

LEGEND

- Administrative Boundaries
- Main River
- Ordinary Watercourse
- ECC Flood Records (Source)

Fluvial and Tidal Flood Zones

- Flood Zone 1 Low Probability
- Flood Zone 2 Medium Probability
- Flood Zone 3a High Probability
- Flood Zone 3b Functional Floodplain
- 1% AEP Fluvial event (0.5% AEP Tidal event plus Climate Change)
- Areas Benefiting from Defences

Asset Information Management System - Defences

- Embankment
- Culvert
- Flood Gate
- Wall
- High Ground

Notes

Main Rivers are designated by Defra on a Main River Map. The Environment Agency has extensive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only. However overall responsibility for maintenance lies with the riparian owner.

The Environment Agency Flood Map for Planning (Rivers and Sea) is available on the Environment Agency website www.gov.uk/environment-agency and displays the risk of flooding based on probability. Flood Zone 1: Land assessed, ignoring the presence of flood defences, as having a less than 0.1% annual probability of fluvial or tidal flooding in any year. Flood Zone 2: Land assessed, ignoring the presence of flood defences, as having between a 0.1% and 0.1% annual probability of fluvial flooding or between a 0.5% and 0.1% annual probability of tidal flooding in any year. Flood Zone 3: Land assessed, ignoring the presence of flood defences, as having a 1% or greater annual probability of fluvial flooding, or 0.5% or greater probability of tidal flooding in any year.

Available modelling outputs accounting for the impact of climate change are mapped for the River Colne, River Stour and tidal Colne and Blackwater Estuary. Further information about these datasets and their use is included in the SFRA Report.

Land that may benefit from the presence of flood defences during a 1% fluvial or 0.5% tidal flood event are shown. These are areas that would flood if the defences were not present, but may not flood because the defences are present. Areas benefiting from flood storage areas may be removed from the flood defence structure.

This map is intended to provide a strategic overview of fluvial and tidal flood risk and should not be used to assess flood risk for individual properties.

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| Revision Details | By | Check | Check Date | Suffix |
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Purpose of Issue **VERSION 1**

Client *Collector, the place to live, learn, work, and visit.*

Project Title **COLCHESTER BOROUGH COUNCIL STRATEGIC FLOOD RISK ASSESSMENT**

Drawing Title **FLOOD ZONE MAPPING**

| Drawn | Checked | Approved | Date |
|-------|---------|----------|----------|
| SL | EG | SK | Aug 2016 |

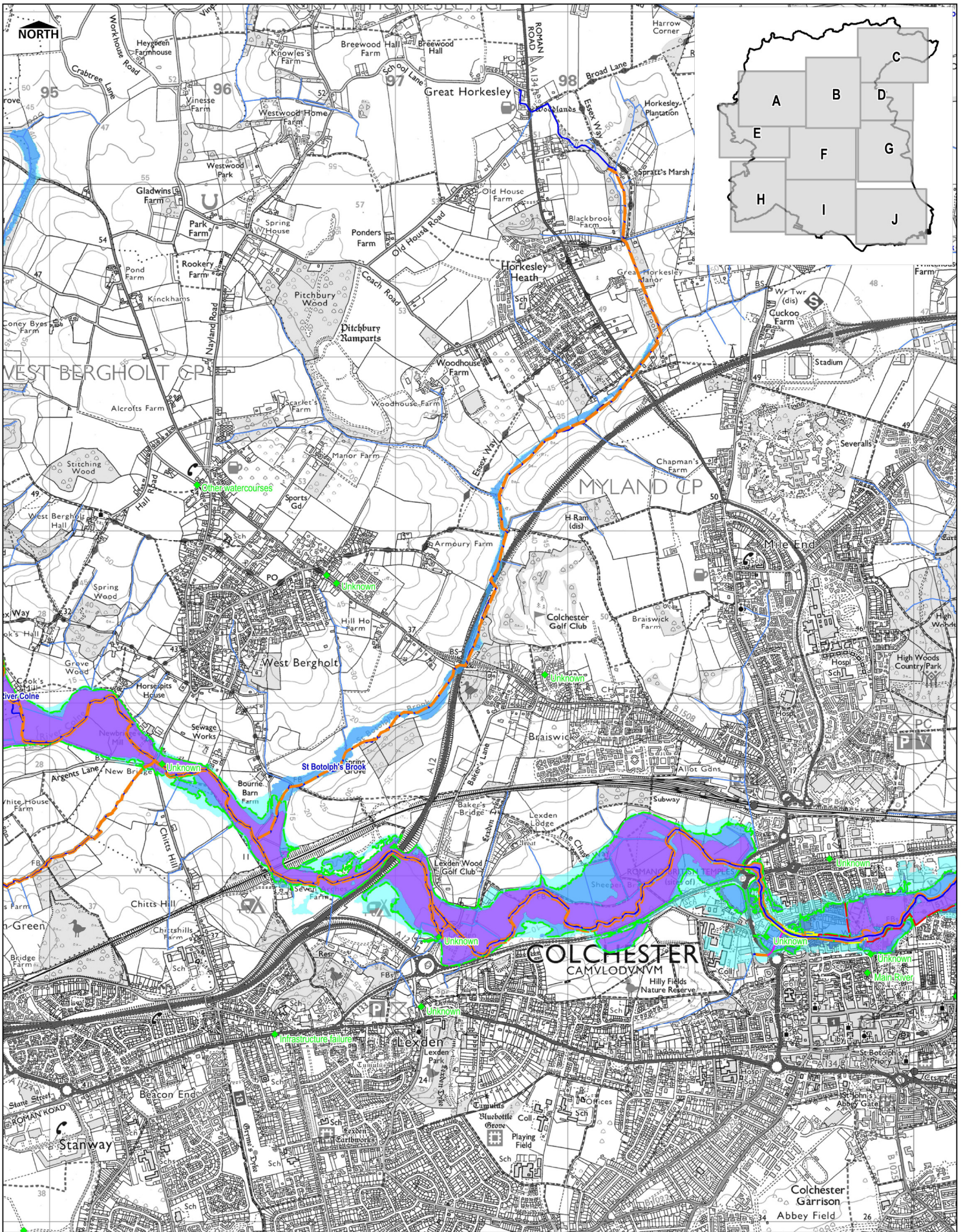
AECOM Internal Project No. **47075262/60473444** Scale at 1:20,000

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Drawing Number **FIGURE 2A** Rev **1**





LEGEND

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- ECC Flood Records (Source)

Asset Information Management System - Defences

- Embankment
- Flood Gate
- High Ground
- Culvert
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Fluvial and Tidal Flood Zones

- Flood Zone 1 Low Probability
- Flood Zone 2 Medium Probability
- Flood Zone 3a High Probability
- Flood Zone 3b Functional Floodplain
- 1% AEP Fluvial event / 0.5% AEP Tidal event plus Climate Change
- Areas Benefitting from Defences

NOTES

The Environment Agency Flood Map for Planning (Rivers and Sea) is available on the Environment Agency website (www.gov.uk/environment-agency) and displays the risk of flooding based on probability. Flood Zone 1: Land assessed, ignoring the presence of flood defences, as having a less than 0.1% annual probability of fluvial or tidal flooding in any year. Flood Zone 2: Land assessed, ignoring the presence of flood defences, as having between a 0.1% and 0.1% annual probability of fluvial flooding, or between a 0.5% and 0.1% annual probability of tidal flooding in any year. Flood Zone 3: Land assessed, ignoring the presence of flood defences, as having a 1% or greater annual probability of fluvial flooding, or 0.5% or greater probability of tidal flooding in any year. Available modelling outputs accounting for the impact of climate change are mapped for the River Colne, River Stour and tidal Colne and Blackwater Estuary. Further information about these datasets and their use is included in the SFRA Report.

Land that may benefit from the presence of flood defences during a 1% fluvial or 0.5% tidal flood event are shown. These are areas that would flood if the defences were not present, but may not flood because the defence is present. Areas benefiting from flood storage areas may be removed from the flood defence structure. This map is intended to provide a strategic overview of fluvial and tidal flood risk and should not be used to assess flood risk for individual properties.

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Project Title: COLCHESTER BOROUGH COUNCIL STRATEGIC FLOOD RISK ASSESSMENT UPDATE

Drawing Title: FLOOD ZONE MAP

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| Drawn | SL | Version | 1 |
| Checked | EG | Date | Aug 2016 |
| Approved | SK | Scale at A3 | 1:20,000 |

Drawing Number: FIGURE 2B

Rev: 01

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- LEGEND**
- Administrative Boundaries
 - Main River
 - Ordinary Watercourse
 - ECC Flood Records (Source)
 - Fluvial and Tidal Flood Zones
 - Flood Zone 1: Low Probability
 - Flood Zone 2: Medium Probability
 - Flood Zone 3a: High Probability
 - Flood Zone 3b: Functional Floodplain
 - 1% AEP Fluvial event / 0.2% AEP Tidal event plus Climate Change
 - Areas Benefiting from Defences
 - Asset Information Management System - Defences
 - Enbankment
 - Flood Gate
 - Wall
 - High Ground
 - Culvert

Notes

Main Rivers are designated by Dales on a Main River Map. The Environment Agency has permission to carry out flood defence works, maintenance and operational activities for Main Rivers only. However, the Environment Agency does not have permission to carry out such works on small watercourses or streams. The Environment Agency Flood Map for Planning (Rivers and Sea) is available on the Environment Agency website www.environment-agency.gov.uk.

The Environment Agency Flood Map for Planning (Rivers and Sea) is available on the Environment Agency website www.environment-agency.gov.uk.

Flood Zone 1: Areas assessed, showing the presence of flood in any year. Flood Zone 2: Areas assessed, showing the presence of flood in any year. Flood Zone 3: Areas assessed, showing the presence of flood in any year. Flood Zone 3a: Areas assessed, showing the presence of flood in any year. Flood Zone 3b: Areas assessed, showing the presence of flood in any year. Flood Zone 3c: Areas assessed, showing the presence of flood in any year.

Available modelling outputs, accounting for the impact of climate change, are shown in the Flood Zone 1, 2 and 3a maps. Further information about these datasets and their use is included in the SRA Report.

Small flood risk head from the presence of flood defences during a 1% AEP of 0.2% tidal flood event are shown. These areas are not flood defences but areas where flood defences are present. These areas may be identified as areas where flood defences are present. These areas may be identified as areas where flood defences are present.

This map is intended to provide a strategic overview of fluvial and tidal flood risk and should not be used to assess flood risk for individual properties.

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| Revision/Date | By | Check | Date | Site |
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VERSION 1

Client: [Colchester, the place to live, learn, work, and visit.](http://www.colchester.gov.uk)

Project Title: **COLCHESTER BOROUGH COUNCIL STRATEGIC FLOOD RISK ASSESSMENT**

Drawing Title: **FLOOD ZONE MAPPING**

| Drawn | Checked | Approved | Date |
|-------|---------|----------|------|
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Scale at 1:50,000
Scale at 1:25,000
Scale at 1:10,000

ACORN Project No. 4703262/60473444
1/20/00

ACORN Infrastructure & Environment UK Limited
AECOM

Drawn Number: 1

