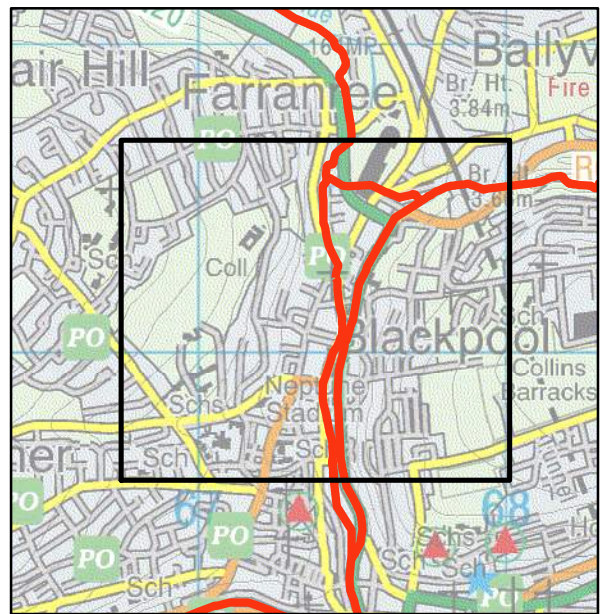
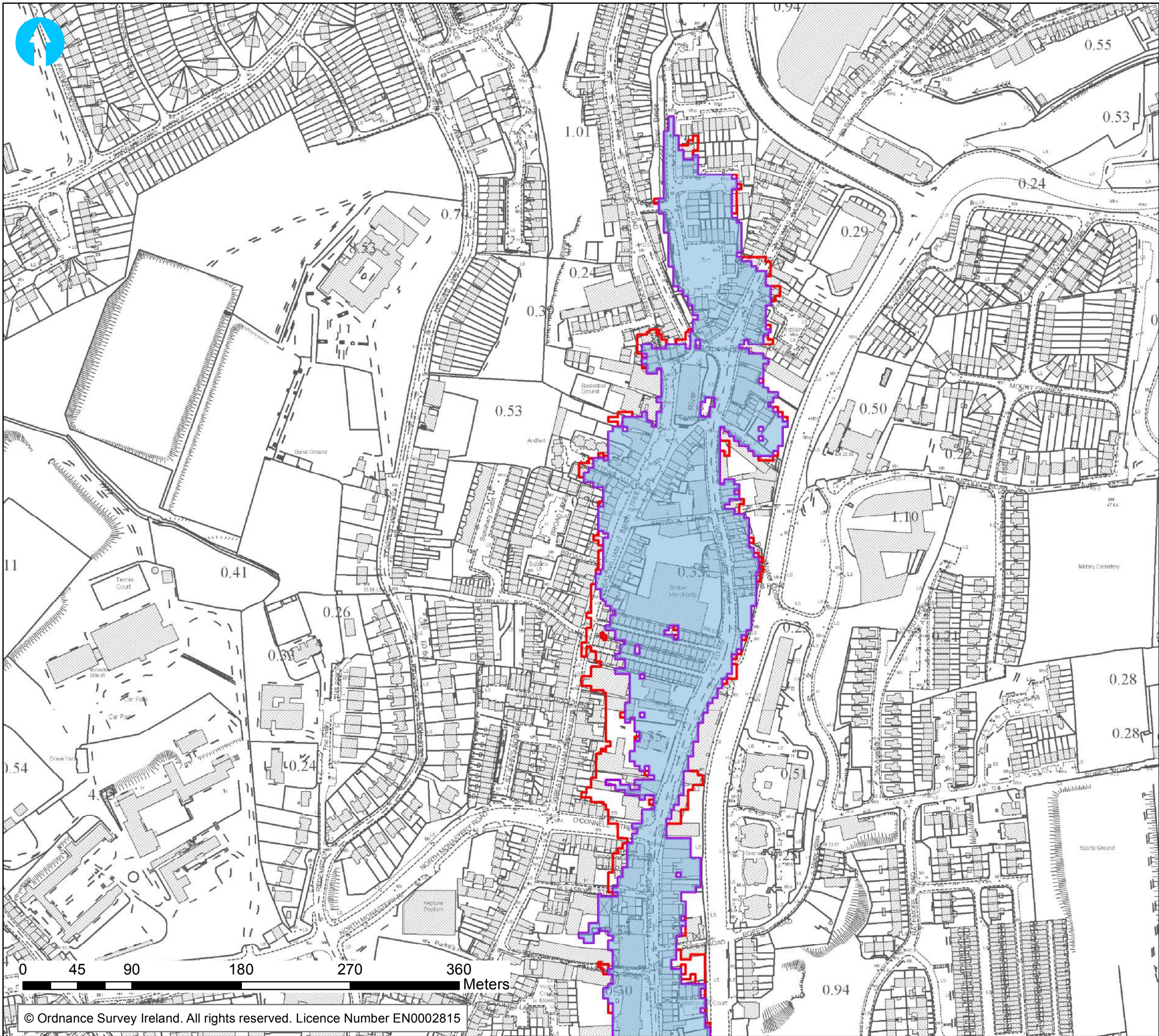




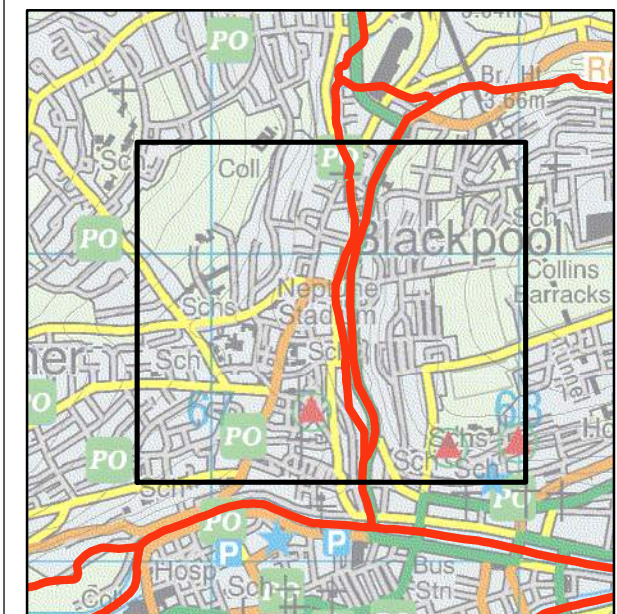
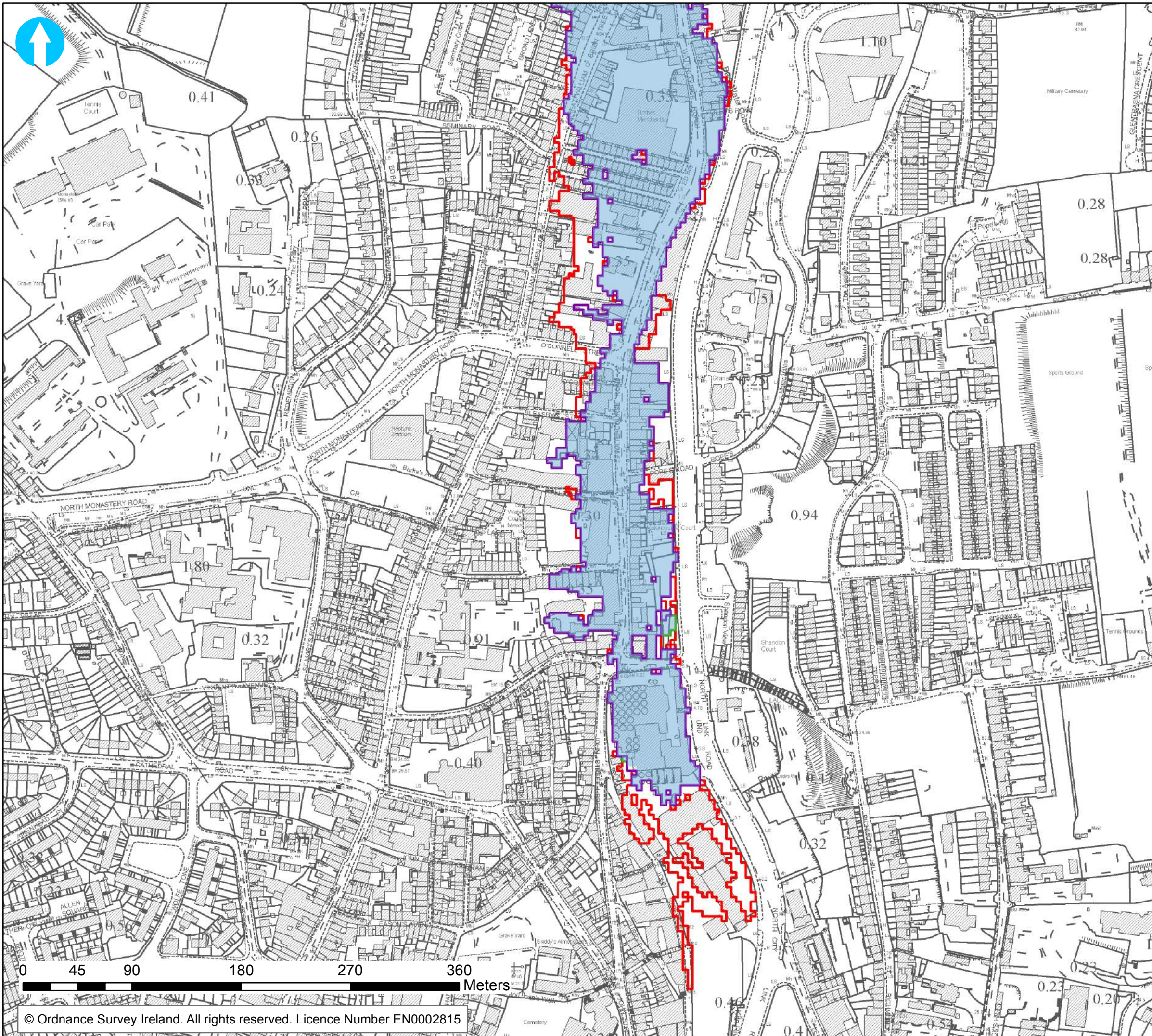
Legend

- 1% AEP Flood Extent
- 1% AEP Orchard Court Culvert Sensitivity
- 1% AEP Brewery Branch Culvert Sensitivity
- 1% AEP Blackpool Church Culvert Sensitivity



Map: Lower Lee Flood Relief Scheme	
Map Type: Structure Afflux Sensitivity	
Scenario: Current	Scale: 1:3000 A3
Drawn by: AB	
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_STR_SEN_001	
Sheet: 1 of 2	
Date: 19/Nov/2015	Status: Draft





Legend

- 1% AEP Flood Extent
- 1% AEP Orchard Court Culvert Sensitivity
- 1% AEP Brewery Branch Culvert Sensitivity
- 1% AEP Blackpool Church Culvert Sensitivity



Map: Lower Lee Flood Relief Scheme

Map Type: Structure Afflux Sensitivity

Scenario: Current

Drawn by: AB

Checked by: DF

Project No: 2013s7174

Map No: BLK_STR_SEN_002

Sheet: 2 of 2

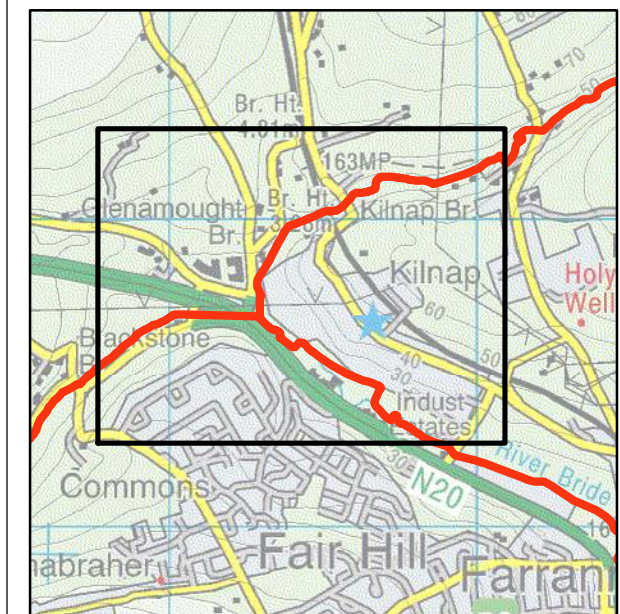
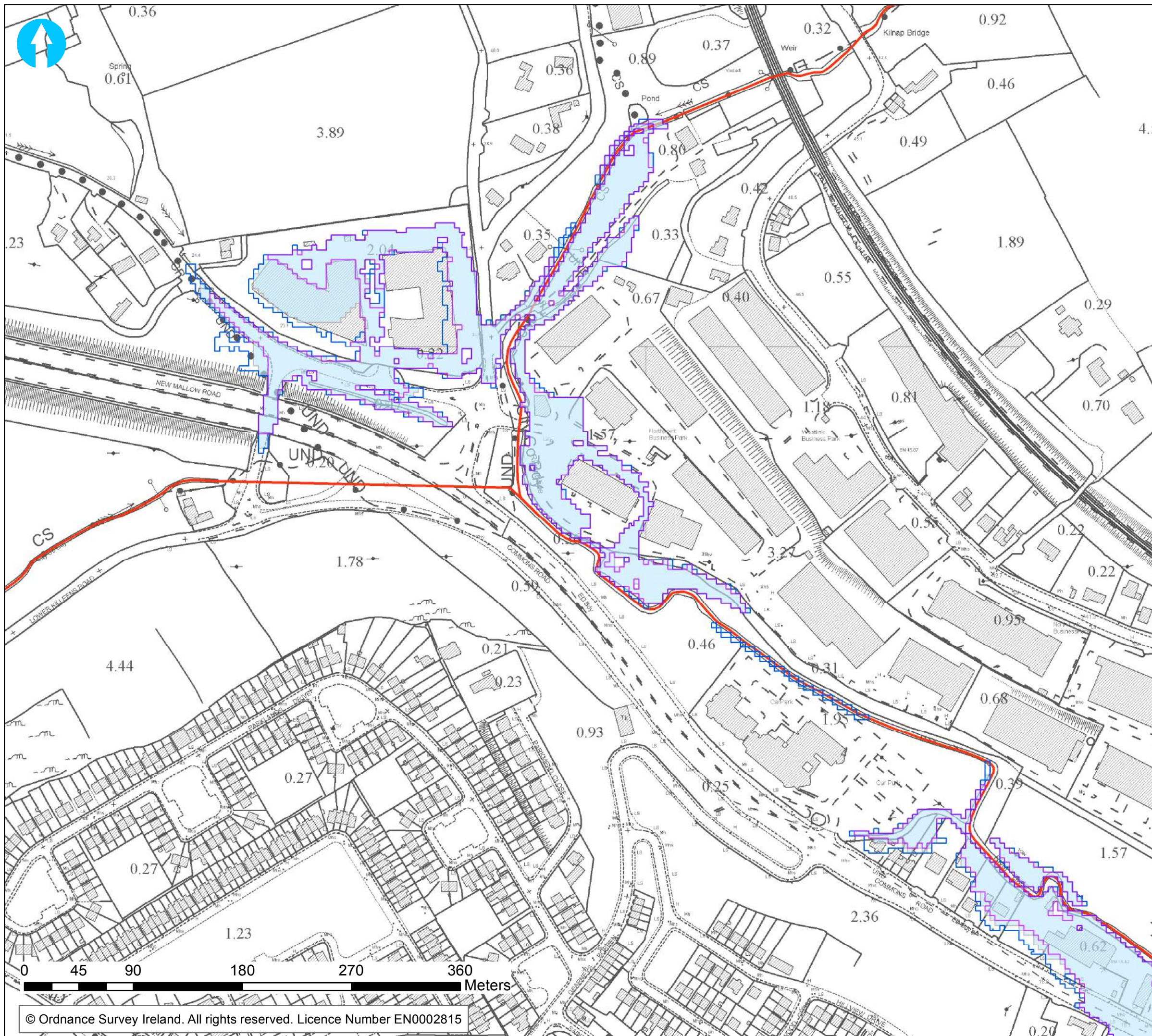
Date: 19/Nov/2015

Status: Draft

Scale:
1:3000
A3



A.3.3 Roughness



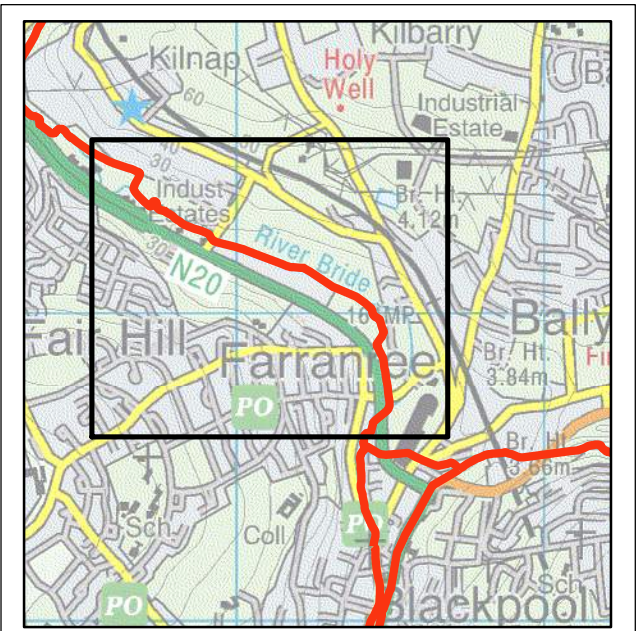
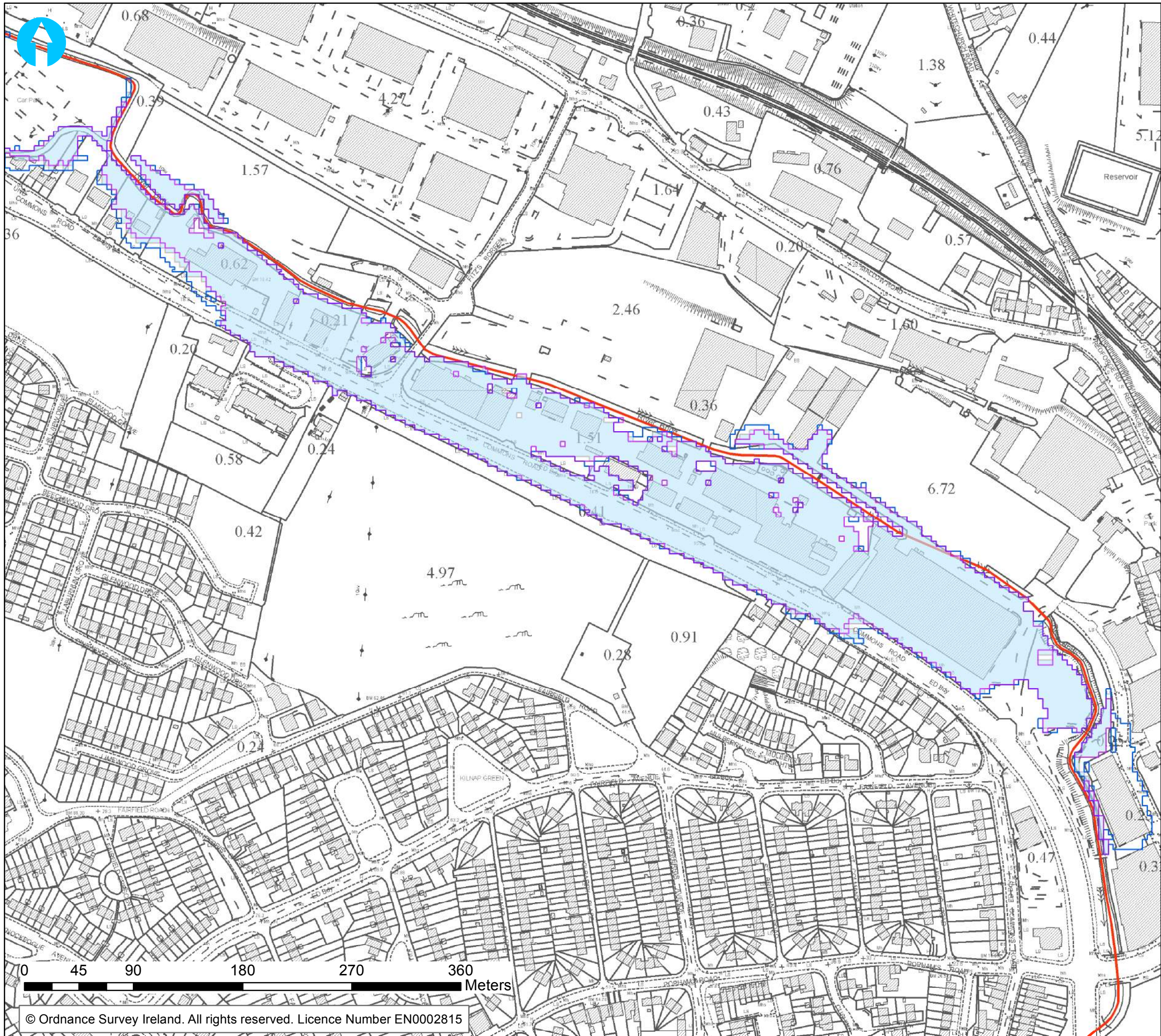
Legend

- 1% AEP Sensitivity - Lower Bound Roughness
- 1% AEP Sensitivity - Upper Bound Roughness
- 1% AEP Existing Outline
- Modelled River Centreline



Map: Lower Lee Flood Relief Scheme	
Map Type: 1% AEP - Roughness Sensitivity	
Scenario: Current	Scale: 1:3000 A3
Drawn by: AB	
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_Roughness_Sens_001	
Sheet: 1 of 4	
Date: 17/Nov/2015	Status: Draft





Legend

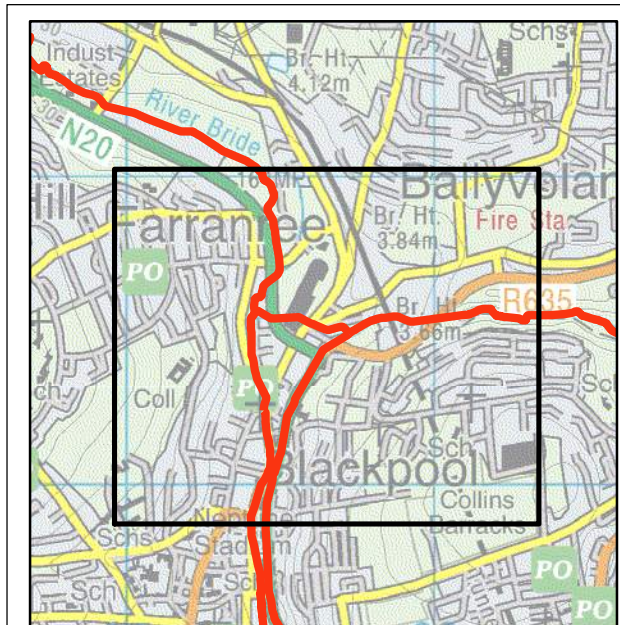
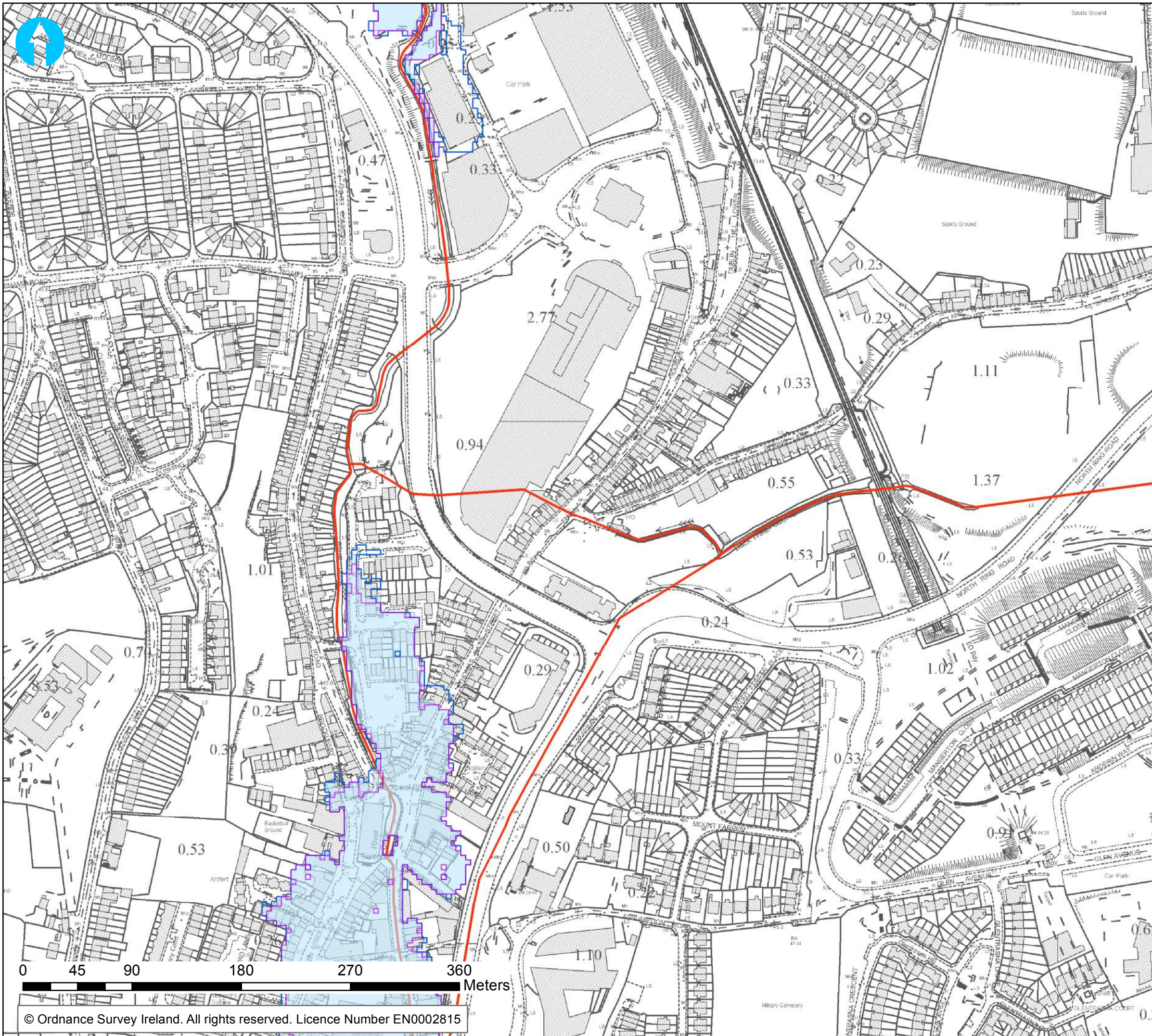
- 1% AEP Sensitivity - Lower Bound Roughness
- 1% AEP Sensitivity - Upper Bound Roughness
- 1% AEP Existing Outline
- Modelled River Centreline



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Oifig na nObrechtaí Poblaithe

Map: Lower Lee Flood Relief Scheme	
Map Type: 1% AEP - Roughness Sensitivity	
Scenario: Current	Scale: 1:3000 A3
Drawn by: AB	
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_Roughness_Sens_002	
Sheet: 2 of 4	
Date: 17/Nov/2015	Status: Draft





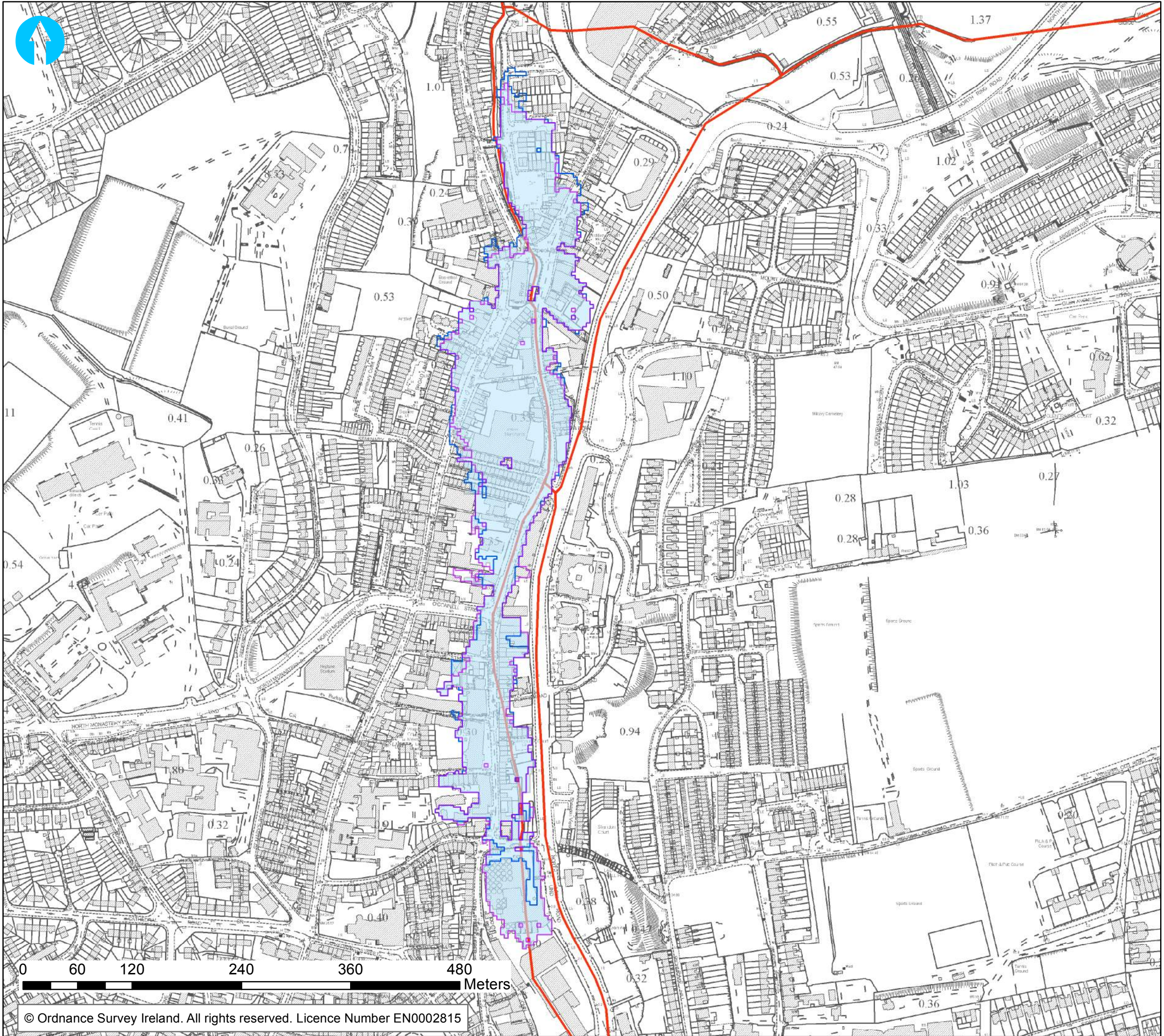
Legend

- 1% AEP Sensitivity - Lower Bound Roughness
- 1% AEP Sensitivity - Upper Bound Roughness
- 1% AEP Existing Outline
- Modelled River Centreline



Map: Lower Lee Flood Relief Scheme	
Map Type: 1% AEP - Roughness Sensitivity	
Scenario: Current	Scale: 1:3000 A3
Drawn by: AB	
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_Roughness_Sens_003	
Sheet: 3 of 4	
Date: 17/Nov/2015	Status: Draft





Legend

- 1% AEP Sensitivity - Lower Bound Roughness
- 1% AEP Sensitivity - Upper Bound Roughness
- 1% AEP Existing Outline
- Modelled River Centreline

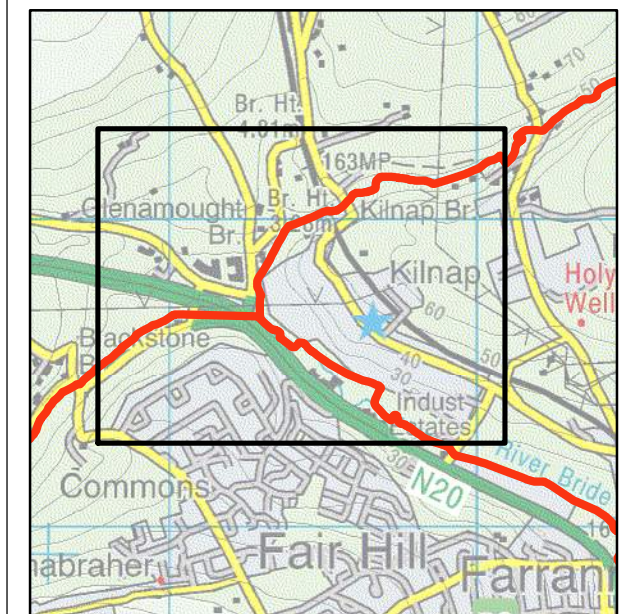
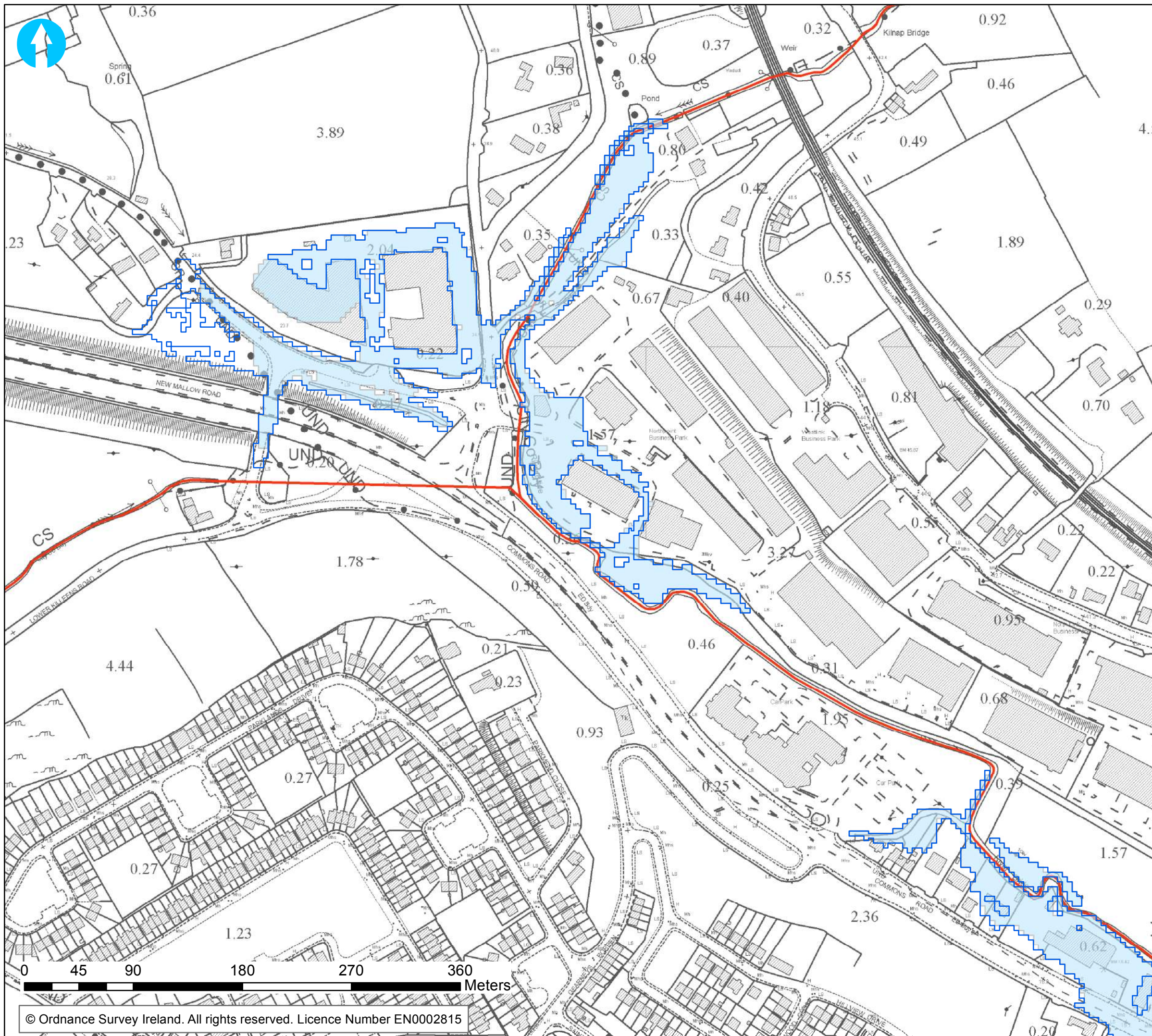


Map: Lower Lee Flood Relief Scheme	
Map Type: 1% AEP - Roughness Sensitivity	
Scenario: Current	Scale: 1:4000
Drawn by: AB	A3
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_Roughness_Sens_004	
Sheet: 4 of 4	
Date: 17/Nov/2015	Status: Draft

ARUP



A.3.4 Building Representation



Legend

-  1% AEP Sensitivity - Building Representation
-  1% AEP Existing Outline
-  Modelled River Centreline



Map: Lower Lee Flood Relief Scheme

Map Type: 1% AEP - Building Sensitivity

Scenario: Current

Drawn by: AB

Checked by: DF

Project No: 2013s7174

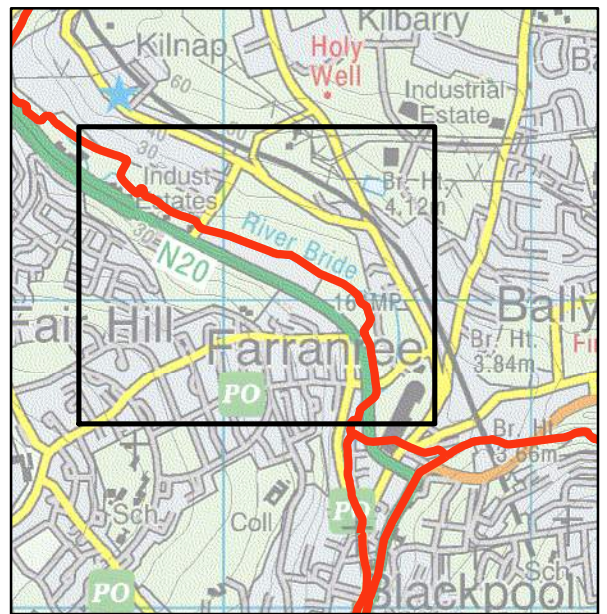
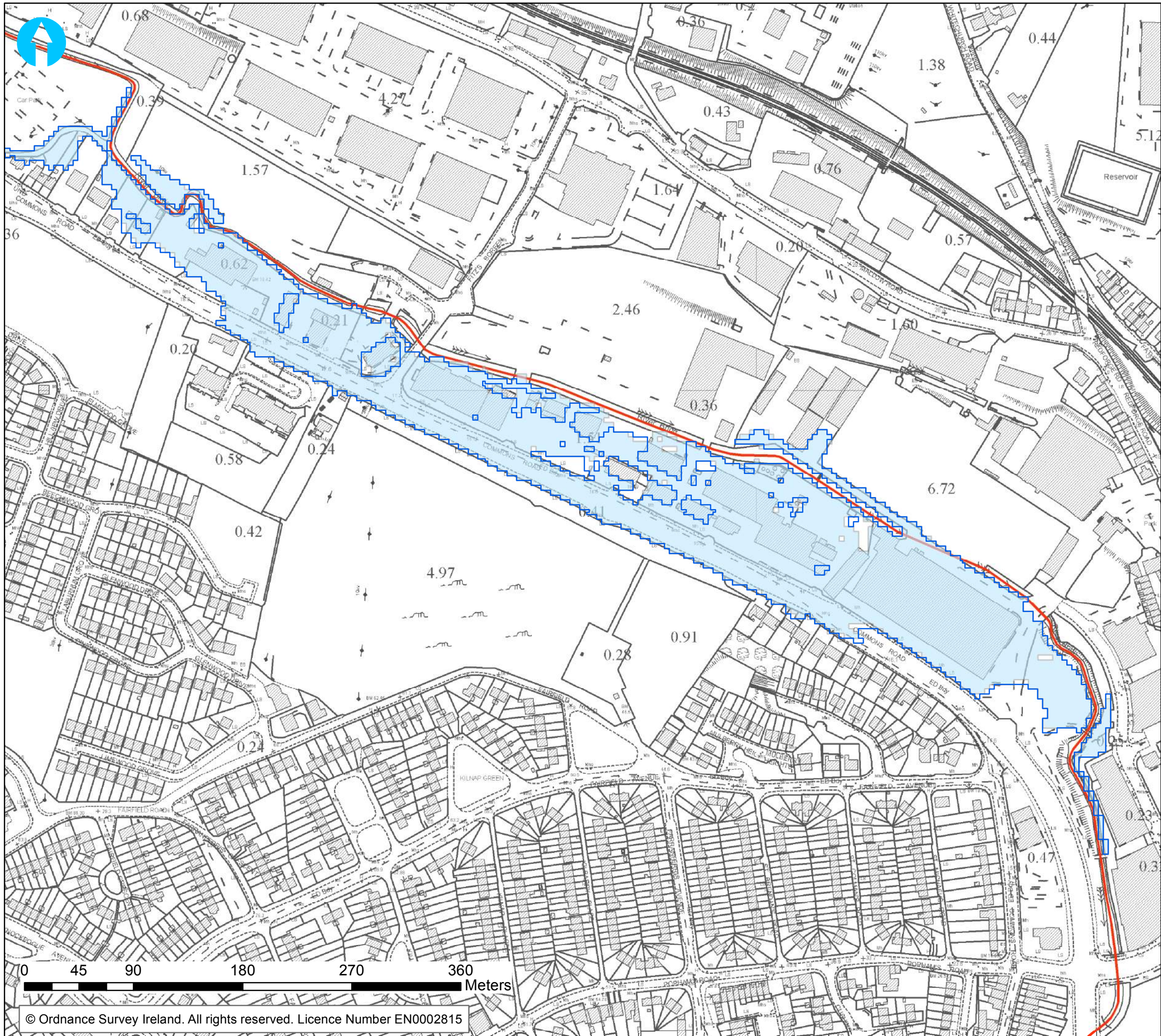
Map No: BLK_Building_Sens_001

Sheet: 1 of 4

Date: 17/Nov/2015

Status: Draft





Legend

-  1% AEP Sensitivity - Building Representation
-  1% AEP Existing Outline
-  Modelled River Centreline



Map: Lower Lee Flood Relief Scheme

Map Type: 1% AEP - Building Sensitivity

Scenario: Current

Drawn by: AB

Checked by: DF

Project No: 2013s7174

Map No: BLK_Building_Sens_002

Sheet: 2 of 4

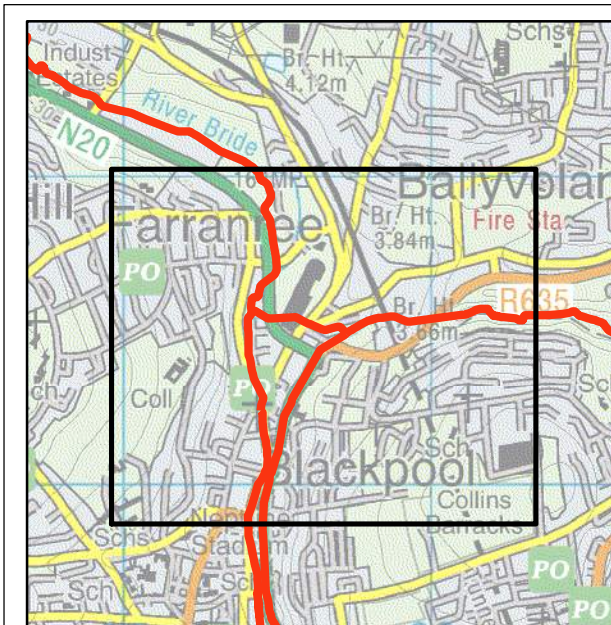
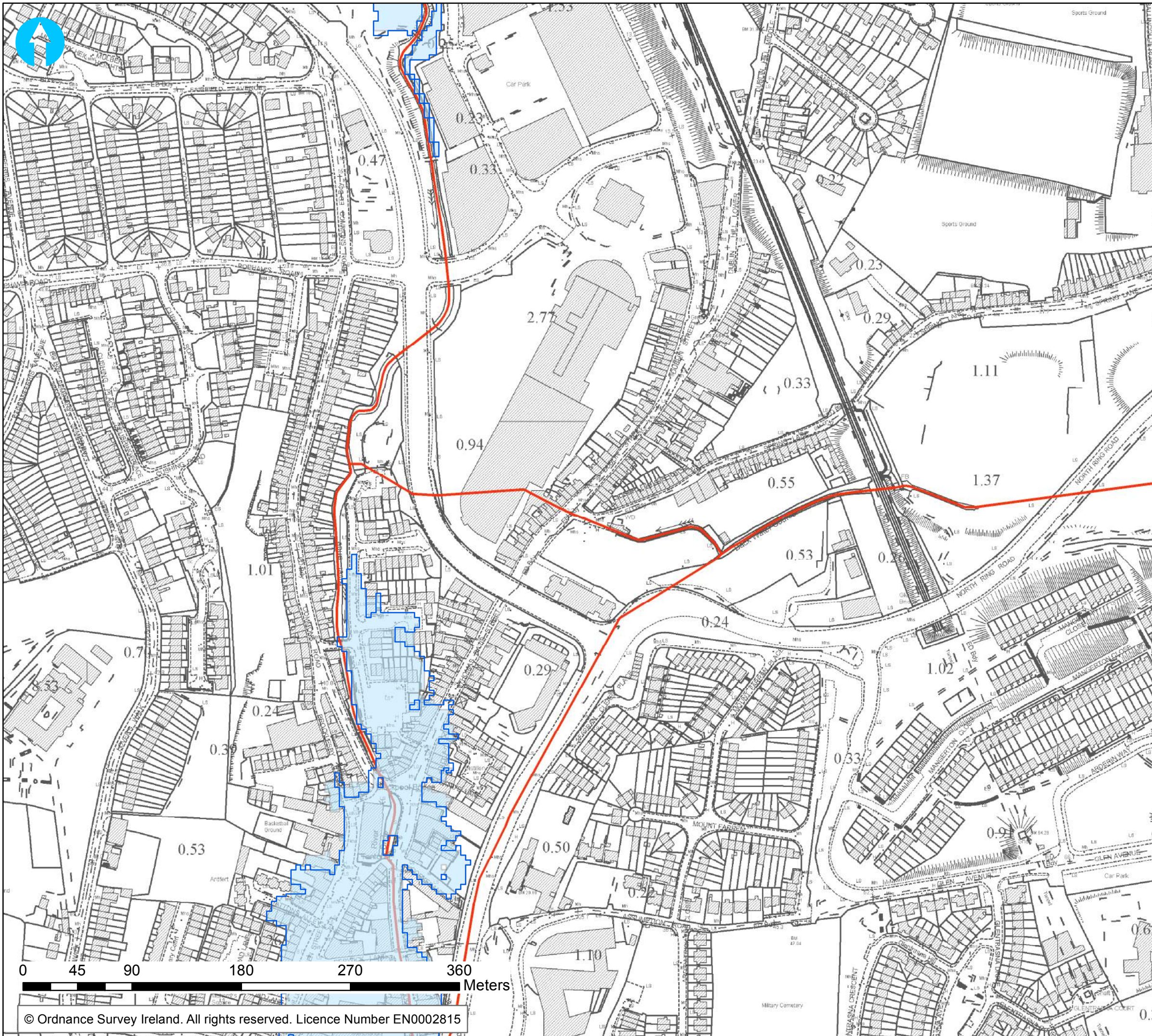
Date: 17/Nov/2015

Status: Draft

Scale:
1:3000
A3

ARUP





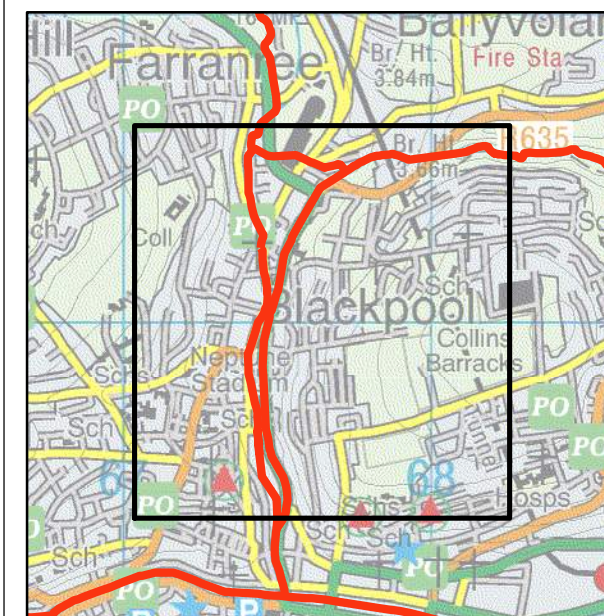
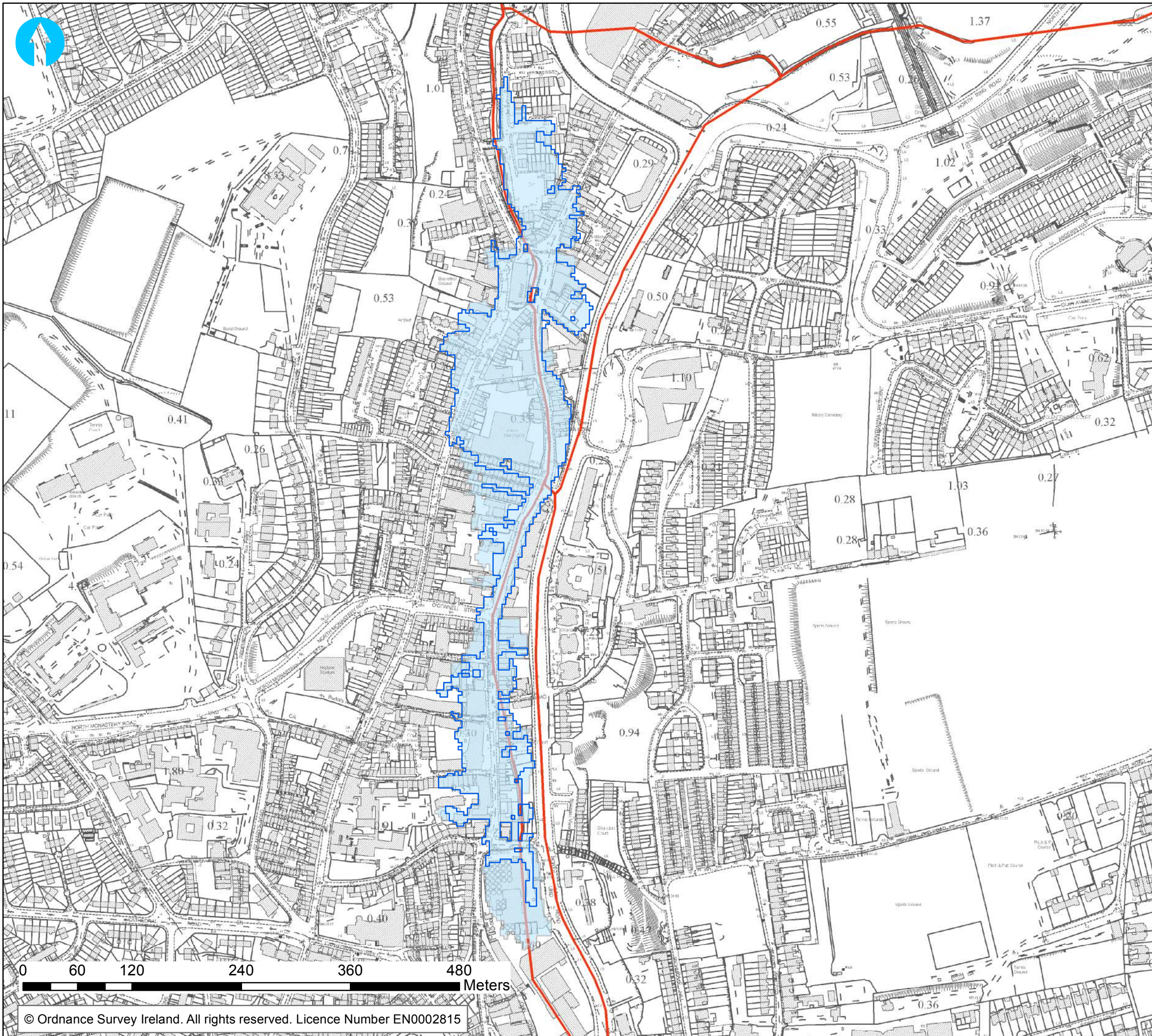
Legend

- 1% AEP Sensitivity - Building Representation
- 1% AEP Existing Outline
- Modelled River Centreline



Map: Lower Lee Flood Relief Scheme	
Map Type: 1% AEP - Building Sensitivity	
Scenario: Current	Scale: 1:3000 A3
Drawn by: AB	
Checked by: DF	
Project No: 2013s7174	
Map No: BLK_Building_Sens_003	
Sheet: 3 of 4	
Date: 17/Nov/2015	Status: Draft





Legend

-  1% AEP Sensitivity - Building Representation
-  1% AEP Existing Outline
-  Modelled River Centreline



Map: Lower Lee Flood Relief Scheme

Map Type: 1% AEP - Building Sensitivity

Scenario: Current

Drawn by: AB

Checked by: DF

Scale:

1:4000

A3

Project No: 2013s7174

Map No: BLK_Building_Sens_004

Sheet: 4 of 4

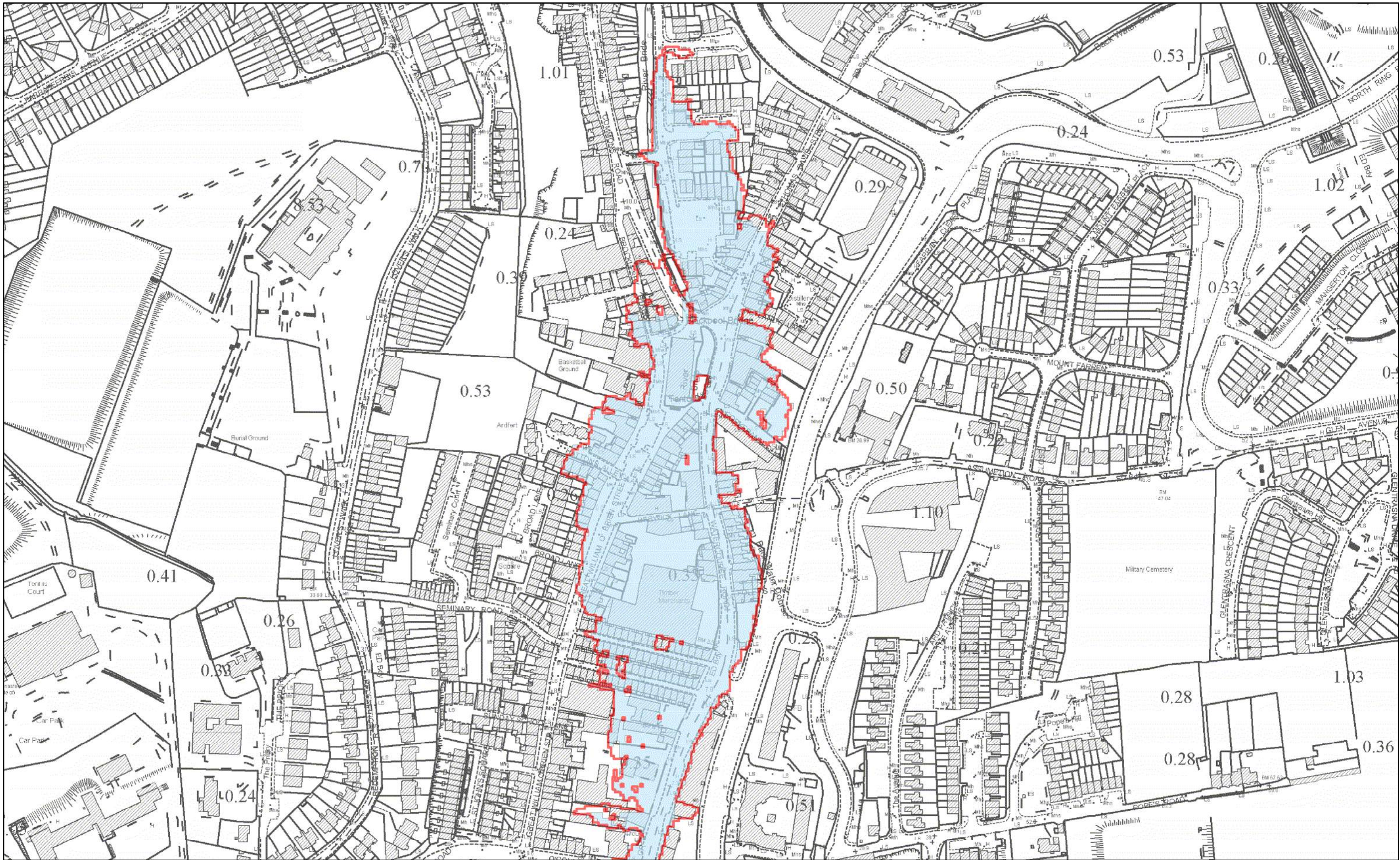
Date: 17/Nov/2015

Status: Draft

ARUP



A.3.5 Model Cell Size



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 1% AEP Existing Extent - 2m Cell Size  1% AEP Existing Extent