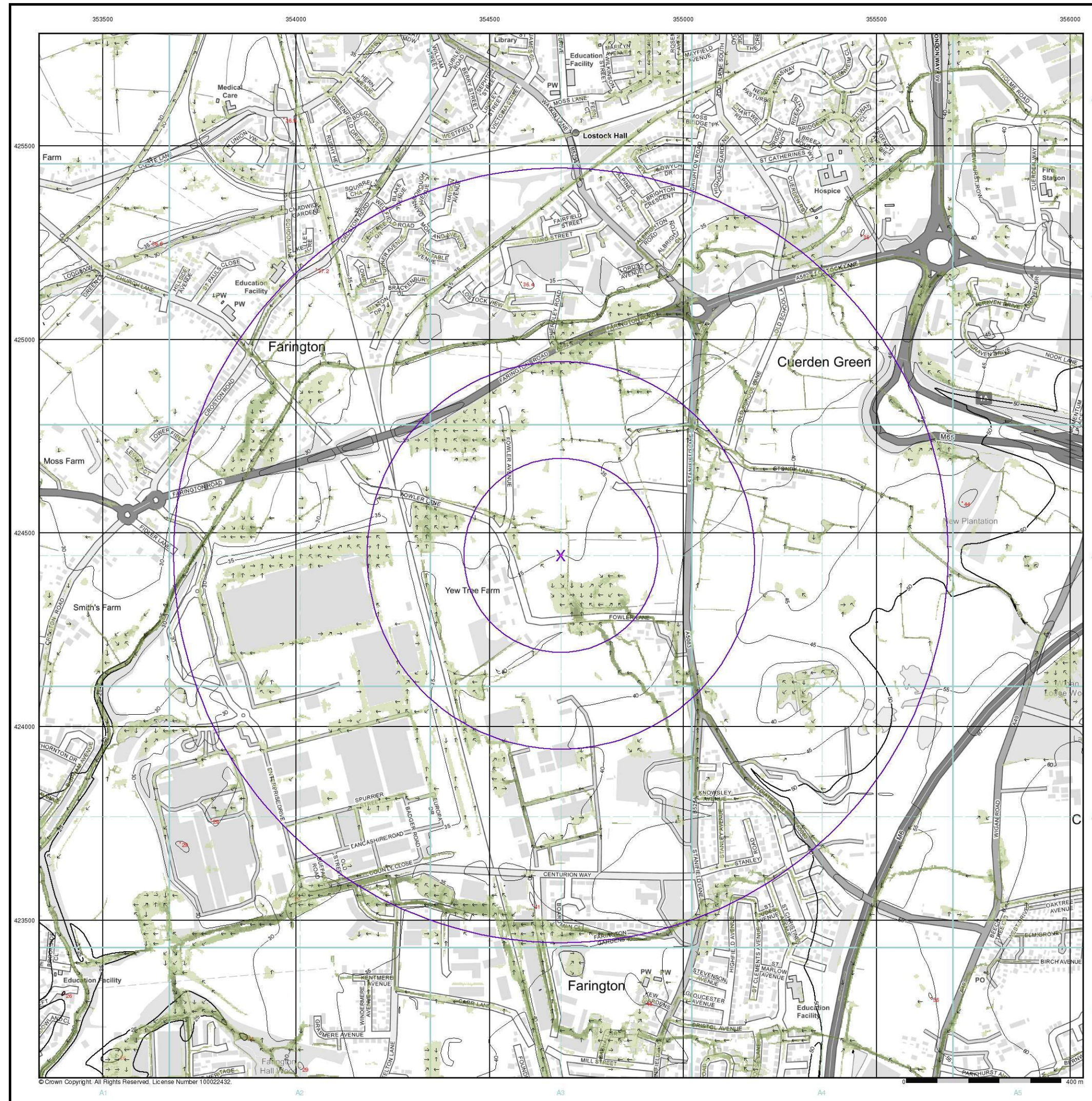


**Appendix E**  
**Flood Screening Report**  
**Part 2**



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## EANRW Surface Water 1000 Year Return Velocity and Flow Direction Map (1:10,000)

**General**  
 Specified Site (pink dot) Specified Buffer(s) (purple circle) Bearing Reference Point (purple X)

**Surface Water Velocity and Direction**

0.00 - 0.25m/s	Flow Direction at maximum velocity (arrow)
0.25 - 0.50m/s	
0.50 - 1.00m/s	
1.00 - 2.00m/s	
> 2.00m/s	

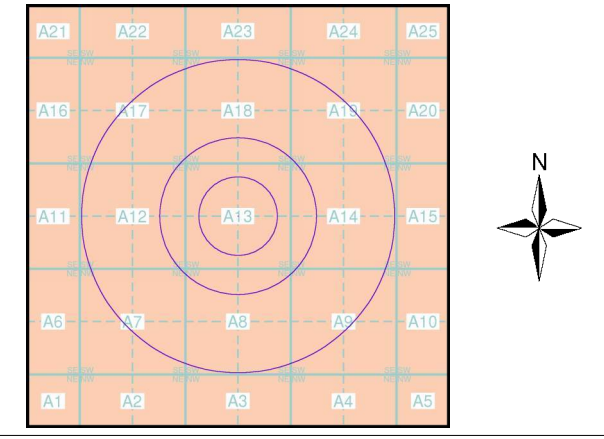
**Contours (height in metres)**

Standard Contour (105, 100, 95)	MLW (Mean Low Water)
Master Contour	MHW (Mean High Water)
Spot Height (*167.8)	

**Suitability**  
 See the suitability map below

National to county (light green)	Street to parcels of land (pink)
County to town (orange)	Property (yellow)
Town to street (blue)	

### EANRW Suitability Map - Slice A



**Order Details**  
 Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL120220  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

**Site Details**  
 Site at, Bamber Bridge, Lancashire

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## E/ANRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

**General**  
 Specified Site    Specified Buffer(s)    Bearing Reference Point

### Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

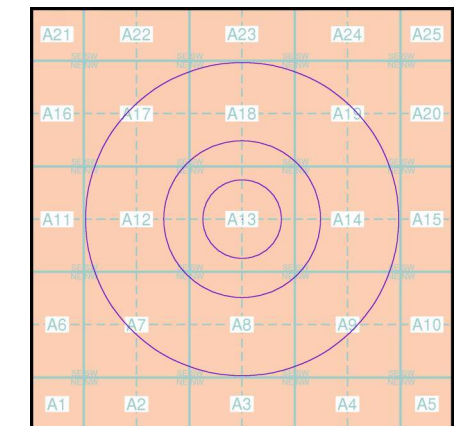
### Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

### Suitability

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

### E/ANRW Suitability Map - Slice A

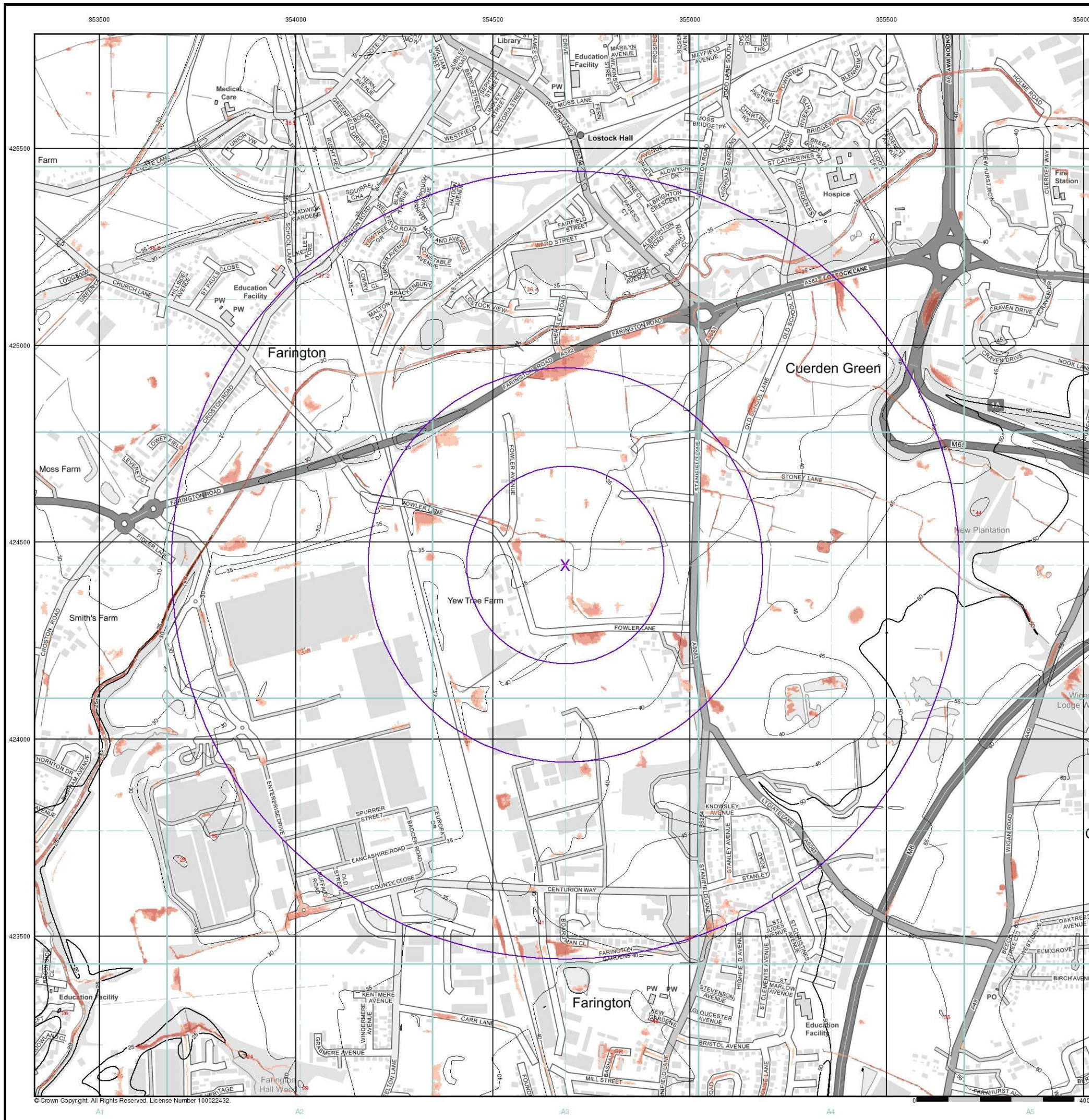


### Order Details

Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL1202  
 20  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

### Site Details

Site at, Bamber Bridge, Lancashire



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## E/ANRW Surface Water 100 Year Return Hazard Rating Map (1:10,000)

**General**  
 Specified Site    Specified Buffer(s)    Bearing Reference Point

### Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

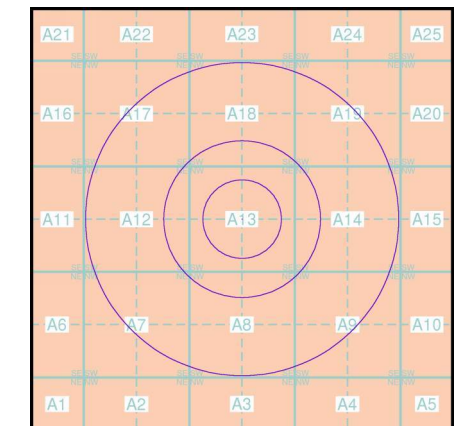
### Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height \*167.8
- MLW Mean Low Water
- MHW Mean High Water

### Suitability

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

### E/ANRW Suitability Map - Slice A

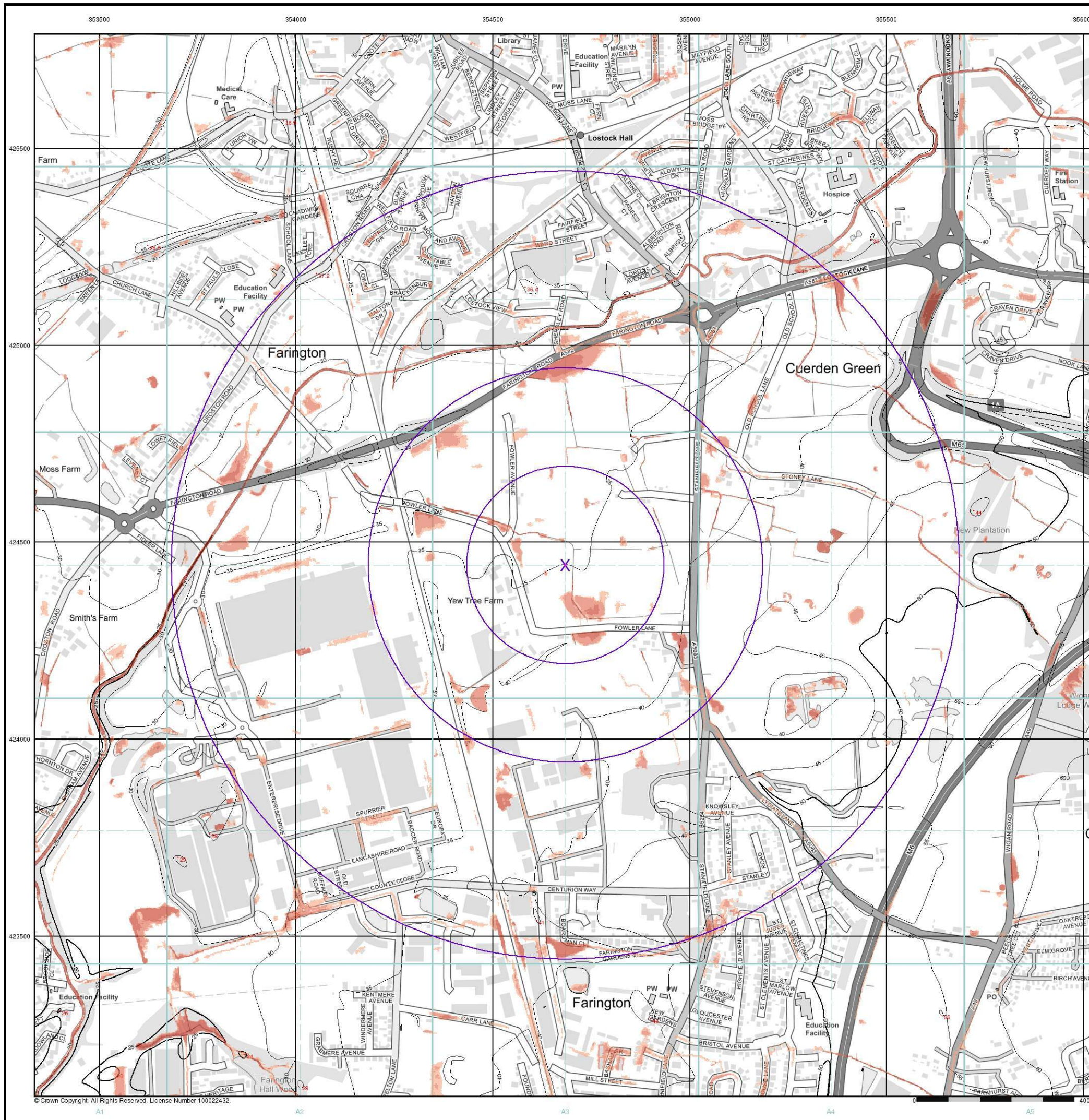


### Order Details

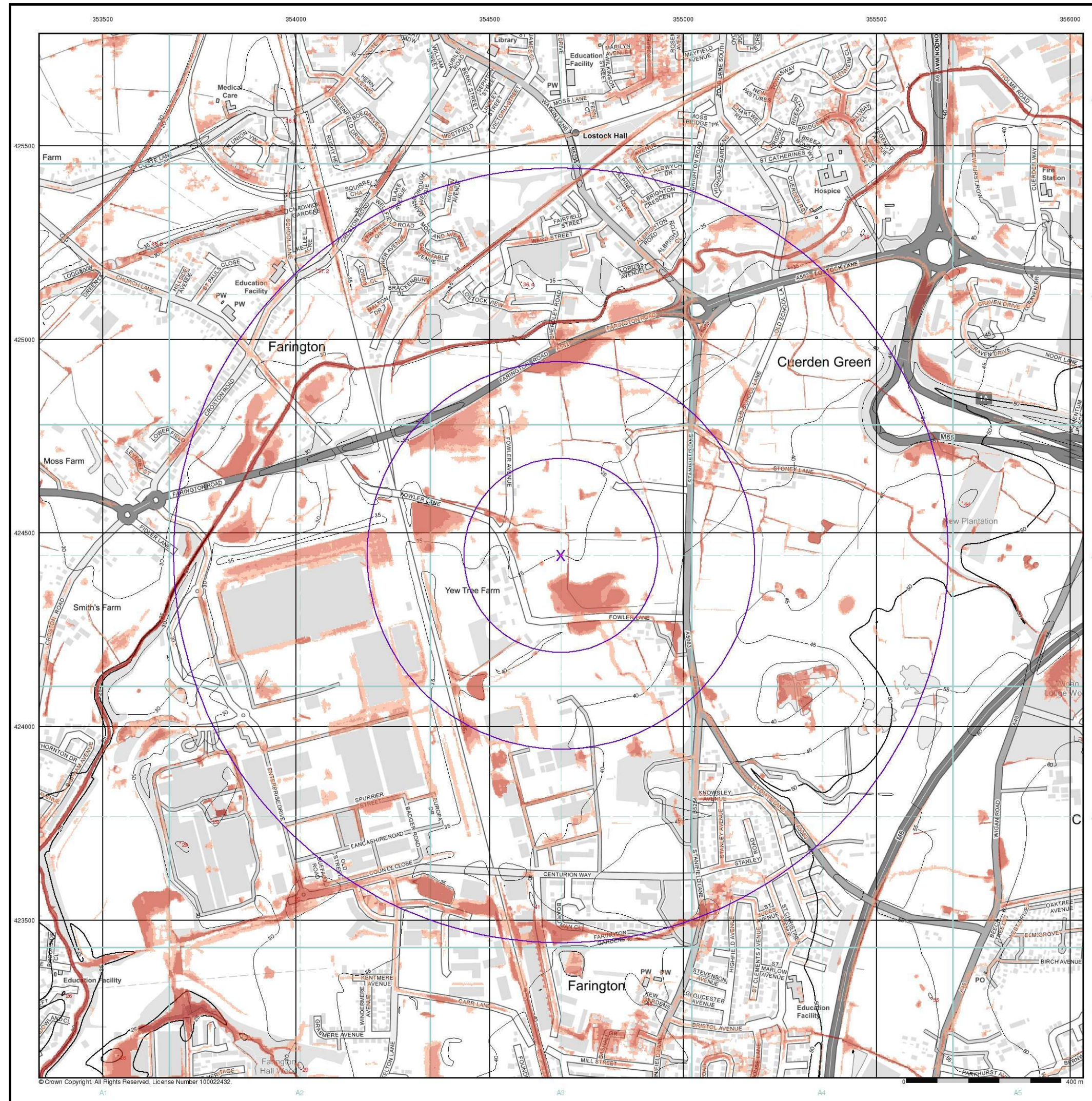
Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL1202  
 20  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

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## E/NRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

**General**  
 ● Specified Site    ○ Specified Buffer(s)    X Bearing Reference Point

**Surface Water Hazard Rating**

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

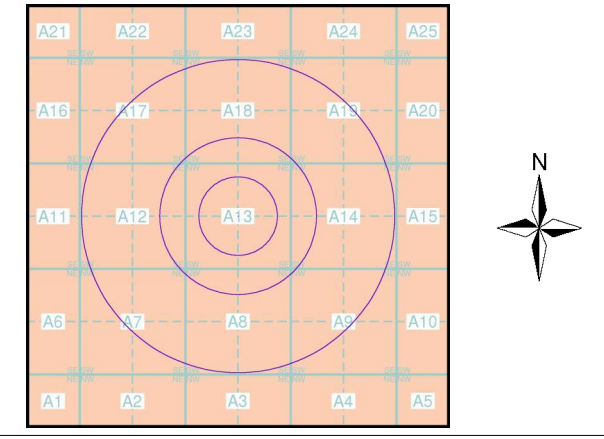
**Contours (height in metres)**

Standard Contour    — 105 —    — MLW — Mean Low Water  
 Master Contour    — 100 —    — MHW — Mean High Water  
 Spot Height    \* 167.8

**Suitability**  
 See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

### E/NRW Suitability Map - Slice A

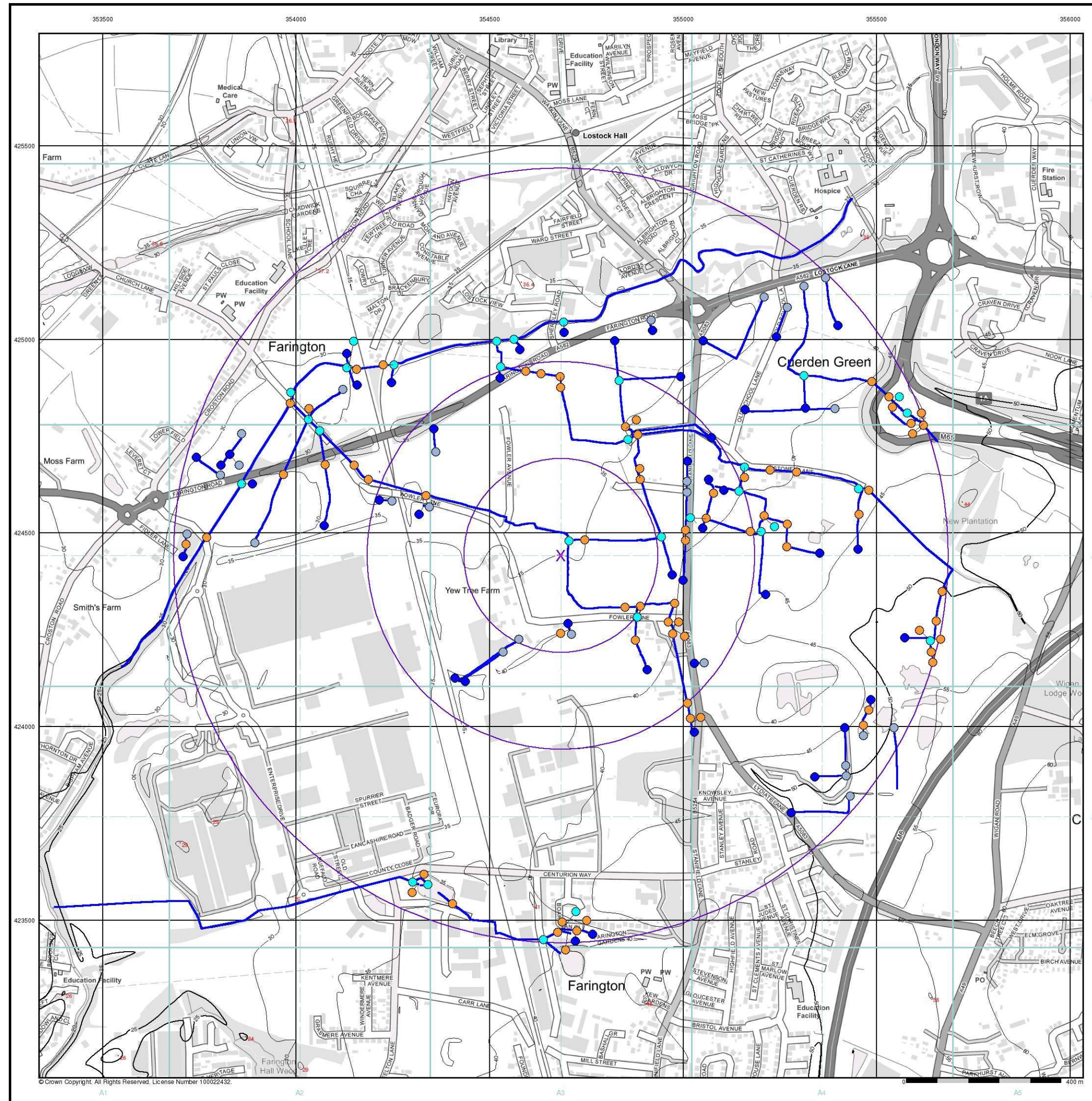


**Order Details**  
 Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL1202  
 20  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

**Site Details**  
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## OS Water Network Lines Map (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

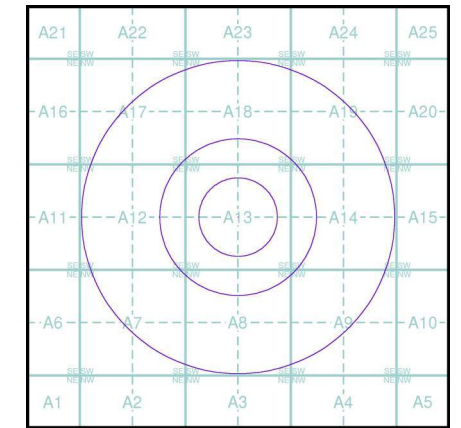
### OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| Canal        | Drain                   |
| Reservoir    | Other                   |
| Foreshore    | Lake                    |
| Marsh        | Transfer                |
| Tidal River  | Lock Or Flight Of Locks |
| Inland River | Sea                     |
| Junction     | Source                  |
| Outlet       | Other                   |
| Pseudo       |                         |

### Contours (height in meters)

- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- Mean Low Water
- Mean High Water

### OS Water Network Map - Slice A



### Order Details

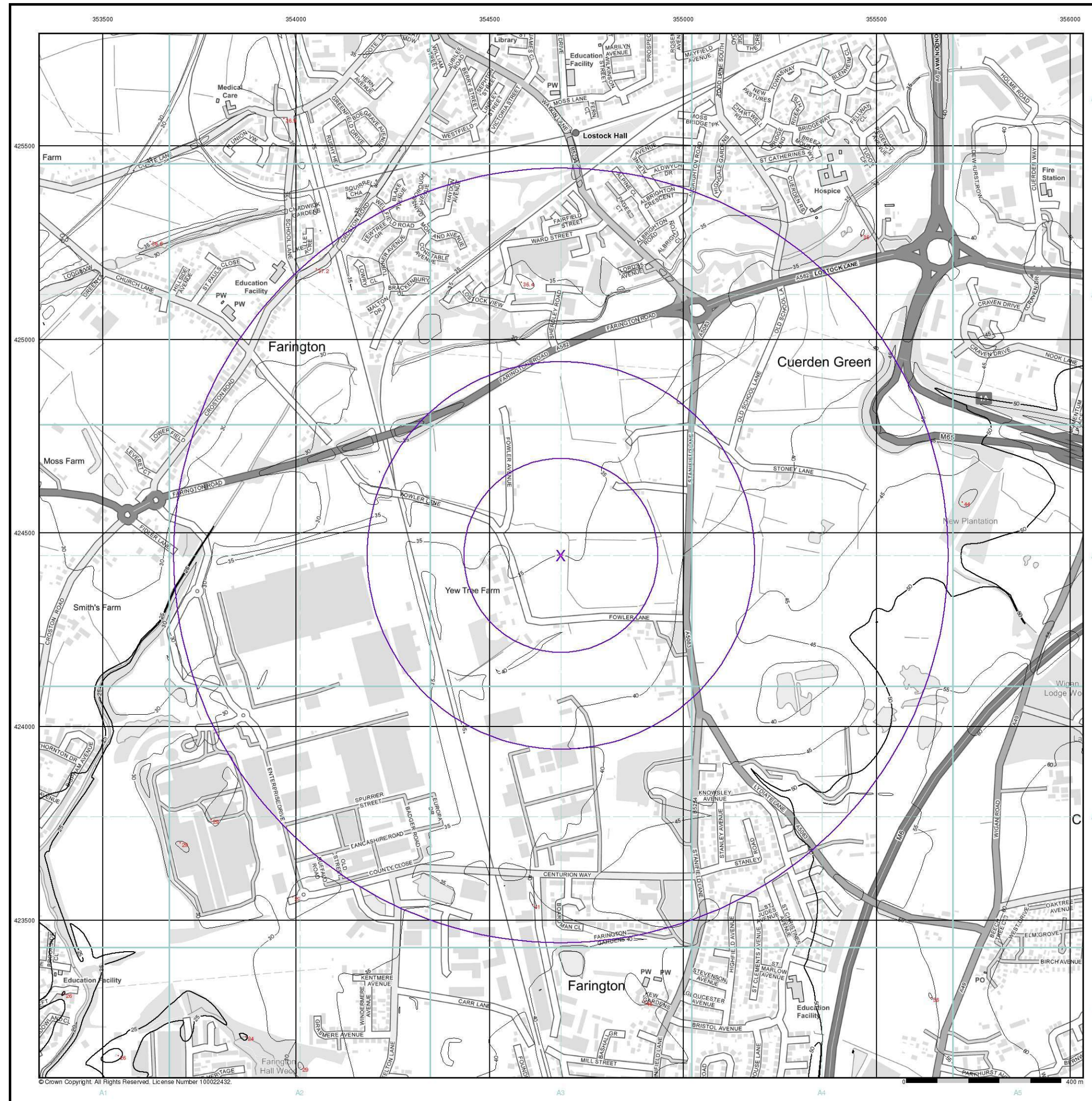
Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL1202  
 20  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

### Site Details

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## EANRW Historic Flood Map (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

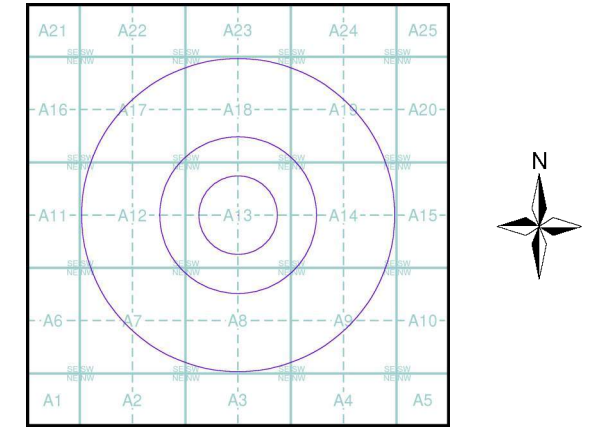
### Historic Flood Events Data

- |  |                                       |
|--|---------------------------------------|
| Channel Capacity Exceeded (no raised defences) | Obstruction/Blockage - Culvert        |
| Channel Capacity Exceeded /Surface Water       | Obstruction/Blockage - Debris Screen  |
| Groundwater/High Water Table                   | Operational Failure/Breach of Defence |
| Local Drainage/Surface Water                   | Other                                 |
| Mechanical Failure                             | Overtopping of Defences               |
| Obstruction/Blockage - Bridge                  | Surface Water                         |
| Obstruction/Blockage - Channel                 | Unknown                               |
| Historical Flood Liabilities                   |                                       |

### Contours (height in metres)

- Standard Contour 105 MLW Mean Low Water
- Master Contour 100 MHW Mean High Water
- Spot Height 167.8

## EANRW Historic Flood Map - Slice A

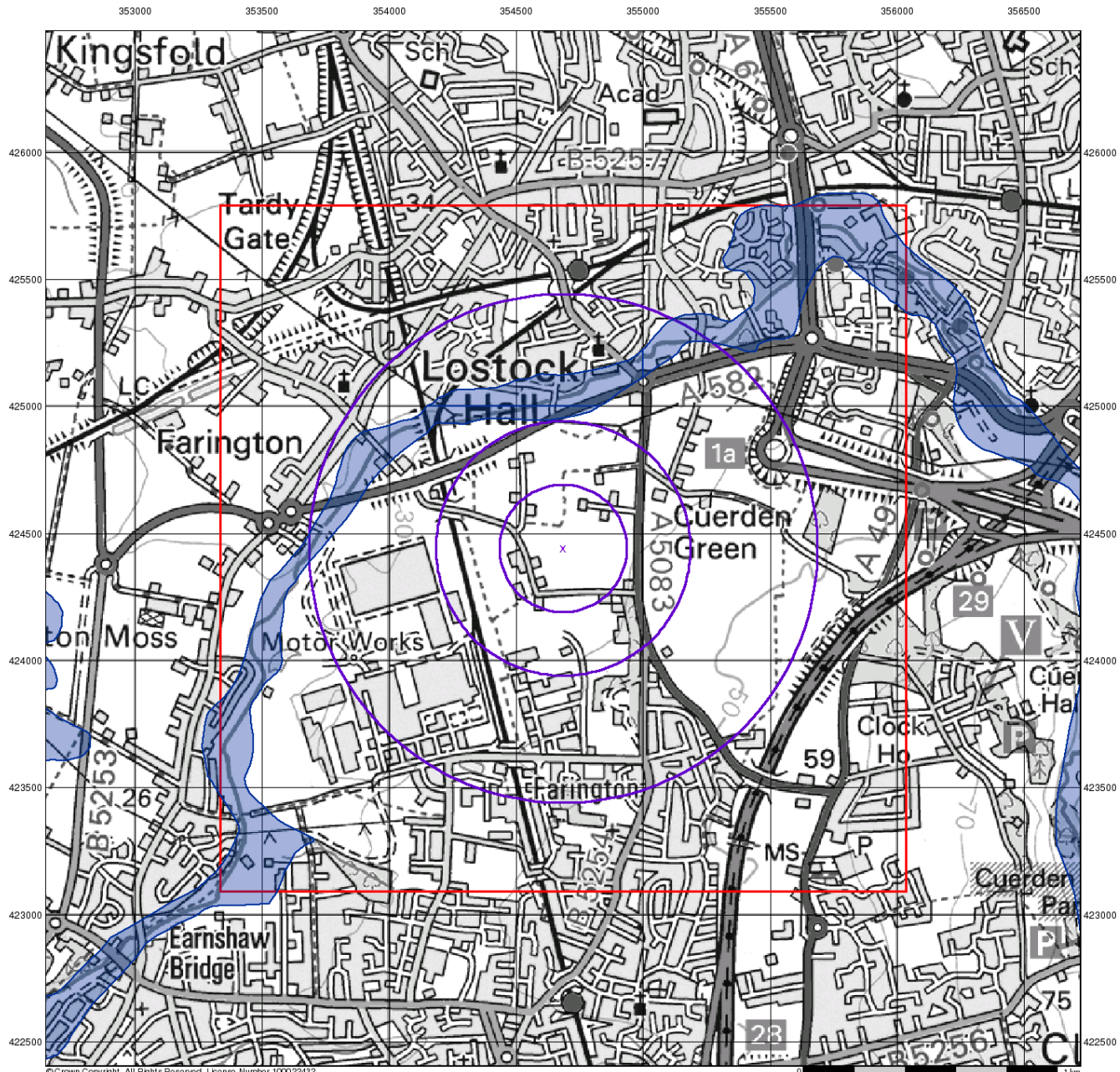


### Order Details

Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL1202  
 20  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

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## BGS Flood Data (1:50,000)

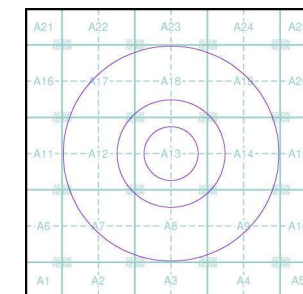
### General

- ◇ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

### BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

### BGS Flood Data Map - Slice A



### Order Details

Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL120220  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

### Site Details

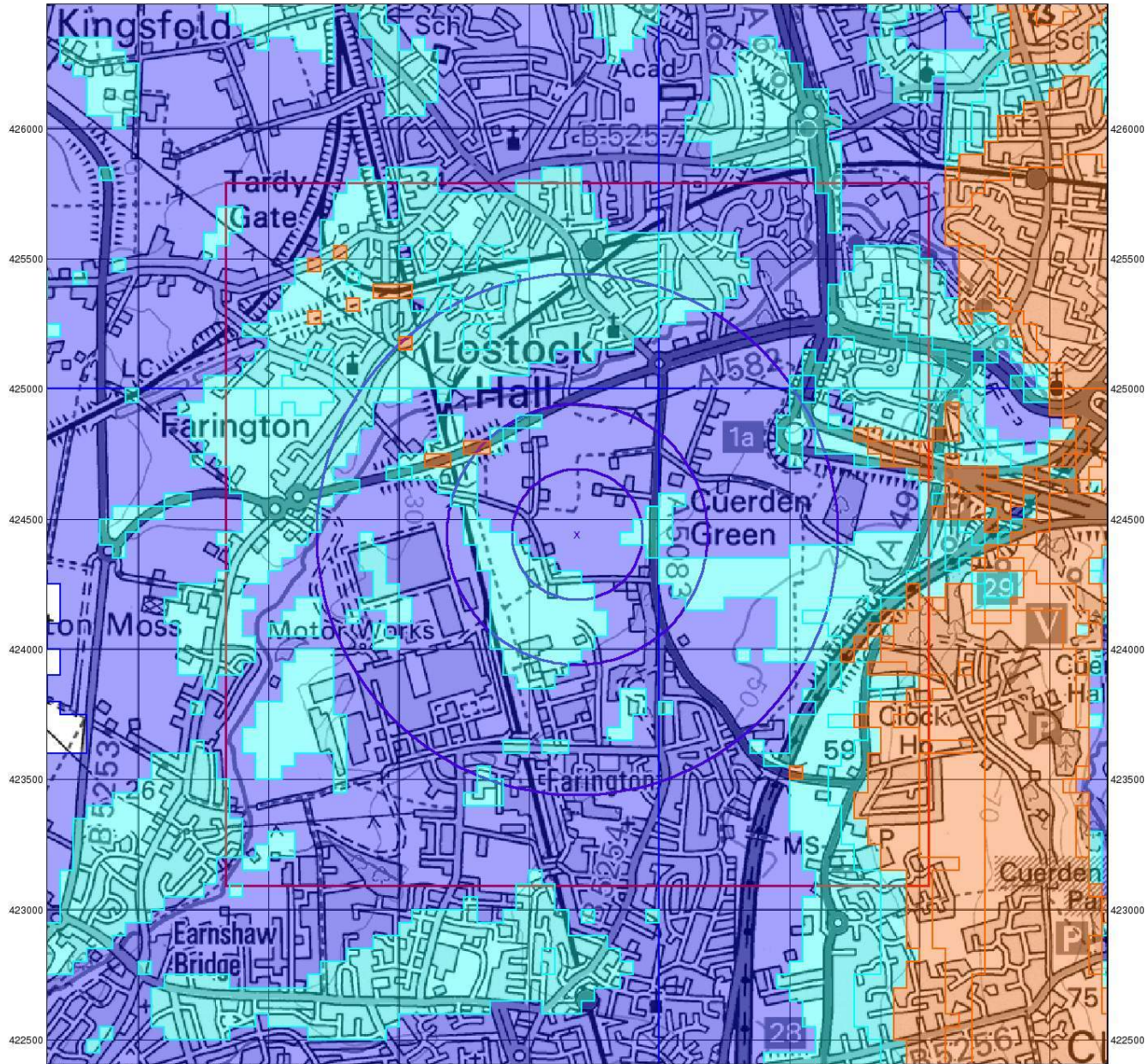
Site at, Bamber Bridge, Lancashire

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353000 353500 354000 354500 355000 355500 356000 356500



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0 1 km

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## BGS Flood Data (1:50,000)

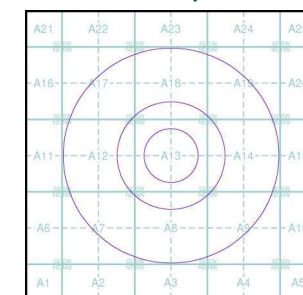
### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### BGS Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

### BGS Flood Data Map - Slice A



### Order Details

Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL120220  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

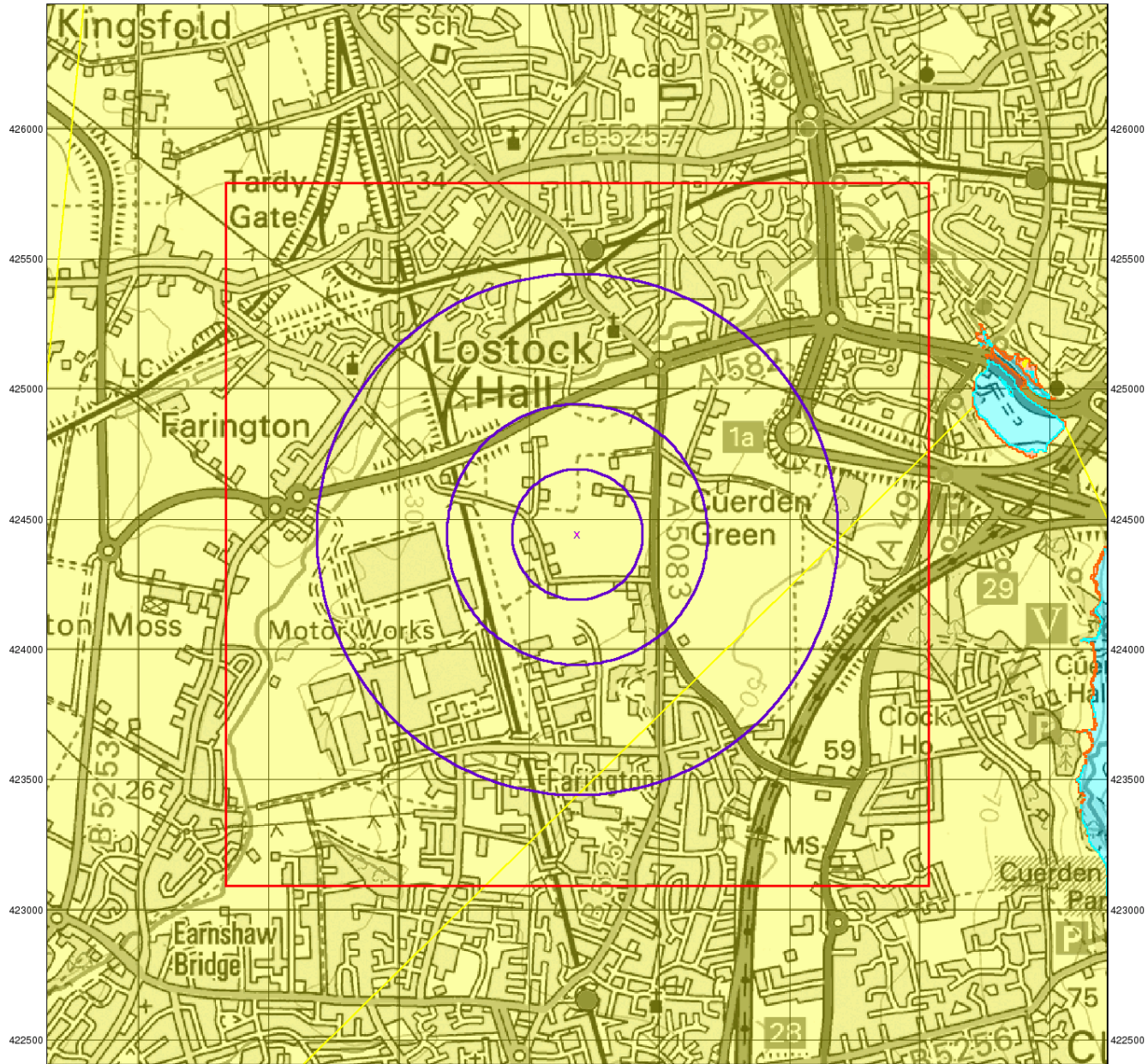
### Site Details

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353000 353500 354000 354500 355000 355500 356000 356500



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0 1 km

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## GeoSmart Information Groundwater Flood Map (1:50,000)

### General

◊ Specified Site ◊ Specified Buffer(s) X Bearing Reference Point

□ Slice

### GeoSmart Information Groundwater Flooding Risk

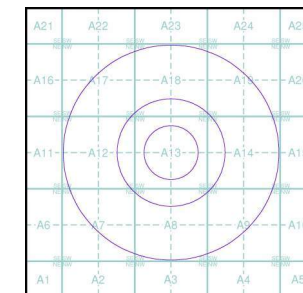
■ High Risk

■ Moderate Risk

■ Low Risk

■ Negligible Risk

### GeoSmart Information Groundwater Flood Map - Slice A



### Order Details

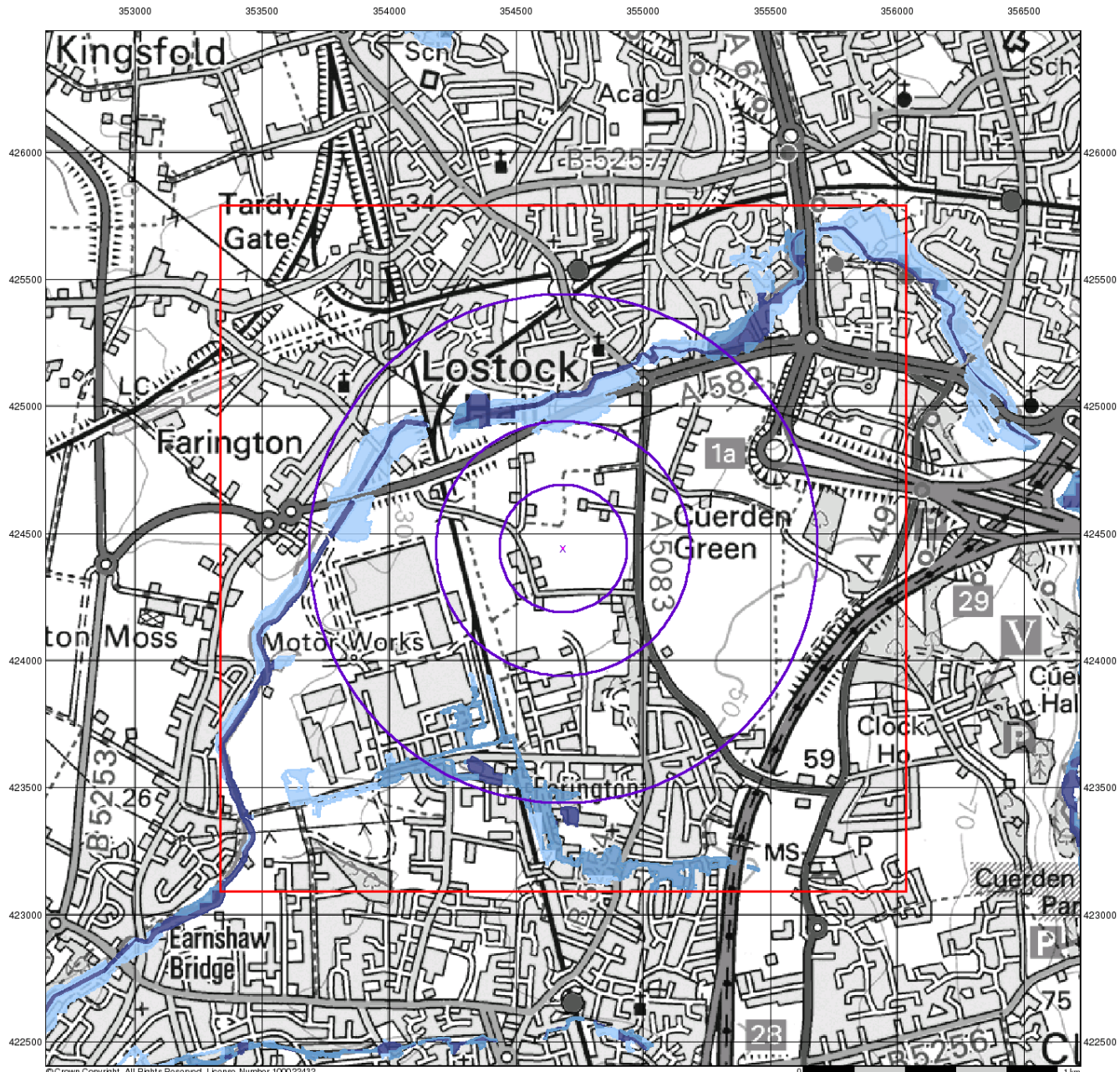
Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL120220  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

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## EA/NRW RoFRS Data (1:50,000)

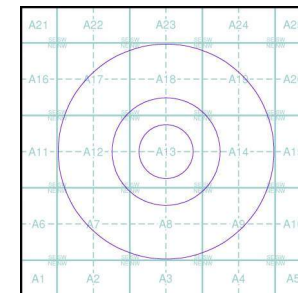
### General

- ◊ Specified Site
- Specified Buffer(s)
- x Bearing Reference Point
- Slice
- Map ID

### Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

### EA/NRW RoFRS Data Map - Slice A



### Order Details

Order Number: 234139499\_1\_1  
 Customer Ref: P3000932\_DuncanMackay\_TLL120220  
 National Grid Reference: 354680, 424440  
 Slice: A  
 Site Area (Ha): 0.01  
 Search Buffer (m): 1000

### Site Details

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