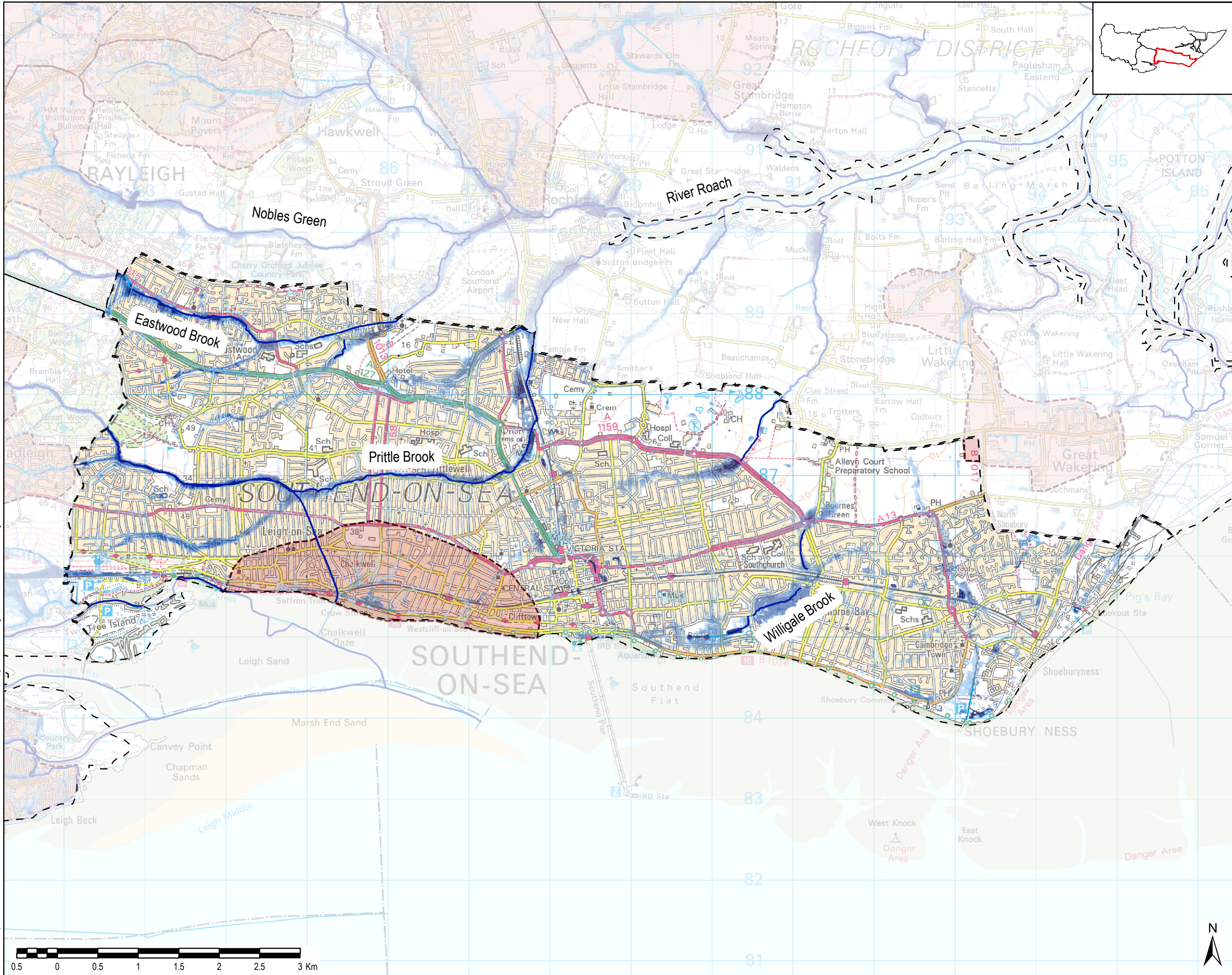


File Name: \\ba-wip-003\4700 - Water\Water New\4 - PROJECTS\603\6032482 - South Essex SFRA\40 GIS\Project Files\MXD\Figure 4.2.5.2.7.2 Risk of Flooding from Surface Water.mxd



THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT

**LEGEND**

- Council Boundary
- Main River
- Ordinary Watercourse
- Culvert
- Area of Critical Drainage
- 1 in 30 year (3.3% annual probability)
- 1 in 100 year (1% annual probability)
- 1 in 1000 year (0.1% annual probability)

**NOTES**

- This map shows the predicted likelihood of surface water flooding based on the Environment Agency's updated Flood Map from Surface Water data, which may be subject to further analysis in the future.
- The Risk from Surface Water Flooding is divided into three categories:
  - Low: each year the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%)
  - Medium: each year the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%)
  - High: each year, the chance of flooding is equal to or greater than 1 in 30 (3.3%)
- The potential impact of surface water flooding can vary according to the depth of water and velocity (speed and direction of flow).
- Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.
- This map is intended to provide strategic overview of susceptibility to surface water flooding and should not be used to assess flood risk for individual properties.
- Area of Critical Drainage are based upon the Local Flood Risk Management Strategy.

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Purpose of Issue  
**FINAL**

Client  
**Basildon Council**  
BASILDON · BILLERICA · WICKFORD  
**castlepoint**  
**Rochford District Council**  
**southend on sea**  
SOUTHEND-ON-SEA

Project Title  
**SOUTH ESSEX  
LEVEL 1 SFRA**

Drawing Title  
**RISK OF FLOODING  
FROM SURFACE WATER**

Drawn KLD	Checked JW	Approved CP	Date 20/04/2018
AECOM Internal Project No. 60532482		Scale @ A3 1:43,000	

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Drawing Number <b>FIGURE 7.2</b>	Rev <b>1</b>
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