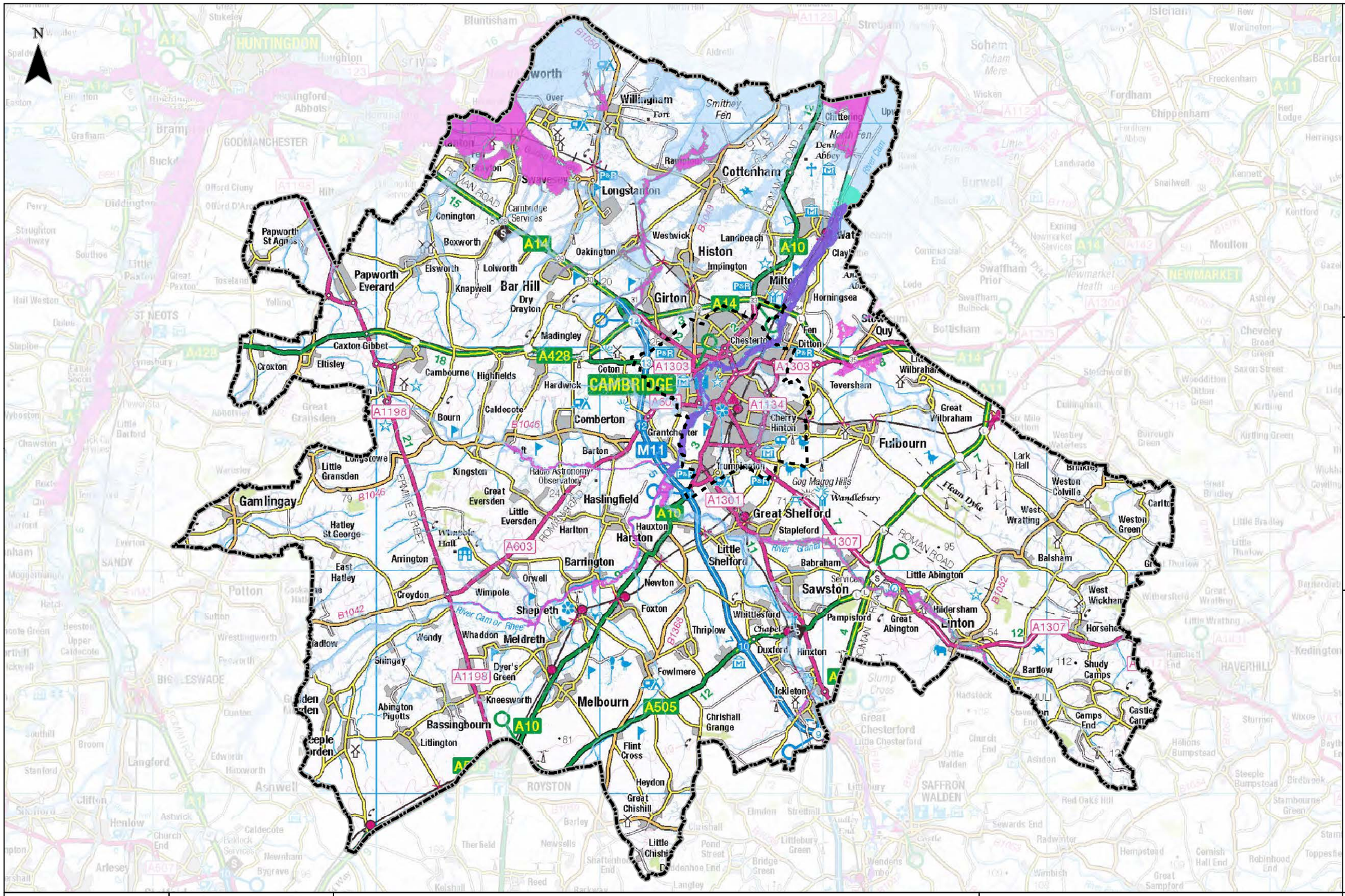
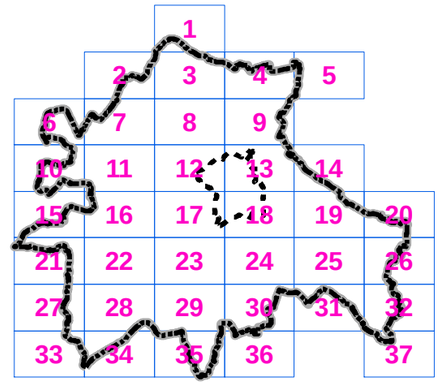




Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

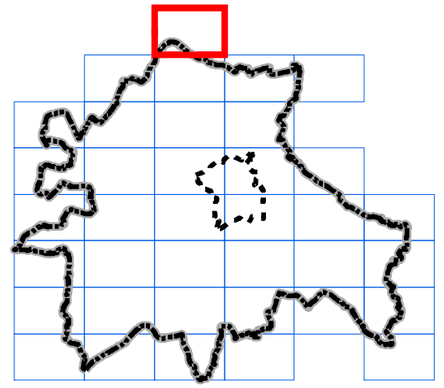
Greater Cambridge Integrated Water Management Study

Modelled Climate Change Flood Extents

0 7.5 15 km

Sheet Number:	1:180,000 @ A3	Date: 06/08/2021
Master	Drawn: MD	Checked: PJ
	Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents [Master].mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

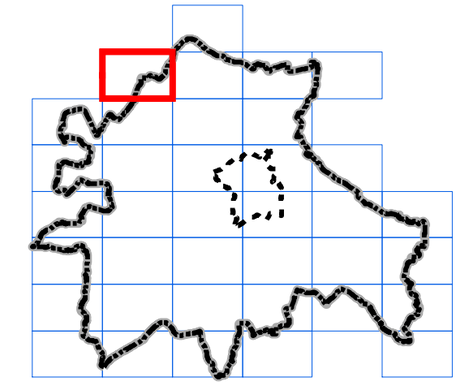
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 1 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

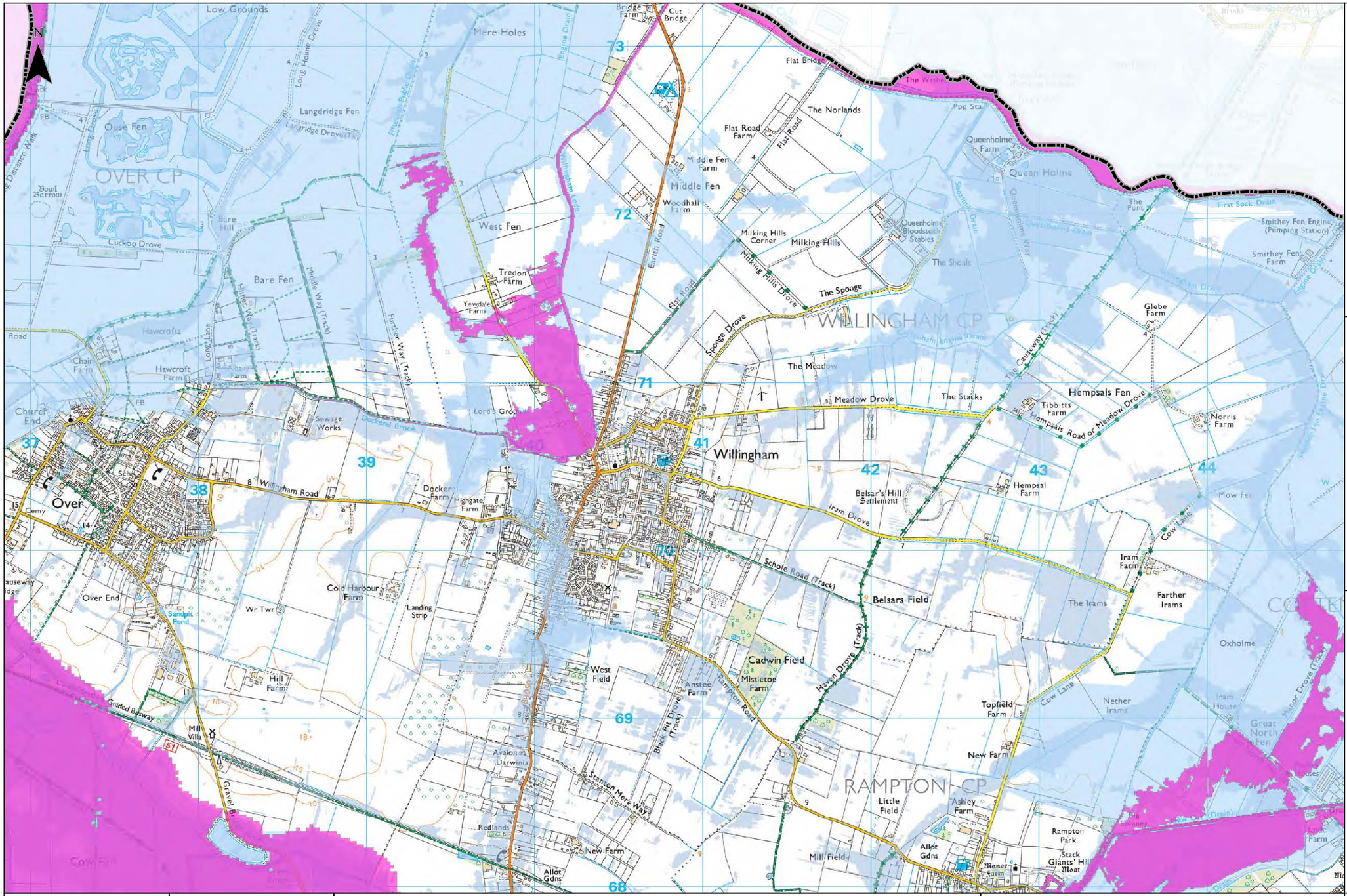
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 2 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

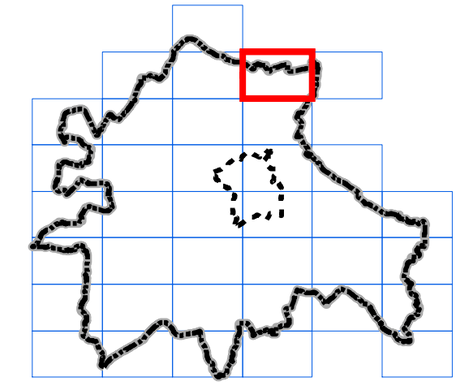
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 3 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

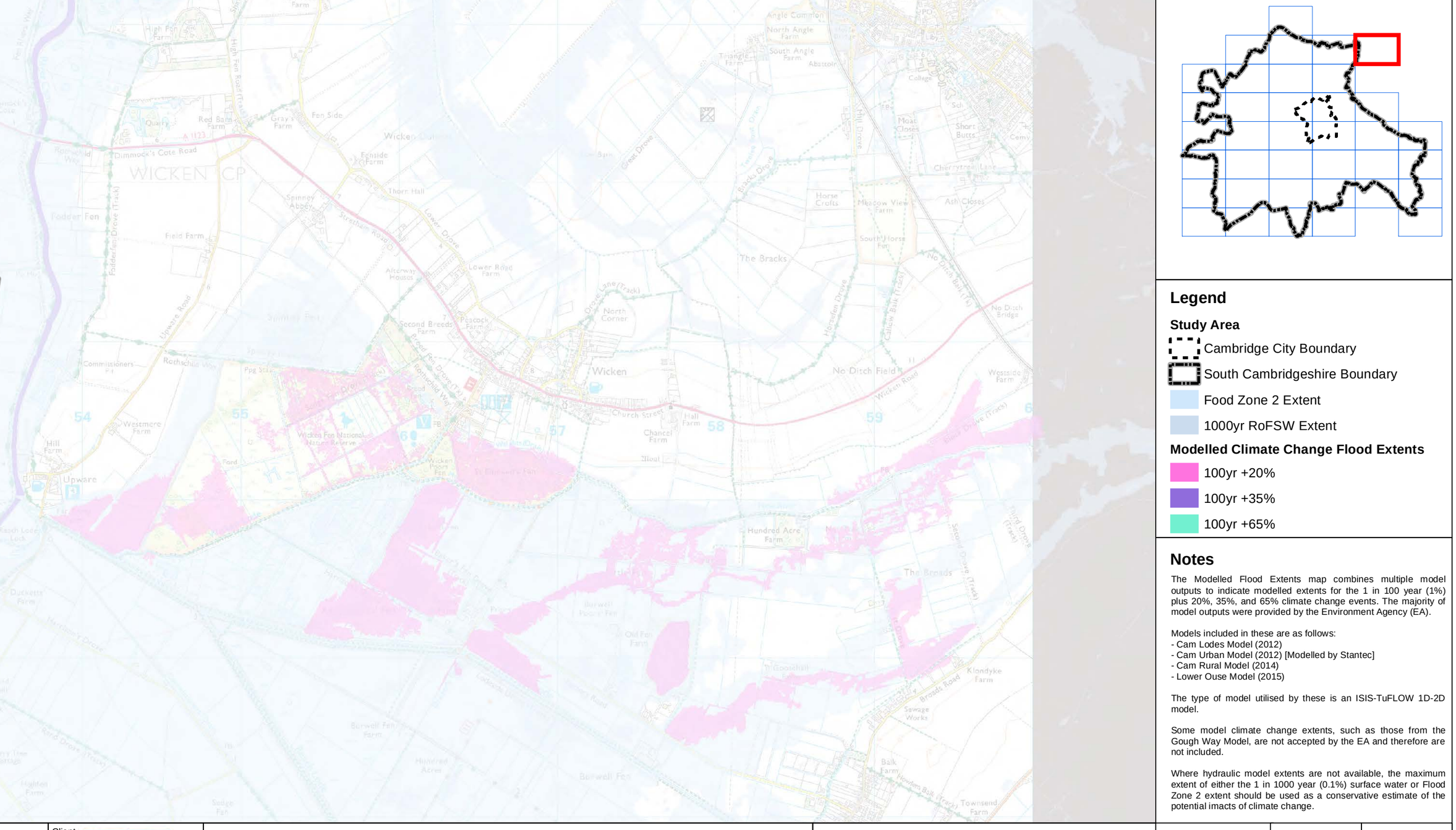
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 4 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

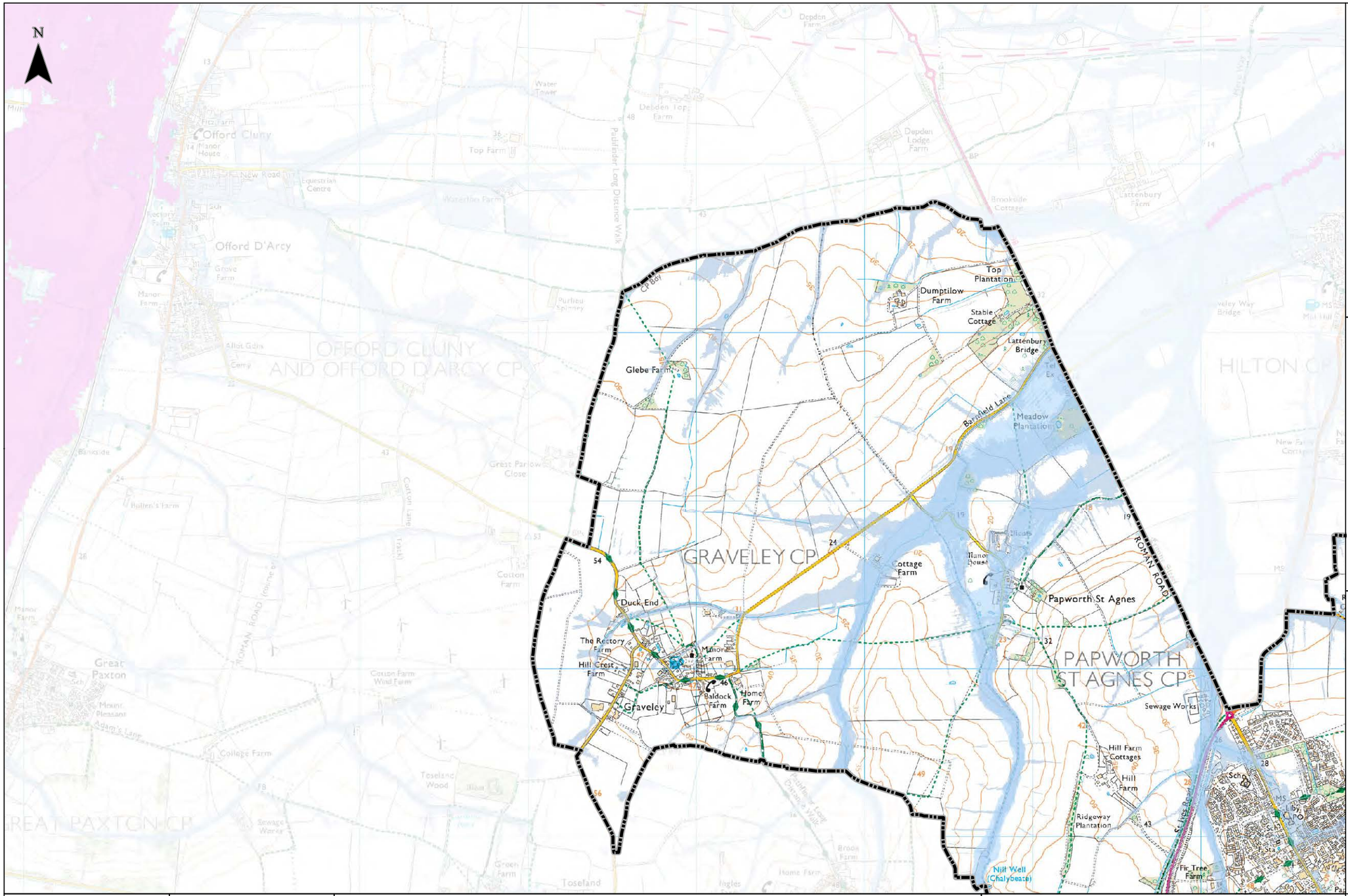
Modelled Climate Change Flood Extents

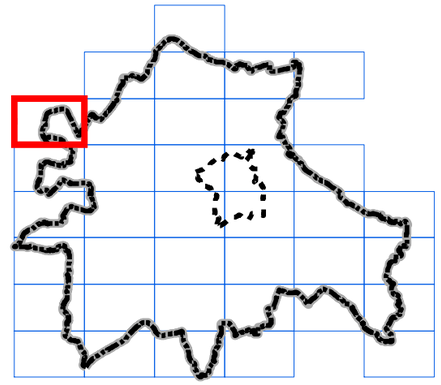
0 1 2 km

Sheet Number: 5 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

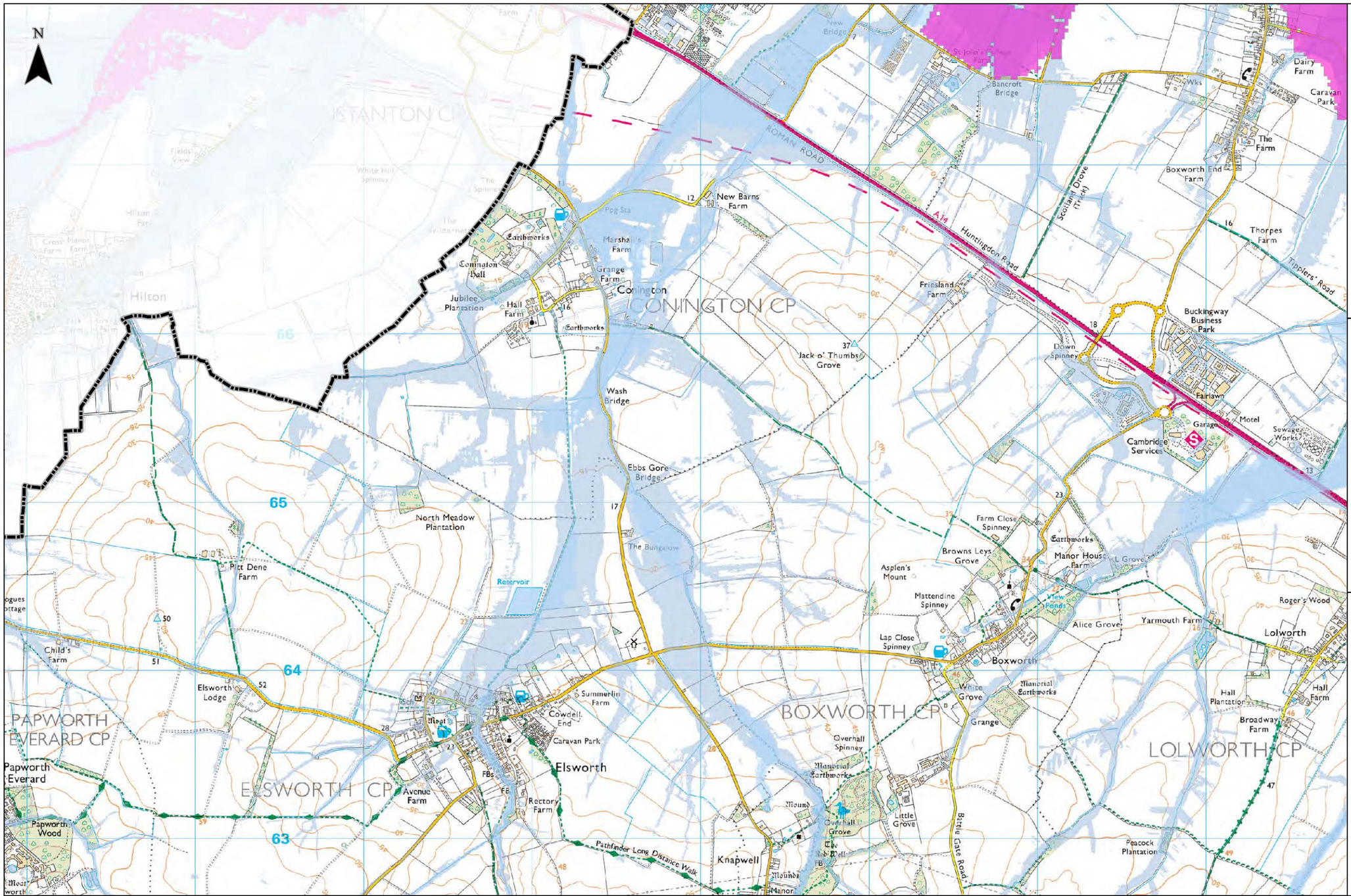
Modelled Climate Change Flood Extents

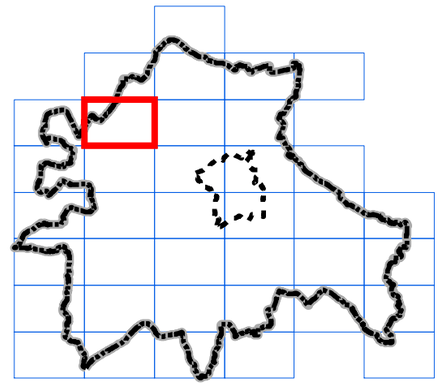
0 1 2 km

Sheet Number: 6 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

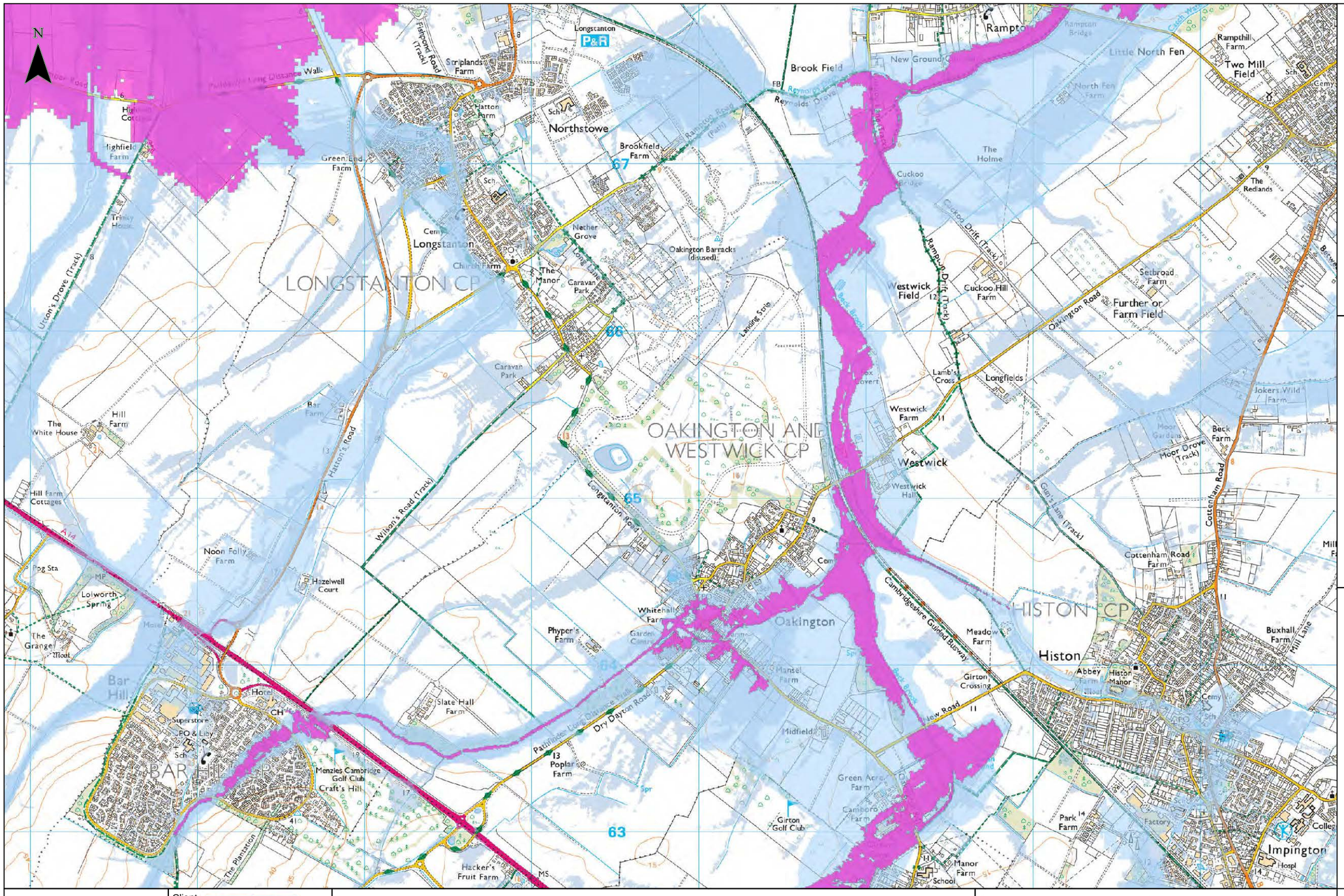
Modelled Climate Change Flood Extents

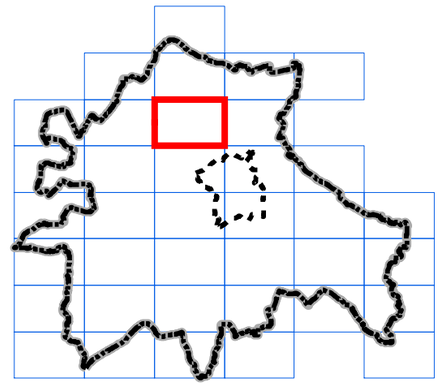
0 1 2 km

Sheet Number: 7 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

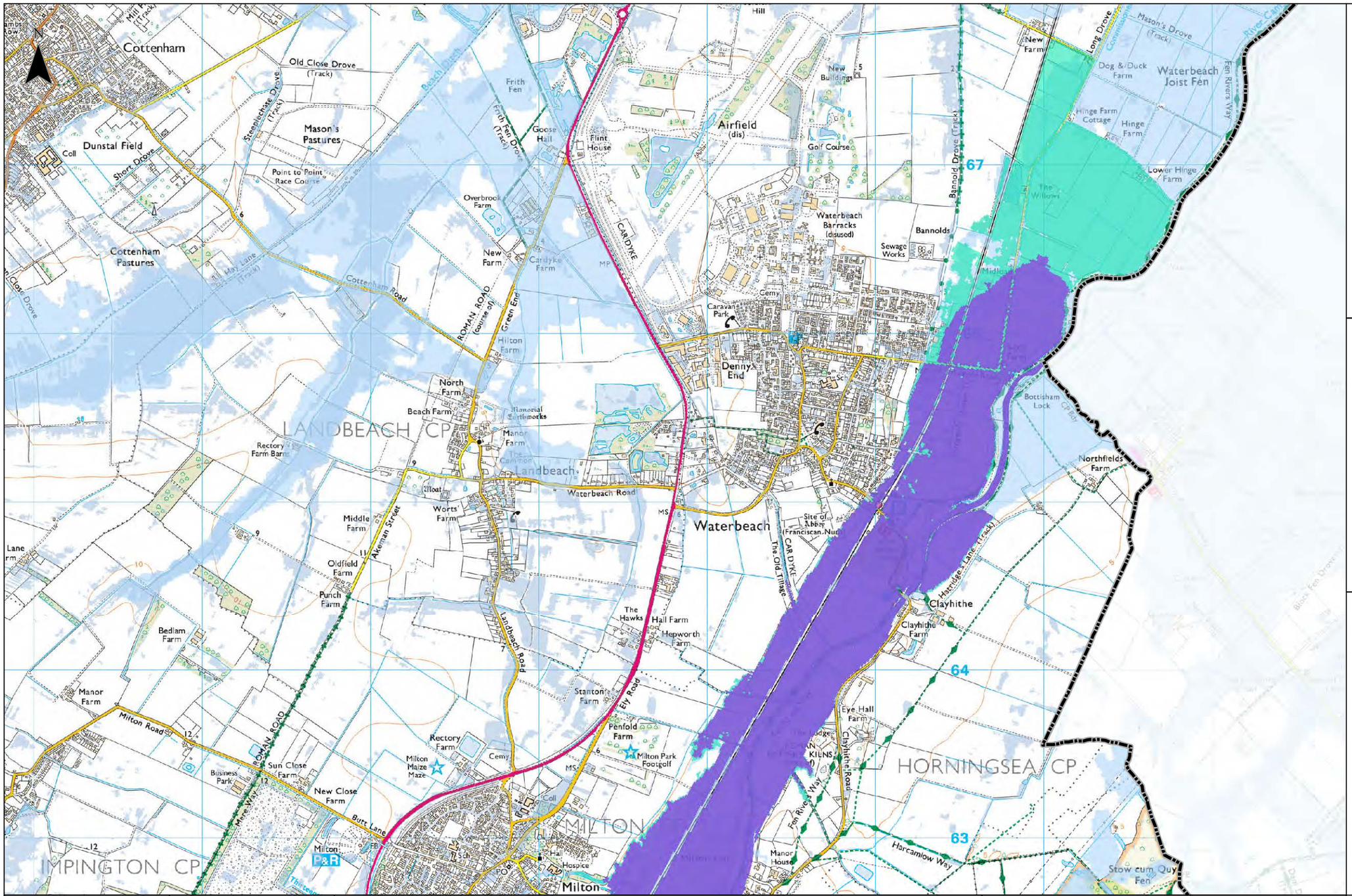
Modelled Climate Change Flood Extents

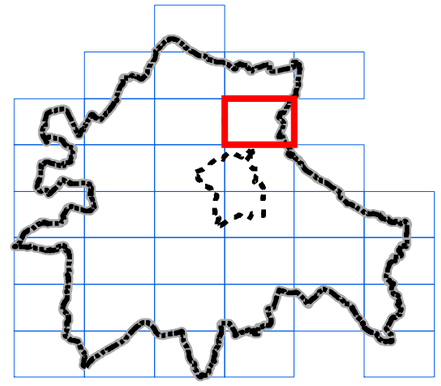
0 1 2 km

Sheet Number: 8 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

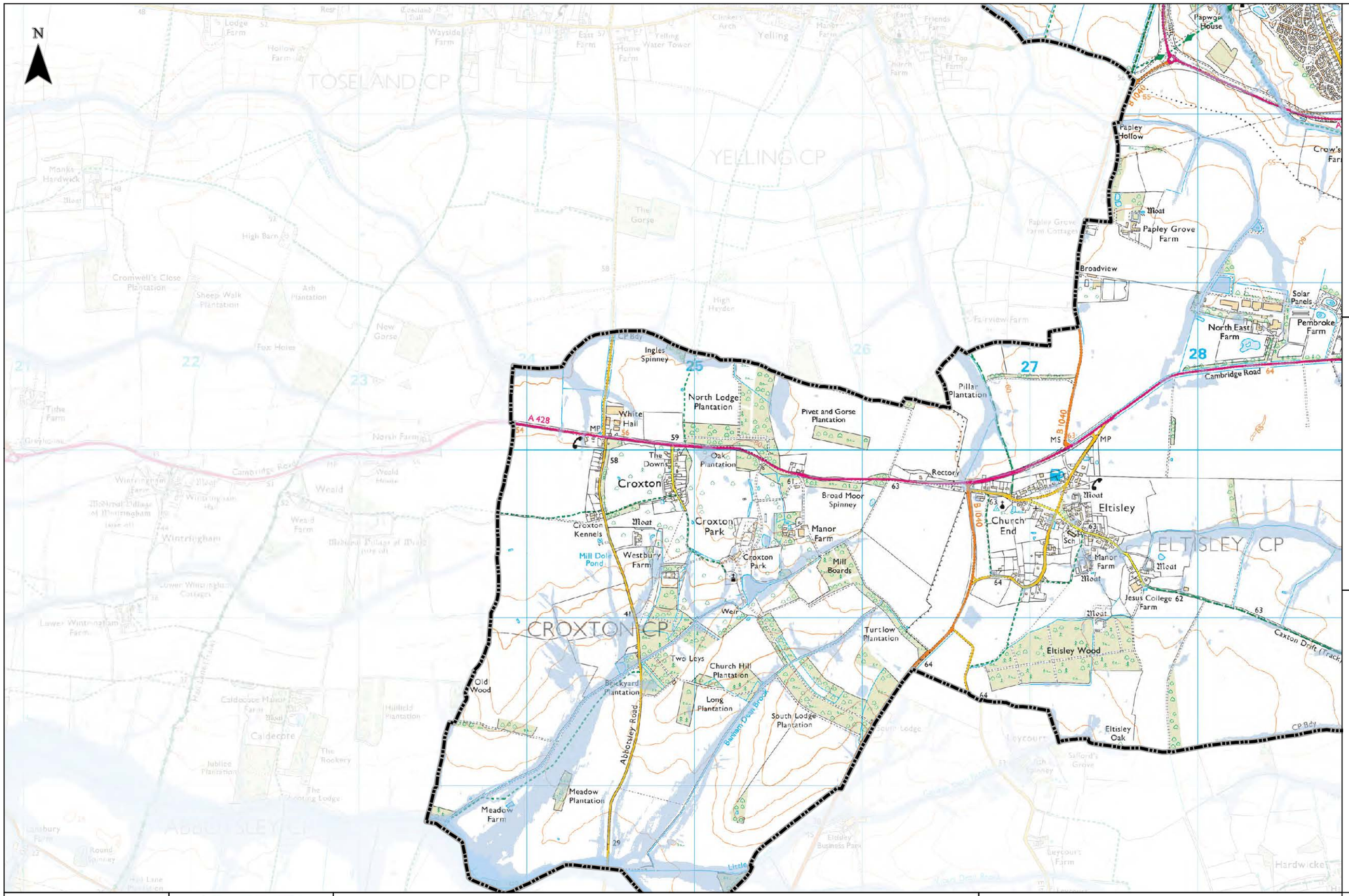
Modelled Climate Change Flood Extents

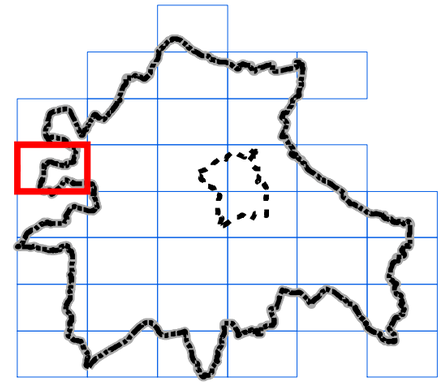
0 1 2 km

Sheet Number: 9 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

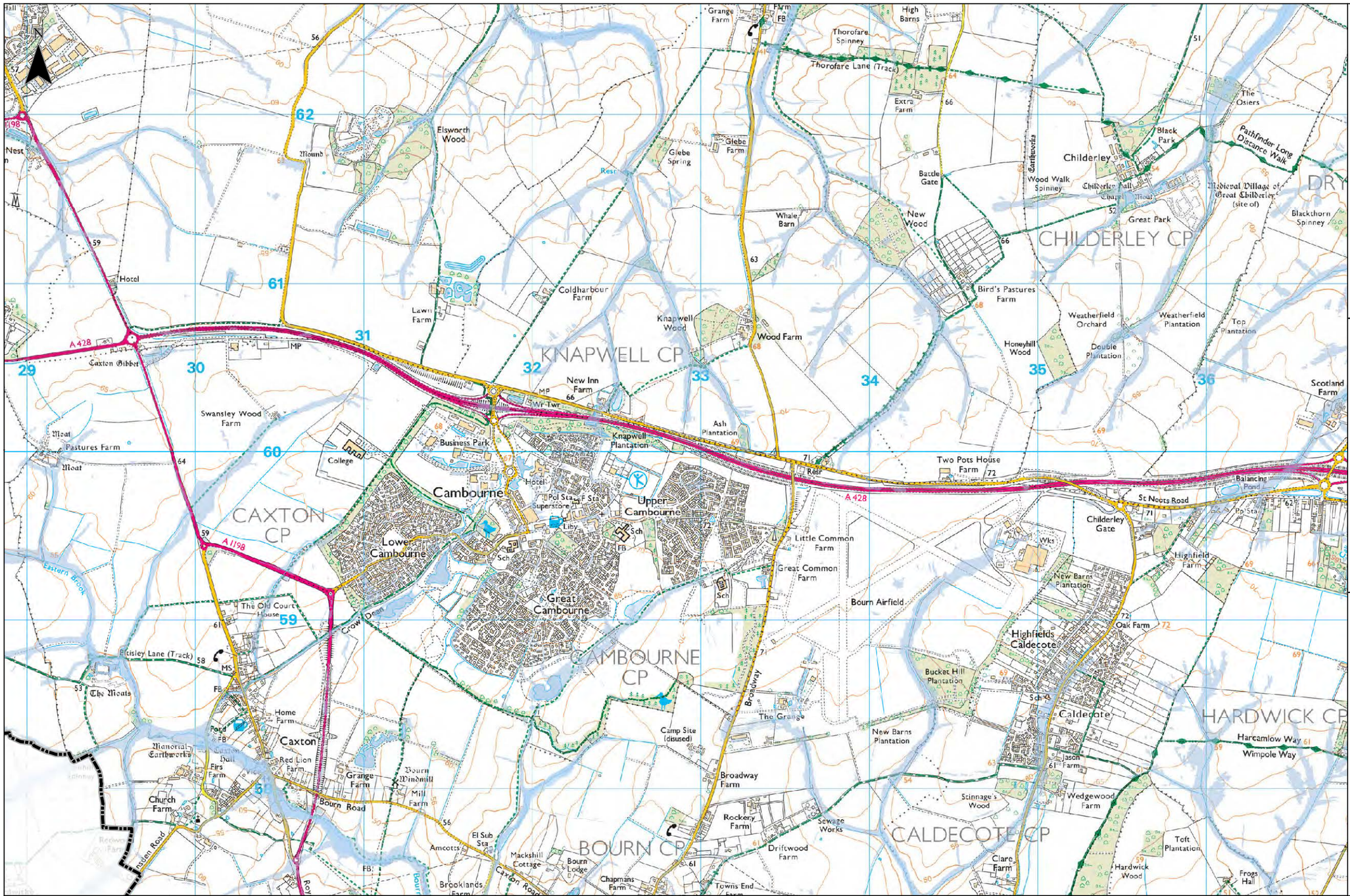
Modelled Climate Change Flood Extents

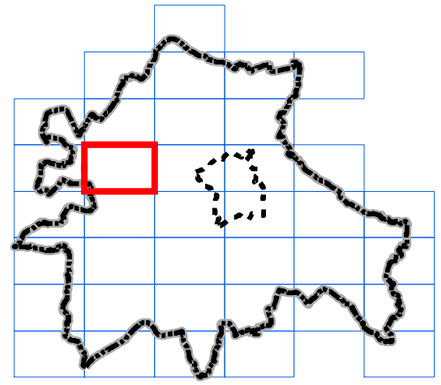
0 1 2 km

Sheet Number: 10 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

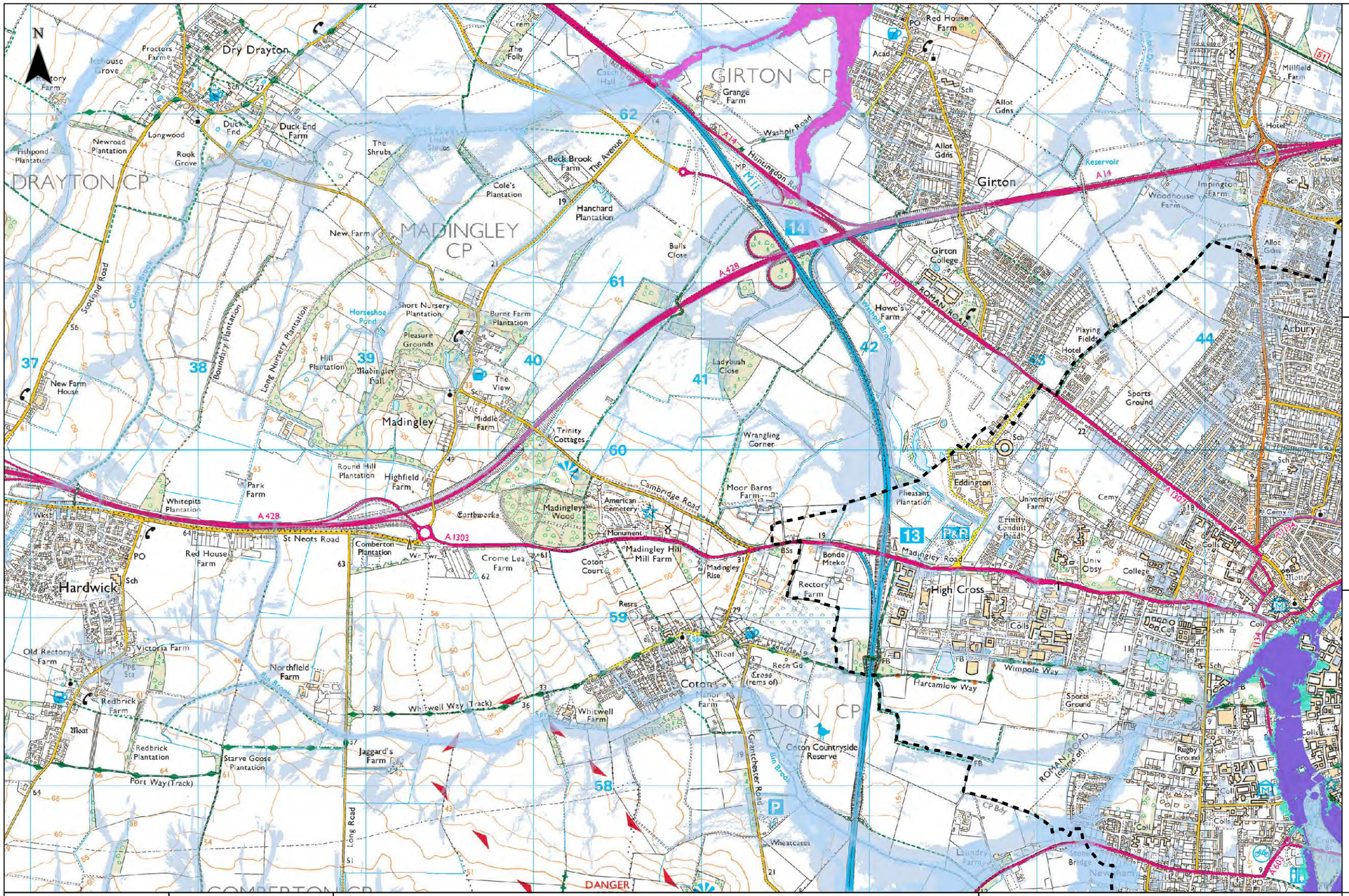
Modelled Climate Change Flood Extents

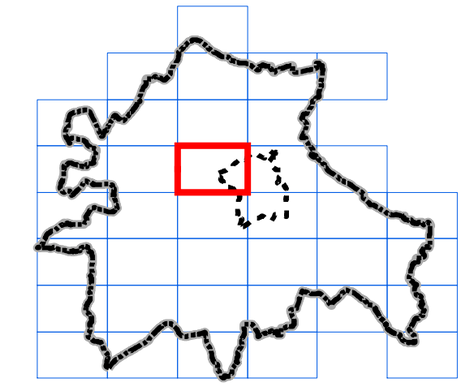
0 1 2 km

Sheet Number: 11 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

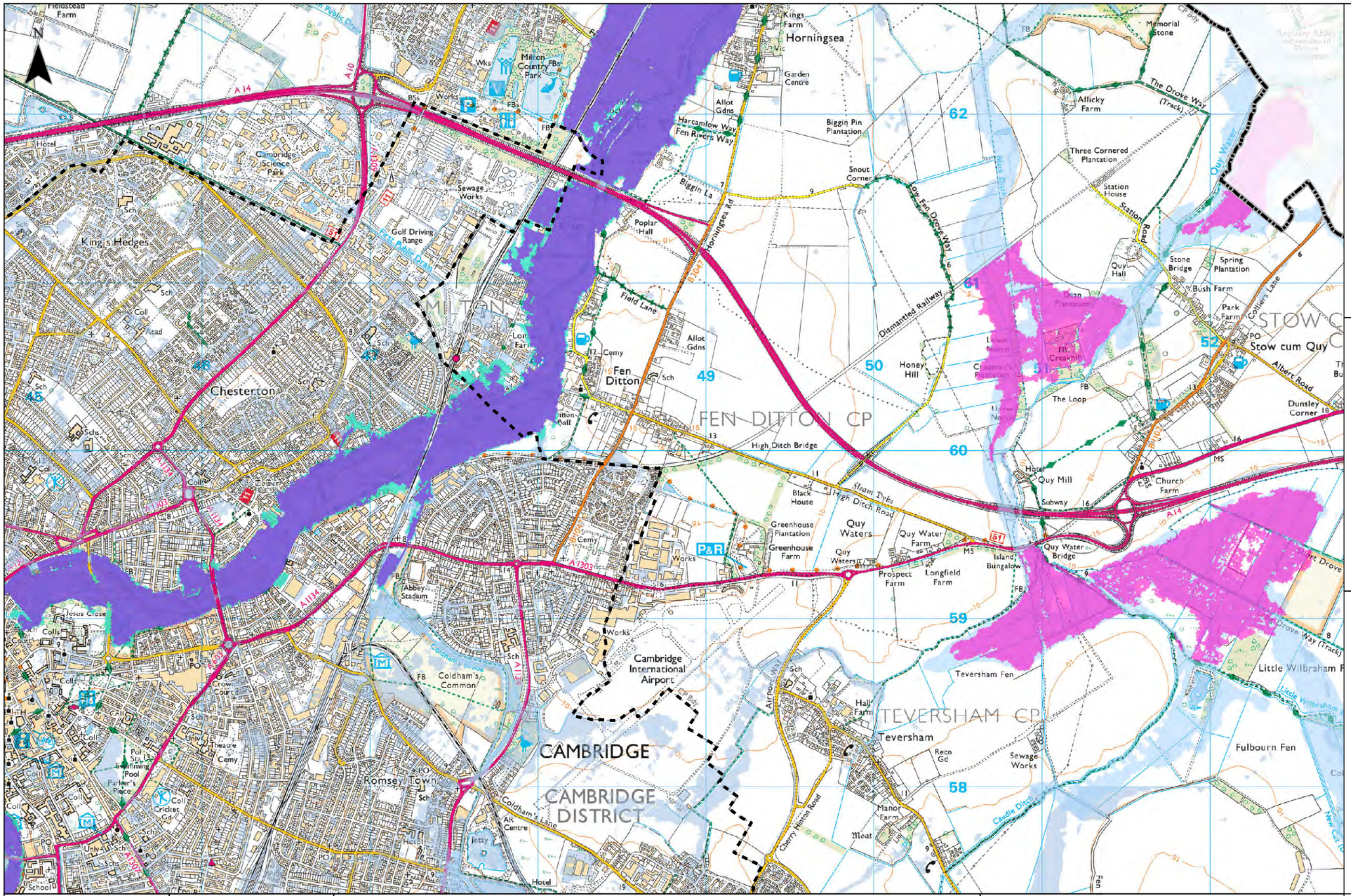
Modelled Climate Change Flood Extents

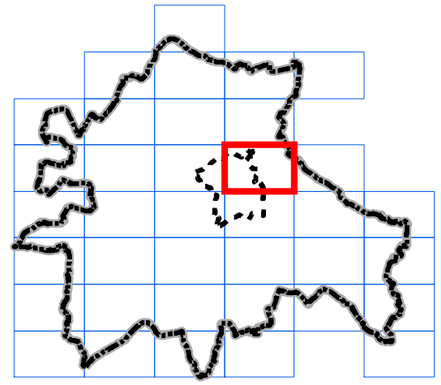
0 1 2 km

Sheet Number: 12 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

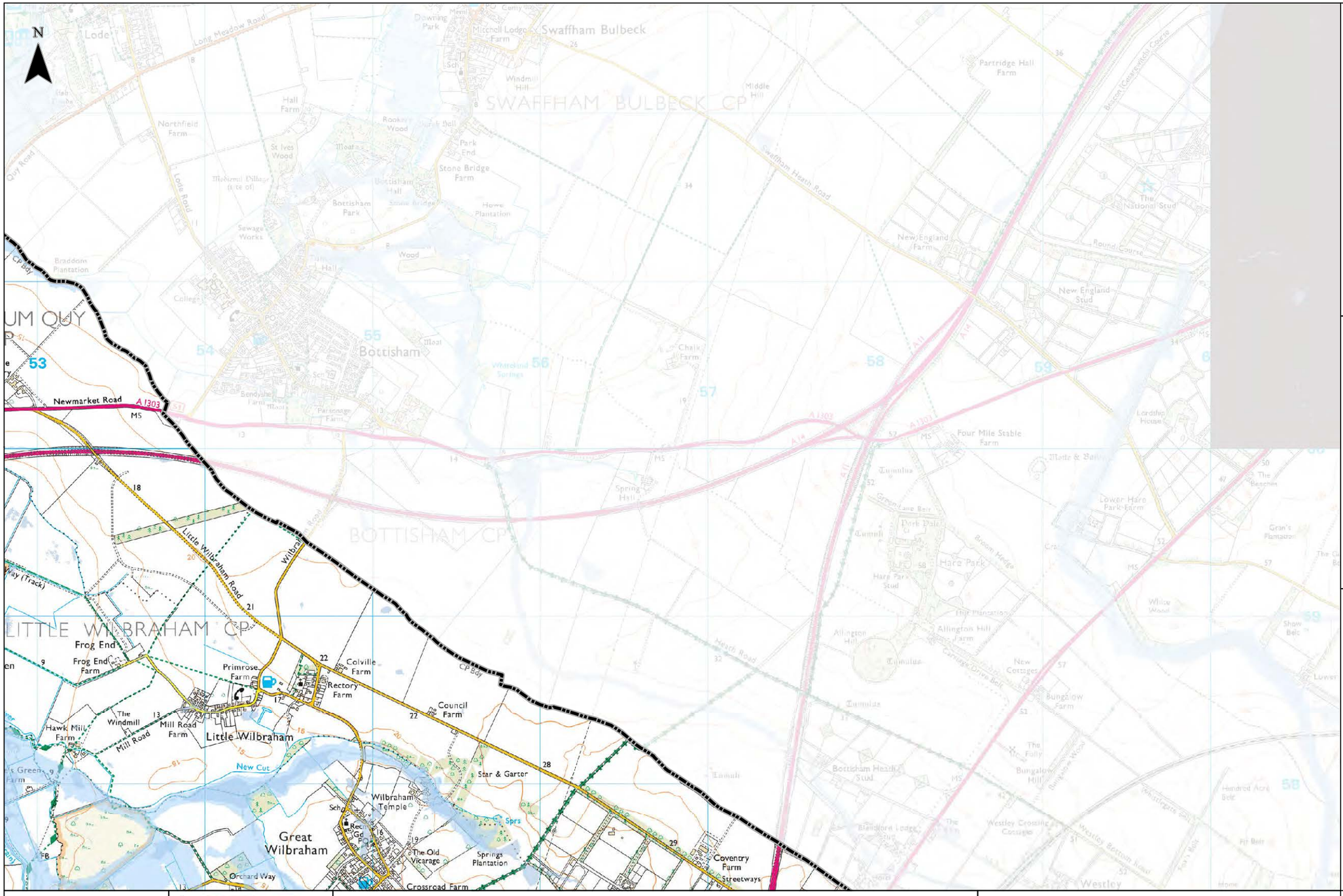
Modelled Climate Change Flood Extents

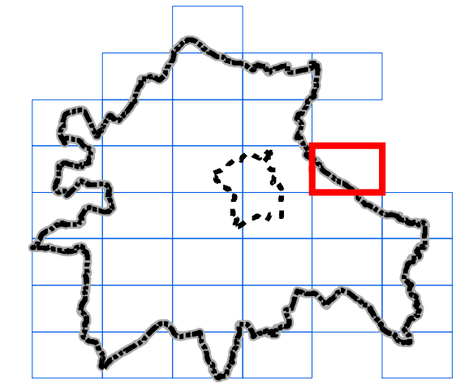
0 1 2 km

Sheet Number: 13 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

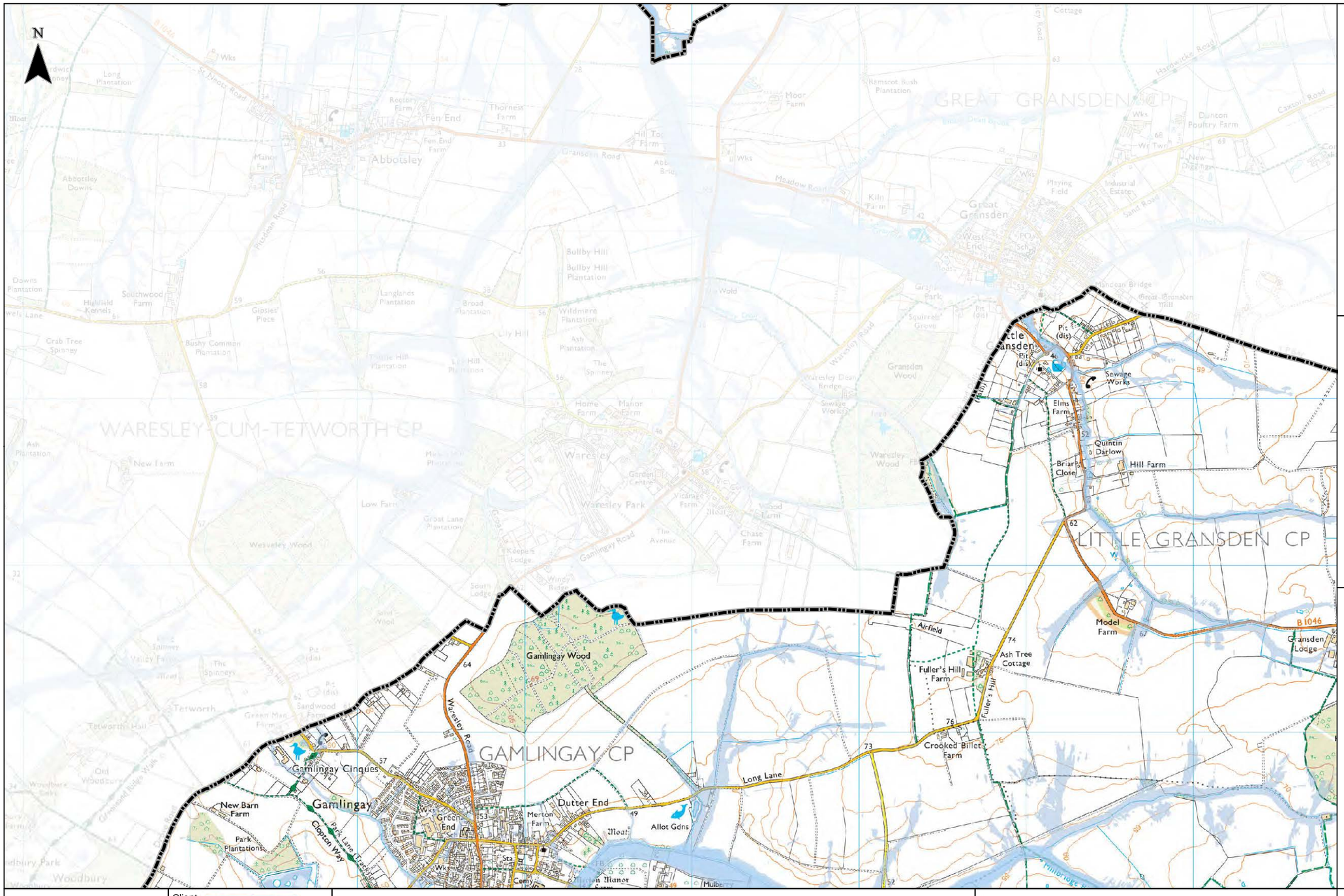
Modelled Climate Change Flood Extents

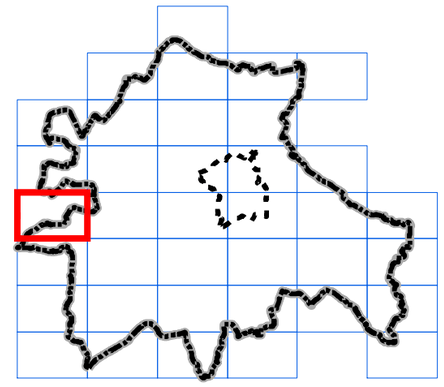
0 1 2 km

Sheet Number: 14 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

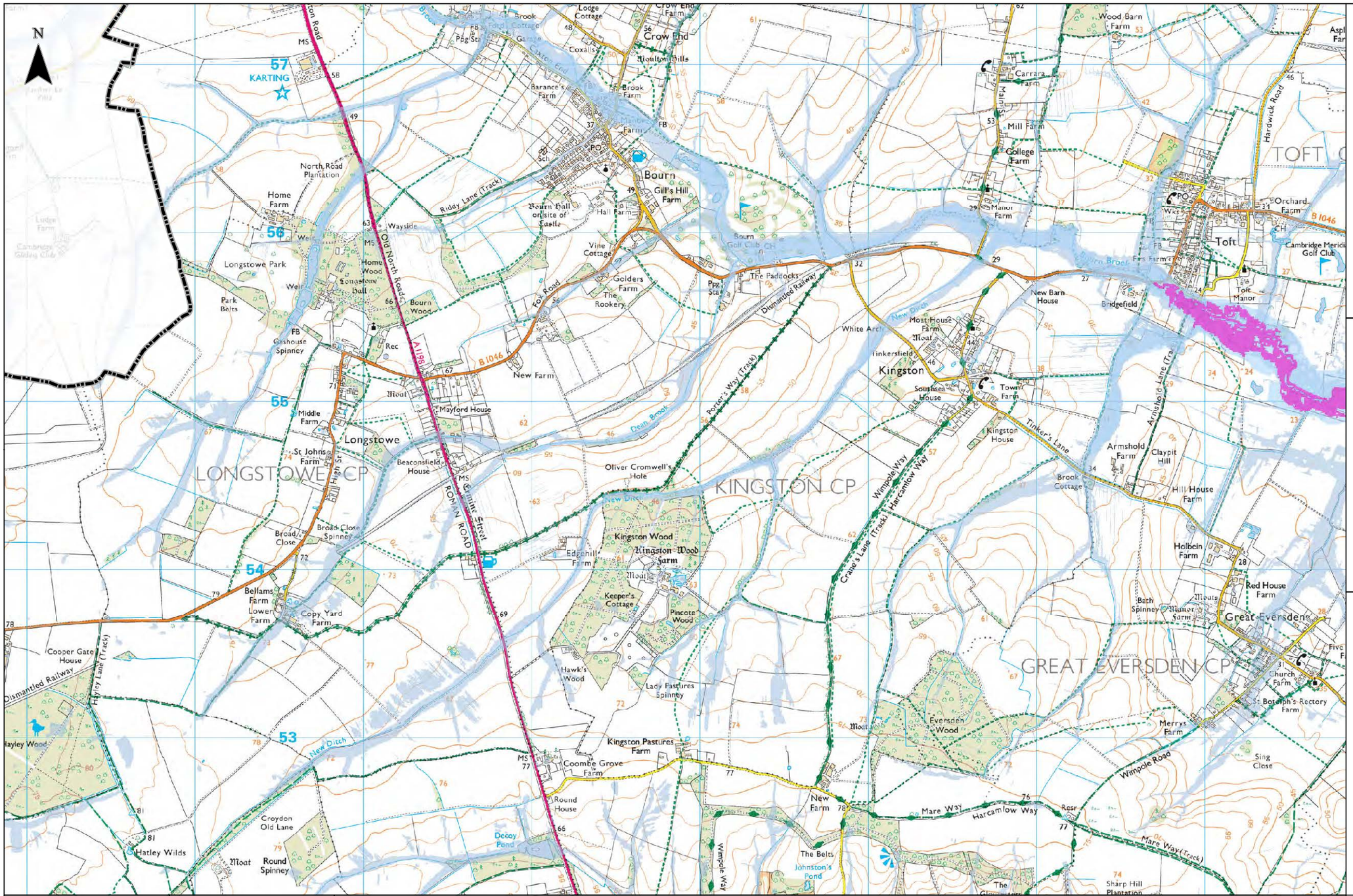
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 15 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

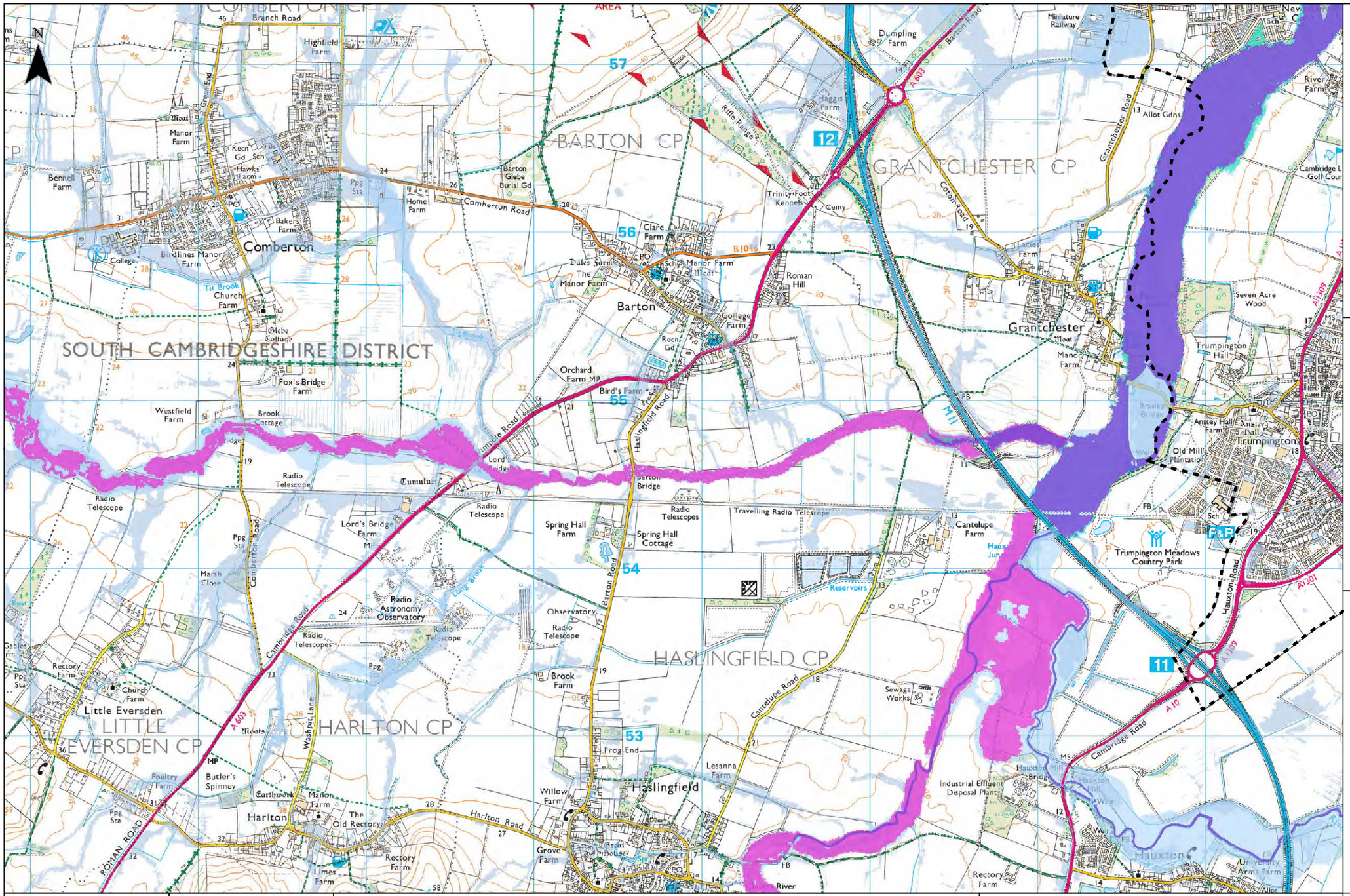
Modelled Climate Change Flood Extents

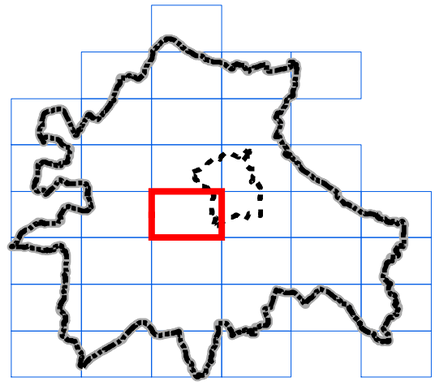
0 1 2 km

Sheet Number: 16 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

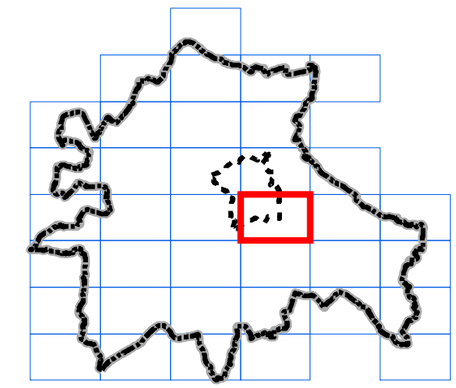
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 17 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

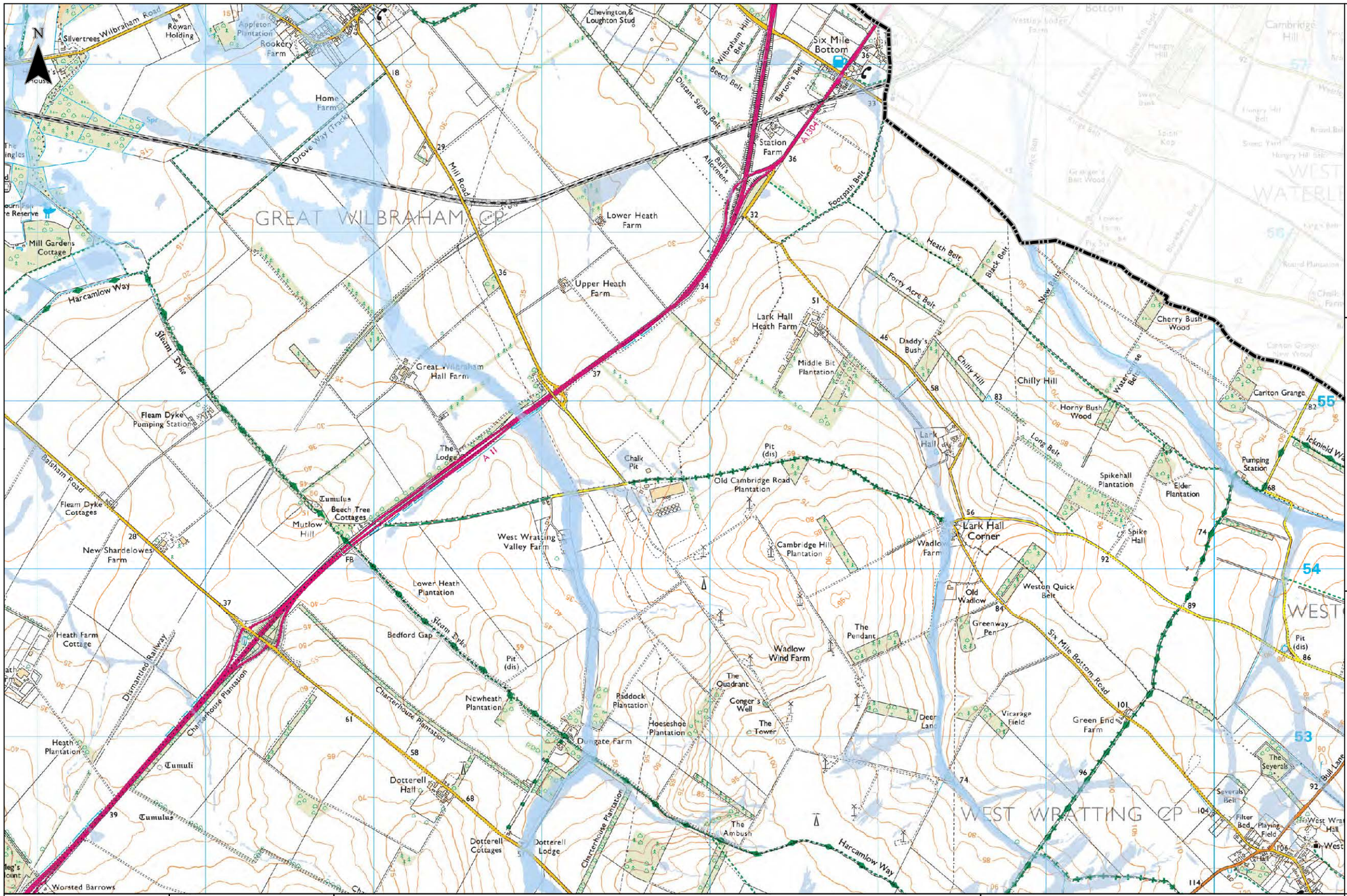
Modelled Climate Change Flood Extents

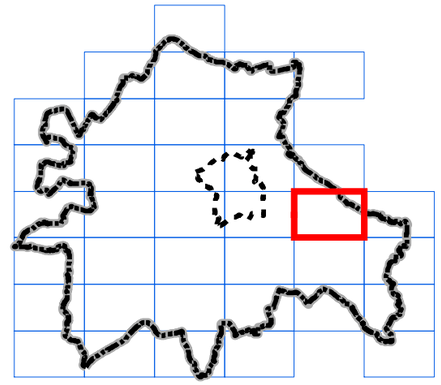
0 1 2 km

Sheet Number: 18 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

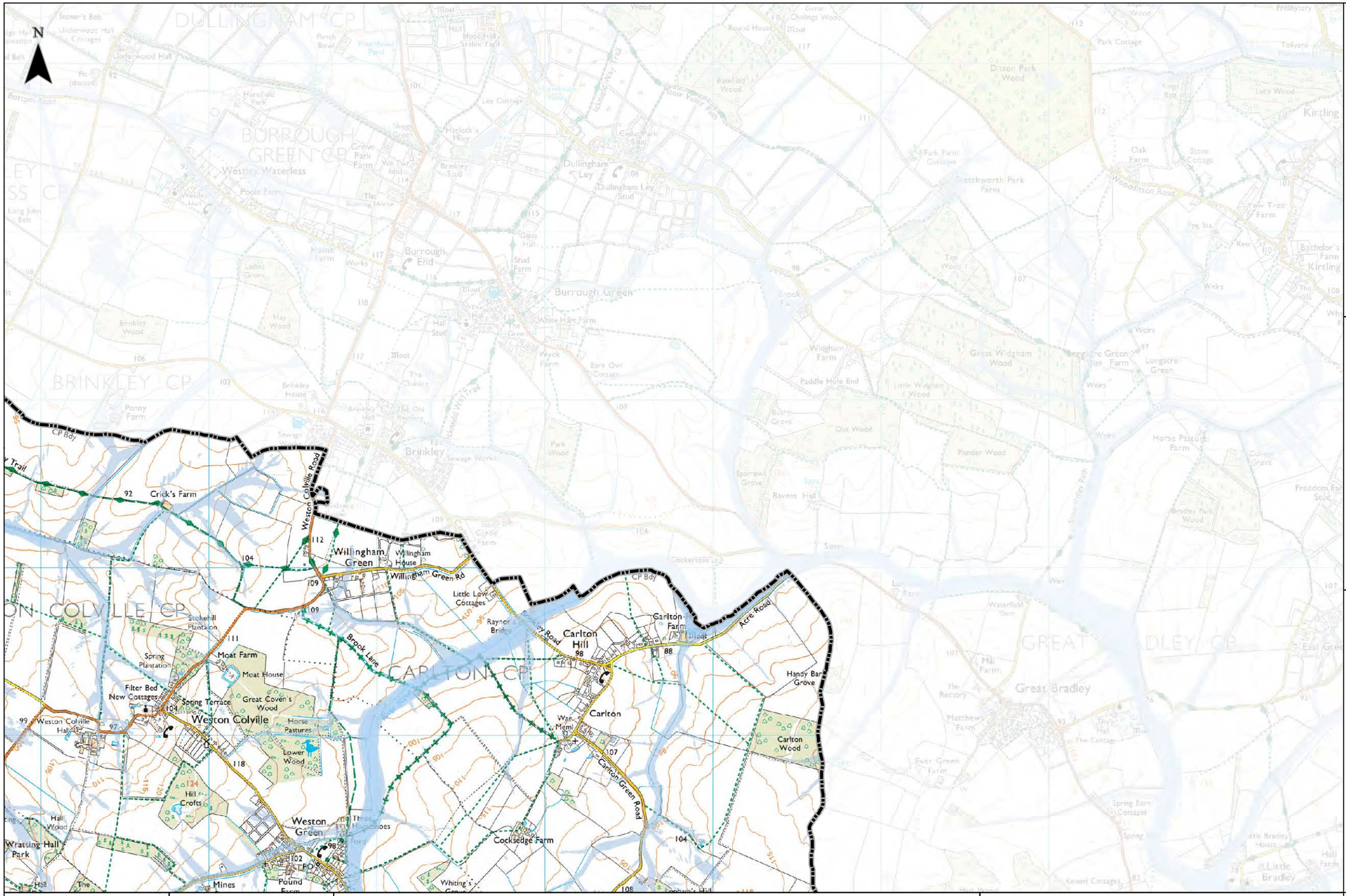
Modelled Climate Change Flood Extents

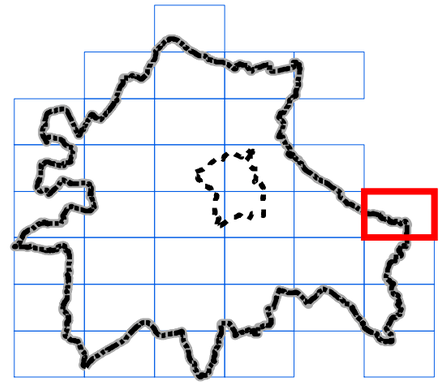
0 1 2 km

Sheet Number: 19 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

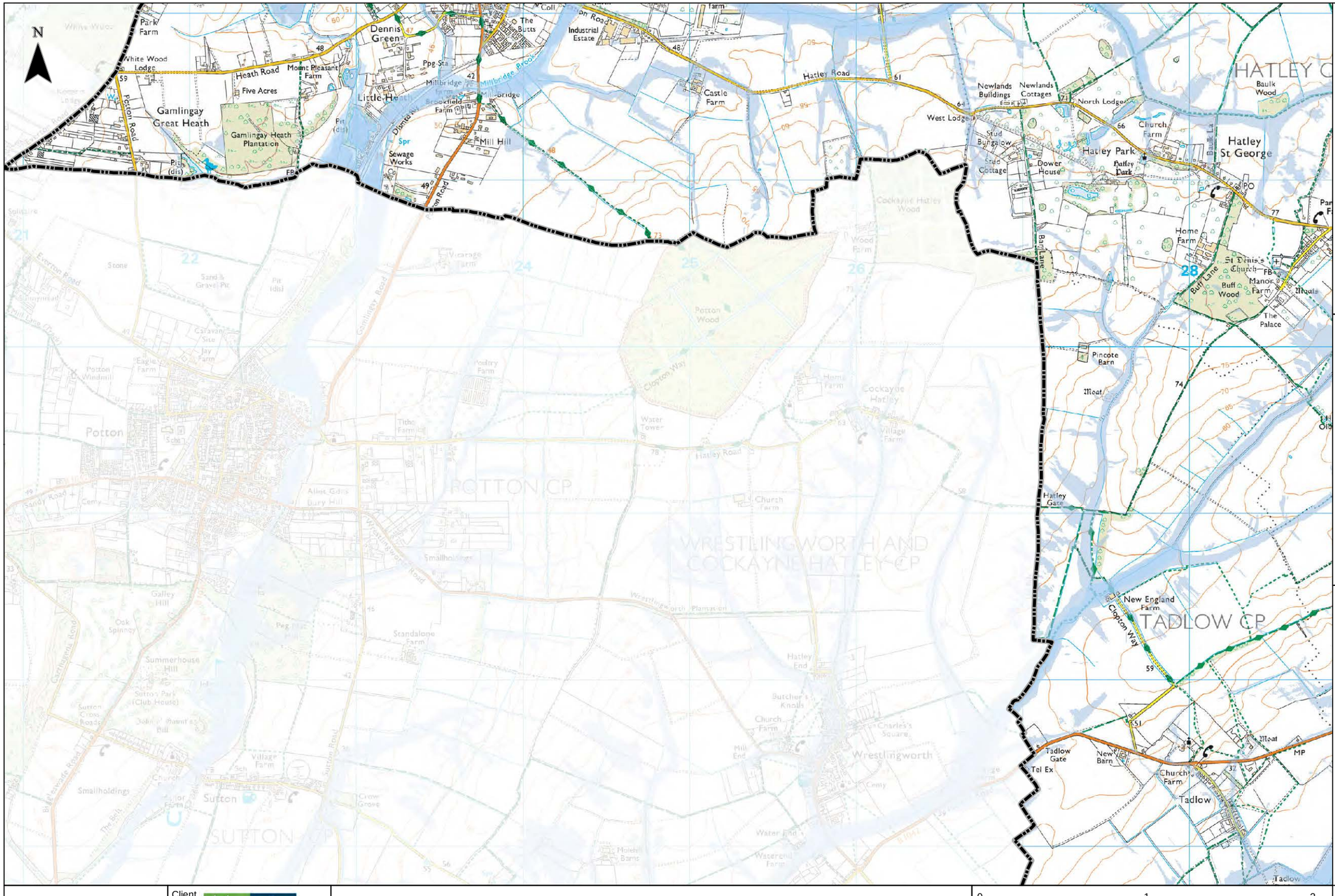
Modelled Climate Change Flood Extents

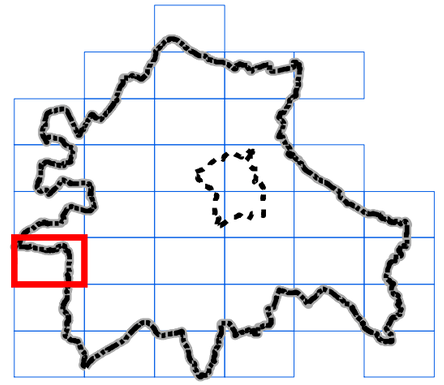
0 1 2 km

Sheet Number: 20 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

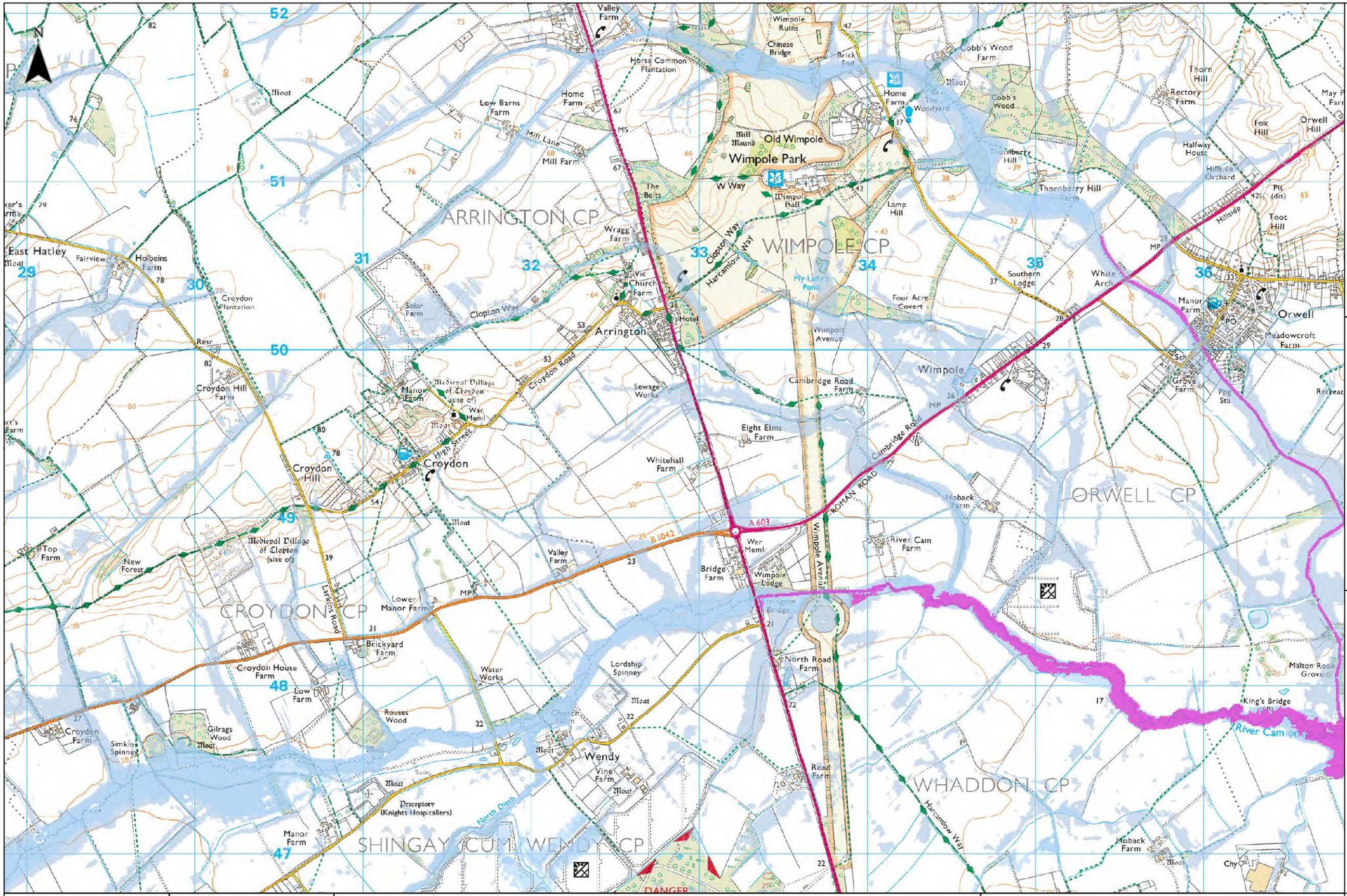
Modelled Climate Change Flood Extents

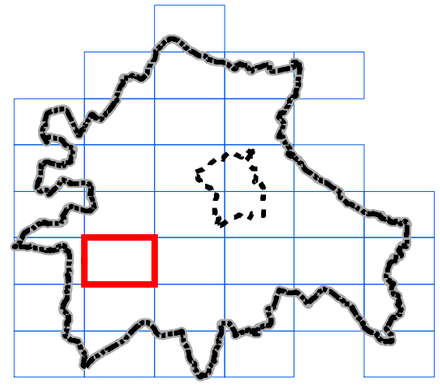
0 1 2 km

Sheet Number: 21 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

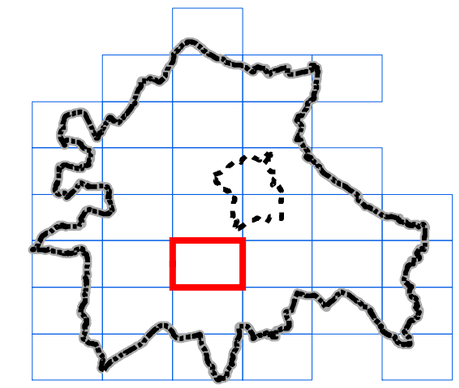
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 22 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

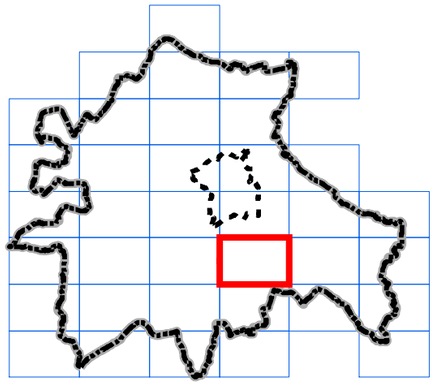
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 23 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

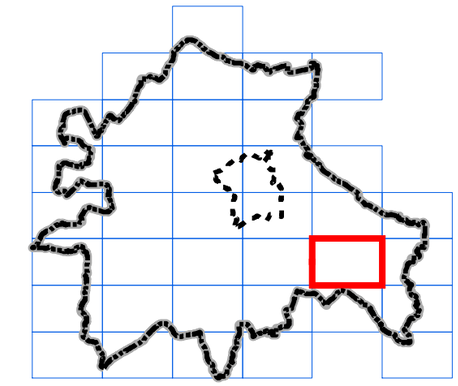
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 24 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

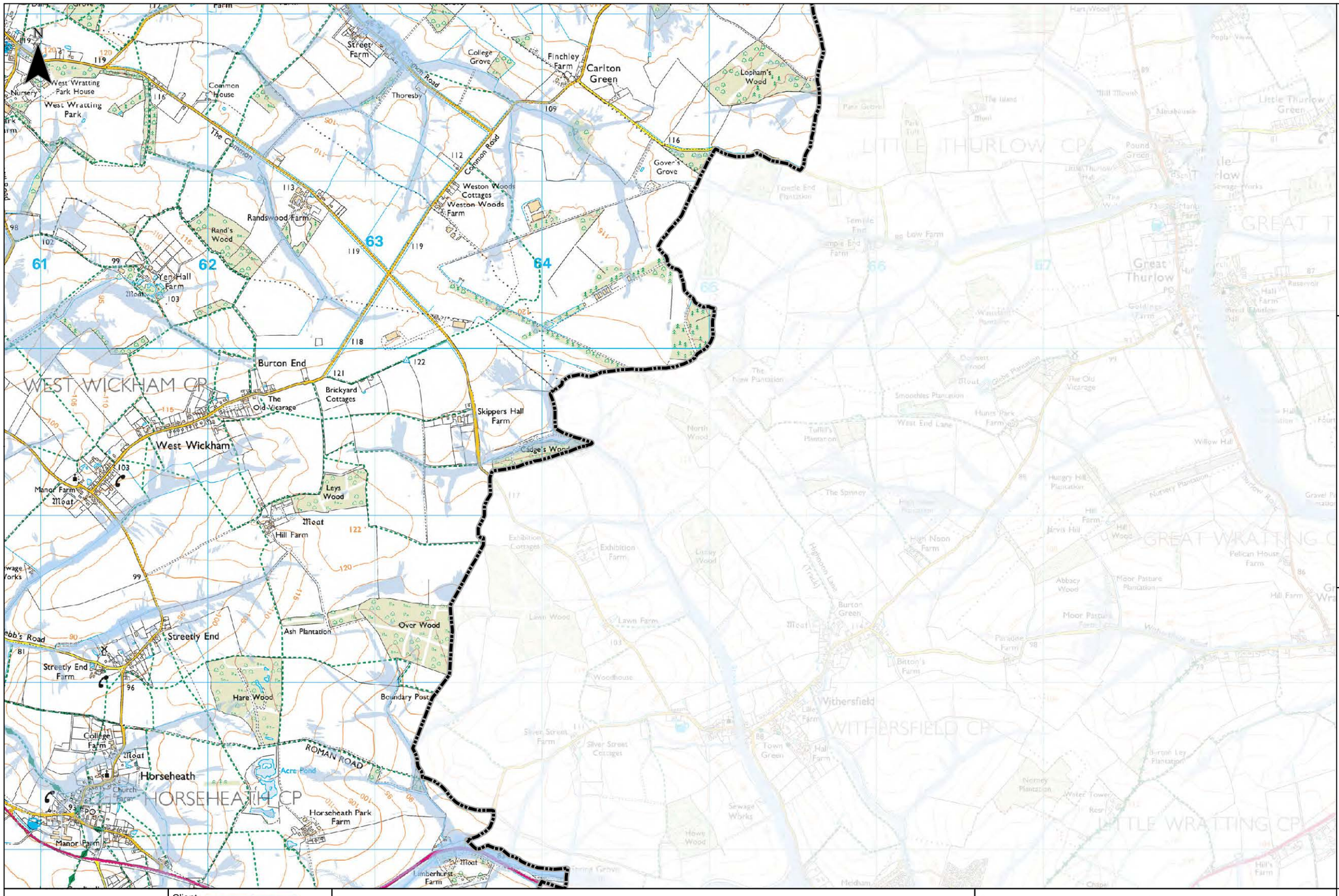
Modelled Climate Change Flood Extents

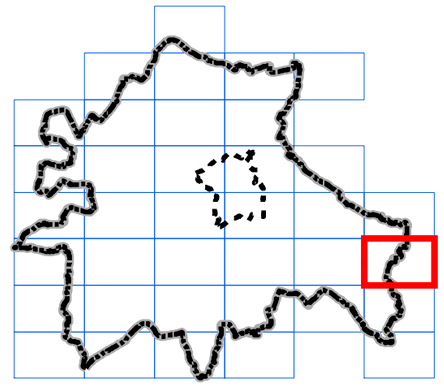
0 1 2 km

Sheet Number: 25 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client

GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

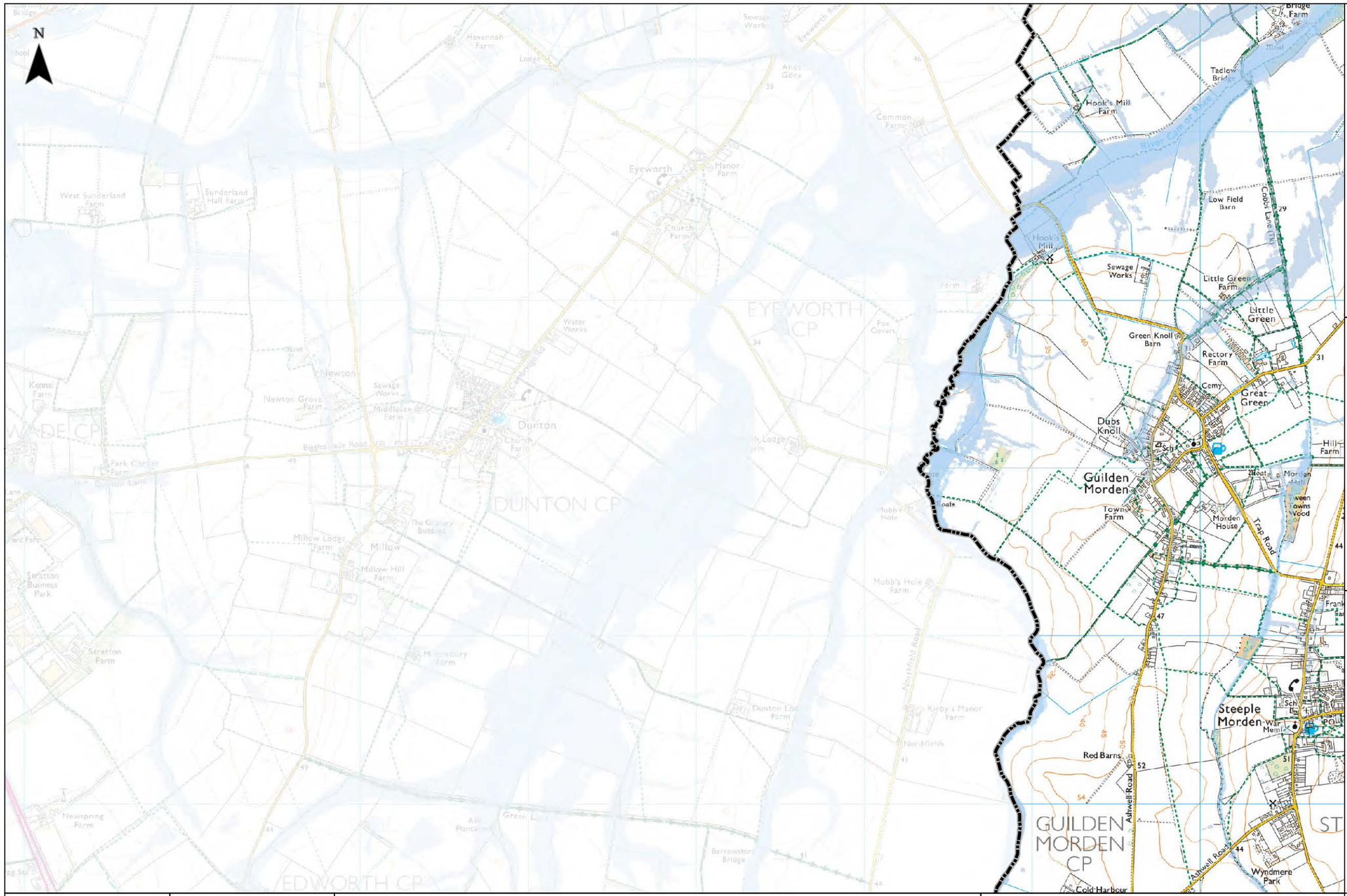
Modelled Climate Change Flood Extents

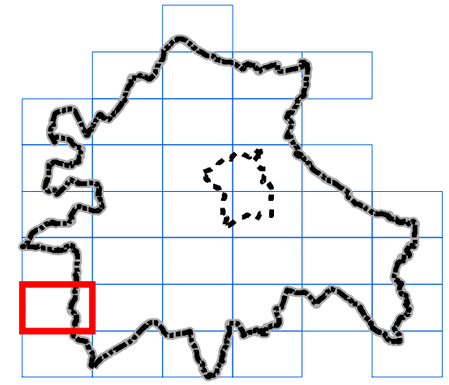
0 1 2 km

Sheet Number: 26 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

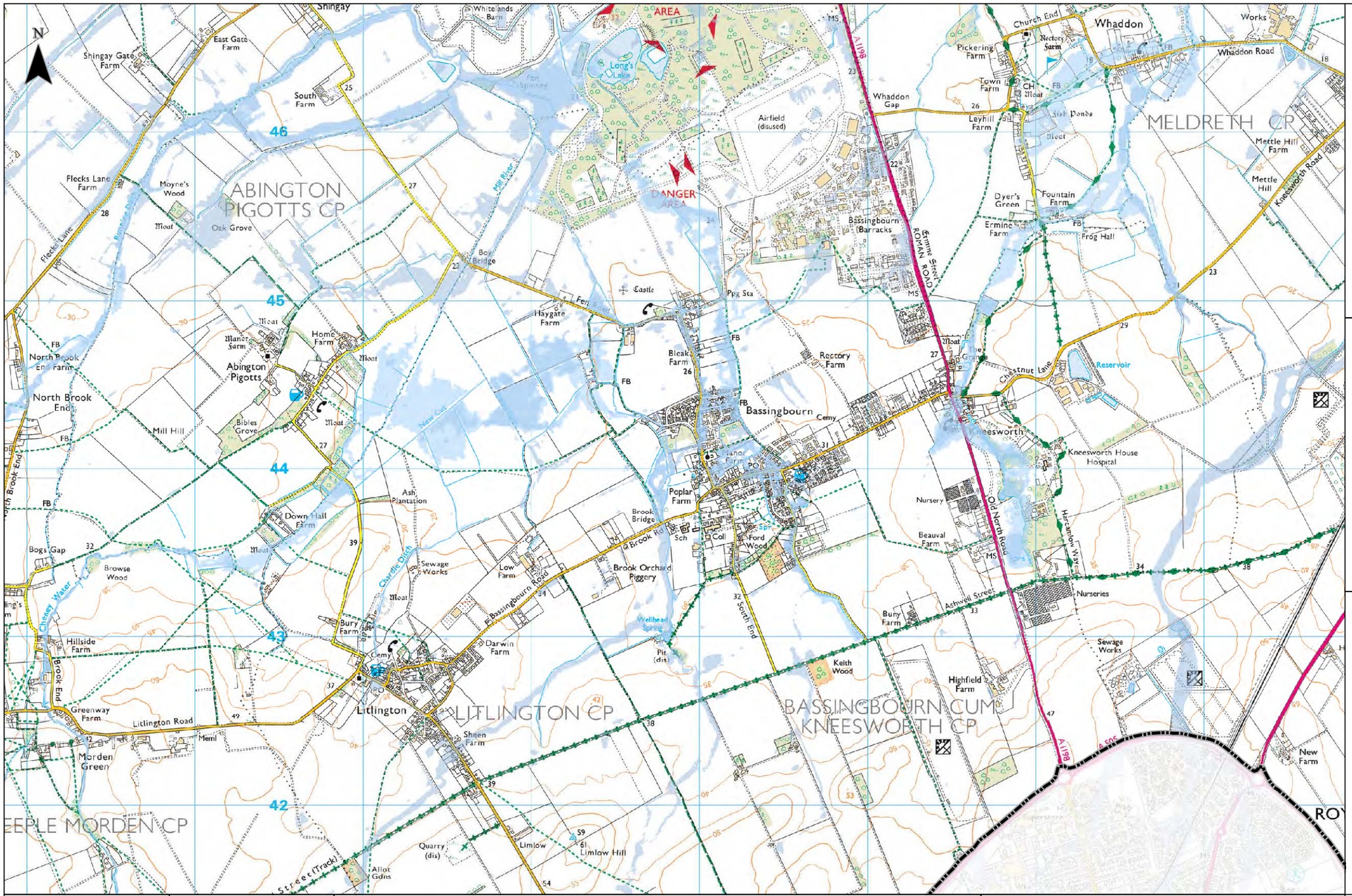
Modelled Climate Change Flood Extents

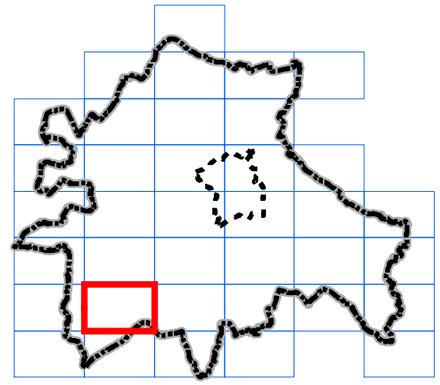
0 1 2 km

Sheet Number: 27 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

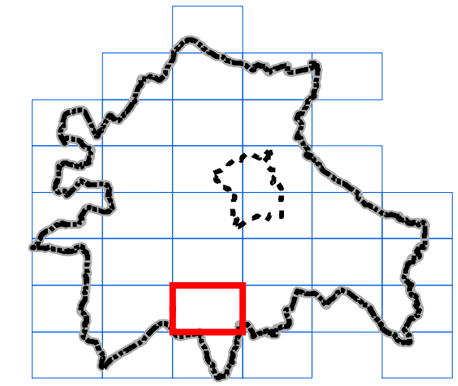
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 28 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

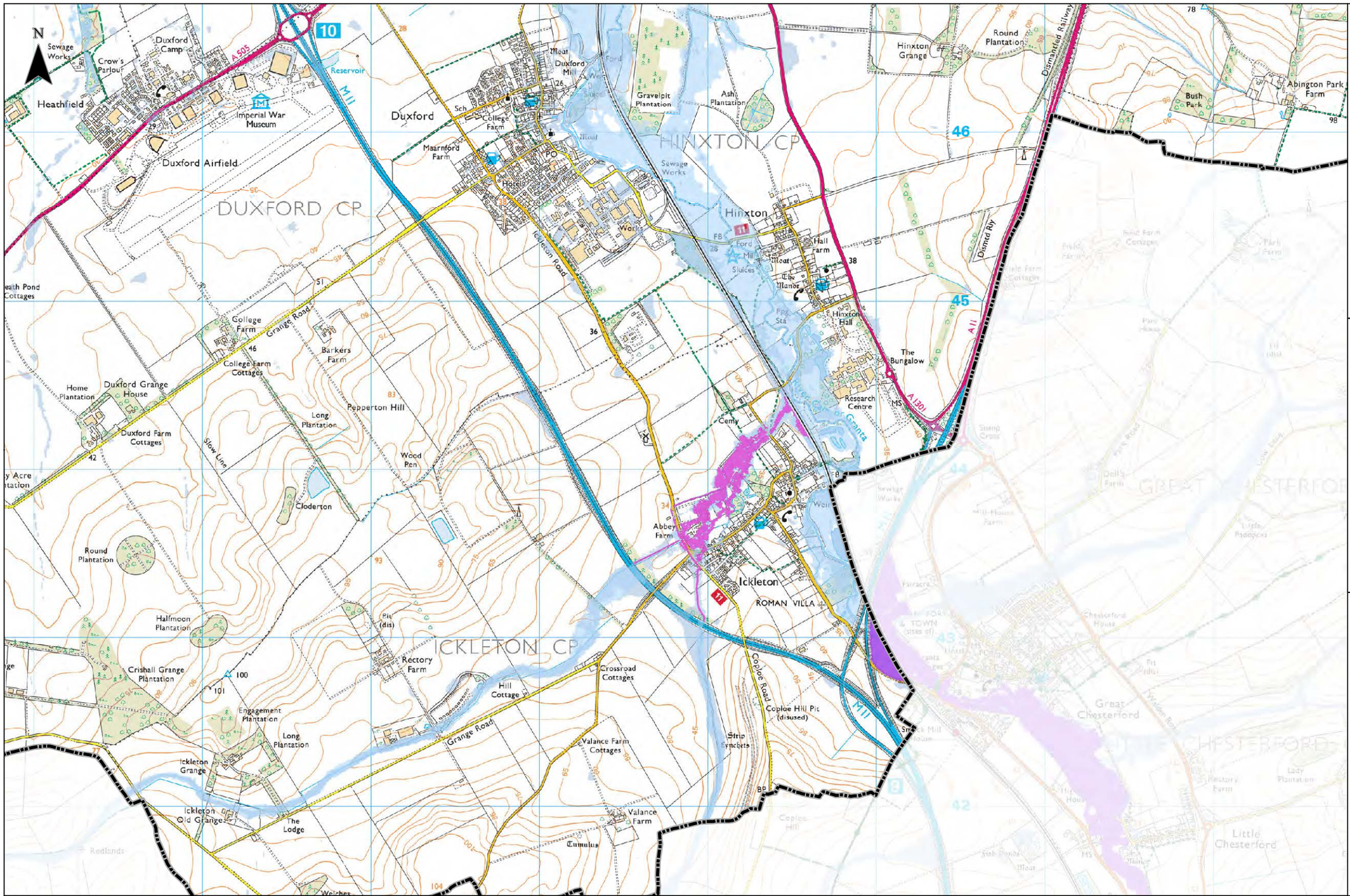
Modelled Climate Change Flood Extents

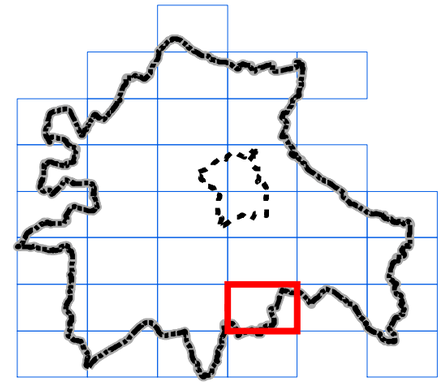
0 1 2 km

Sheet Number: 29 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

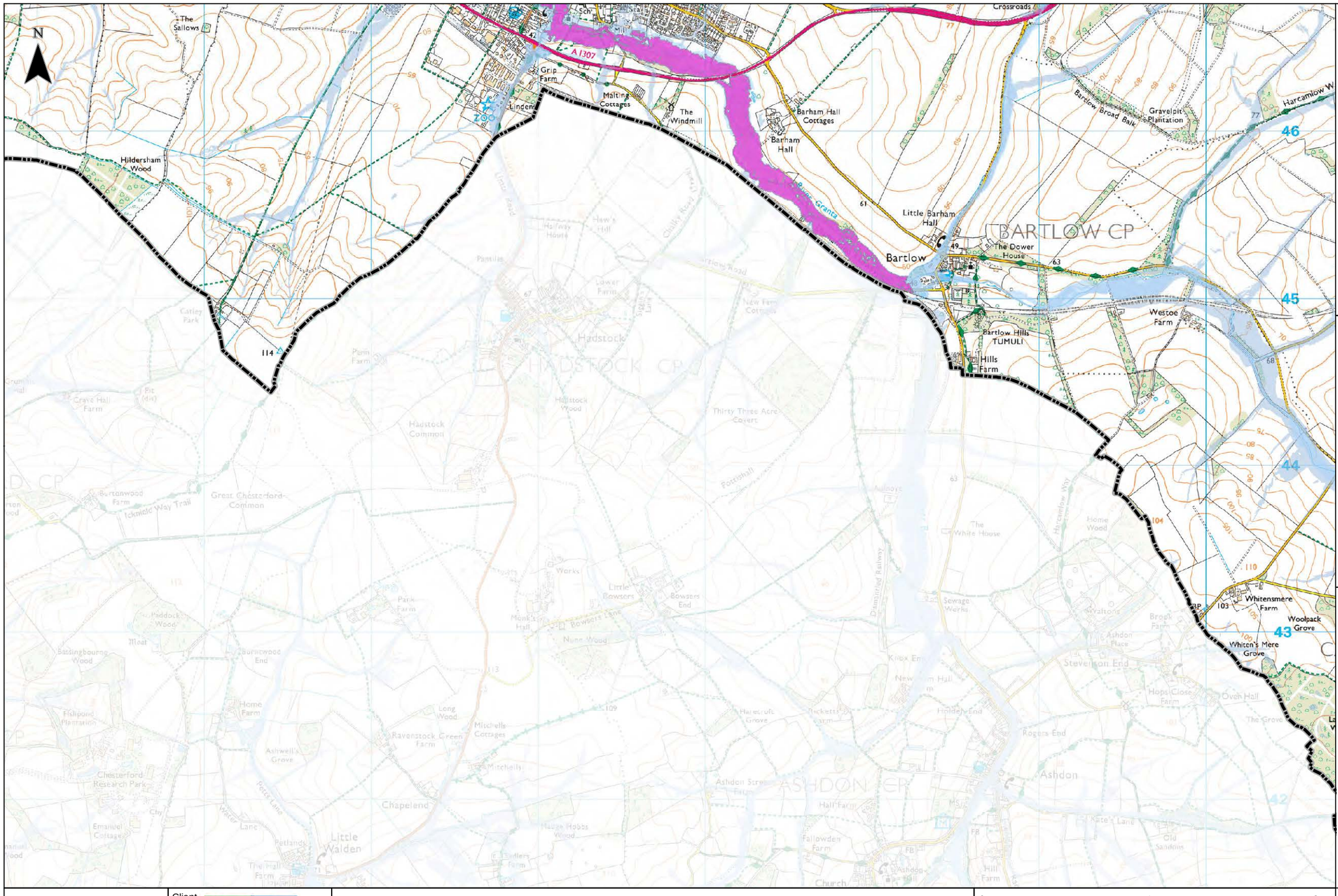
Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 30 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd



Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client

GREATER CAMBRIDGE SHARED PLANNING

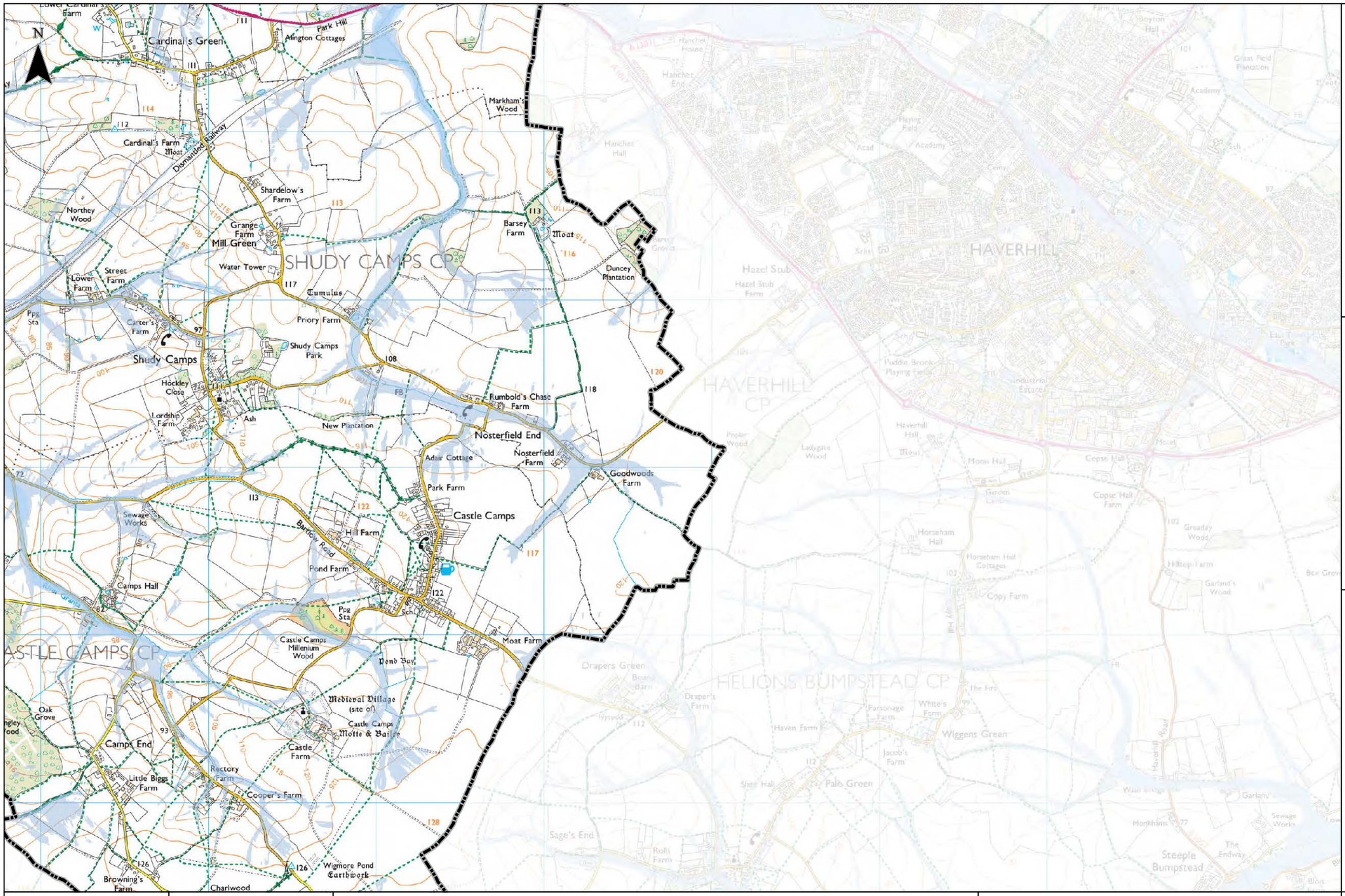
Greater Cambridge Integrated Water Management Study

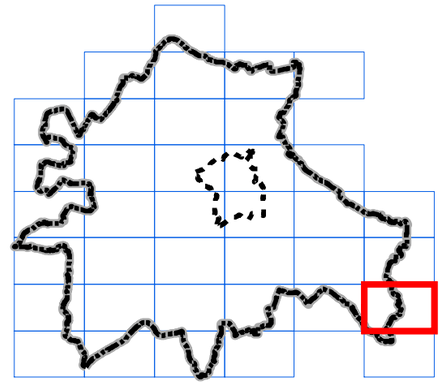
Modelled Climate Change Flood Extents

Sheet Number: 31 of 37

1:23,960 @ A3	Date: 06/08/2021	
Drawn: MD	Checked: PJ	
Figure: 48444/4005/GIS031		Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

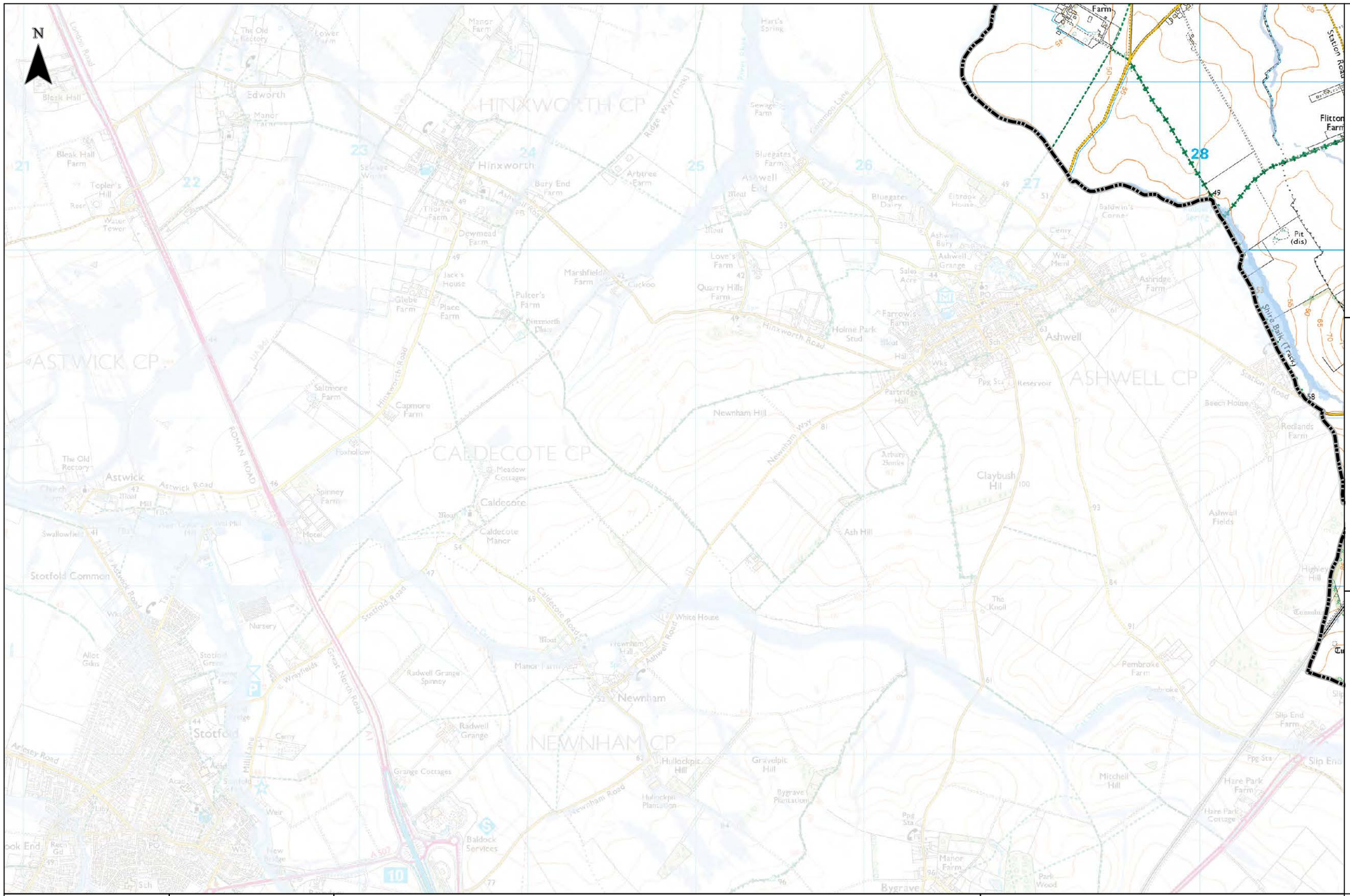
Modelled Climate Change Flood Extents

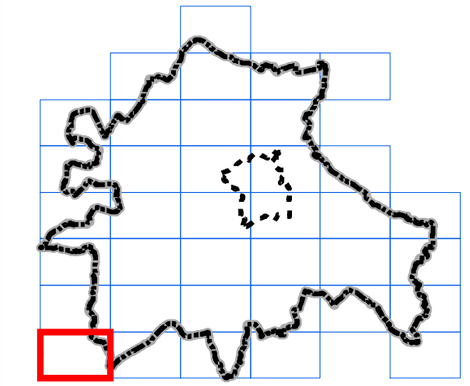
0 1 2 km

Sheet Number: 32 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

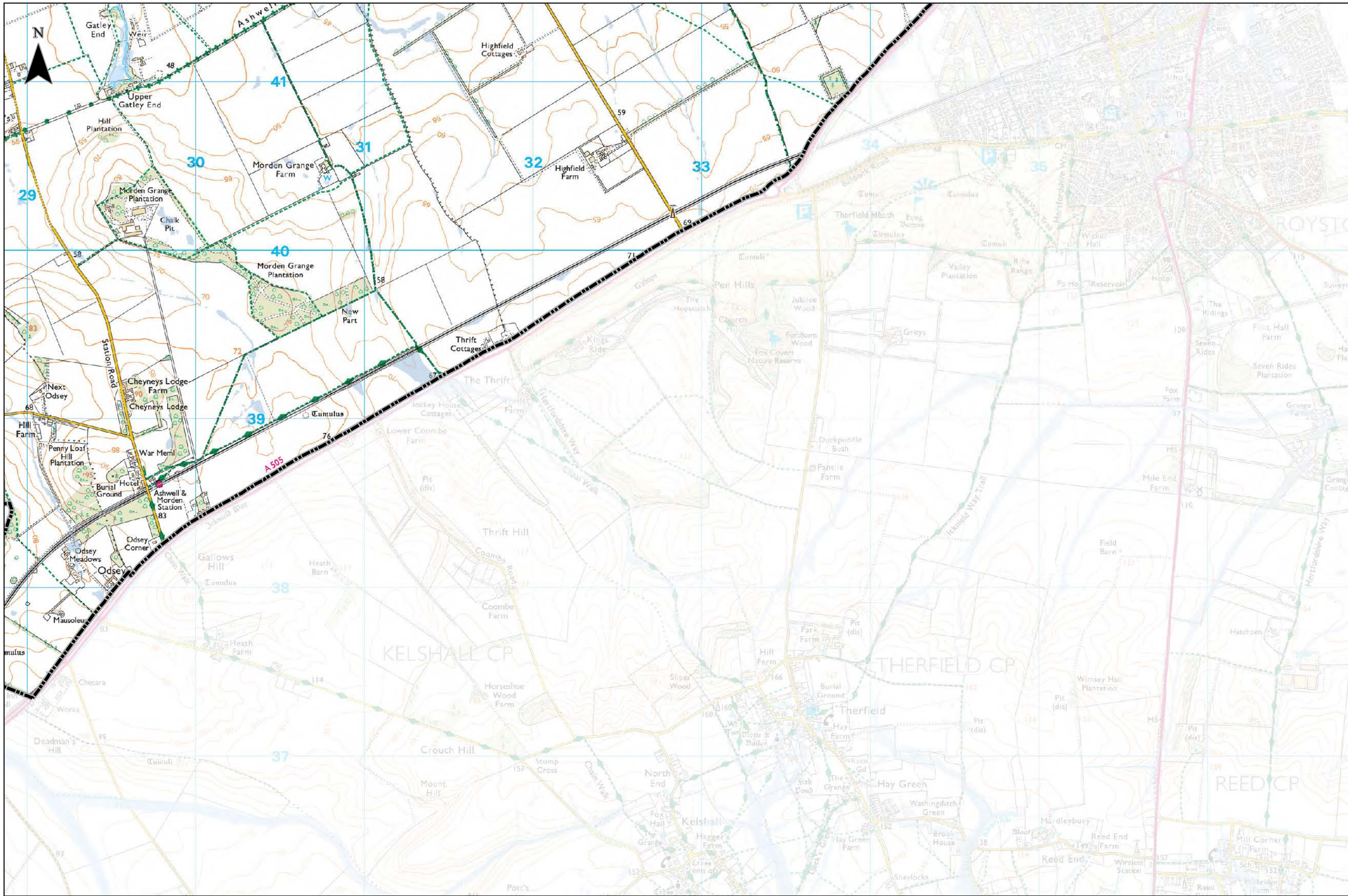
Modelled Climate Change Flood Extents

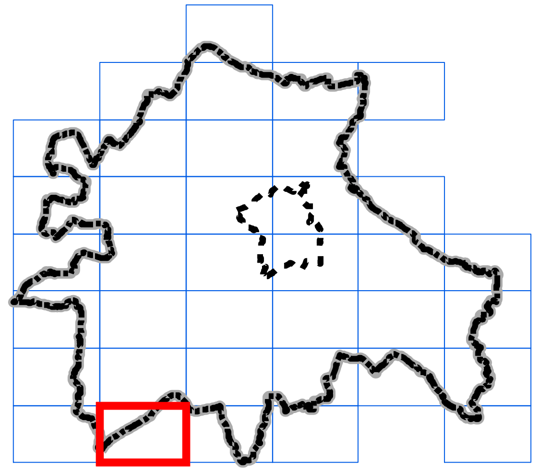
0 1 2 km

Sheet Number: 33 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

Cambridge City Boundary

South Cambridgeshire Boundary

Food Zone 2 Extent

1000yr RoFSW Extent

Modelled Climate Change Flood Extents

100yr +20%

100yr +35%

100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client

GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

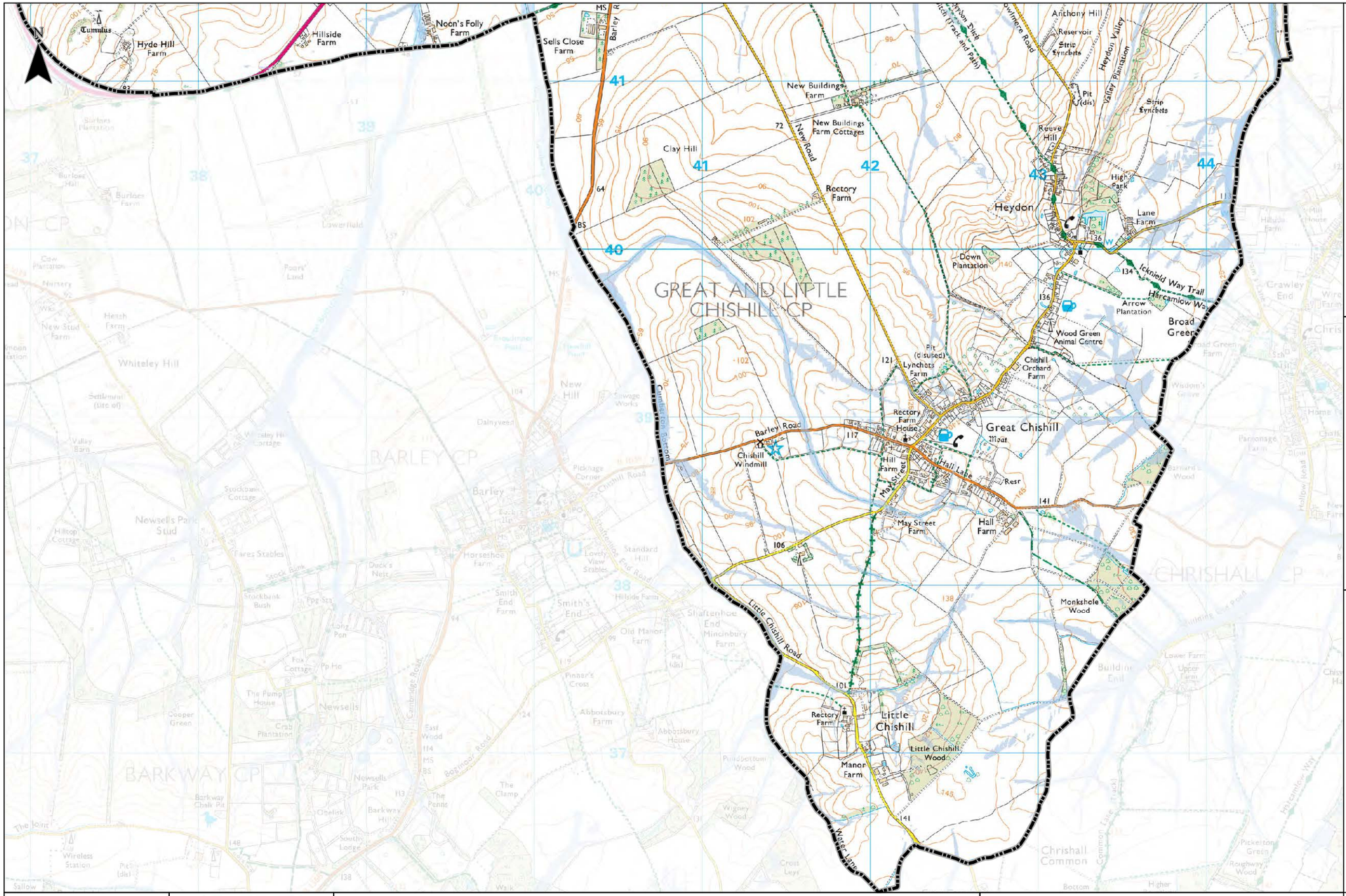
Modelled Climate Change Flood Extents

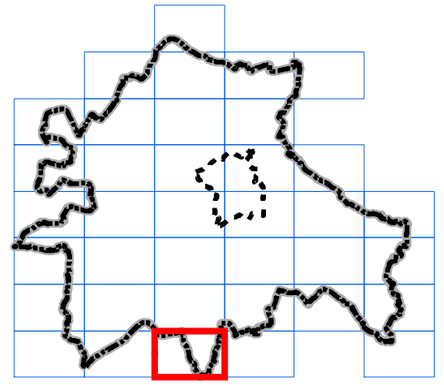
0 1 2 km

Sheet Number:

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

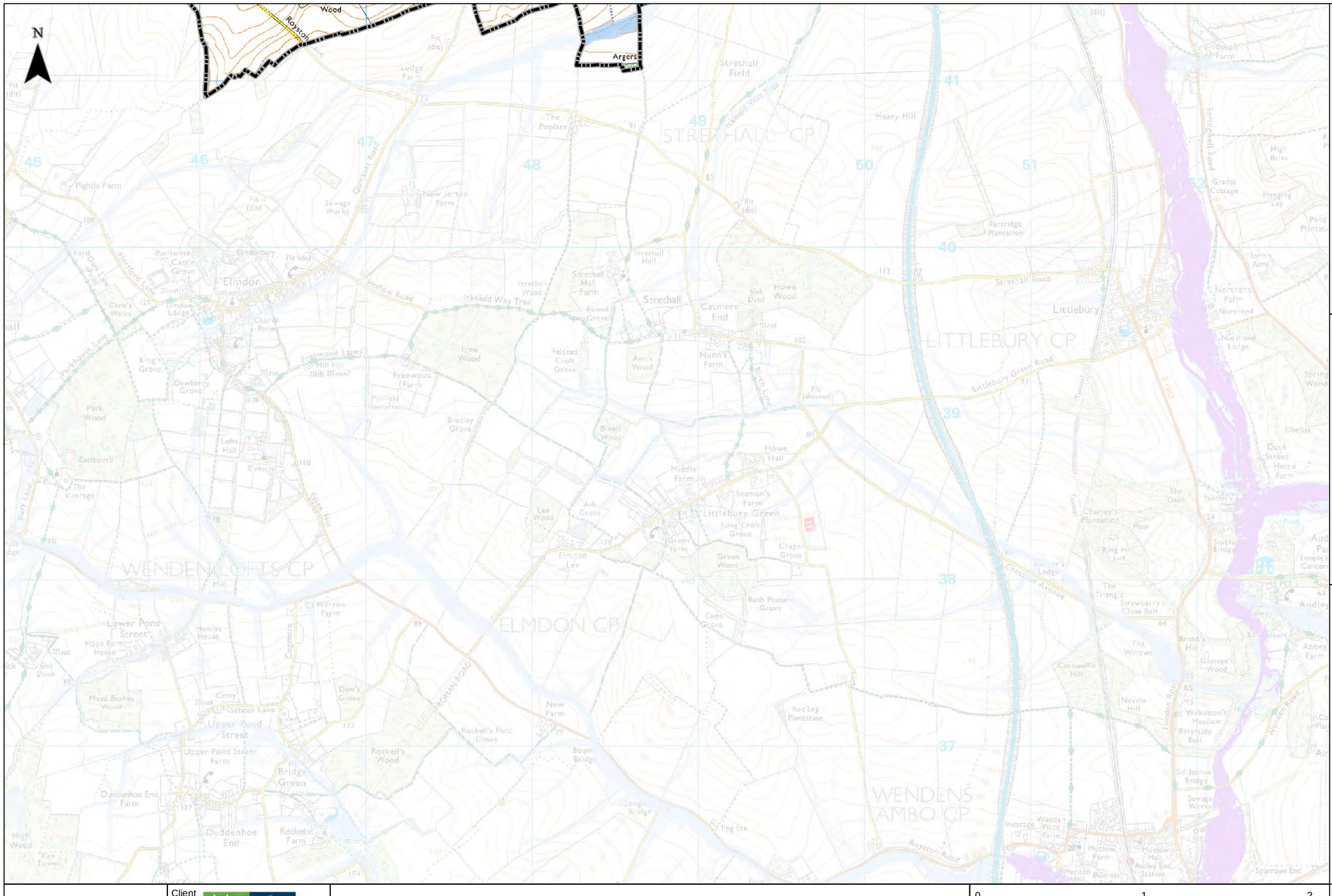
Modelled Climate Change Flood Extents

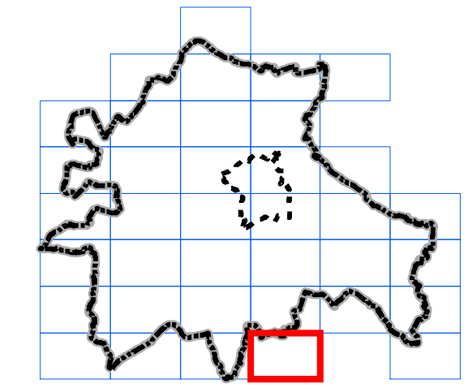
0 1 2 km

Sheet Number: 35 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

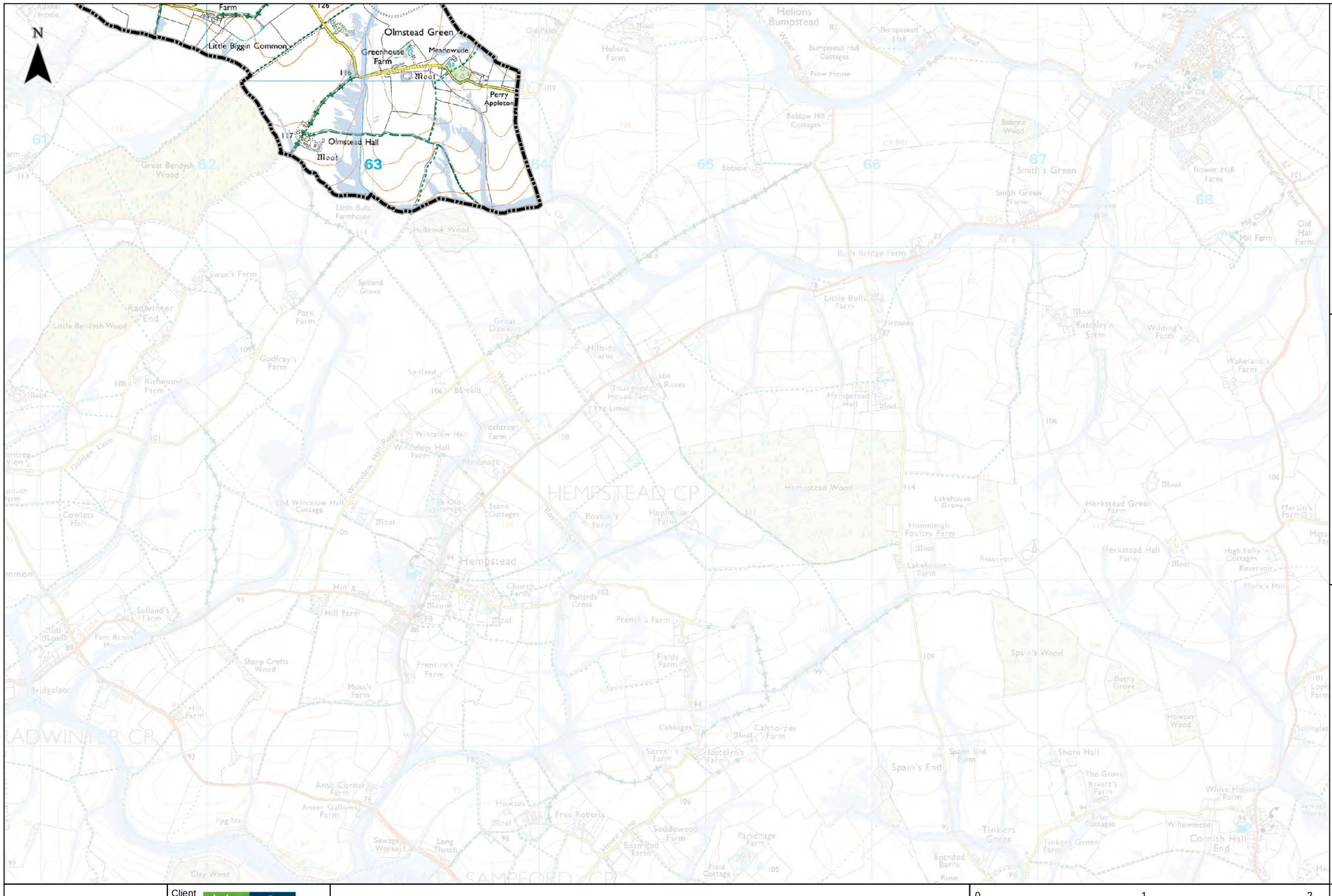
Modelled Climate Change Flood Extents

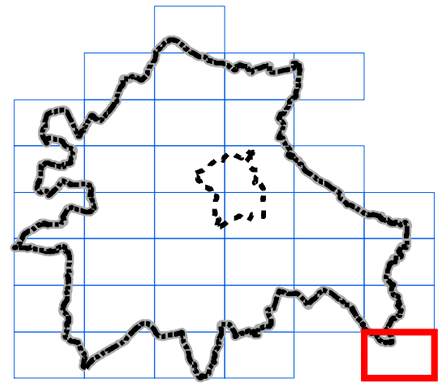
0 1 2 km

Sheet Number: 36 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd





Legend

Study Area

- Cambridge City Boundary
- South Cambridgeshire Boundary
- Food Zone 2 Extent
- 1000yr RoFSW Extent

Modelled Climate Change Flood Extents

- 100yr +20%
- 100yr +35%
- 100yr +65%

Notes

The Modelled Flood Extents map combines multiple model outputs to indicate modelled extents for the 1 in 100 year (1%) plus 20%, 35%, and 65% climate change events. The majority of model outputs were provided by the Environment Agency (EA).

Models included in these are as follows:
- Cam Lodes Model (2012)
- Cam Urban Model (2012) [Modelled by Stantec]
- Cam Rural Model (2014)
- Lower Ouse Model (2015)

The type of model utilised by these is an ISIS-TuFLOW 1D-2D model.

Some model climate change extents, such as those from the Gough Way Model, are not accepted by the EA and therefore are not included.

Where hydraulic model extents are not available, the maximum extent of either the 1 in 1000 year (0.1%) surface water or Flood Zone 2 extent should be used as a conservative estimate of the potential imacts of climate change.

Stantec

Client: GREATER CAMBRIDGE SHARED PLANNING

Greater Cambridge Integrated Water Management Study

Modelled Climate Change Flood Extents

0 1 2 km

Sheet Number: 37 of 37

1:23,960 @ A3	Date: 06/08/2021
Drawn: MD	Checked: PJ
Figure: 48444/4005/GIS031	Rev A

Document Path: J:\48444 Greater Cambridge Water Cycle Study\GIS\Workspaces\48444 GIS031 Modelled CC Flood Extents.mxd