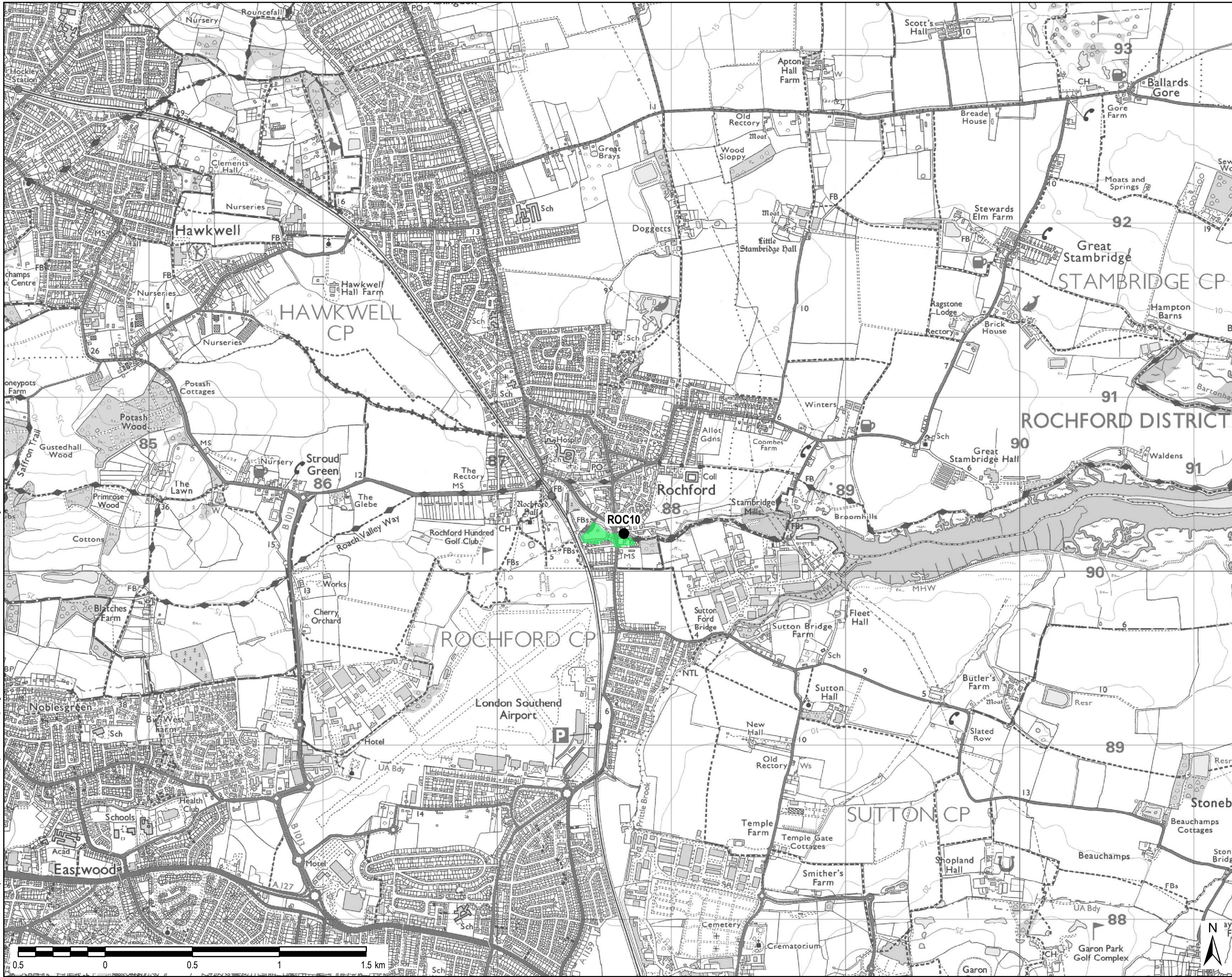


File Name: K:\5004 - Information Systems\60532482 - South Essex SFRA\02_Maps\Inundation Maps\Figure E43\Breach ROC10 Time to inundation - 2116 with climate change 0.1 AEP.mxd



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

LEGEND

● Breach Location

Time to Inundation (Hours)

< 1 Hour
1 - 4 Hours
4 - 8 Hours
8 - 12 Hours
12 - 16 Hours
16 to 20 Hours
> 20 Hours

NOTES

Time to inundation mapping illustrates the length of time
from a breach before floodwaters reach a particular site.
This information is particularly useful for emergency
planning as it provides details of the time available for
evacuation to a place of safety.

Time zero is set to the time when tidal water enters the
specific breach. This means that the <1 hour band
encompasses all areas that are inundated (wet) within
the first hour of water travelling through the specific
breach and into the flood cell. Further bands have been
produced to show wet cells at: 1-4 hours, 4-8 hours,
8-12 hours, 12 to 16 and 16-20 hours. Time to inundation
is specific to each breach location.

Mapping has been provided for the 1 in 1000 year + CC
event as it represents the most conservative scenario
and should be used for emergency planning purposes
when considering safe access/egress routes from any
potential development site.

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Purpose of Issue
FINAL

Client
Basildon Council
BASILDON - BILLERICAY - WICKFORD
Rochford District Council
ROCHFORD DISTRICT COUNCIL

Project Title
**SOUTH ESSEX
LEVEL 1 SFRA**

Drawing Title
**BREACH ROC10
TIME TO INUNDATION
2116 WITH CLIMATE CHANGE
0.1% AEP**

Drawn JW	Checked BB	Approved CP	Date 09/04/2018
AECOM Internal Project No. 60532482		Scale @ A3 1:20,000	

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