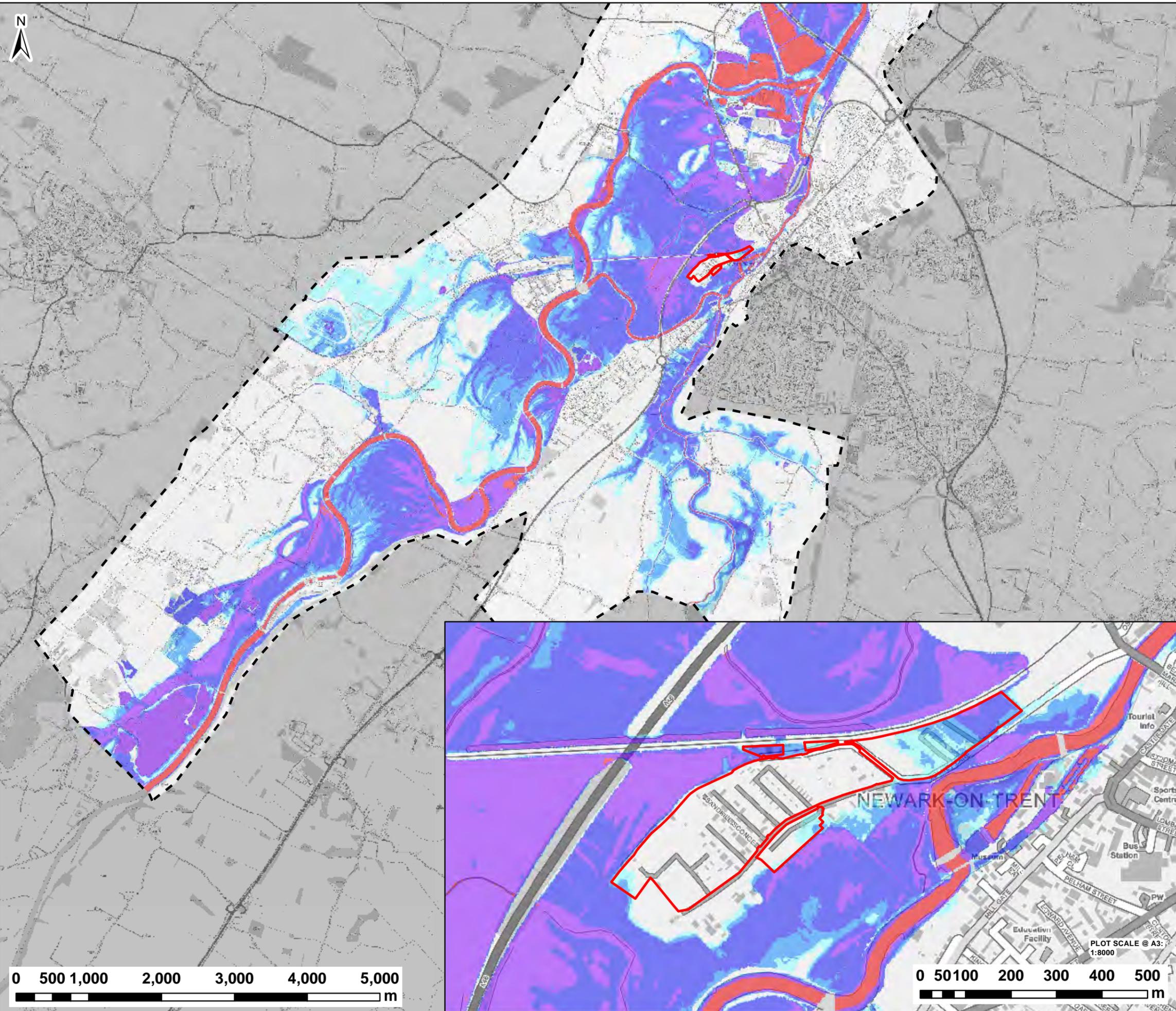


Appendix F Flood Mapping

Existing Site Layout (EXG) Flood Mapping



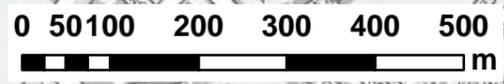
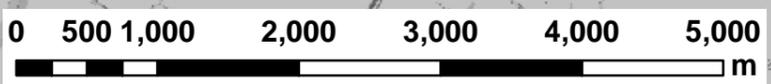
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

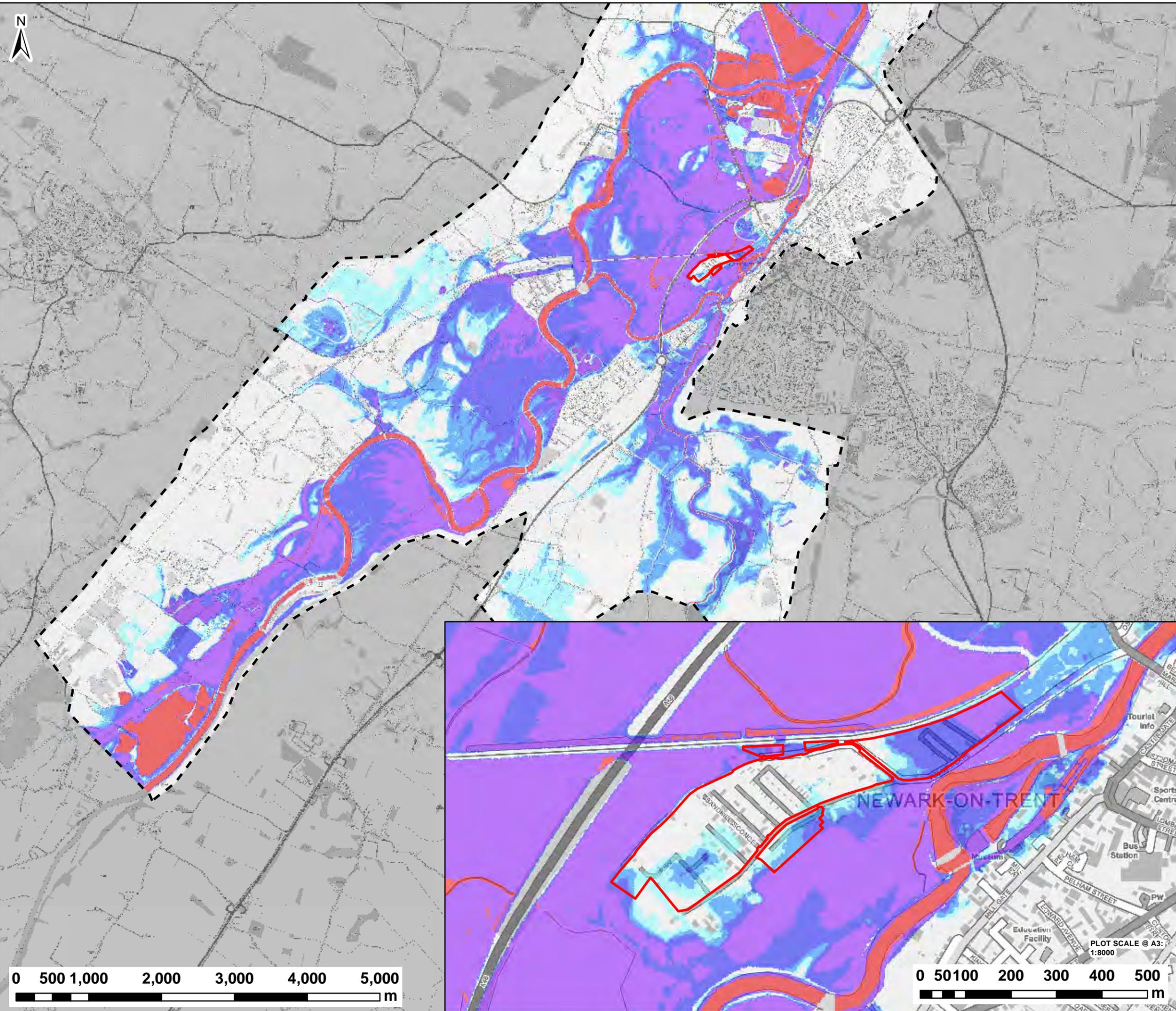
- Site Location
- 2D Model Extent

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



  www.waterco.co.uk			
CLIENT:			
SCHEME: TOLNEY LANE, NEWARK			
PLOT TITLE: MAXIMUM FLOOD DEPTH 5% AEP FLUVIAL EVENT EXISTING SITE LAYOUT NORMAL FLOW CONDITIONS			
PLOT STATUS: FINAL		DATE: 24/04/2019	
DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 <small>(UNLESS STATED OTHERWISE)</small>
PLOT NAME: w3375-Q20_EXG_NFC_D			REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

Site Location

2D Model Extent

Maximum Flood Depth (m)

0 - 0.3

0.3 - 0.6

0.6 - 1.2

1.2 - 2.4

> 2.4



CLIENT:




www.waterco.co.uk

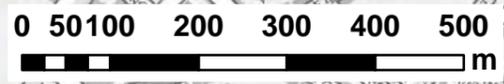
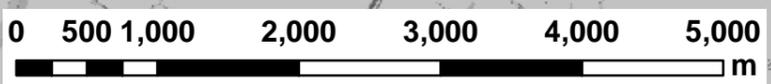
SCHEME:
**TOLNEY LANE,
NEWARK**

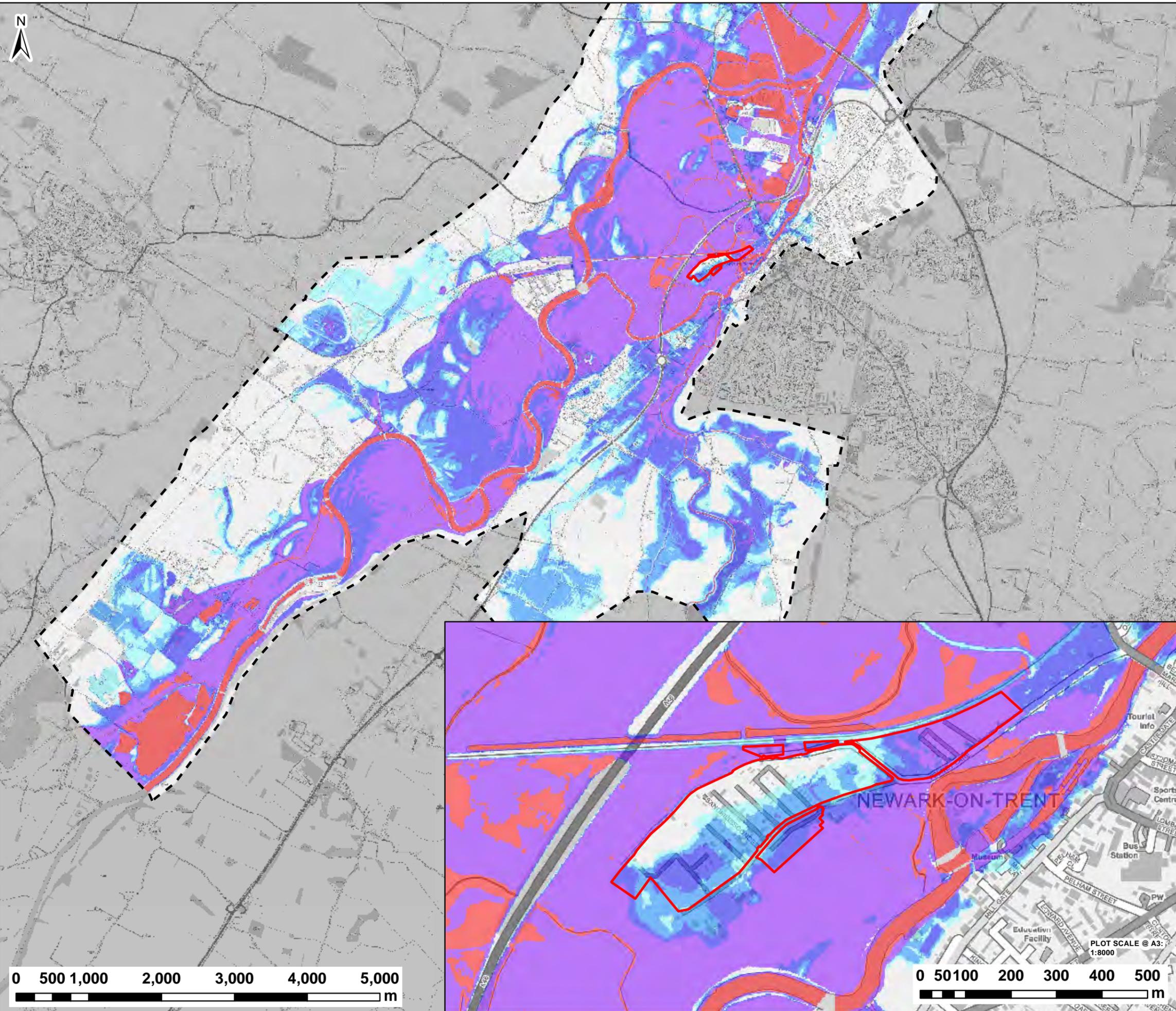
PLOT TITLE:
**MAXIMUM FLOOD DEPTH
1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
--------------	----------------	-----------------	---

PLOT NAME: w3375-Q100_EXG_NFC_D REV: -





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Flood Depth (m)**
- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:




www.waterco.co.uk

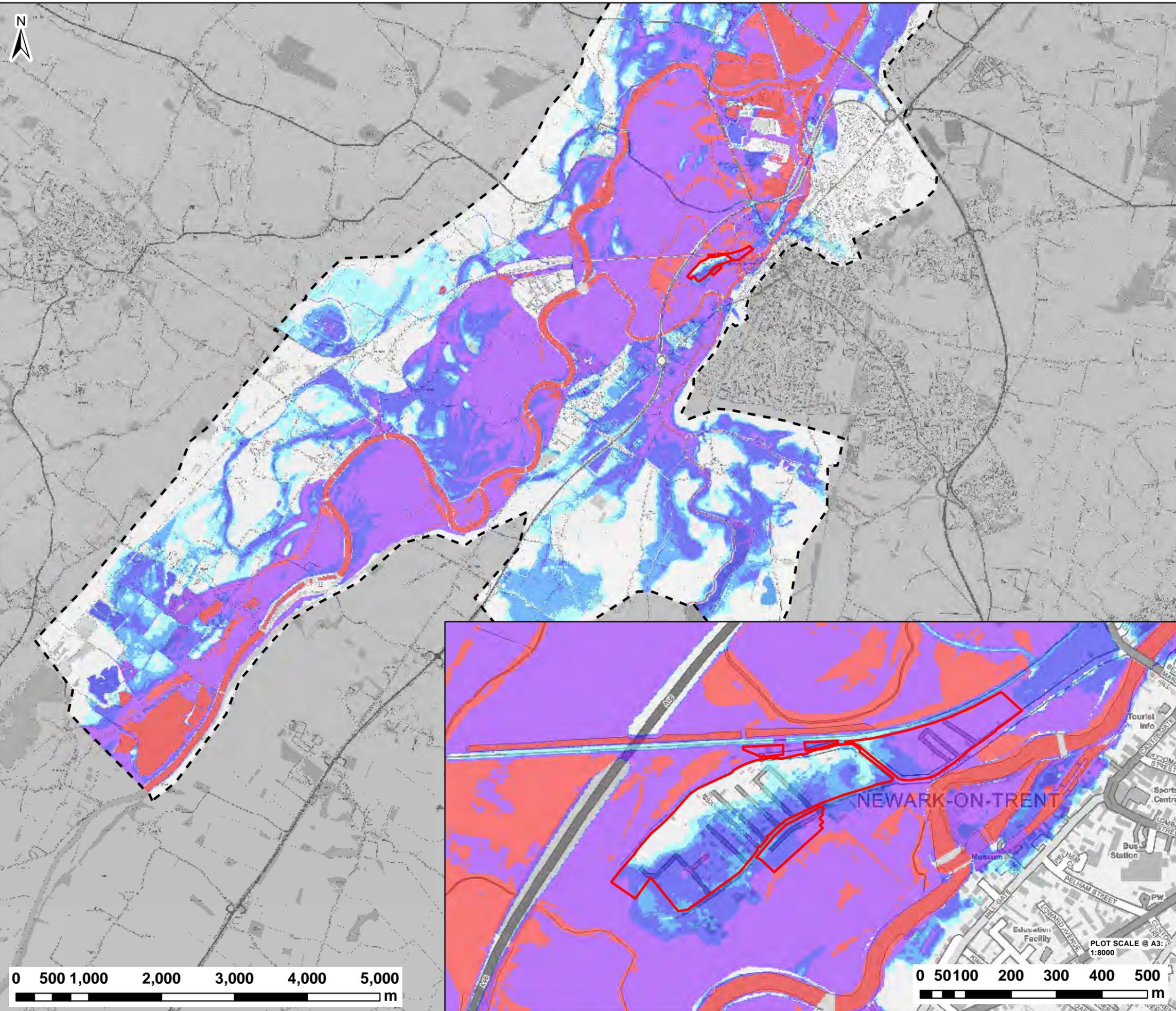
SCHEME:
**TOLNEY LANE,
NEWARK**

PLOT TITLE:
**MAXIMUM FLOOD DEPTH
1% AEP (+30%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100CC1_EXG_NFC_D REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

Site Location

2D Model Extent

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:




www.waterco.co.uk

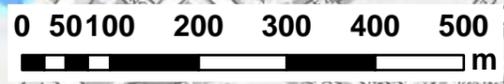
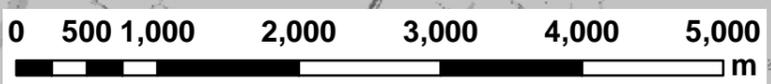
SCHEME:
TOLNEY LANE, NEWARK

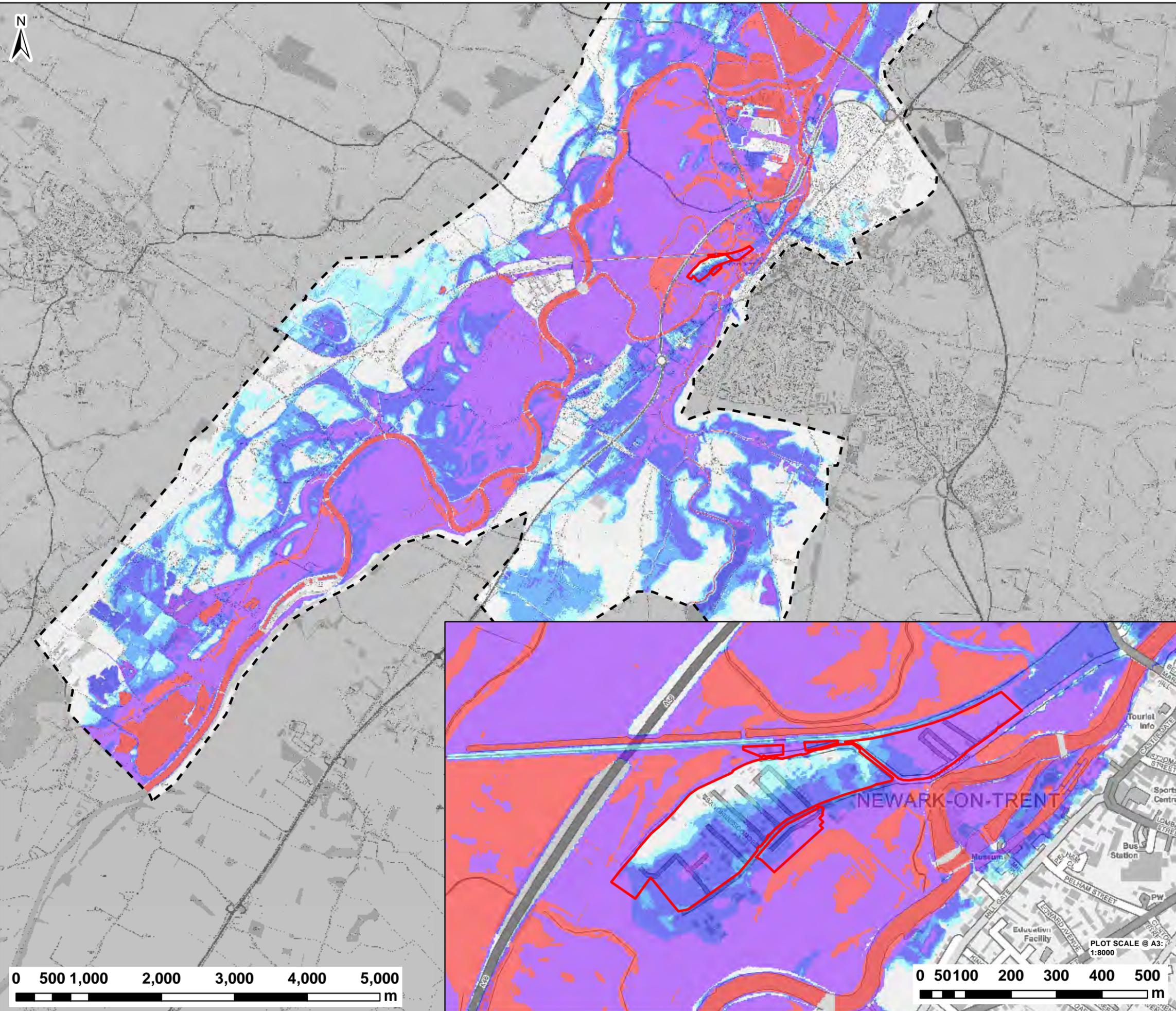
PLOT TITLE:
**MAXIMUM FLOOD DEPTH
1% AEP (+50%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100CC2_EXG_NFC_D REV: -





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

Site Location

2D Model Extent

Maximum Flood Depth (m)

0 - 0.3

0.3 - 0.6

0.6 - 1.2

1.2 - 2.4

> 2.4



CLIENT:

www.waterco.co.uk

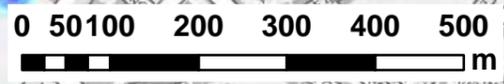
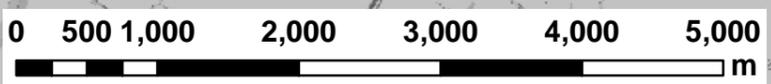
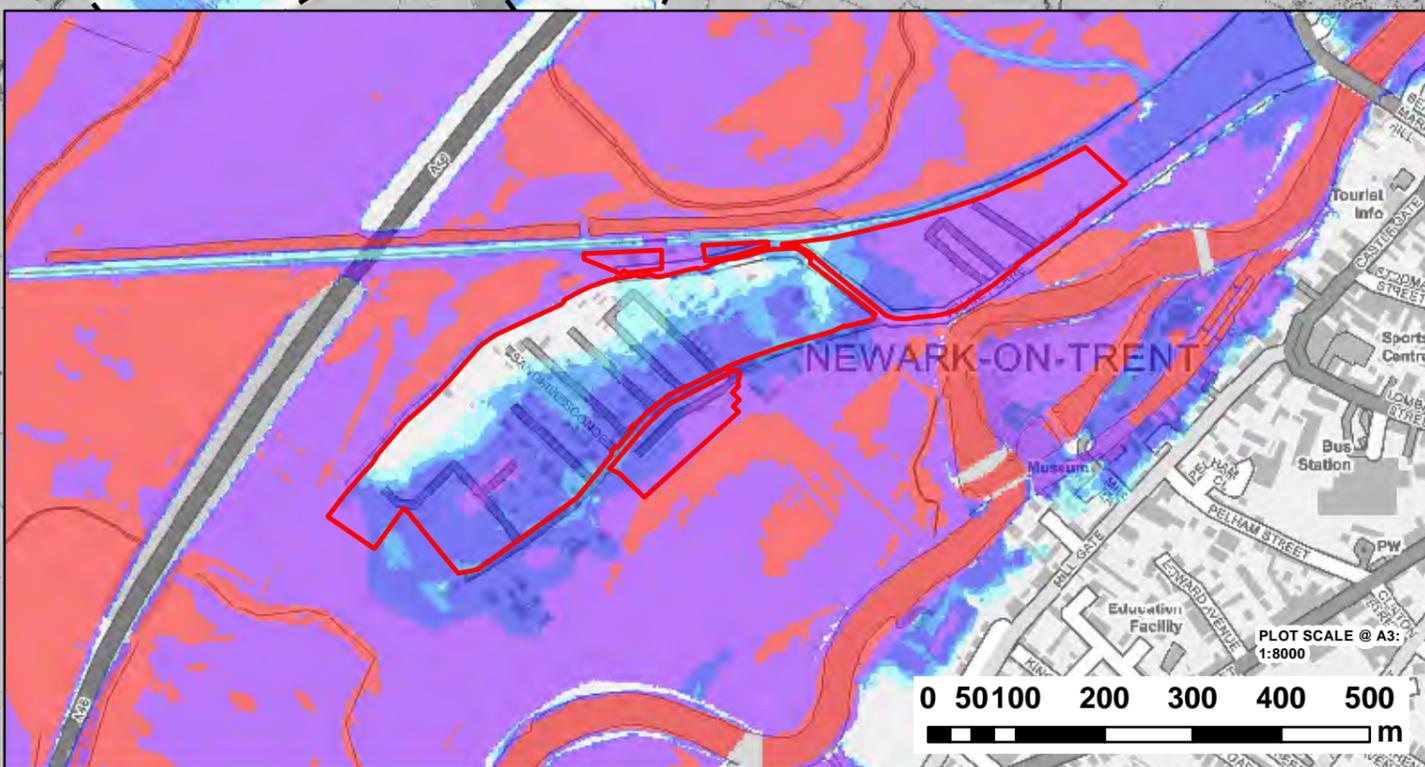
SCHEME:
**TOLNEY LANE,
NEWARK**

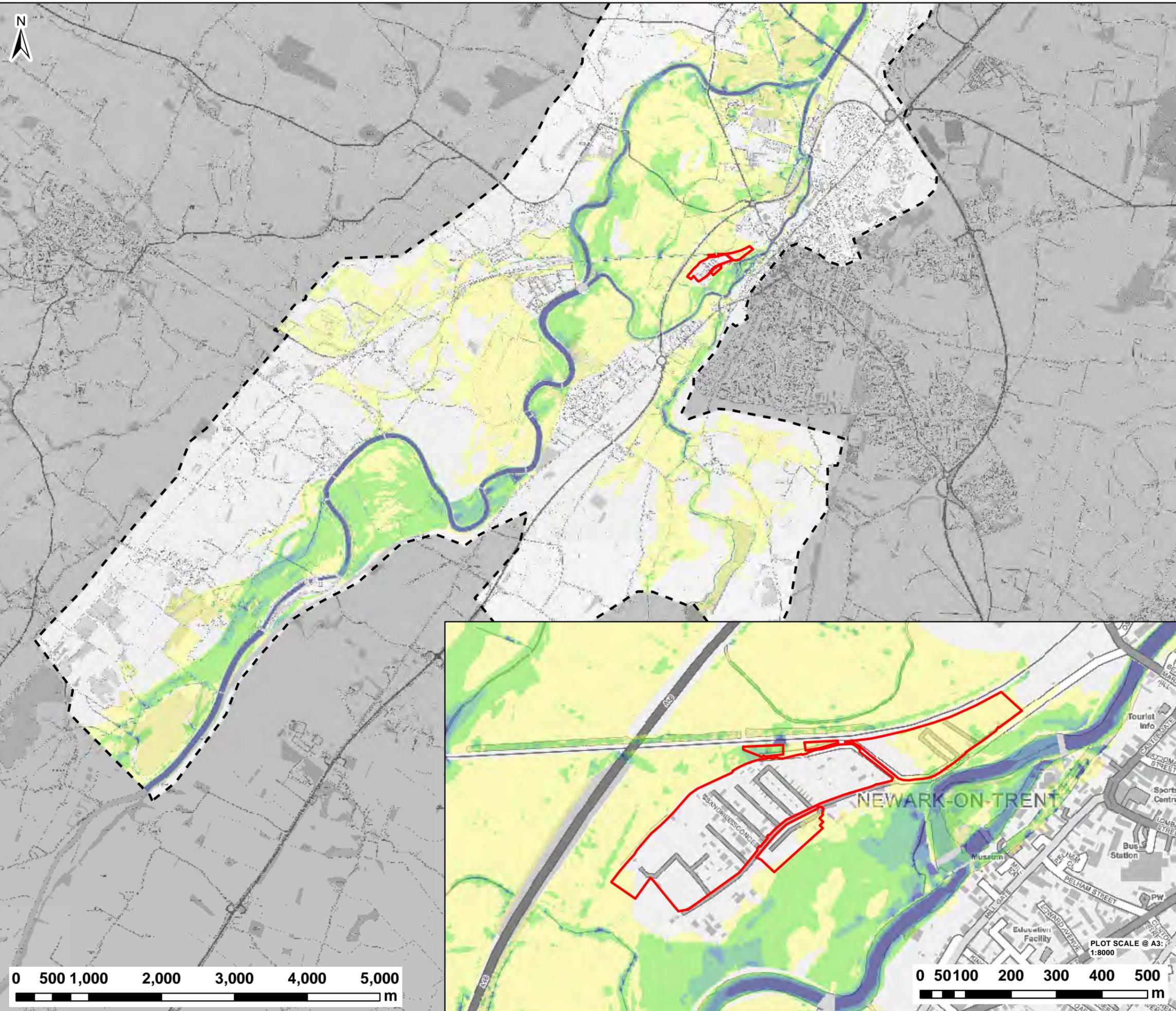
PLOT TITLE:
**MAXIMUM FLOOD DEPTH
0.1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q1000_EXG_NFC_D REV: -





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Velocity (m/s)**
- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM VELOCITY
5% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

24/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

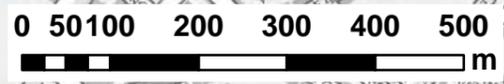
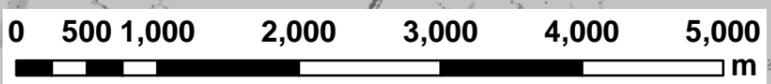
1:50,000
(UNLESS STATED OTHERWISE)

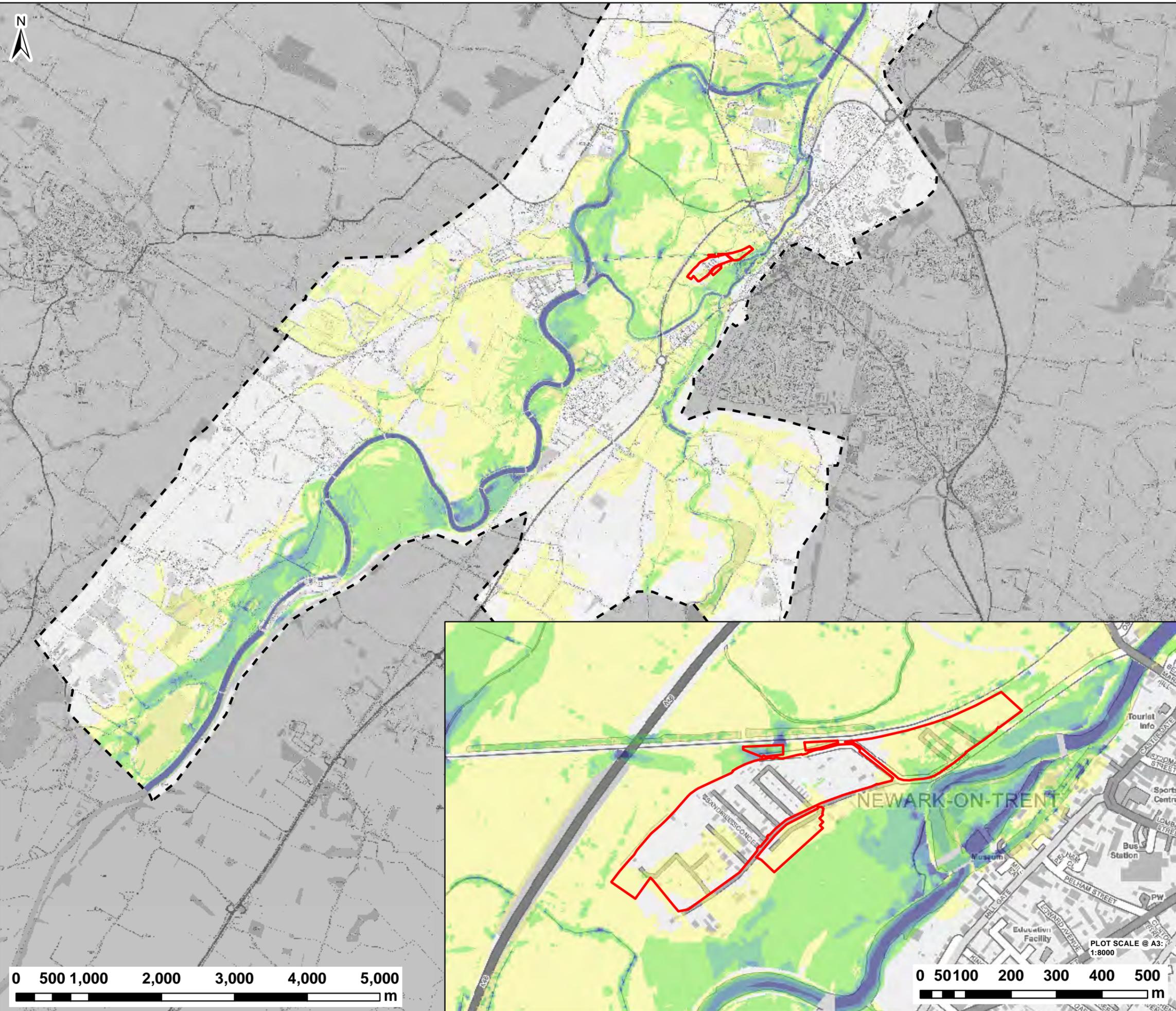
PLOT NAME:

w3375-Q20_EXG_NFC_V

REV:

-





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

Site Location

2D Model Extent

Maximum Velocity (m/s)

0.0 - 0.3

0.3 - 0.6

0.6 - 0.9

0.9 - 1.2

> 1.2



CLIENT:

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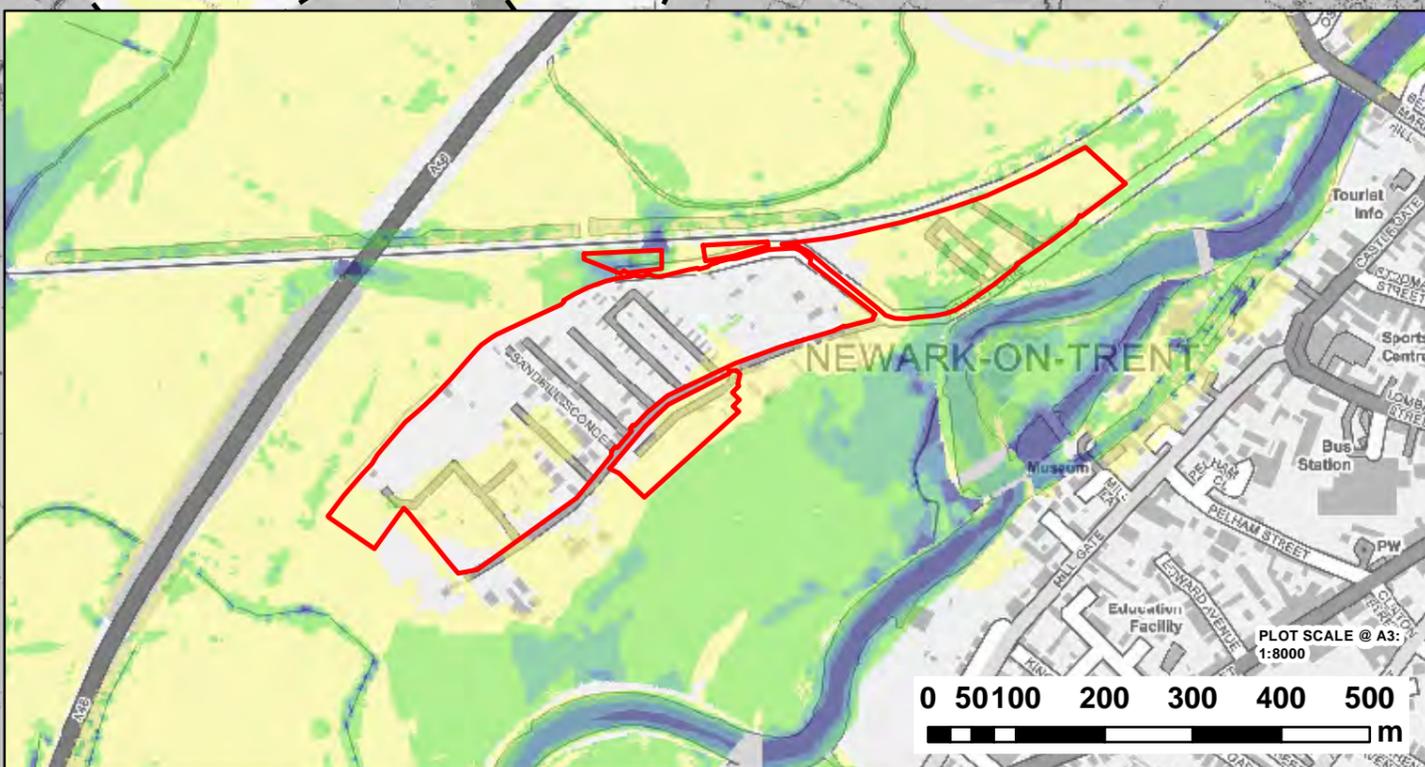
SCHEME:
TOLNEY LANE, NEWARK

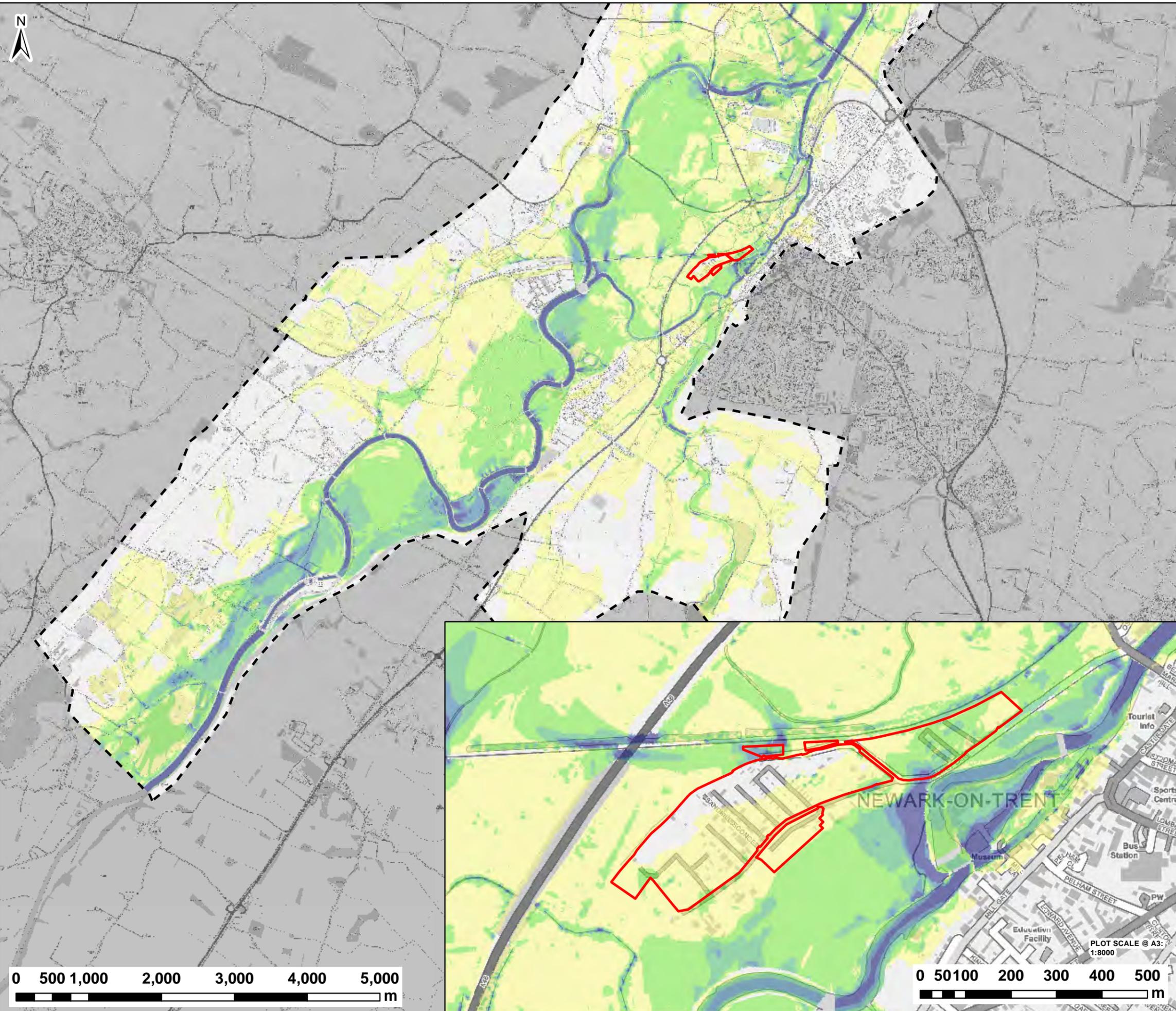
PLOT TITLE:
**MAXIMUM VELOCITY
1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_EXG_NFC_V REV: -





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Velocity (m/s)**
- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM VELOCITY
1% AEP (+30%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

24/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

1:50,000
(UNLESS STATED OTHERWISE)

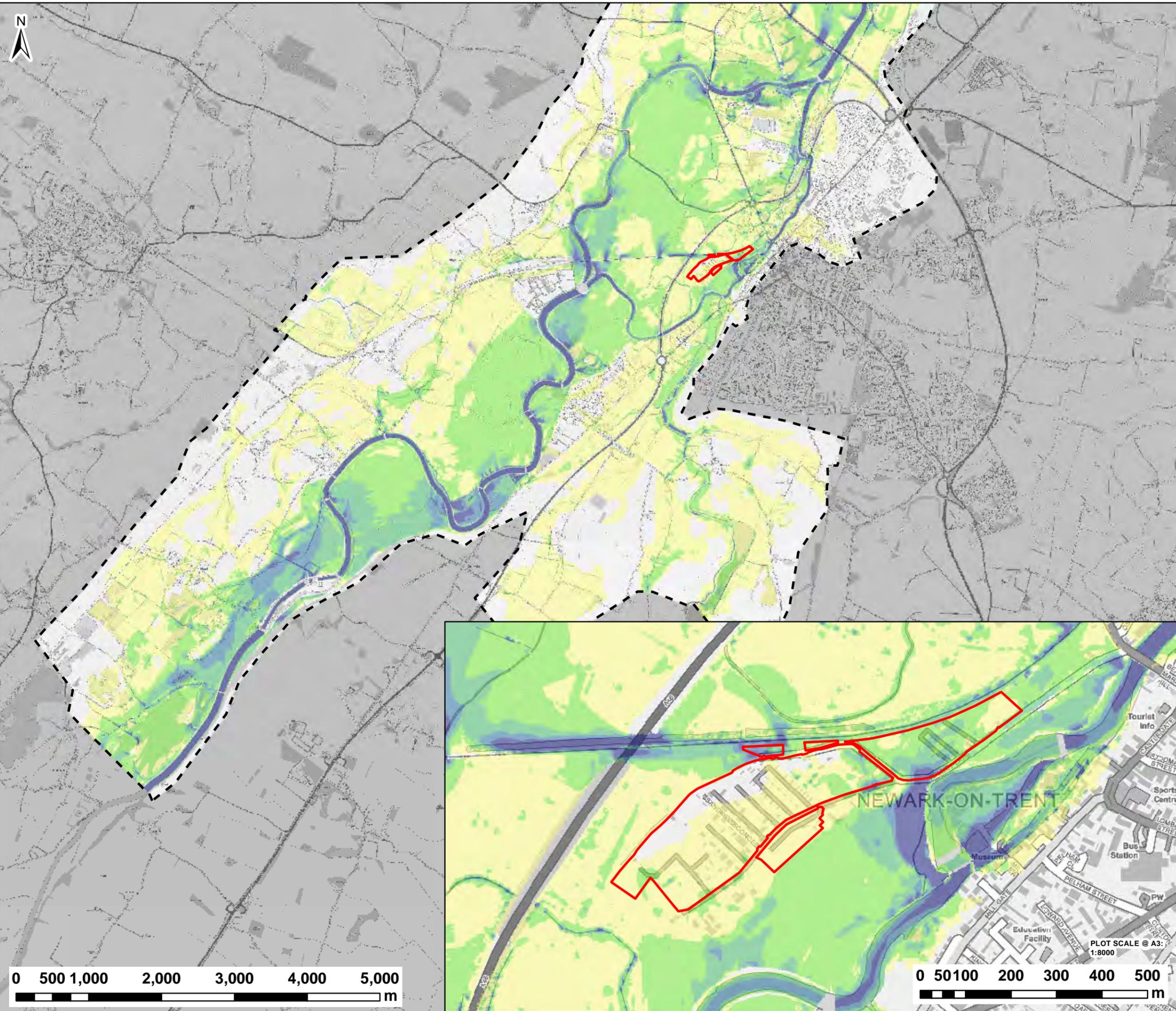
PLOT NAME:

w3375-Q100CC1_EXG_NFC_V

REV:

-





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Velocity (m/s)**
- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM VELOCITY
1% AEP (+50%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

24/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

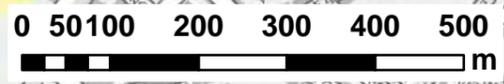
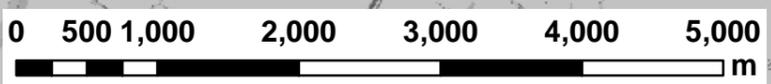
1:50,000
(UNLESS STATED OTHERWISE)

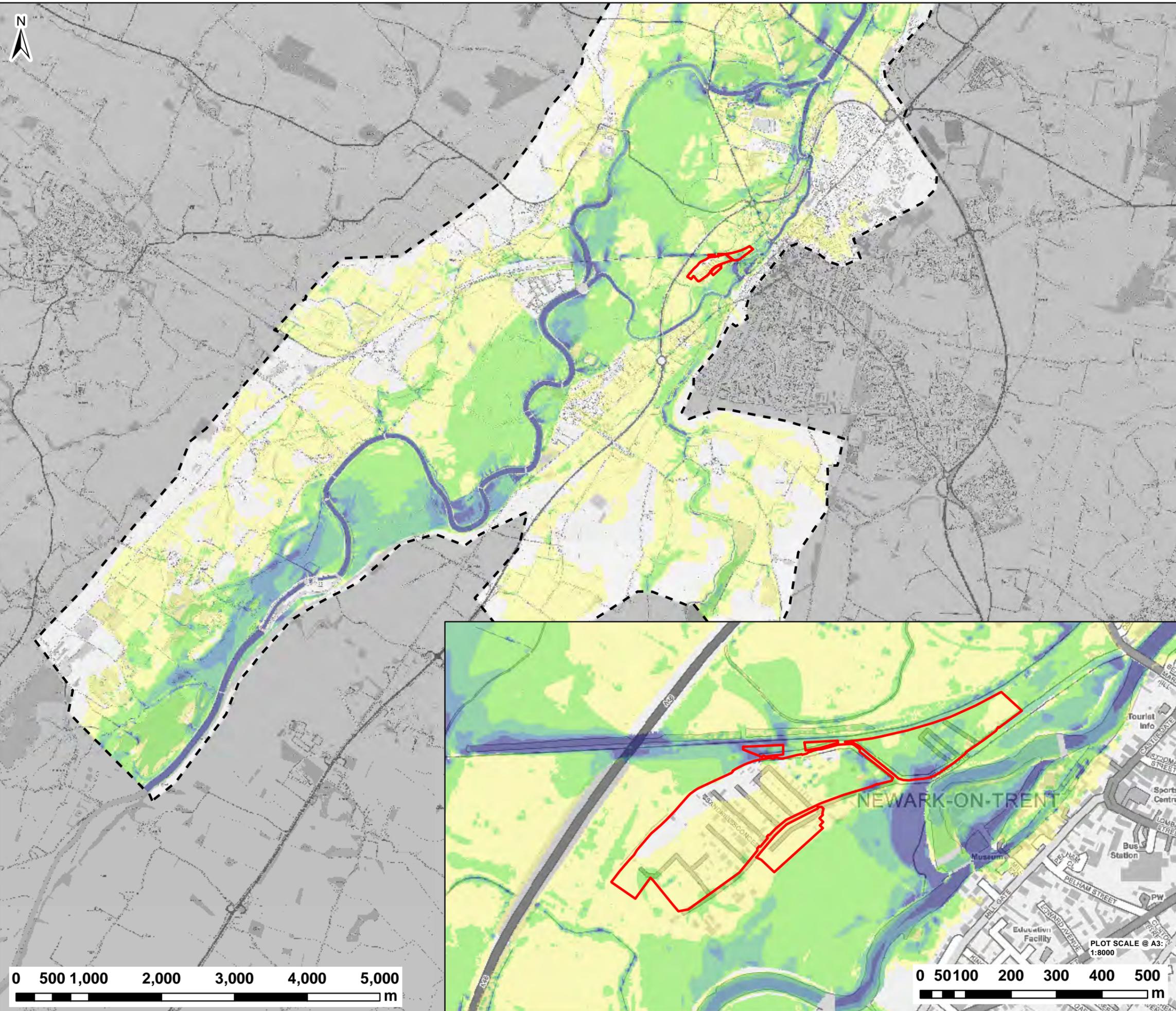
PLOT NAME:

w3375-Q100CC2_EXG_NFC_V

REV:

-





NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Velocity (m/s)**
- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT: 


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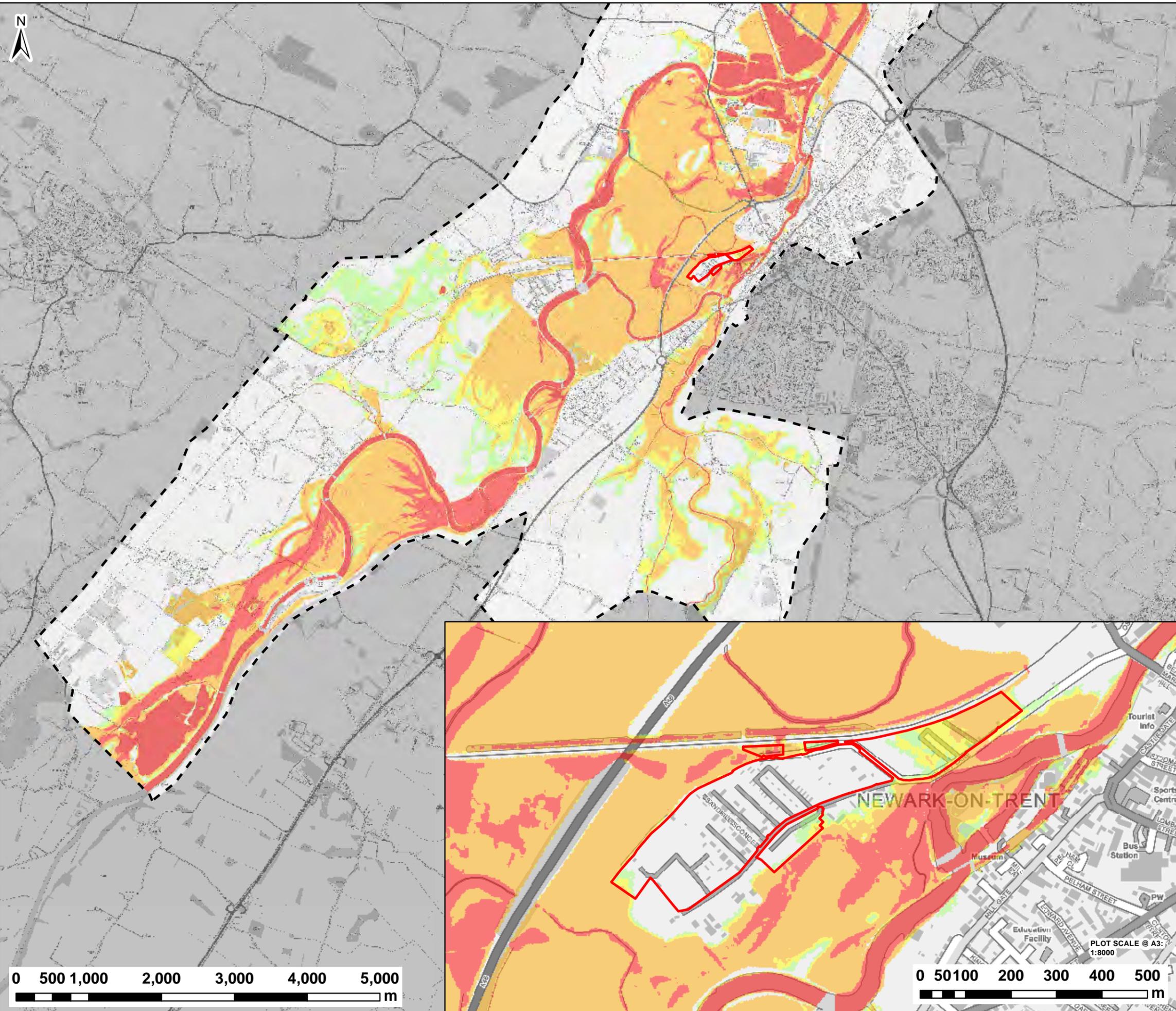
SCHEME: **TOLNEY LANE, NEWARK**

PLOT TITLE: **MAXIMUM VELOCITY
0.1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
--------------	----------------	-----------------	---

PLOT NAME: w3375-Q1000_EXG_NFC_V REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent

Maximum Flood Hazard Rating (FD2320)

- <math>< 0.75</math> (Caution)
- 0.75 - 1.25 (Danger for Some)
- 1.25 - 2 (Danger for Most)
- > 2.0 (Danger for All)



CLIENT:

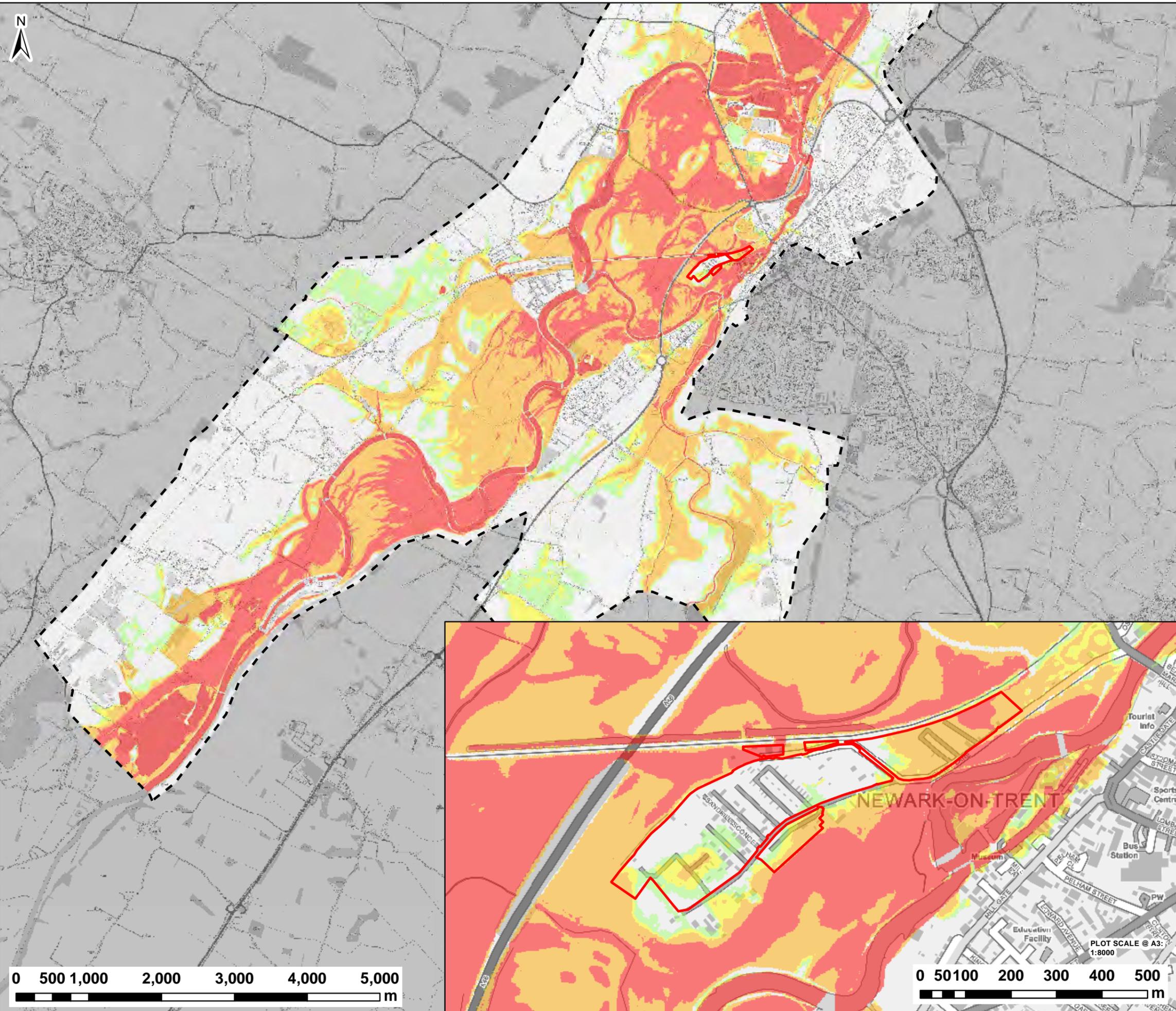



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SCHEME:
**TOLNEY LANE,
NEWARK**

PLOT TITLE:
**FLOOD HAZARD RATING
5% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: FINAL			DATE: 24/04/2019
DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
PLOT NAME: w3375-Q20_EXG_NFC_HZ			REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
- 0.75 - 1.25 (Danger for Some)
- 1.25 - 2 (Danger for Most)
- > 2.0 (Danger for All)



CLIENT:




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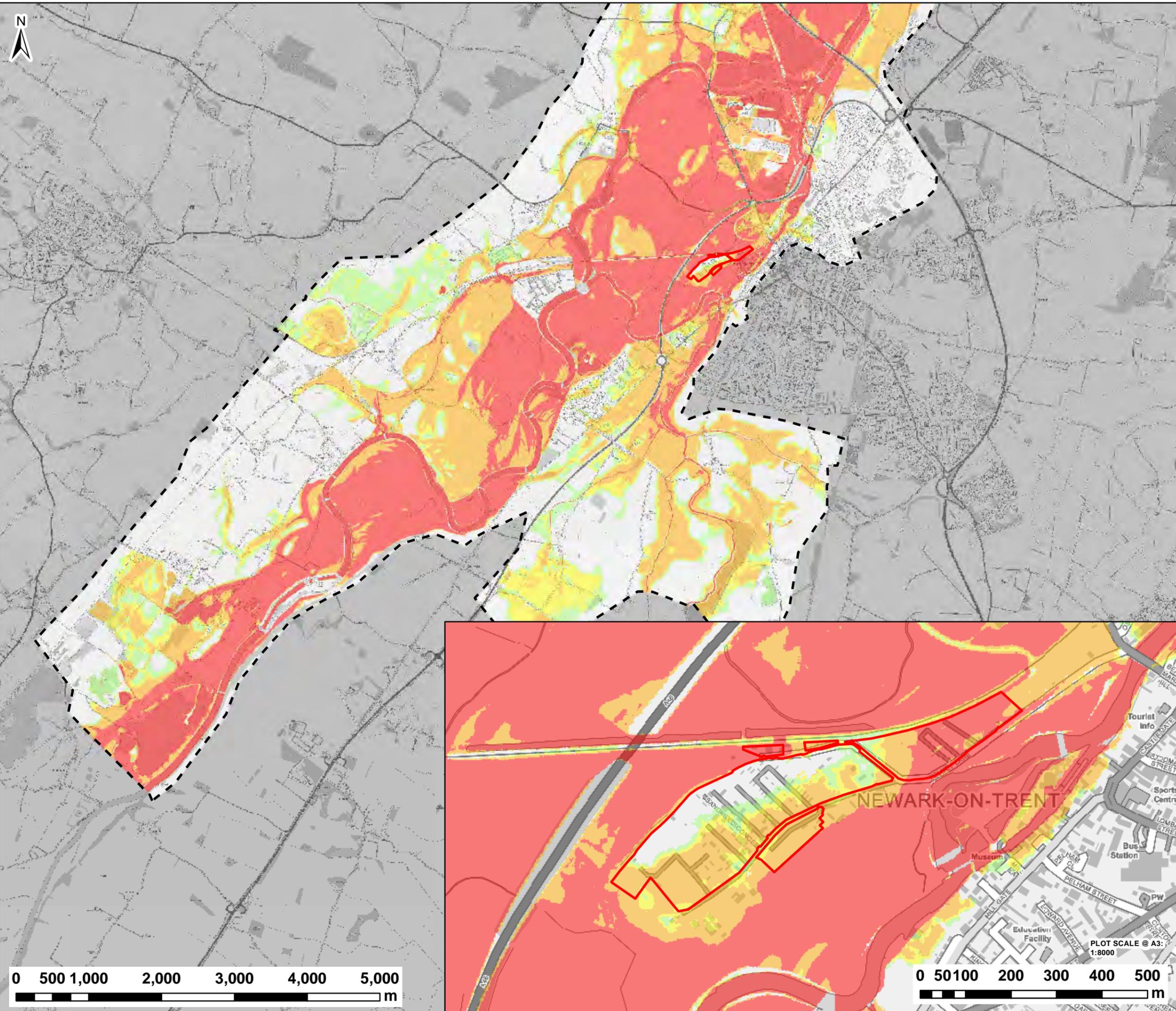
SCHEME:
**TOLNEY LANE,
NEWARK**

PLOT TITLE:
**FLOOD HAZARD RATING
1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 24/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
--------------	----------------	-----------------	---

PLOT NAME: w3375-Q100_EXG_NFC_HZ REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent

Maximum Flood Hazard Rating (FD2320)

- <math>< 0.75</math> (Caution)
- 0.75 - 1.25 (Danger for Some)
- 1.25 - 2 (Danger for Most)
- > 2.0 (Danger for All)



CLIENT:




www.waterco.co.uk

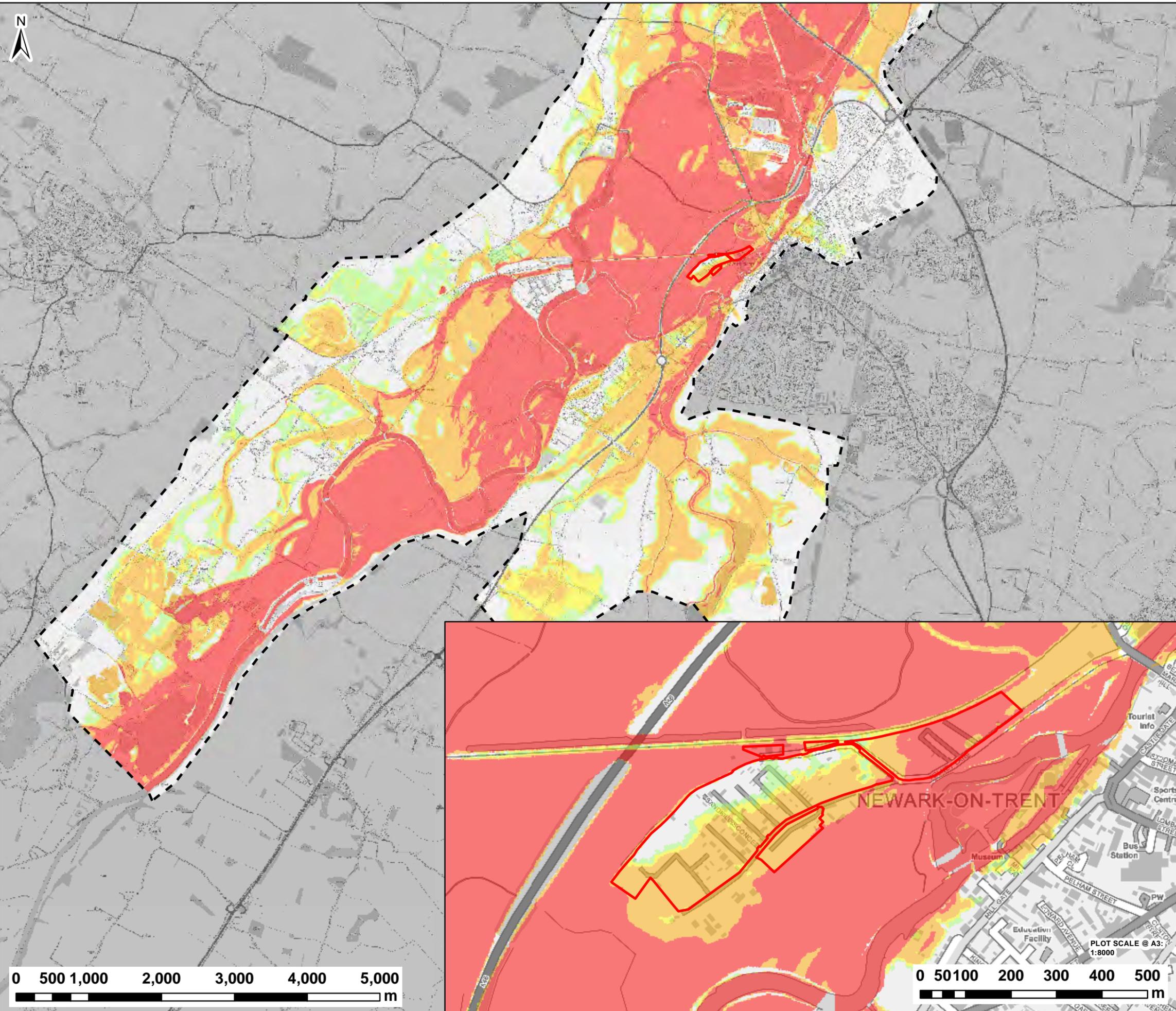
SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**FLOOD HAZARD RATING
1% AEP (+30%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:			DATE:
FINAL			24/04/2019
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE @ A3:
CM	RC	LS	1:50,000 (UNLESS STATED OTHERWISE)
PLOT NAME:			REV:
w3375-Q100CC1_EXG_NFC_HZ			-



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
- 0.75 - 1.25 (Danger for Some)
- 1.25 - 2 (Danger for Most)
- > 2.0 (Danger for All)



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**FLOOD HAZARD RATING
1% AEP (+50%CC) FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

24/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

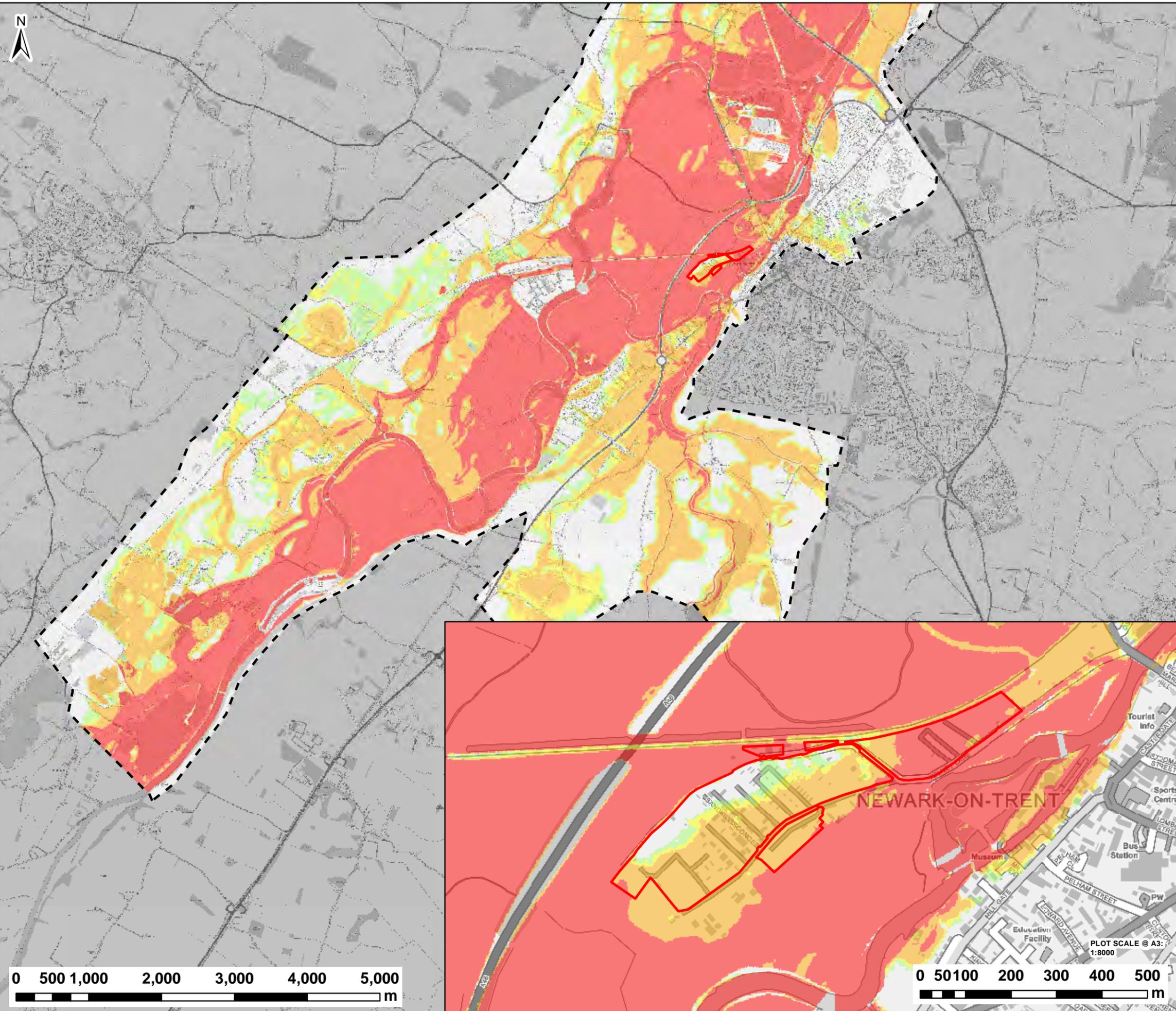
1:50,000
(UNLESS STATED OTHERWISE)

PLOT NAME:

w3375-Q100CC2_EXG_NFC_HZ

REV:

-



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

-  Site Location
-  2D Model Extent
- Maximum Flood Hazard Rating (FD2320)**
-  < 0.75 (Caution)
-  0.75 - 1.25 (Danger for Some)
-  1.25 - 2 (Danger for Most)
-  > 2.0 (Danger for All)



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**FLOOD HAZARD RATING
0.1% AEP FLUVIAL EVENT
EXISTING SITE LAYOUT
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

24/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

1:50,000
(UNLESS STATED OTHERWISE)

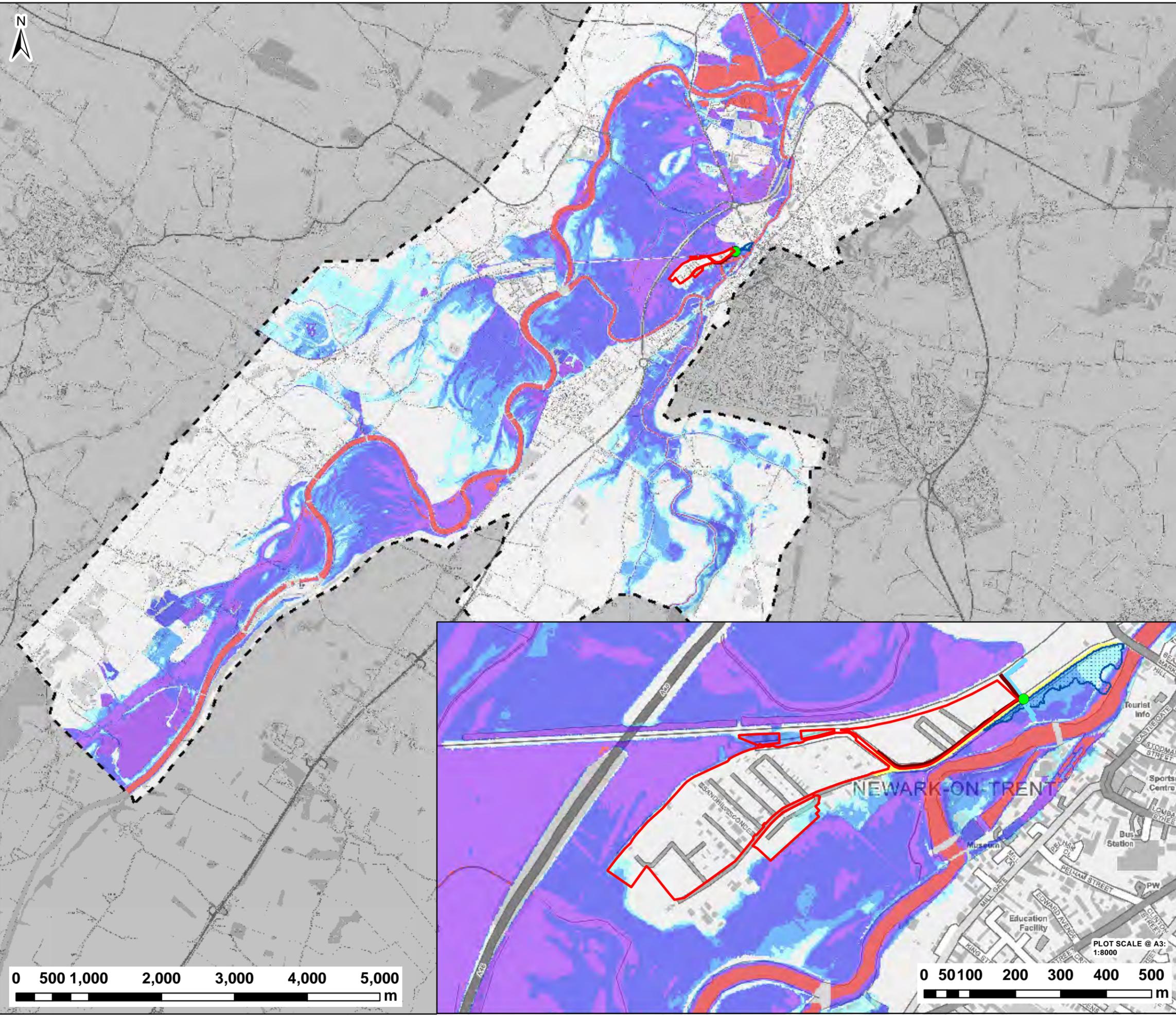
PLOT NAME:

w3375-Q1000_EXG_NFC_HZ

REV:

-

FAS Option 1 (OPT1) Flood Mapping



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:



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SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM FLOOD DEPTH
5% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

25/04/2019

DRAWN:

CHECKED:

APPROVED:

PLOT SCALE @ A3:

CM

RC

LS

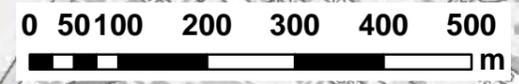
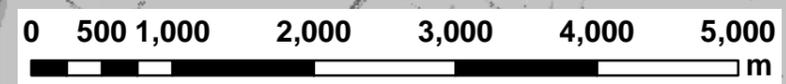
1:50,000
(UNLESS STATED OTHERWISE)

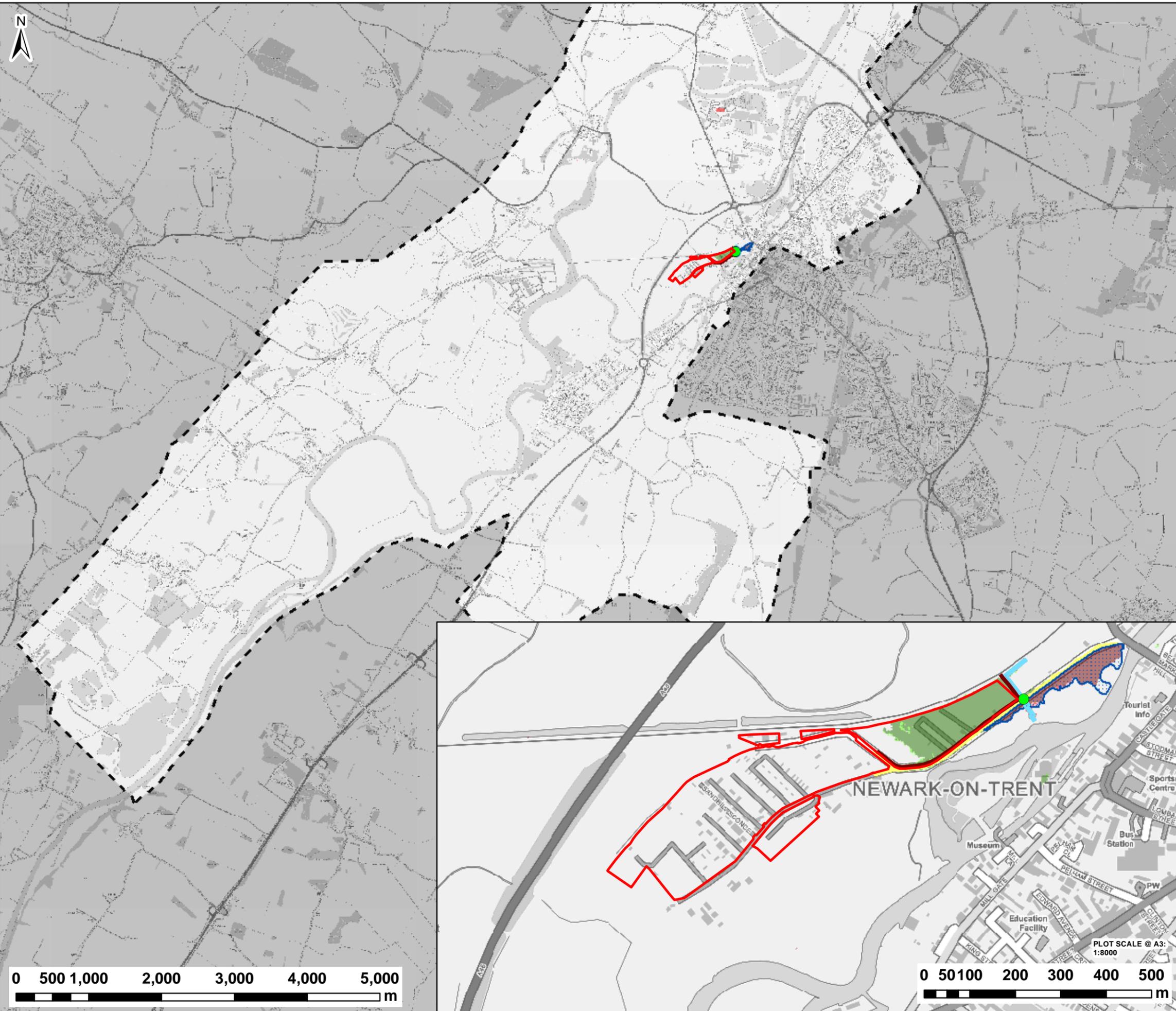
PLOT NAME:

w3375-Q20_OPT1_NFC_D

REV:

-





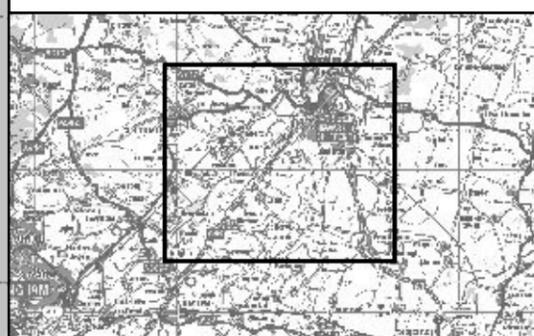
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Depth Variation

- > +100mm
- +50mm to +100mm
- +20mm to +50mm
- No Change (+/-20mm)
- 20mm to -50mm
- 50mm to -100mm
- > -100mm



CLIENT: 


www.waterco.co.uk

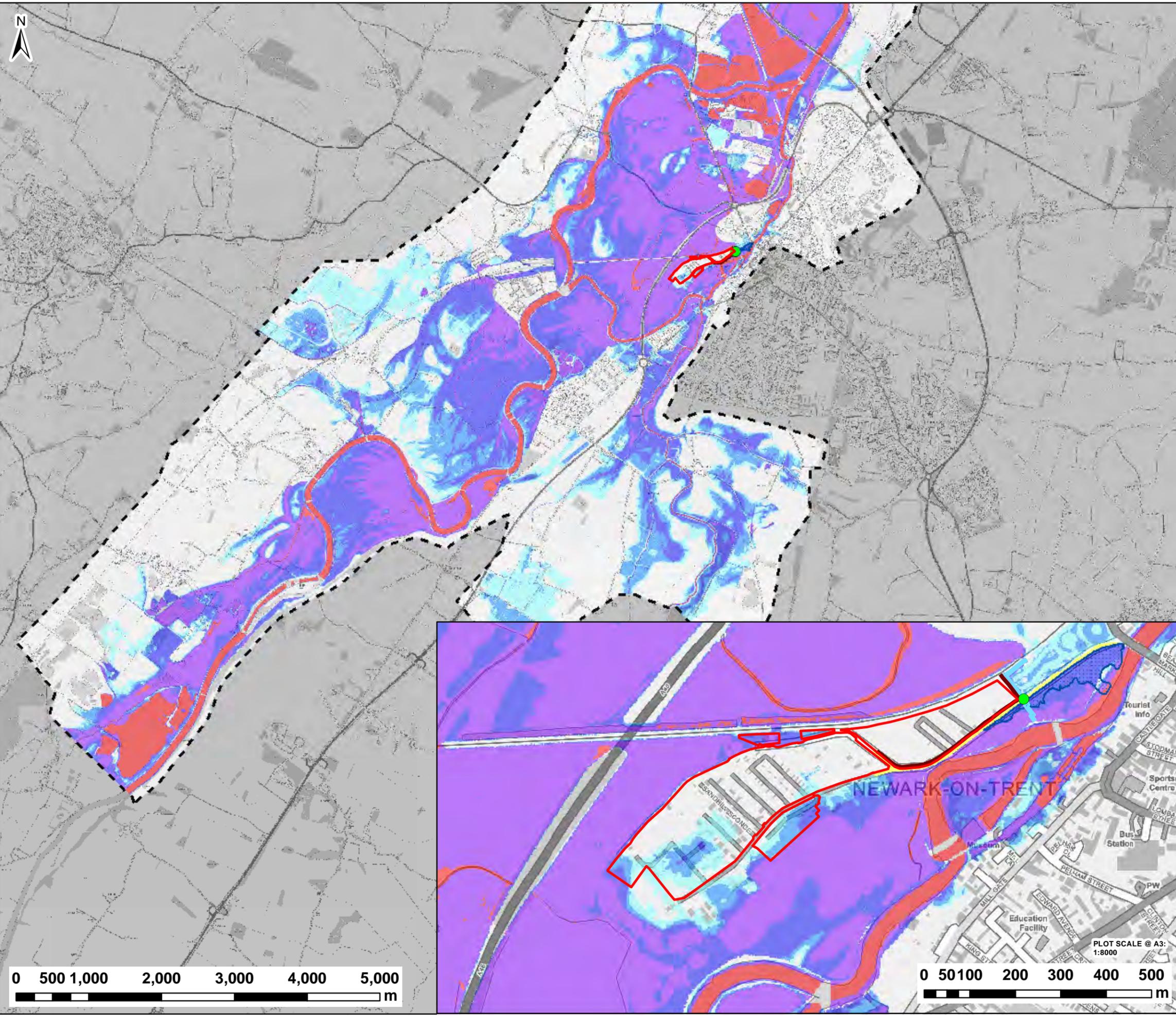
SCHEME: **TOLNEY LANE, NEWARK**

PLOT TITLE: **DEPTH DIFFERENCE
5% AEP FLUVIAL EVENT
OPT1-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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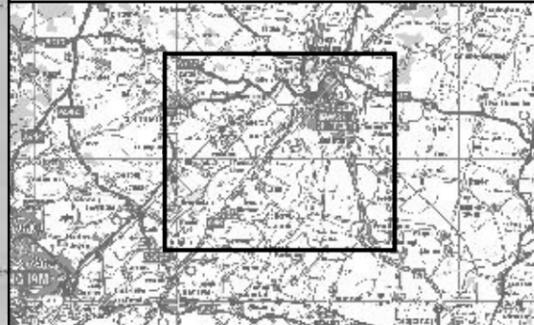
PLOT NAME: w3375-Q20_OPT1-EXG_NFC_D_DIFF REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

- LEGEND**
- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising

- Maximum Flood Depth (m)**
- 0 - 0.3
 - 0.3 - 0.6
 - 0.6 - 1.2
 - 1.2 - 2.4
 - > 2.4



CLIENT:

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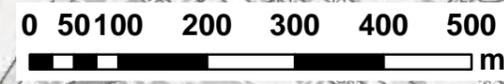
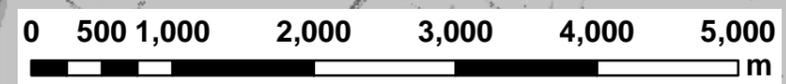
SCHEME: **TOLNEY LANE, NEWARK**

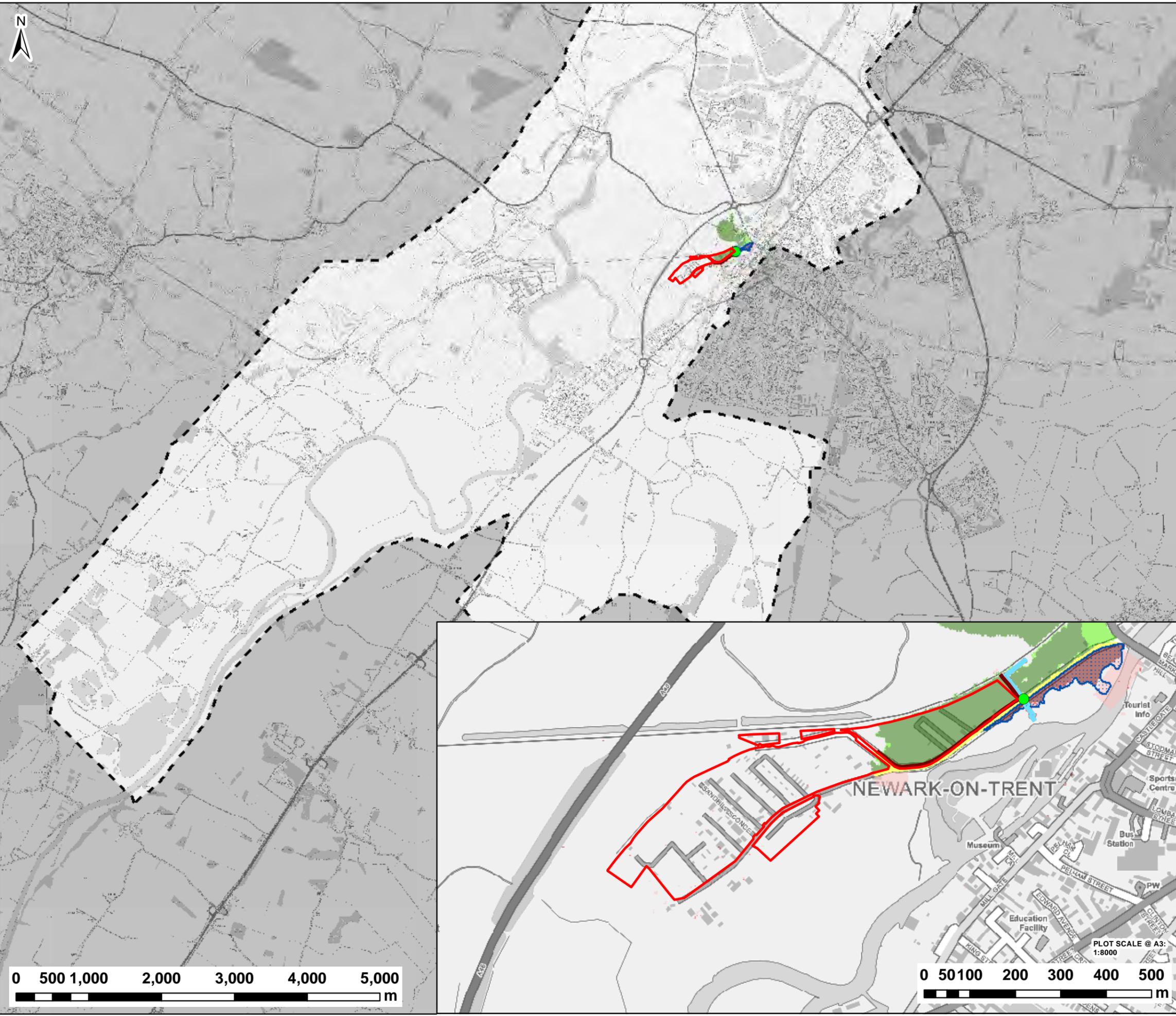
PLOT TITLE: **MAXIMUM FLOOD DEPTH
1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_OPT1_NFC_D REV: -





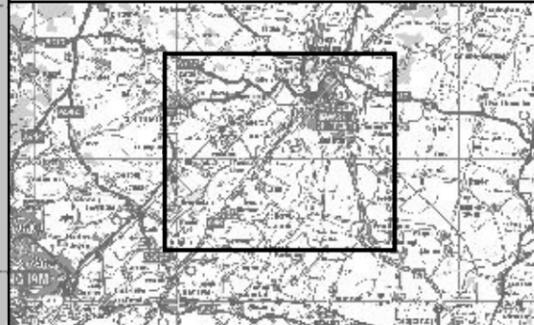
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Depth Variation

- > +100mm
- +50mm to +100mm
- +20mm to +50mm
- No Change (+/-20mm)
- 20mm to -50mm
- 50mm to -100mm
- > -100mm



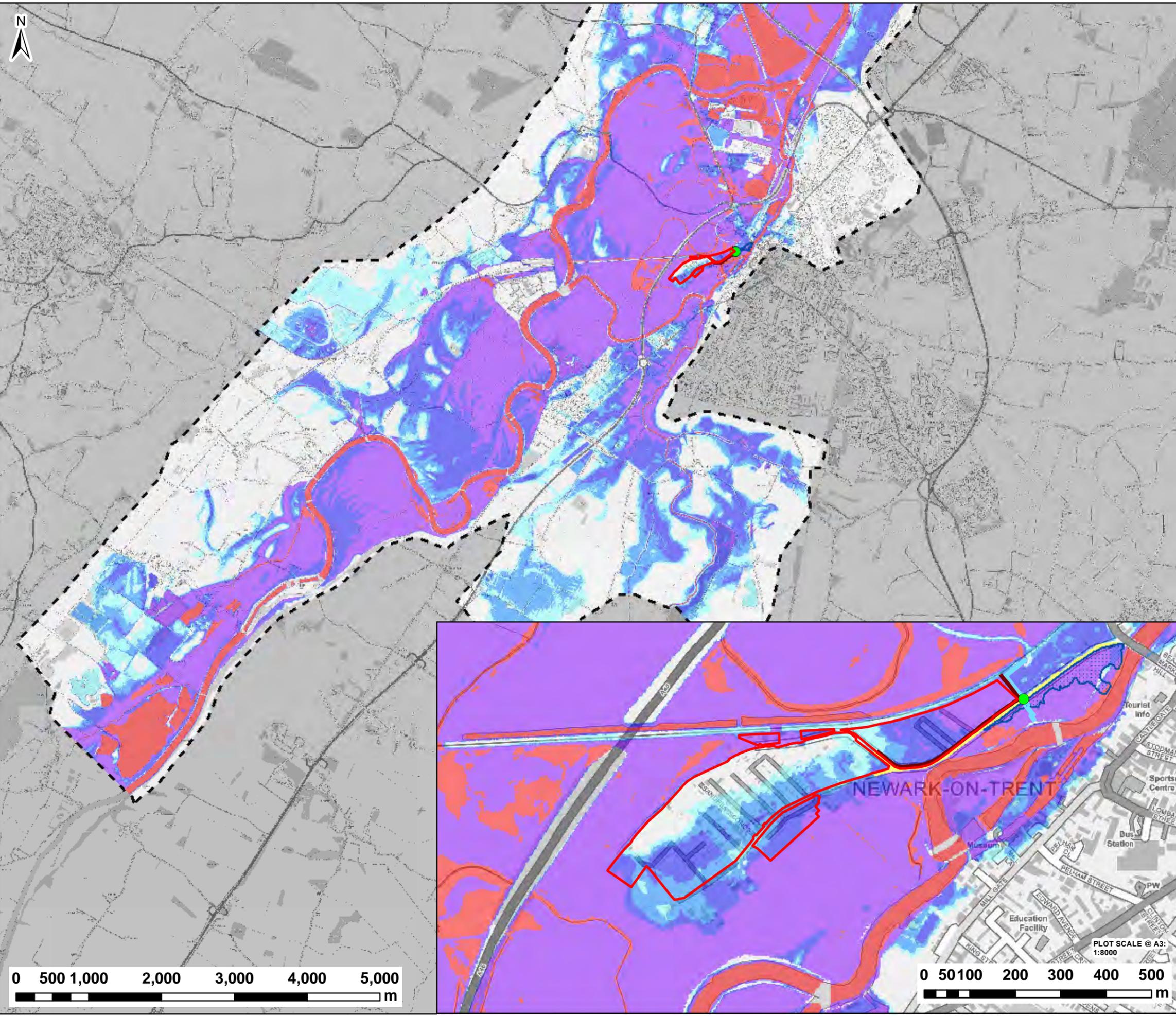
SCHEME:
TOLNEY LANE, NEWARK

PLOT TITLE:
**DEPTH DIFFERENCE
1% AEP FLUVIAL EVENT
OPT1-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_OPT1-EXG_NFC_D_DIFF REV: -



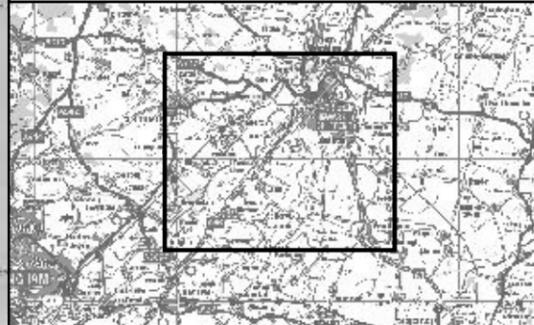
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:



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SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM FLOOD DEPTH
1% AEP (+30%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

25/04/2019

DRAWN:

CM

CHECKED:

RC

APPROVED:

LS

PLOT SCALE @ A3:

1:50,000

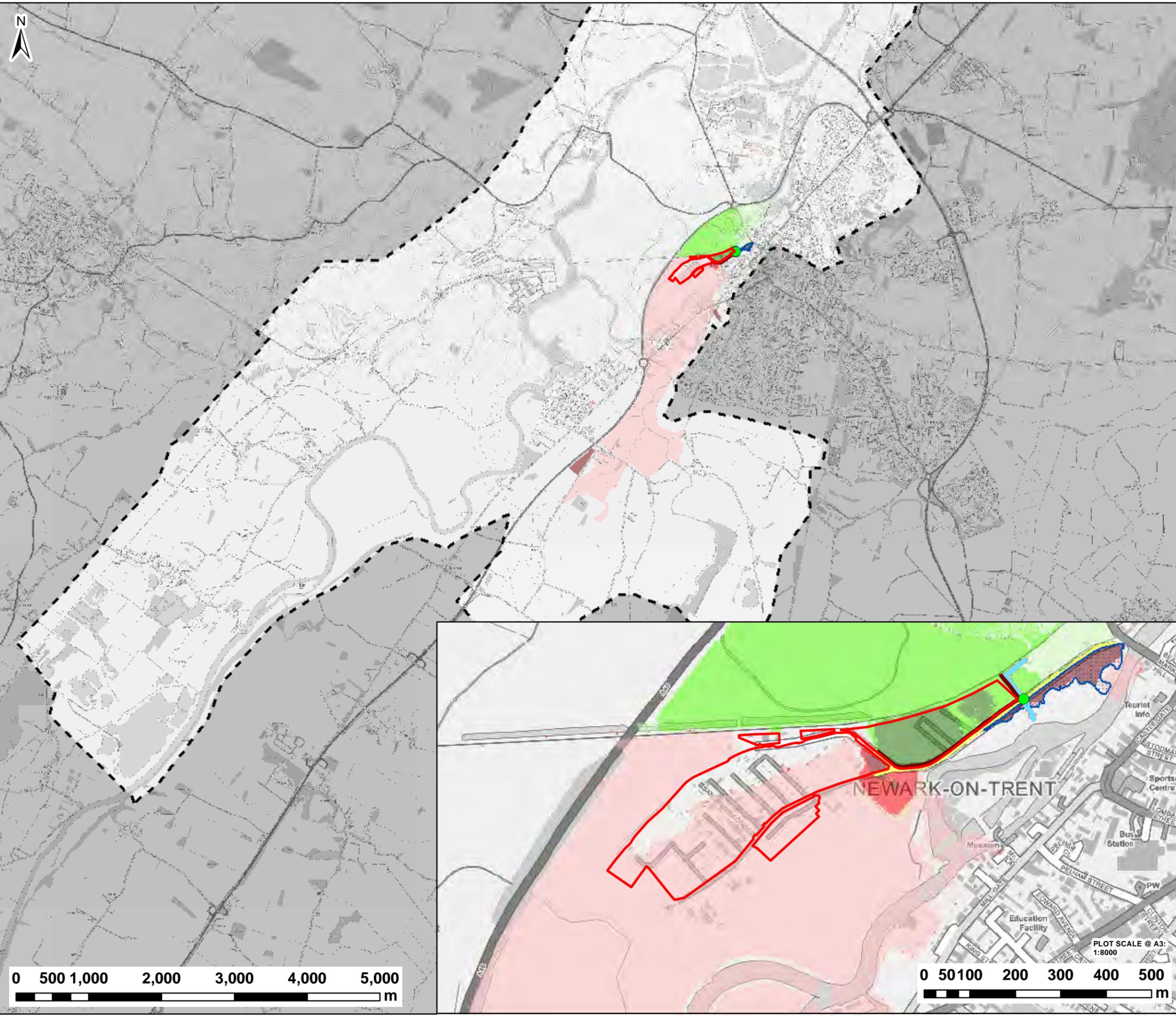
(UNLESS STATED OTHERWISE)

PLOT NAME:

w3375-Q100CC1_OPT1_NFC_D

REV:

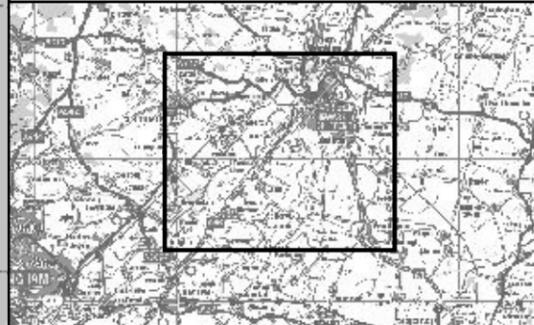
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NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Depth Variation**
- > +100mm
 - +50mm to +100mm
 - +20mm to +50mm
 - No Change (+/-20mm)
 - 20mm to -50mm
 - 50mm to -100mm
 - > -100mm



CLIENT:




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SCHEME:

**TOLNEY LANE,
NEWARK**

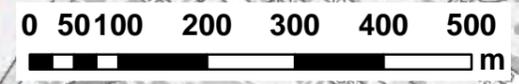
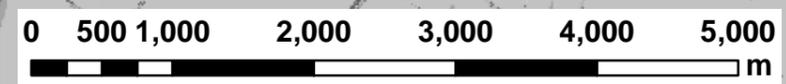
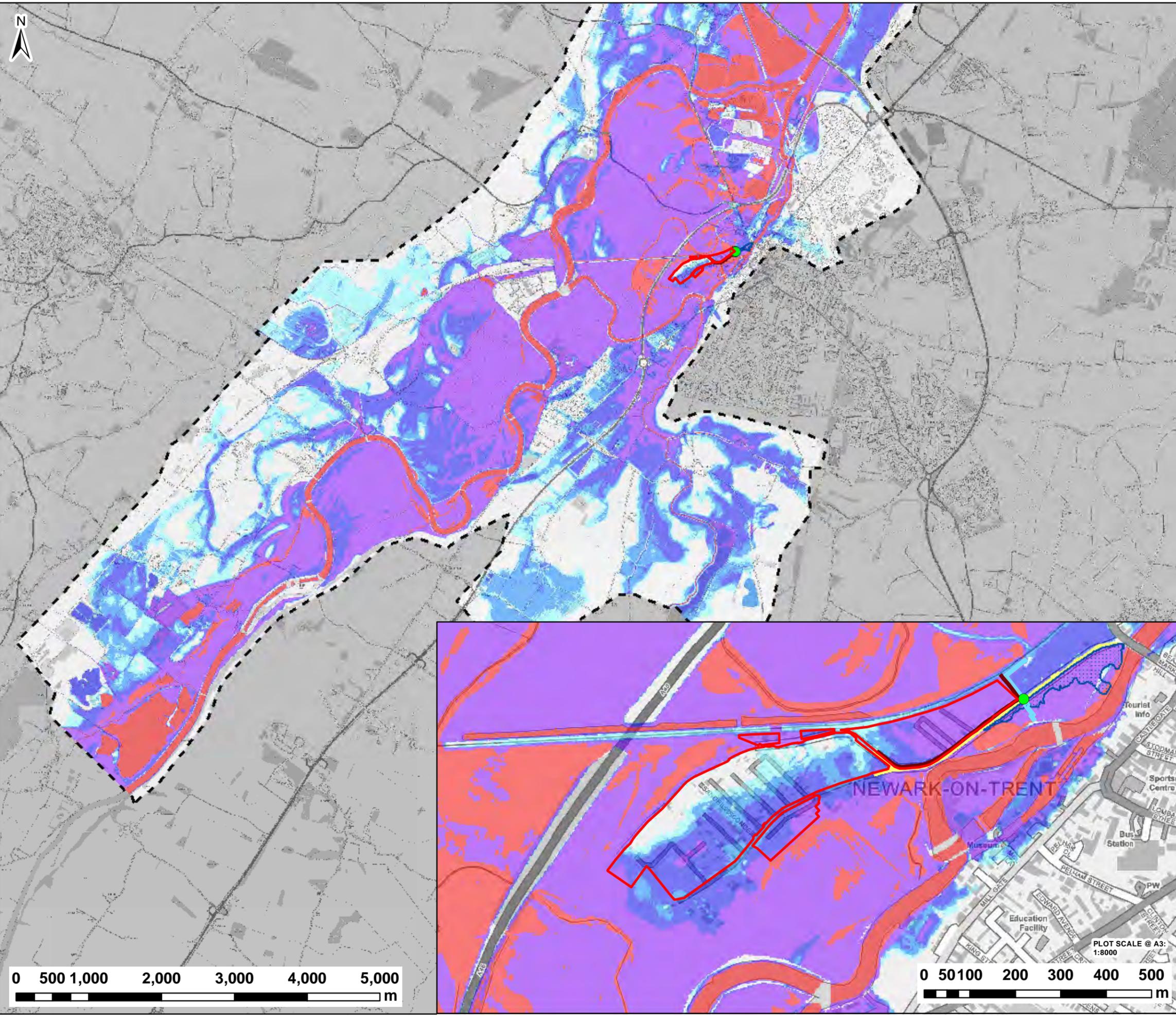
PLOT TITLE:

**DEPTH DIFFERENCE
1% AEP (+30%CC) FLUVIAL EVENT
OPT1-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS:	DATE:
FINAL	25/04/2019

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE @ A3:
CM	RC	LS	1:50,000 (UNLESS STATED OTHERWISE)

PLOT NAME:	REV:
w3375-Q100CC1_OPT1-EXG_NFC_D_DIFF	-



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:

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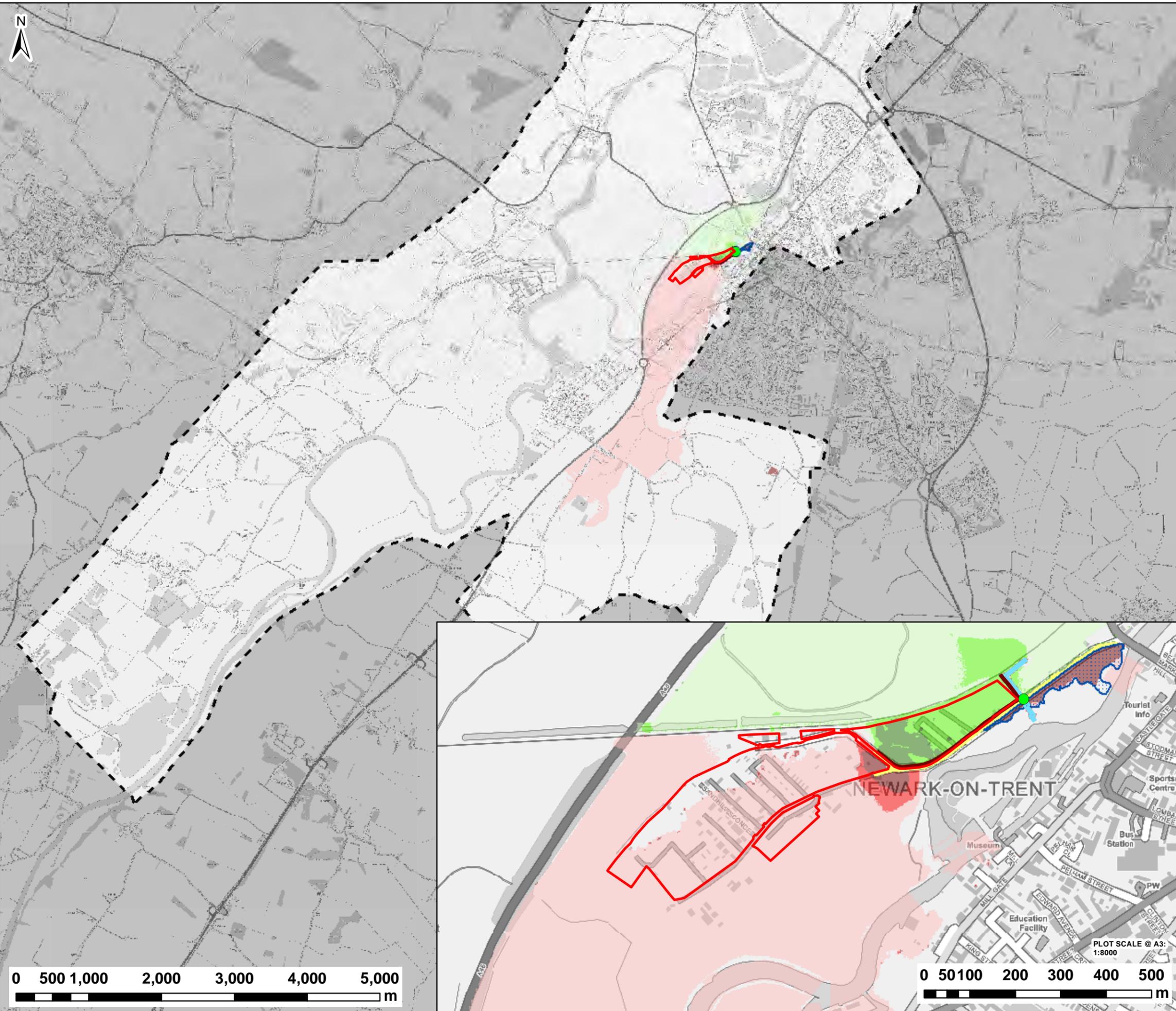
SCHEME: **TOLNEY LANE, NEWARK**

PLOT TITLE: **MAXIMUM FLOOD DEPTH
1% AEP (+50%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100CC2_OPT1_NFC_D REV: -



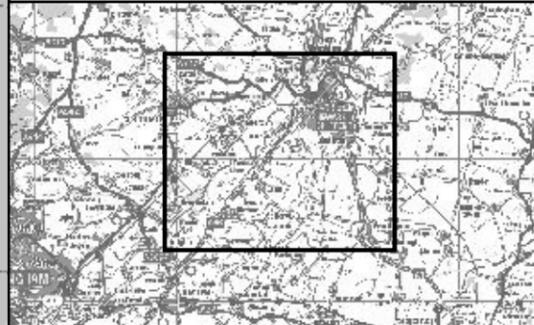
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Depth Variation

- > +100mm
- +50mm to +100mm
- +20mm to +50mm
- No Change (+/-20mm)
- 20mm to -50mm
- 50mm to -100mm
- > -100mm



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SCHEME:

**TOLNEY LANE,
NEWARK**

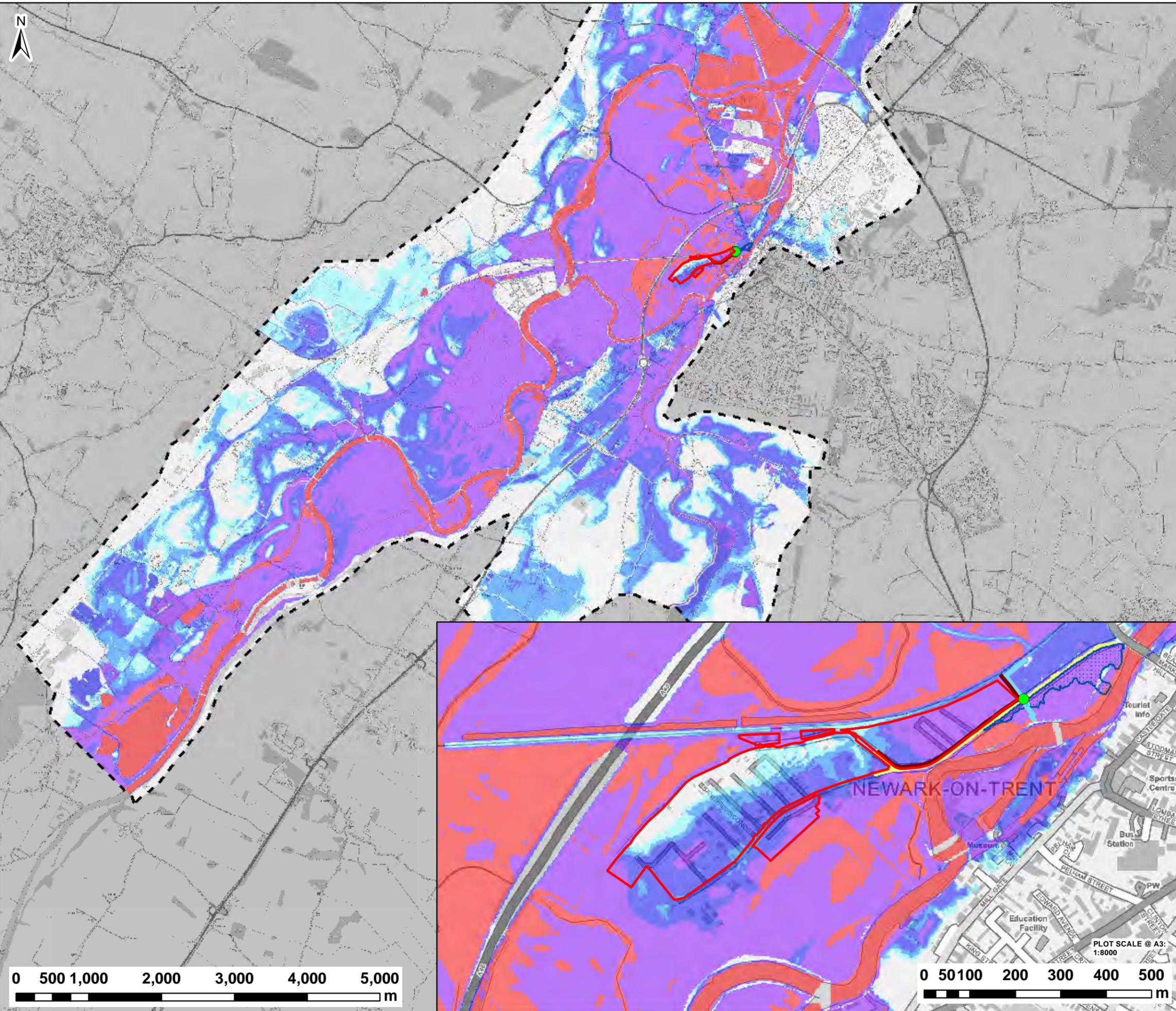
PLOT TITLE:

**DEPTH DIFFERENCE
1% AEP (+50%CC) FLUVIAL EVENT
OPT1-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS:	FINAL	DATE:	25/04/2019
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DRAWN:	CHECKED:	APPROVED:	PLOT SCALE @ A3:
CM	RC	LS	1:50,000 <small>(UNLESS STATED OTHERWISE)</small>

PLOT NAME:	REV:
w3375-Q100CC2_OPT1-EXG_NFC_D_DIFF	-



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:

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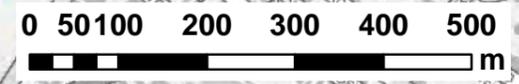
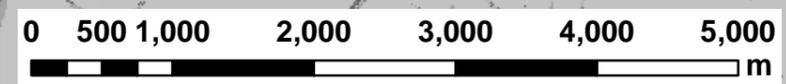
SCHEME: **TOLNEY LANE, NEWARK**

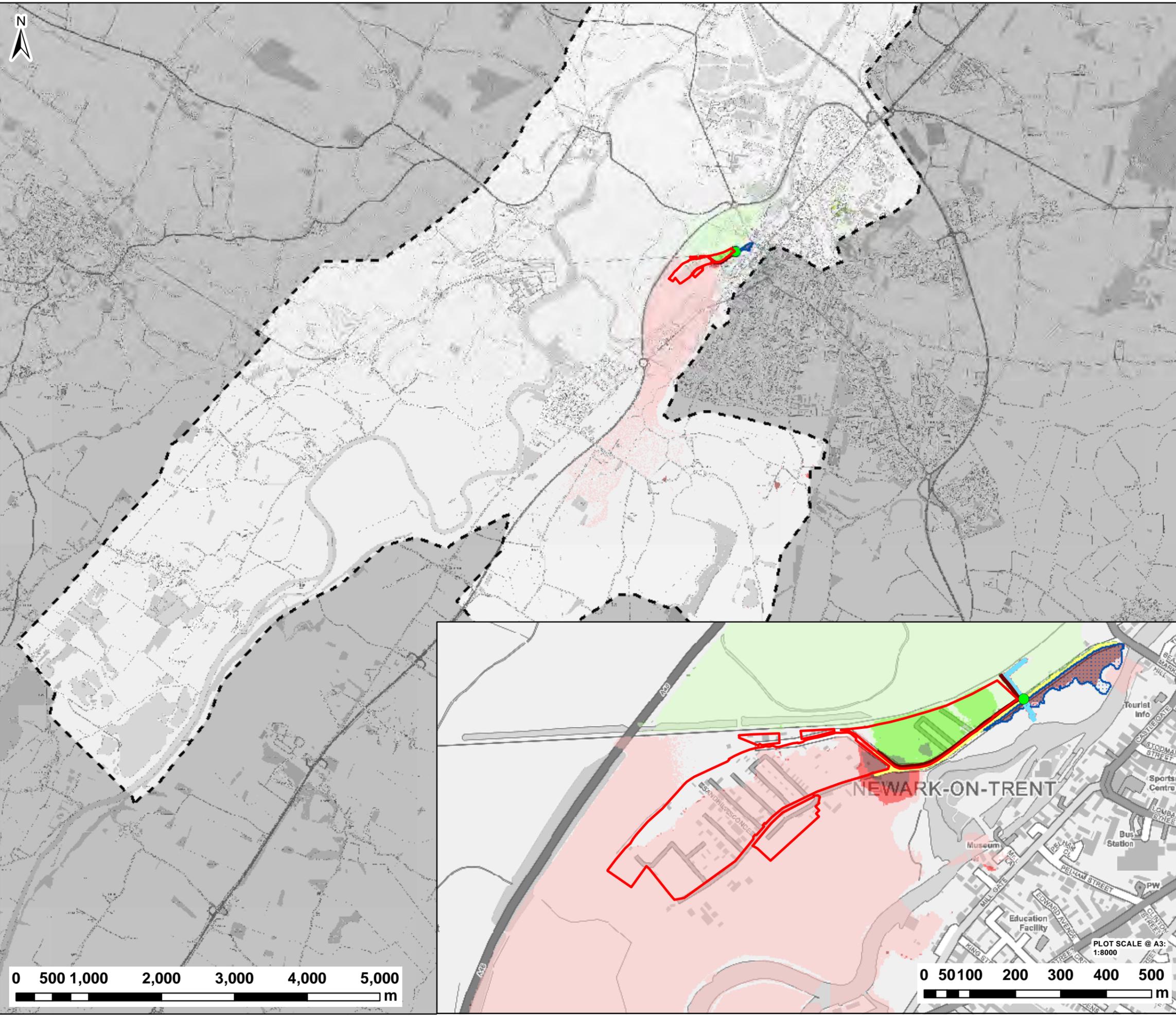
PLOT TITLE: **MAXIMUM FLOOD DEPTH
0.1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q1000_OPT1_NFC_D REV: -





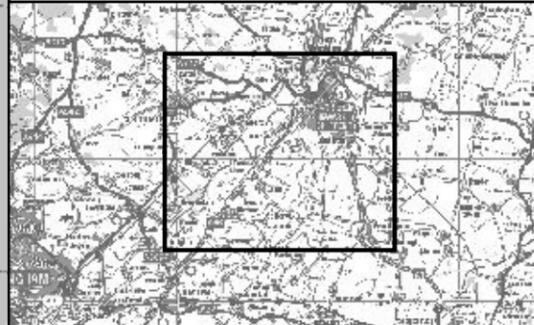
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Depth Variation

- > +100mm
- +50mm to +100mm
- +20mm to +50mm
- No Change (+/-20mm)
- 20mm to -50mm
- 50mm to -100mm
- > -100mm



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SCHEME:

**TOLNEY LANE,
NEWARK**

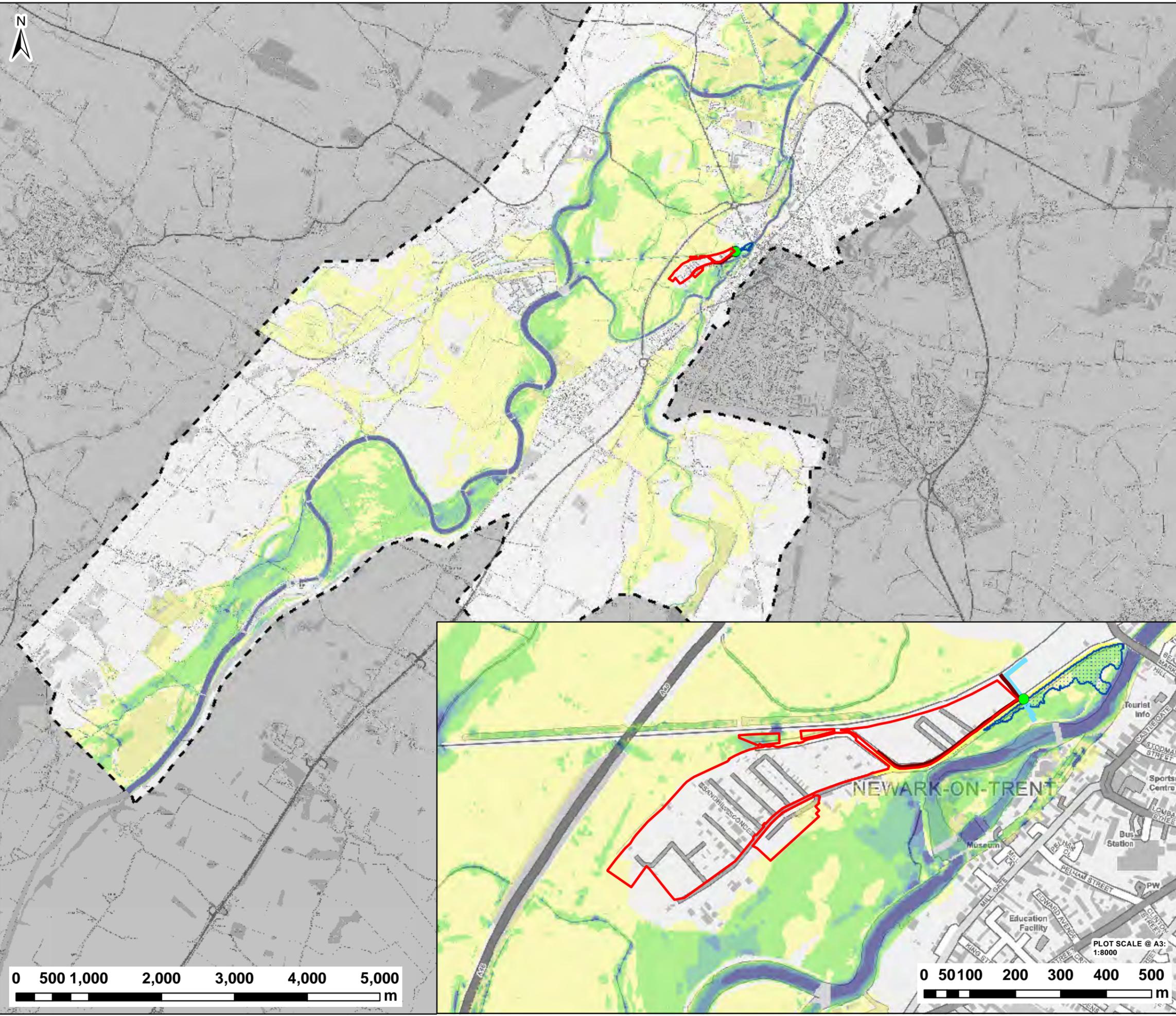
PLOT TITLE:

**DEPTH DIFFERENCE
0.1% AEP FLUVIAL EVENT
OPT1-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS:	DATE:
FINAL	25/04/2019

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE @ A3:
CM	RC	LS	1:50,000 (UNLESS STATED OTHERWISE)

PLOT NAME:	REV:
w3375-Q1000_OPT1-EXG_NFC_D_DIFF	-



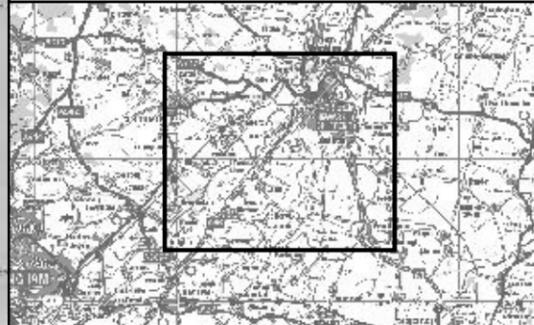
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



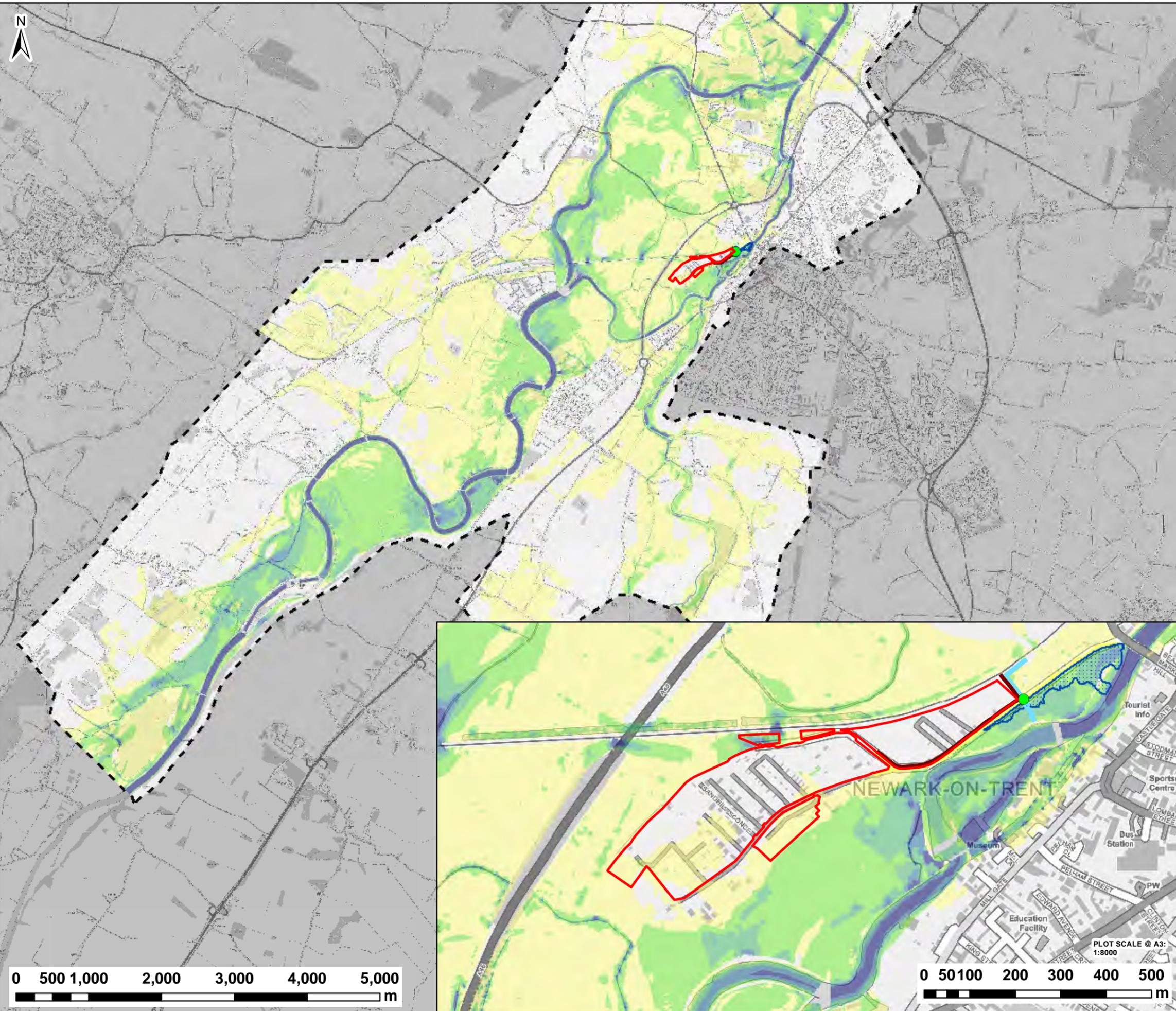
SCHEME:
TOLNEY LANE, NEWARK

PLOT TITLE:
**MAXIMUM VELOCITY
5% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q20_OPT1_NFC_V REV: -



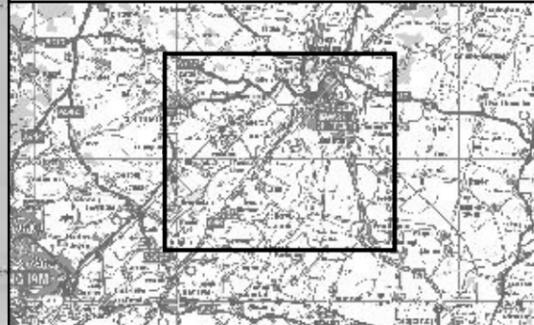
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



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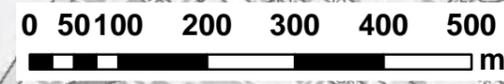
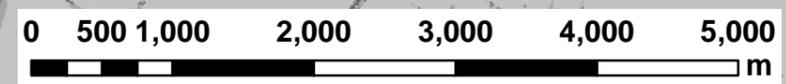
SCHEME: **TOLNEY LANE, NEWARK**

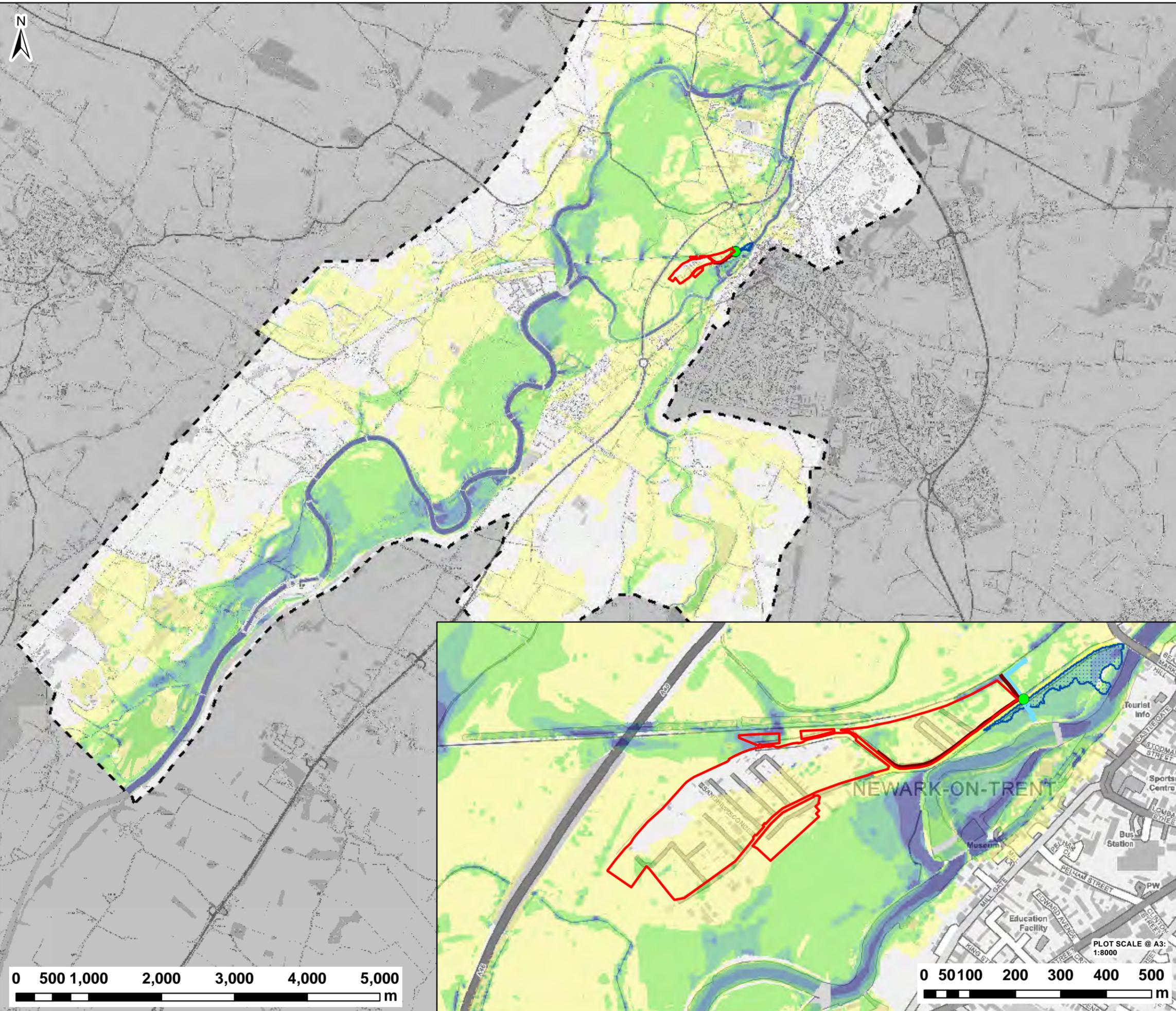
PLOT TITLE: **MAXIMUM VELOCITY
1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_OPT1_NFC_V REV: -





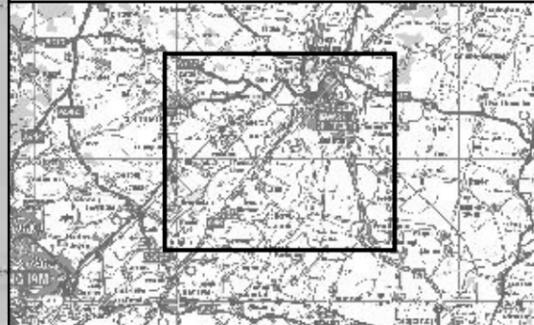
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:



SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM VELOCITY
1% AEP (+30%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

25/04/2019

DRAWN:

CHECKED:

APPROVED:

PLOT SCALE @ A3:

CM

RC

LS

1:50,000

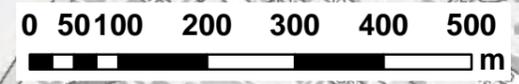
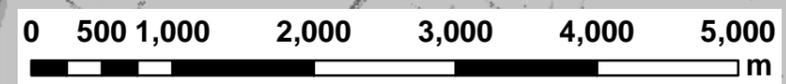
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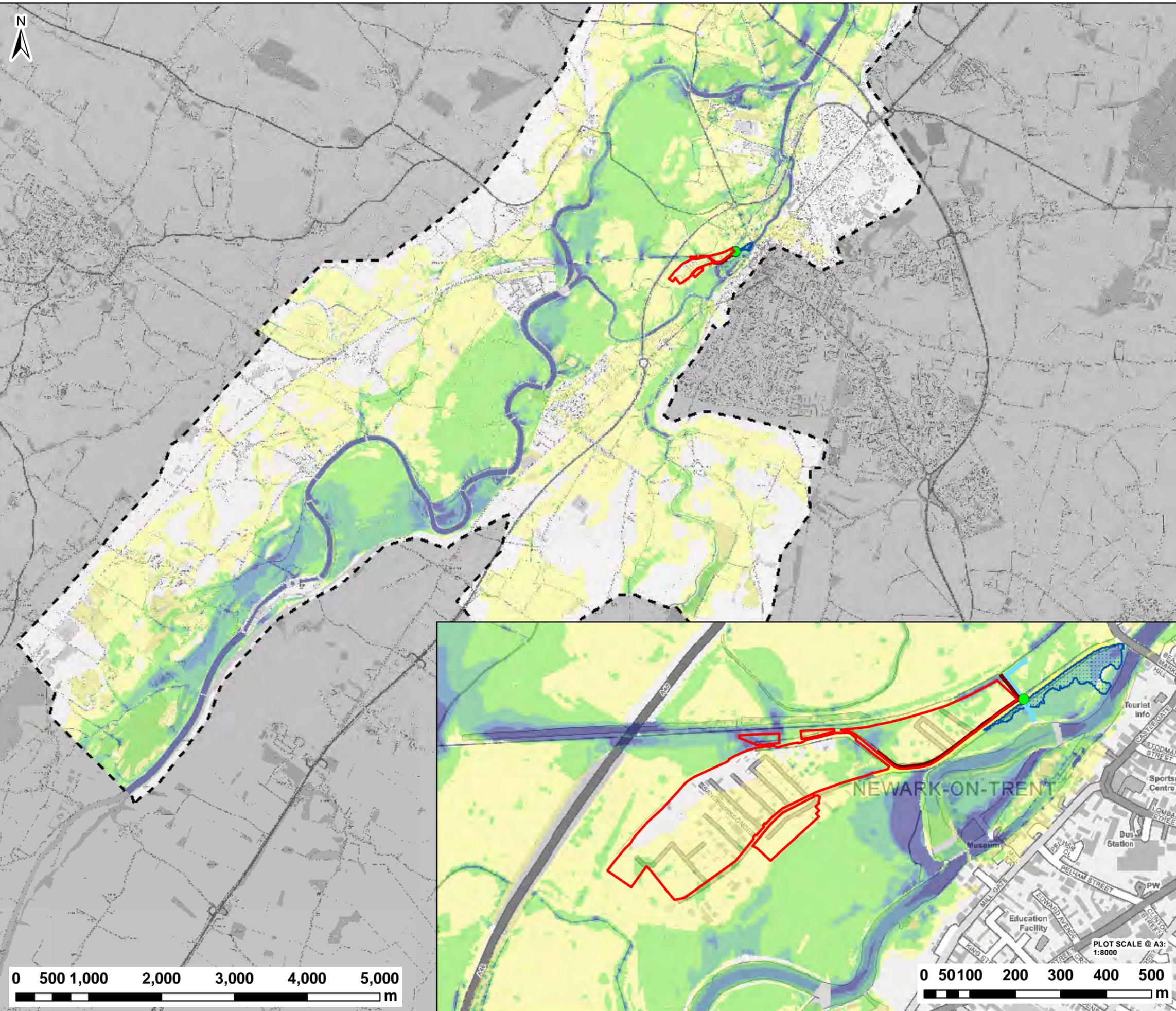
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REV:

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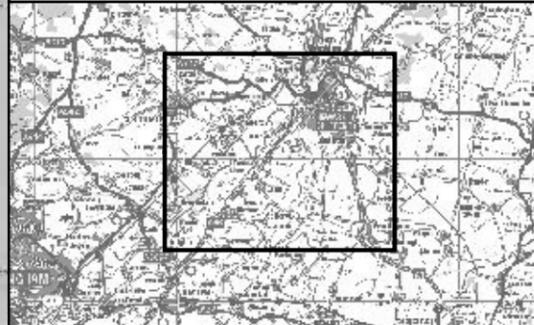
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:



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SCHEME:

**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**MAXIMUM VELOCITY
1% AEP (+50%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS:

FINAL

DATE:

25/04/2019

DRAWN:

CHECKED:

APPROVED:

PLOT SCALE @ A3:

CM

RC

LS

1:50,000

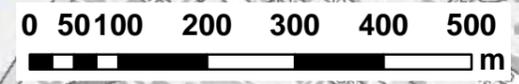
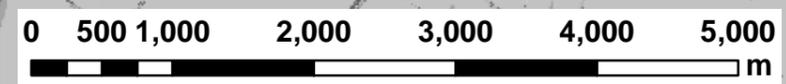
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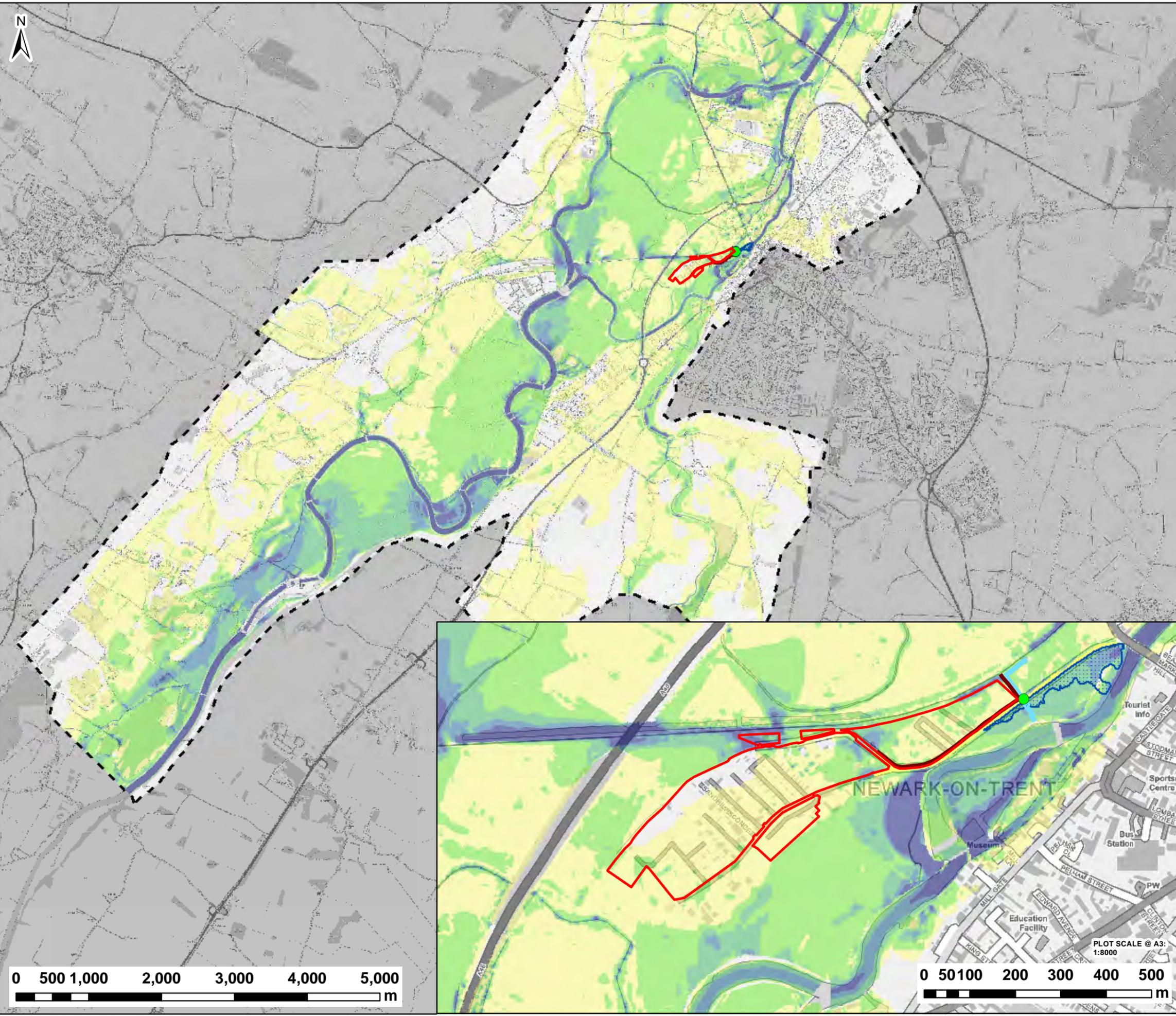
PLOT NAME:

w3375-Q100CC2_OPT1_NFC_V

REV:

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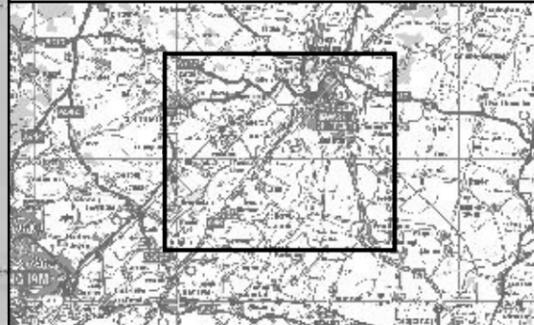
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Flood Wall
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Tolney Lane Raising

Maximum Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2



CLIENT:




www.waterco.co.uk

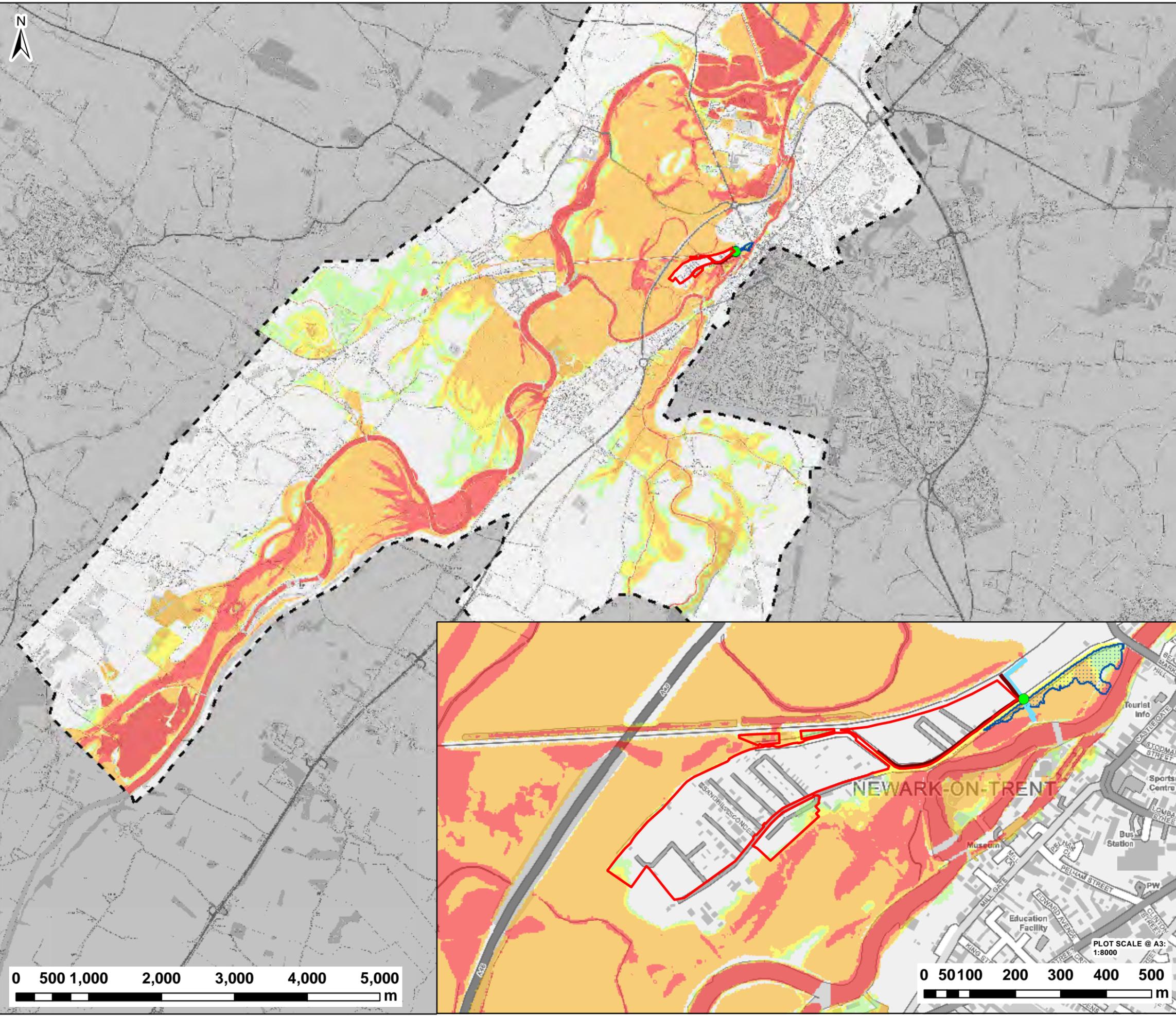
SCHEME:
**TOLNEY LANE,
NEWARK**

PLOT TITLE:
**MAXIMUM VELOCITY
0.1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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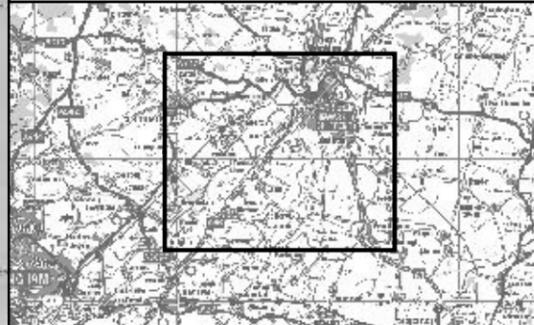
PLOT NAME: w3375-Q1000_OPT1_NFC_V REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
 - 0.75 - 1.25 (Danger for Some)
 - 1.25 - 2 (Danger for Most)
 - > 2.0 (Danger for All)



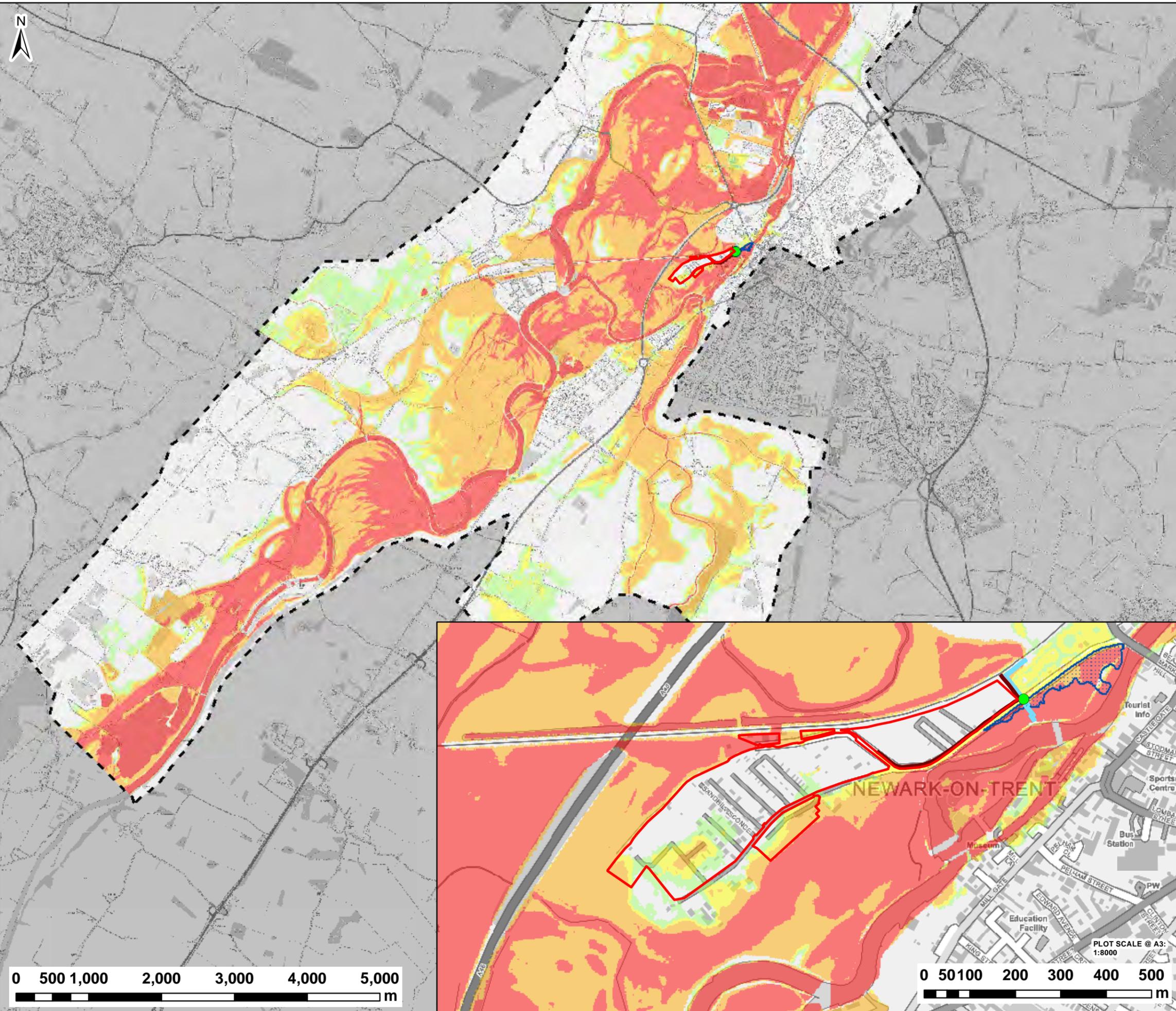
SCHEME:
TOLNEY LANE, NEWARK

PLOT TITLE:
**FLOOD HAZARD RATING
5% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 <small>(UNLESS STATED OTHERWISE)</small>
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PLOT NAME: w3375-Q20_OPT1_NFC_HZ REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

- LEGEND**
- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
 - 0.75 - 1.25 (Danger for Some)
 - 1.25 - 2 (Danger for Most)
 - > 2.0 (Danger for All)



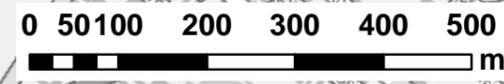
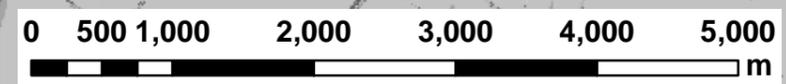
SCHEME:
TOLNEY LANE, NEWARK

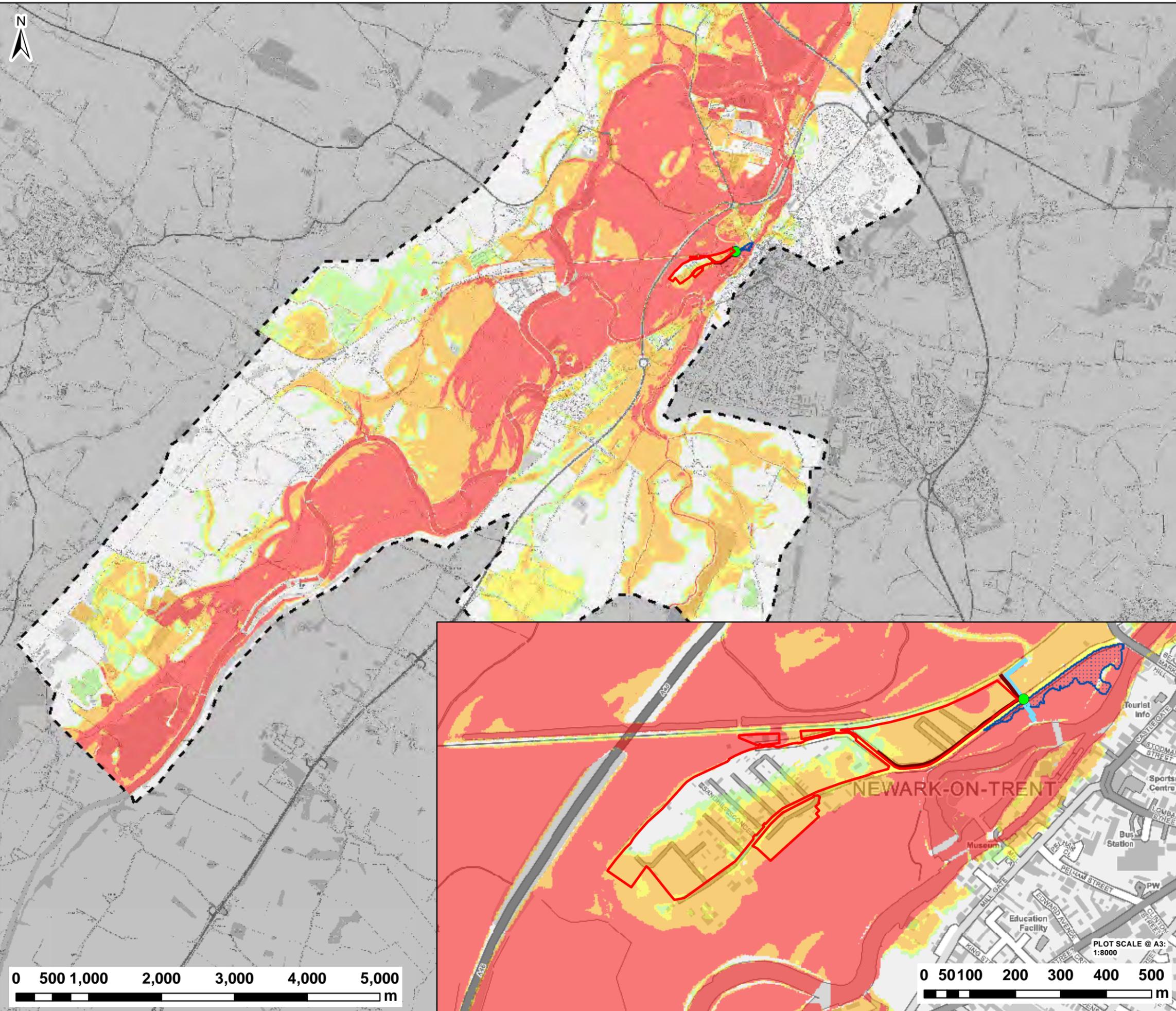
PLOT TITLE:
**FLOOD HAZARD RATING
1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_OPT1_NFC_HZ REV: -

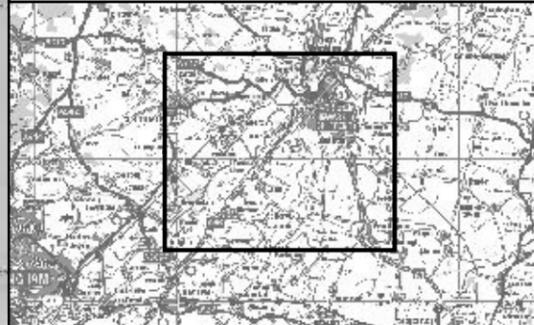




NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
 - 0.75 - 1.25 (Danger for Some)
 - 1.25 - 2 (Danger for Most)
 - > 2.0 (Danger for All)



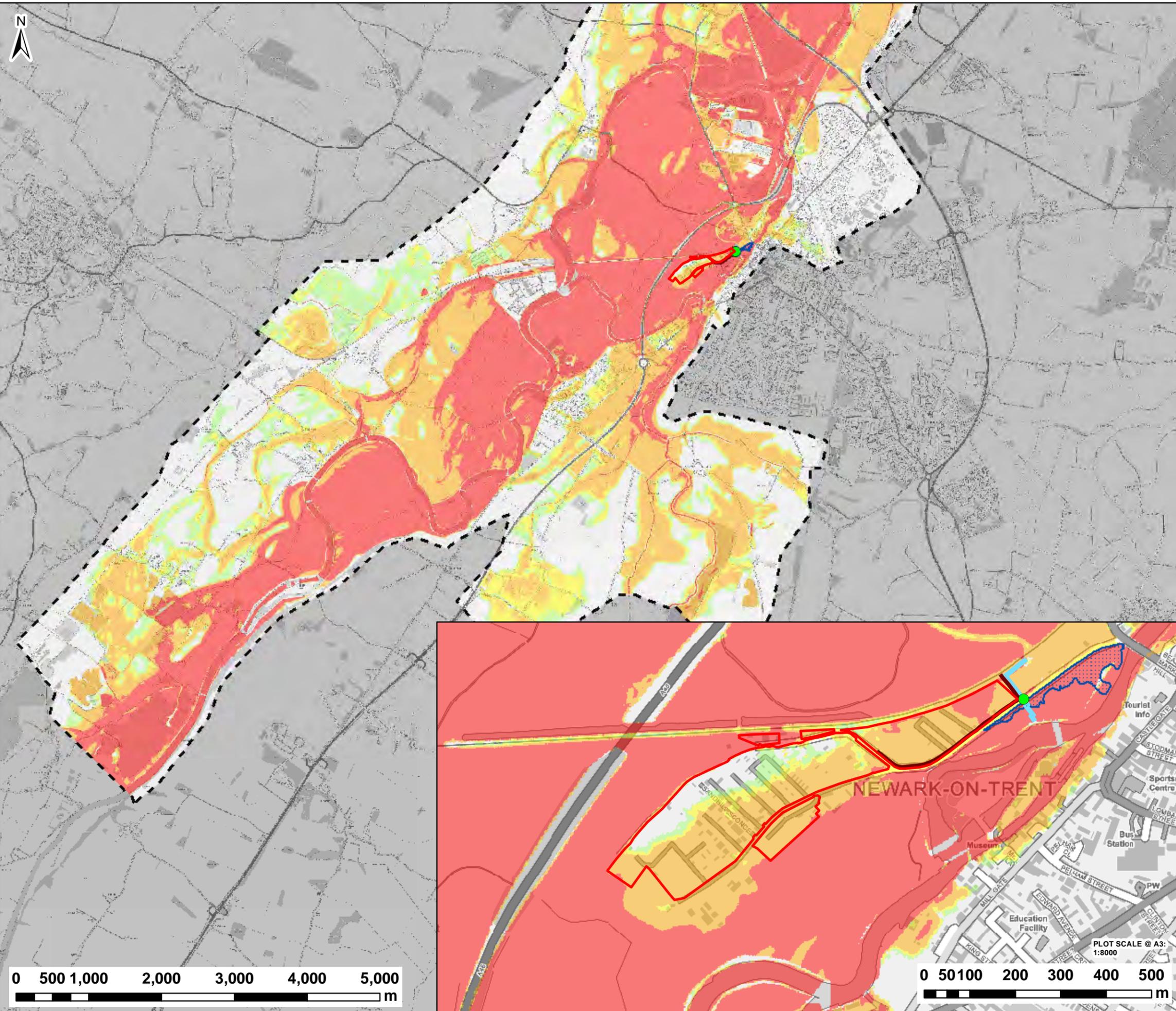
SCHEME:
TOLNEY LANE, NEWARK

PLOT TITLE:
**FLOOD HAZARD RATING
1% AEP (+30%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

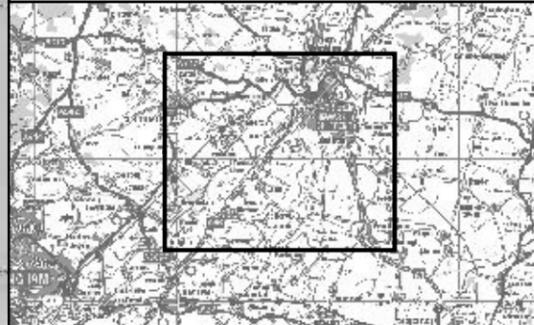
DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100CC1_OPT1_NFC_HZ REV: -



NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

- LEGEND**
- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
 - 0.75 - 1.25 (Danger for Some)
 - 1.25 - 2 (Danger for Most)
 - > 2.0 (Danger for All)



CLIENT:




www.waterco.co.uk

SCHEME:

**TOLNEY LANE,
NEWARK**

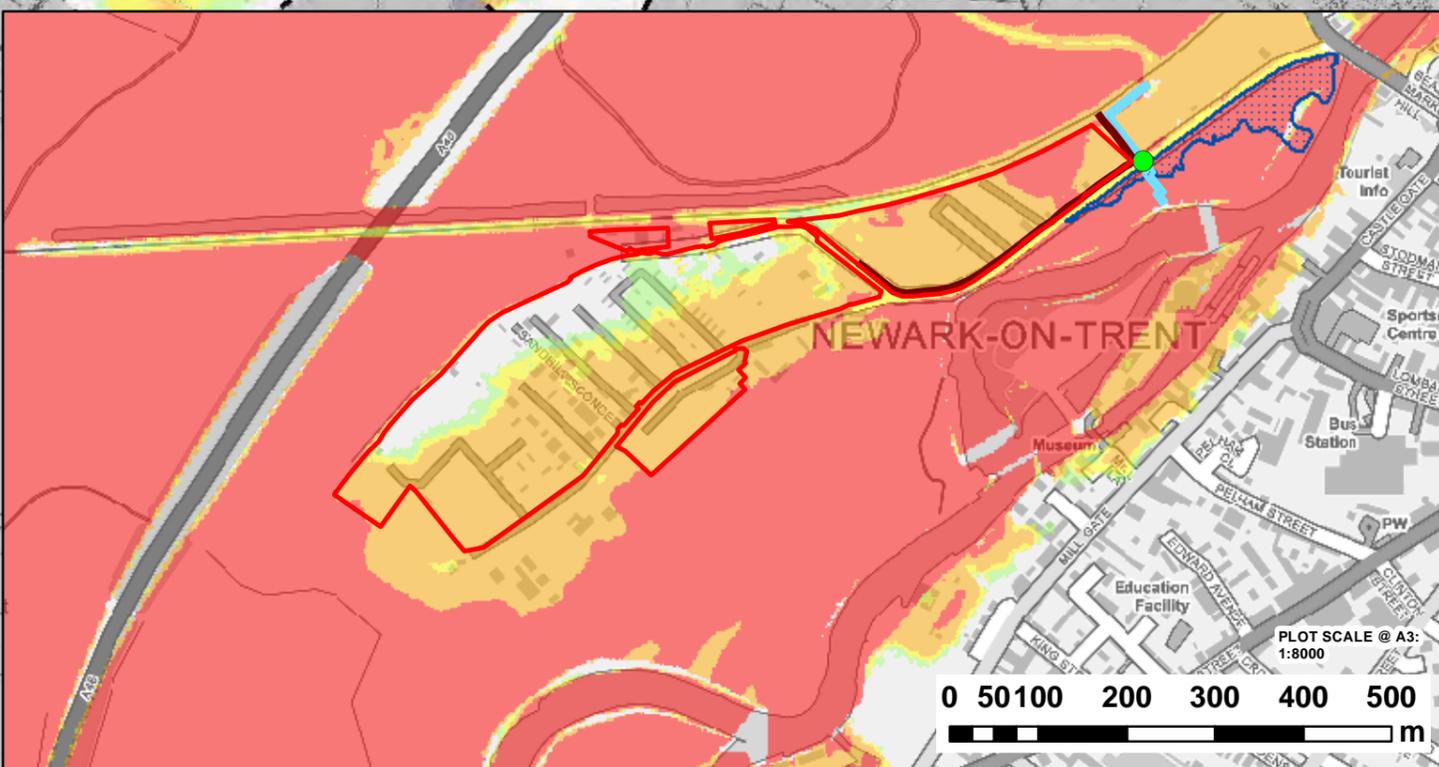
PLOT TITLE:

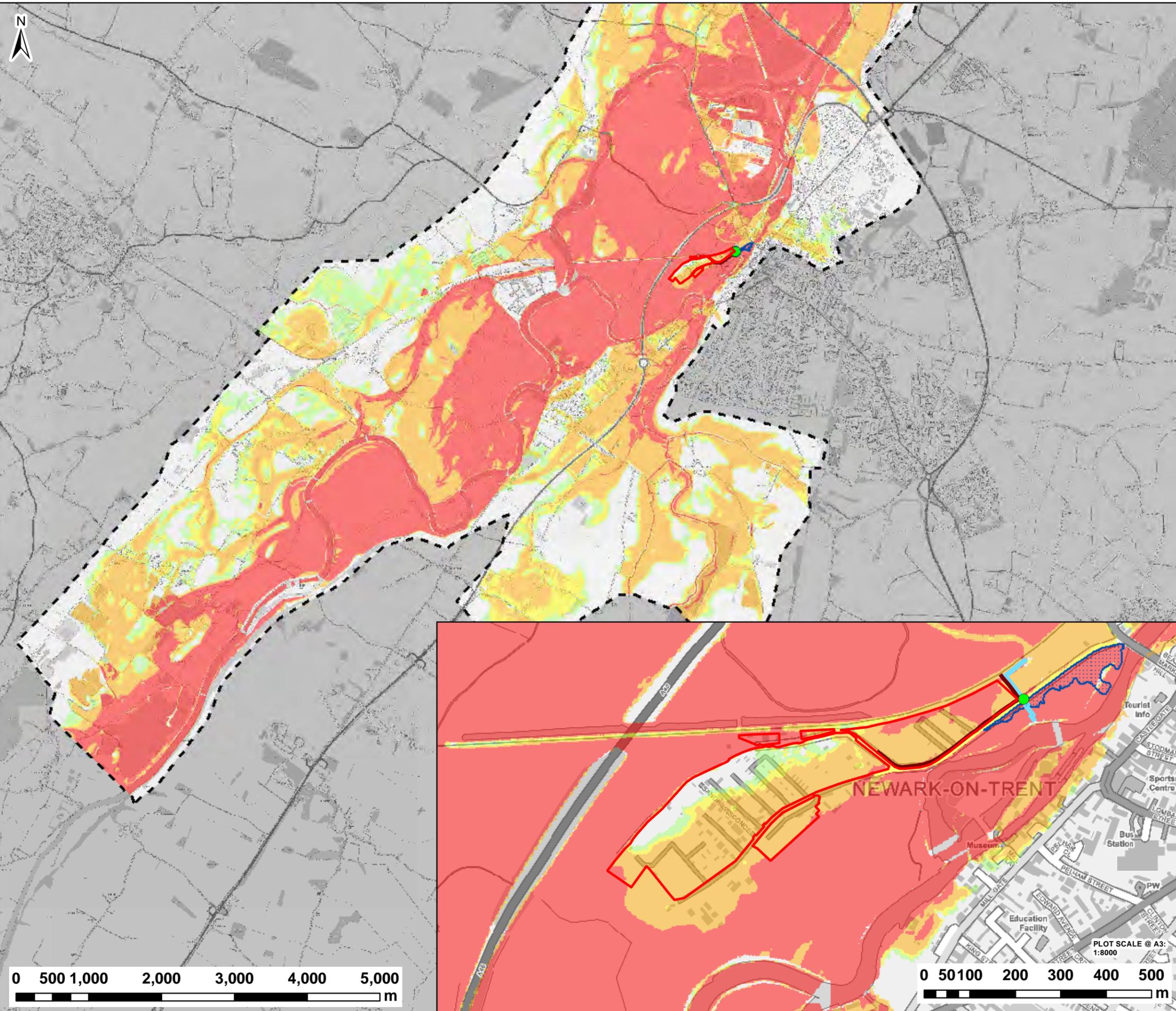
**FLOOD HAZARD RATING
1% AEP (+50%CC) FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 <small>(UNLESS STATED OTHERWISE)</small>
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PLOT NAME: w3375-Q100CC2_OPT1_NFC_HZ REV: -

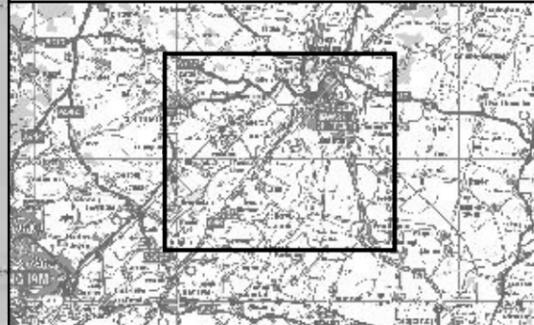




NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
 - 2D Model Extent
 - Proposed Flood Relief Culvert
 - Proposed Flood Wall
 - Proposed Flood Relief Channel
 - Proposed Flood Relief Area
 - Proposed Tolney Lane Raising
- Maximum Flood Hazard Rating (FD2320)**
- < 0.75 (Caution)
 - 0.75 - 1.25 (Danger for Some)
 - 1.25 - 2 (Danger for Most)
 - > 2.0 (Danger for All)



CLIENT:




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SCHEME:

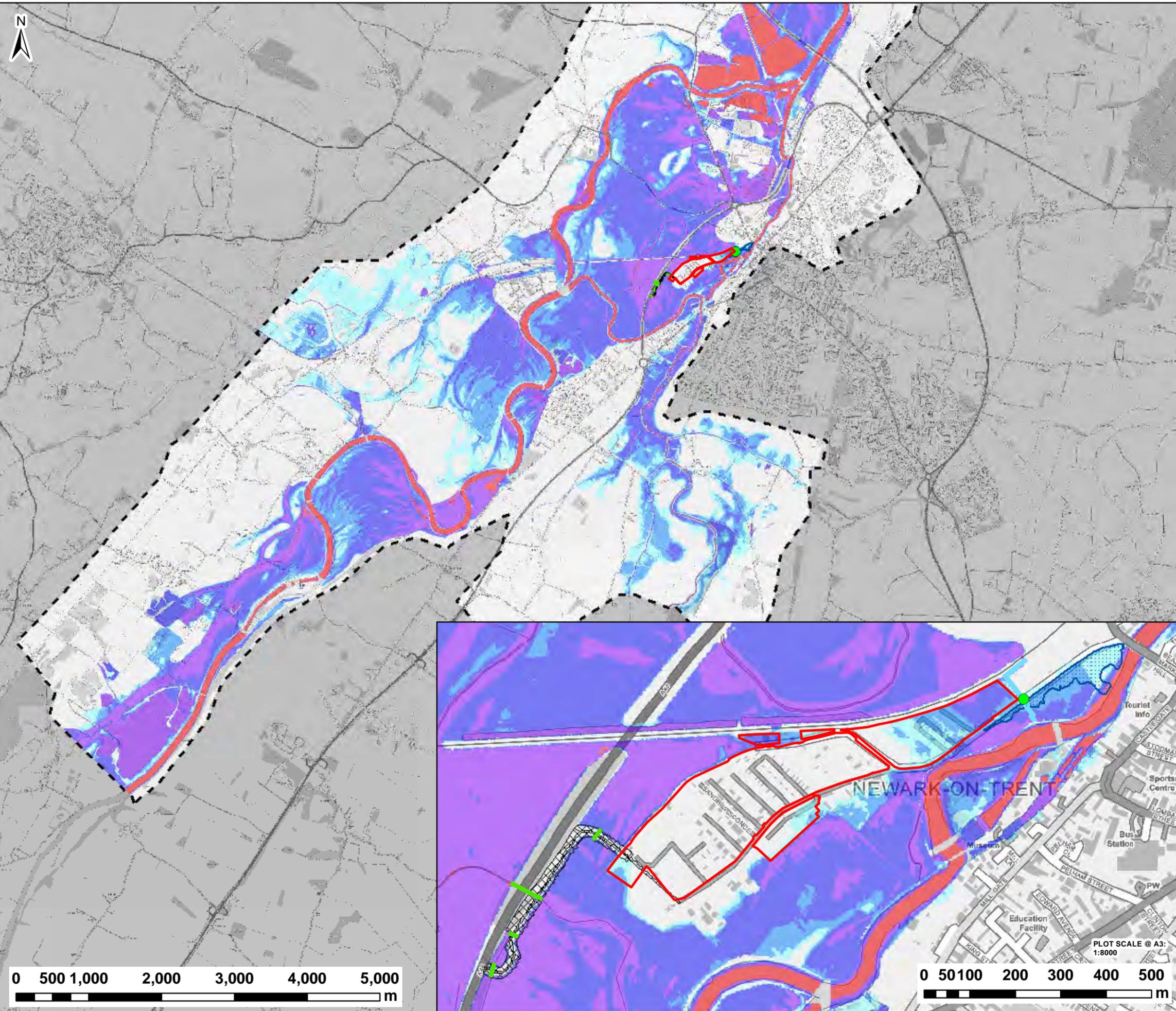
**TOLNEY LANE,
NEWARK**

PLOT TITLE:

**FLOOD HAZARD RATING
0.1% AEP FLUVIAL EVENT
OPTION 1
NORMAL FLOW CONDITIONS**

PLOT STATUS:			DATE:
FINAL			25/04/2019
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE @ A3:
CM	RC	LS	1:50,000 (UNLESS STATED OTHERWISE)
PLOT NAME:			REV:
w3375-Q1000_OPT1_NFC_HZ			-

FAS Option 2 (OPT2) Flood Mapping



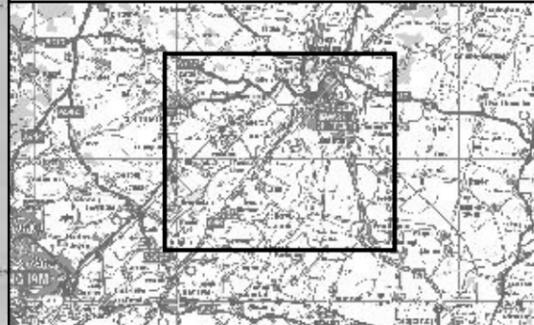
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

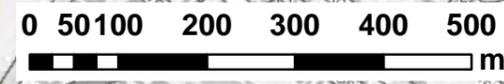
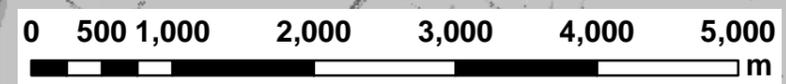
- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Culverts
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Highway Land Raising

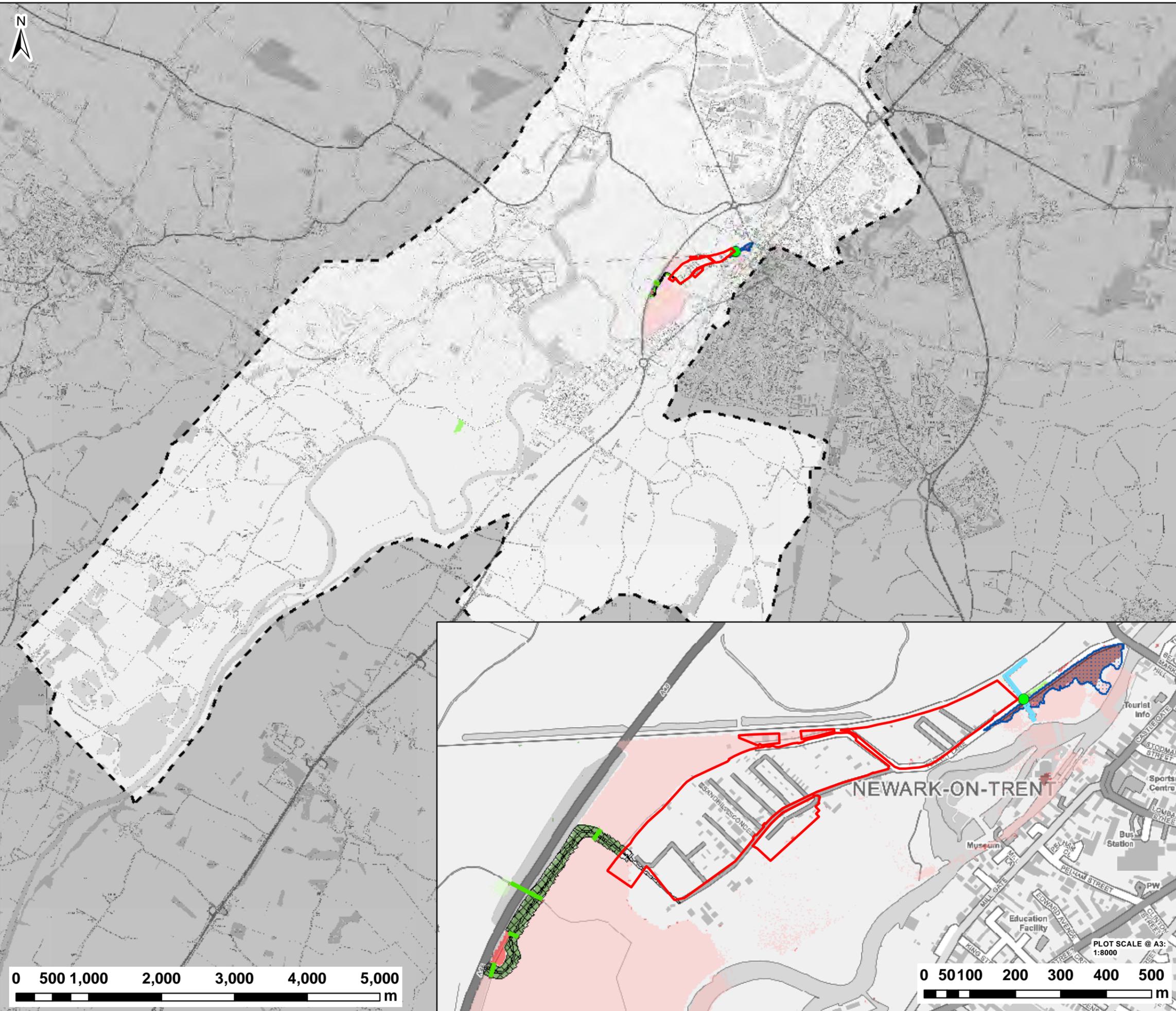
Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



 www.waterco.co.uk			
CLIENT: TOLNEY LANE, NEWARK			
SCHEME: TOLNEY LANE, NEWARK			
PLOT TITLE: MAXIMUM FLOOD DEPTH 5% AEP FLUVIAL EVENT OPTION 2 NORMAL FLOW CONDITIONS			
PLOT STATUS: FINAL		DATE: 25/04/2019	
DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 <small>(UNLESS STATED OTHERWISE)</small>
PLOT NAME: w3375-Q20_OPT2_NFC_D			REV: -





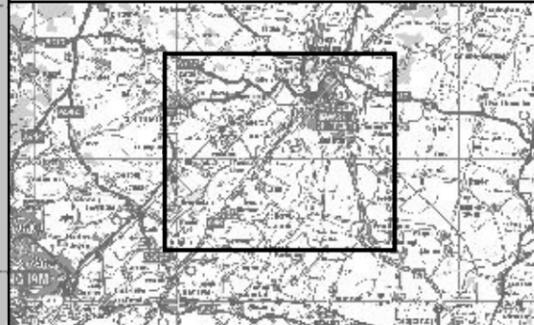
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Culverts
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Highway Land Raising

Maximum Depth Variation

- > +100mm
- +50mm to +100mm
- +20mm to +50mm
- No Change (+/-20mm)
- 20mm to -50mm
- 50mm to -100mm
- > -100mm



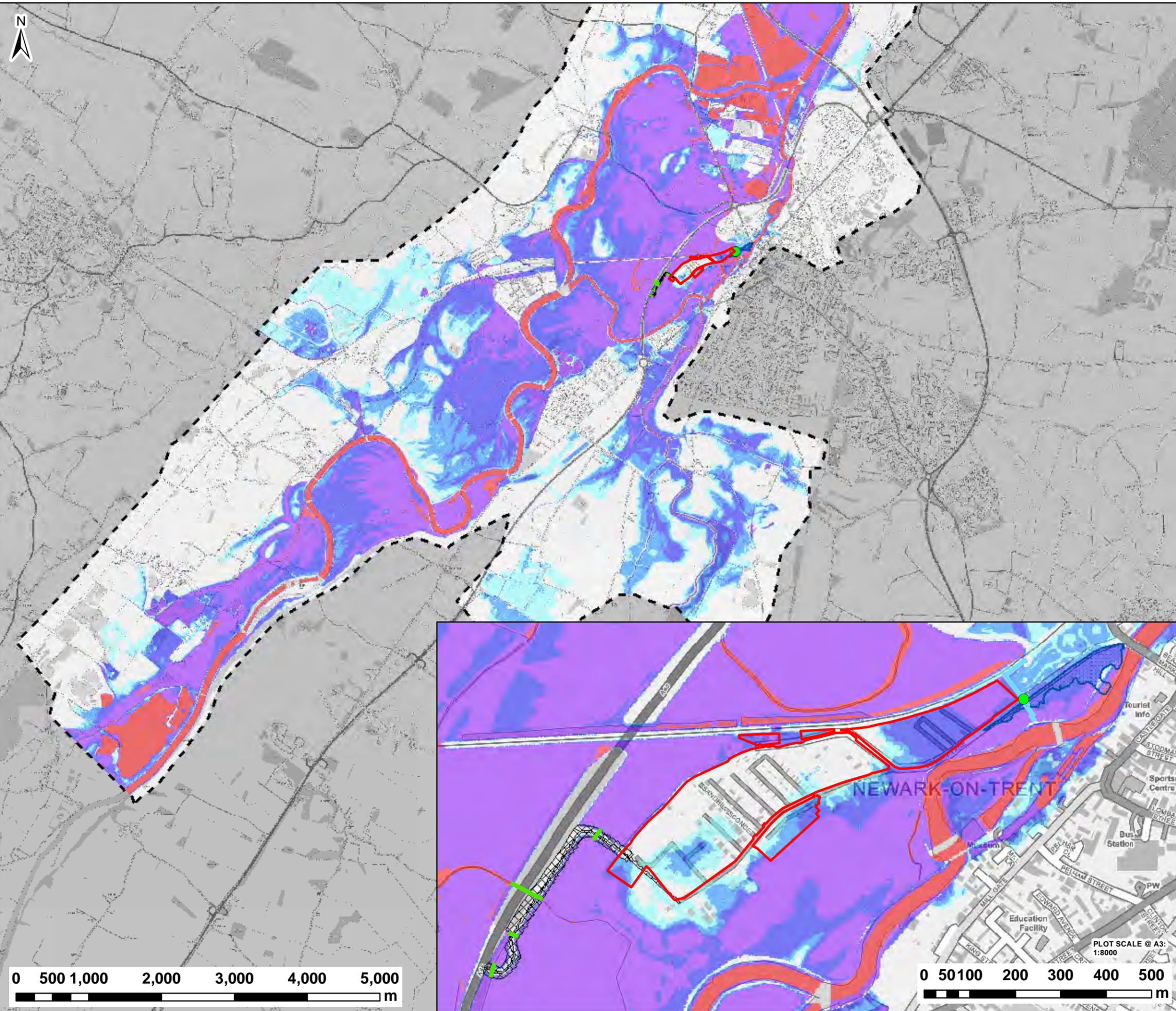
SCHEME:
TOLNEY LANE, NEWARK

PLOT TITLE:
**DEPTH DIFFERENCE
5% AEP FLUVIAL EVENT
OPT2-EXG
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q20_OPT2-EXG_NFC_D_DIFF REV: -



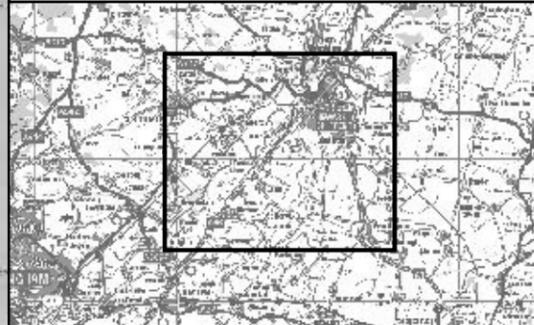
NOTES:
1) ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS STATED OTHERWISE

LEGEND

- Site Location
- 2D Model Extent
- Proposed Flood Relief Culvert
- Proposed Culverts
- Proposed Flood Relief Channel
- Proposed Flood Relief Area
- Proposed Highway Land Raising

Maximum Flood Depth (m)

- 0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.2
- 1.2 - 2.4
- > 2.4



CLIENT:




www.waterco.co.uk

SCHEME:
**TOLNEY LANE,
NEWARK**

PLOT TITLE:
**MAXIMUM FLOOD DEPTH
1% AEP FLUVIAL EVENT
OPTION 2
NORMAL FLOW CONDITIONS**

PLOT STATUS: **FINAL** DATE: 25/04/2019

DRAWN: CM	CHECKED: RC	APPROVED: LS	PLOT SCALE @ A3: 1:50,000 (UNLESS STATED OTHERWISE)
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PLOT NAME: w3375-Q100_OPT2_NFC_D REV: -