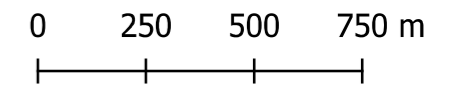


Legend

- Raised defences
- Maximum Flood Depths (m)
- 0.00 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- 3.00 - 4.00
- 4.00 - 5.00
- > 5.00
- Goole L2 SFRA Study Area

Modelled using Environment Agency 2016 Upper Humber model. The 2016 fluvial model inputs have been updated with the climate change allowance of +50%. The tidal boundary remained the same as in the 2016 model set up.



Rev	Drawn	Chkd	Appd	Date

Purpose of Issue
S2 - Issued for Information

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Drawing
Appendix C.3: Upper Humber Fluvial Overtopping Results 1% AEP with Climate Change Flood Depths

Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW

Project No	Date
CS093155	22/1/2020

Drawing Identifier	Revision
CS093155-CAP-00-XX-DR-Z-0007	P01

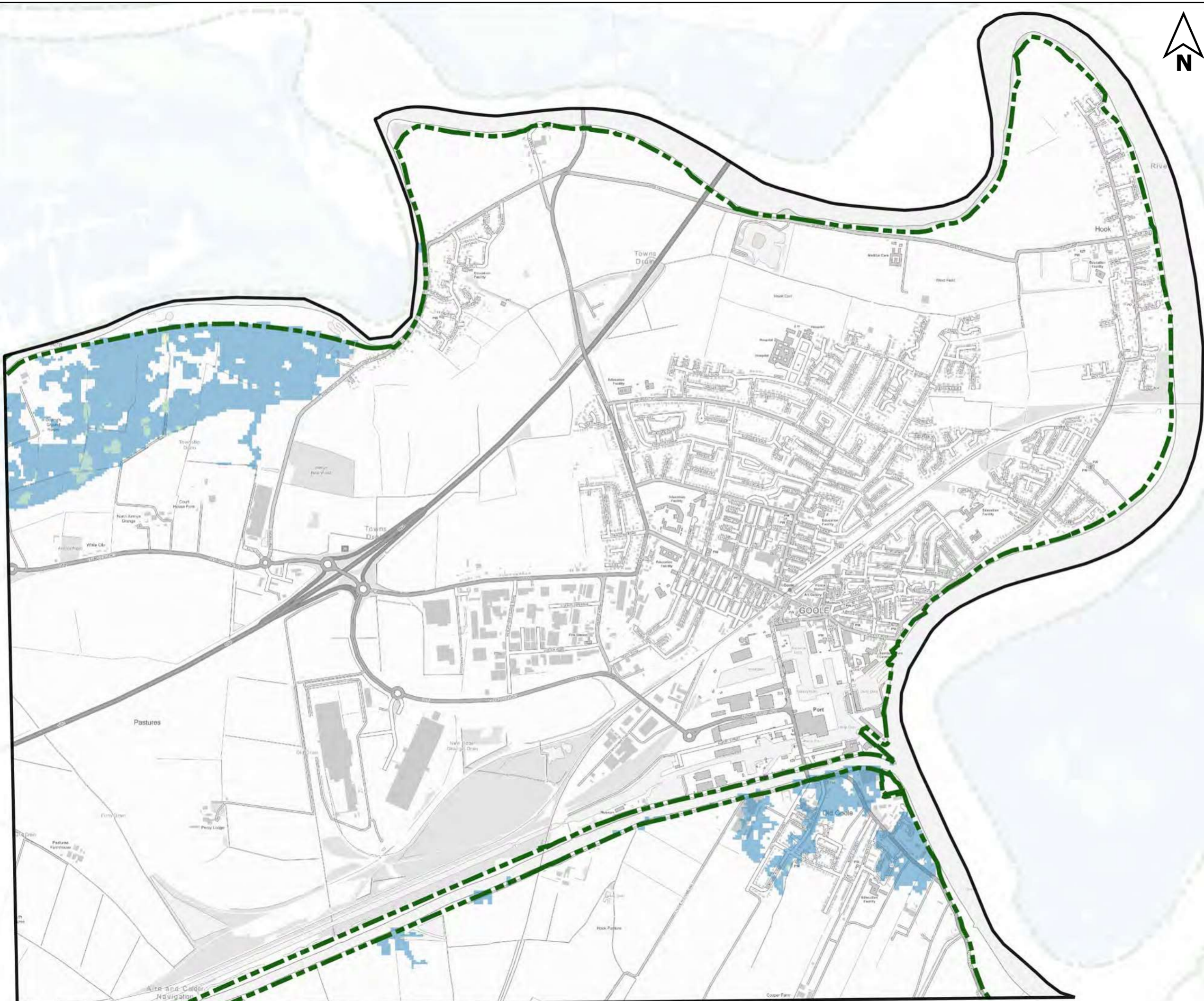


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Appendix F

SFRA TIDAL FLOOD MAP



Legend

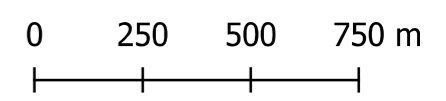
- Raised defences

Maximum Flood Depths (m)

- 0.00 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- 3.00 - 4.00
- 4.00 - 5.00
- > 5.00

Goole L2 SFRA Study Area

Modelled using Environment Agency 2016 Upper Humber defended model which used joint probability scenarios per design AEP merged to provide a single depth grid.



Rev	Drawn	Chkd	Appd	Date

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Drawing
Appendix B.3: Upper Humber Present Day 0.5% AEP Overtopping Results Flood Depths

Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW
Project No	Date		
CS093155	22/1/2020		
Drawing Identifier	Revision		
CS093155-CAP-00-XX-DR-Z-0009	P01		

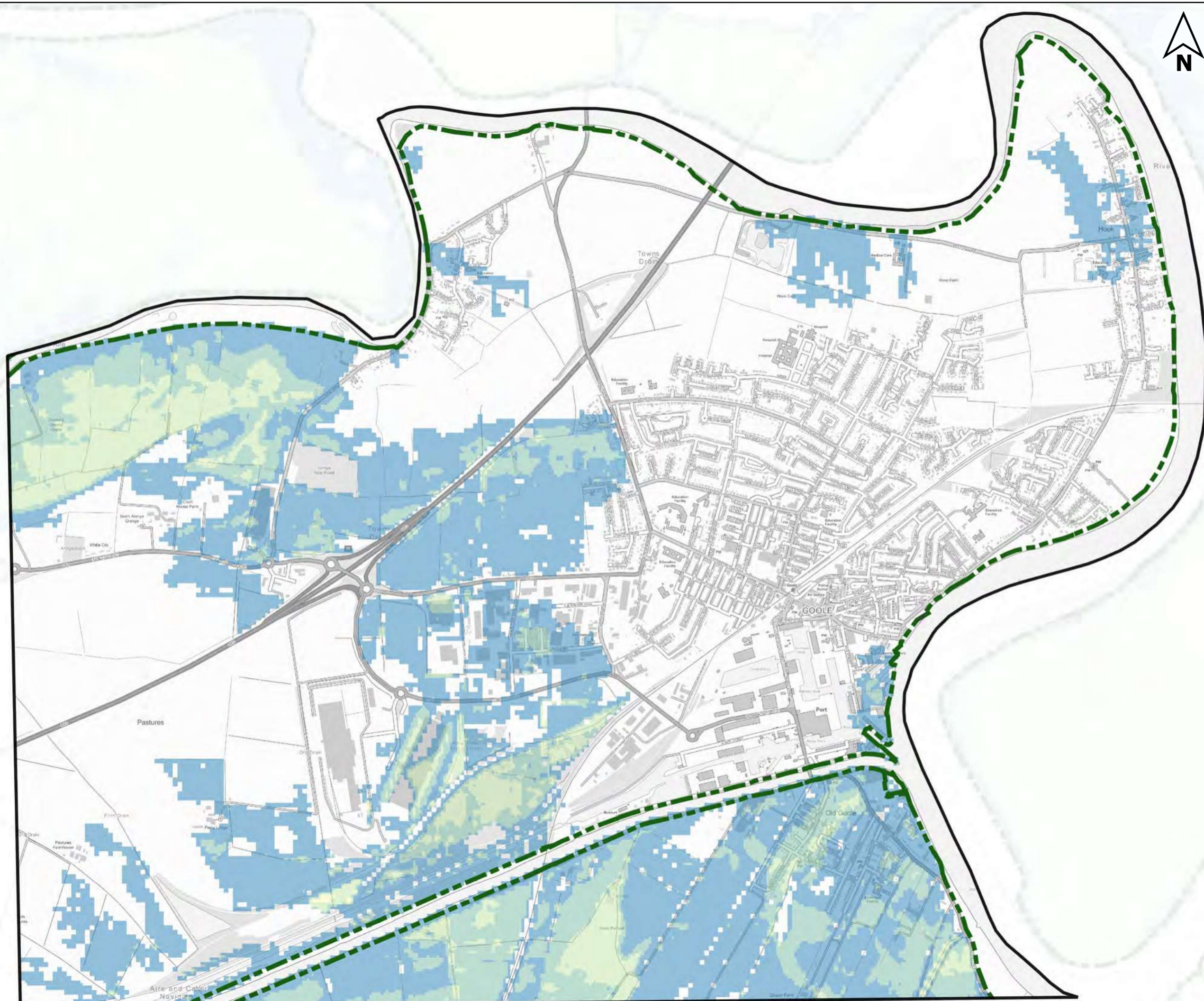


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Appendix G

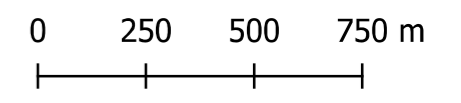
SFRA TIDAL FLOOD MAP ACCOUNTING FOR CLIMATE CHANGE



Legend

- Raised defences
- Maximum Flood Depths (m)
- 0.00 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- 3.00 - 4.00
- 4.00 - 5.00
- > 5.00
- Goole L2 SFRA Study Area

Modelled using Environment Agency 2016 Upper Humber model. The 2016 tidal boundary has been updated with the predicted sea level rise of 1.109m. The fluvial inputs remain the same as the 2016 model.



Rev	Drwn	Chkd	Appd	Date

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Drawing
Appendix C.1: Upper Humber Tidal Overtopping Results 0.5% AEP with Climate Change Flood Depths

Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW
Project No			Date
CS093155			22/1/2020
Drawing Identifier			Revision
CS093155-CAP-00-XX-DR-Z-0011			P01

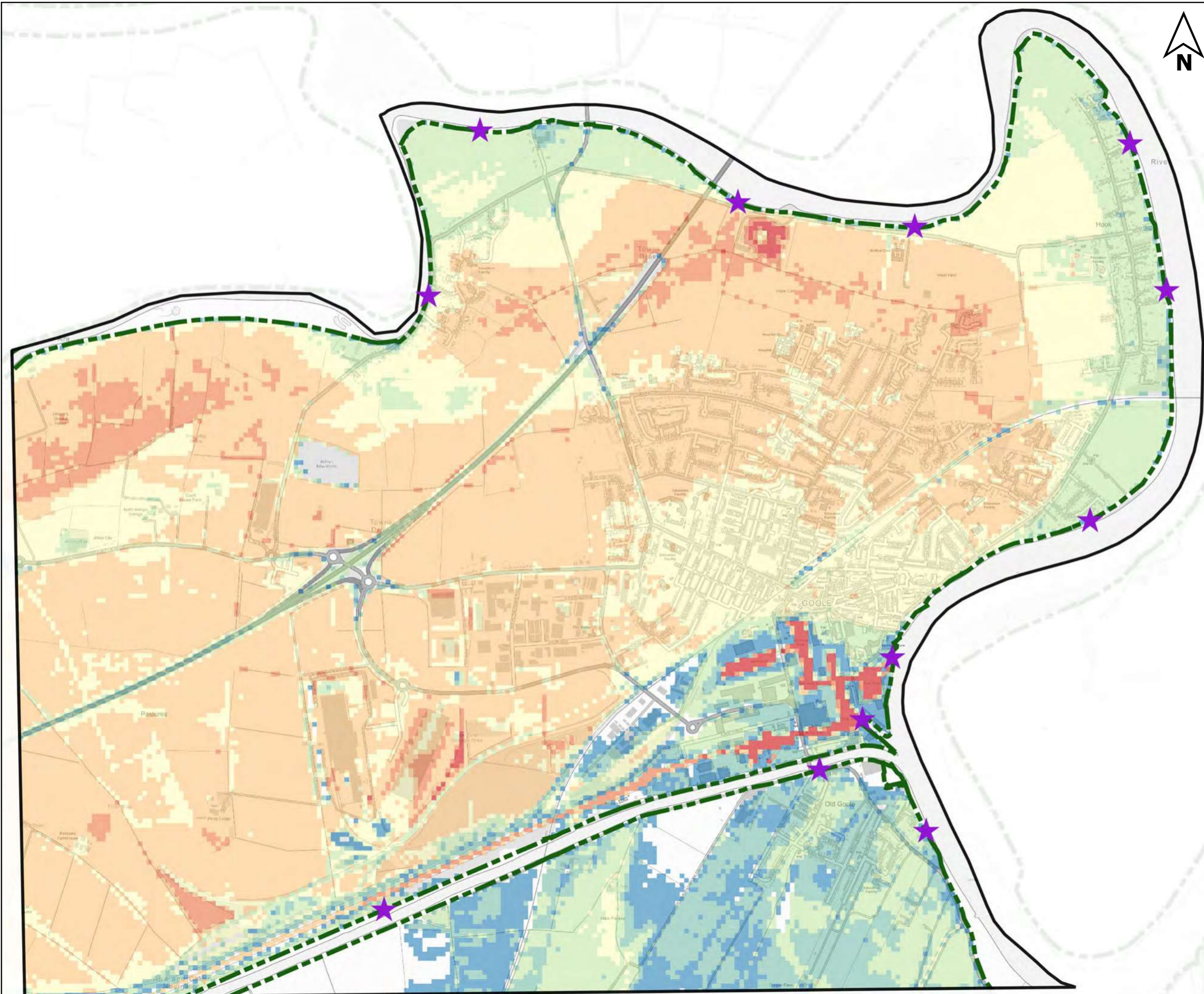


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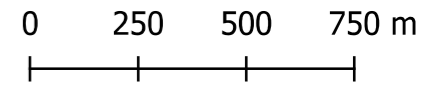
Appendix H

SFRA BREACH FLOOD MAP



Legend

- ★ Breach Locations
- Raised defences
- Maximum Flood Depths (m)
- 0.00 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- 3.00 - 4.00
- 4.00 - 5.00
- >5
- Goole L2 SFRA Study Area



Rev	Drawn	Chkd	Appd	Date

Purpose of Issue
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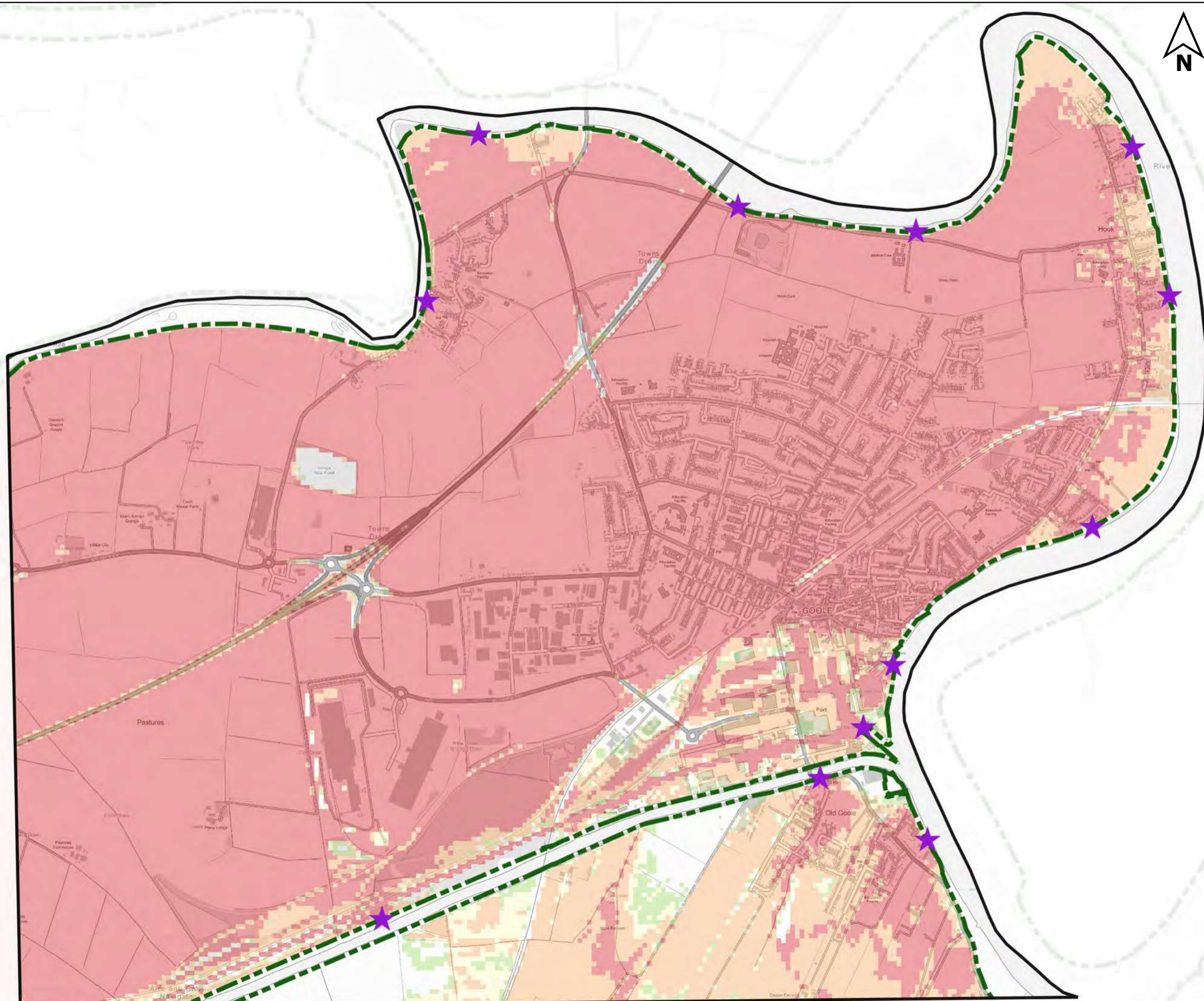
Project
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Drawing
 Appendix D.1: Goole Level 2 SFRA 0.5% AEP with Climate Change Combined Breach Flood Depths

Scale at A3 1:17500	Drawn MDS	Checked CG	Approved MW
Project No CS093155	Date 22/1/2020		
Drawing Identifier CS093155-CAP-00-XX-DR-Z-0002	Revision P01		

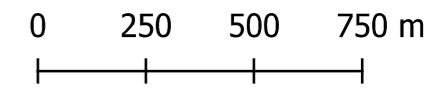
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Legend

- ★ Breach Locations
- Raised defences
- Flood Hazard**
- Very low hazard - caution (< 0.75)
- Danger for some (0.75 - 1.25)
- Danger for most (1.25 - 2.00)
- Danger for all (> 2.00)
- Goole L2 SFRA Study Area



Rev	Drwn	Chkd	Appd	Date

Purpose of Issue
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Drawing
 Appendix D.2: Goole Level 2 SFRA 0.5% AEP with Climate Change Combined Breach Flood Hazard

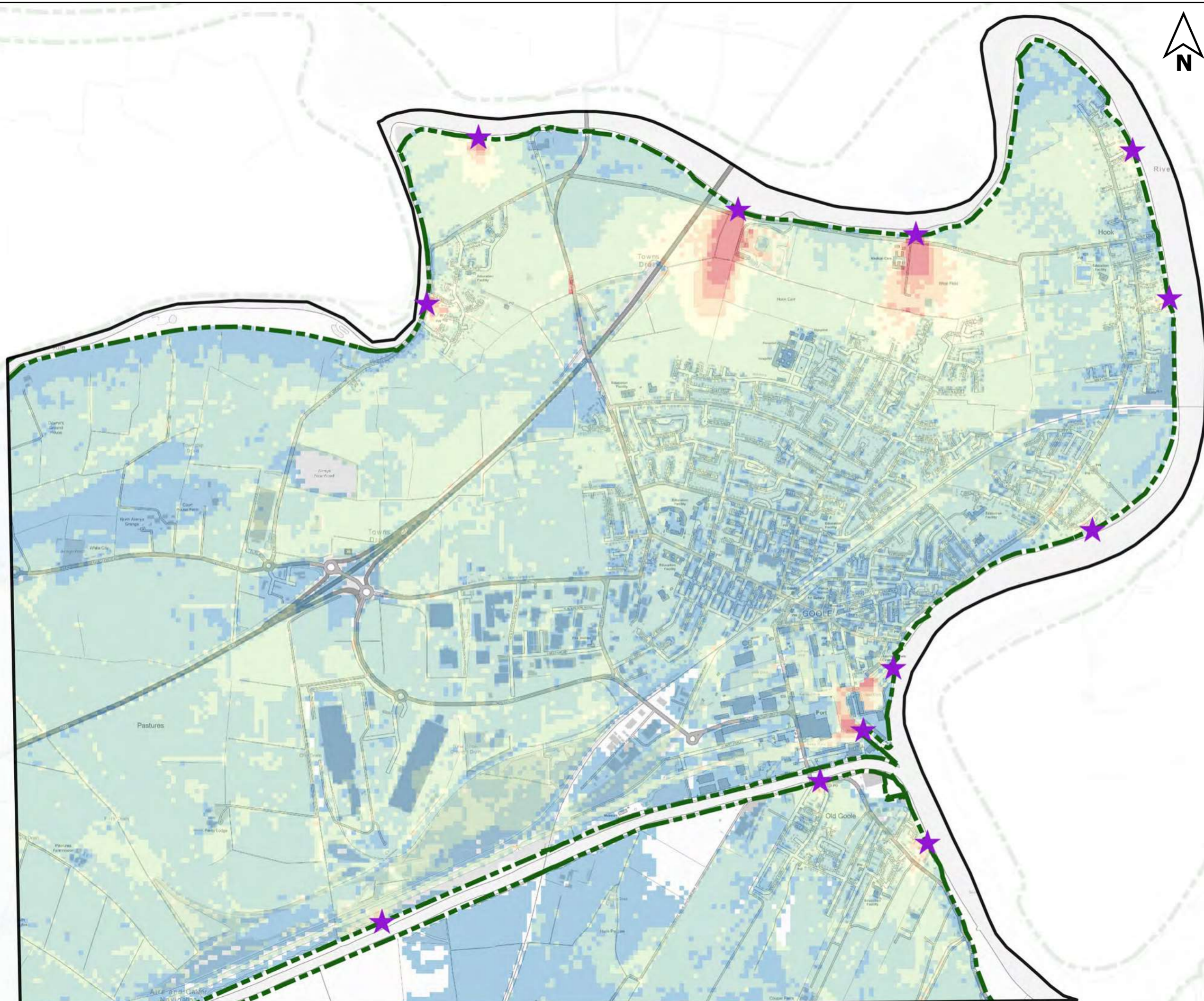
Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW

Project No	Date
CS093155	22/1/2020

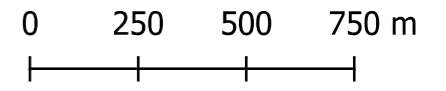
Drawing Identifier	Revision
CS093155-CAP-00-XX-DR-Z-0003	P01

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- ### Legend
- ★ Breach Locations
 - Raised defences
- Maximum Flood Velocity (m/s)
- 0.00 - 0.50
 - 0.50 - 1.00
 - 1.00 - 2.00
 - 2.00 - 3.00
 - 3.00 - 4.00
 - 4.00 - 5.00
 - > 5.00
 - Goole L2 SFRA Study Area



Rev	Drwn	Chkd	Appd	Date

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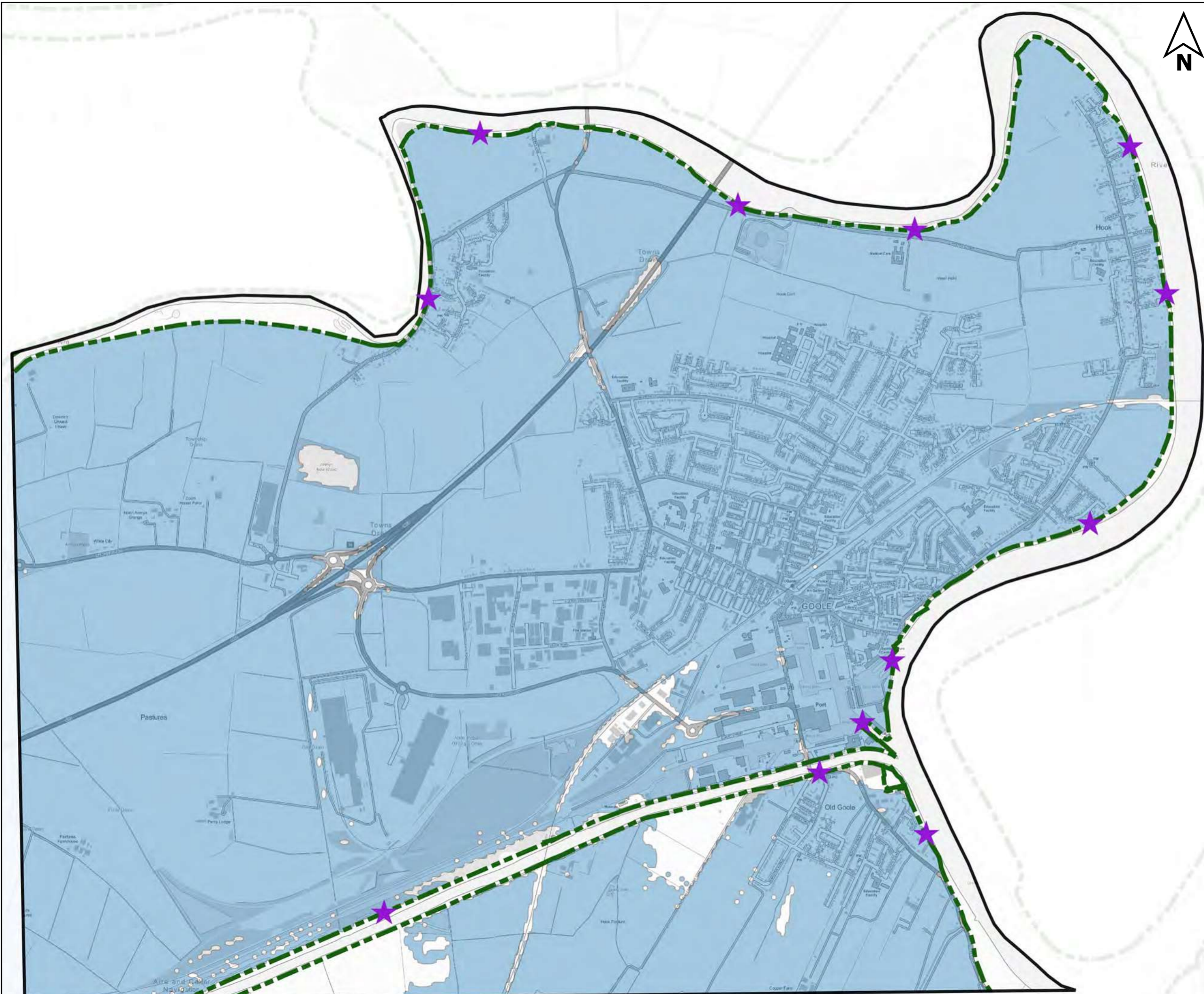
Drawing
Appendix D.3: Goole Level 2 SFRA 0.5% AEP with Climate Change Combined Breach Flood Velocity

Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW
Project No	Date		
CS093155	22/1/2020		
Drawing Identifier	Revision		
CS093155-CAP-00-XX-DR-Z-0004	P01		






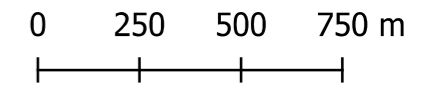
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Legend

-  Breach Locations
-  Maximum Flood Extent
-  Goole L2 SFRA Study Area



Rev	Drwn	Chkd	Appd	Date

Purpose of Issue
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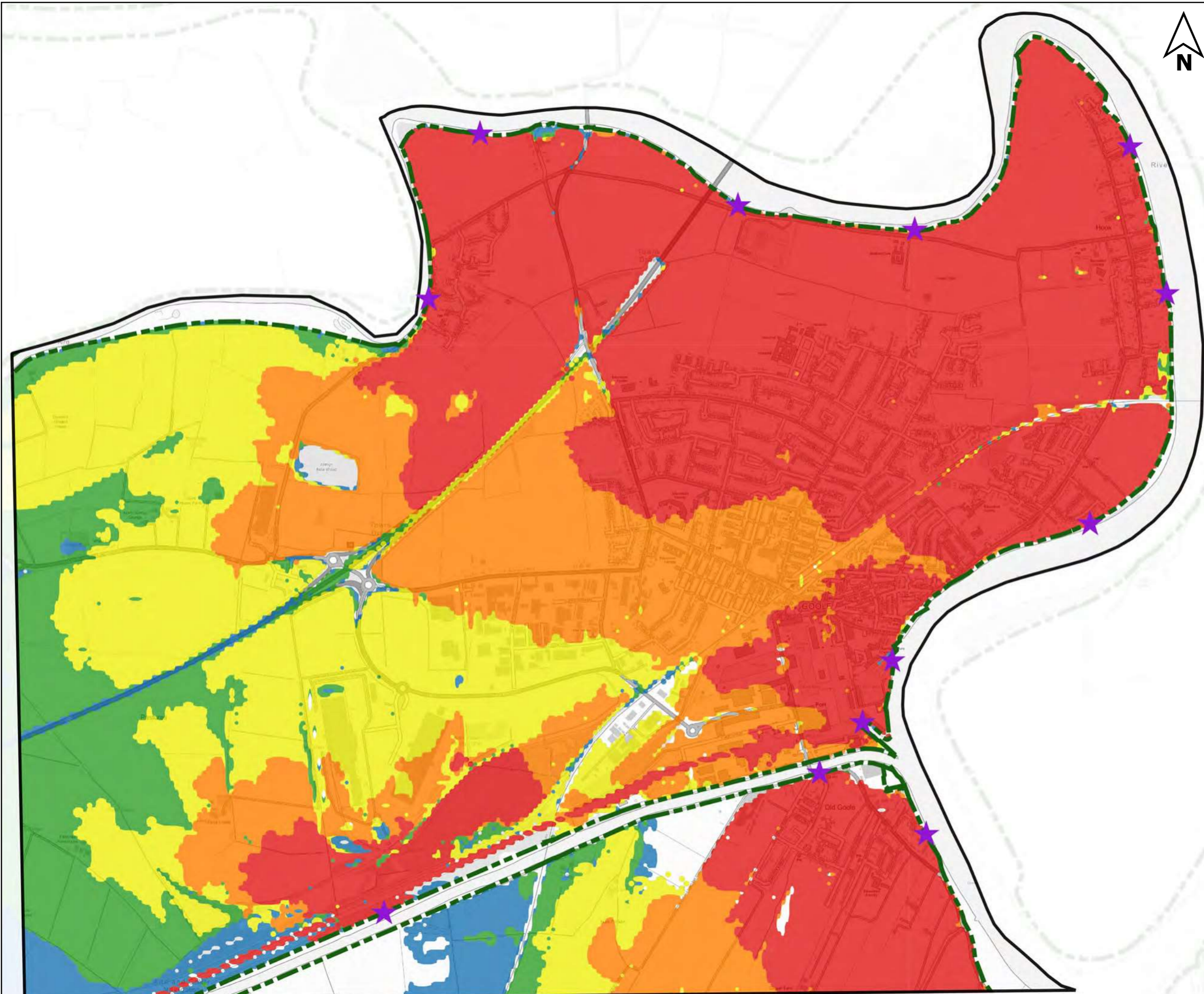
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Drawing
Appendix D.4: Goole Level 2 SFRA 0.5% AEP with Climate Change Combined Breach Maximum Flood Extent

Scale at A3	Drawn	Checked	Approved
1:17500	MDS	CG	MW
Project No	Date		
CS093155	22/1/2020		
Drawing Identifier	Revision		
CS093155-CAP-00-XX-DR-Z-0001	P01		

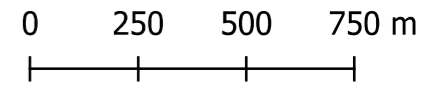
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Legend

- ★ Breach Locations
- Raised defences
- Less than 0.5 hours
- 0.5 - 1 hours
- 1 - 2 hours
- 2 - 3 hours
- Longer than 3 hours
- Goole L2 SFRA Study Area



Rev	Drwn	Chkd	Appd	Date

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Drawing
 Appendix D.5: Goole Level 2 SFRA 0.5% AEP with Climate Change Ingress of Flooding

Scale at A3 1:17500	Drawn MDS	Checked CG	Approved MW
Project No CS093155	Date 22/1/2020		
Drawing Identifier CS093155-CAP-00-XX-DR-Z-0013	Revision P01		

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Appendix I

GROUNDWATER FLOOD MAP