


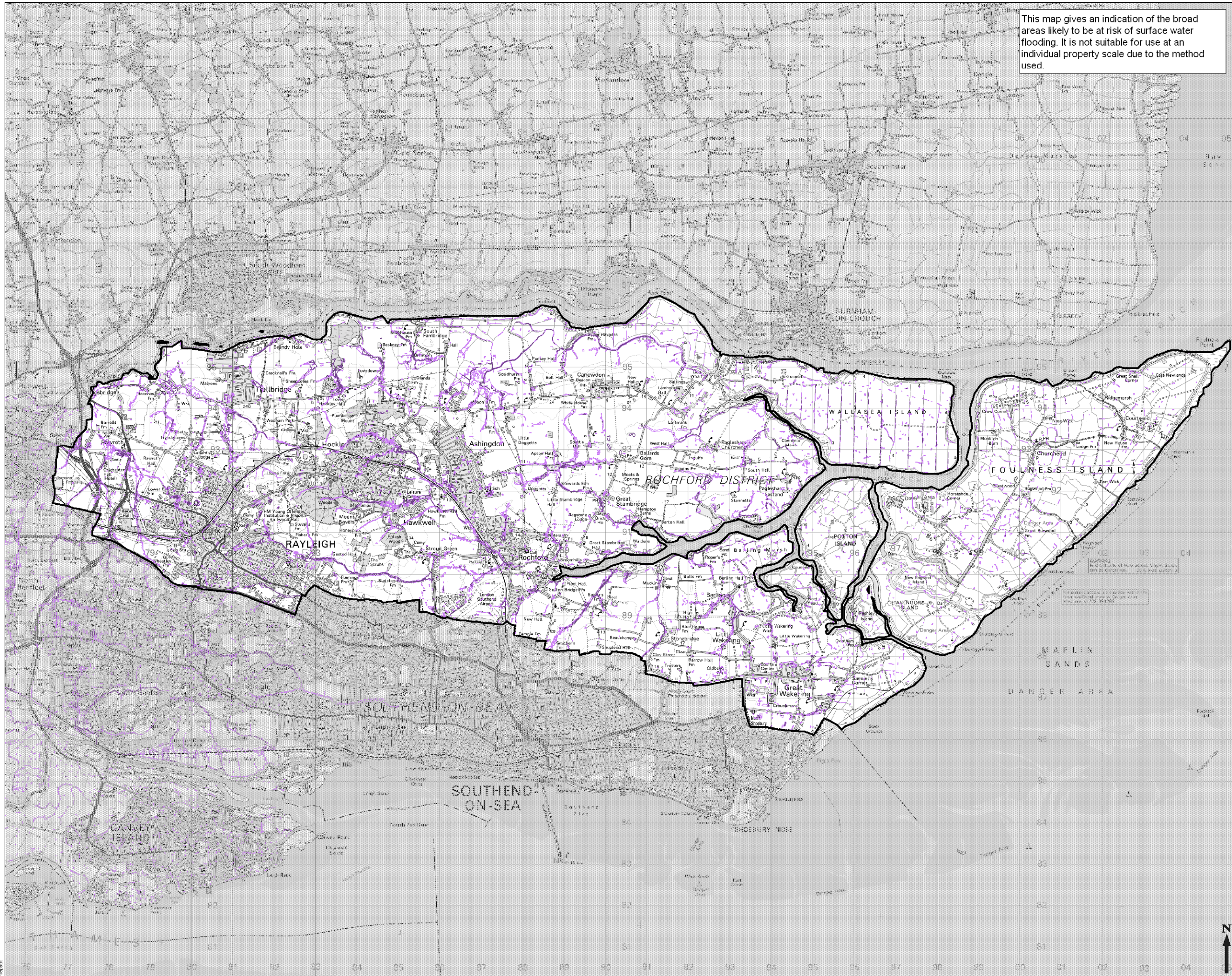


This map gives an indication of the broad areas likely to be at risk of surface water flooding. It is not suitable for use at an individual property scale due to the method used.

-  Rochford District Boundary
-  30 Year >0.1m deep
-  30 Year >0.3m deep



COPYRIGHT
 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or legal proceedings.
 All rights reserved Licence number DROC 100.

Job Title
**SOUTH ESSEX
 SURFACE WATER
 MANAGEMENT PLAN**



Drawing Status
FINAL

Drawing Title
**ROCHFORD
 Environment Agency
 1 in 30 Year
 Flood Map for Surface Water**

Scale at A3
1:85,000

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

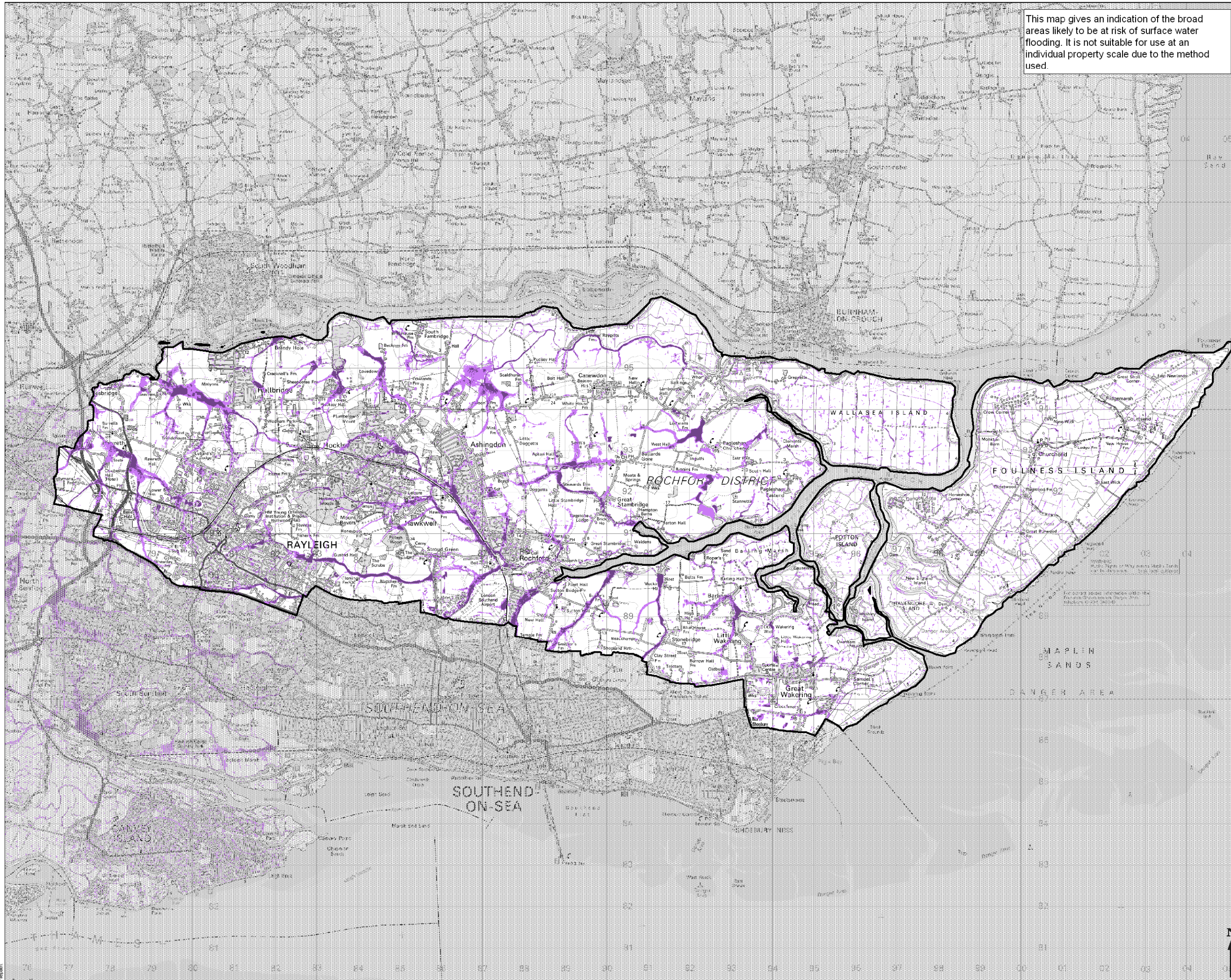
THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF SCOTT WILSON'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. SCOTT WILSON ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
 © SCOTT WILSON LTD 2011

Scott Wilson Ltd
 Scott House
 Alençon Link, Basingstoke
 Hampshire, RG21 7TP
 Telephone (01256) 310200
 Fax (01256) 310201
 www.urs-scottwilson.com






Drawing Number
FIGURE D 1

Drawn: Research



This map gives an indication of the broad areas likely to be at risk of surface water flooding. It is not suitable for use at an individual property scale due to the method used.

-  Rochford District Boundary
-  200 Year >0.1m deep
-  200 Year >0.3m deep

COPYRIGHT
 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or legal proceedings.
 All rights reserved Licence number DROC 100.

SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status: **FINAL**

ROCHFORD Environment Agency 1 in 200 Year Flood Map for Surface Water

Scale at A3: **1:85,000**
 Drawn: **GH** Approved: **CP**
 Stage 1 Check: **BA** Stage 2 Check: **BA** Original: **BA** Date: **Jul 2011**

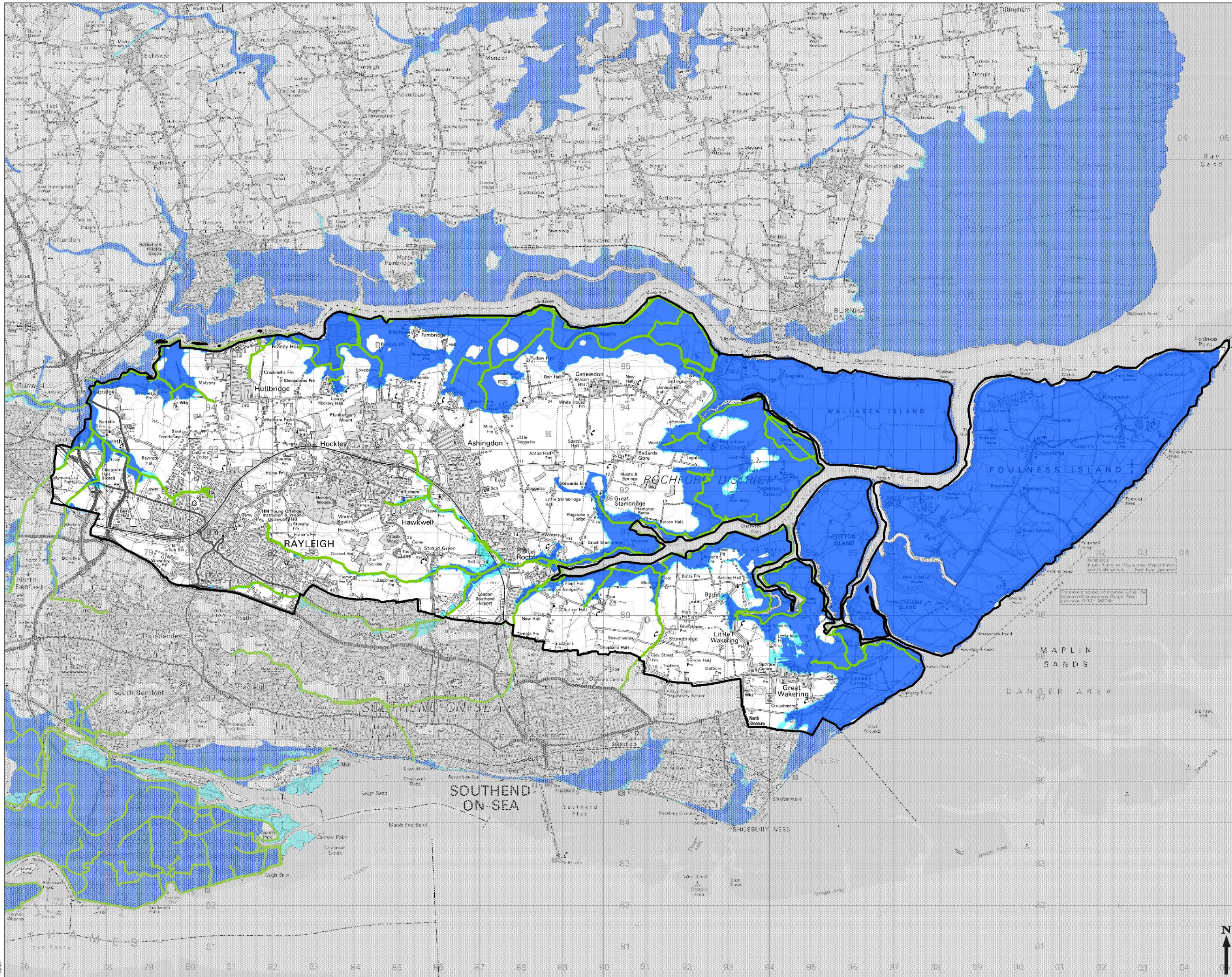
THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF SCOTT WILSON'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. SCOTT WILSON ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
 © SCOTT WILSON LTD 2011

Scott Wilson Ltd
 Scott House
 Alençon Link, Basingstoke
 Hants RG21 7TP
 Telephone (01256) 310200
 Fax (01256) 310201
 www.urs-scottwilson.com



Drawing Number: **FIGURE D 2** Rev: _____

Drawn: _____



- Rochford District Boundary
- NFCDD Flood Defences
- Flood Zone 3
- Flood Zone 2

COPYRIGHT
 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office.
 © Crown copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or legal proceedings.
 All rights reserved Licence number DROC 100.

Job Title
**SOUTH ESSEX
 SURFACE WATER
 MANAGEMENT PLAN**



Drawing Status
FINAL

Drawing Title
**ROCHFORD
 Environment Agency
 Flood Map**

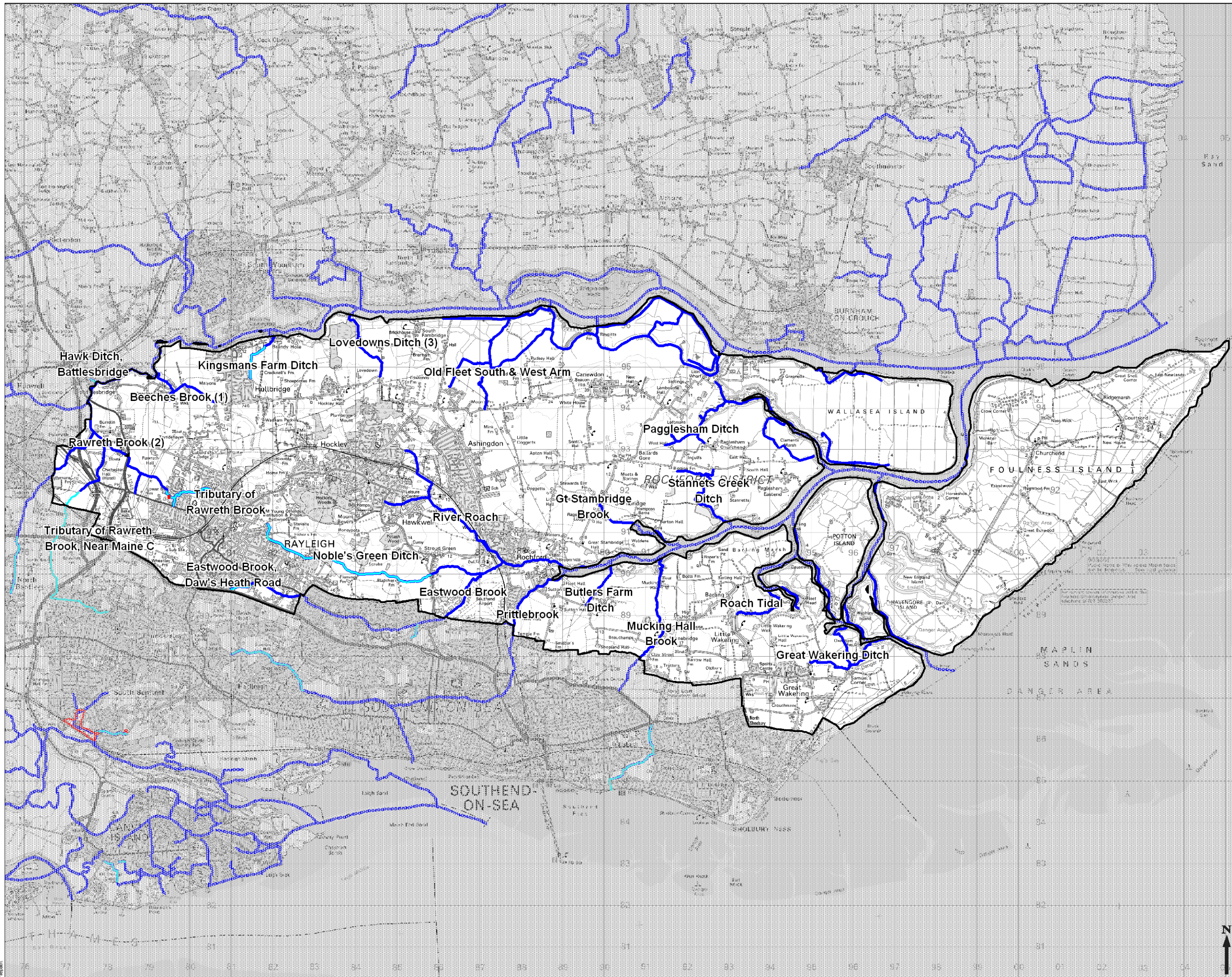
Scale at A3
1:50,000





Drawn GH	Approved CP	Originated BA	Date Jul 2011
-------------	----------------	------------------	------------------

THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF SCOTT WILSON'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. SCOTT WILSON ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
 © SCOTT WILSON LTD 2011

Scott Wilson Ltd
 Scott House
 Akeley Lane, Basingstoke
 Hampshire, RG21 7FP
 Telephone (01256) 310200
 Fax (01256) 310201
 www.urs-scottwilson.com

Drawing Number
FIGURE D 3



-  Rochford District Boundary
-  Main River
-  Ordinary Watercourse
-  Washland Area

COPYRIGHT
 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or legal proceedings.
 All rights reserved Licence number DROC 100.

Job Title
SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



Drawing Status
FINAL

Drawing Title
ROCHFORD Main River, Ordinary Watercourses & Washland Areas

Scale at A3	1:85,000		
Drawn	GH	Approved	CP
Stage 1 Check	Stage 2 Check	Original	Date
		BA	Jul 2011

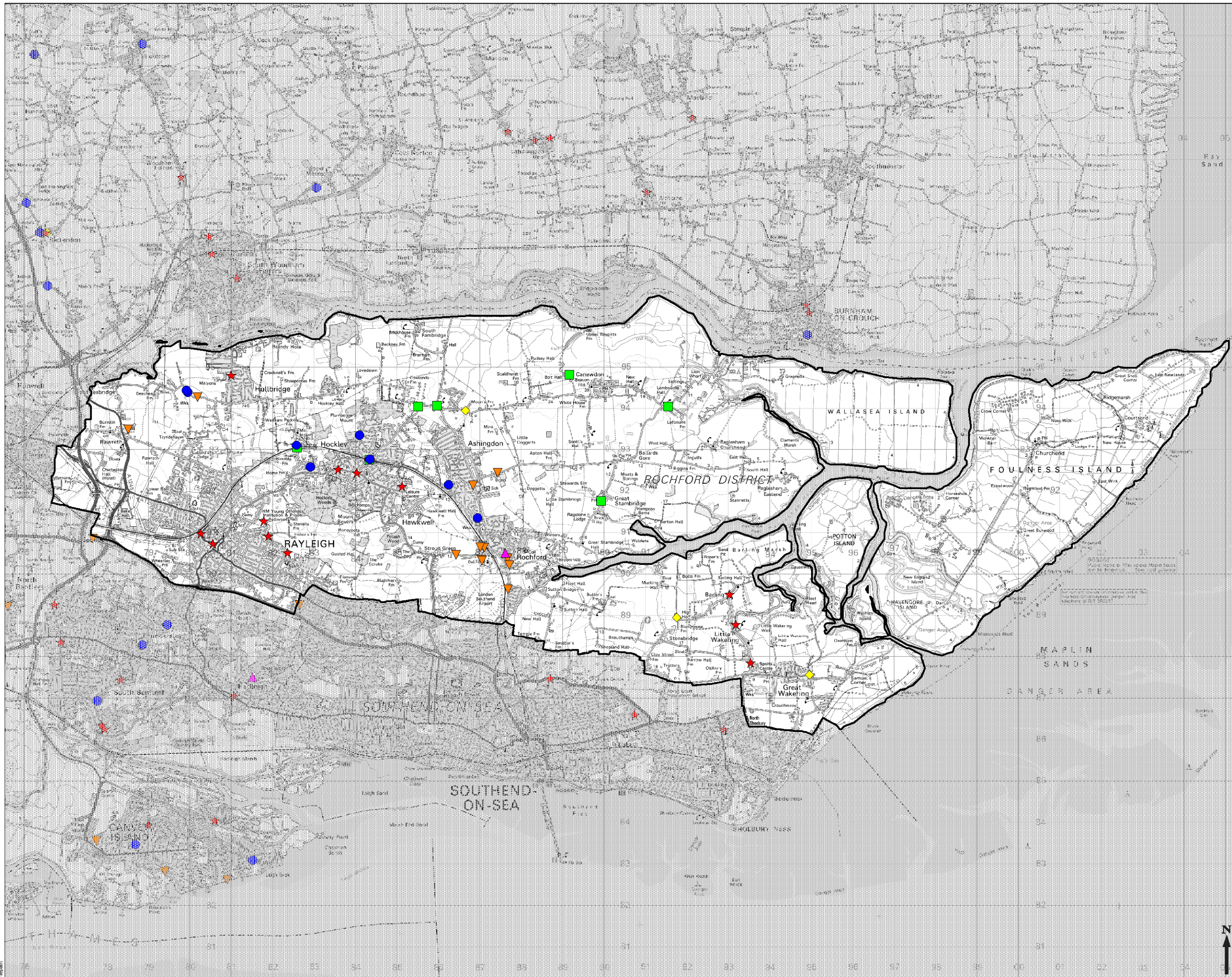
THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF SCOTT WILSON'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. SCOTT WILSON ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
 © SCOTT WILSON LTD 2011

Scott Wilson Ltd
 Scott House
 Alençon Link, Basingstoke
 Hampshire, RG21 7TP
 Telephone: (01256) 310200
 Fax: (01256) 310201
 www.urs-scottwilson.com



Drawing Number
FIGURE D 4

Drawn: Research



- Rochford District Boundary
- ★ DG5 Record
- ◆ Highways Record
- Fire Record
- ▲ Catchment Flood Management Plan Record
- Parish Council Record
- ▼ Rochford District Record

COPYRIGHT
 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. © Crown copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or legal proceedings.
 All rights reserved Licence number DROC 100.

Job Title
SOUTH ESSEX SURFACE WATER MANAGEMENT PLAN



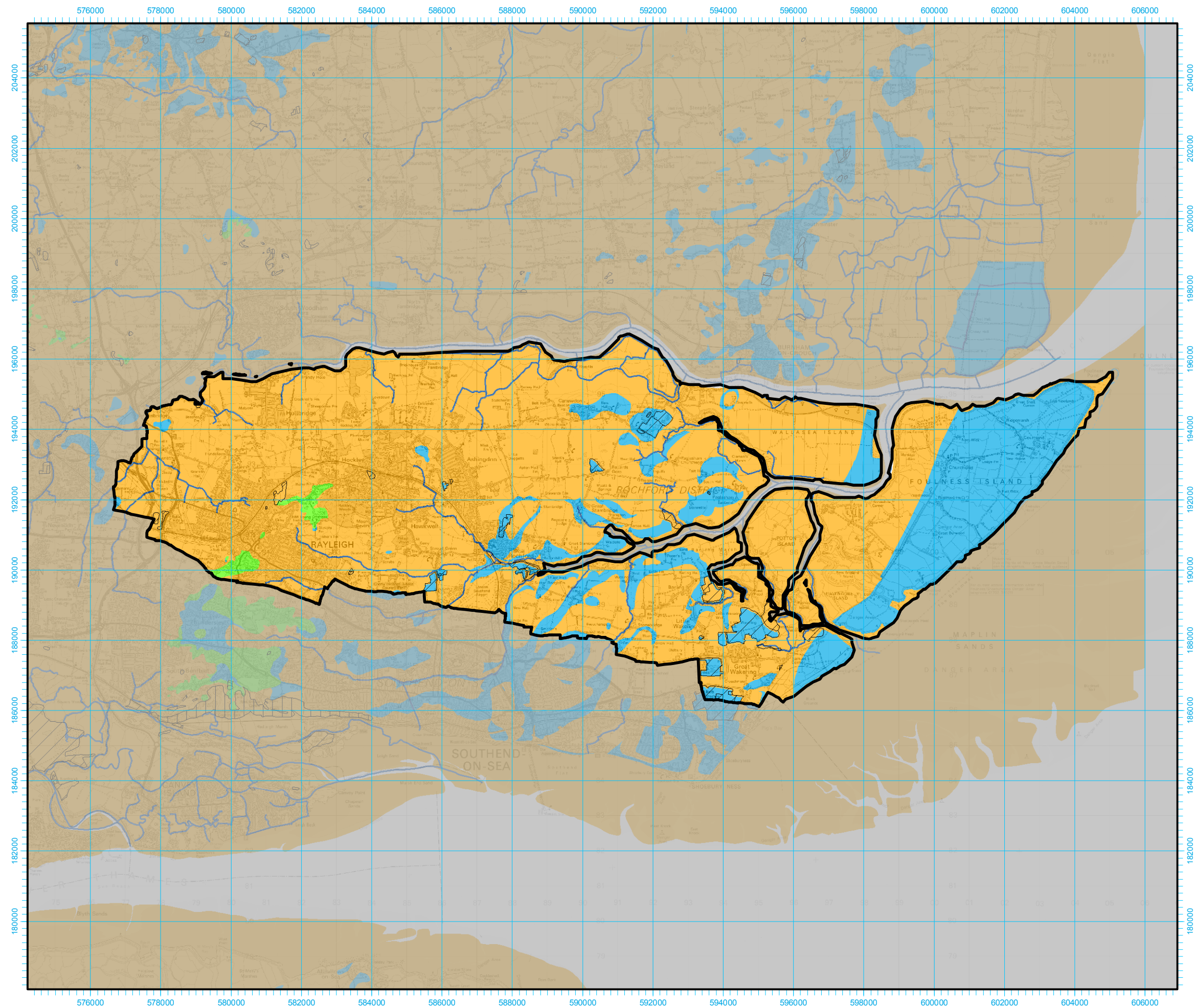
Drawing Status
FINAL

Drawing Title
ROCHFORD Recorded Surface Water Flooding Incidents








Scale at A3		1:85,000	
Drawn	GH	Approved	CP
Stage 1 Check	Stage 2 Check	Original	Date
		BA	Jul 2011

THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF SCOTT WILSON'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. SCOTT WILSON ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
 © SCOTT WILSON LTD 2011

Scott Wilson Ltd Scott House Alençon Link, Basingstoke Hampshire, RG21 7TP Telephone: (01256) 310200 Fax: (01256) 310201 www.urs-scottwilson.com	
--	------



Legend

-  Rochford Council Administrative Boundary
-  Main River
-  Artificial (Undivided)
-  Landslide Deposits (Undifferentiated)
- Infiltration SUDS Suitability**
-  Infiltration SUDS potentially suitable
-  Infiltration SUDS potentially unsuitable
-  Enhanced site investigation required

Notes:

This map forms an approximate guide to permeability. However, for all new developments, site investigation is required to confirm local permeabilities and infiltration rates.

Drawing Status: **FINAL**

Job Title: **South Essex Surface Water Management Plan**

Drawing Title: **Rochford District Council Infiltration SUDS Suitability (BGS Permeability) Map**

Scale at A3: 1:110,000

Drawn by	Date	Approved	Date
Ryan Cox	09/05/11	Trevor Muten	10/05/11

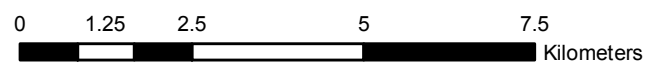
Scott Wilson
 Scott House, Alencon Link,
 Basingstoke, Hants, RG21 7PP
 Telephone (01256) 310 200
 www.scottwilson.com



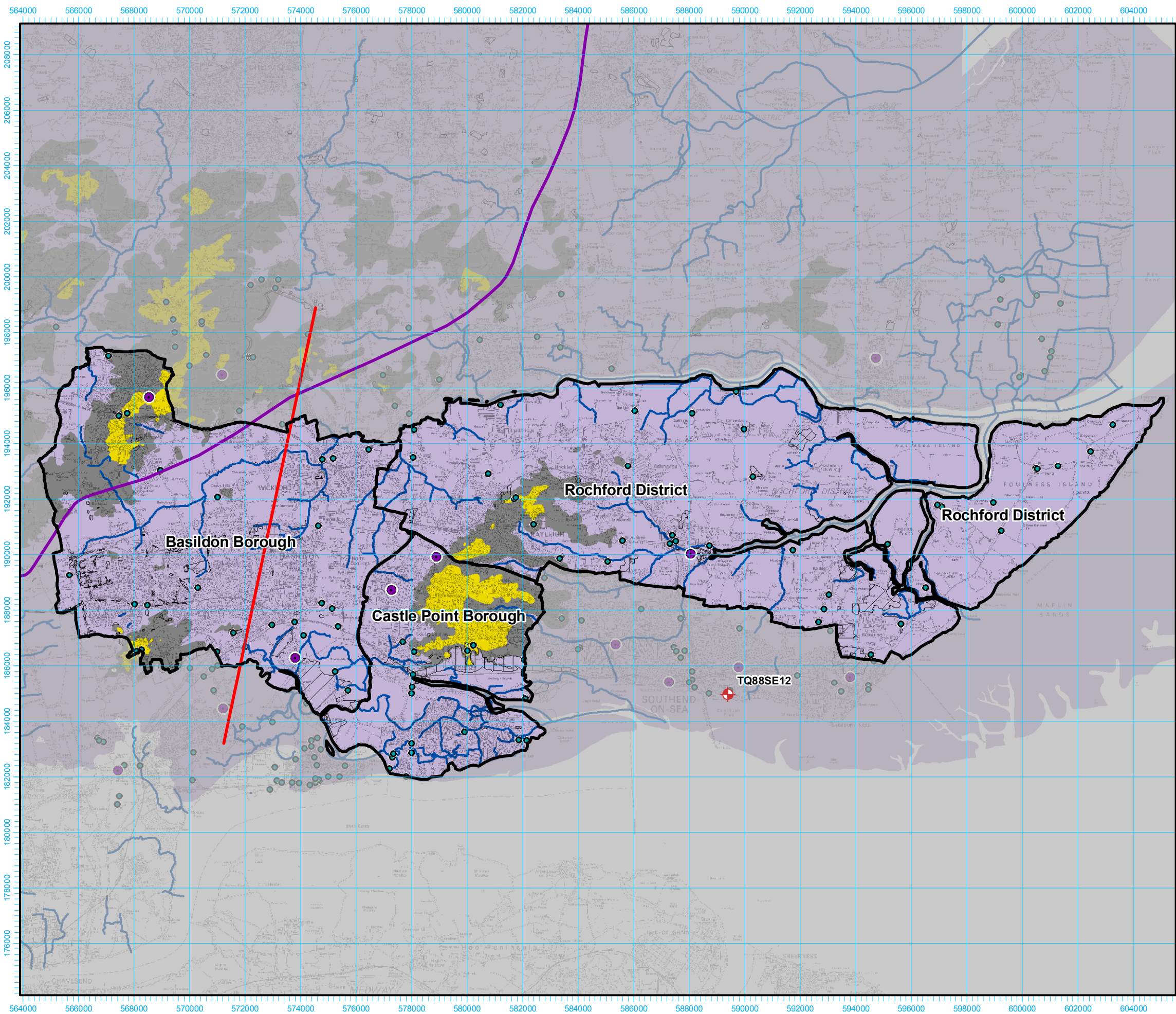
FIGURE D 6

*Reproduced from 1:50 000 by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright 2008. All rights reserved. Reference number [0100031673].
 *Digital groundwater flooding susceptibility map reproduced from British Geological Survey (c) 2011'

Base Map Details
 Projection: Transvers Mercator
 Scale Factor: 0.999601
 Origin: 2° West, 49° North
 Coordinates: 400000, -100000
 Units: metres
 Datum: OSGB 1936



K:\jobs\132233_South Essex SWMP\700_Technical\711_GIS\01_Layout

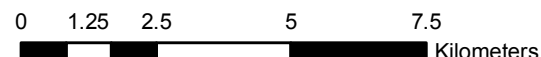


- Legend**
- Council Administrative Boundary
 - Main River
 - Cross Section
 - Glacial Limit
 - Monitoring Borehole
 - BGS Water Well
 - BGS Borehole Logs
 - Artificial (Undivided)
 - Landslide Deposits (Undifferentiated)
- Bedrock Geology**
- Bagshot Formation
 - Claygate Member
 - London Clay Formation

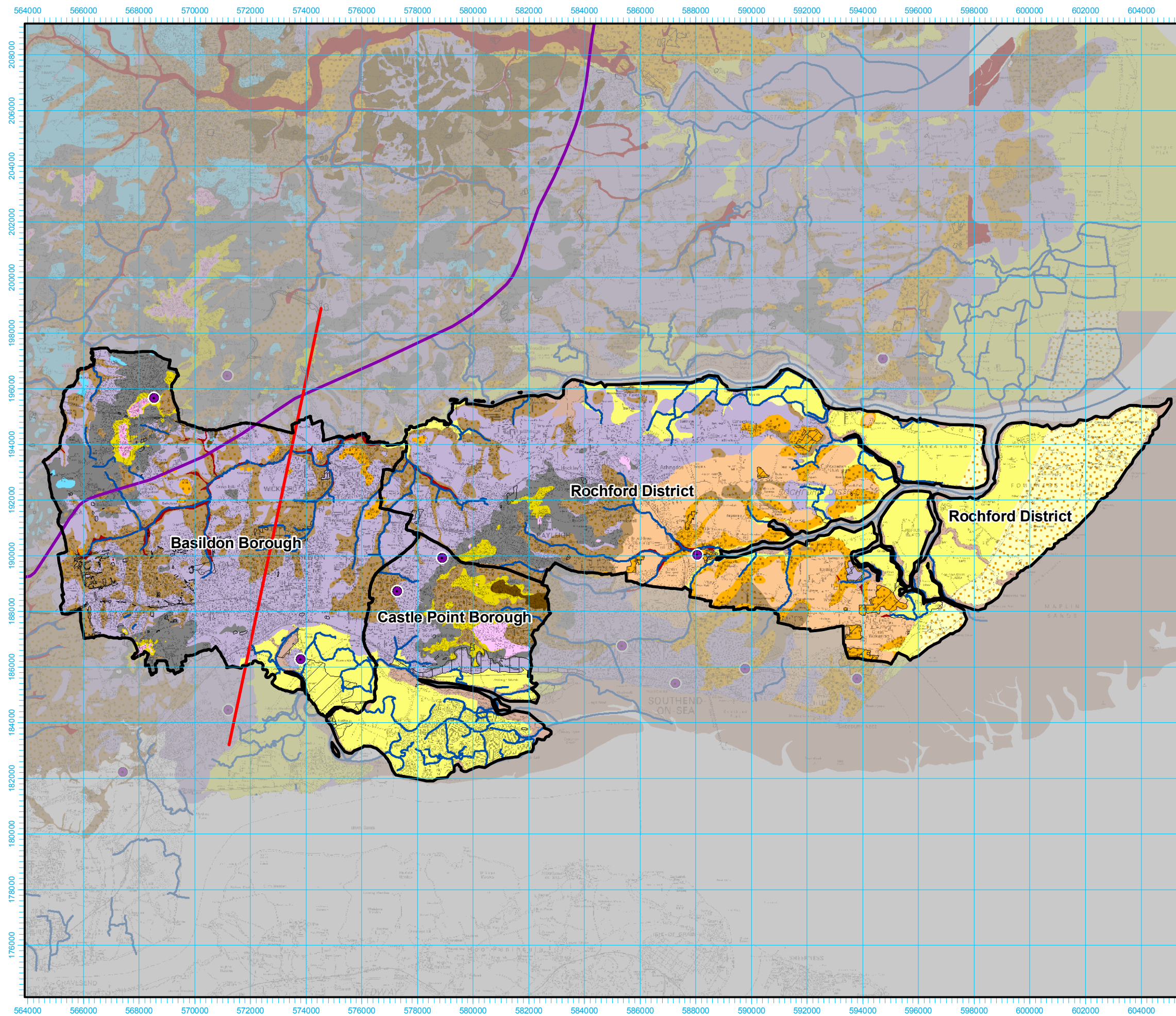
Drawing Status			
FINAL			
Job Title			
South Essex Surface Water Management Plan			
Drawing Title			
Bedrock Geology			
Scale at A3			
1:140,000			
Drawn by	Date	Approved	Date
Ryan Cox	10/05/11	Trevor Muten	11/05/11
Scott Wilson			
Scott House, Alencon Link, Basingstoke, Hants, RG21 7PP Telephone (01256) 310 200 www.scottwilson.com			
FIGURE D 7			

Reproduced from 1:50 000 by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright 2008. All rights reserved. Reference number [0100031673].
 Digital geological map data reproduced from British Geological Survey (c) 2010

Base Map Details
 Projection: Transvers Mercator
 Scale Factor: 0.999601
 Origin: 2° West, 49° North
 Coordinates: 400000, -100000
 Units: metres
 Datum: OSGB 1936



K:\jobs\132233 South Essex SWMP\700 Technical\711 GIS\01 Layout



Legend

- Council Administrative Boundary
- Main River
- Cross Section
- Glacial Limit
- BGS Water Well
- Artificial (Undivided)
- Landslide Deposits (Undifferentiated)

Superficial Geology

- Alluvium (Clay, Silt, Sand & Gravel)
- Beach & Tidal Flat Deposits (undifferentiated)
- Glaciofluvial Deposits (Sand & Gravel)
- Head (Clay & Silt)
- Head (Clay, Silt, Sand & Gravel)
- Lowestoft Formation
- River Terrace Deposits 1 to 3 (Clay & Silt)
- River Terrace deposits 1 to 4 (Sand & Gravel)
- River Terrace Deposits (undifferentiated)
- Raised Tidal Flat Deposits (Clay & Silt)
- Sand & Gravel of Uncertain Age & Origin
- Stanmore Gravel Formation (Sand & Gravel)
- Tidal Flat Deposits (Clay & Silt)
- Tidal Flat Deposits (Sand & Silt)

Bedrock Geology

- Bagshot Formation
- Claygate Member
- London Clay Formation

Drawing Status: **FINAL**

Job Title: **South Essex Surface Water Management Plan**

Drawing Title: **Bedrock and Superficial Geology**

Scale at A3: **1:140,000**

Drawn by	Date	Approved	Date
Ryan Cox	10/05/11	Trevor Muten	11/05/11

Scott Wilson
 Scott House, Alencon Link,
 Basingstoke, Hants, RG21 7PP
 Telephone (01256) 310 200
 www.scottwilson.com

URS

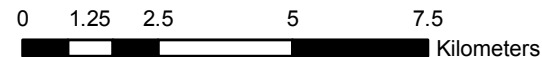


FIGURE D 8

K:\jobs\132233 South Essex SWMP\700 Technical\711 GIS\01 Layout

Reproduced from 1:50 000 by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright 2008. All rights reserved. Reference number [0100031673].
 Digital geological map data reproduced from British Geological Survey (c) 2010

Base Map Details
 Projection: Transvers Mercator
 Scale Factor: 0.999601
 Origin: 2° West, 49° North
 Coordinates: 400000, -100000
 Units: metres
 Datum: OSGB 1936