

## Appendix D : Figures

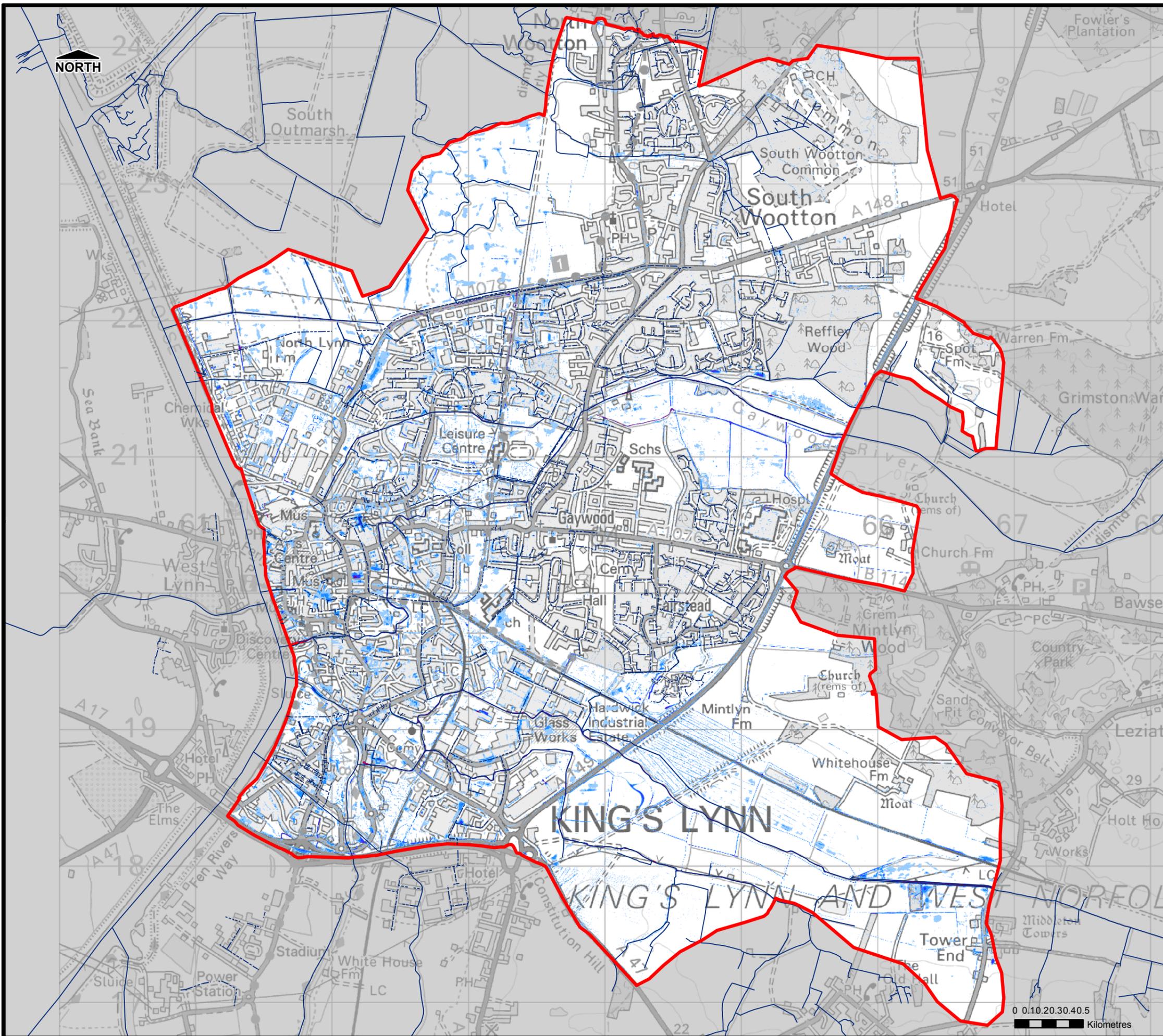
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



## King's Lynn Ordinary Watercourse Flood Investigation

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| 1:27,000           | July 2015   | G. Athanasia    | M. Mamun           |

**DRAFT**  
**Flood Depth**  
**1 in 30yr, 3.4hr duration**

Consultant

# CAPITA

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

**FIGURE 1**

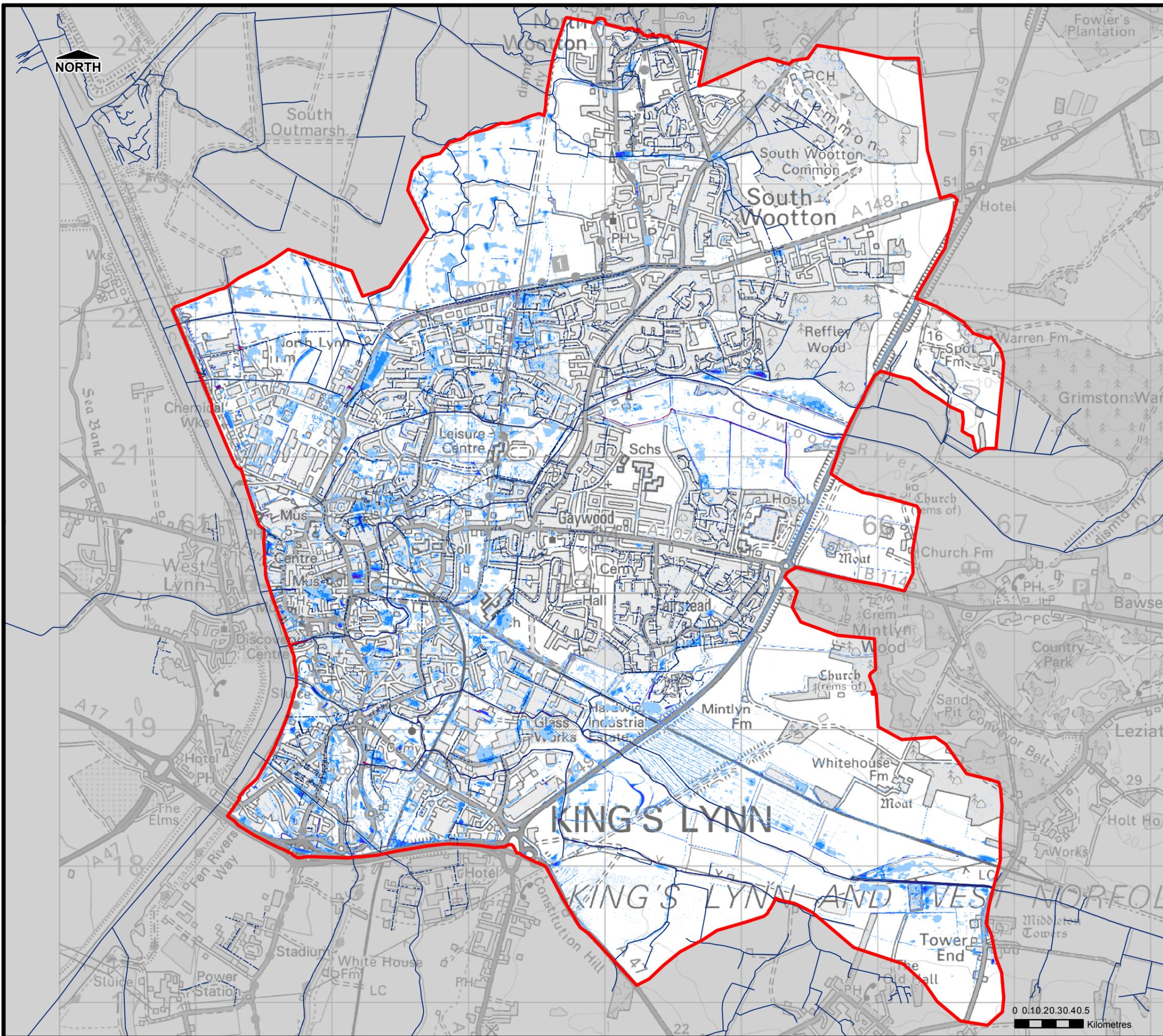
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT  
Flood Depth  
1 in 75yr, 3.4hr duration**

Consultant

**CAPITA**

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Level 4  
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EC2V 7NQ

**FIGURE 2**

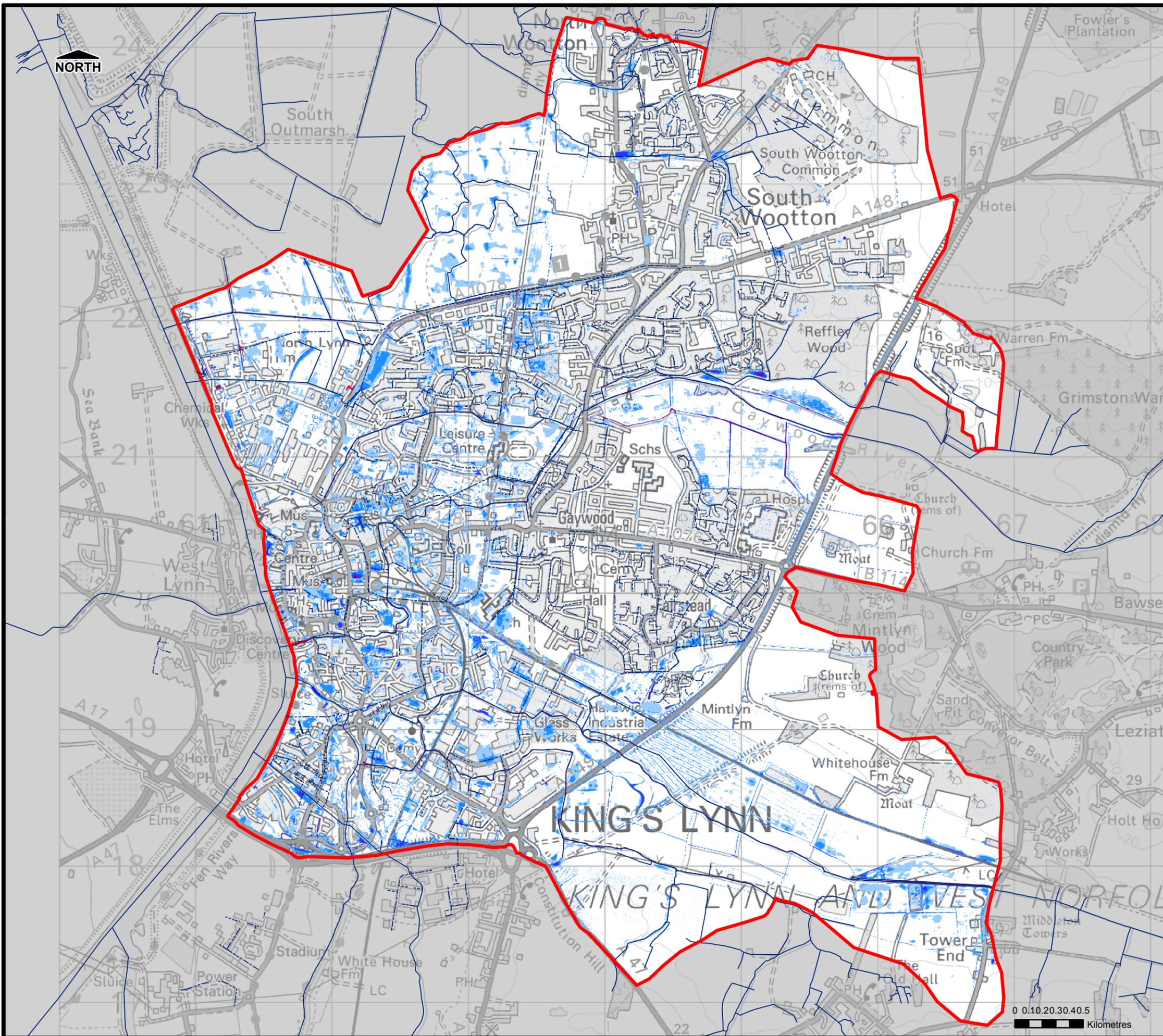
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**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT  
Flood Depth  
1 in 100yr, 3.4hr duration**

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**FIGURE 3**

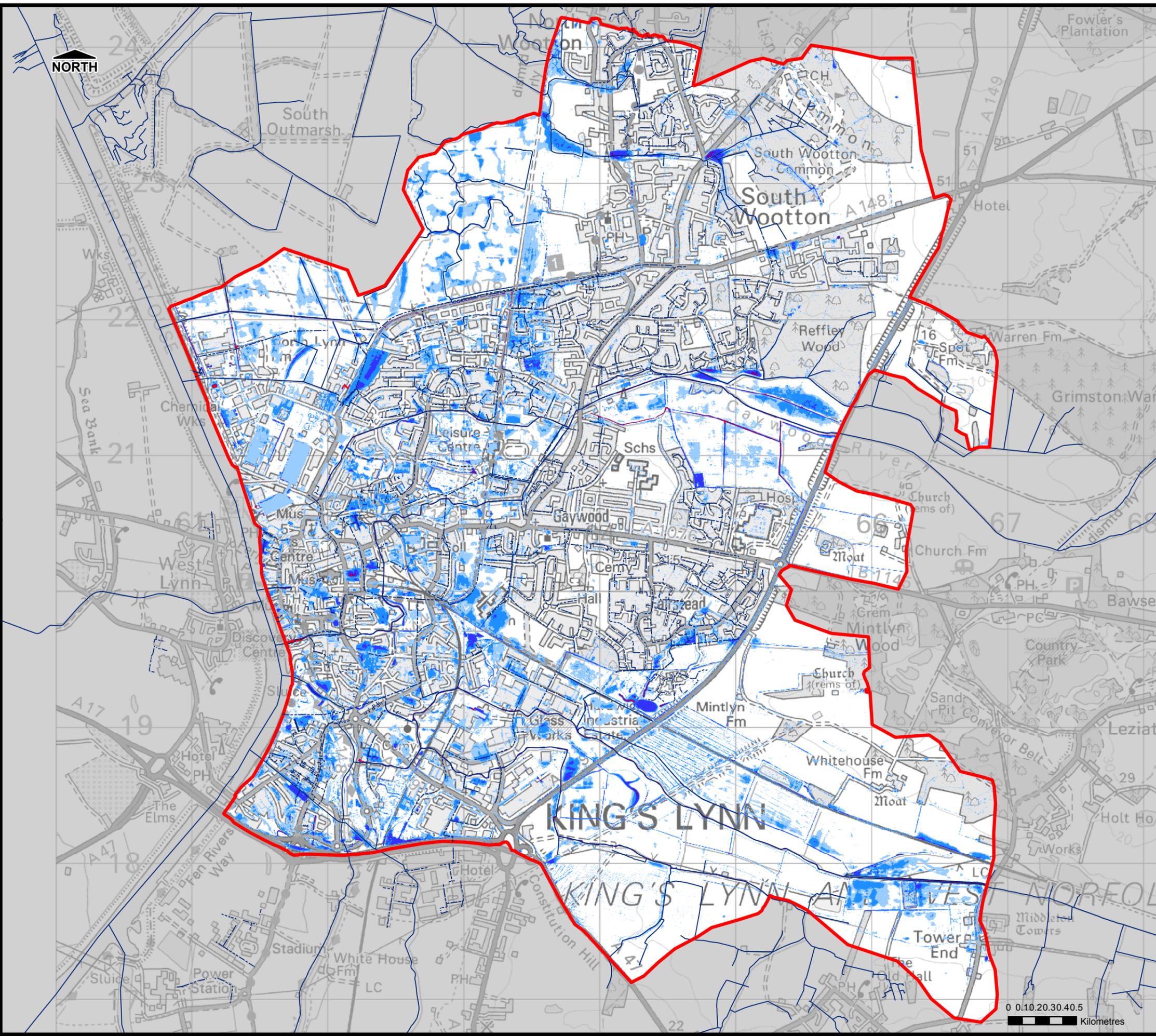
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT**  
**Flood Depth**  
**1 in 100yr CC, 3.4hr duration**

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**FIGURE 4**

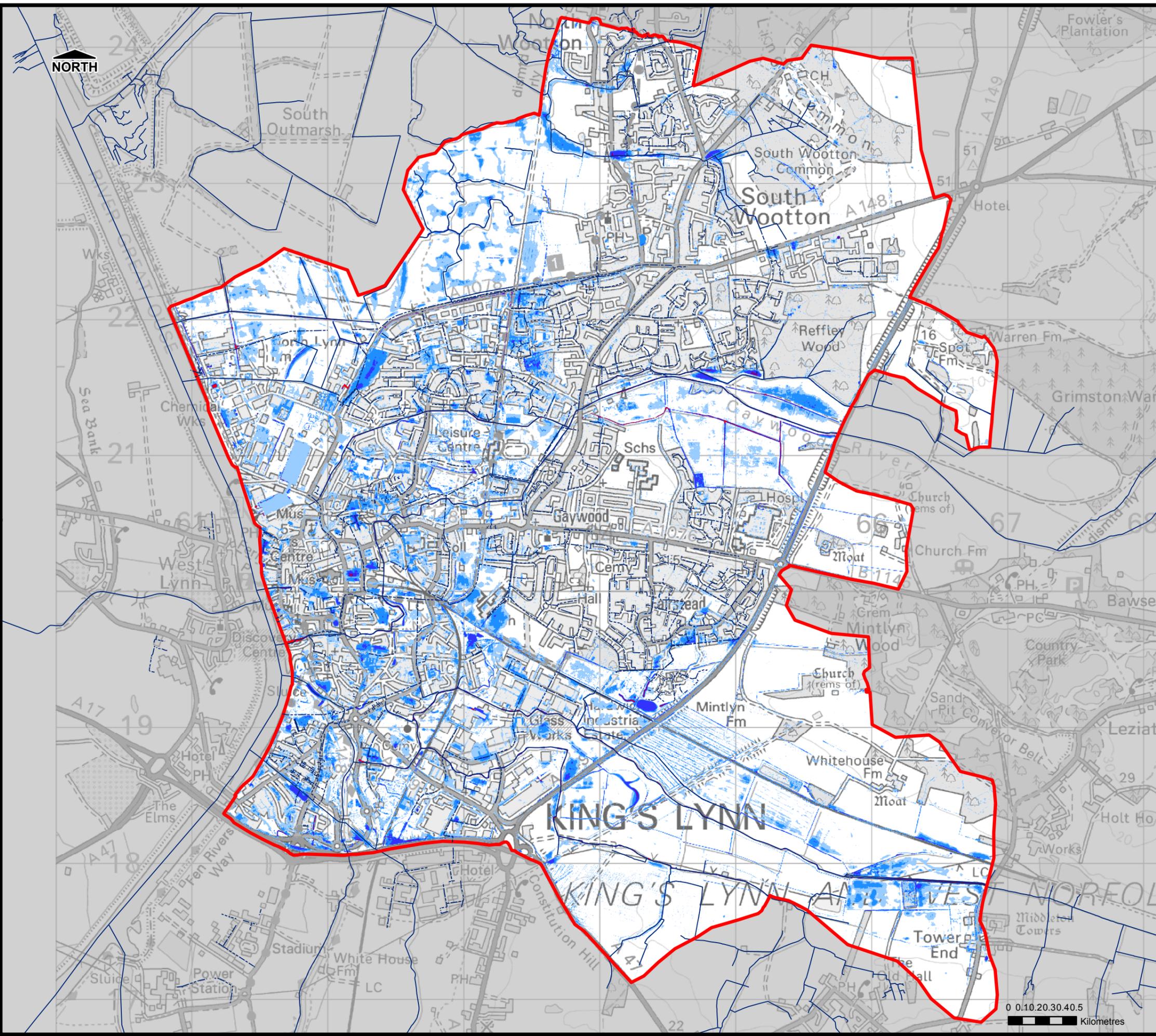
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**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT**  
**Flood Depth**  
**1 in 200yr, 3.4hr duration**

Consultant

# CAPITA

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**FIGURE 5**



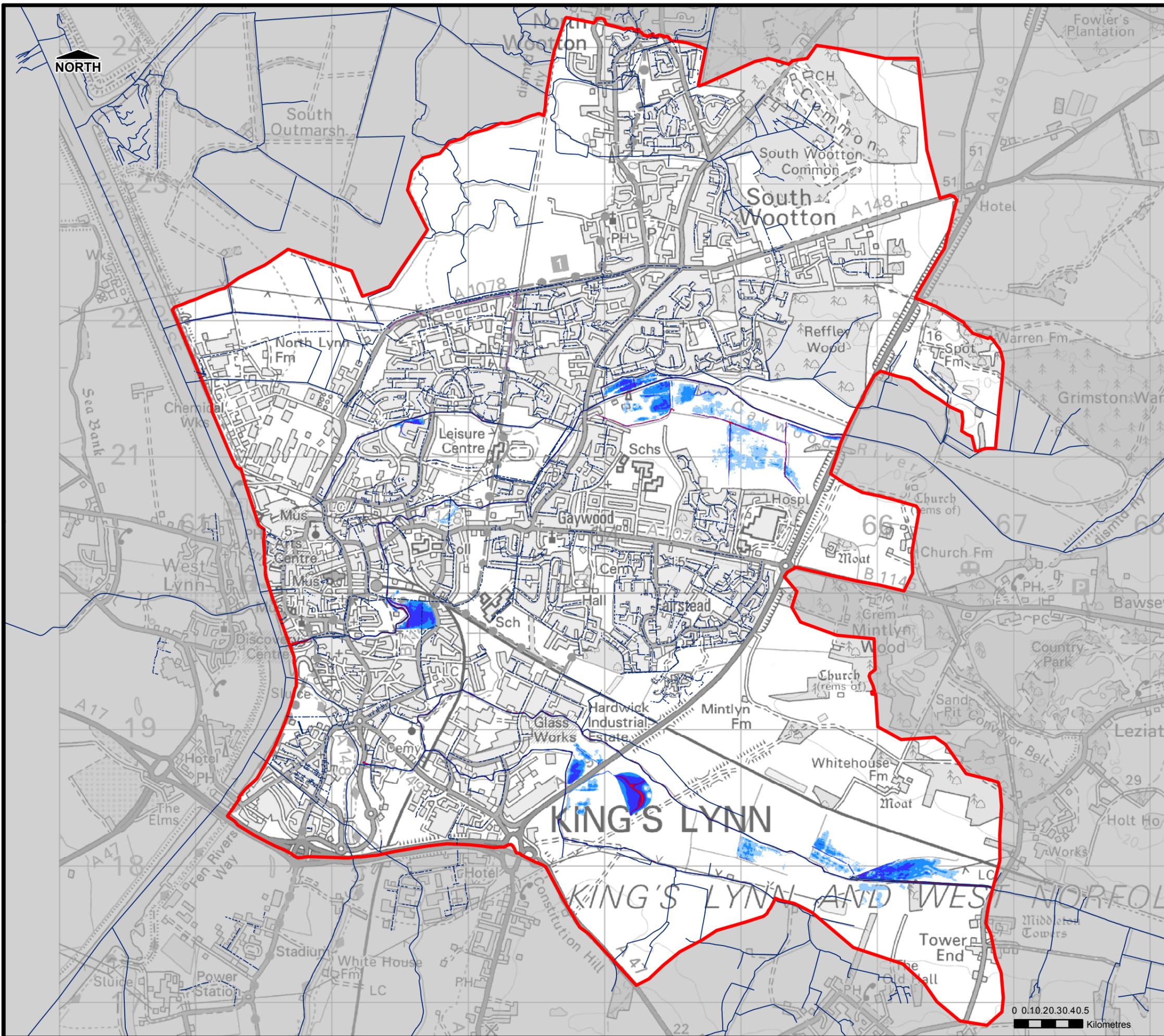
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Legend

- Main and Ordinary Watercourse
- Model Extent
- CDC Boundary
- Sewer- Surface and Combined

Flood Depth (m)

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m



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**DRAFT**  
Flood Depth, Fluvial Flow  
1 in 75yr, 26.1hr duration

Consultant

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Level 4  
65 Gresham Street  
EC2V 7NQ

## FIGURE 7

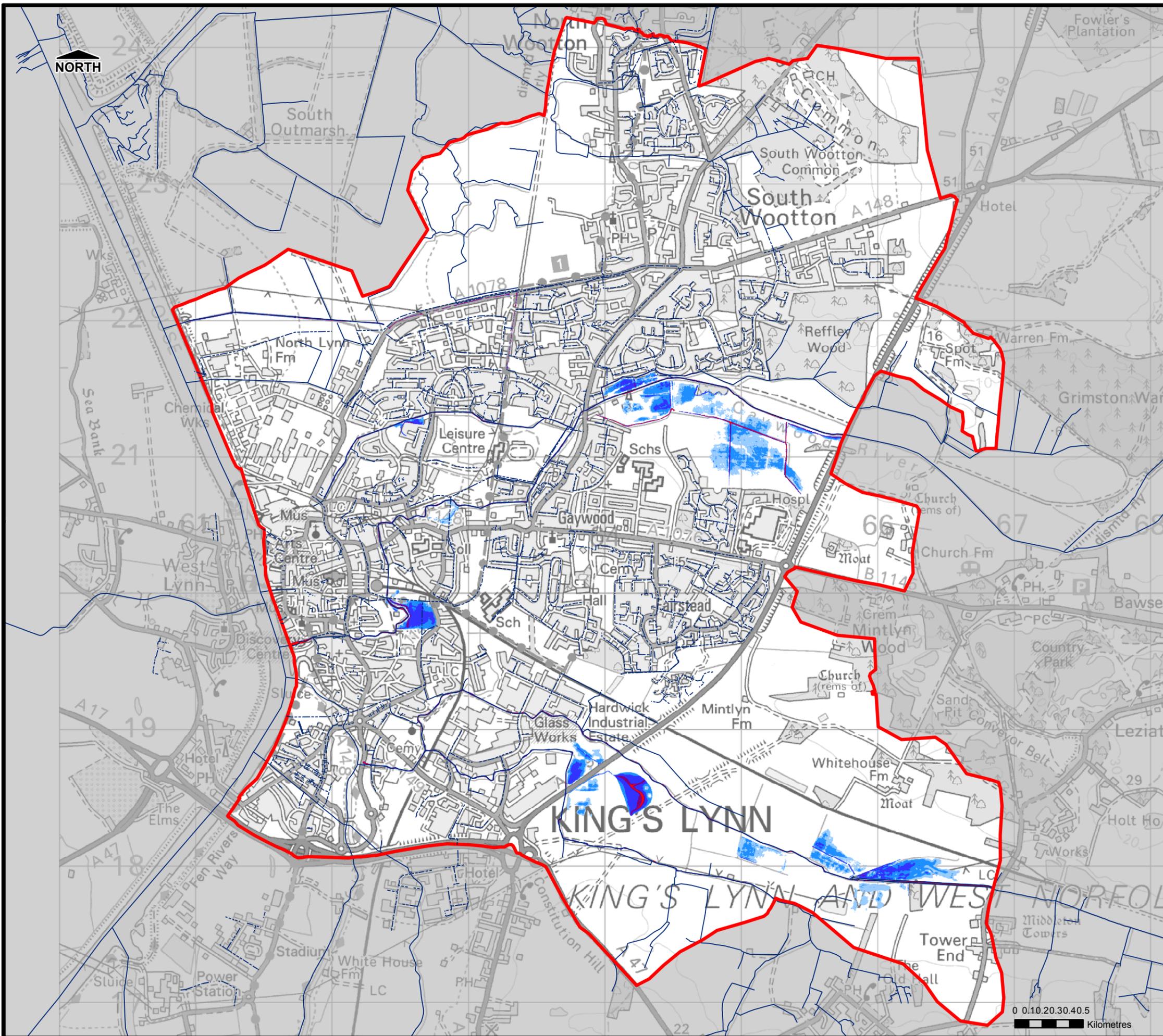
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT**  
Flood Depth, Fluvial Flow  
1 in 100yr, 26.1hr duration

Consultant

# CAPITA

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

### FIGURE 8

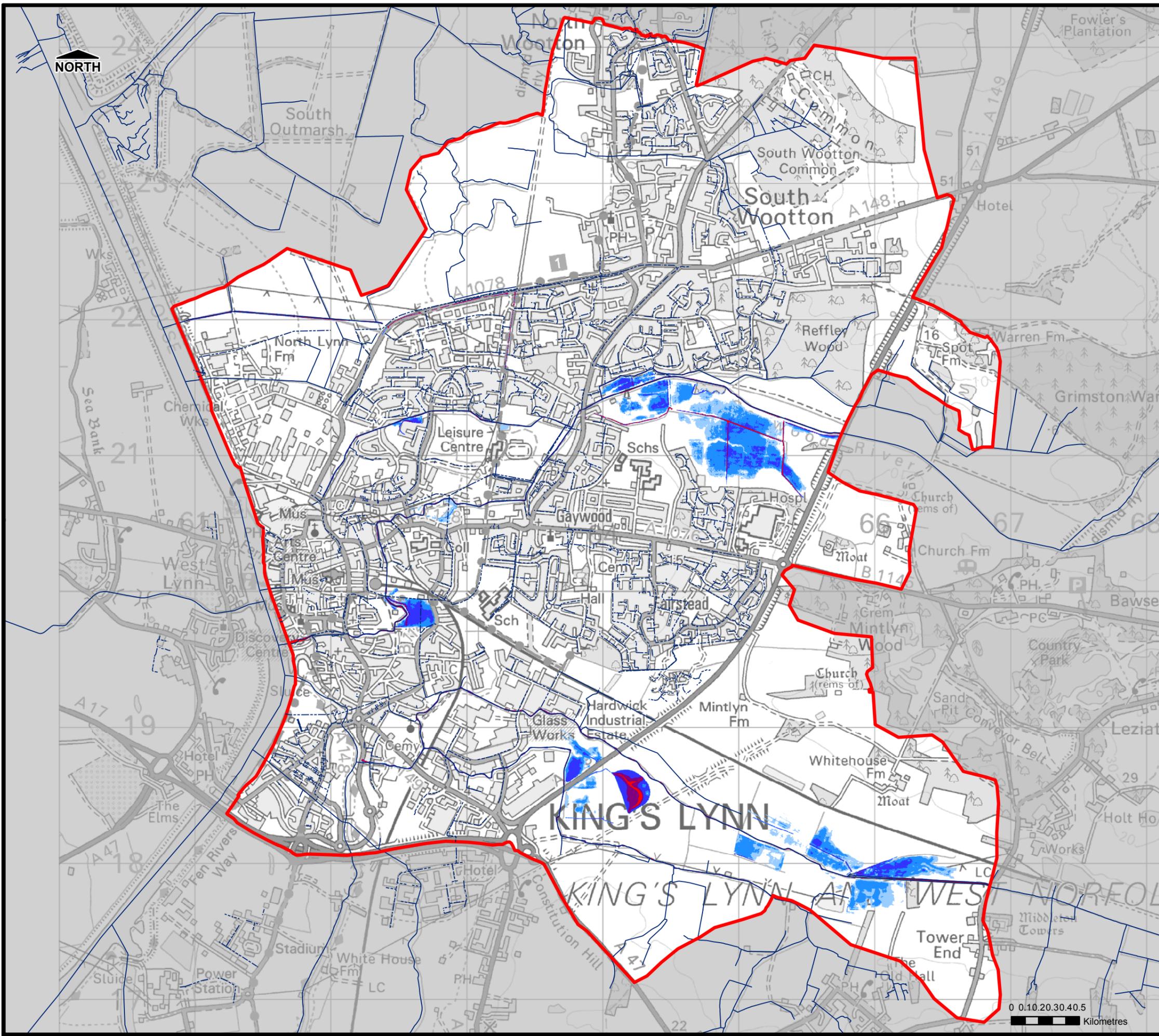
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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|-------------|-----------|--------------|-------------|
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**DRAFT**  
Flood Depth, Fluvial Flow  
1 in 100yr CC, 26.1hr duration

Consultant

# CAPITA

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

**FIGURE 9**



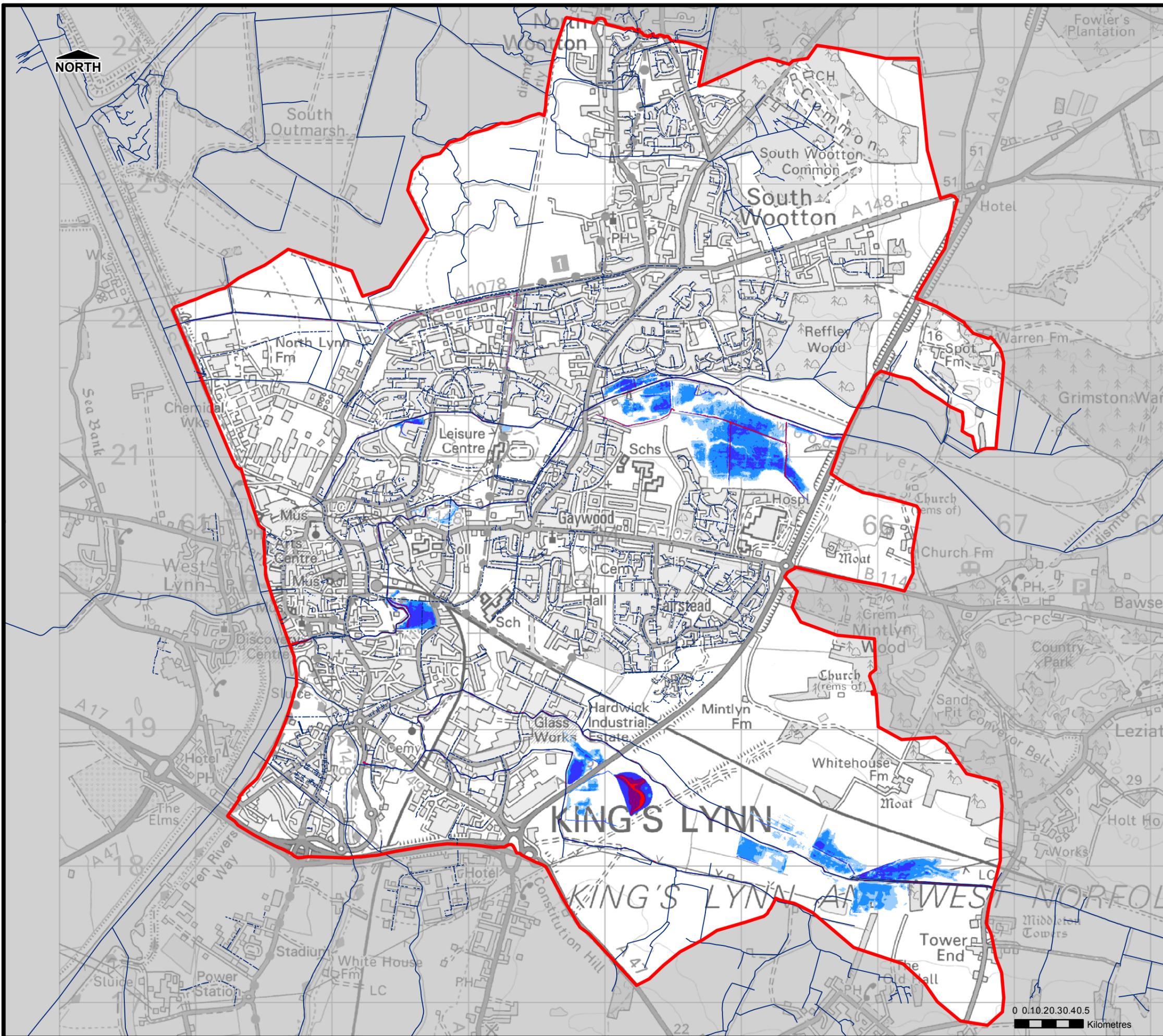
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Model Extent
-  CDC Boundary
-  Sewer- Surface and Combined

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m



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**DRAFT**  
Flood Depth, Fluvial Flow  
1 in 200yr, 26.1hr duration

Consultant

# CAPITA

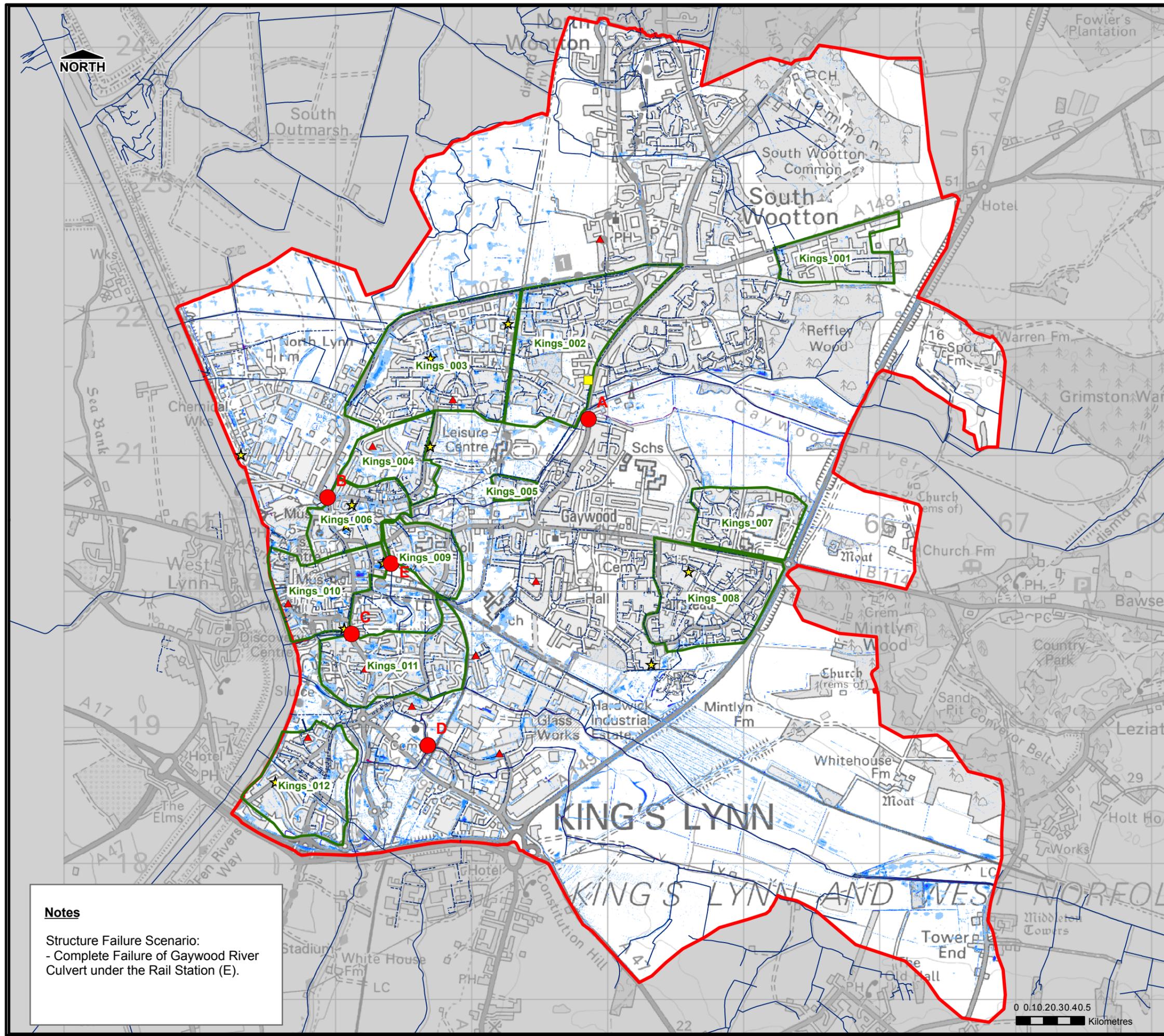
Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

**FIGURE 10**

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**Legend**

- Structure Failure Location
  - Main and Ordinary Watercourse
  - Model Extent
  - CDC Boundary
  - - - Sewer- Surface and Combined
- Flood Depth (m)**
- < 0.1m
  - 0.1m to 0.25m
  - 0.25m to 0.5m
  - 0.5m to 1.0m
  - 1.0m to 1.5m
  - > 1.5m
- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
  - ▲ Anglian Water Flooding Records
- EA Historic Surface Water Flooding Records:**
- Fluvial
  - Ground Water
  - Multiple
  - Pluvial
  - Sewer
- Flooding Survey:**
- Multiple
  - Fluvial
  - Sewer
  - Pluvial
  - Tidal



**Notes**  
 Structure Failure Scenario:  
 - Complete Failure of Gaywood River Culvert under the Rail Station (E).

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
 Flood Depth  
 1 in 30yr, 3.4hr duration**

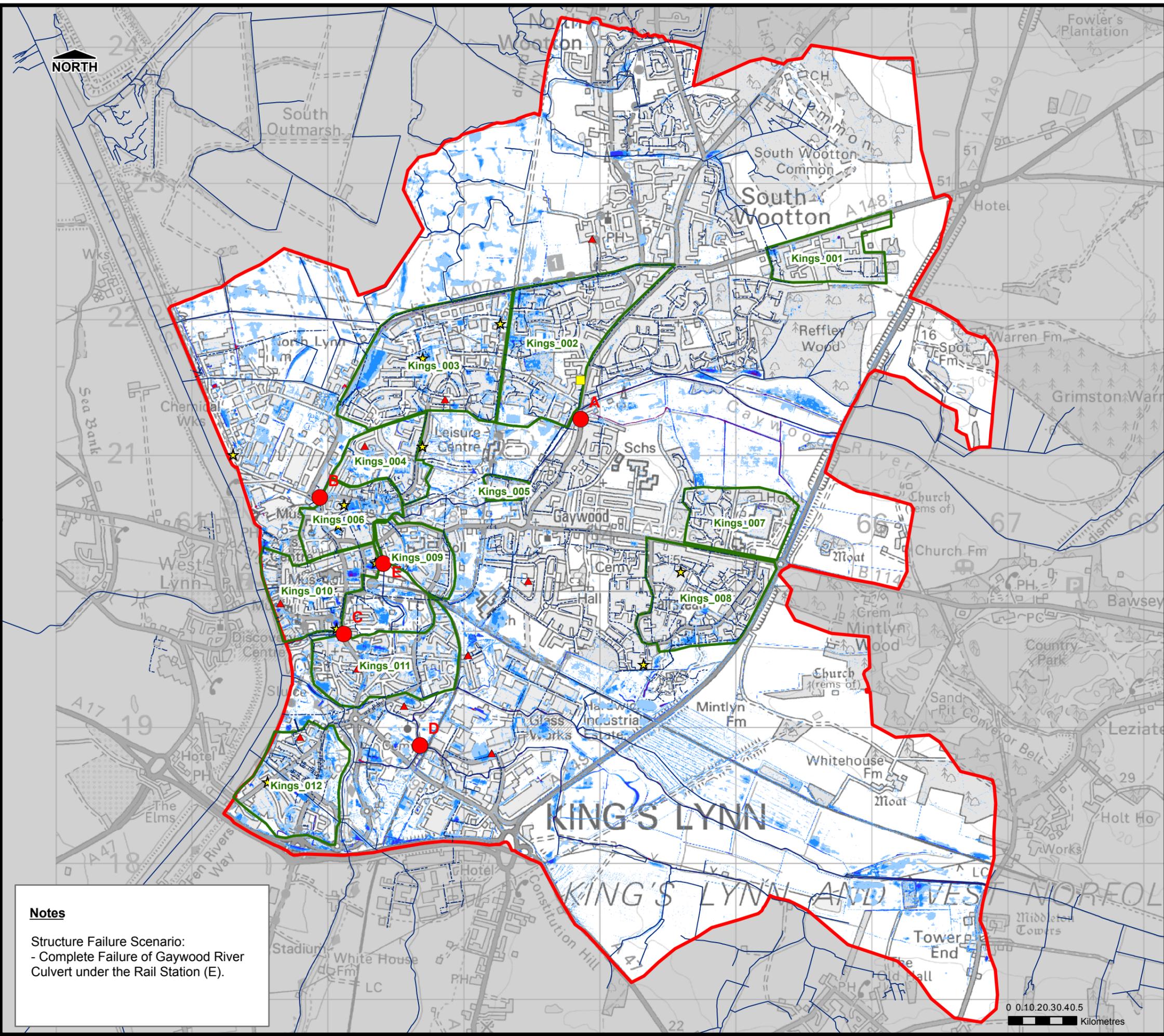
Consultant

**CAPITA**

Capita  
 Level 4  
 65 Gresham Street  
 EC2V 7NQ

**FIGURE 11**

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

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**DRAFT  
Flood Depth  
1 in 100yr, 3.4hr duration**

Consultant

**CAPITA**

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

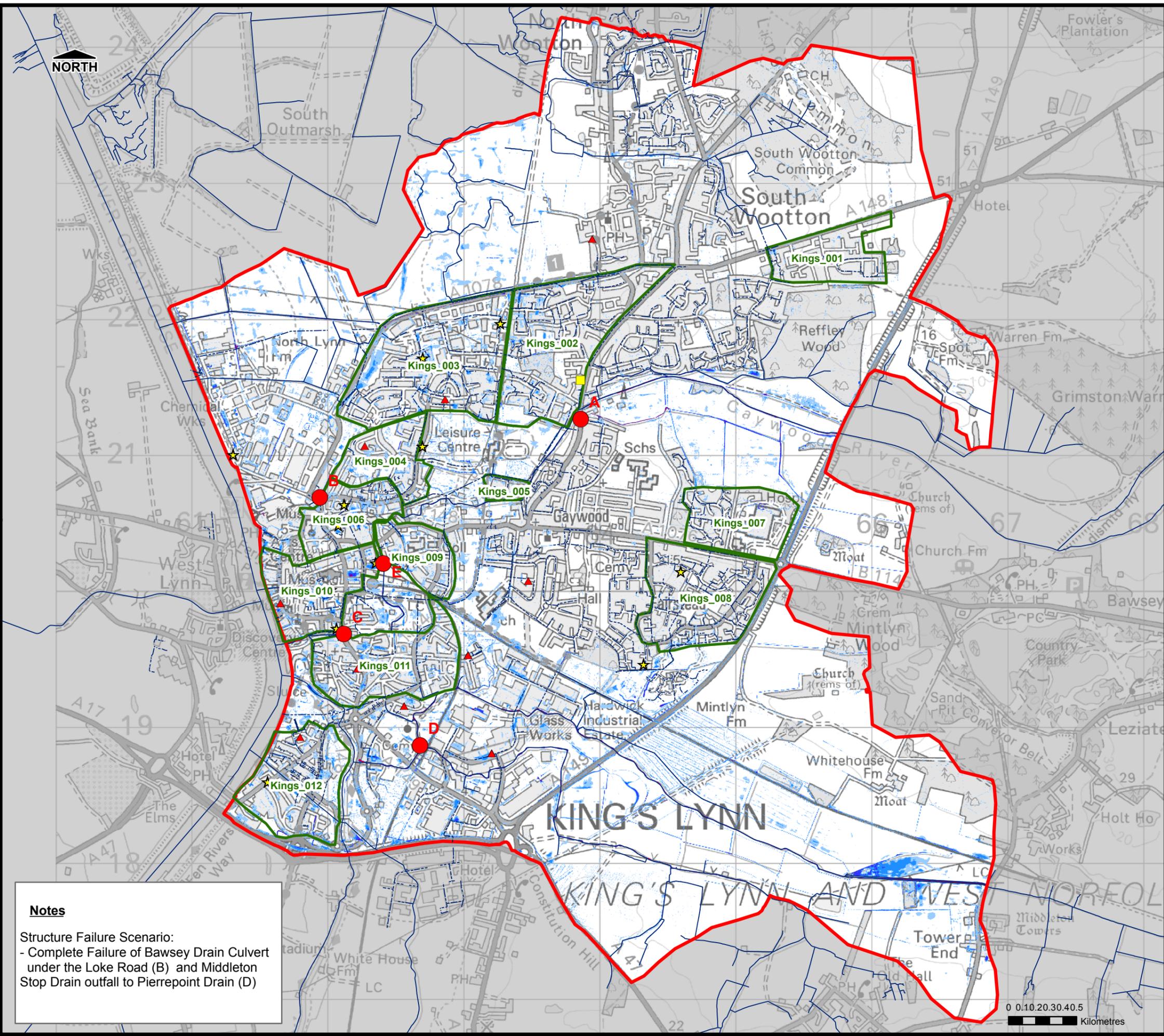
**Notes**

Structure Failure Scenario:  
- Complete Failure of Gaywood River Culvert under the Rail Station (E).



**FIGURE 12**

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**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Flood Depth  
1 in 30yr, 3.4hr duration**

Consultant

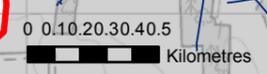
**CAPITA**

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

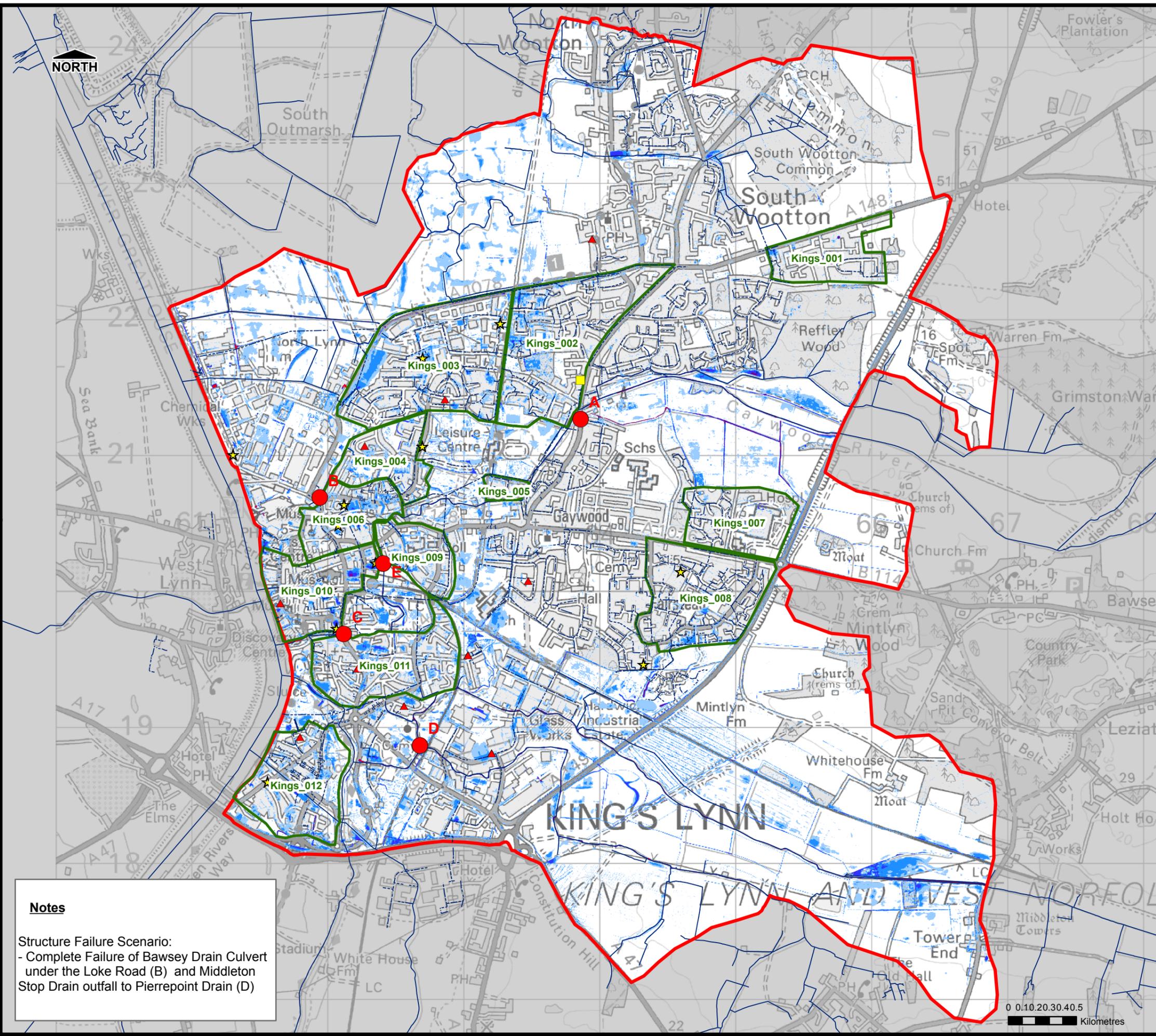
**FIGURE 13**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Culvert under the Loke Road (B) and Middleton Stop Drain outfall to Pierrepont Drain (D)



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- Model Extent
- CDC Boundary
- - - Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Flood Depth  
1 in 100yr, 3.4hr duration**

Consultant

CAPITA

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

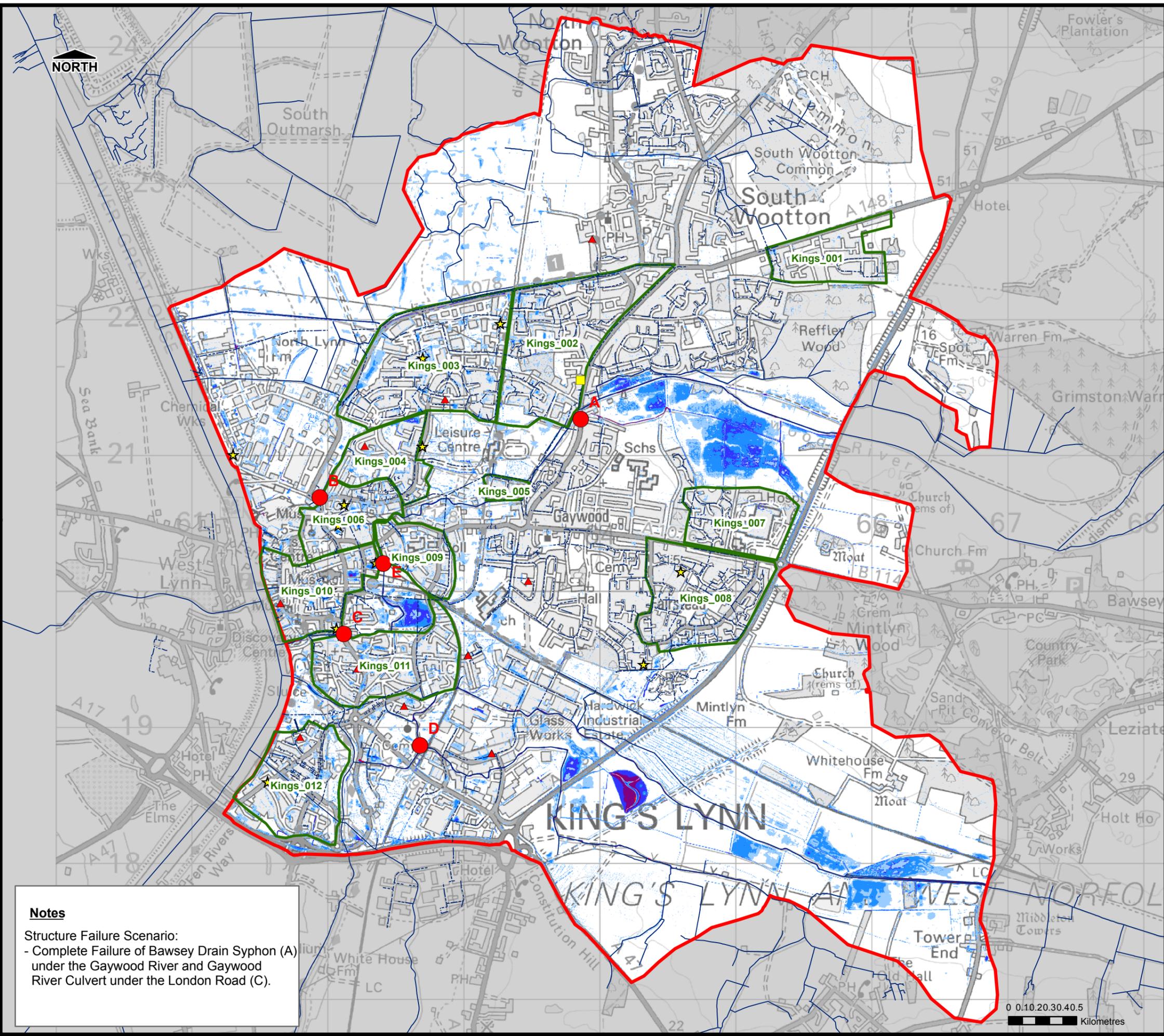
**FIGURE 14**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Culvert under the Loke Road (B) and Middleton Stop Drain outfall to Pierpoint Drain (D)

0 0.10.20.30.40.5  
Kilometres

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**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

**Notes**  
 Structure Failure Scenario:  
 - Complete Failure of Bawsey Drain Syphon (A) under the Gaywood River and Gaywood River Culvert under the London Road (C).

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
 Flood Depth  
 1 in 30yr, 3.4hr duration**

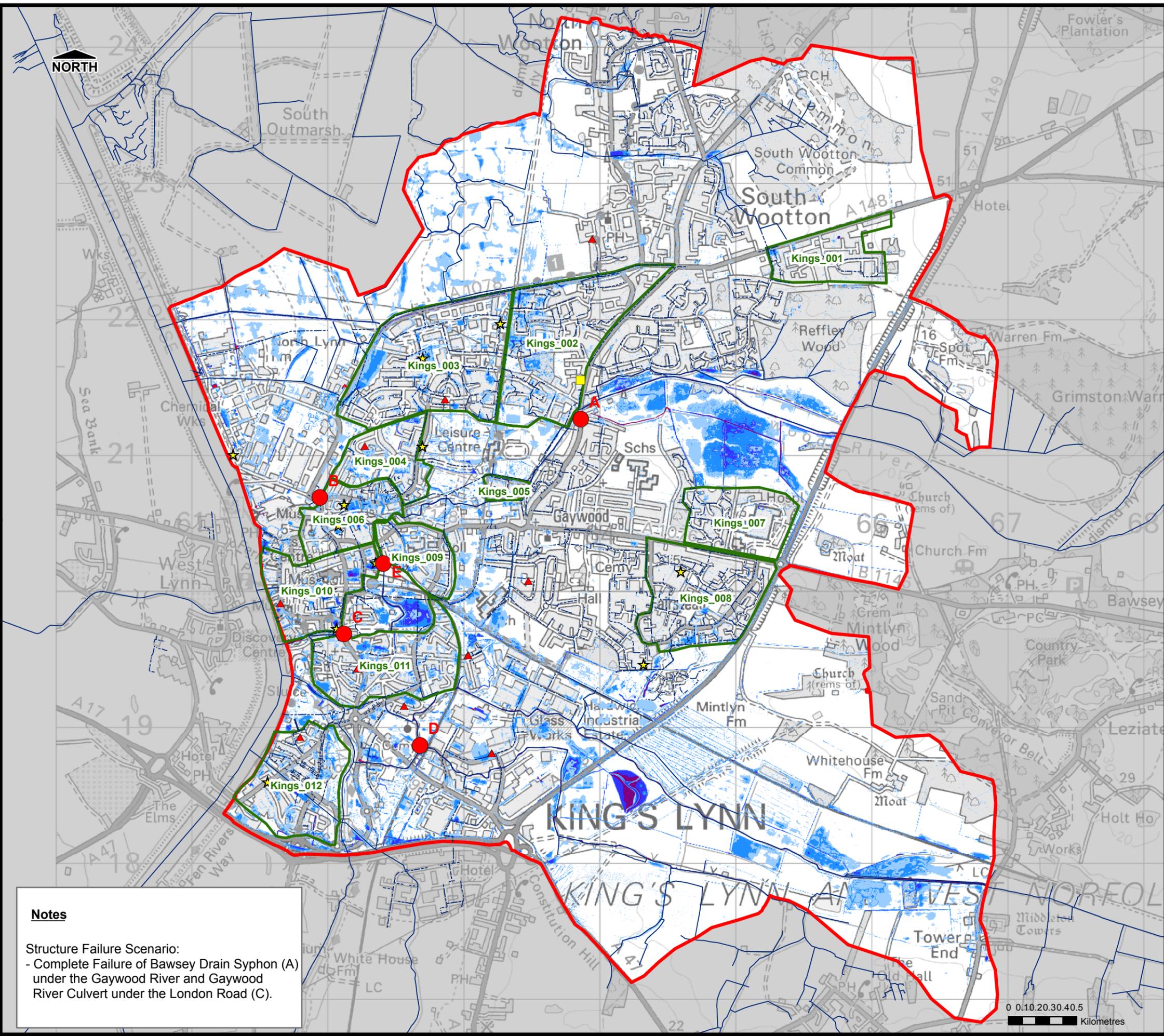
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**CAPITA**

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 Level 4  
 65 Gresham Street  
 EC2V 7NQ

**FIGURE 15**

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**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Pluvial
- Sewer
- Multiple

**Flooding Survey:**

- Multiple
- Fluvial
- Sewer
- Pluvial
- Tidal

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**DRAFT  
Flood Depth  
1 in 100yr, 3.4hr duration**

Consultant

CAPITA

Capita  
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65 Gresham Street  
EC2V 7NQ

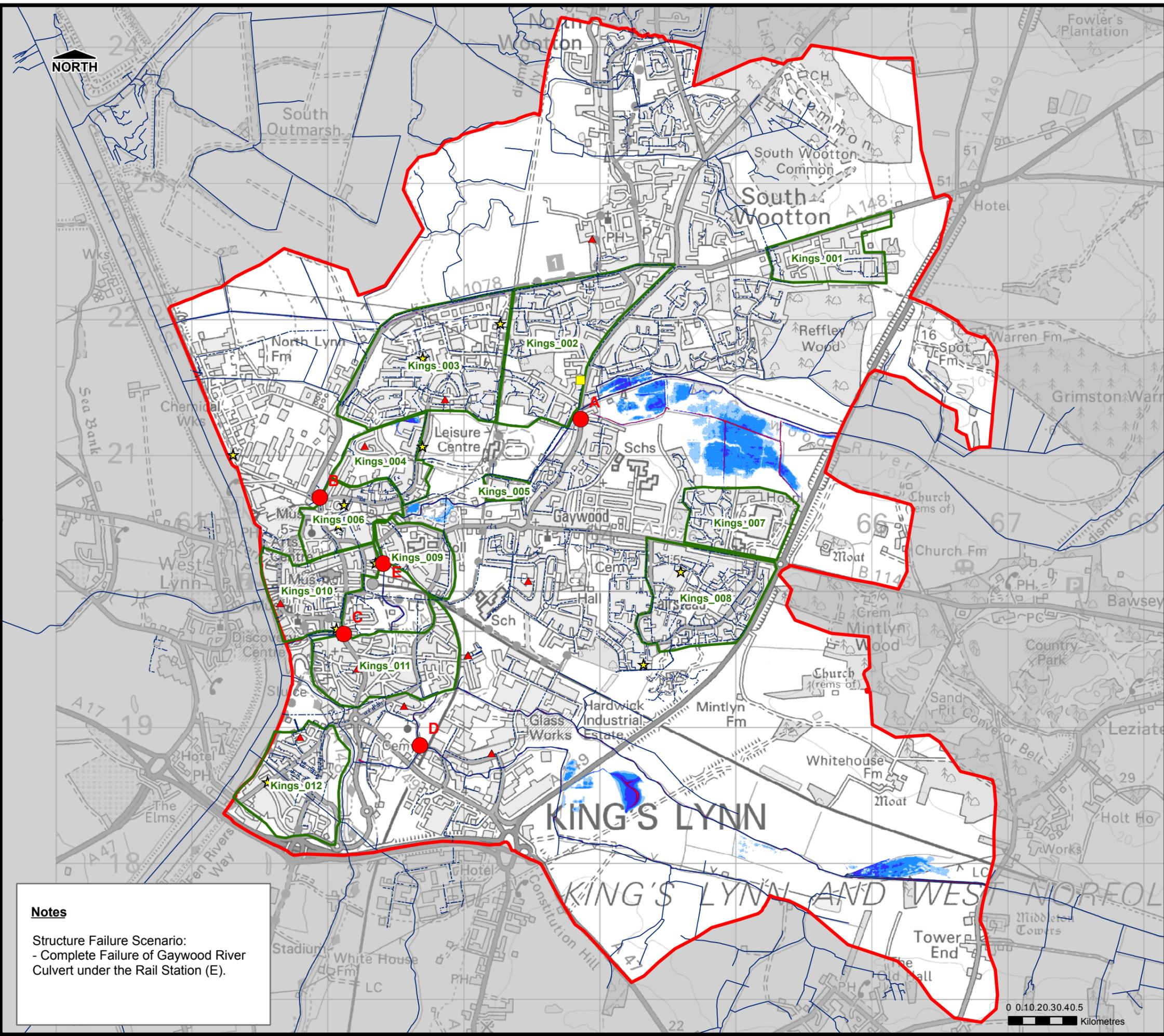
**FIGURE 16**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Syphon (A) under the Gaywood River and Gaywood River Culvert under the London Road (C).



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**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

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**DRAFT  
Flood Depth  
1 in 30yr, Fluvial Flow**

Consultant

**CAPITA**

Capita  
Level 4  
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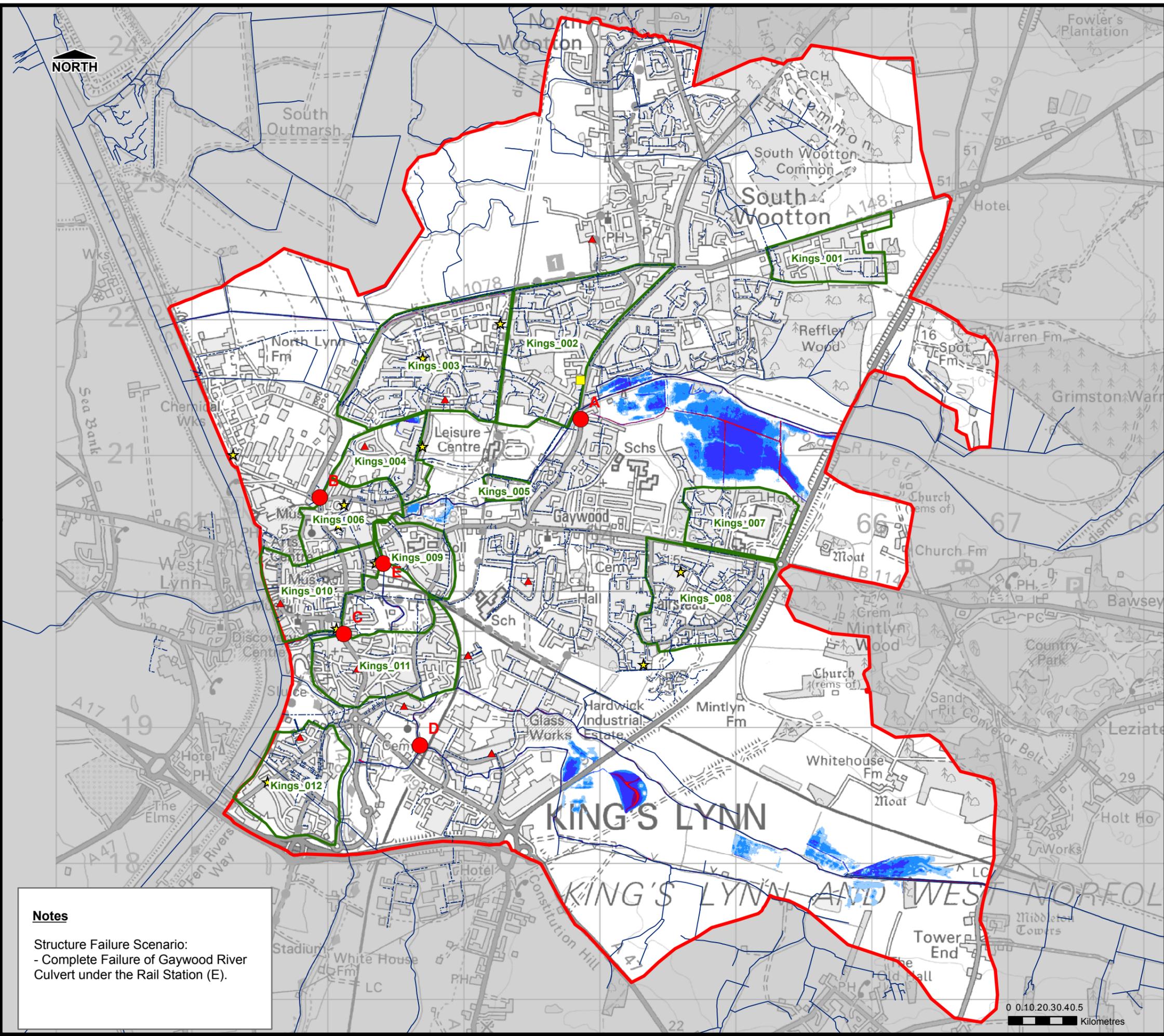
**FIGURE 17**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Gaywood River Culvert under the Rail Station (E).



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

### King's Lynn Ordinary Watercourse Flood Investigation

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Flood Depth  
1 in 100yr, Fluvial Flow**

Consultant

**CAPITA**

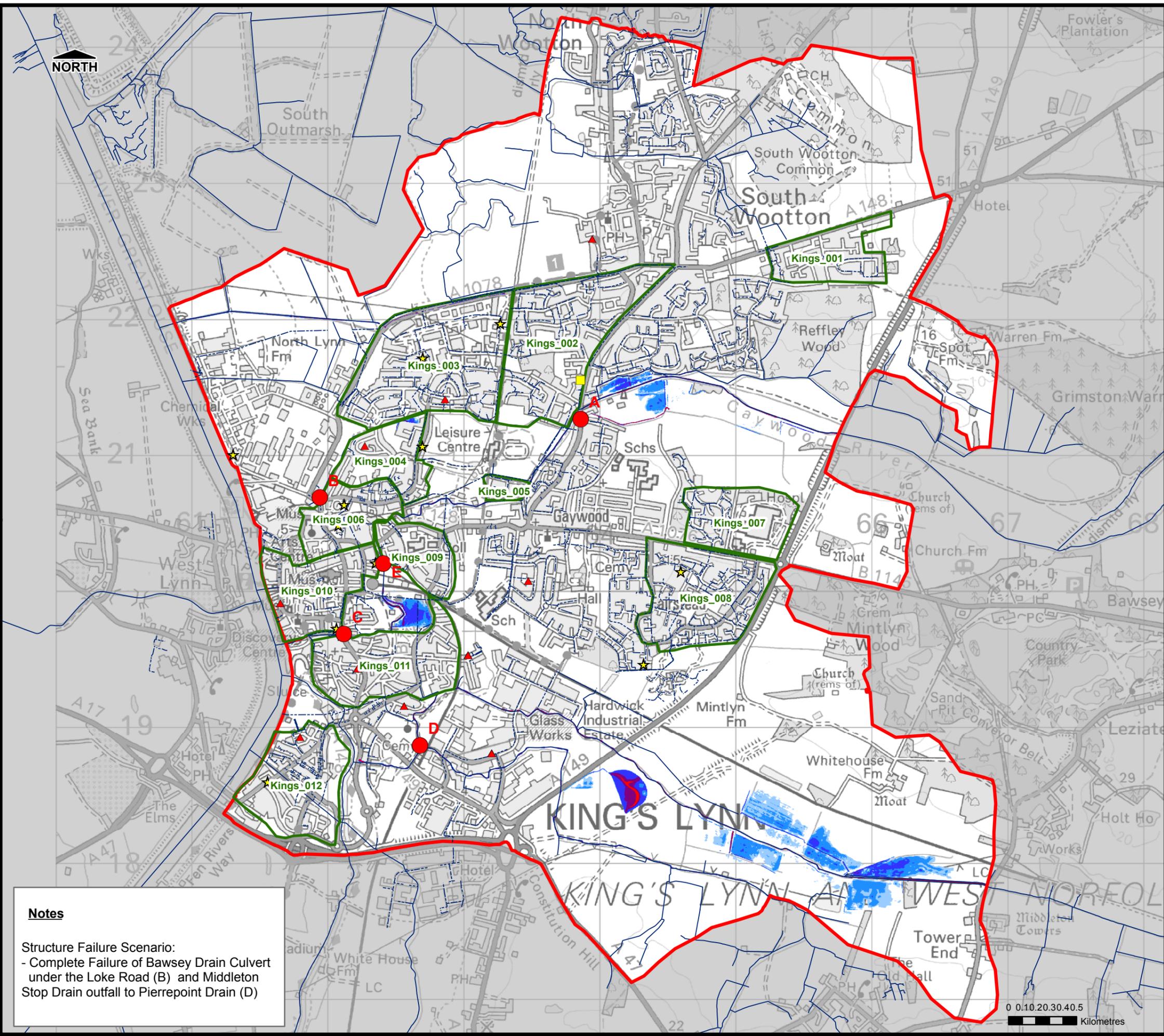
Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

**FIGURE 18**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Gaywood River Culvert under the Rail Station (E).

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- Model Extent
- CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Pluvial
- Sewer
- Multiple

**Flooding Survey:**

- Multiple
- Fluvial
- Sewer
- Pluvial
- Tidal

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT**  
**Flood Depth**  
**1 in 30yr, Fluvial Flow**

Consultant

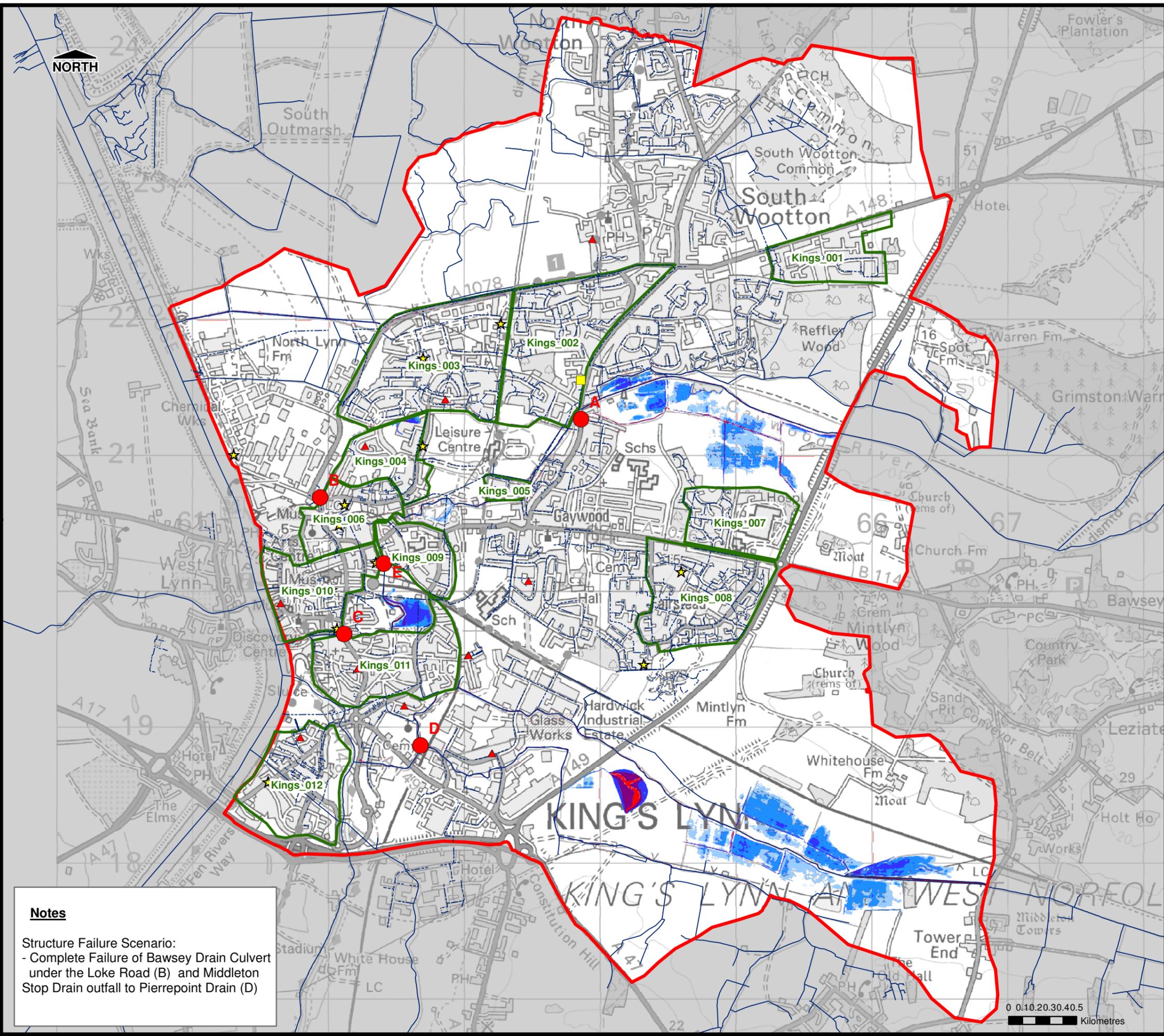
Capita  
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EC2V 7NQ

**FIGURE 19**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Culvert under the Loke Road (B) and Middleton Stop Drain outfall to Pierpoint Drain (D)

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- ▭ Model Extent
- ▭ CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Ground Water
- Multiple
- Pluvial
- Sewer

**Flooding Survey:**

- Multiple
- Sewer
- Pluvial
- Fluvial
- Tidal

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Flood Depth  
1 in 100yr, Fluvial Flow**

Consultant

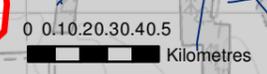
**CAPITA**

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

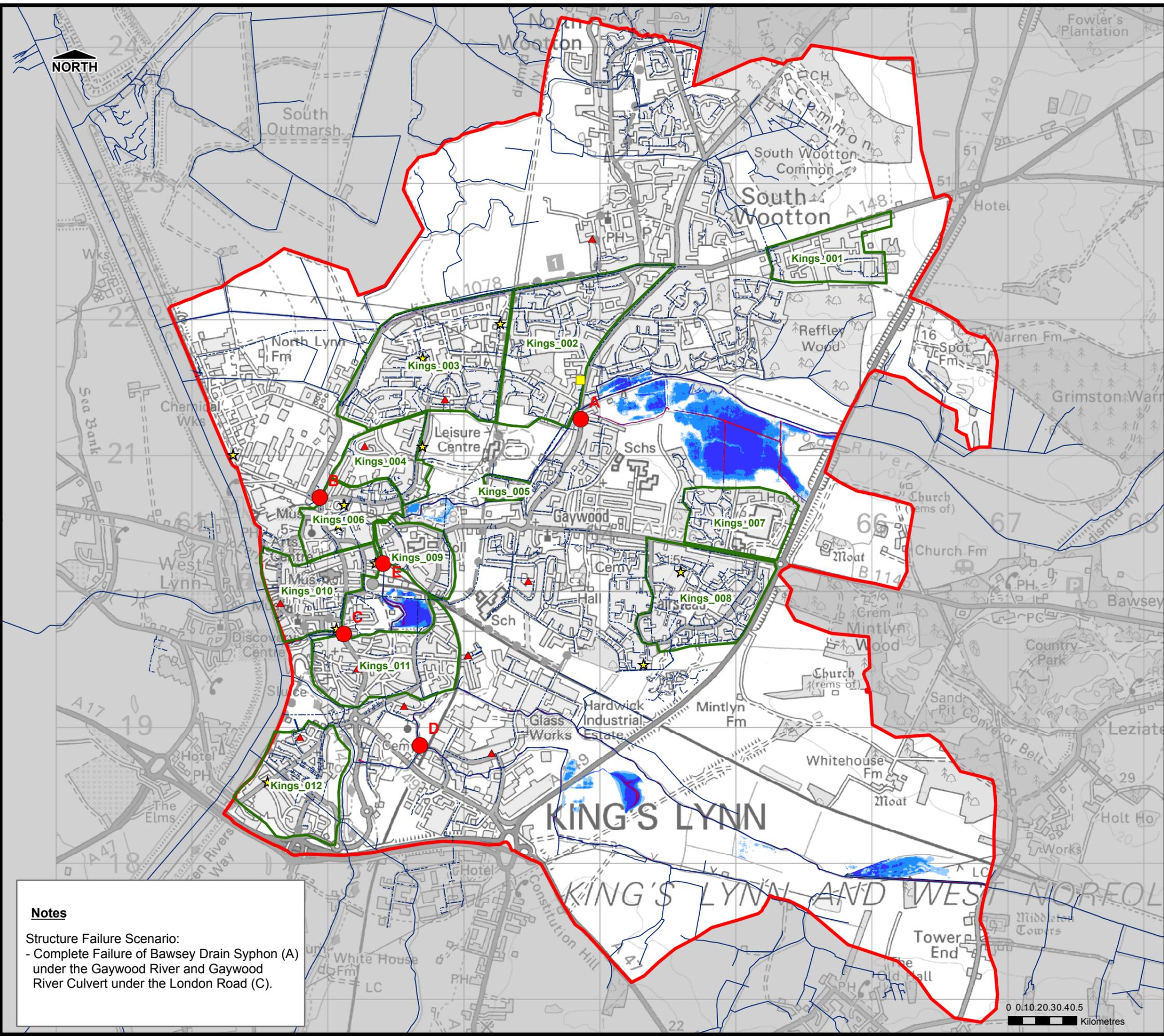
**FIGURE 20**

**Notes**

Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Culvert under the Loke Road (B) and Middleton Stop Drain outfall to Pierrepont Drain (D)



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- Model Extent
- CDC Boundary
- - - Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Pluvial
- Ground Water
- Sewer
- Multiple

**Flooding Survey:**

- Multiple
- Fluvial
- Sewer
- Pluvial
- Tidal

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**DRAFT  
Flood Depth  
1 in 30yr, Fluvial Flow**

Consultant

CAPITA

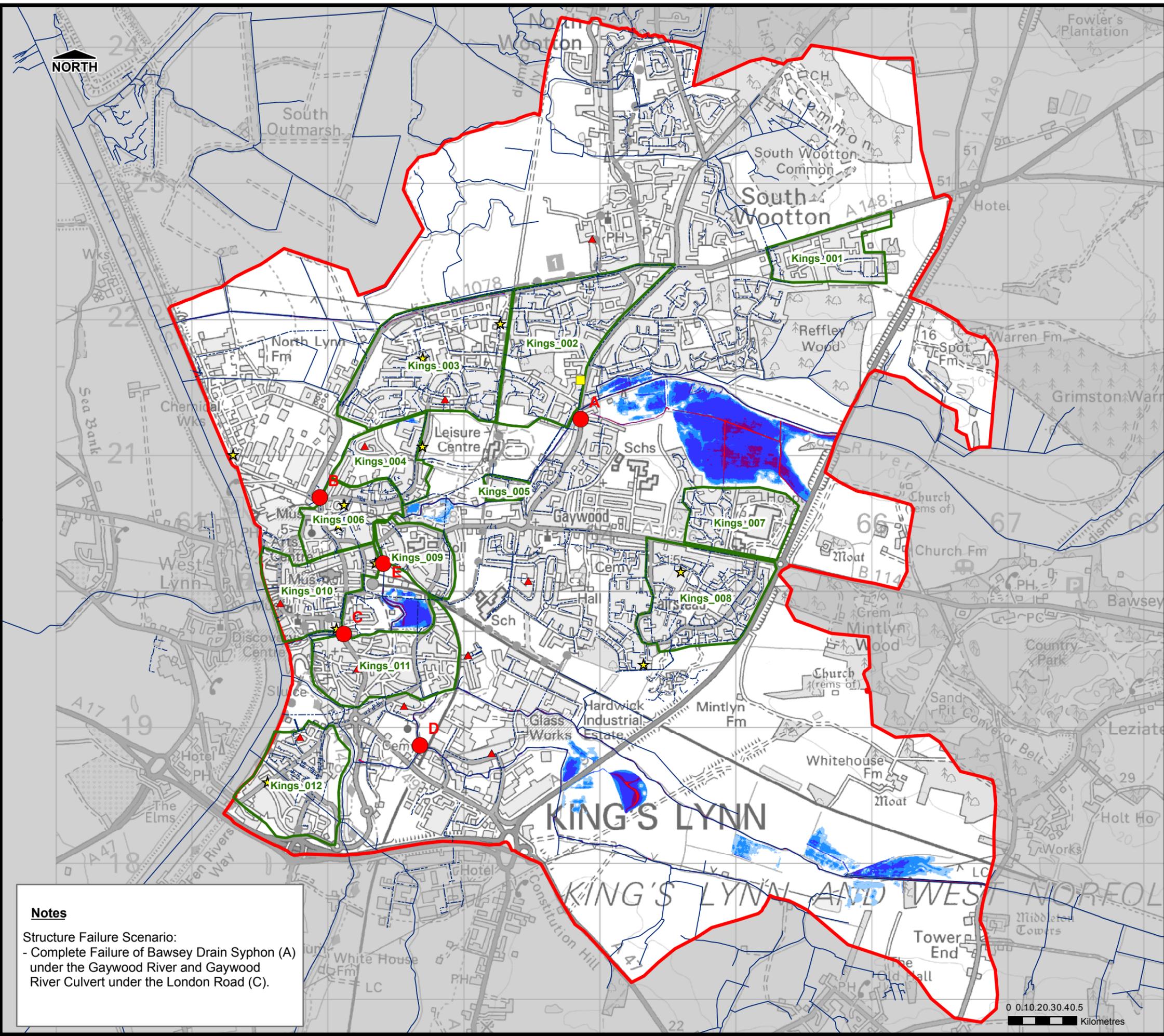
Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

FIGURE 21

**Notes**  
Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Syphon (A)  
under the Gaywood River and Gaywood  
River Culvert under the London Road (C).



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

- Structure Failure Location
- Main and Ordinary Watercourse
- Model Extent
- CDC Boundary
- Sewer- Surface and Combined

**Flood Depth (m)**

- < 0.1m
- 0.1m to 0.25m
- 0.25m to 0.5m
- 0.5m to 1.0m
- 1.0m to 1.5m
- > 1.5m

- ★ West Norfolk Fire and Rescue - Callouts for 'Weather Related Flooding'
- ▲ Anglian Water Flooding Records

**EA Historic Surface Water Flooding Records:**

- Fluvial
- Pluvial
- Ground Water
- Sewer
- Multiple

**Flooding Survey:**

- Multiple
- Fluvial
- Sewer
- Pluvial
- Tidal

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|--------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Flood Depth  
1 in 100yr, Fluvial Flow**

Consultant

CAPITA

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

FIGURE 22

**Notes**  
Structure Failure Scenario:  
- Complete Failure of Bawsey Drain Syphon (A) under the Gaywood River and Gaywood River Culvert under the London Road (C).

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

-  Main and Ordinary Watercourse
-  Sewer- Surface and Combined
-  Model Extent
-  Infiltration Basin
-  Pond
-  CDC Boundary

**Flood Depth (m)**

-  < 0.1m
-  0.1m to 0.25m
-  0.25m to 0.5m
-  0.5m to 1.0m
-  1.0m to 1.5m
-  > 1.5m

**Notes**

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|-------------------------------|--------------------------|---------------------------------|--------------------------------|

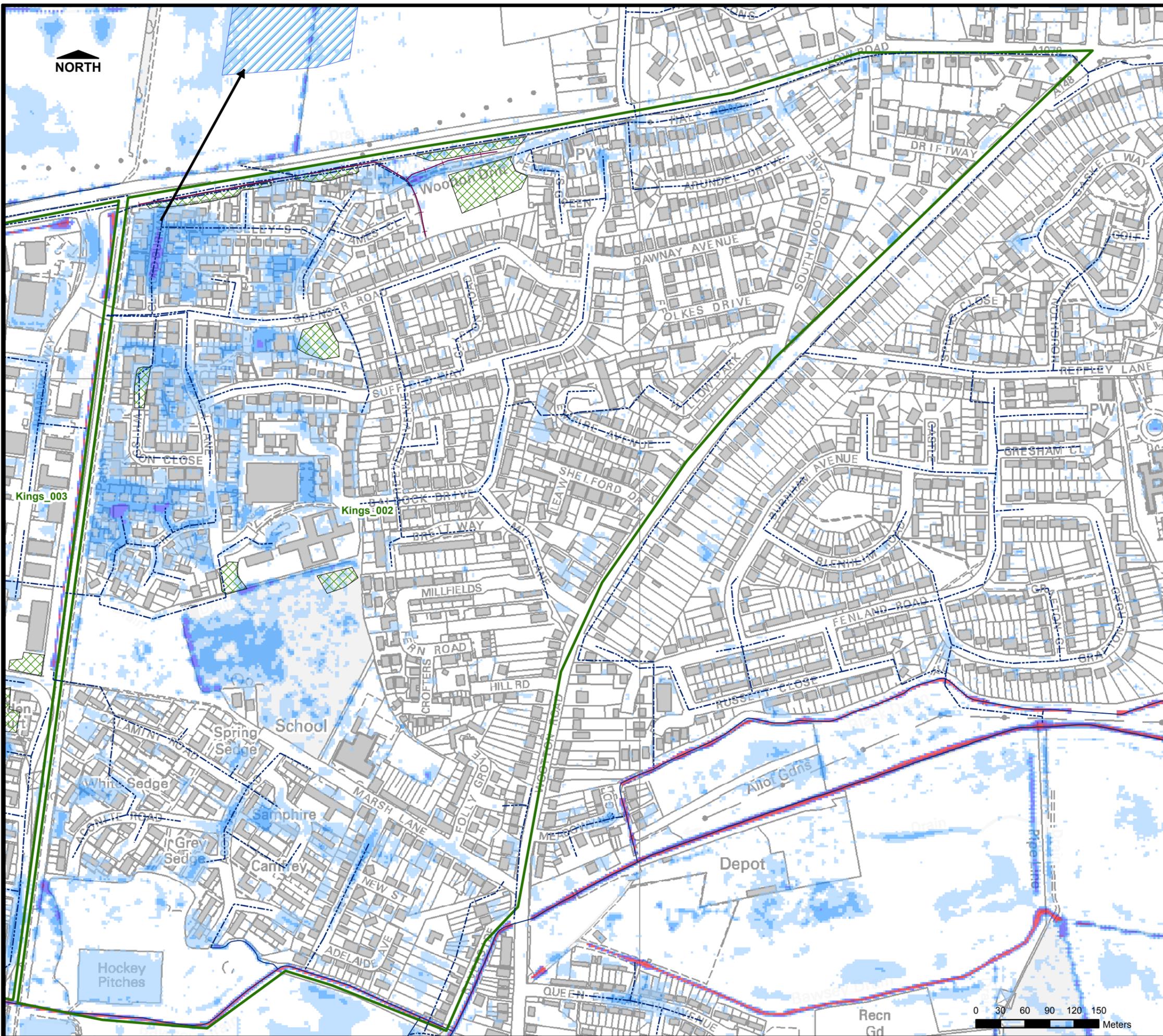
**DRAFT  
Baseline Flood Depth  
1 in 100yr, 3.4hr duration**

Consultant

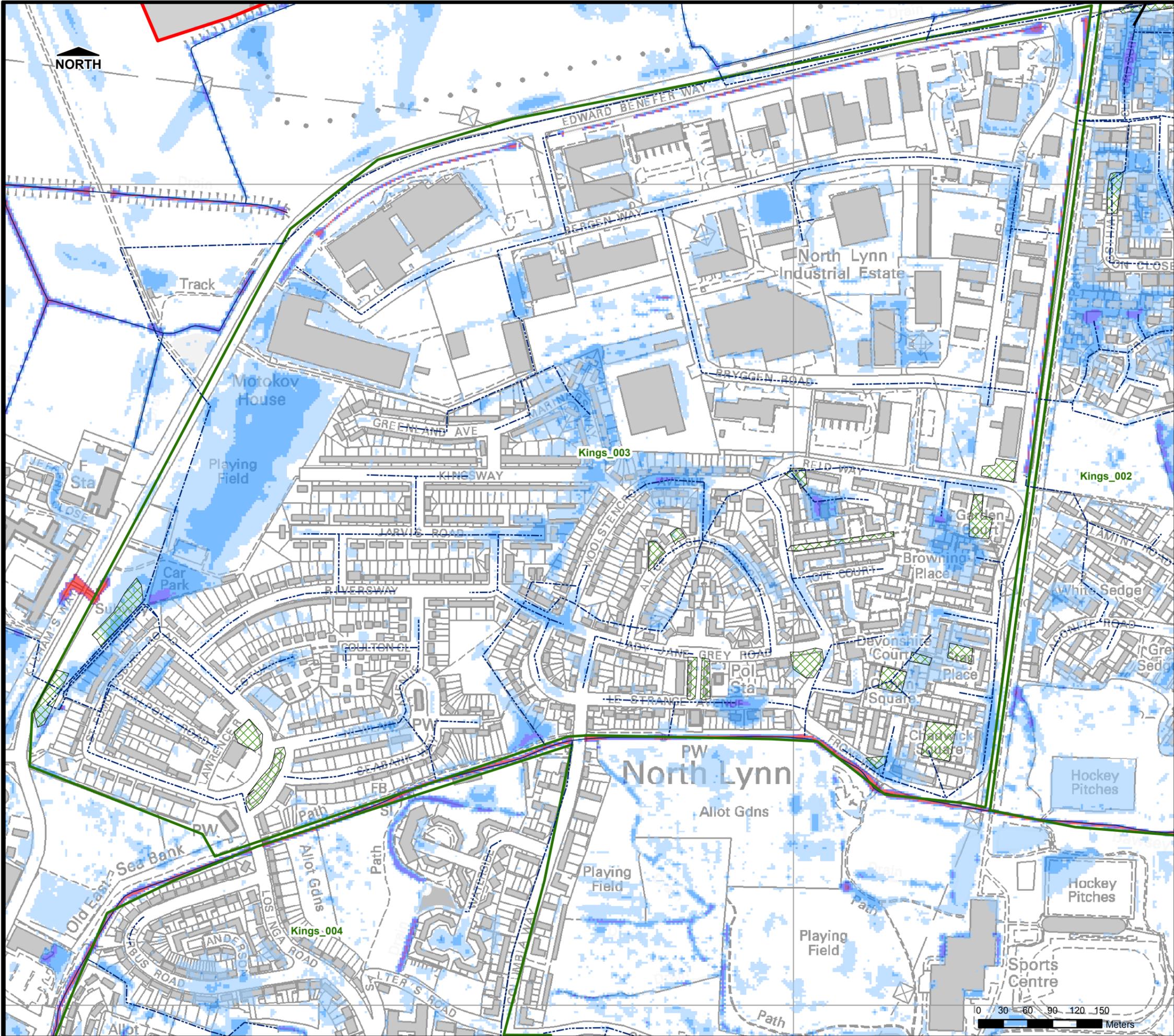
**CAPITA**

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EC2V 7NQ

**FIGURE 23**



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**Legend**

- Main and Ordinary Watercourse
  - Sewer- Surface and Combined
  - Model Extent
  - Infiltration Basin
  - CDC Boundary
- Flood Depth (m)**
- <math>< 0.1\text{m}</math>
  - <math>0.1\text{m}</math> to <math>0.25\text{m}</math>
  - <math>0.25\text{m}</math> to <math>0.5\text{m}</math>
  - <math>0.5\text{m}</math> to <math>1.0\text{m}</math>
  - <math>1.0\text{m}</math> to <math>1.5\text{m}</math>
  - > <math>1.5\text{m}</math>

**Notes**

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|--------------------|-------------|-----------------|--------------------|
| <b>Scale at A3</b> | <b>Date</b> | <b>Drawn by</b> | <b>Approved by</b> |
| 1:4,500            | July 2015   | G. Athanasia    | M. Mamun           |

**DRAFT  
Baseline Flood Depth  
1 in 100yr, 3.4hr duration**

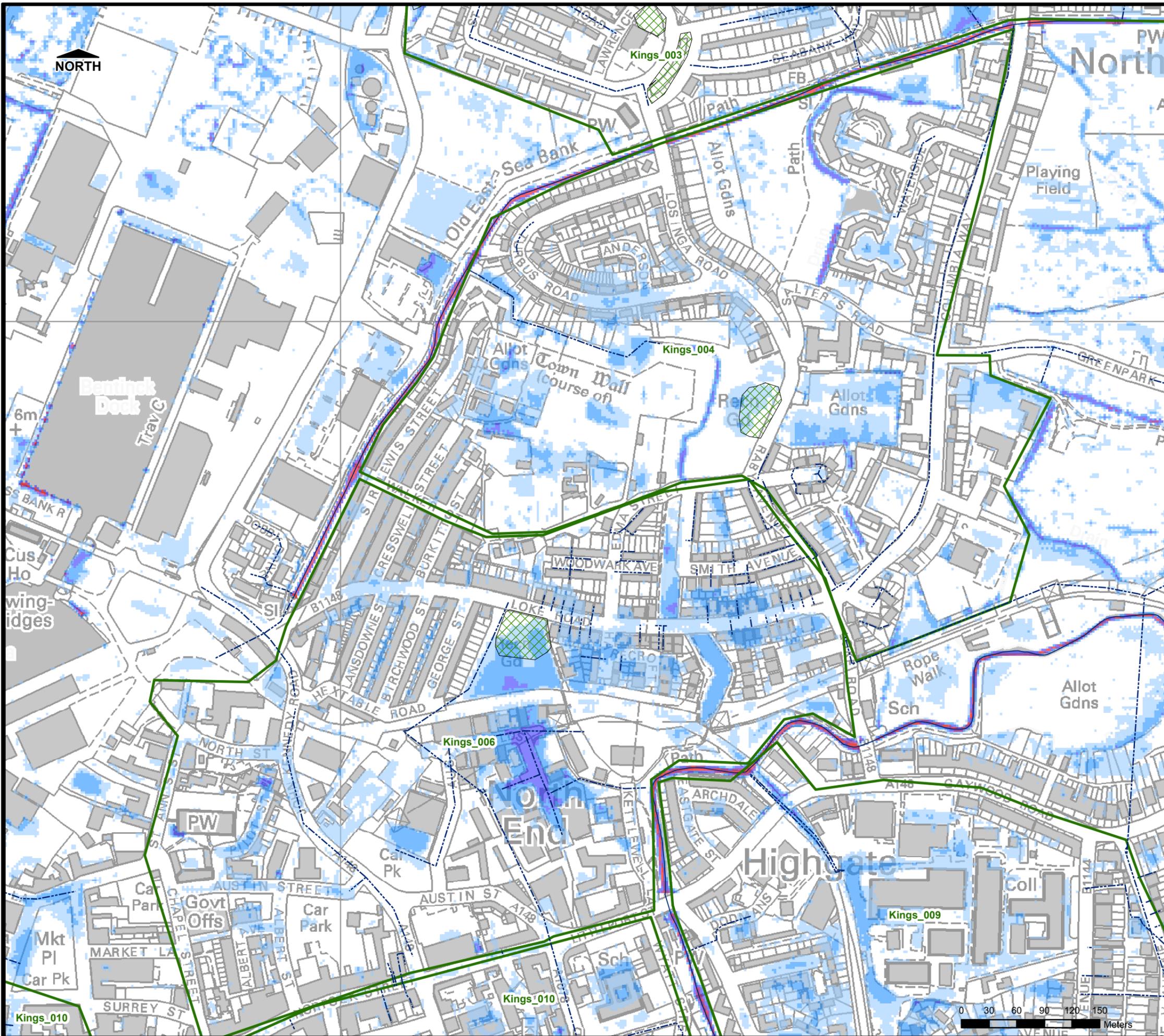
Consultant

**CAPITA**

Capita  
Level 4  
65 Gresham Street  
EC2V 7NQ

**FIGURE 24**

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



**Legend**

-  Main and Ordinary Watercourse
  -  Sewer- Surface and Combined
  -  Model Extent
  -  Infiltration Basin
  -  CDC Boundary
- Flood Depth (m)**
-  <math>< 0.1\text{m}</math>
  -  <math>0.1\text{m}</math> to <math>0.25\text{m}</math>
  -  <math>0.25\text{m}</math> to <math>0.5\text{m}</math>
  -  <math>0.5\text{m}</math> to <math>1.0\text{m}</math>
  -  <math>1.0\text{m}</math> to <math>1.5\text{m}</math>
  -  > <math>1.5\text{m}</math>

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|-------------------------------|--------------------------|---------------------------------|--------------------------------|

**DRAFT  
Baseline Flood Depth  
1 in 100yr, 3.4hr duration**

Consultant

**CAPITA**

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EC2V 7NQ

**FIGURE 25**

