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THAMES GATEWAY SOUTH ESSEX STRATEGIC FLOOD RISK ASSESSMENT

> TIME TO INUNDATION 0200YR + CC (2110)

> > BREACH ROC03



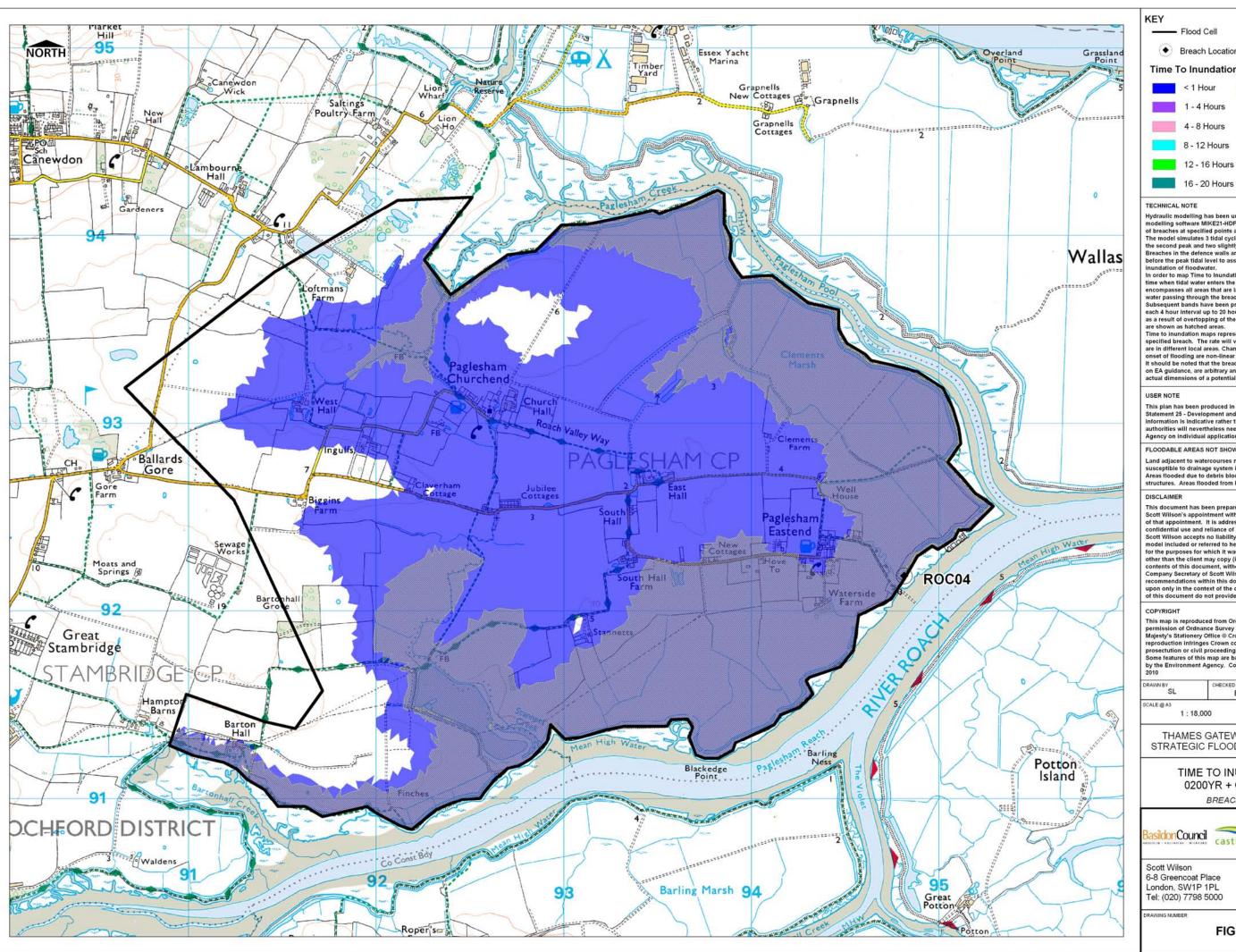




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RAWING NUMBER





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> TIME TO INUNDATION 0200YR + CC (2110)

> > BREACH ROC04





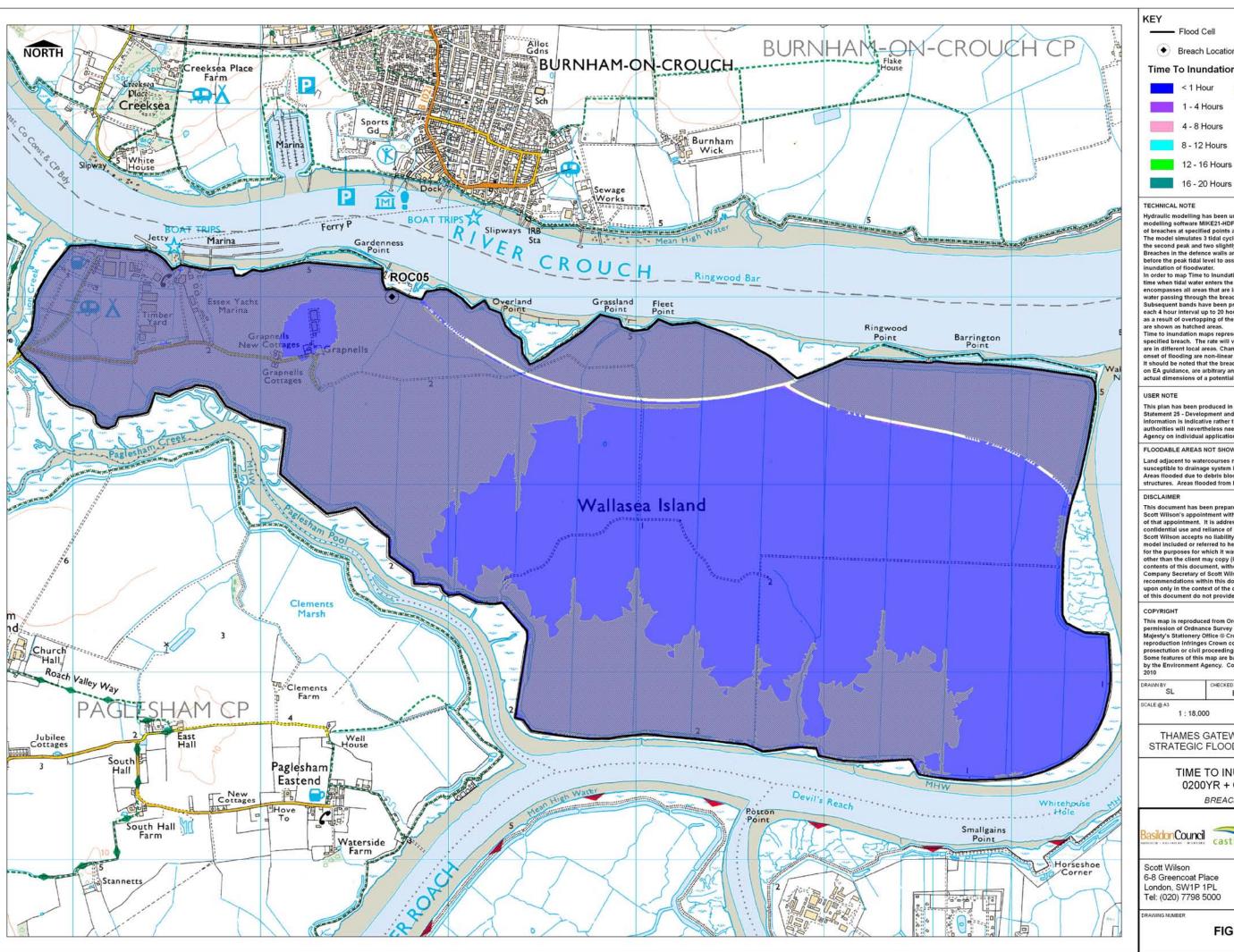


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> TIME TO INUNDATION 0200YR + CC (2110)

BREACH ROC05





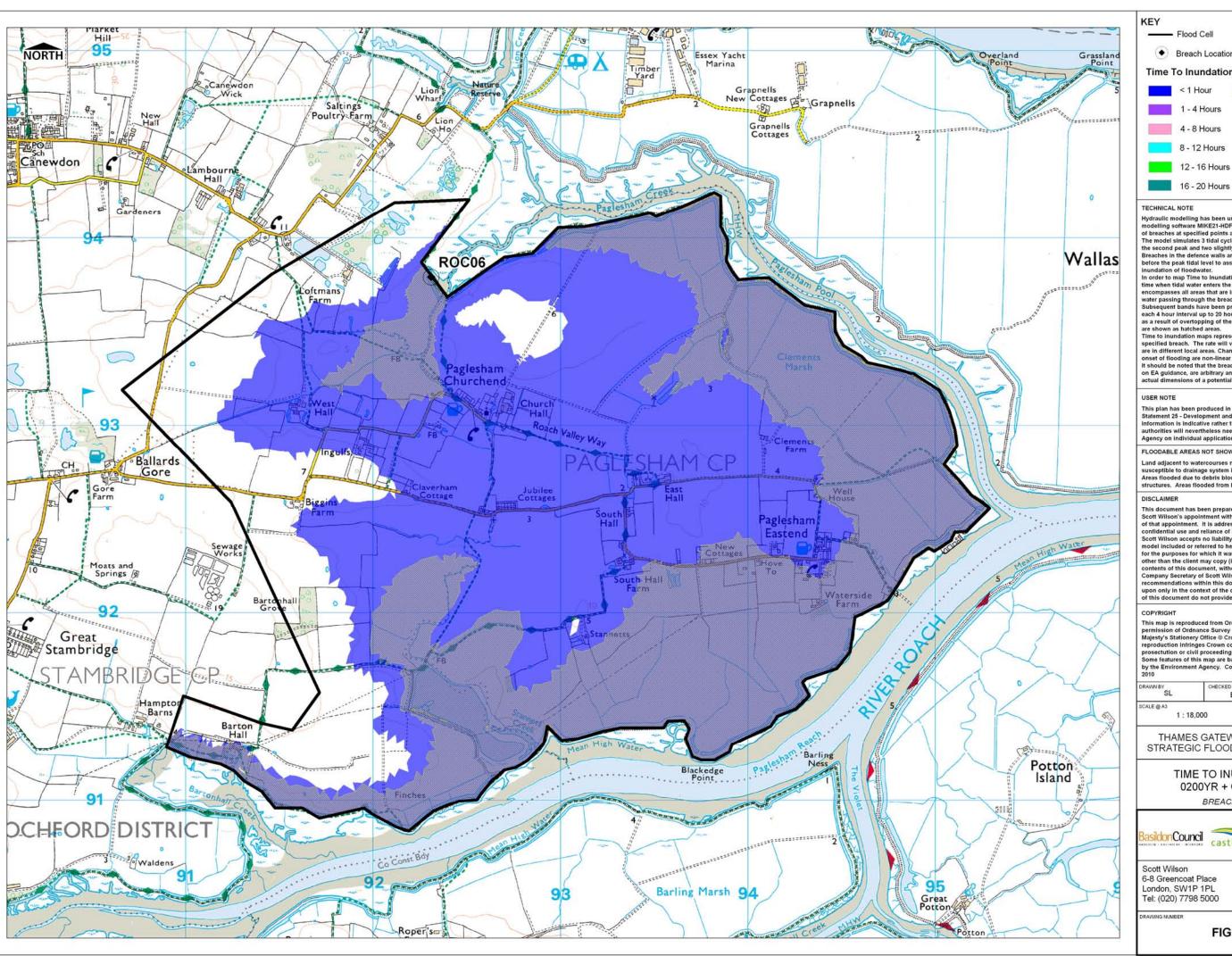


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- Flood Cell Breach Location Time To Inundation [Hours] < 1 Hour Inundation from overtopping 1 - 4 Hours prior to breach 4 - 8 Hours 8 - 12 Hours 12 - 16 Hours

Hydraulic modelling has been undertaken using 2-D hydraulic modelling software MIKE21-HDFM (ver. 2009), to assess the effect of breaches at specified points and/or overtopping of defences.

The model simulates 3 tidal cycles with the peak level occurring or the second peak and two slightly smaller peaks either side.

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> TIME TO INUNDATION 0200YR + CC (2110)

> > BREACH ROC06





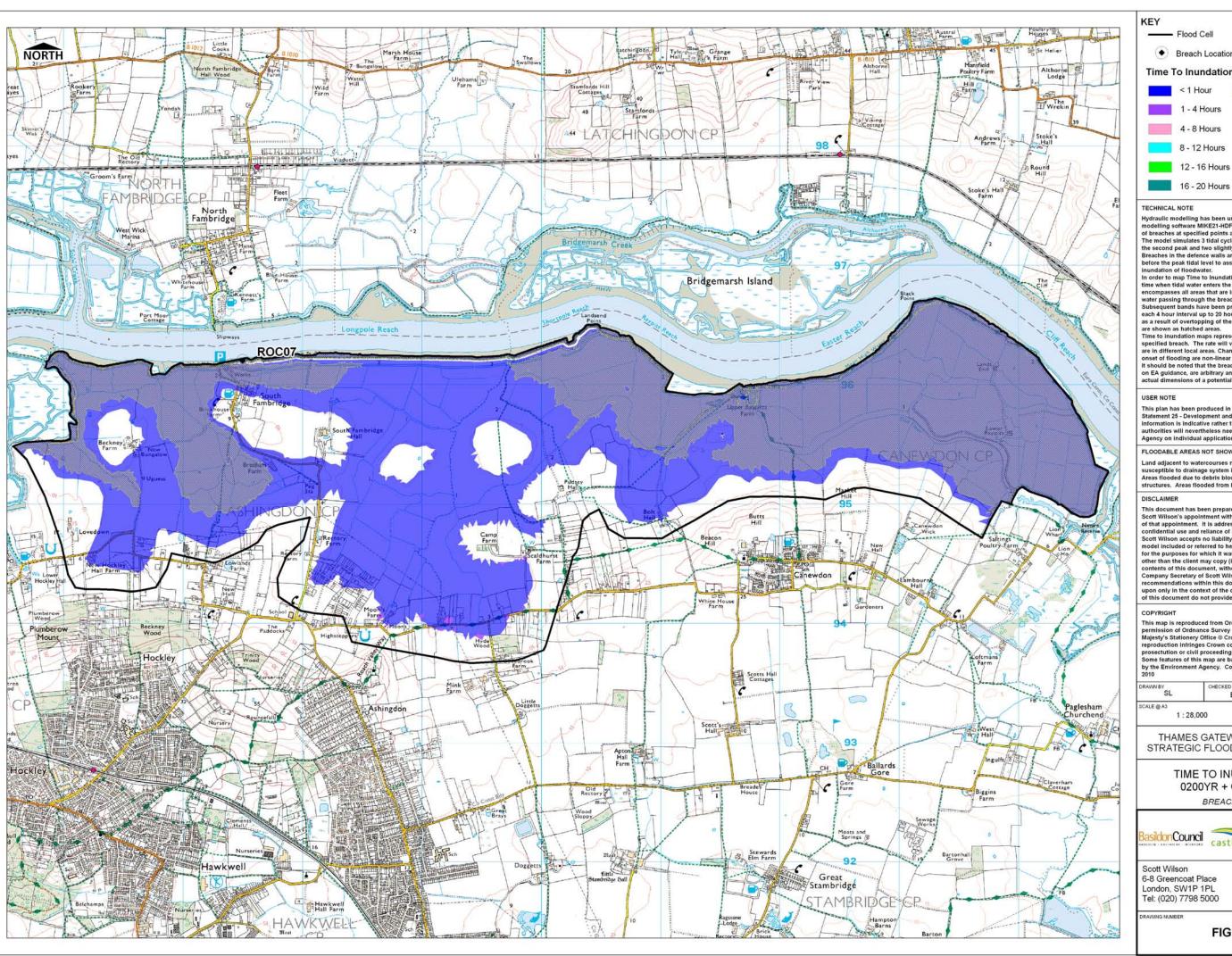


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RAWING NUMBER





TECHNICAL NOTE

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> TIME TO INUNDATION 0200YR + CC (2110)

> > BREACH ROC07





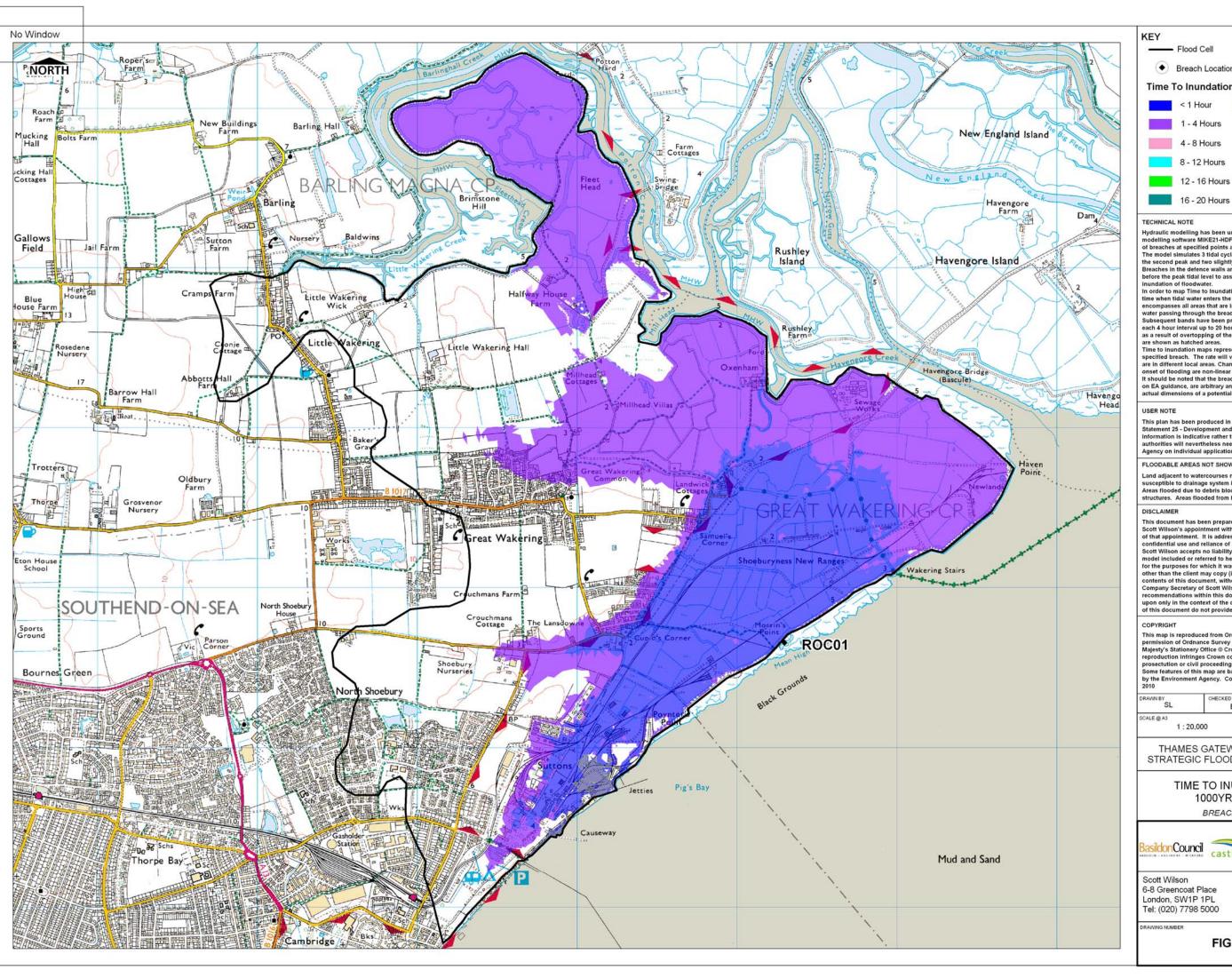


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RAWING NUMBER



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THAMES GATEWAY SOUTH ESSEX STRATEGIC FLOOD RISK ASSESSMENT

TIME TO INUNDATION 1000YR (2010)

BREACH ROC01





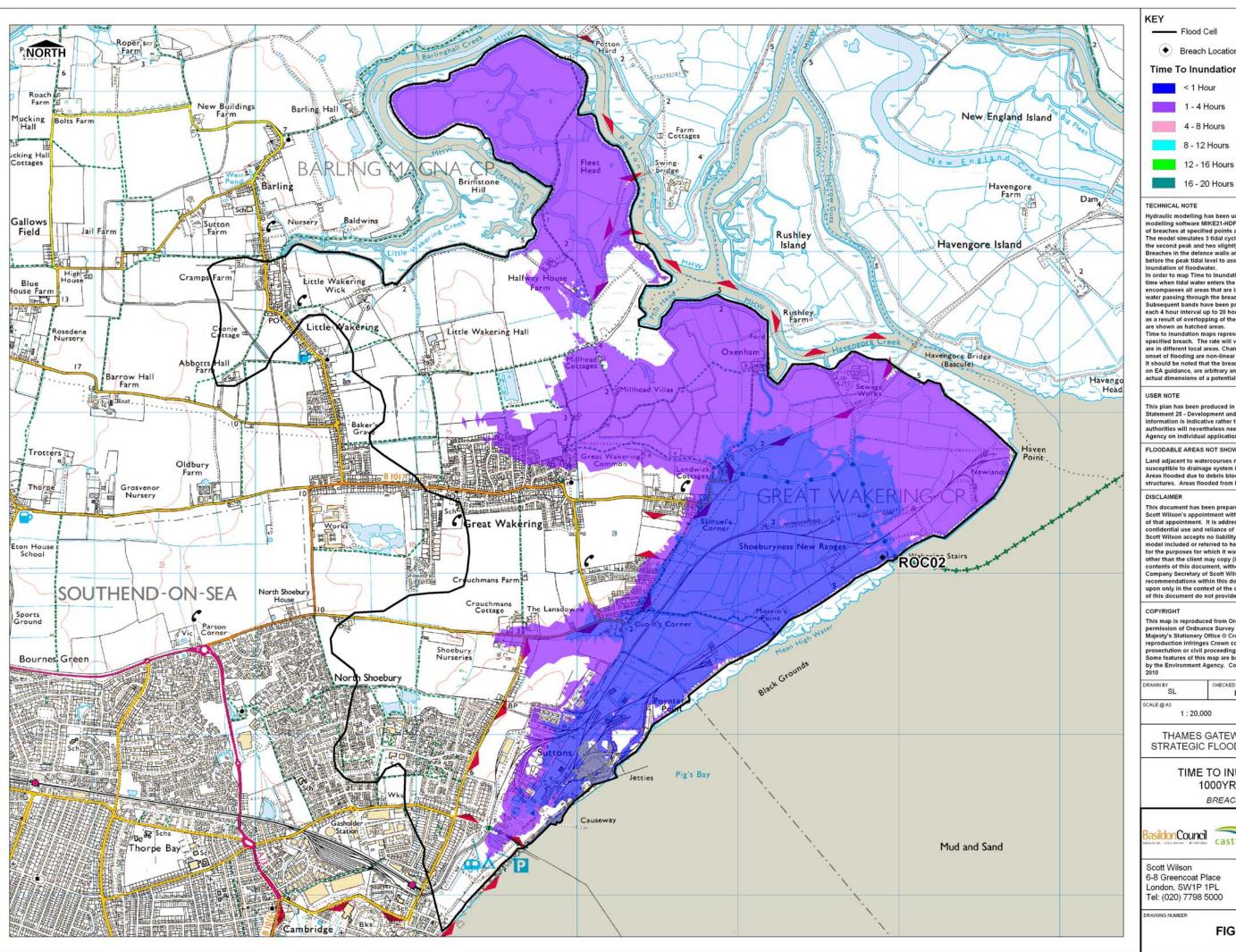


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RAWING NUMBER





Inundation of floodwater.

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THAMES GATEWAY SOUTH ESSEX STRATEGIC FLOOD RISK ASSESSMENT

TIME TO INUNDATION 1000YR (2010)

BREACH ROC02





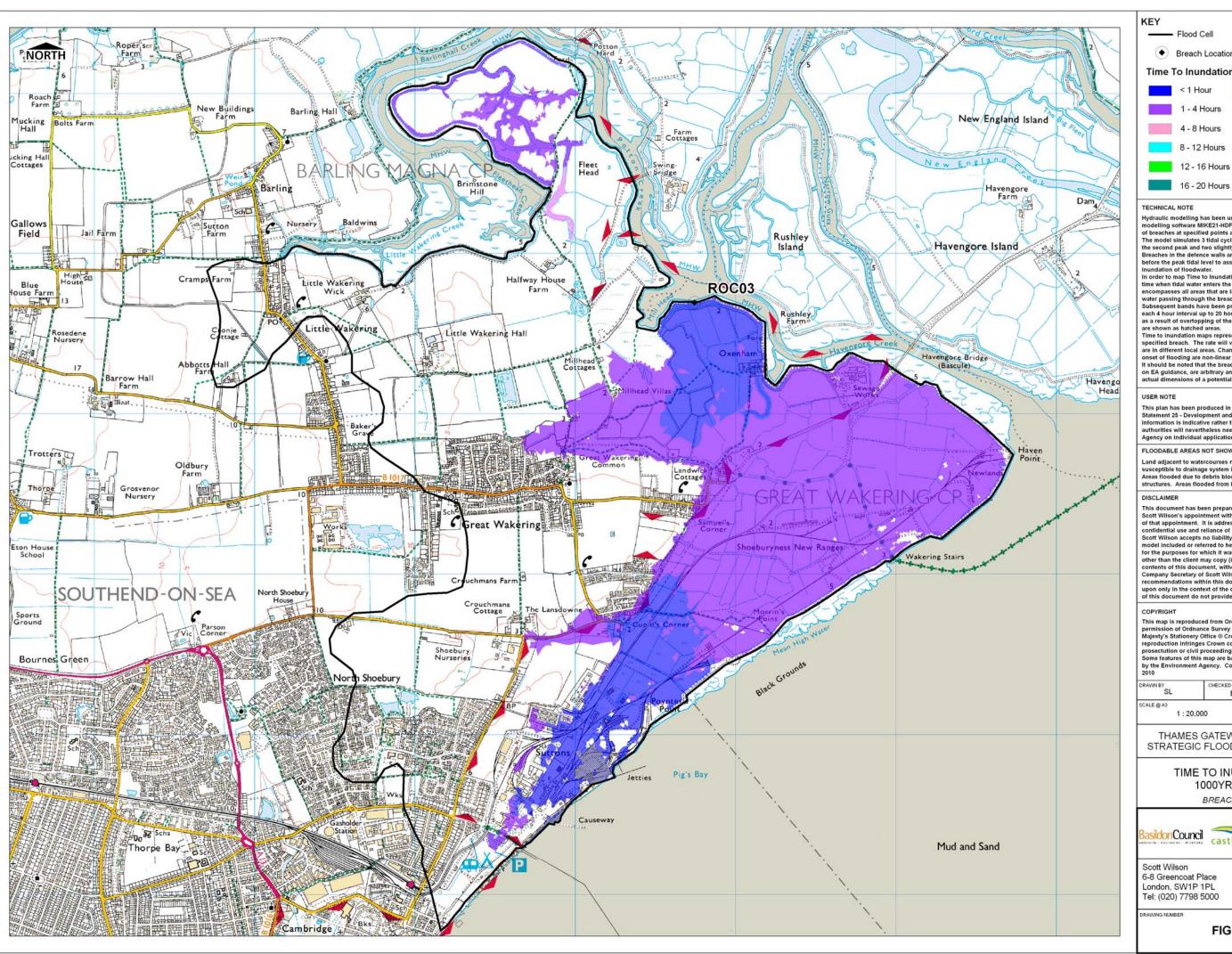


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THAMES GATEWAY SOUTH ESSEX STRATEGIC FLOOD RISK ASSESSMENT

TIME TO INUNDATION 1000YR (2010)

BREACH ROC03





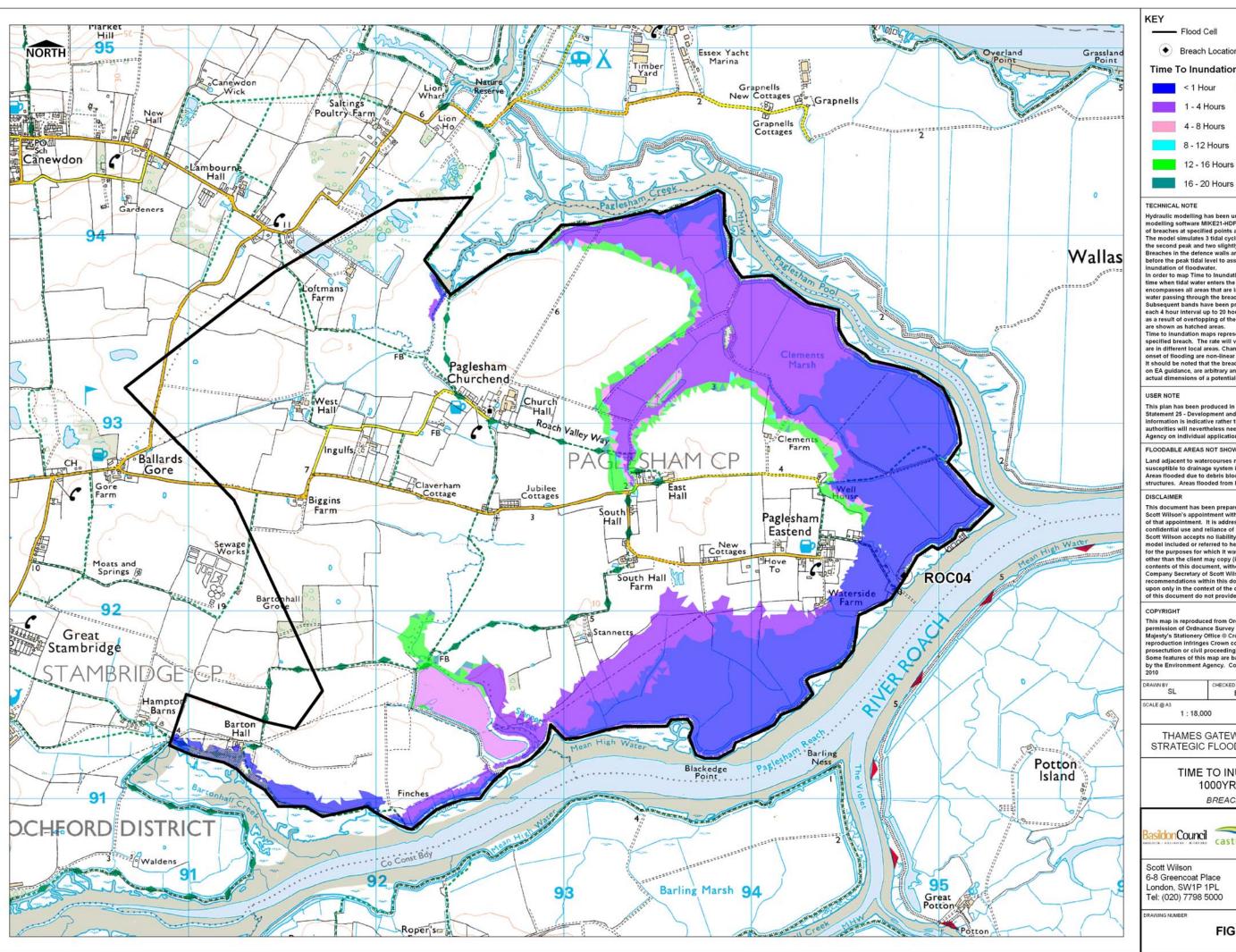


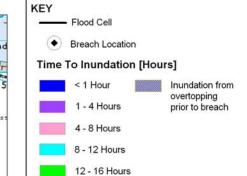
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TIME TO INUNDATION 1000YR (2010)

BREACH ROC04





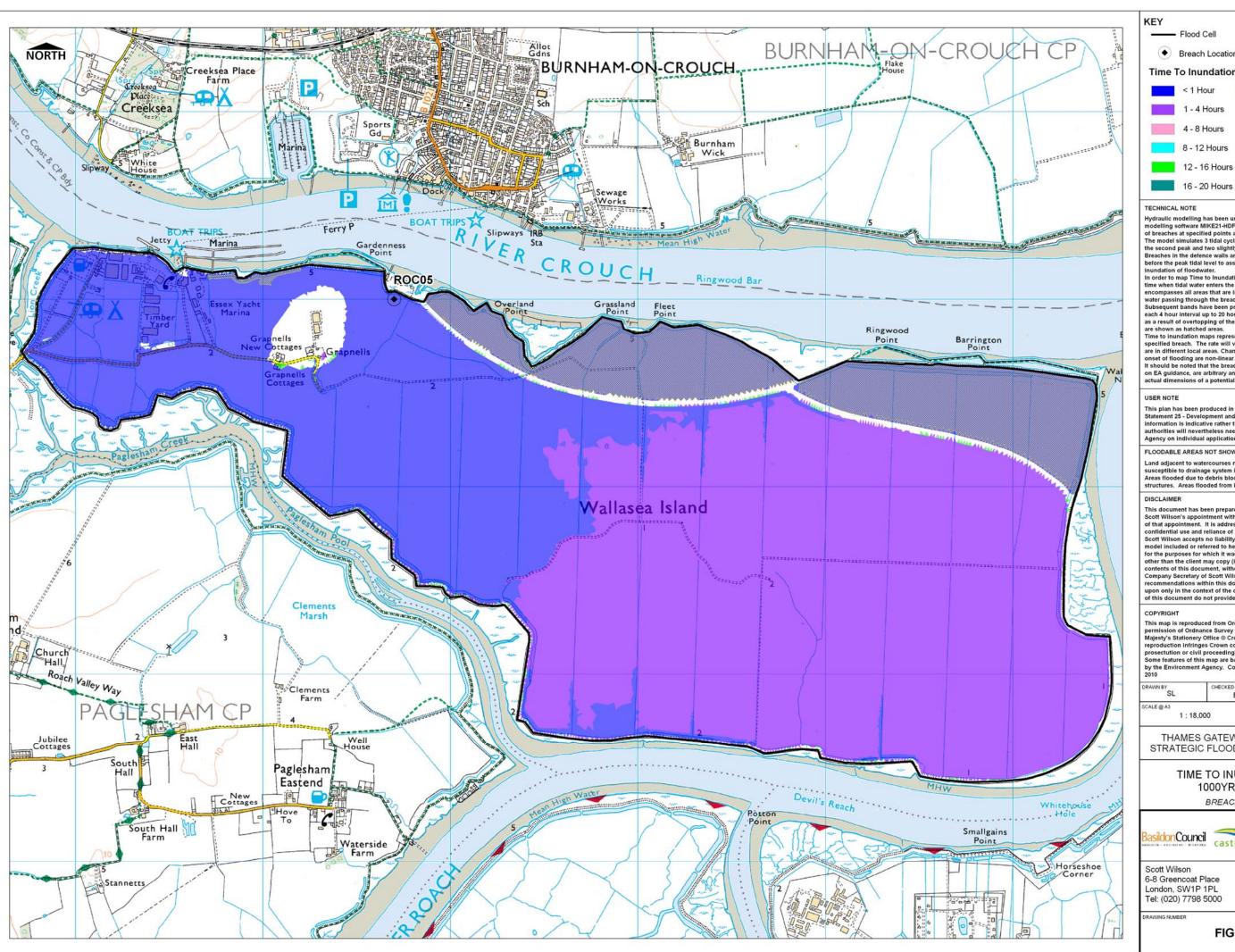


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SL SL	EC EC	JAN 2011
SCALE @ A3 1 ; 18,00		SUING OFFICE London

THAMES GATEWAY SOUTH ESSEX STRATEGIC FLOOD RISK ASSESSMENT

TIME TO INUNDATION 1000YR (2010)

BREACH ROC05







Scott Wilson

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RAWING NUMBER