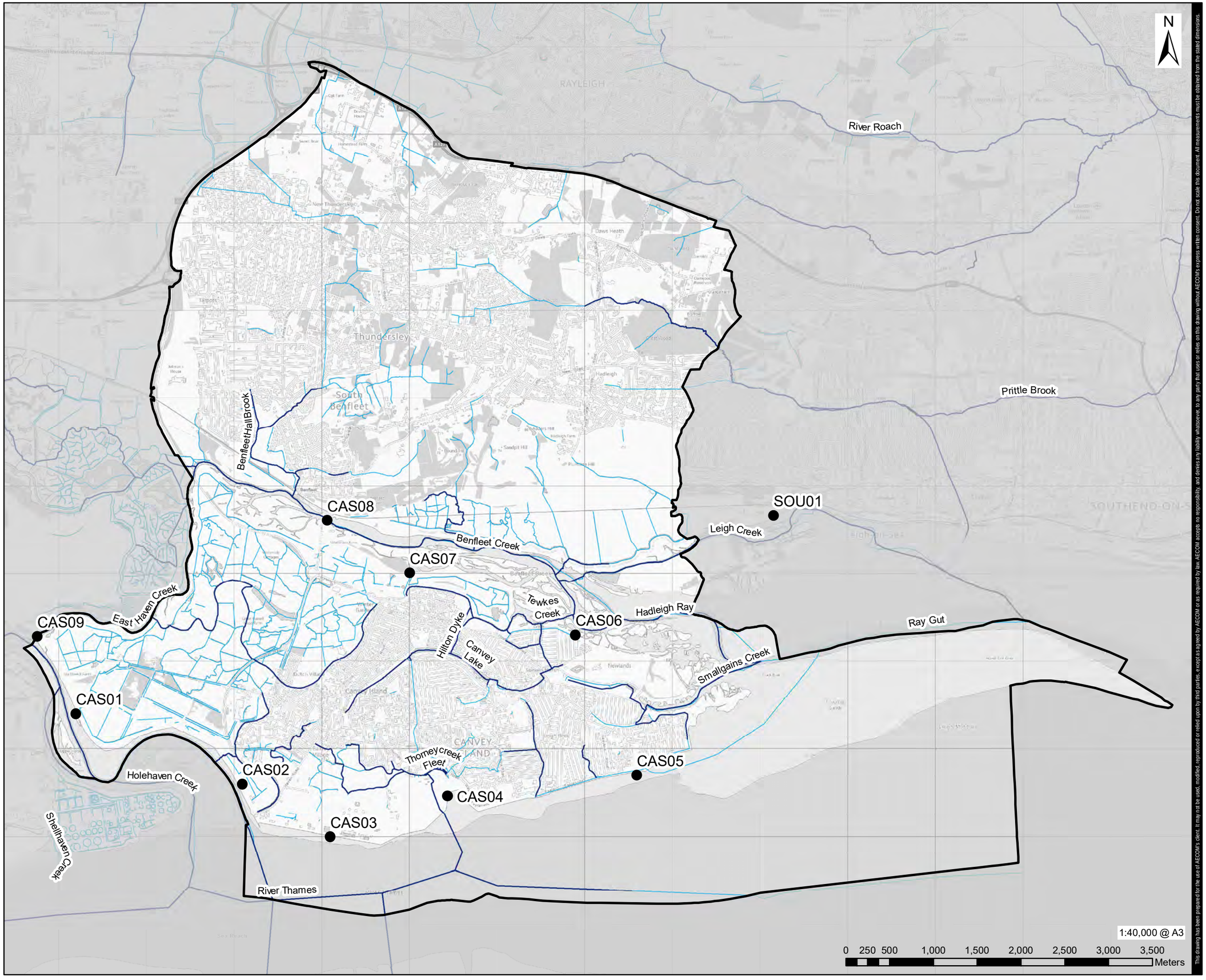
Appendix D Tidal Breach Modelling Mapping

Map 1: Breach Locations
Map 2: 0.5% AEP (2025) – Maximum Depth (m)
Map 3: 0.5% AEP (2125 Higher Central) – Maximum Depth (m)
Map 4: 0.5% AEP (2125 Upper End) – Maximum Depth (m)
Map 5: 0.1% AEP (2025) – Maximum Depth (m)
Map 6: 0.1% AEP (2125 Higher Central) – Maximum Depth (m)
Map 7: 0.1% AEP (2125 Upper End) – Maximum Depth (m)
Map 8: 0.5% AEP (2025) – Maximum Hazard Rating
Map 9: 0.5% AEP (2125 Higher Central) – Maximum Hazard Rating
Map 10: 0.5% AEP (2125 Upper End) – Maximum Hazard Rating
Map 11: 0.1% AEP (2025) – Maximum Hazard Rating
Map 12: 0.1% AEP (2125 Higher Central) – Maximum Hazard Rating
Map 13: 0.1% AEP (2125 Upper End) – Maximum Hazard Rating
Map 14: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS01
Map 15: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS02
Map 16: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS03
Map 17: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS04
Map 18: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS05
Map 19: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS06
Map 20: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS07
Map 21: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS08
Map 22: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location CAS09
Map 23: 0.1% AEP (2125 Upper End) – Time to Inundation Breach Location SOU01

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

Filename: \\na.aecomnet.com\tkEMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFILW001\WPP\5 - Projects\60725540 - Castle Point SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map1_BreachLocations.mxd



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LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

NOTES

1: This map shows the modelled breach locations.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Modelled Breach Locations

MAP NUMBER

Appendix D Map 1

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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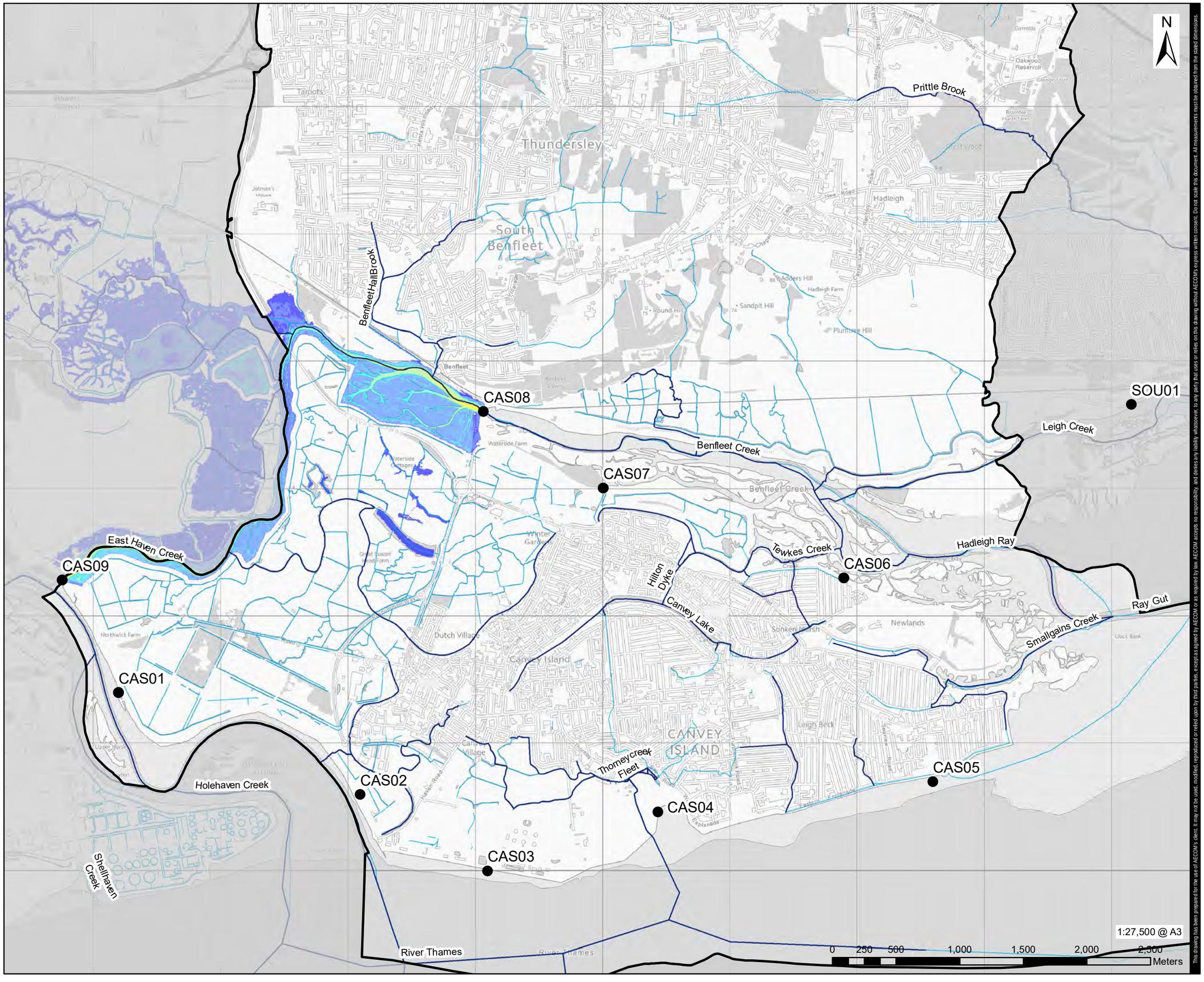

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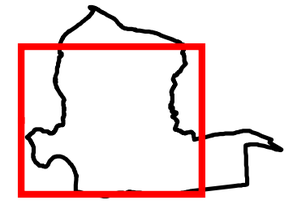
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.5% AEP 2025

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 200yr 2025 scenario.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2025: Maximum Breach Flood Depth (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 2

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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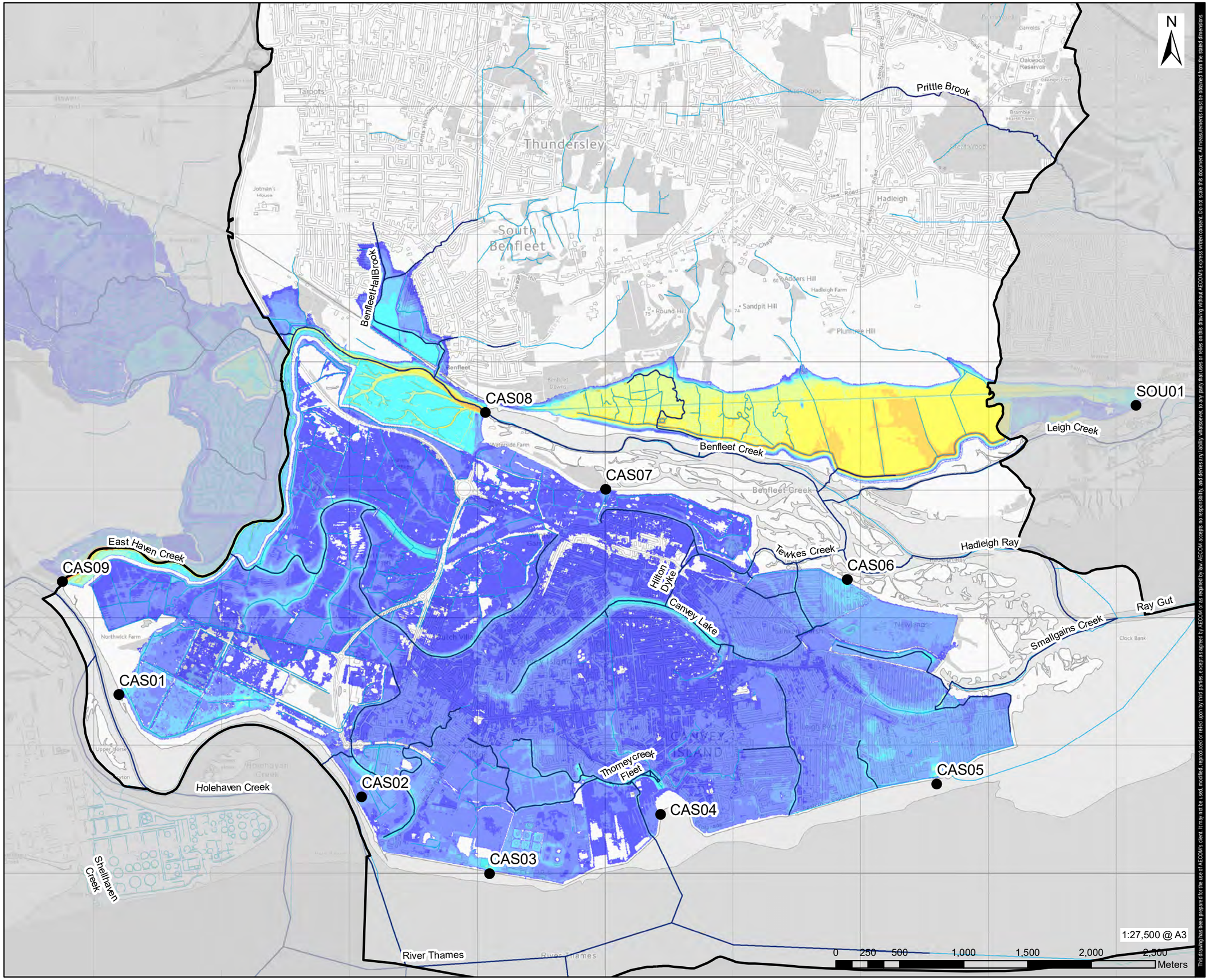

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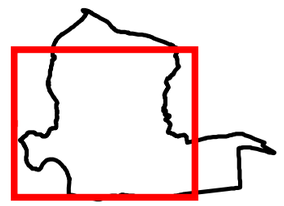
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.5% AEP 2125 Higher Central

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 200yr 2125 scenario including a higher central allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2125 + Higher Central Climate Change Allowance: Maximum Breach Flood Depth (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 3

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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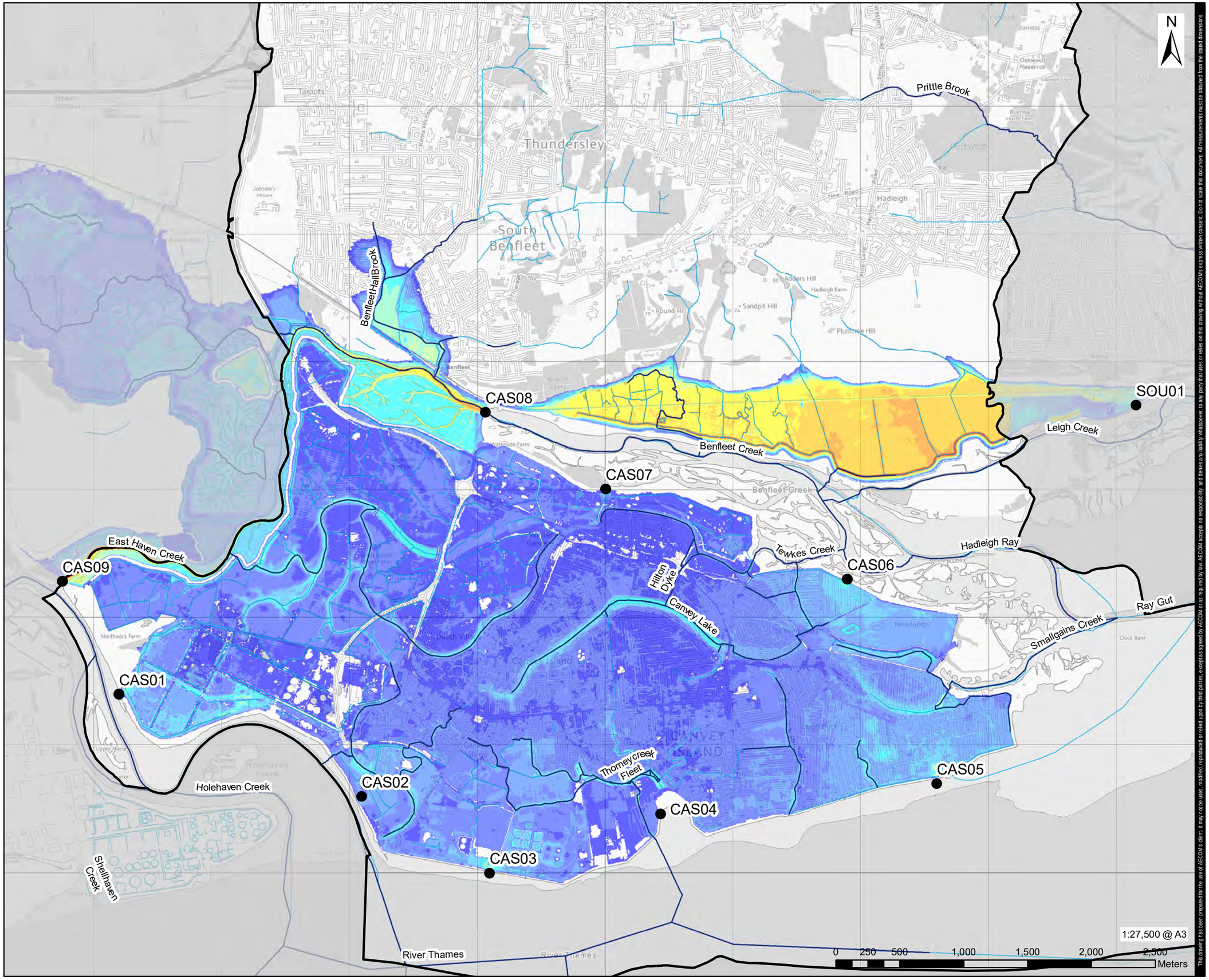

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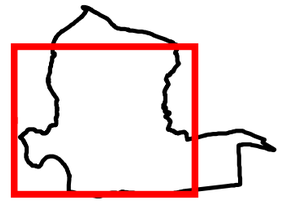
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.5% AEP 2125 Upper End

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 200yr 2125 scenario including an upper end allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2125 + Upper End Climate Change Allowance: Maximum Breach Flood Depth (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 4

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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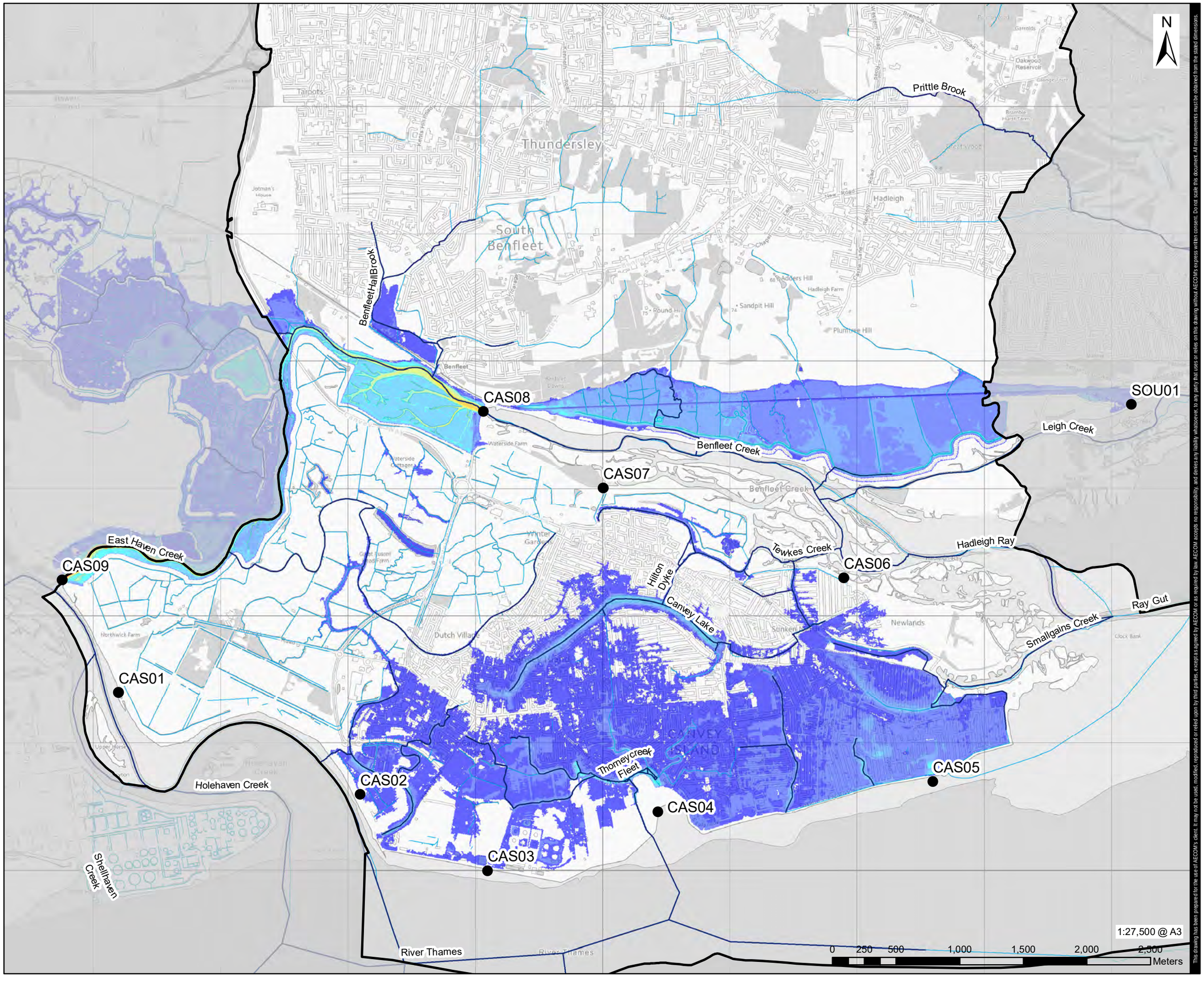

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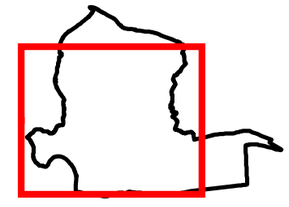
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.1% AEP 2025

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 1000yr 2025 scenario.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 1000YR (0.1% AEP) 2025: Maximum Breach Flood Depth (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 5

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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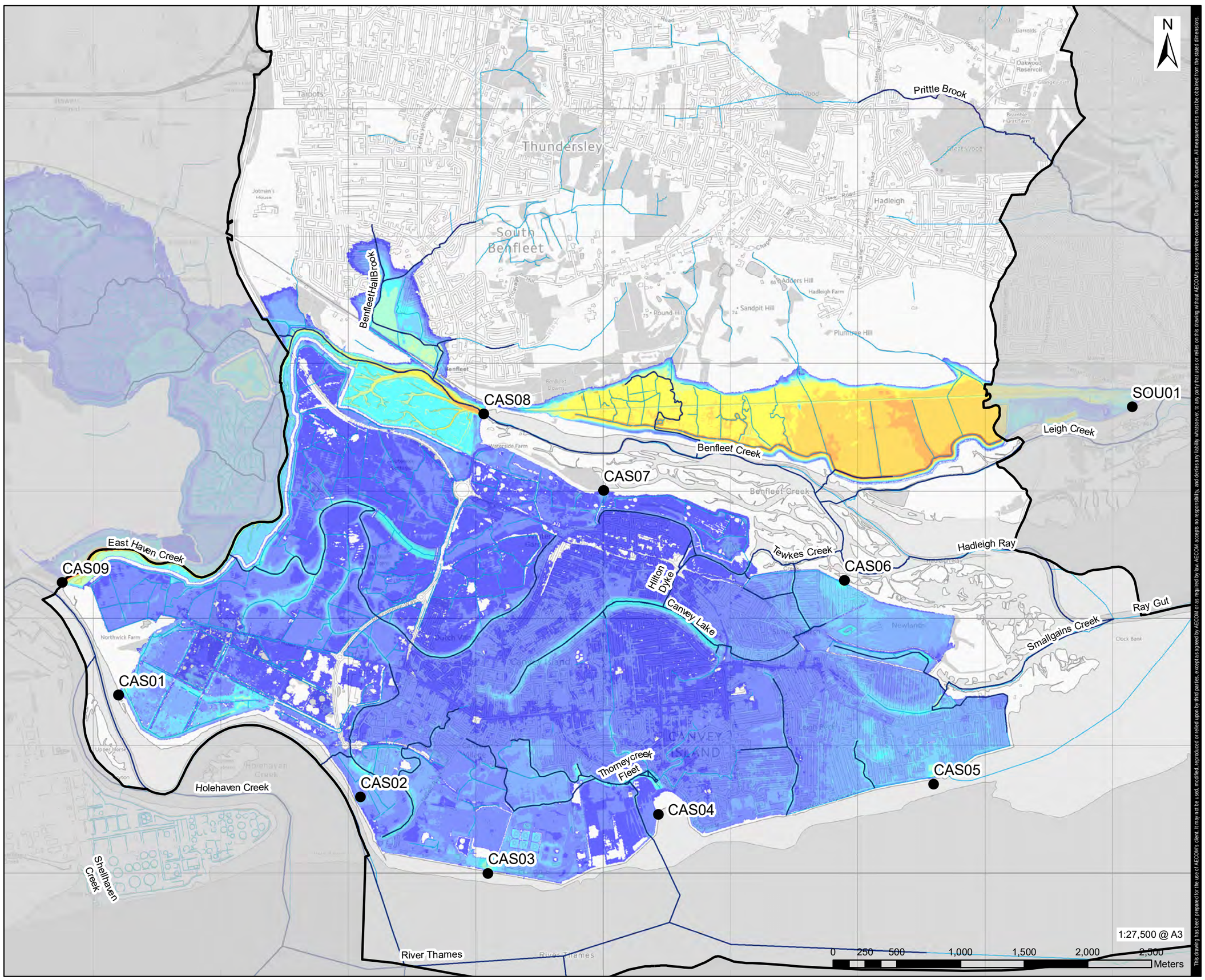

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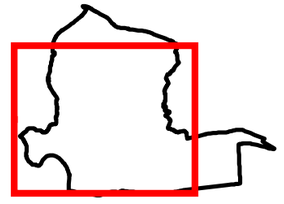
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.1% AEP 2125 Higher Central

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 1000yr 2125 scenario including a higher central allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

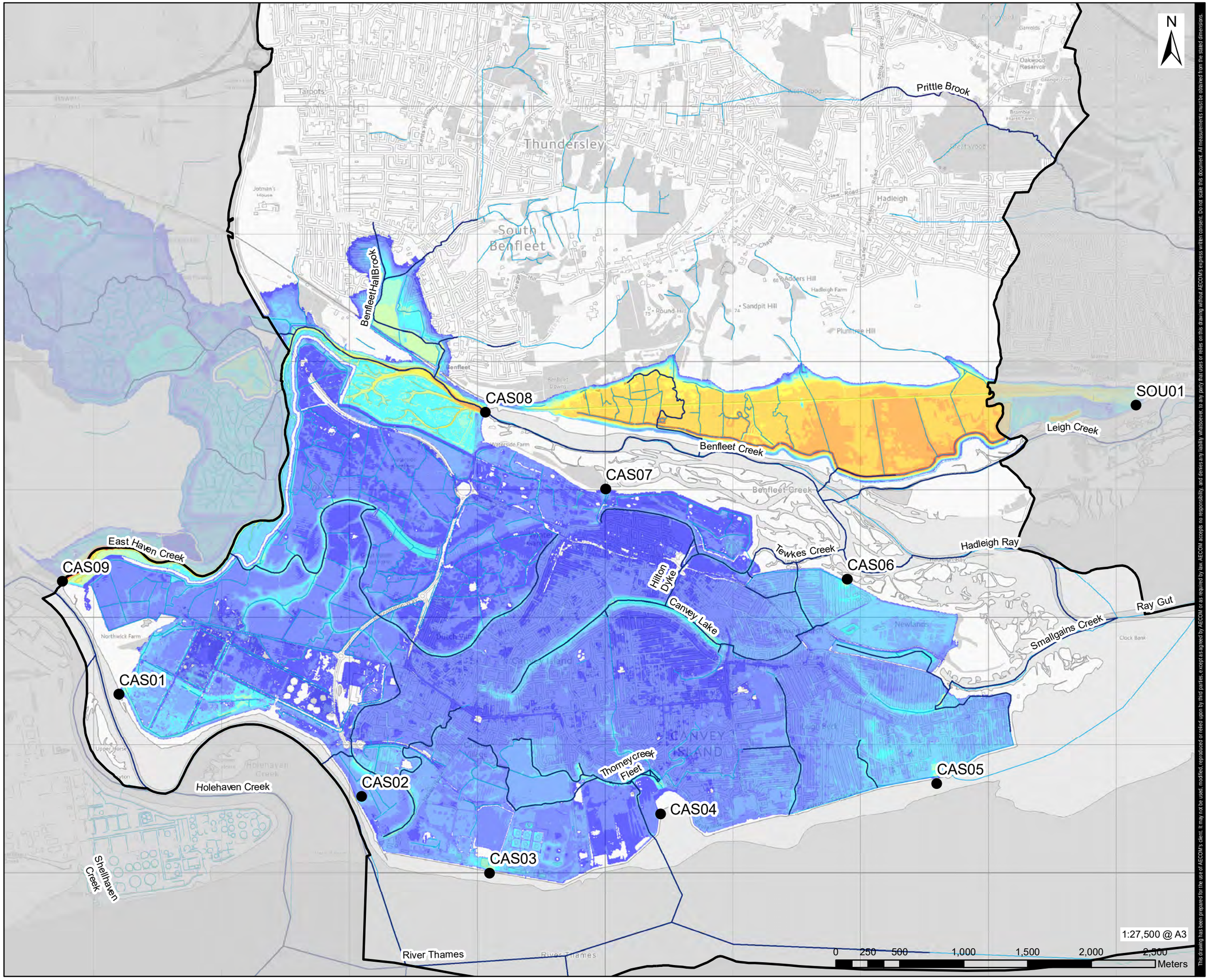
Tidal Breach 1000YR (0.1% AEP) 2125 + Higher Central Climate Change Allowance: Maximum Breach Flood Depth (All Modelled Locations Simultaneously)

MAP NUMBER

Appendix D Map 6

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

Filename: \\na.aecomnet.com\ifs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW0011WPFi5 - Projects\60725540 - Castle Point SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map6_Beach_1000YR_2125_UE_Depth_DDP.mxd



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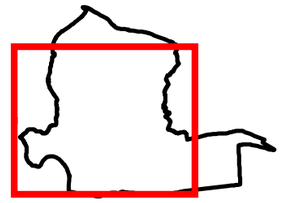
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Breach Flood Depth (m): 0.1% AEP 2125 Upper End

- 0 to 0.5
- 0.5 to 1
- 1 to 1.5
- 1.5 to 2
- 2 to 2.5
- 2.5 to 3
- 3 to 3.5
- 3.5 to 4
- 4 to 4.5
- 4.5 to 5
- 5 to 5.5
- 5.5 to 6
- 6<

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum flood depth in the event of a simultaneous breach across all 10 locations during a 1000yr 2125 scenario including an upper end allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 1000YR (0.1% AEP) 2125 + Upper End Climate Change Allowance: Maximum Breach Flood Depth (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 7

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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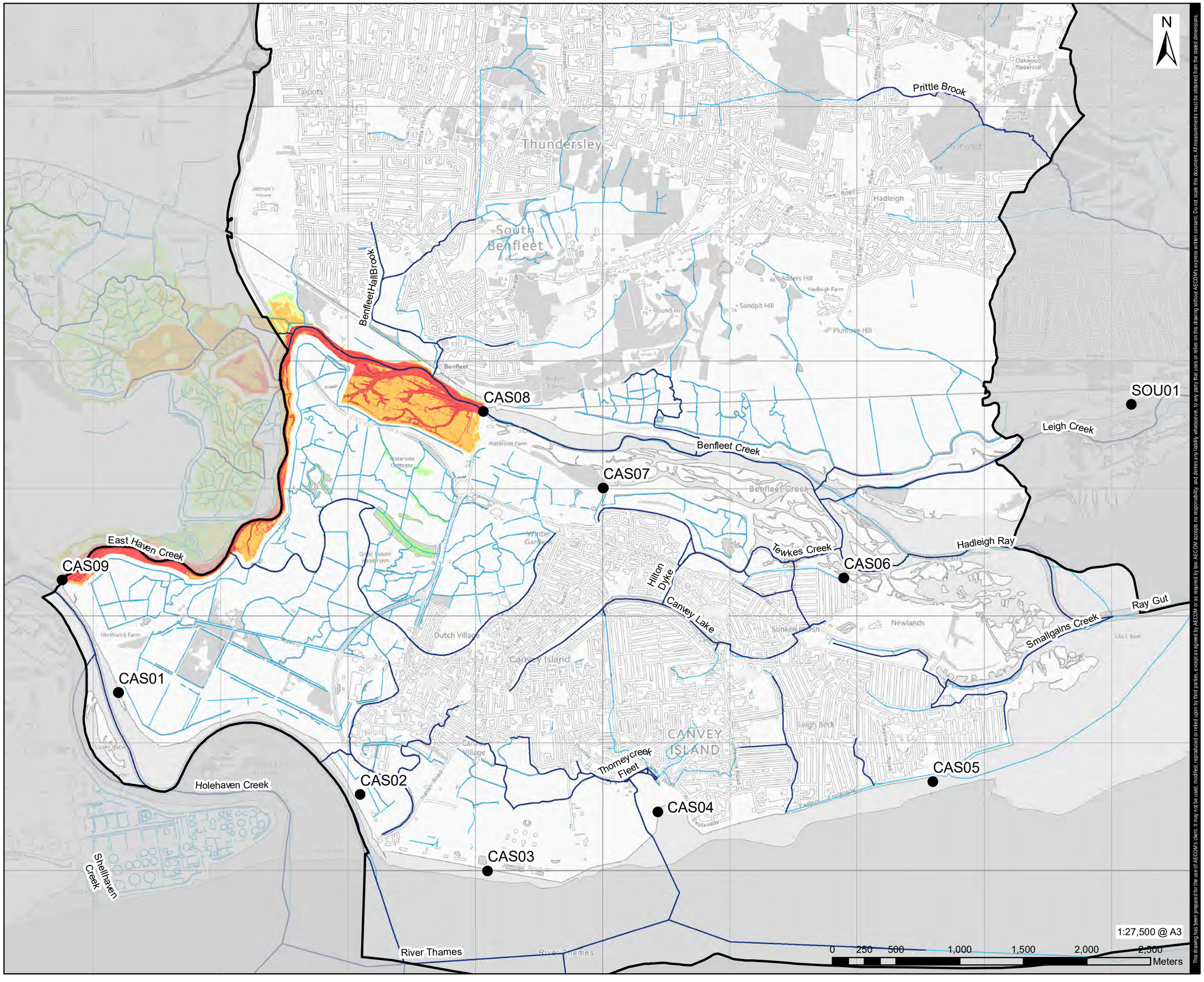

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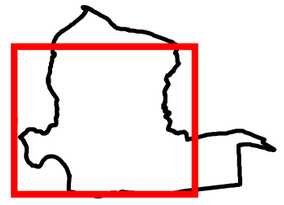
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.5% AEP 2025

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 200yr 2025 scenario.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2025: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 8

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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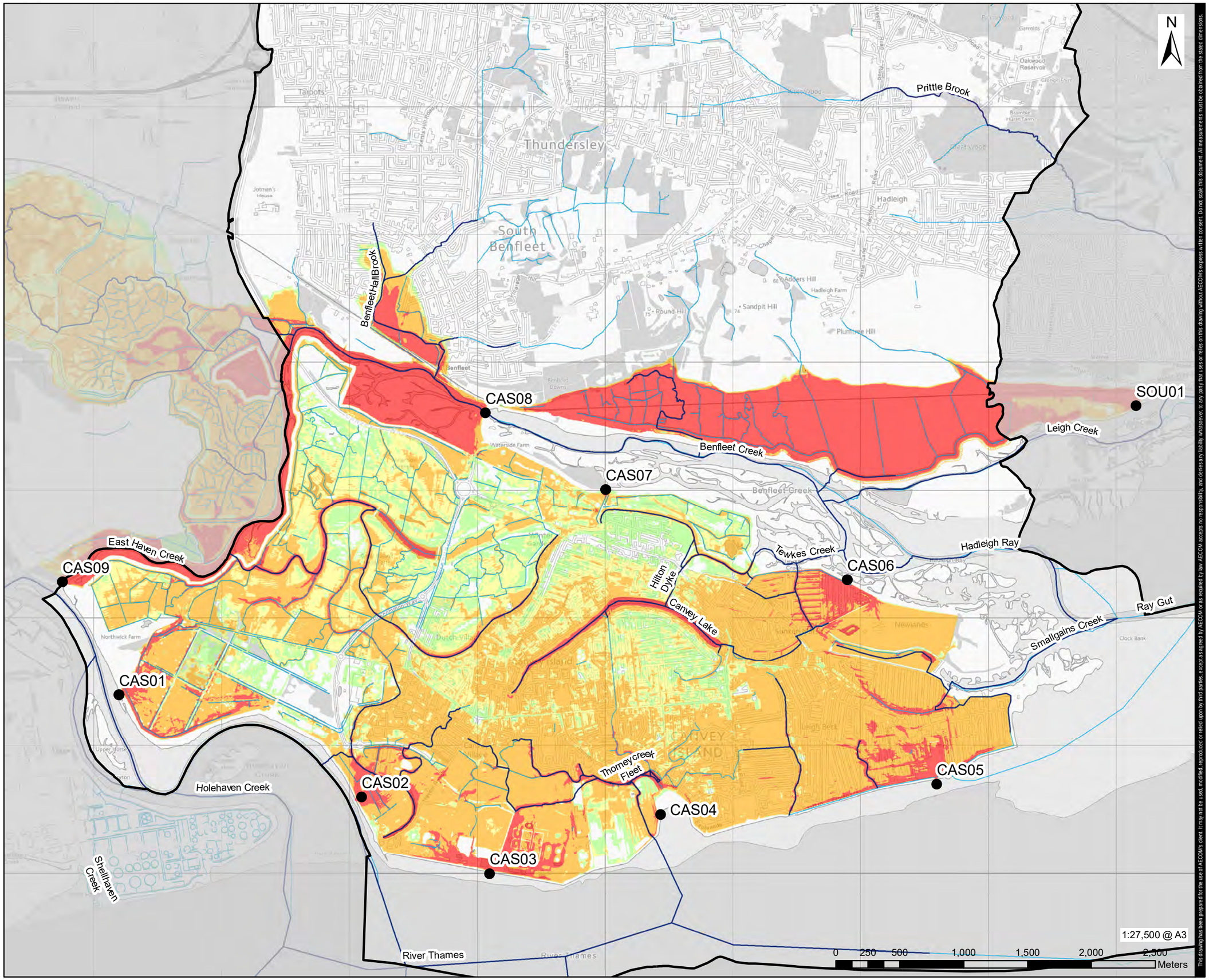

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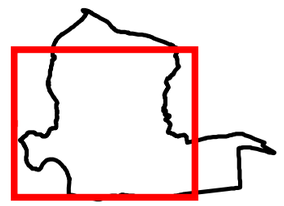
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.5% AEP 2125 Higher Central

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 200yr 2125 scenario including a higher central climate change allowance.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2125 + Higher Central Climate Change Allowance: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 9

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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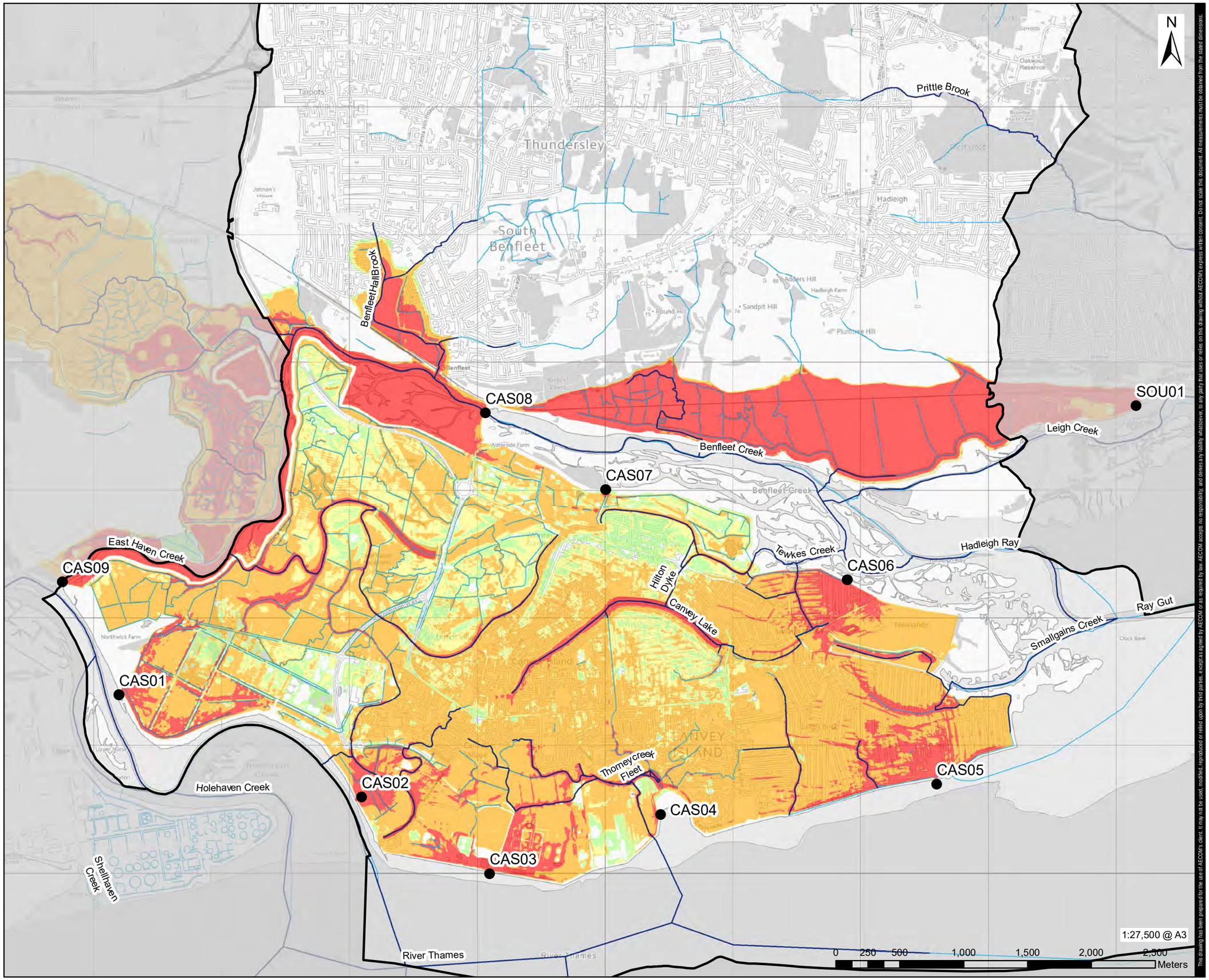

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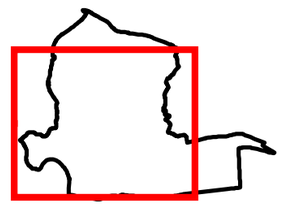
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.5% AEP 2125 Upper End

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 200yr 2125 scenario including an upper end climate change allowance.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 200YR (0.5% AEP) 2125 + Upper End Climate Change Allowance: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 10

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18

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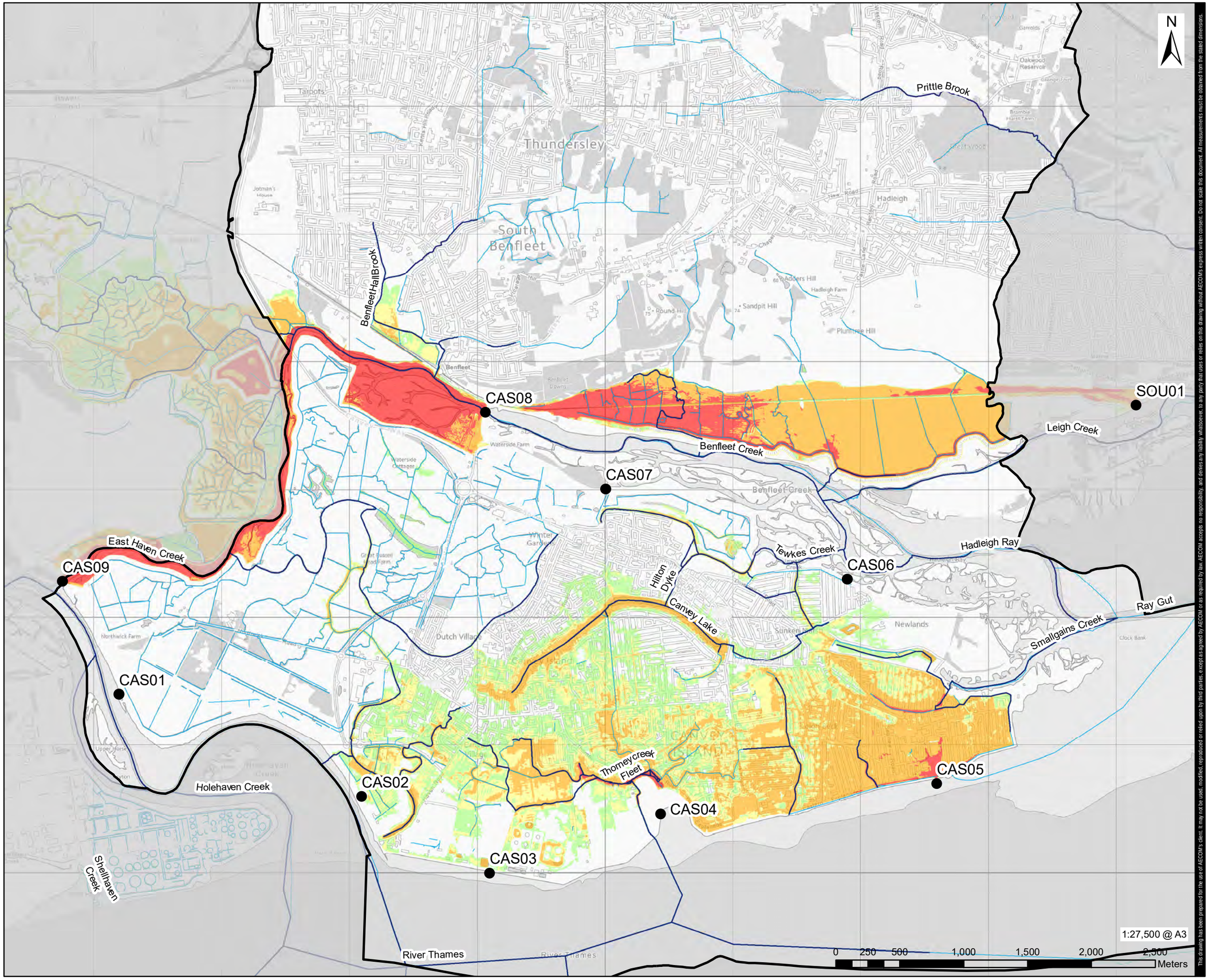

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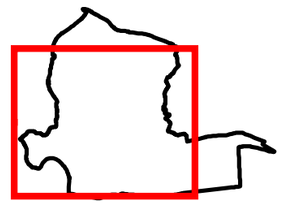
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.1% AEP 2025

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 1000yr 2025 scenario.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

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PROJECT NUMBER

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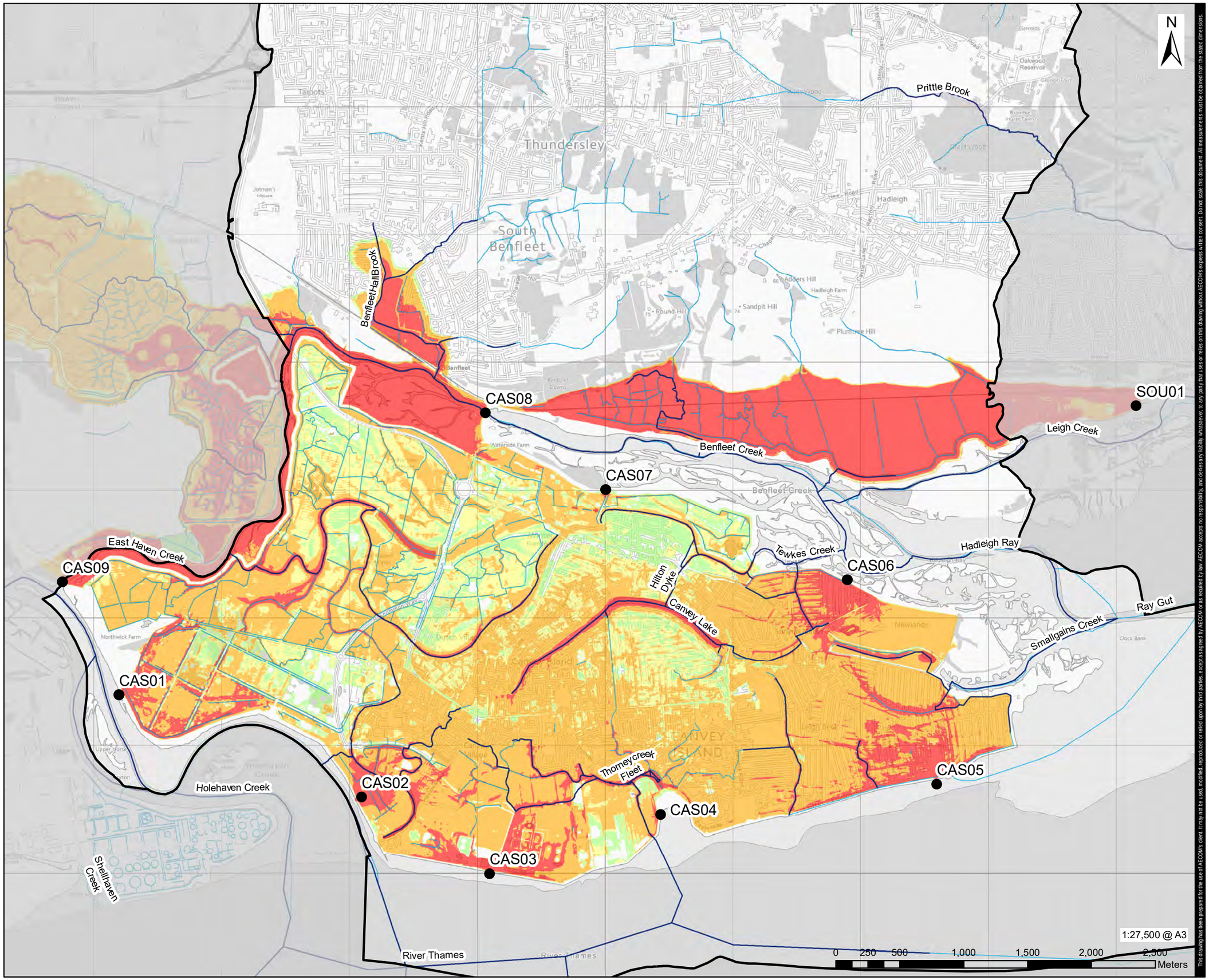
MAP TITLE

Tidal Breach 1000YR (0.1% AEP) 2025: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 11

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18



AECOM

PROJECT

Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

AECOM Limited
Midpoint, Alencon Link,
Basingstoke, Hampshire
RG21 7PP
www.aecom.com

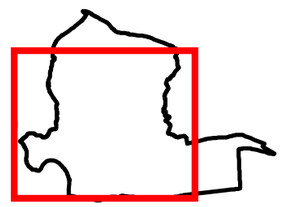
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.1% AEP 2125 Higher Central

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 1000yr 2125 scenario including a higher central allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

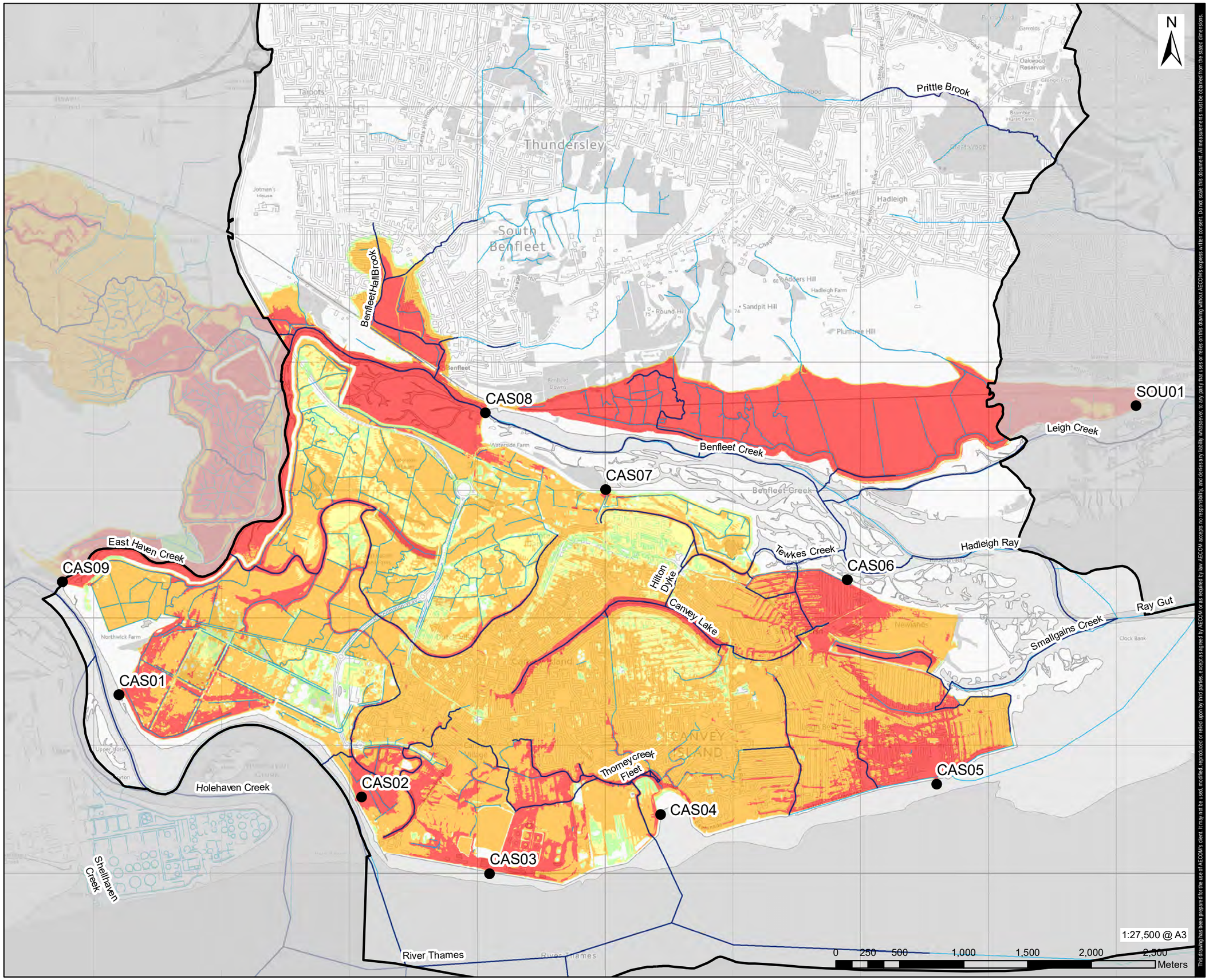
Tidal Breach 1000YR (0.1% AEP) 2125 + Higher Central Climate Change Allowance: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

MAP NUMBER

Appendix D Map 12

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WP\5 - Projects\60725540 - Castle Point SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map11_Breach_1000YR_2125_HC_Hazard_DOP.mxd

Revision: 2 Drawn: LL Checked: BW Approved: RM Date: 2024-11-18



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PROJECT

Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

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Basingstoke, Hampshire
RG21 7PP
www.aecom.com

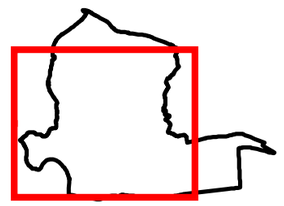
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Locations

Maximum Hazard Rating: 0.1% AEP 2125 Upper End

- Low
- Moderate
- Significant
- Extreme

EXTENT INDICATOR



NOTES

1: This map shows the predicted maximum hazard rating in the event of a simultaneous breach across all 10 locations during a 1000yr 2125 scenario including an upper end allowance for climate change.
2: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach 1000YR (0.1% AEP) 2125 + Upper End Climate Change Allowance: Maximum Breach Hazard Rating (All Locations Modelled Simultaneously)

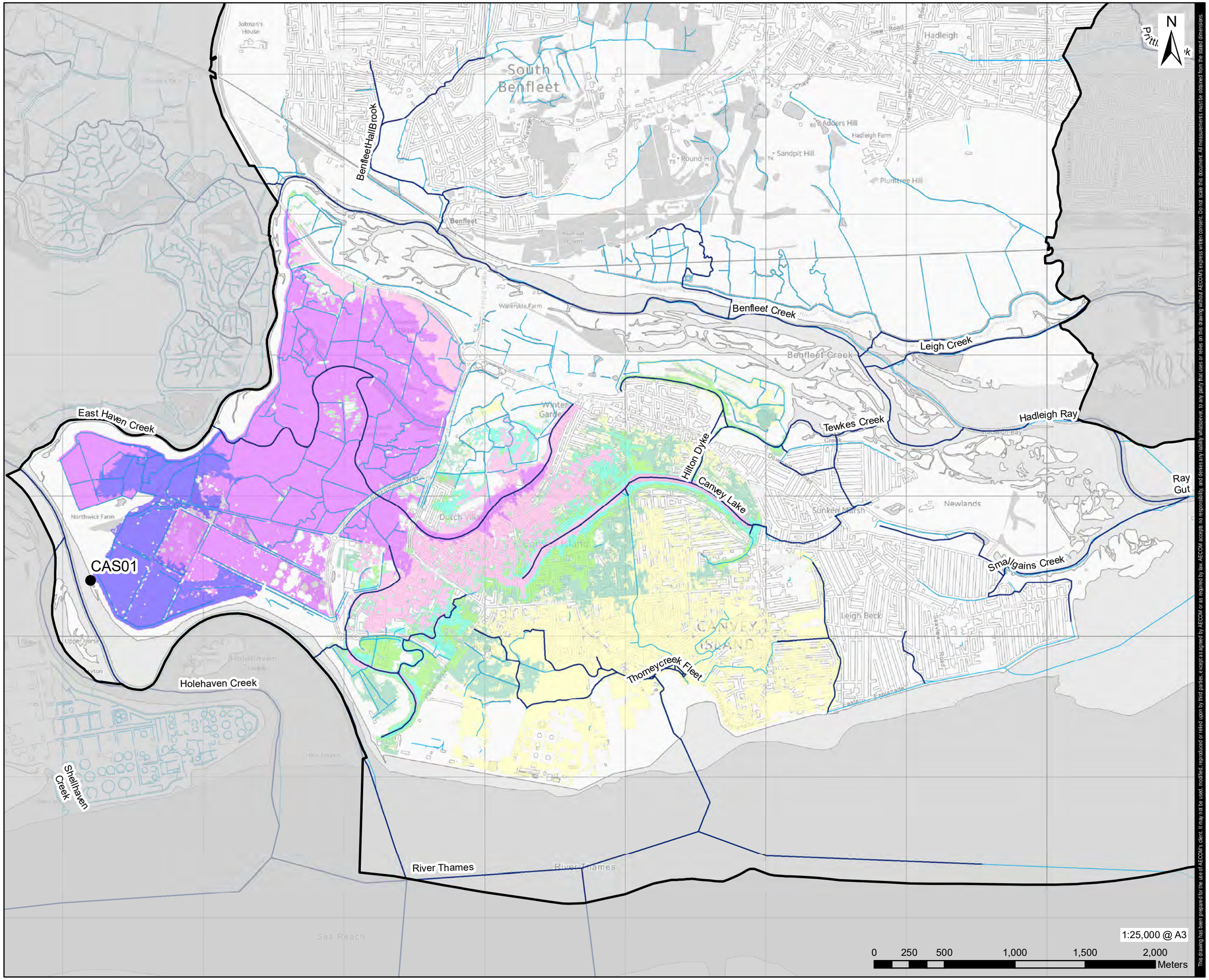
MAP NUMBER

Appendix D Map 13

Filename: \\na.aecomnet.com\fls\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFLLW001\WP\5 - Projects\60725540 - Castle Point SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map12_Breach_1000YR_2125_UE_Hazard_DDP.mxd

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WP\5 - Projects\60725540 - Castle Point SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map14_Breach_CAS01\Inundation_1000YR_2125_UE.mxd



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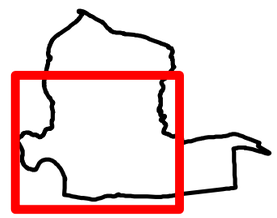
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS01 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

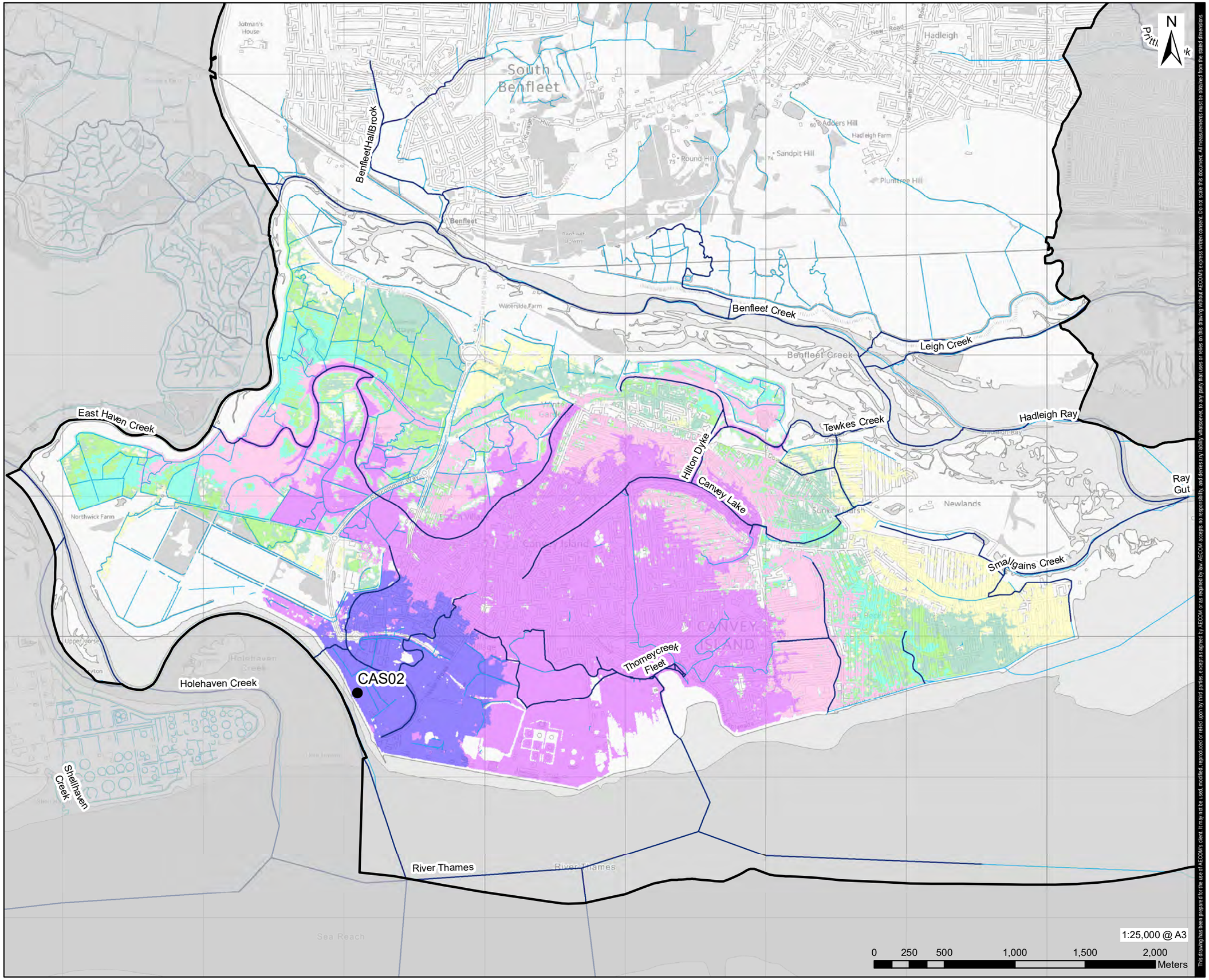
Tidal Breach CAS01 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 14

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map15_Breach_CAS02\Inundation_1000YR_2125_UE.mxd



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Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

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Basingstoke, Hampshire
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www.aecom.com

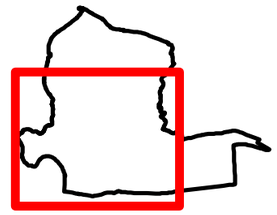
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS02 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

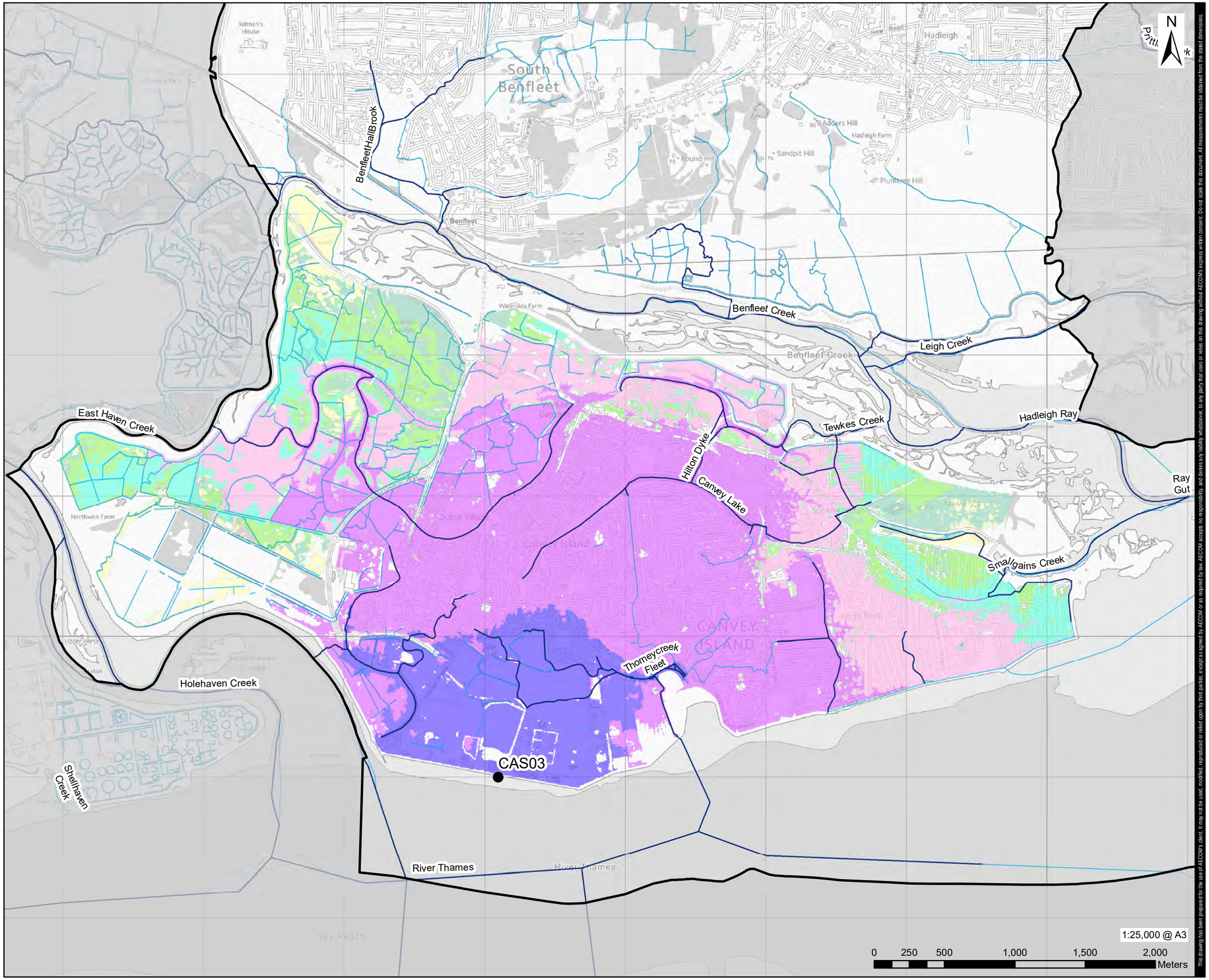
Tidal Breach CAS02 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 15

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map16_Breach_CAS03\Inundation_1000YR_2125_UE.mxd



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Basingstoke, Hampshire
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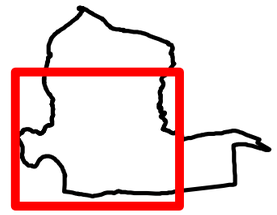
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS03 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

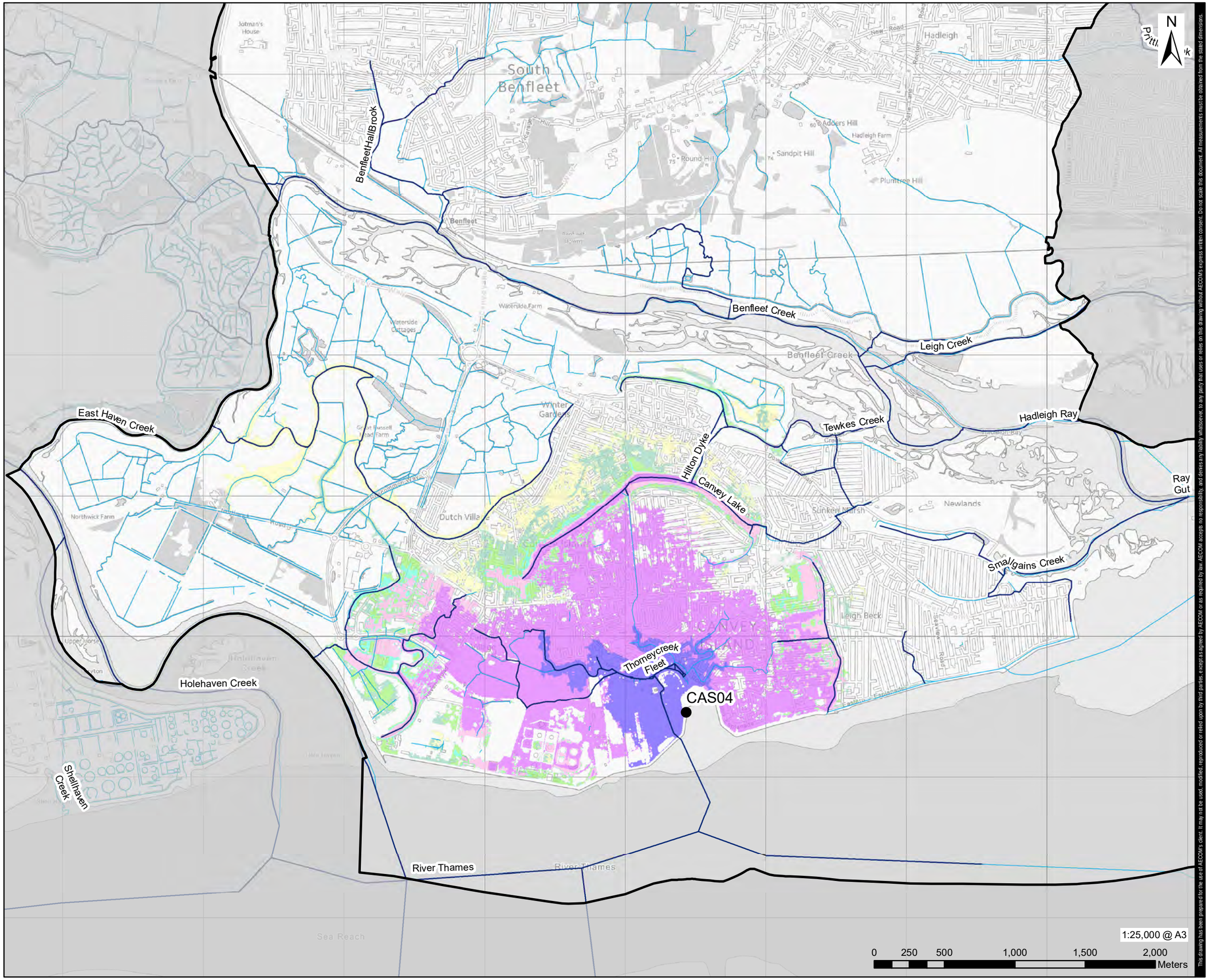
Tidal Breach CAS03 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 16

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\20_GIS\L1_Figures\CPSFRA_L1_Map17_Breach_CAS04\Inundation_1000YR_2125_UE.mxd



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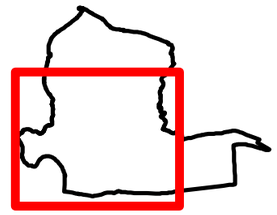
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS04 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

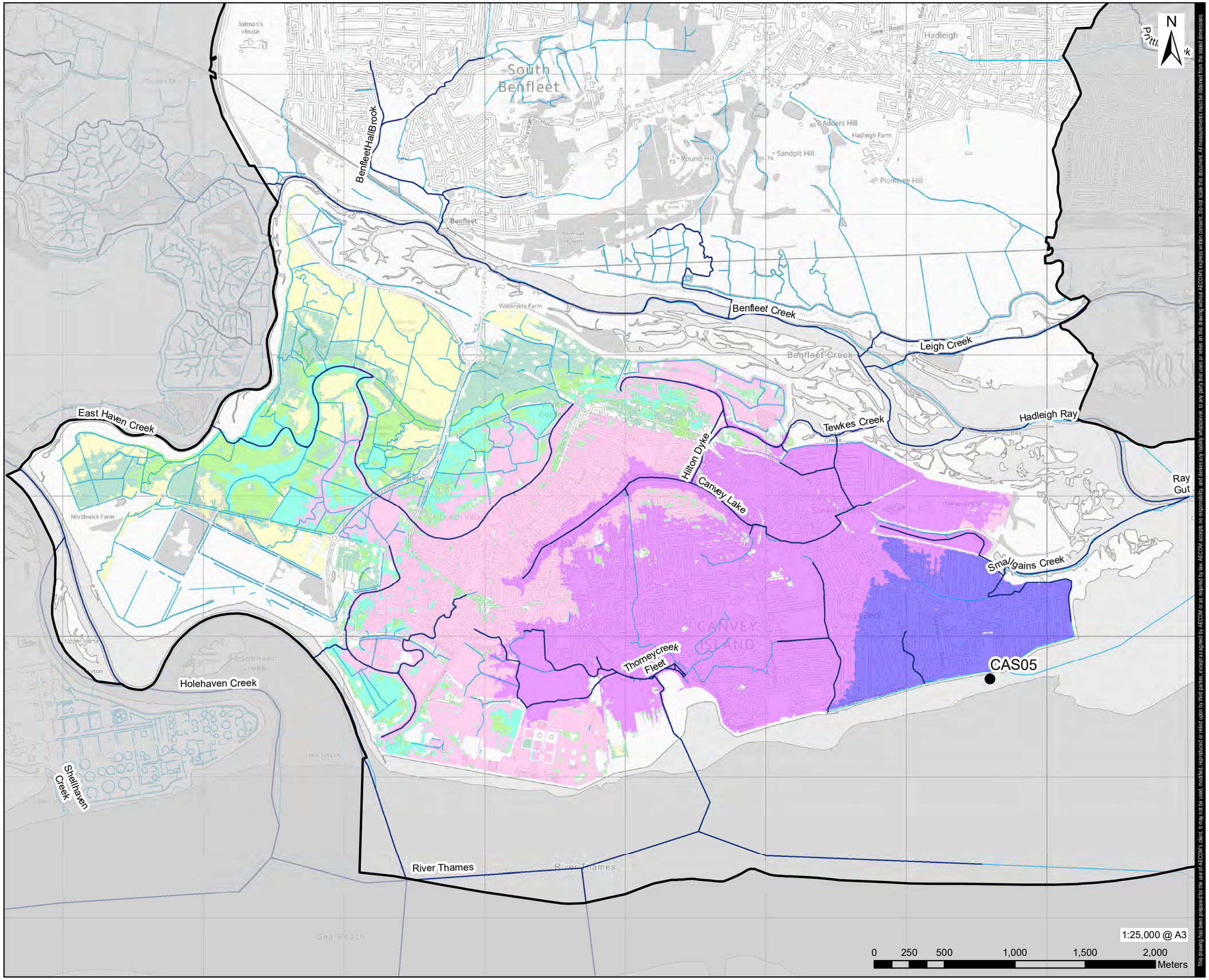
Tidal Breach CAS04 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 17

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map18_Breach_CAS05\Inundation_1000YR_2125_UE.mxd



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Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

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Basingstoke, Hampshire
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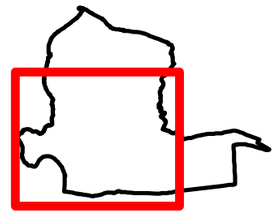
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS05 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

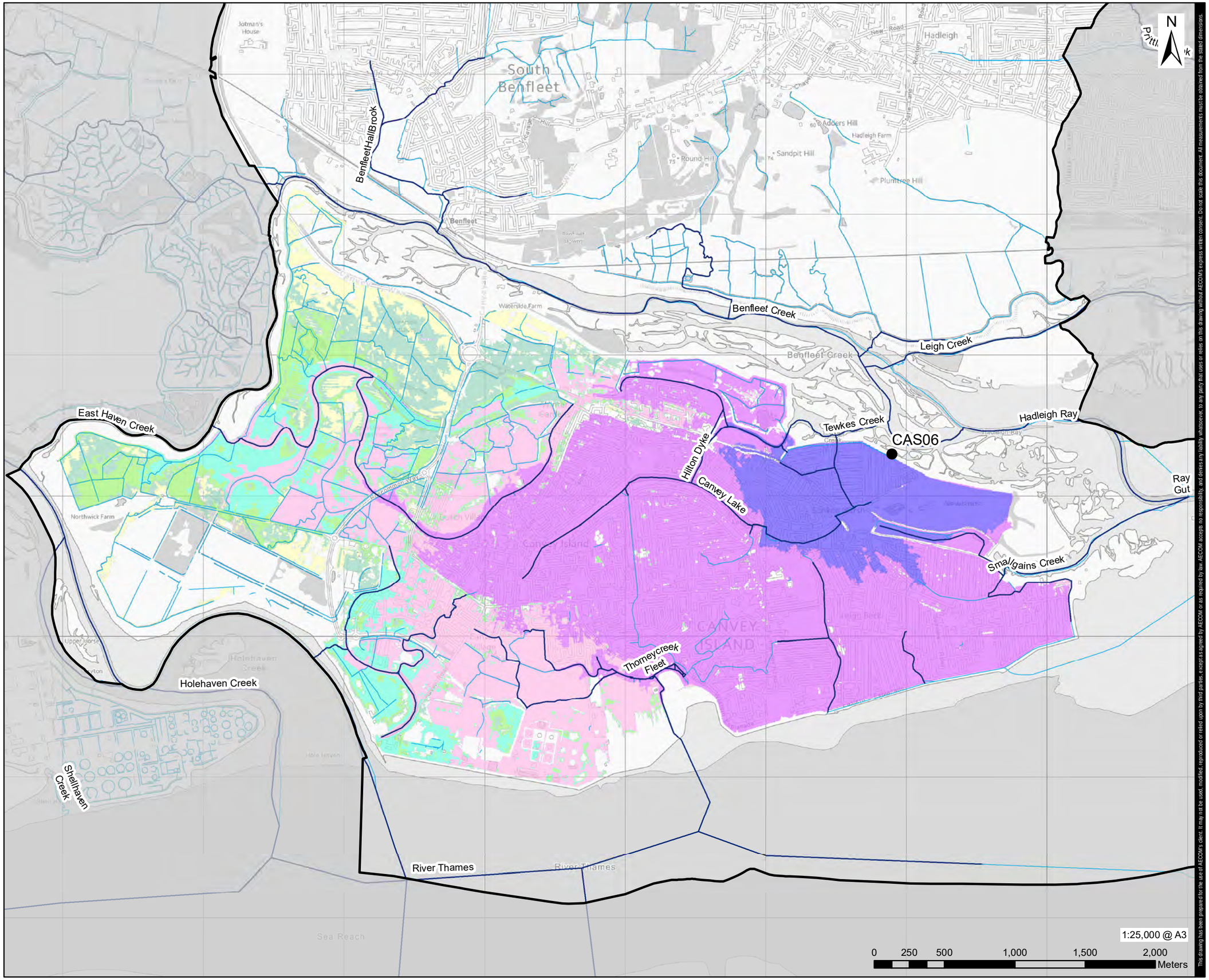
Tidal Breach CAS05 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 18

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFIL\W001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\20_GIS\L1_Figures\CPSFRA_L1_Map19_Breach_CAS06\Inundation_1000YR_2125_UE.mxd



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Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

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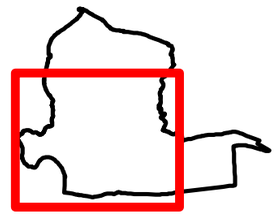
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS06 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

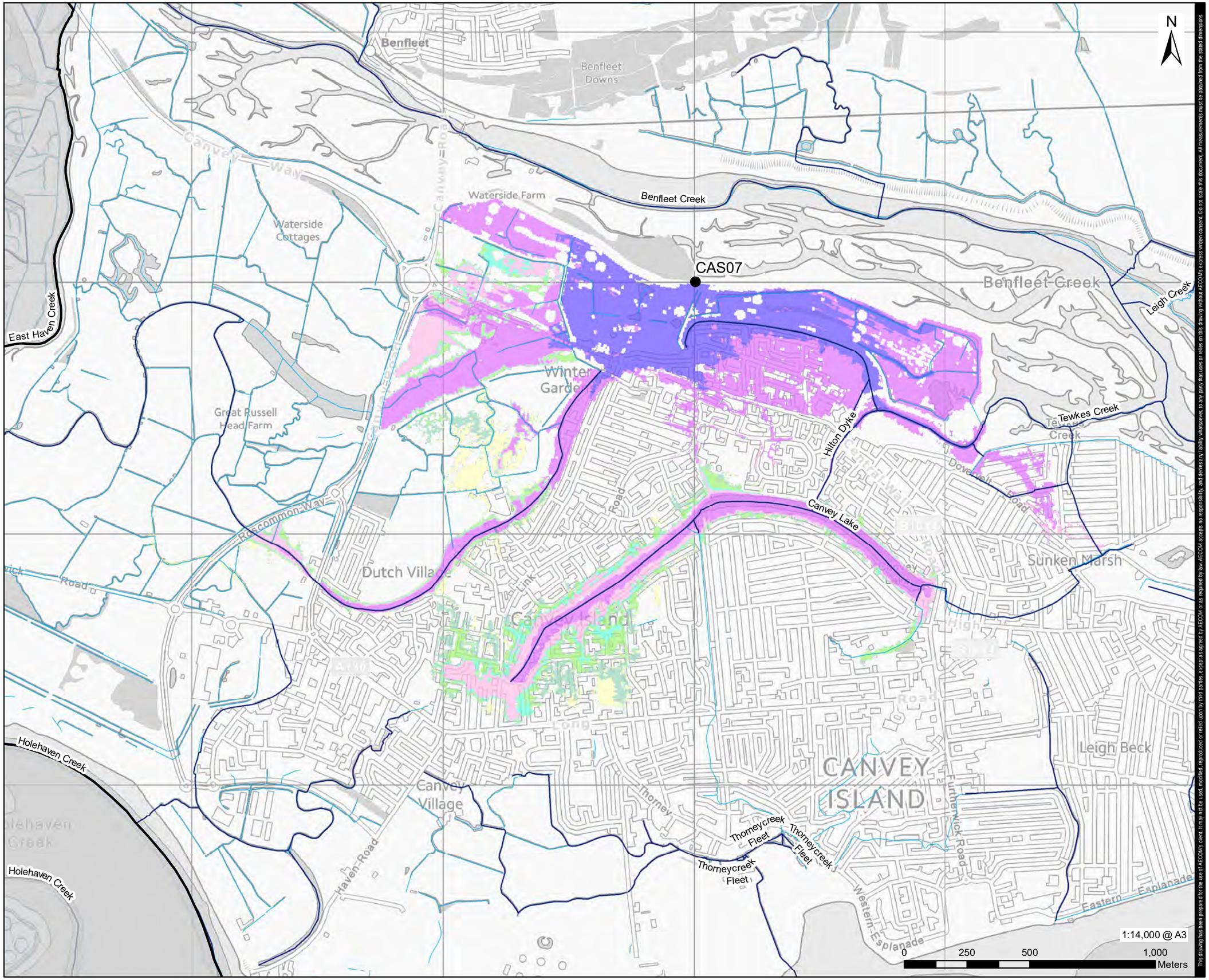
MAP TITLE

Tidal Breach CAS06 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 19

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22



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Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

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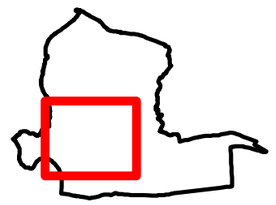
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS07 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

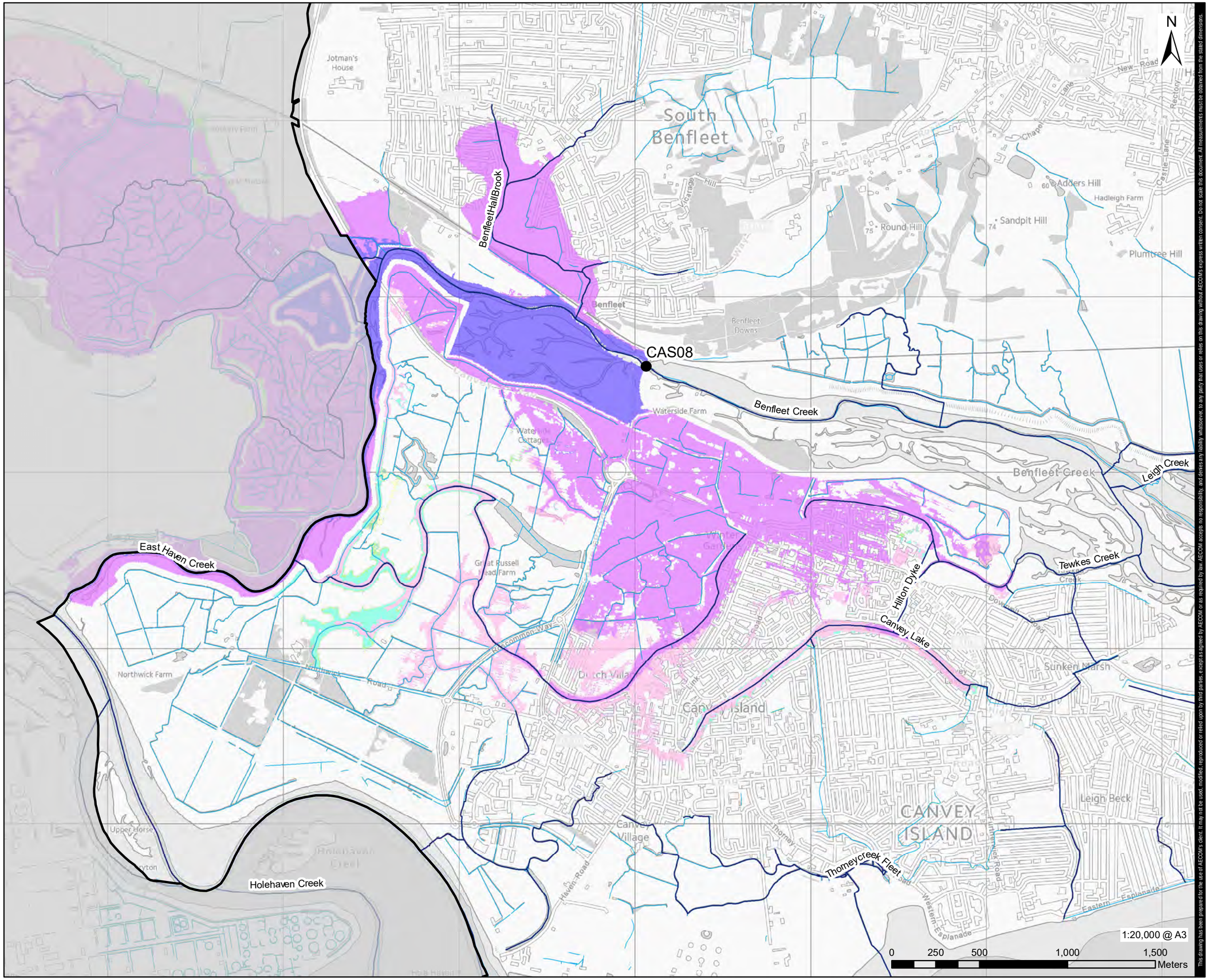
Tidal Breach CAS07 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 20

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFILW0011\WP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map20_Breach_CAS07Inundation_1000YR_2125_UE.mxd

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22



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Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

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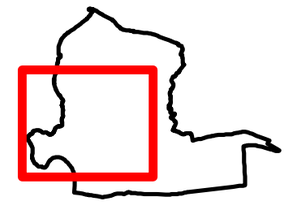
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS08 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach CAS08 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

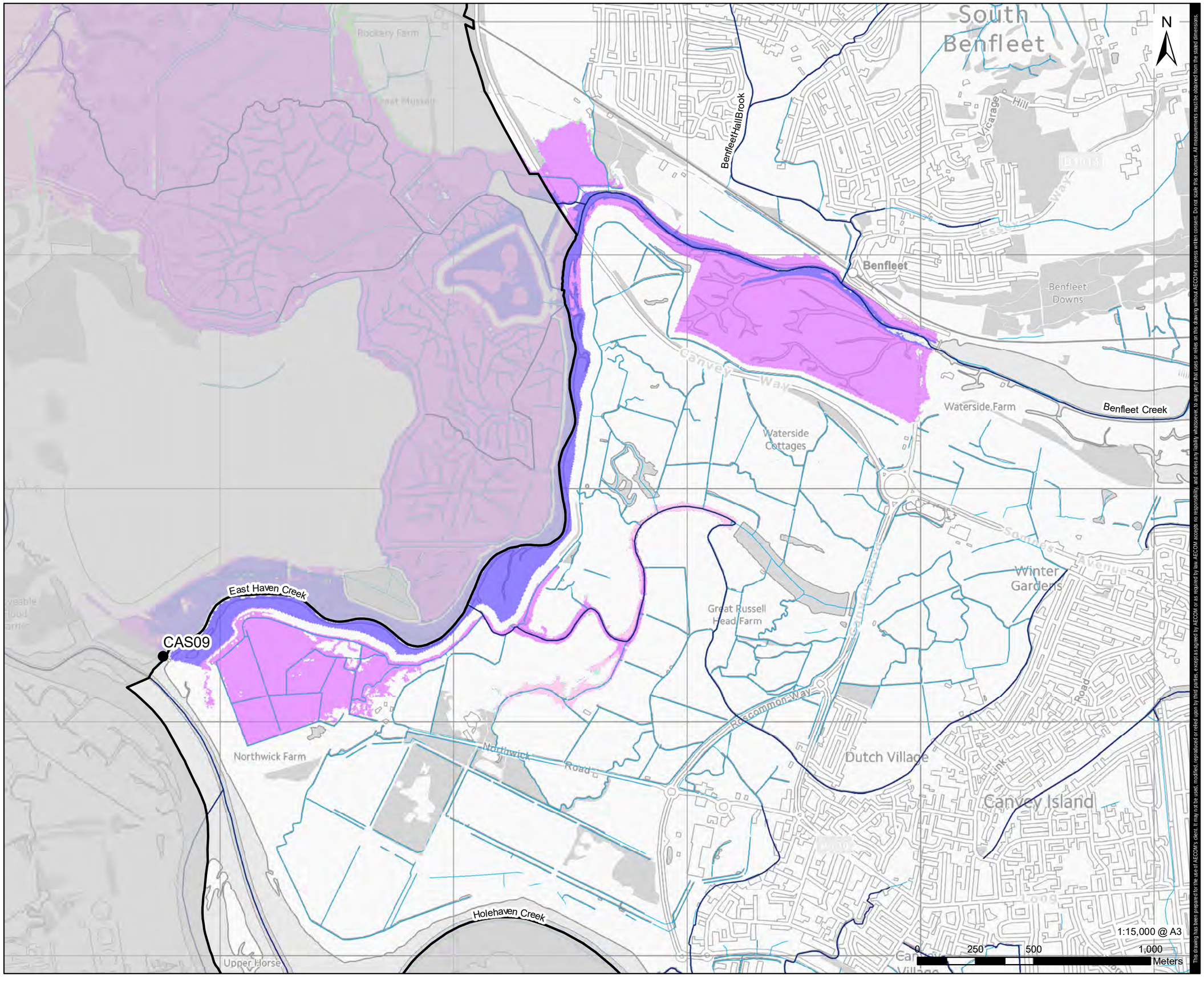
MAP NUMBER

Appendix D Map 21

Filename: \\na.aecomnet.com\fs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFIL\W011\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map21_Breach_CAS08\tunadation_1000YR_2125_UE.mxd

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\ifs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFIL\W001\WPP\5 - Projects\60725540 - Castle Point\SFRA\900_CAD_GIS\900_GIS\L1_Figures\CPSFRA_L1_Map22_Breach_CAS09\tidal_Breach_CAS09_Inundation_1000YR_2125_UE.mxd



AECOM

PROJECT

Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

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Basingstoke, Hampshire
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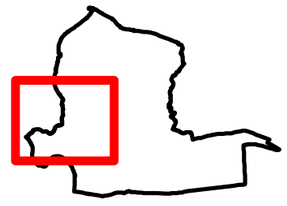
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at CAS09 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

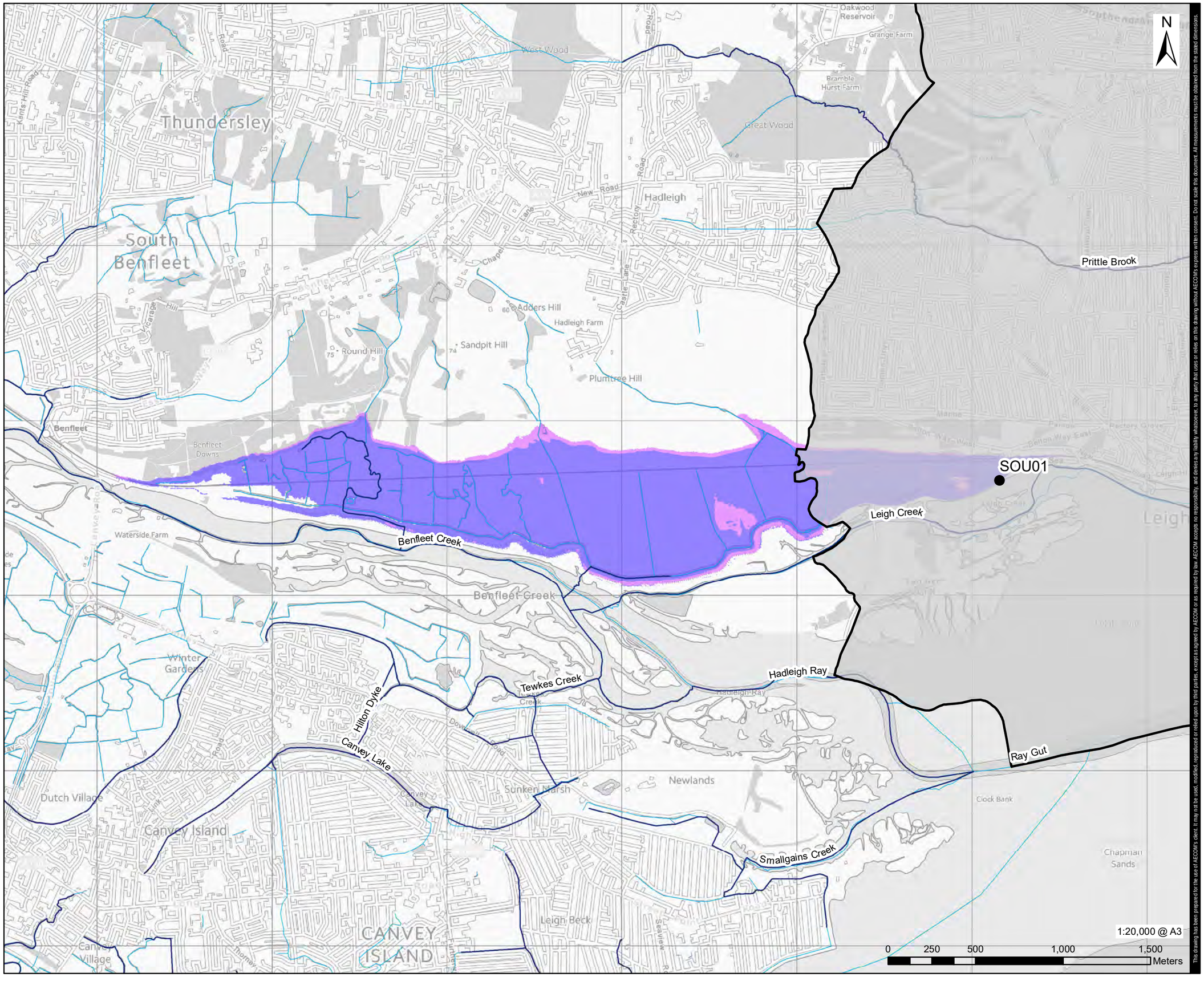
Tidal Breach CAS09 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 22

Revision: 1 Drawn: LL Checked: BW Approved: RM Date: 2025-01-22

Filename: \\na.aecomnet.com\tkEMEA\Basingstoke-UKBAS1\Legacy\UKBAS1\PFIL\W001\WPPG - Projects\60725540 - Castle Point SFRA\800_CAD_GIS\920_GIS\L1_Figures\CPSFRA_L1_Map23_Breach_SOU01\hundation_1000YR_2125_UE.mxd



AECOM

PROJECT

Castle Point Borough Council Level 1 Strategic Flood Risk Assessment

CLIENT

Castle Point Borough Council

CONSULTANT

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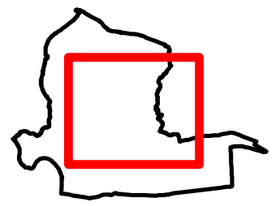
LEGEND

- Castle Point Borough Council
- EA Main River
- Watercourse
- Breach Location

Time to Inundation (Hours)

- <1
- 1 to 4
- 4 to 8
- 8 to 12
- 12 to 16
- 16 to 20
- 20<

EXTENT INDICATOR



NOTES

1: This map shows the predicted time to inundation in the event of a breach at SOU01 during a 1000yr 2125 scenario including an upper end allowance for climate change
2: Time to inundation mapping illustrates the length of time from a breach before floodwaters reach a particular site.
3: Refer to the SFRA report for details of the breach modelling methodology, assumptions and limitations.

ISSUE PURPOSE

SFRA

PROJECT NUMBER

60725540

MAP TITLE

Tidal Breach SOU01 Time to Inundation: 1000YR (0.1% AEP) + Upper End Climate Change Allowance

MAP NUMBER

Appendix D Map 23