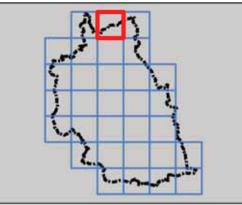


0.325

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm 2

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)



100yr+35% allowance for CC (2080s)

100yr+70% allowance for CC (2080s)



1000yr+sea level rise allowance (2115)



The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

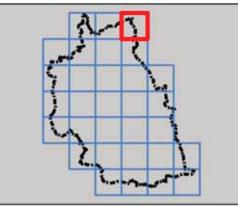
The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0.325 0.65 1.3 □ km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_3

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)

200yr+sea

level rise



allowance (2115) (2100) (210) (2100) (200) (



CC (2080s)

1000yr+sea level rise allowance (2115)



The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

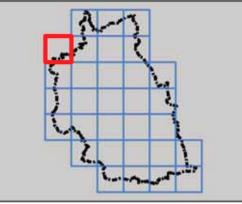
The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0.325 0.65 1.3

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm 4

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)

200yr+sea

level rise













Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 5 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. 0.325 0.65 km

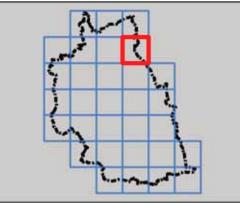
CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 6 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. □ km

0.325 1.3 Borsham Airfield □ km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_7

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)

200yr+sea

level rise

allowance



(2115)
1000yr+sea
level rise



level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 8 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** Boyton Cross The climate change map shows the potential impacts that Boggis Fam climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. □ km

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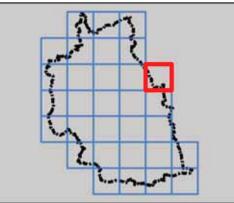
CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 12 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) ETEL Culous **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. □ km

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APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm 13

Version no.	Date	Comment
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v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)



100yr+35% allowance for



1000yr+sea level rise allowance (2115)

(2115)

200yr+sea

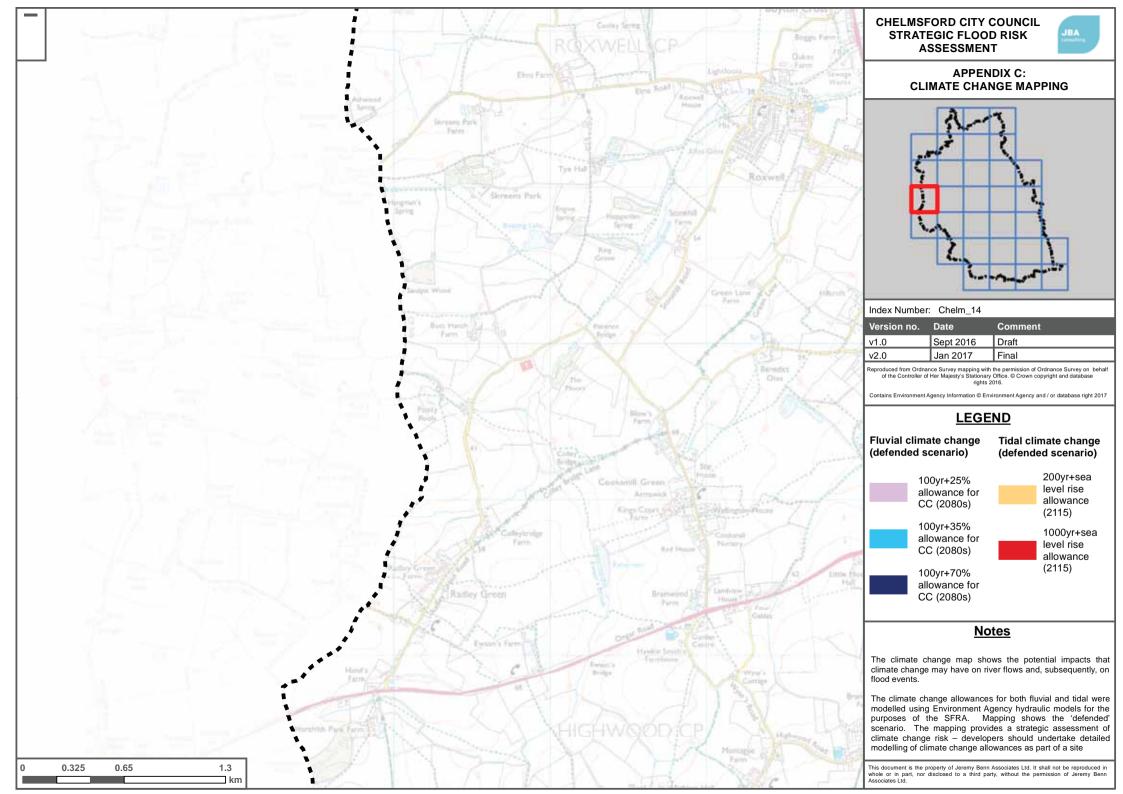
level rise

allowance

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site



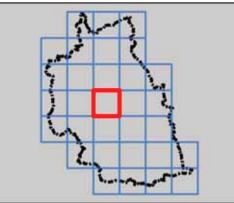
CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 15 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for E biotle level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' Hylands Park scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. km Jordan x

flood events. 0.325 0.65 Great Baddow

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APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_16

	Version no.	Date	Comment
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d	v2.0	Jan 2017	Final

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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)

200yr+sea









allowance for CC (2080s)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 17 Version no. Date Sept 2016 Draft v1.0 Jan 2017 Final v2.0 Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change (defended scenario) 100yr+25% allowance for CC (2080s) 100yr+35% allowance for CC (2080s) 100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. km

Comment

Tidal climate change

(defended scenario)

200yr+sea

1000yr+sea

level rise

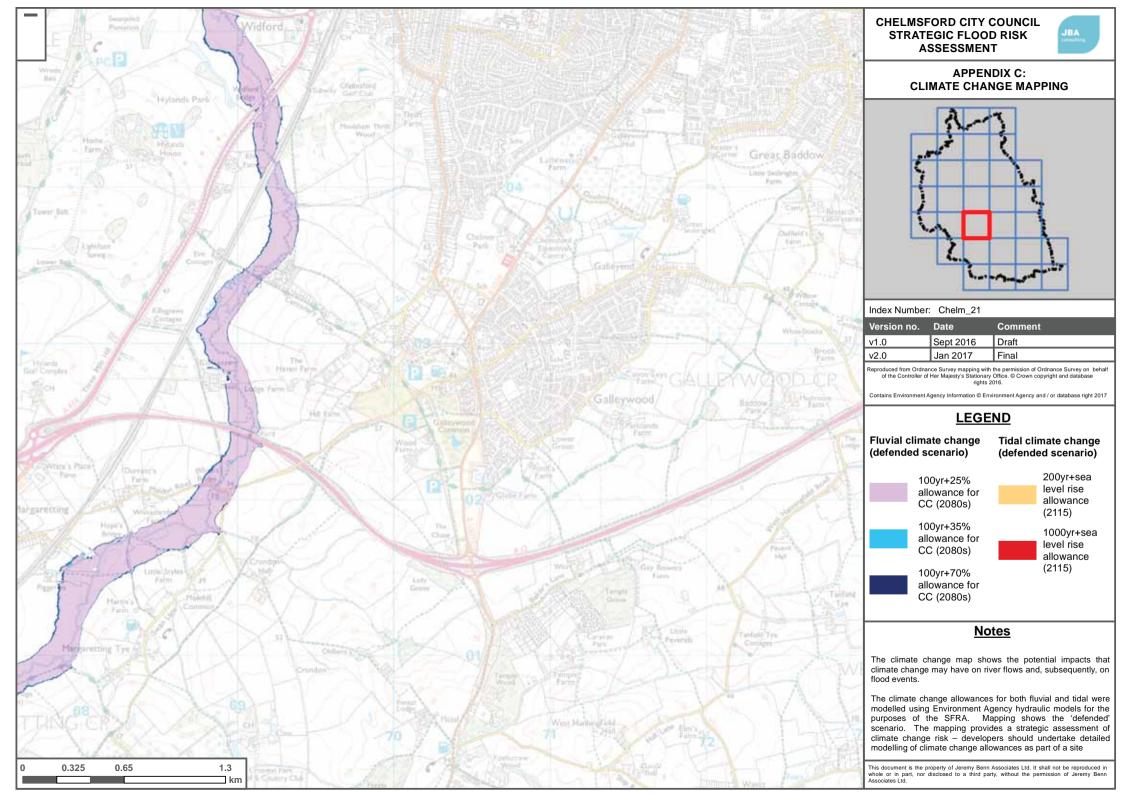
allowance (2115)

level rise allowance (2115)

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 18 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for allowance CC (2080s) (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd.

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK Bridge ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Loves Green Blest Farm. Wittels Early Index Number: Chelm 19 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for allowance CC (2080s) (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. 0.325 0.65 1.3 □ km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK **ASSESSMENT APPENDIX C: CLIMATE CHANGE MAPPING** Hylanda Park -Nathan's Lave Farm Westie Park Index Number: Chelm 20 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for allowance CC (2080s) Margaretting (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' Hirgansking scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. □ km



CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Great Baddov Farmi; Index Number: Chelm 22 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance Little Citydom (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd.

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CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 26 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd.

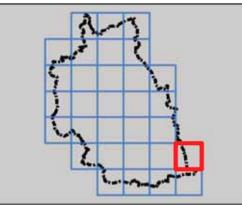
CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 27 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for CC (2080s) allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site 0.325 0.65 1.3 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd.

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CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



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v1.0	Sept 2016	Draft
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LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)



100yr+35% allowance for CC (2080s)



200yr+sea level rise allowance (2115)





The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

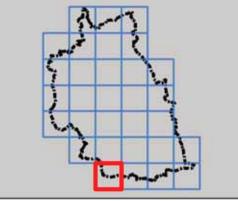
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CHELMSFORD CITY COUNCIL ASSESSMENT orty Acre Plantation Index Number: Chelm 29 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) 100yr+25% allowance for CC (2080s) 100yr+35% allowance for CC (2080s) 100yr+70% allowance for CC (2080s) **Notes** flood events. 0.325 0.65 1.3 □ km

STRATEGIC FLOOD RISK



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(2115)



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CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 30 Version no. Date Comment Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% level rise allowance for allowance CC (2080s) (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. 0.325 0.65 1.3 □ km

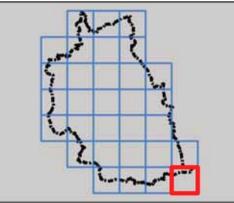
CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT **APPENDIX C: CLIMATE CHANGE MAPPING** Index Number: Chelm 31 Date Comment Version no. Sept 2016 Draft v1.0 v2.0 Jan 2017 Final Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright and database rights 2016. Contains Environment Agency Information © Environment Agency and / or database right 2017 **LEGEND** Fluvial climate change Tidal climate change (defended scenario) (defended scenario) 200yr+sea 100yr+25% allowance for CC (2080s) level rise allowance (2115)100yr+35% 1000yr+sea allowance for level rise CC (2080s) allowance (2115)100yr+70% allowance for CC (2080s) **Notes** The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of Jeremy Benn Associates Ltd. 0.325 0.65 1.3 □ km

flood events. 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT



APPENDIX C: CLIMATE CHANGE MAPPING



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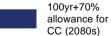
LEGEND

Fluvial climate change (defended scenario)

Tidal climate change (defended scenario)

100yr+25% allowance for CC (2080s)

100yr+35% allowance for CC (2080s)



200yr+sea level rise allowance (2115)





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