

ATKINS

Flood Level in mAOD

- 42.5 - 43
- 43.0 - 43.5
- 43.5 - 44
- 44.0 - 44.5
- 44.5 - 45
- 45.0 - 45.5
- 45.5 - 46
- 46.0 - 46.5
- 46.5 - 47
- 47.0 - 47.5
- 47.5 - 48
- 48.0 - 48.5
- 48.5 - 49
- 49.0 - 49.5
- 49.5 - 50
- 50.0 +
- AOI
- Area not modelled in 2D

ATKINS

Broadoak  
Southgate Park  
Bakewell Road  
Orton Southgate  
Peterborough  
England  
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Derby Level 2 SFRA

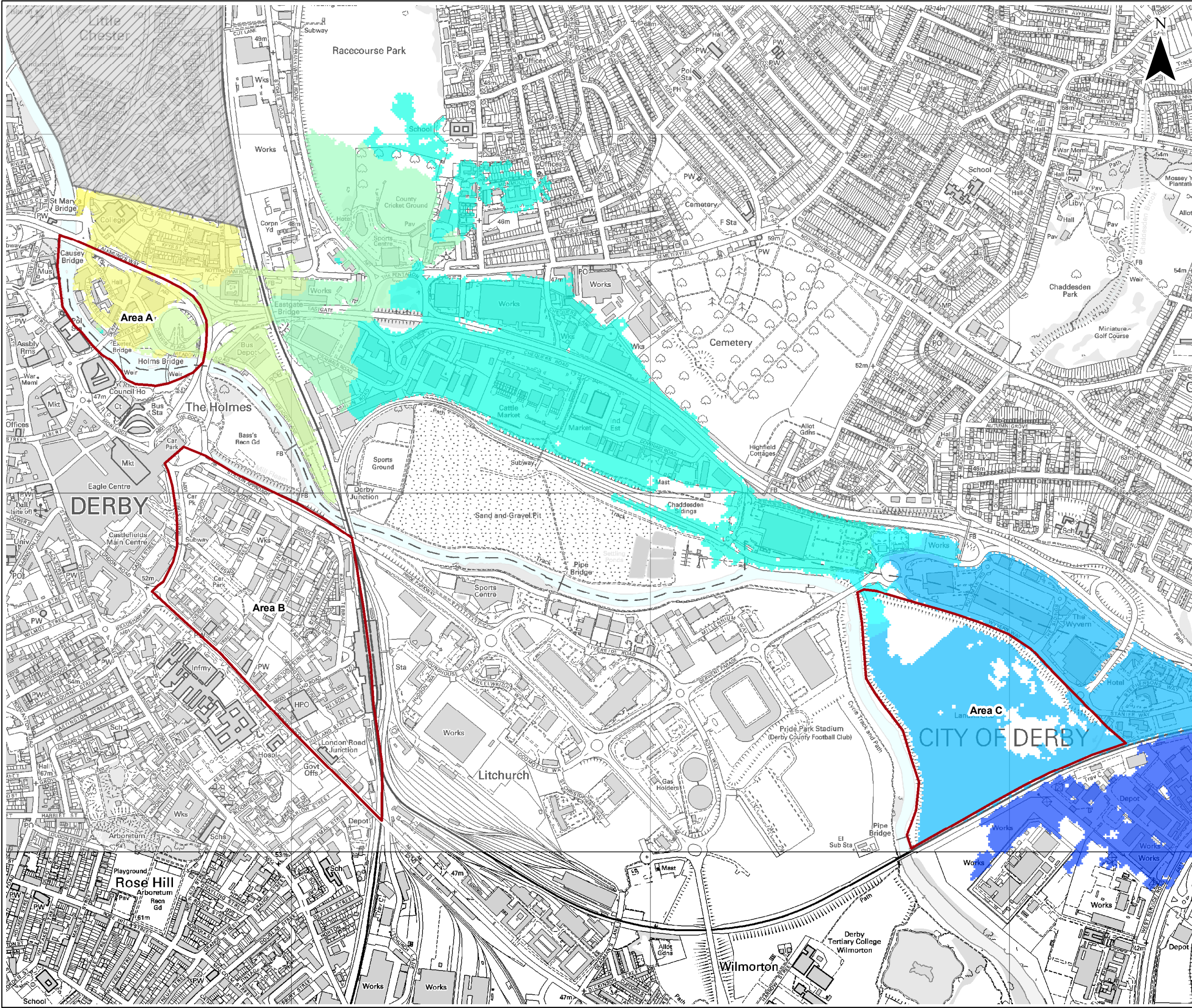
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Figure D.1  
Baseline Scenario - 2% AEP  
Maximum Fluvial Flood Levels

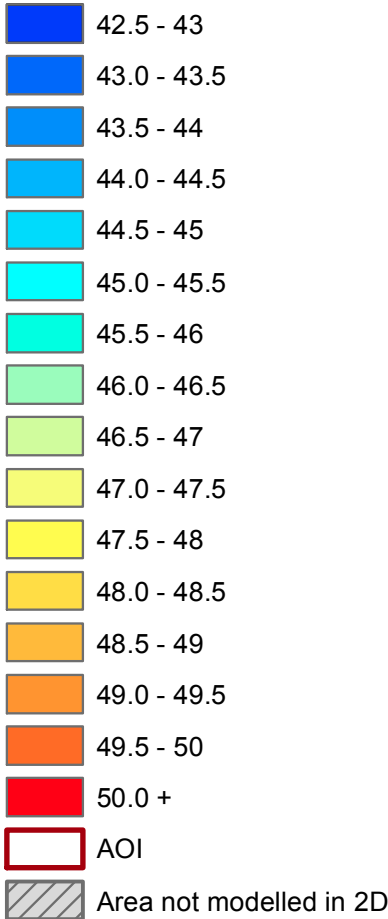
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## Flood Level in mAOD



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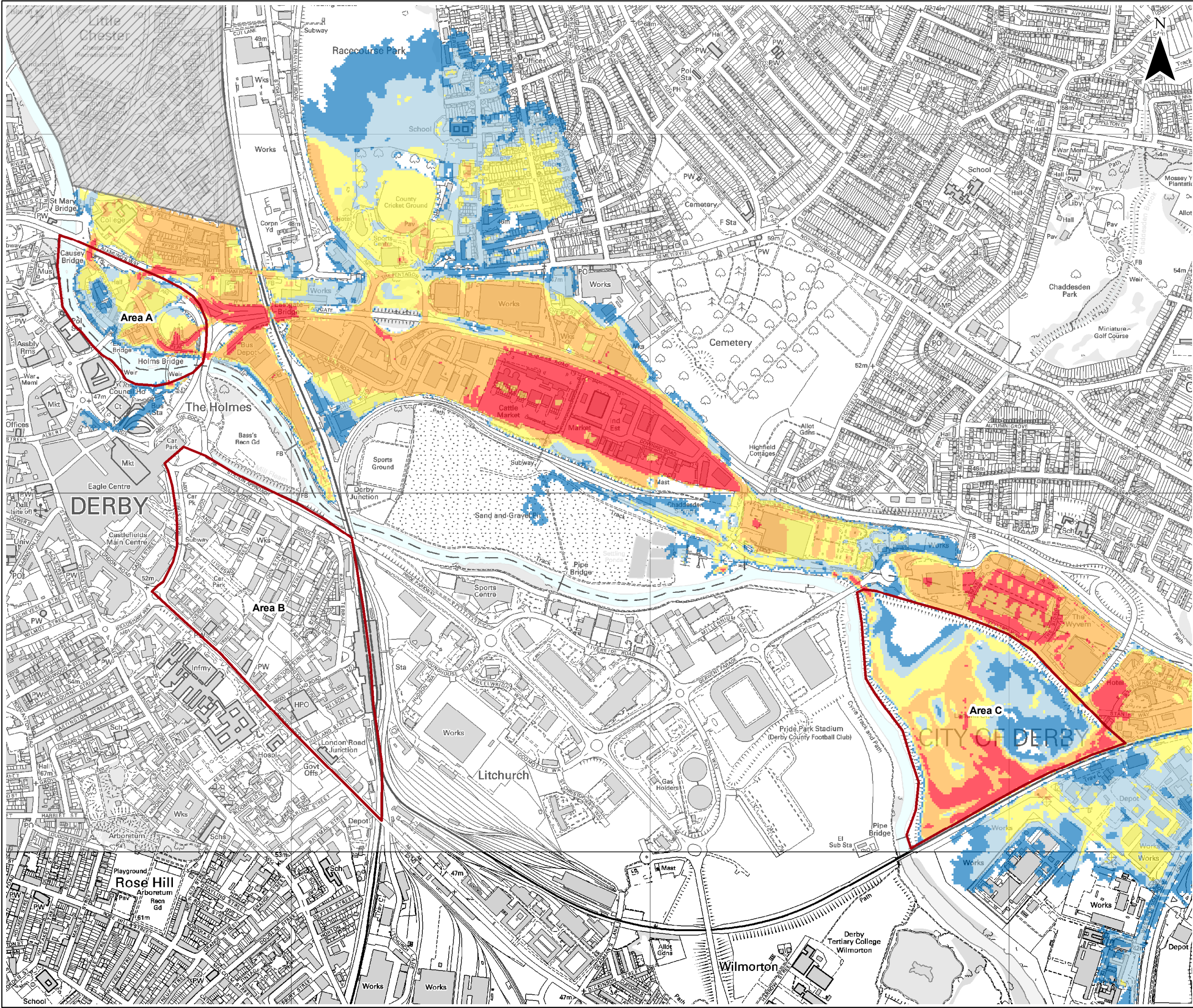
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Figure D.2  
Baseline Scenario - 1.33% AEP  
Maximum Fluvial Flood Levels

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ATKINS

Depth in m

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.0
- 1.0 - 2.0
- 2.0 +

AOI

Area not modelled in 2D

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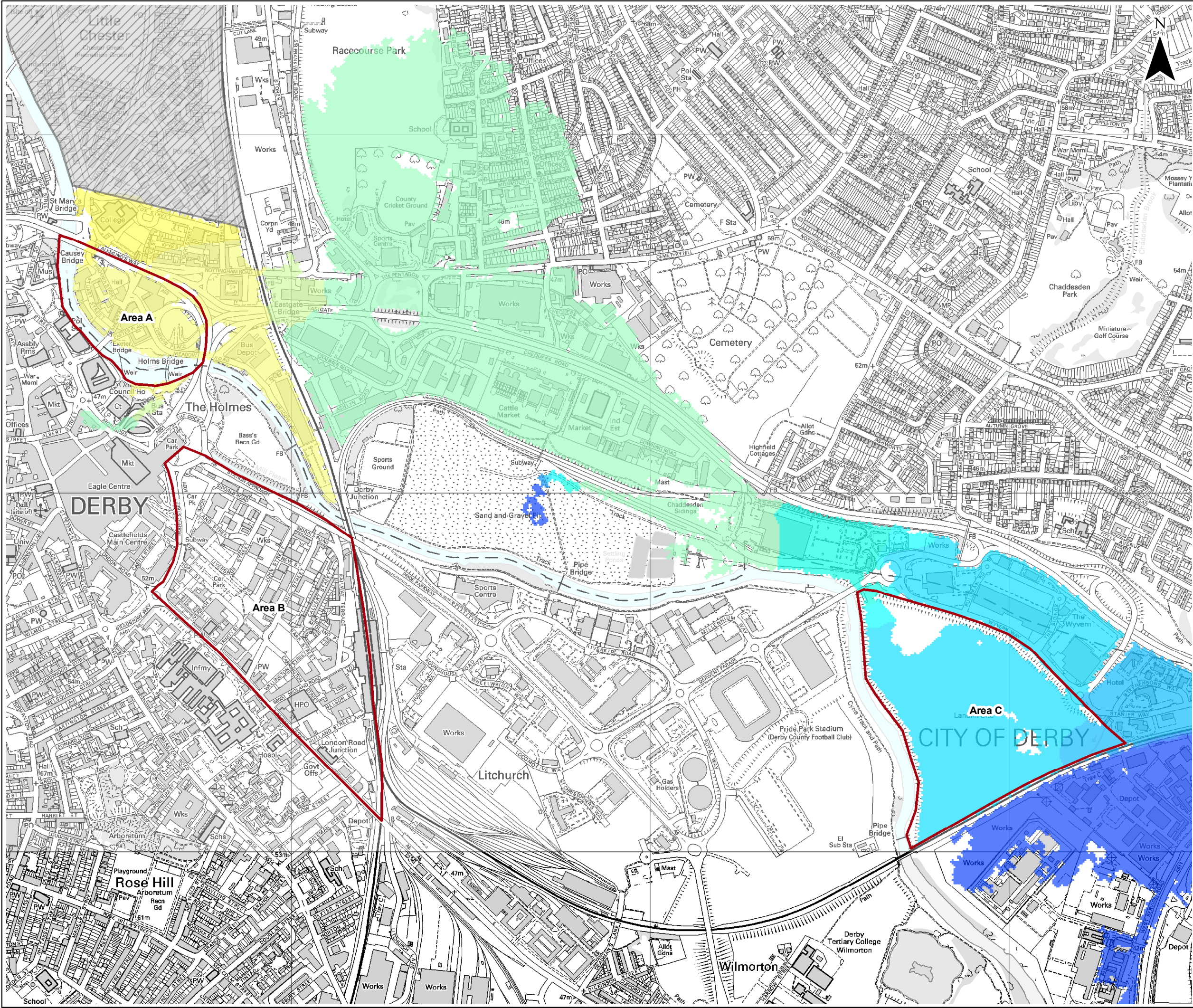
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Figure D.3  
Baseline Scenario - 1% AEP  
Maximum Fluvial Flood Depth

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ATKINS

Flood Level in m

- 42.5 - 43
- 43.0 - 43.5
- 43.5 - 44
- 44.0 - 44.5
- 44.5 - 45
- 45.0 - 45.5
- 45.5 - 46
- 46.0 - 46.5
- 46.5 - 47
- 47.0 - 47.5
- 47.5 - 48
- 48.0 - 48.5
- 48.5 - 49
- 49.0 - 49.5
- 49.5 - 50
- 50.0 +
- AOI
- Area not modelled in 2D

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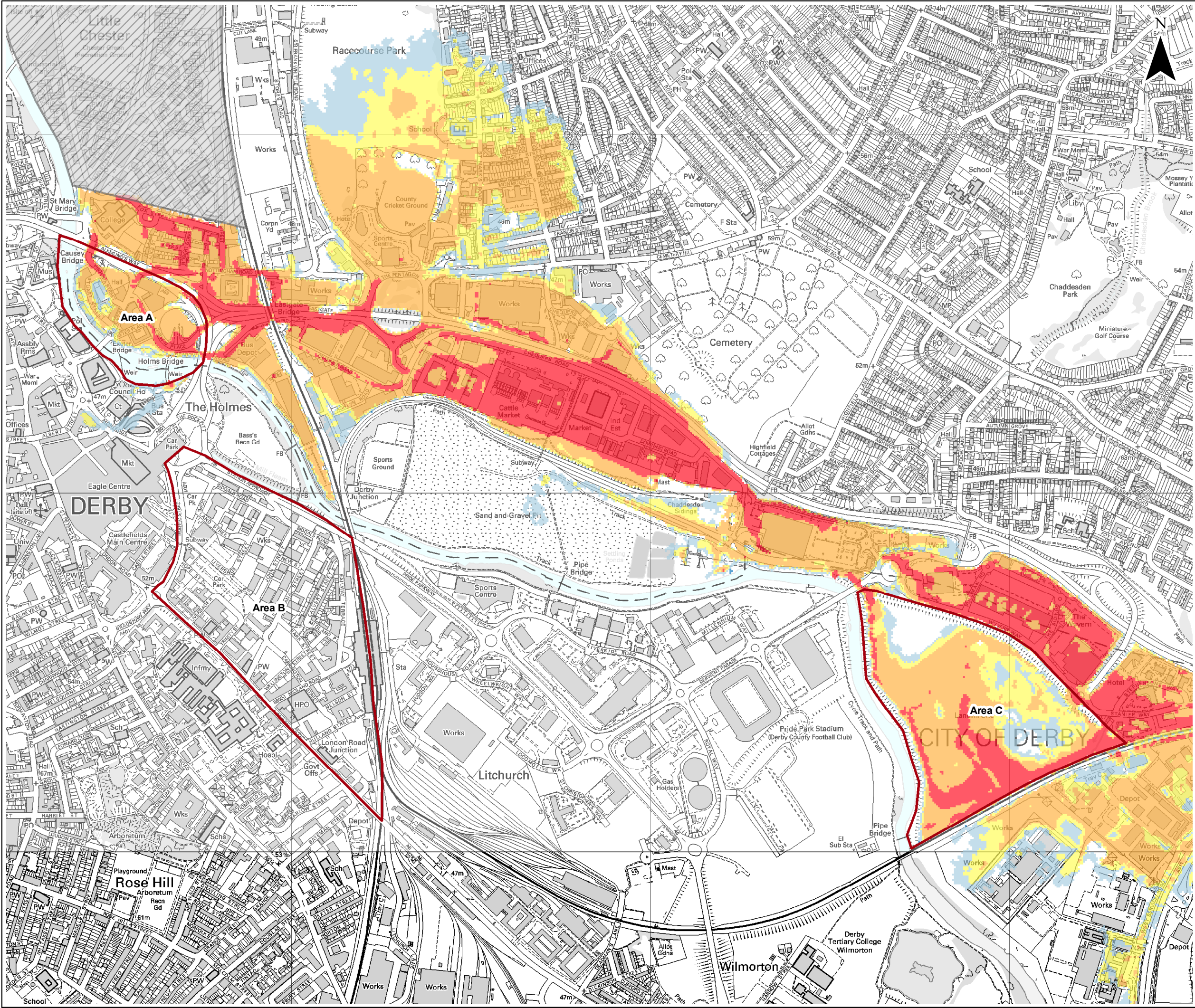
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Figure D.4  
Baseline Scenario - 1% AEP  
Maximum Fluvial Flood Levels

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**Hazard**

- 0.00 - 0.01
- 0.01 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- 2.00 + (Danger for all)
- AOI
- Area not modelled in 2D

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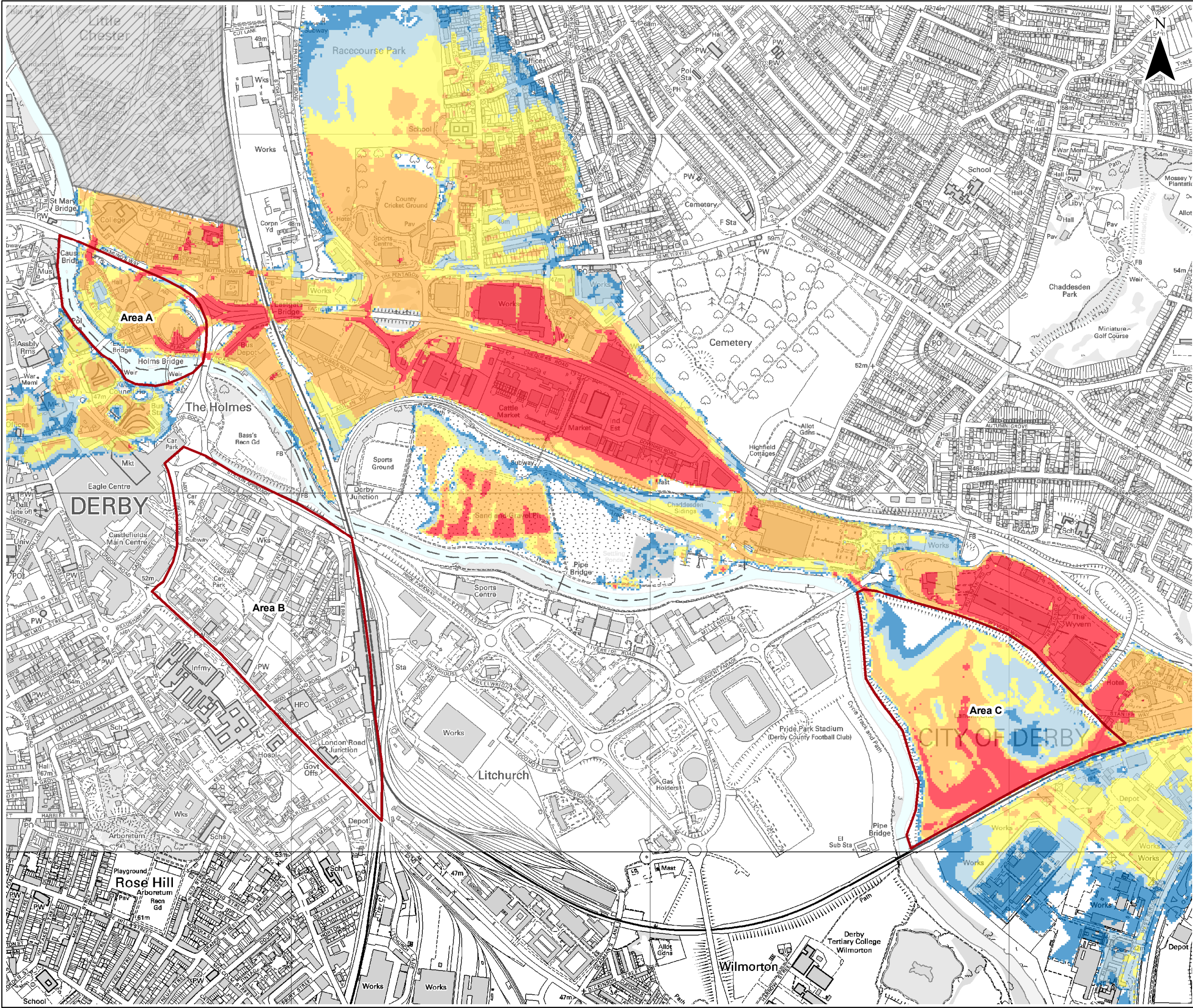
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**Figure D.5  
Baseline Scenario - 1% AEP  
Maximum Fluvial Flood Hazard**

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REF NUMBER 5090410/62/MG/046	DATE 15/03/10	DATE 16/03/10	DATE 18/03/10





ATKINS

Depth in m

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.0
- 1.0 - 2.0
- 2.0 +

AOI

Area not modelled in 2D

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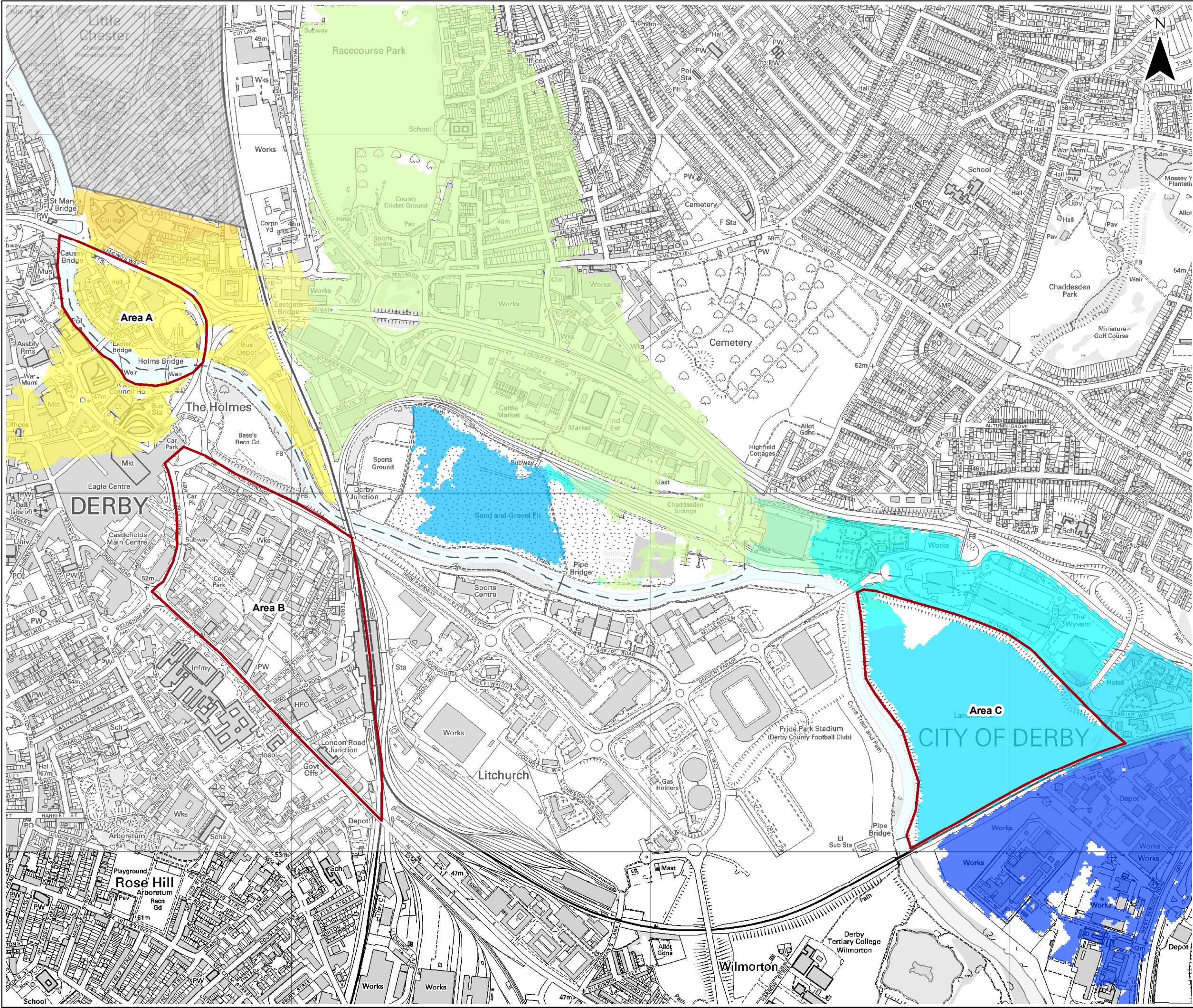
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Figure D.6  
Baseline Scenario - 1% AEP+Climate Change  
Maximum Fluvial Flood Depths

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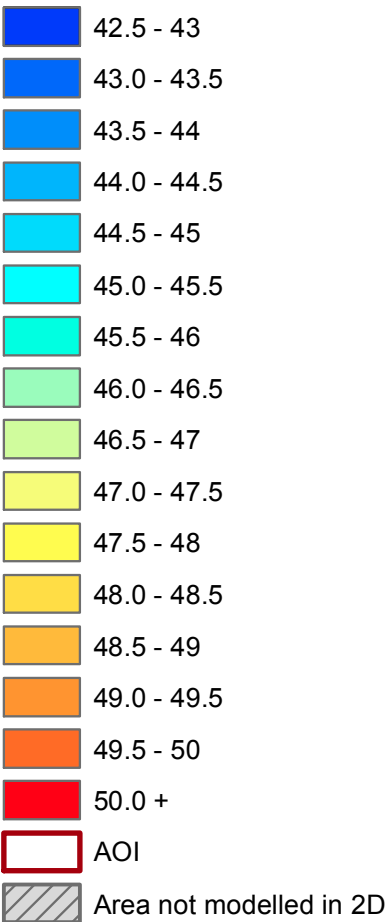
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5090410/62/MG/047	15/03/10	16/03/10	18/03/10





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## Flood Level in m



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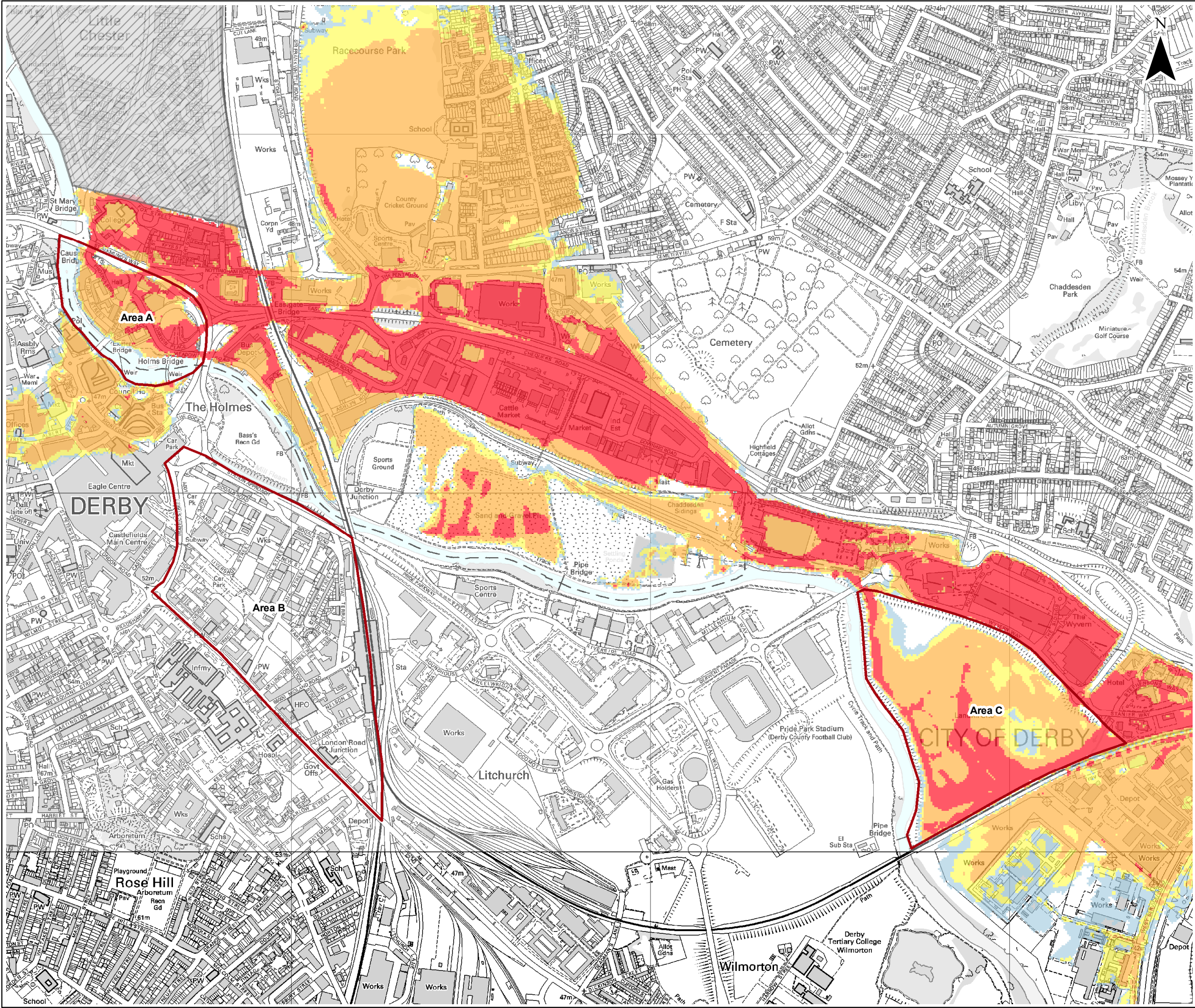
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Figure D.7  
Baseline Scenario - 1% AEP+Climate Change  
Maximum Fluvial Flood Levels

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**Hazard**

- 0.00 - 0.01
- 0.01 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- 2.00 + (Danger for all)
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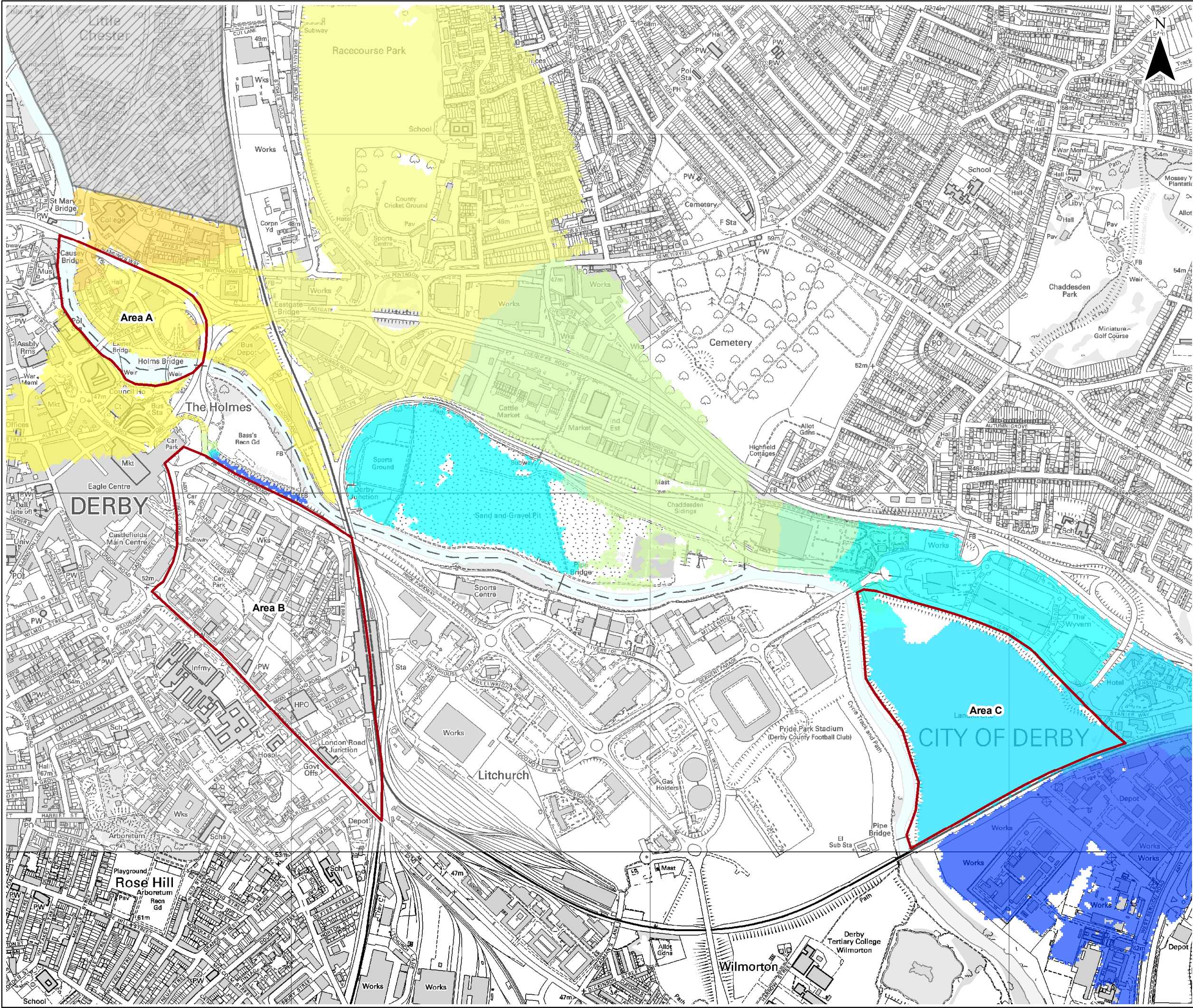
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Figure D.8  
Baseline Scenario - 1% AEP+Climate Change  
Maximum Fluvial Flood Hazard

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ATKINS

Flood Level in m

- 42.5 - 43
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- 43.5 - 44
- 44.0 - 44.5
- 44.5 - 45
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- 45.5 - 46
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- 46.5 - 47
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- 49.0 - 49.5
- 49.5 - 50
- 50.0 +
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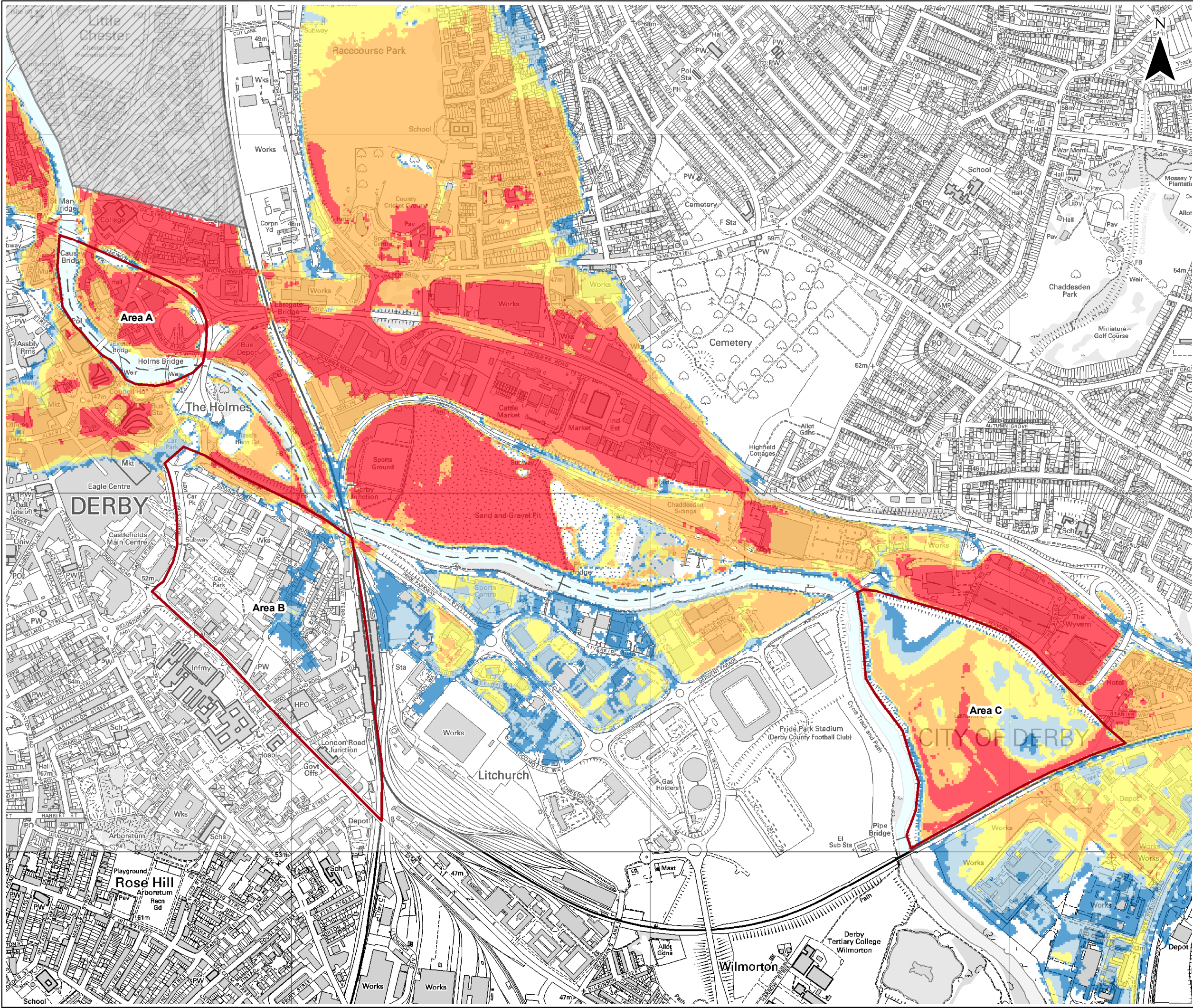
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Figure D.9  
Baseline Scenario - 0.5% AEP  
Maximum Fluvial Flood Levels

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ATKINS

Depth in m

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 1.0
- 1.0 - 2.0
- 2.0 +

AOI

Area not modelled in 2D

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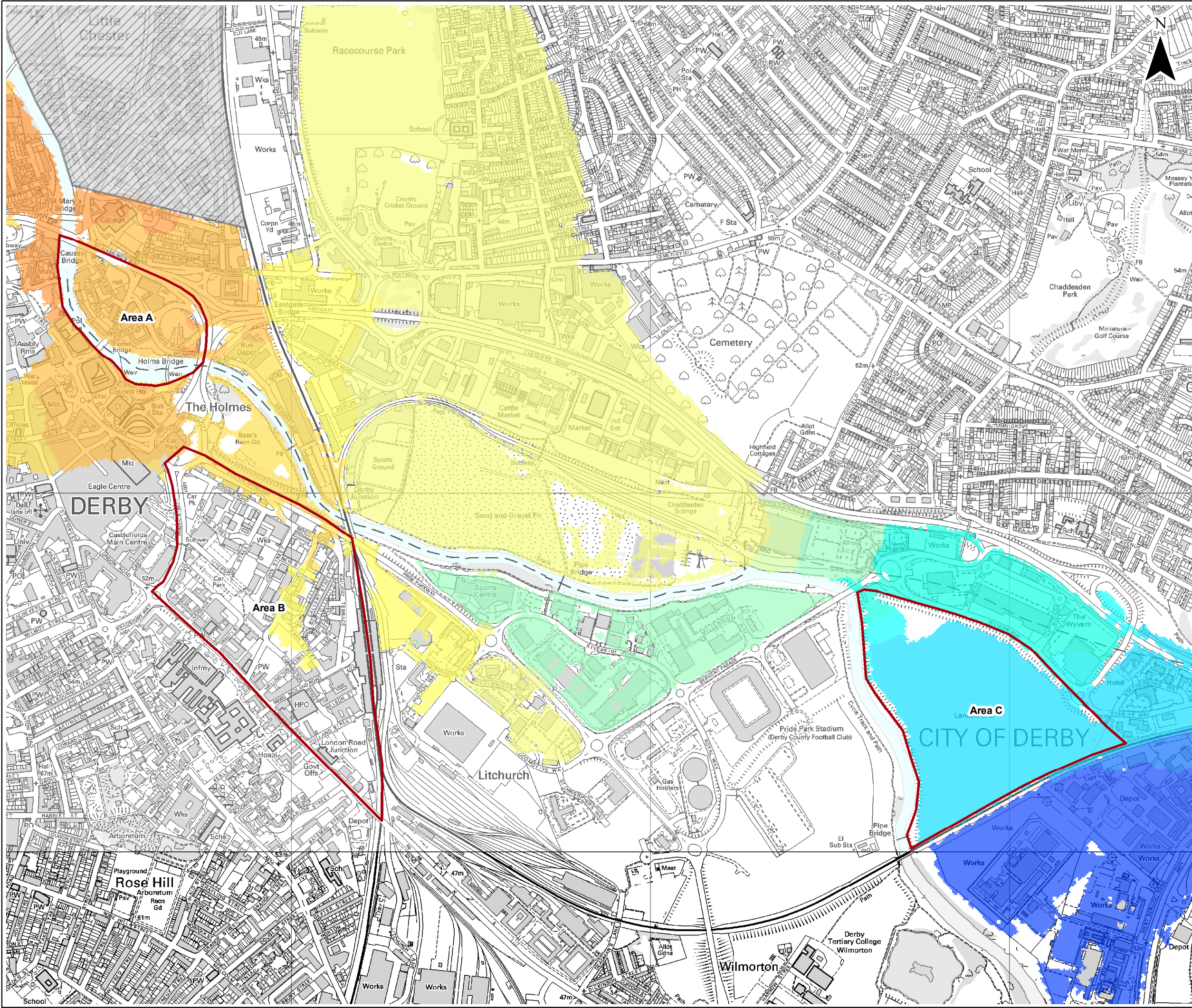
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Figure D.10  
Baseline Scenario - 0.1% AEP  
Maximum Fluvial Flood Depths

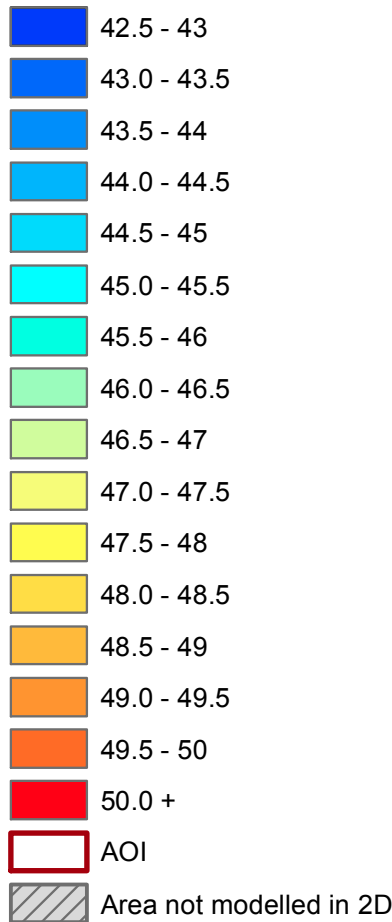
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## Flood Level in m



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**Figure D.11  
Baseline Scenario - 0.1% AEP  
Maximum Fluvial Flood Levels**

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