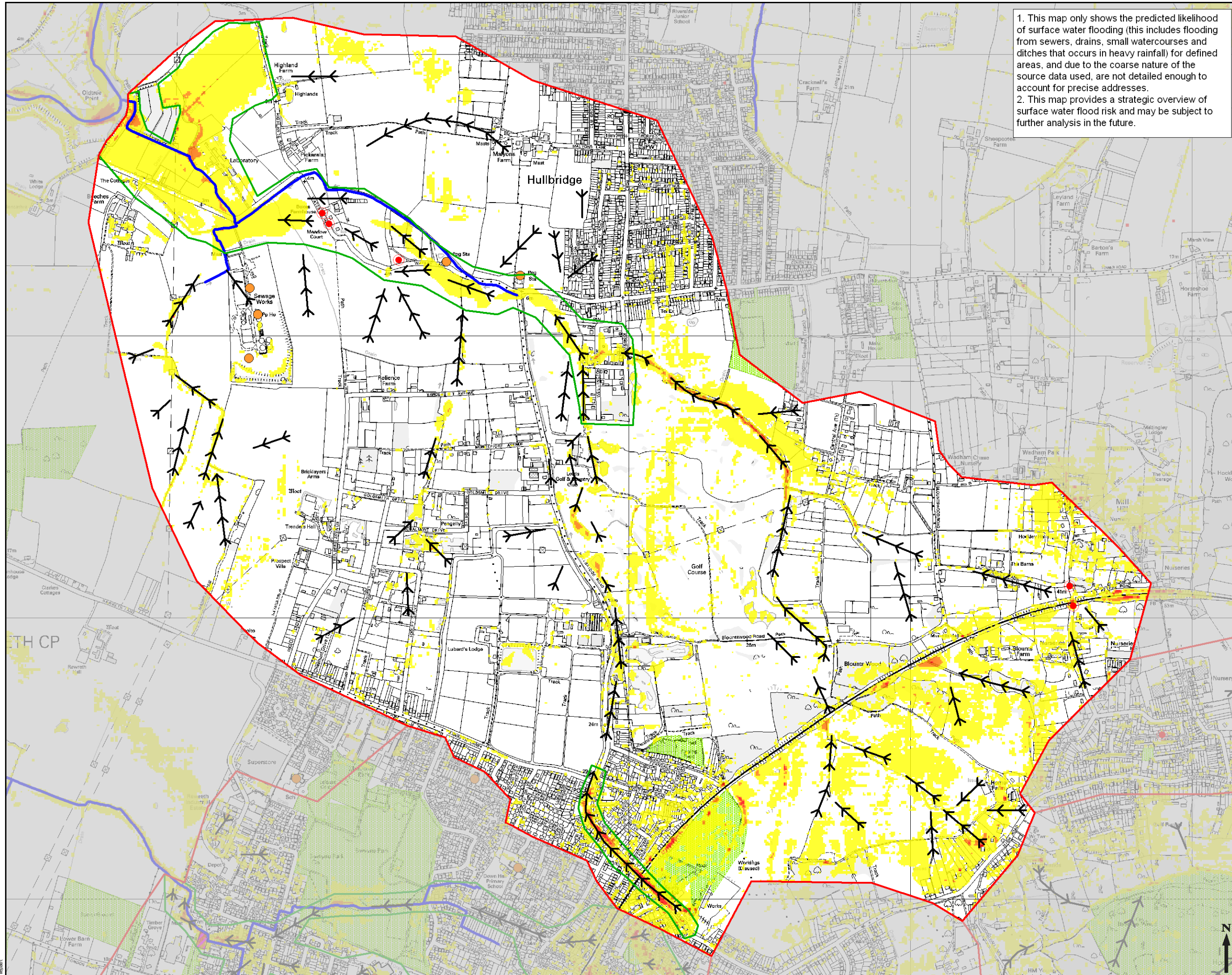
Drawing Title:
**ROC 2 - Watery Lane
 Surface Water Flood Depth (m)
 1 in 100 Chance of a rainfall
 event occurring in a given year
 (1% AEP)**

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

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

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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
 - Historic Flood Record
 - Critical Infrastructure
 - DG5 Record
 - Main River
 - Open Space
 - Flow Path
- 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 2 - Watery Lane
 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**

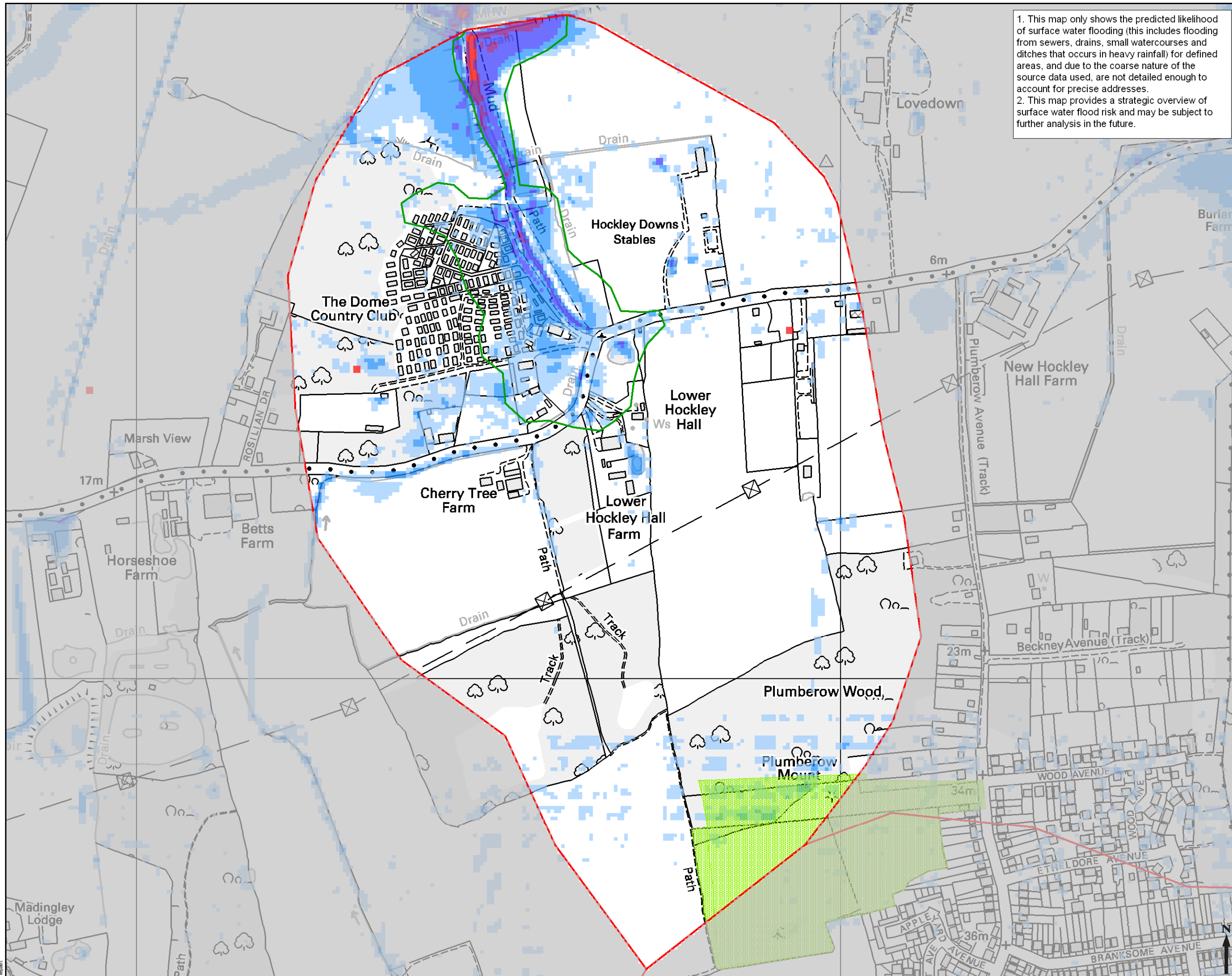
Drawn	DS	Approved	CP
Stage 1 Check	Stage 2 Check	Original	Date
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Drawing Number: **FIGURE D 22**



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 Areas

Open Space

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 3 - Lower Hockley / Dorn Country Club
 Surface Water Flood Depth (m)
 1 in 100 Chance of a rainfall event occurring in a given year (1% AEP)

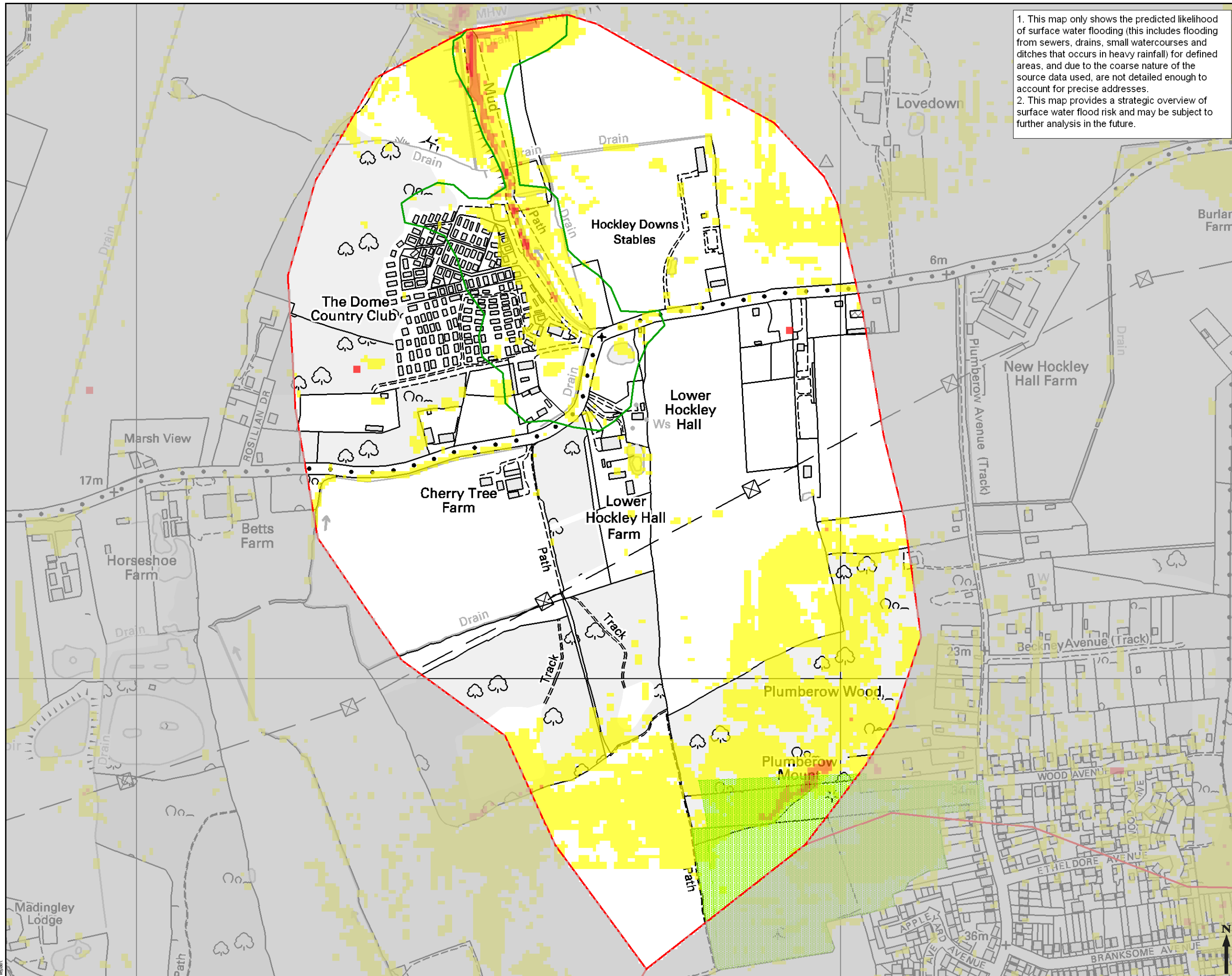
Scale at A3
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Drawn	DS	Approved	CP
Stage 1 Check		Original	BA
		Date	Aug 2011

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

- Critical Drainage Areas
- Open Space
- 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 3 - Lower Hockley / Dorn Country Club
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

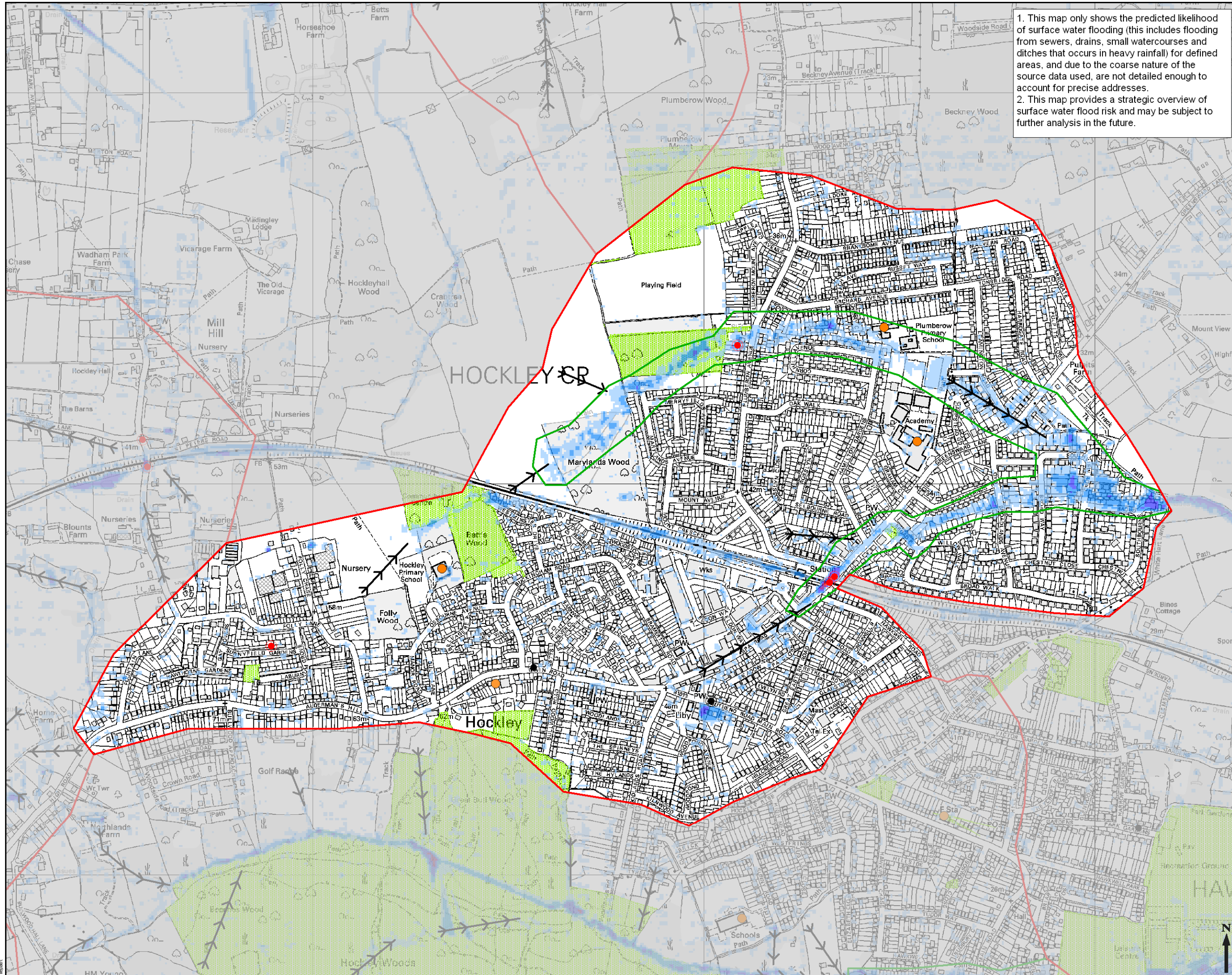
Drawn	DS	Approved	CP
Stage 1 Check		Original	BA
Stage 2 Check		Date	Aug 2011

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Drawing Number: **FIGURE D 24**



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
 - Historic Flood Record
 - Critical Infrastructure
 - DG5 Record
 - Main River
 - Open Spaces
 - 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



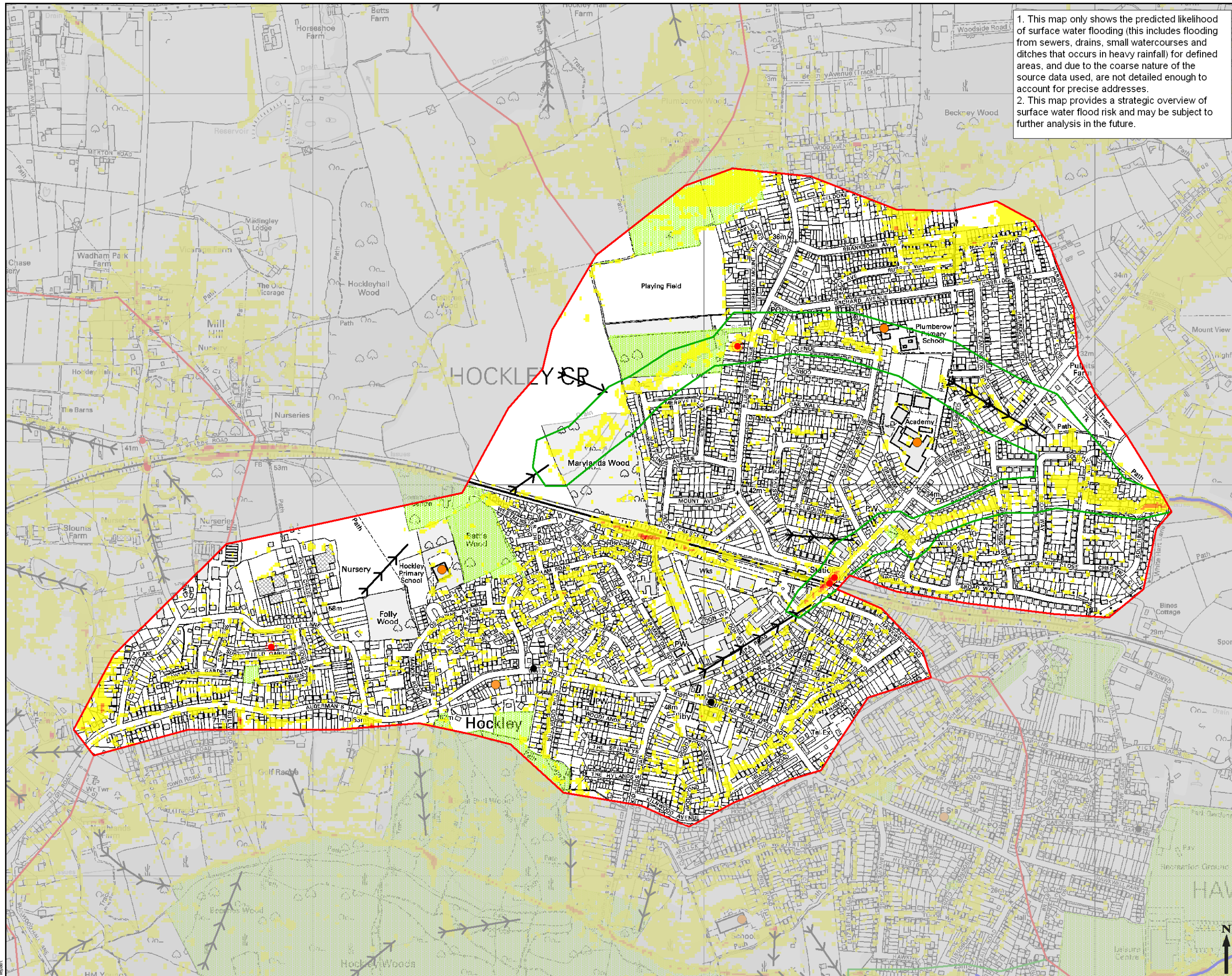
Drawing Status: **FINAL**

Drawing Title:
ROC 4 - Hockley
 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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 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
 - Historic Flood Record
 - Critical Infrastructure
 - DG5 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 4 - Hockley
 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**

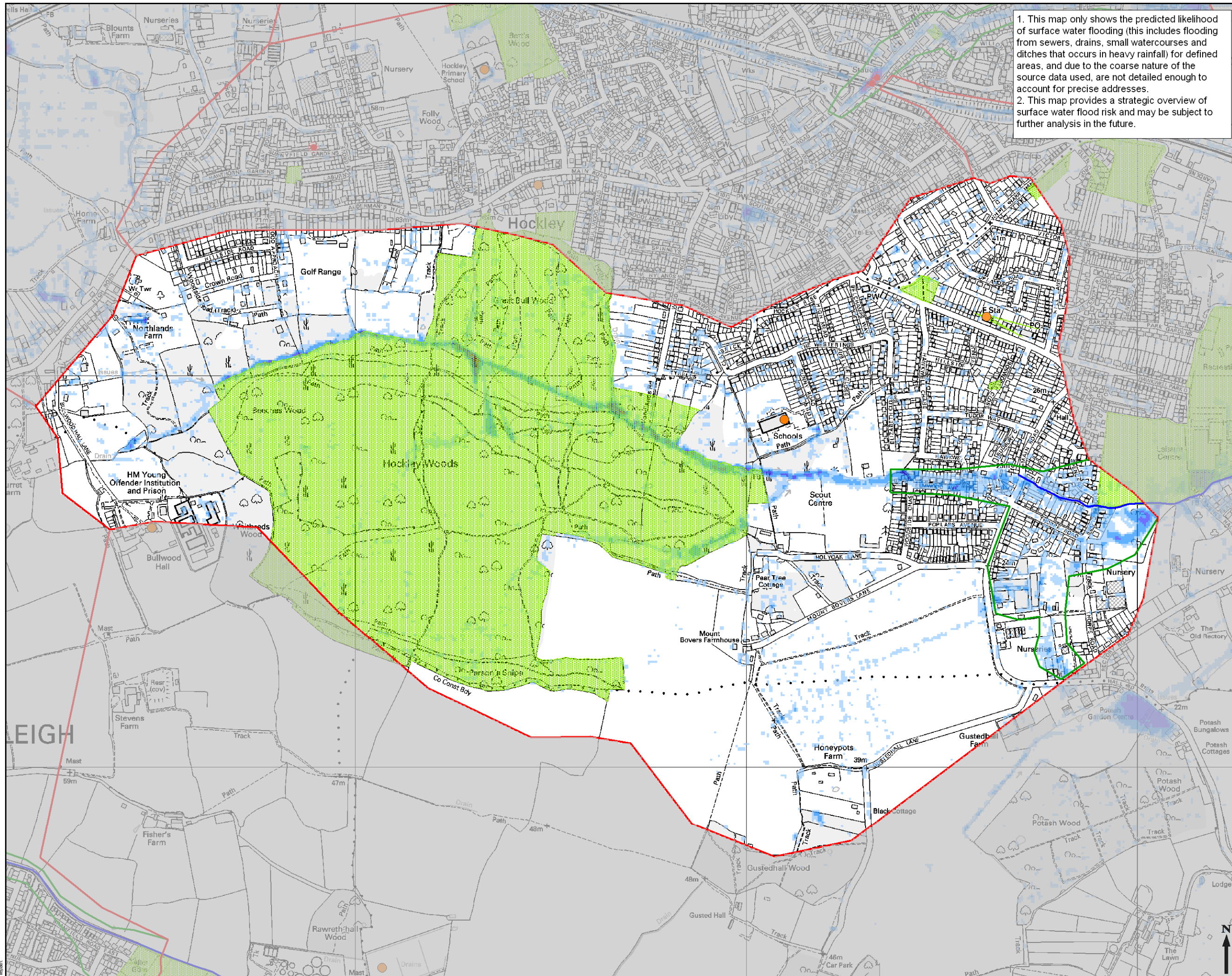
Drawn	DS	Approved	CP
Stage 1 Check	Stage 2 Check	Original	Date
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Drawing Number: **FIGURE D 26**



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 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 5 - Hockley Woods 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: Aug 2011

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Drawing Number: **FIGURE D 27**