

EANRW Flood Data Map (1:10,000)

General

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

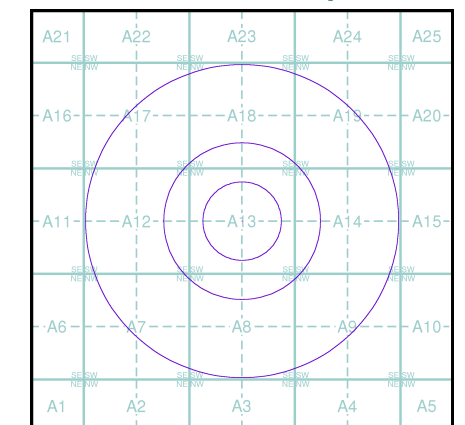
Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in metres)

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

EANRW Flood Data Map - Slice A

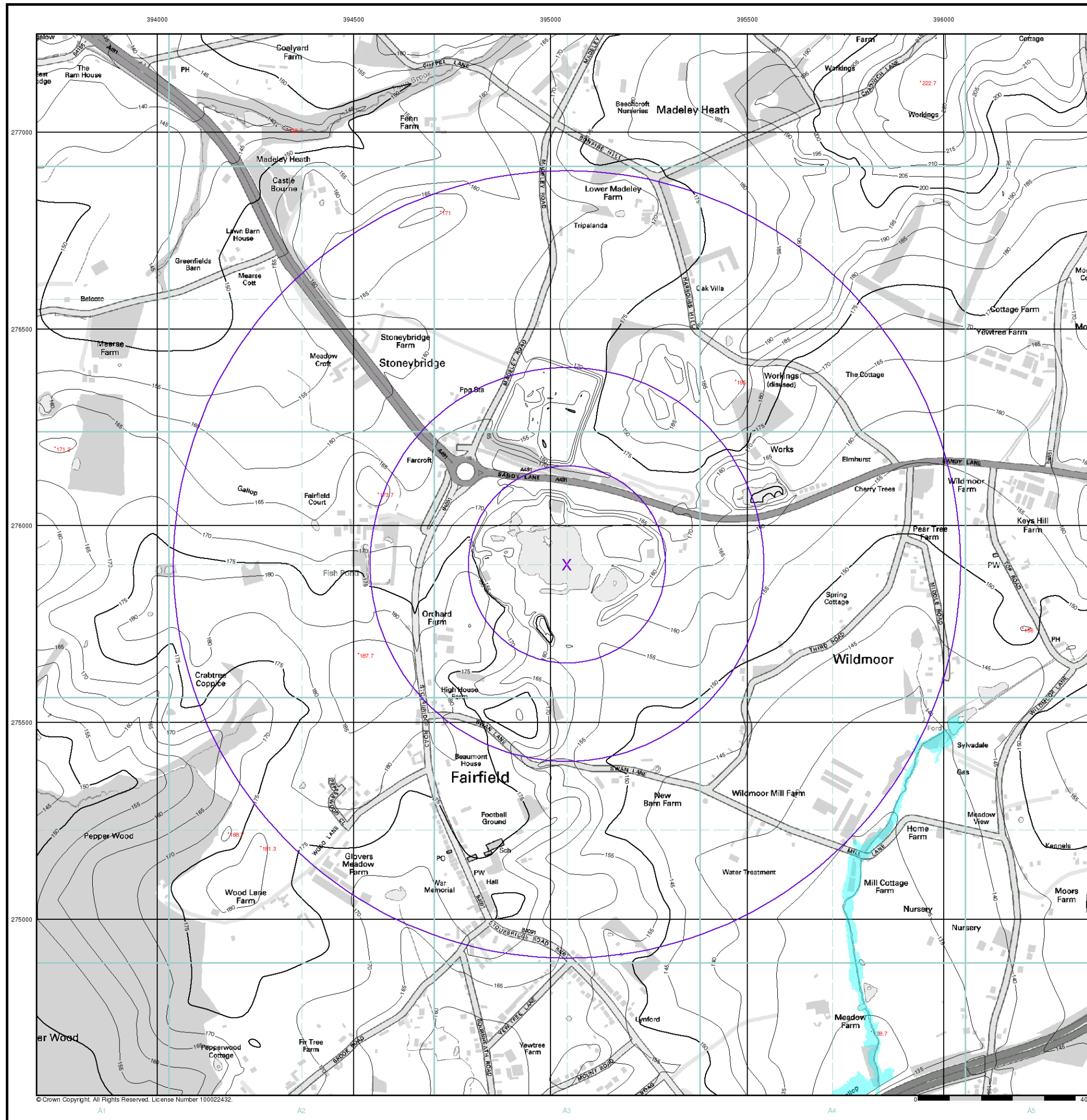


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR



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JBA 75 Year Return Flood Map (Undefended) (1:10,000)

General

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

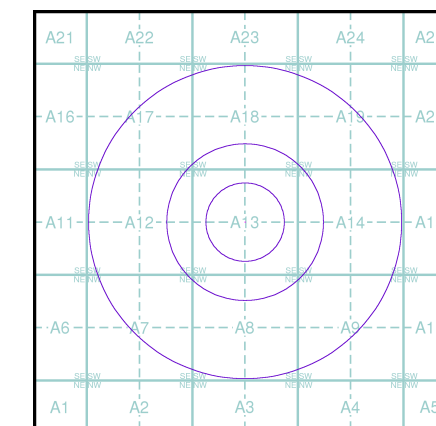
Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm | 0.5mm - 10cm | < 10cm |
| 1cm - 10cm | 10cm - 30cm | 10cm - 30cm |
| 10cm - 30cm | 30cm - 1m | 30cm - 1m |
| 30cm - 1m | >1m | >1m |
| >1m | | |

Contours (height in metres)

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

JBA 75 Year Return Flood Map (Undefended) - Slice A

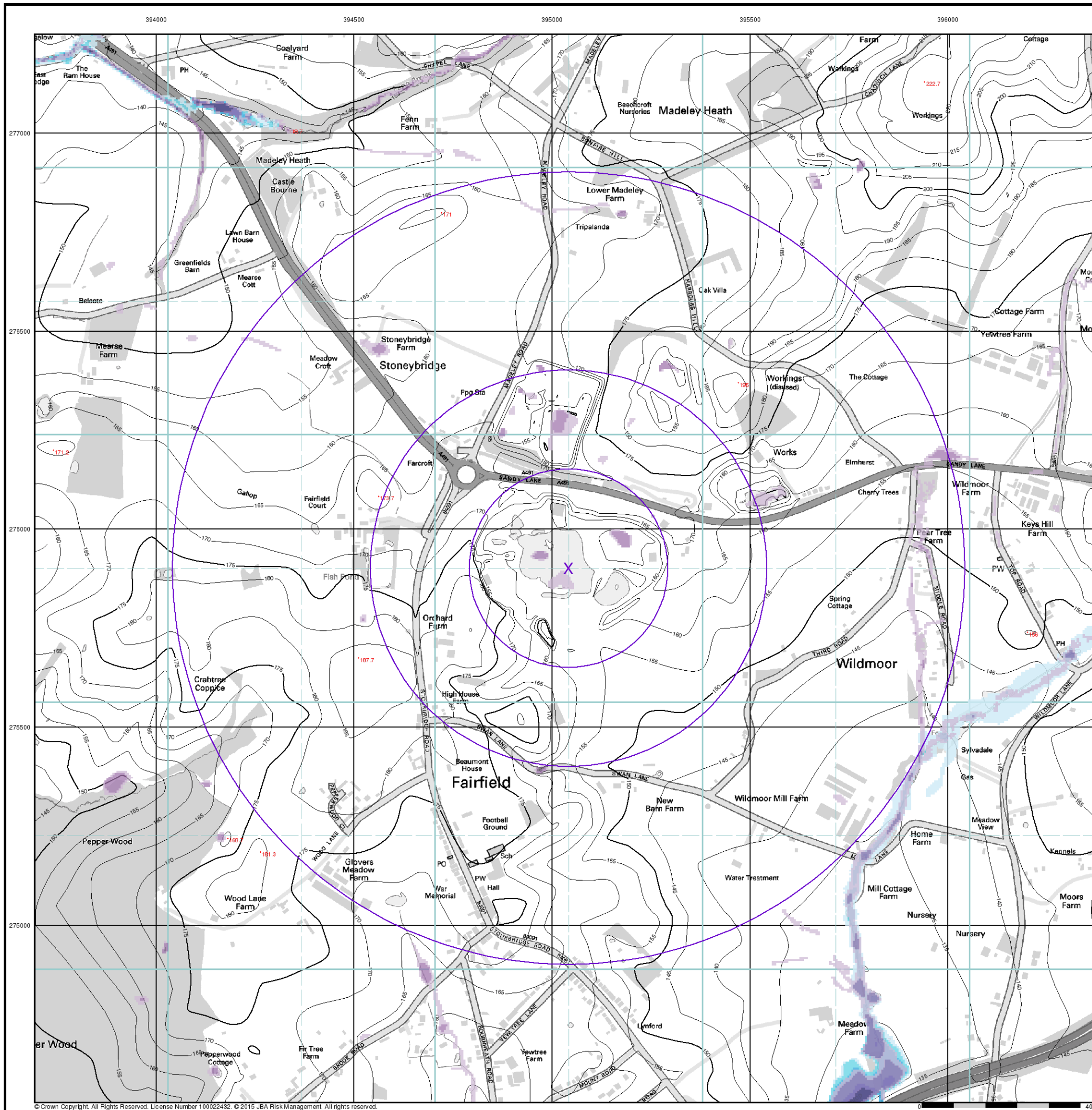


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR



JBA 100 Year Return Flood Map (Undefended) (1:10,000)

General

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

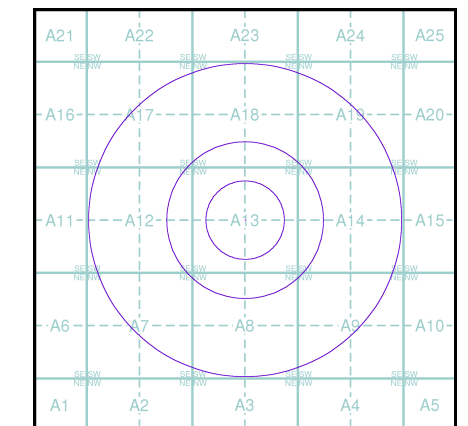
Modelled Flood Depth

| Fluvial Depth | Coastal Depth |
|---------------|---------------|
| 0.5mm - 10cm | < 10cm |
| 10cm - 30cm | 10cm - 30cm |
| 30cm - 1m | 30cm - 1m |
| >1m | >1m |

Contours (height in metres)

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

JBA 100 Year Return Flood Map (Undefended) - Slice A

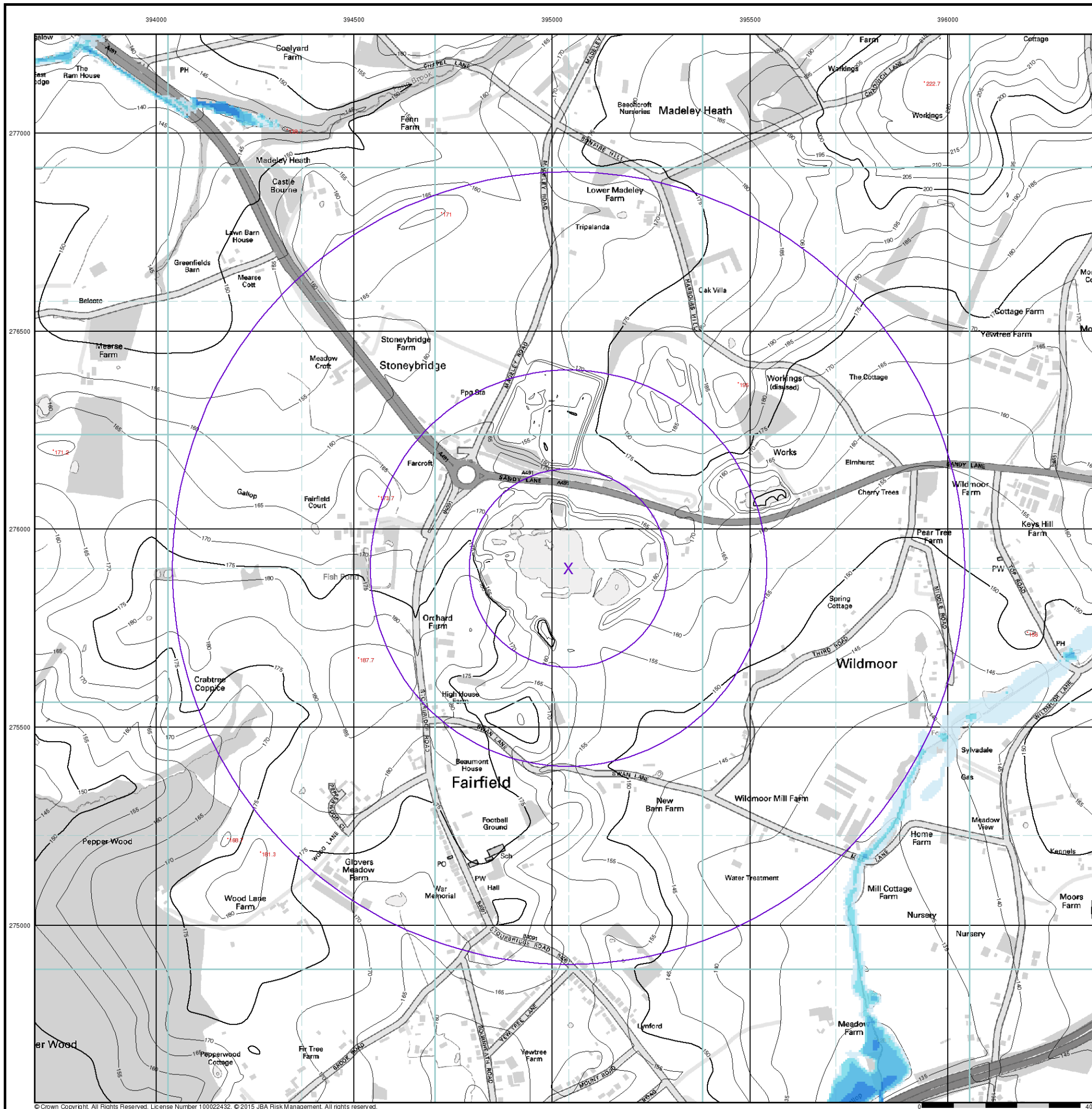


Order Details

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JBA 200 Year Return Flood Map (Undefended) (1:10,000)

General

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

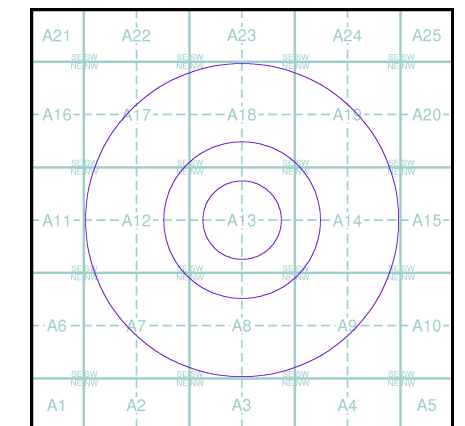
Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm | 0.5mm - 10cm | < 10cm |
| 1cm - 10cm | 10cm - 30cm | 10cm - 30cm |
| 10cm - 30cm | 30cm - 1m | 30cm - 1m |
| 30cm - 1m | >1m | >1m |
| >1m | | |

Contours (height in metres)

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

JBA 200 Year Return Flood Map (Undefended) - Slice A

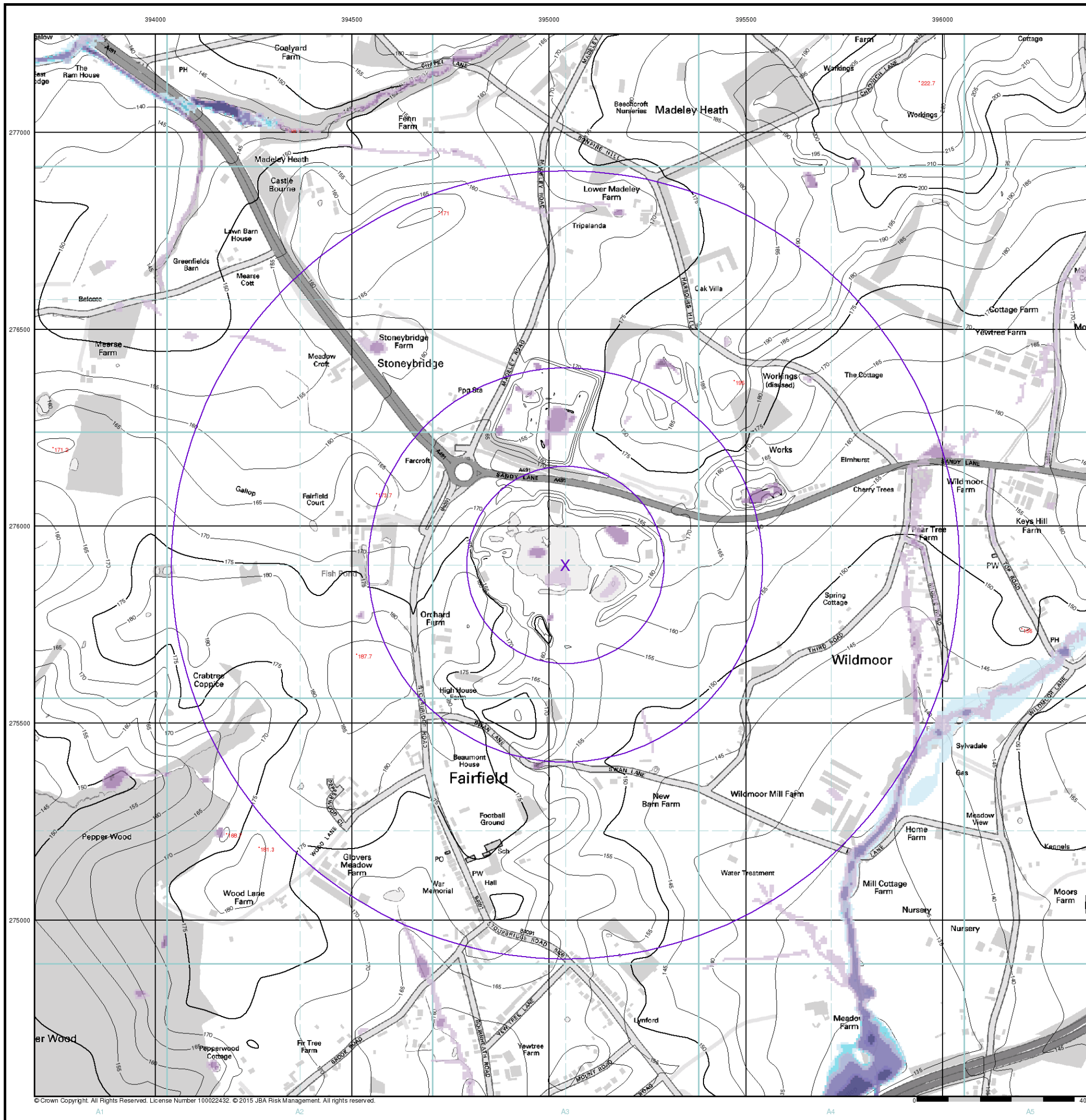


Order Details

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JBA 1000 Year Return Flood Map (Undefined) (1:10,000)

General

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

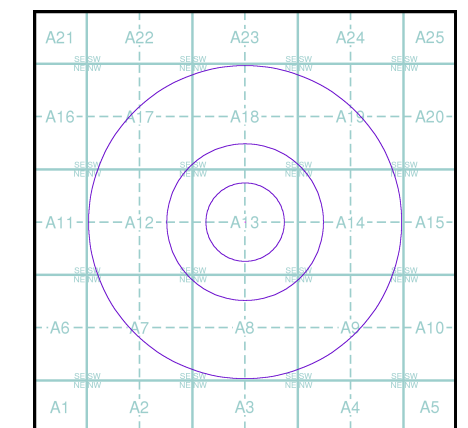
Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm | 0.5mm - 10cm | < 10cm |
| 1cm - 10cm | 10cm - 30cm | 10cm - 30cm |
| 10cm - 30cm | 30cm - 1m | 30cm - 1m |
| 30cm - 1m | >1m | >1m |
| >1m | | |

Contours (height in metres)

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

JBA 1000 Year Return Flood Map (Undefined) - Slice A

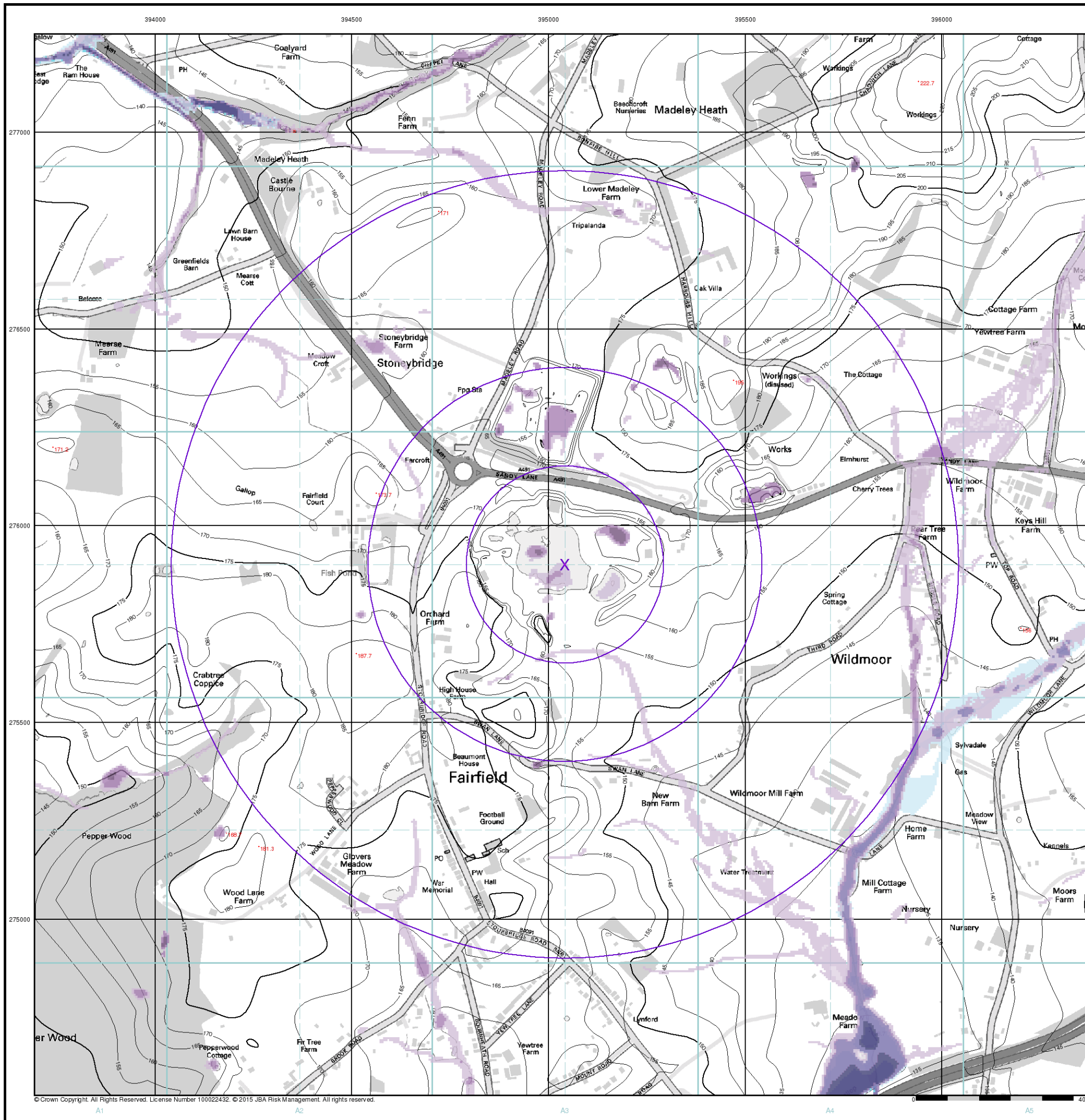


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JBA Canal Failure Map (1:10,000)

General

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

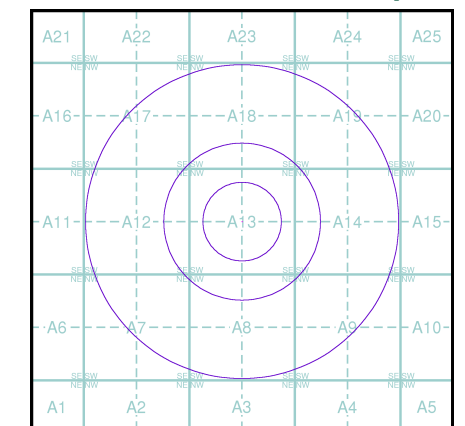
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

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

JBA Canal Failure Flood Map - Slice A

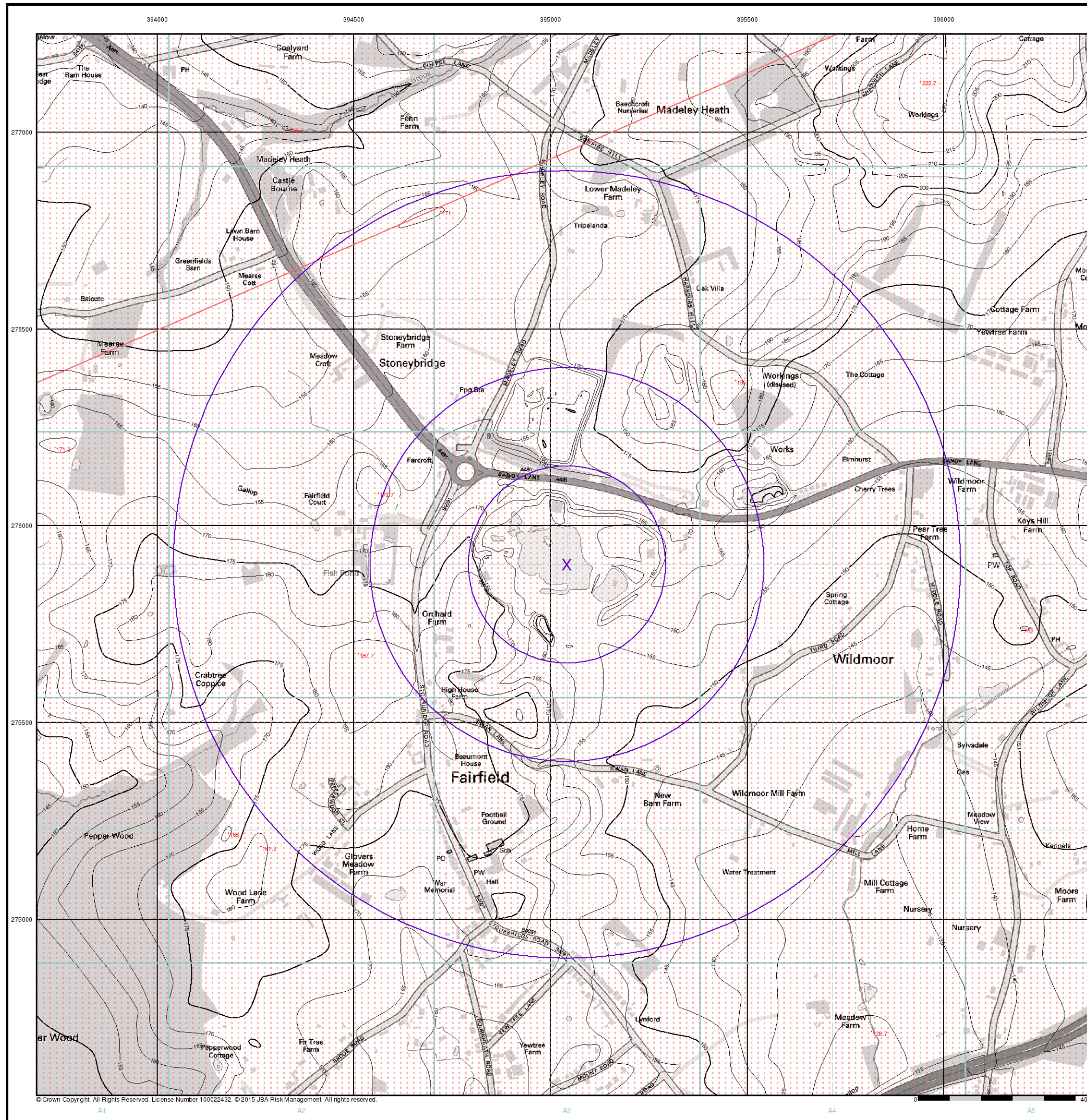


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
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EANRW Surface Water 30 Year Return Depth Map (1:10,000)

General

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

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

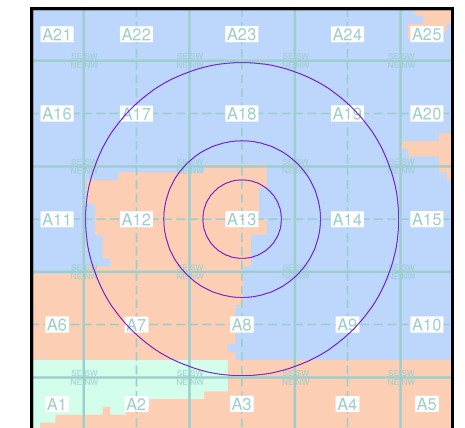
- Standard Contour
- Master Contour
- Spot Height
- MLW - Mean Low Water
- MHW - Mean High Water

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

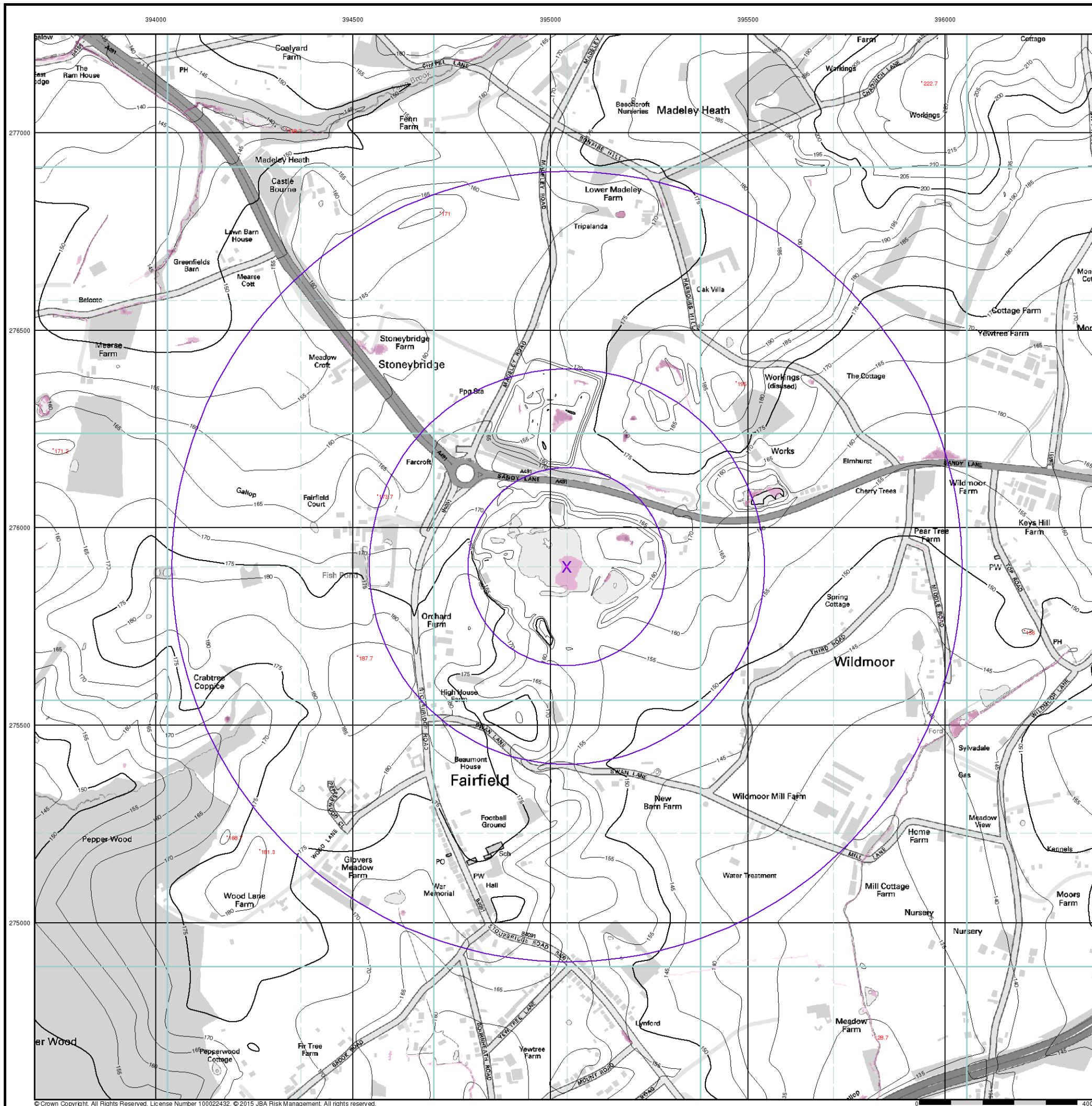


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR

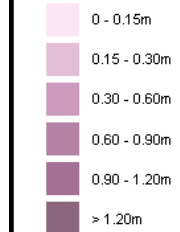


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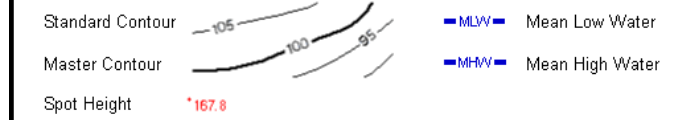
EANRW Surface Water 100 Year Return Depth Map

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

Surface Water Depth



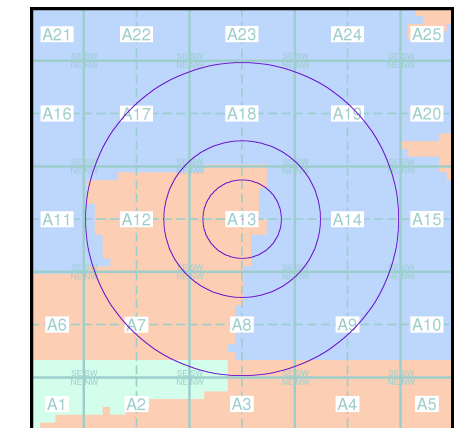
Contours (height in metres)



Suitability



EANRW Suitability Map - Slice A

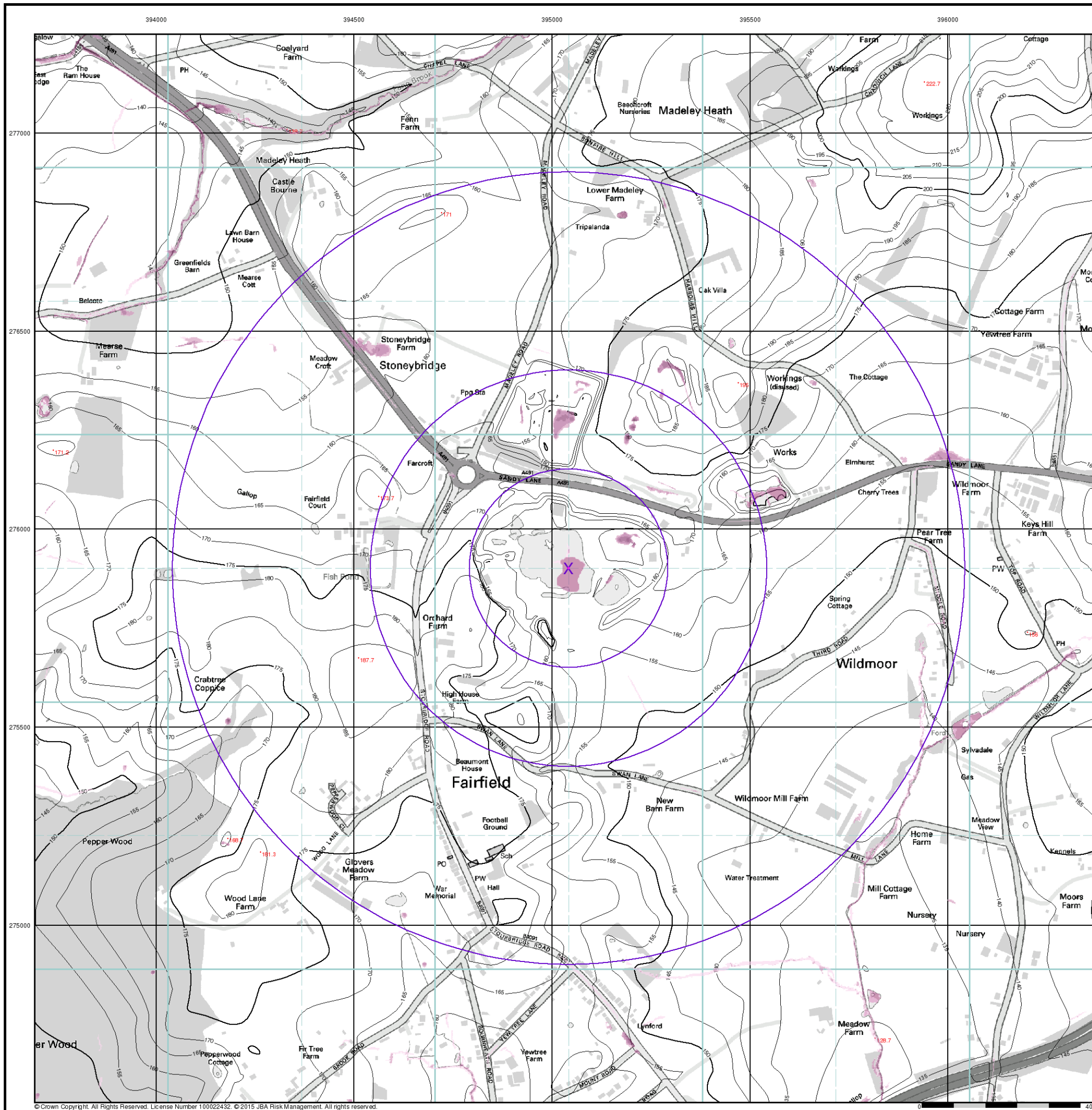


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

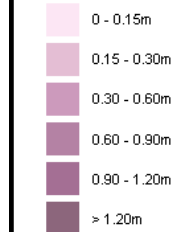
Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR



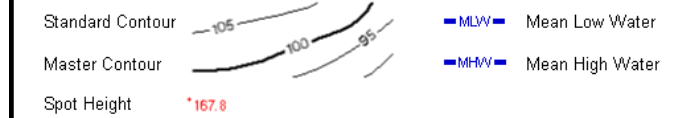
EANRW Surface Water 1000 Year Return Depth Map (1:10,000)

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

Surface Water Depth



Contours (height in metres)

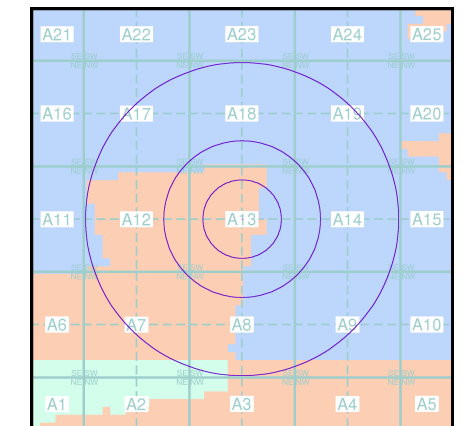


Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

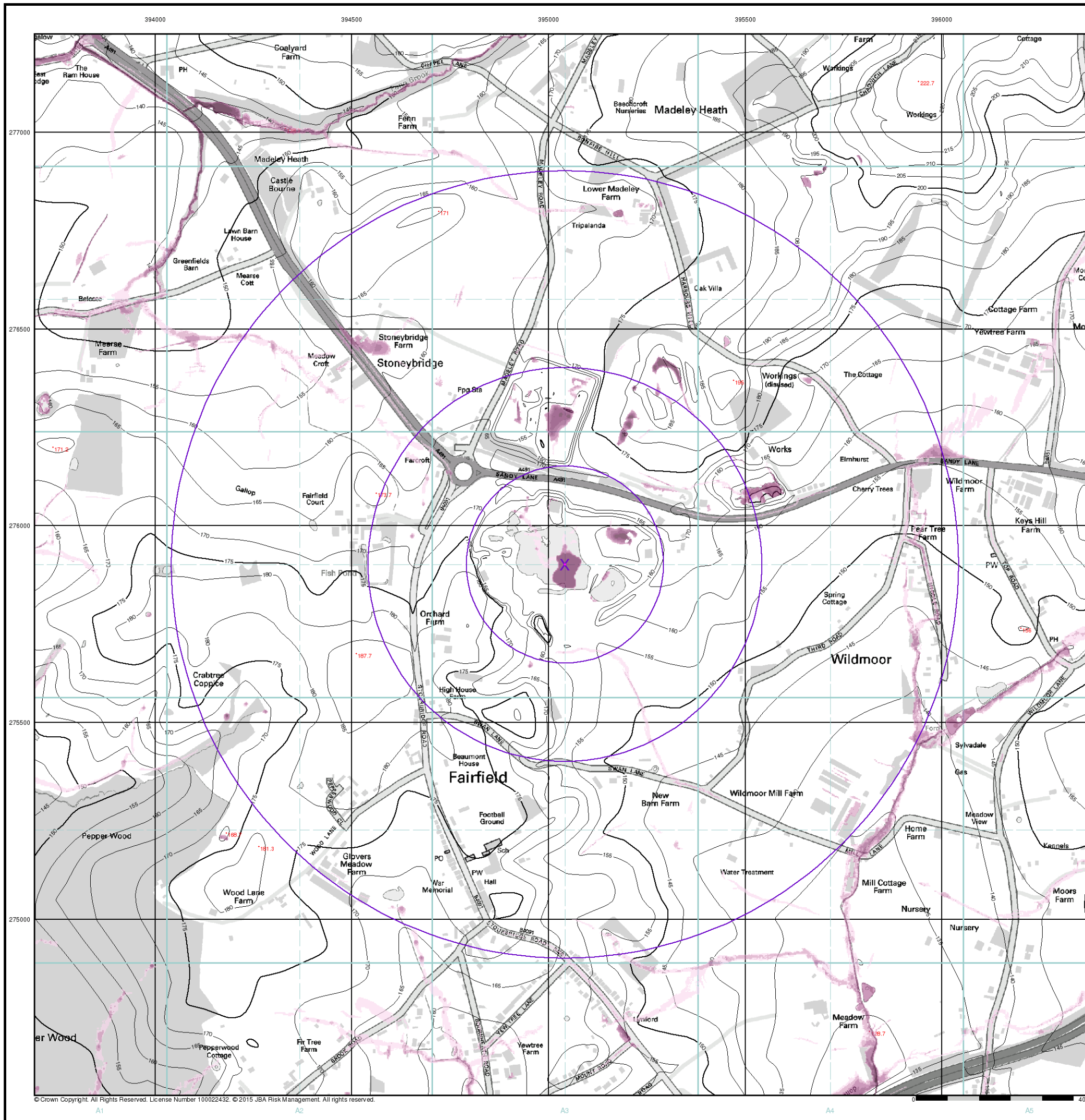


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 Slice: A
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EANRW Surface Water 30 Year Return Velocity and Flow Direction Map (1:10,000)

General

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

Surface Water Velocity and Direction

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

Contours (height in metres)

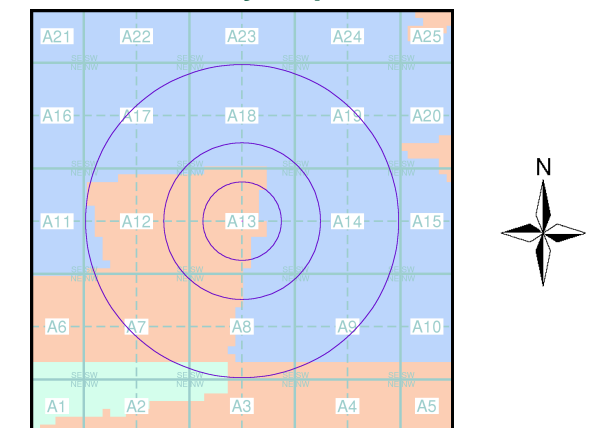
- Standard Contour
- Master Contour
- Spot Height
- MLW - Mean Low Water
- MHW - Mean High Water

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

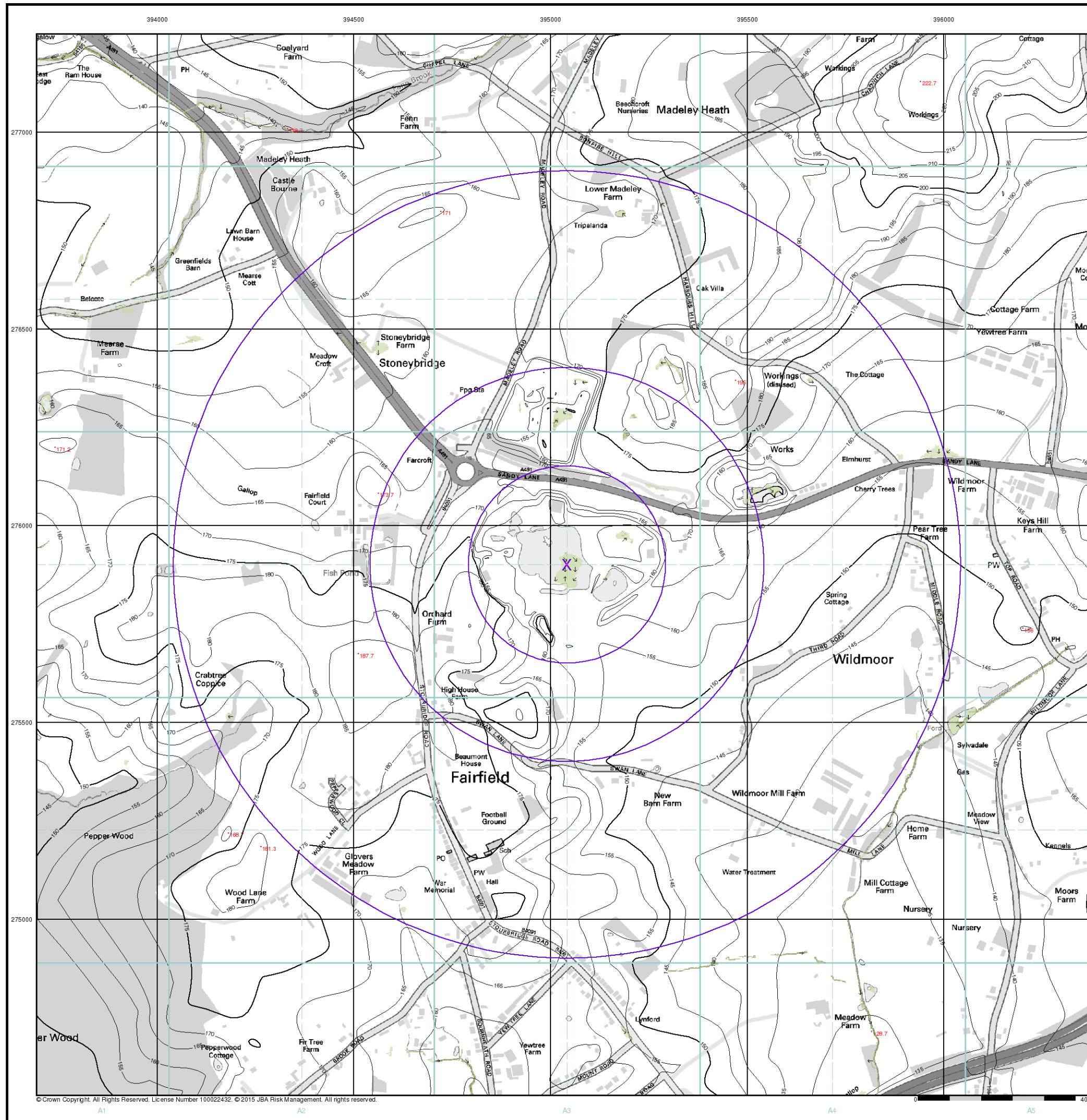


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR



EANRW Surface Water 100 Year Return Velocity and Flow Direction Map (1:10,000)

General

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

Surface Water Velocity and Direction

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

Contours (height in metres)

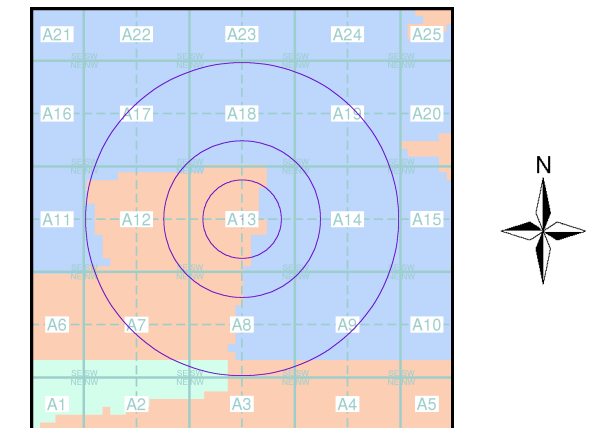
- Standard Contour
- Master Contour
- Spot Height
- MLW - Mean Low Water
- MHW - Mean High Water

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

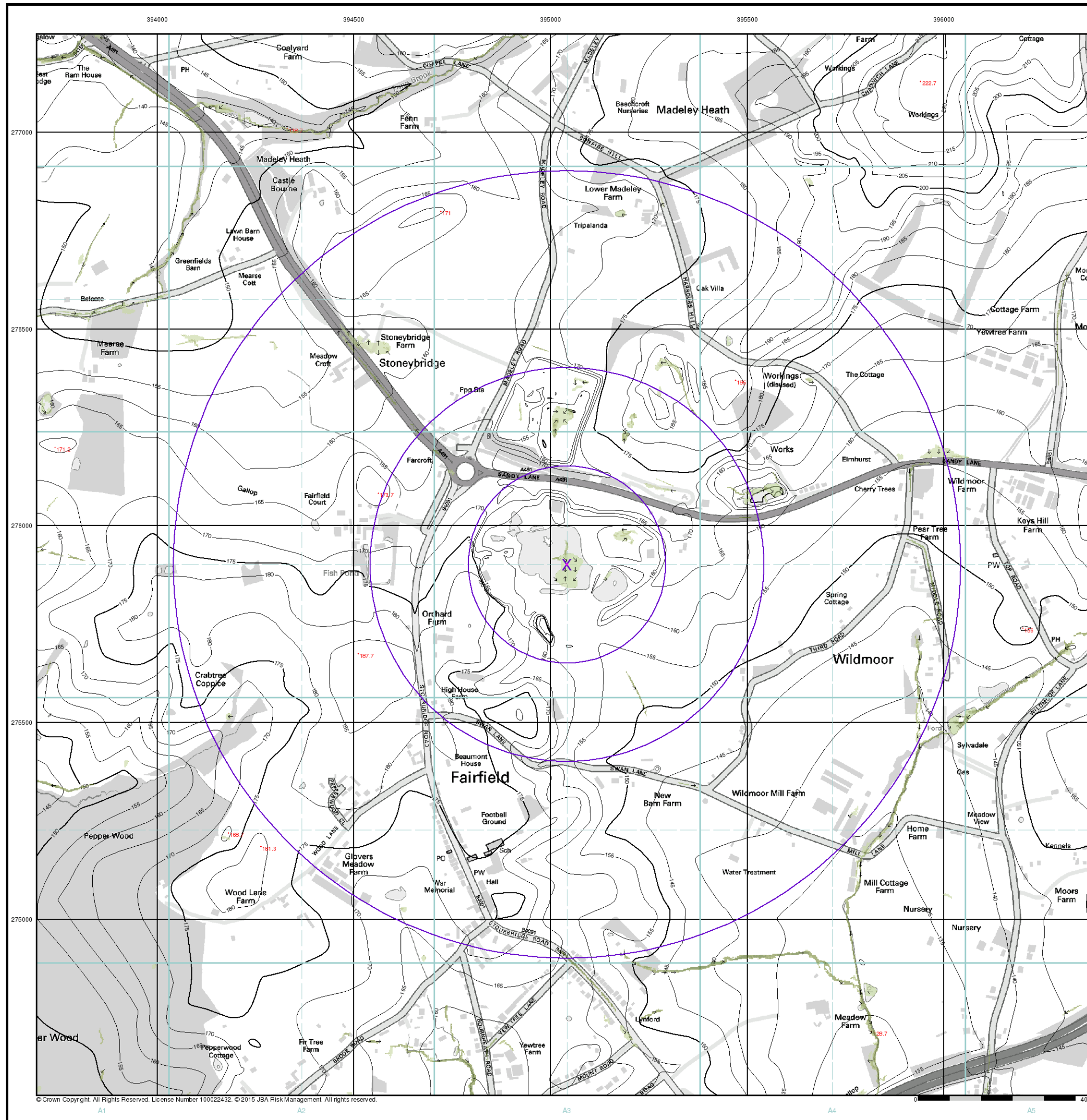


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

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

General
 Specified Site (pink circle) Specified Buffer(s) (purple circle) Bearing Reference Point (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 | |

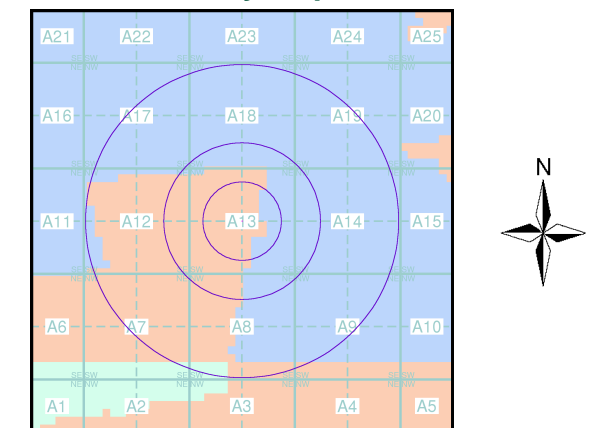
Contours (height in metres)

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

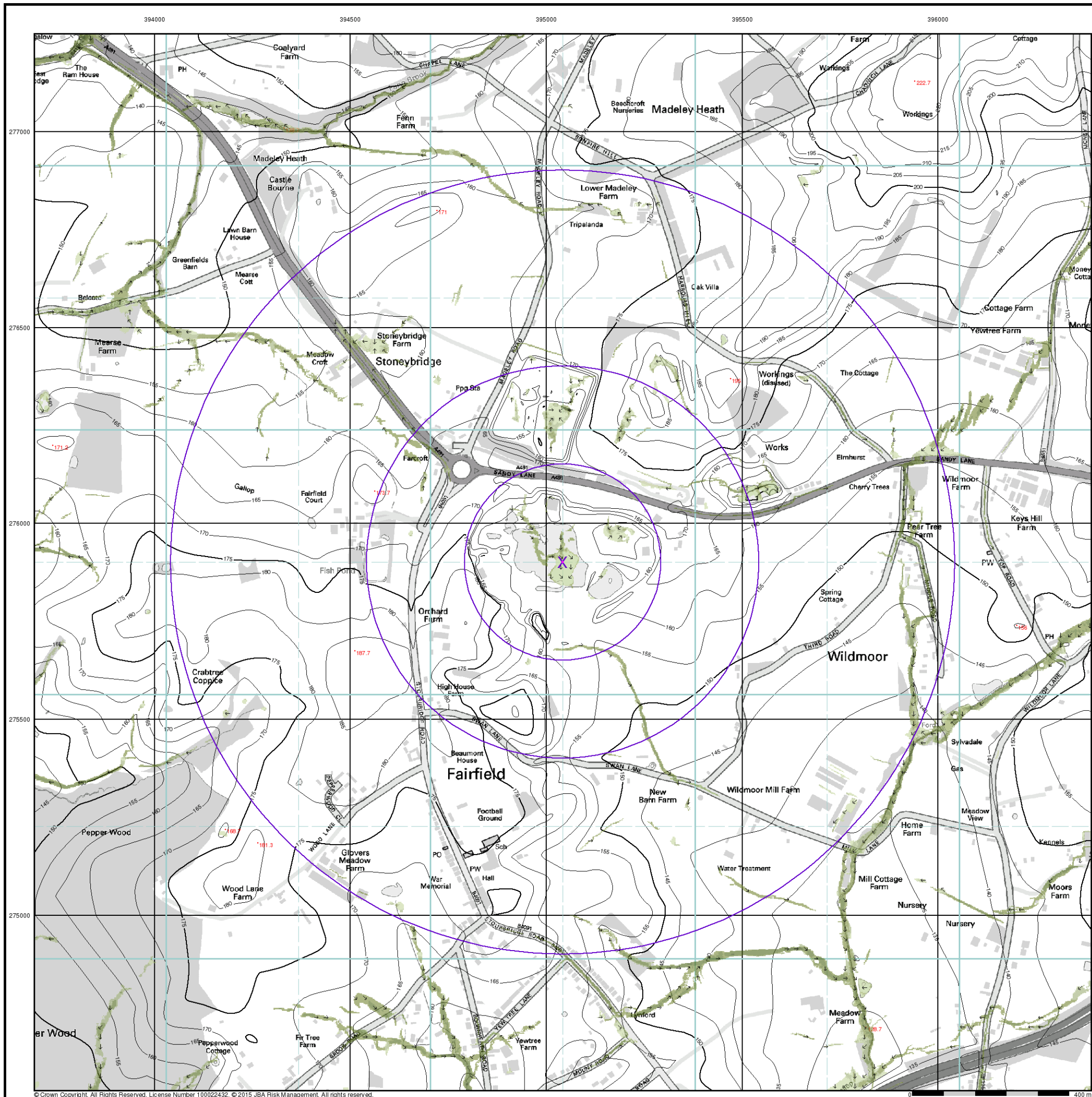
| | |
|--------------------|---------------------------|
| National to county | Street to parcels of land |
| County to town | Property |
| Town to street | |

EANRW Suitability Map - Slice A



Order Details
 Order Number: 92857111_1_1
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 Search Buffer (m): 1000

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EANRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

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

Surface Water Hazard Rating

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

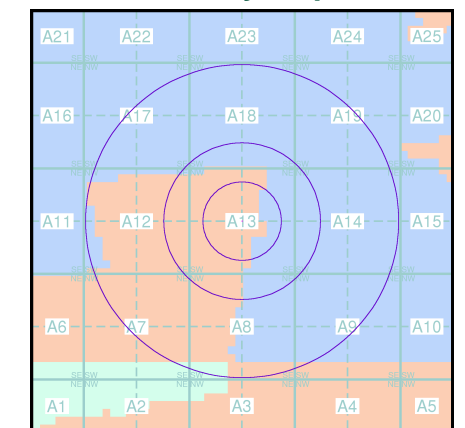
Contours (height in metres)

- Standard Contour (105, 100, 95)
- Master Contour (105, 100, 95)
- Spot Height (*171.2, *171.4, *171.7, *177.2, *187.7, *181.3, *168.7, *222.7, *167.8, *229.7)
- MLW Mean Low Water
- MHW Mean High Water

Suitability

- See the suitability map below
- National to county (light green)
 - County to town (orange)
 - Town to street (blue)
 - Street to parcels of land (pink)
 - Property (yellow)

EANRW Suitability Map - Slice A

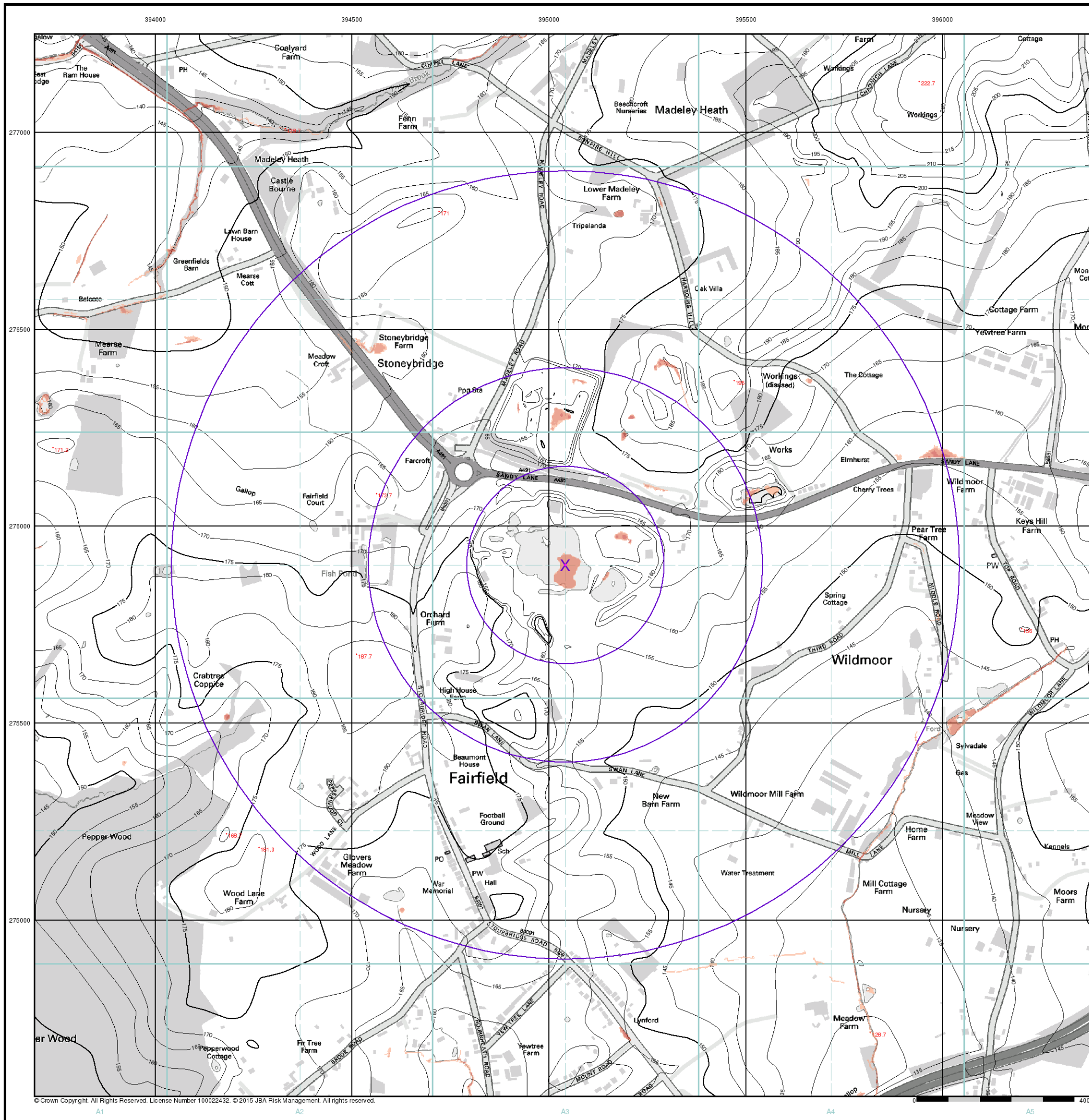


Order Details

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 Slice: A
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EANRW Surface Water 100 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)

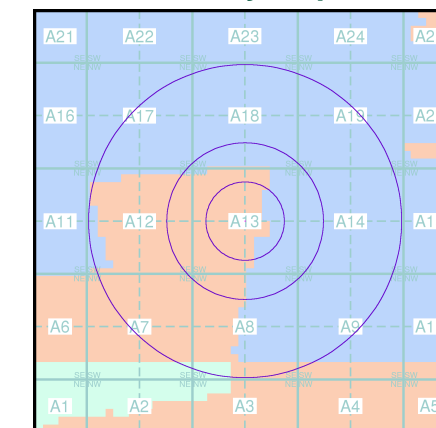
Contours (height in metres)

- Standard Contour
- 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

EANRW Suitability Map - Slice A

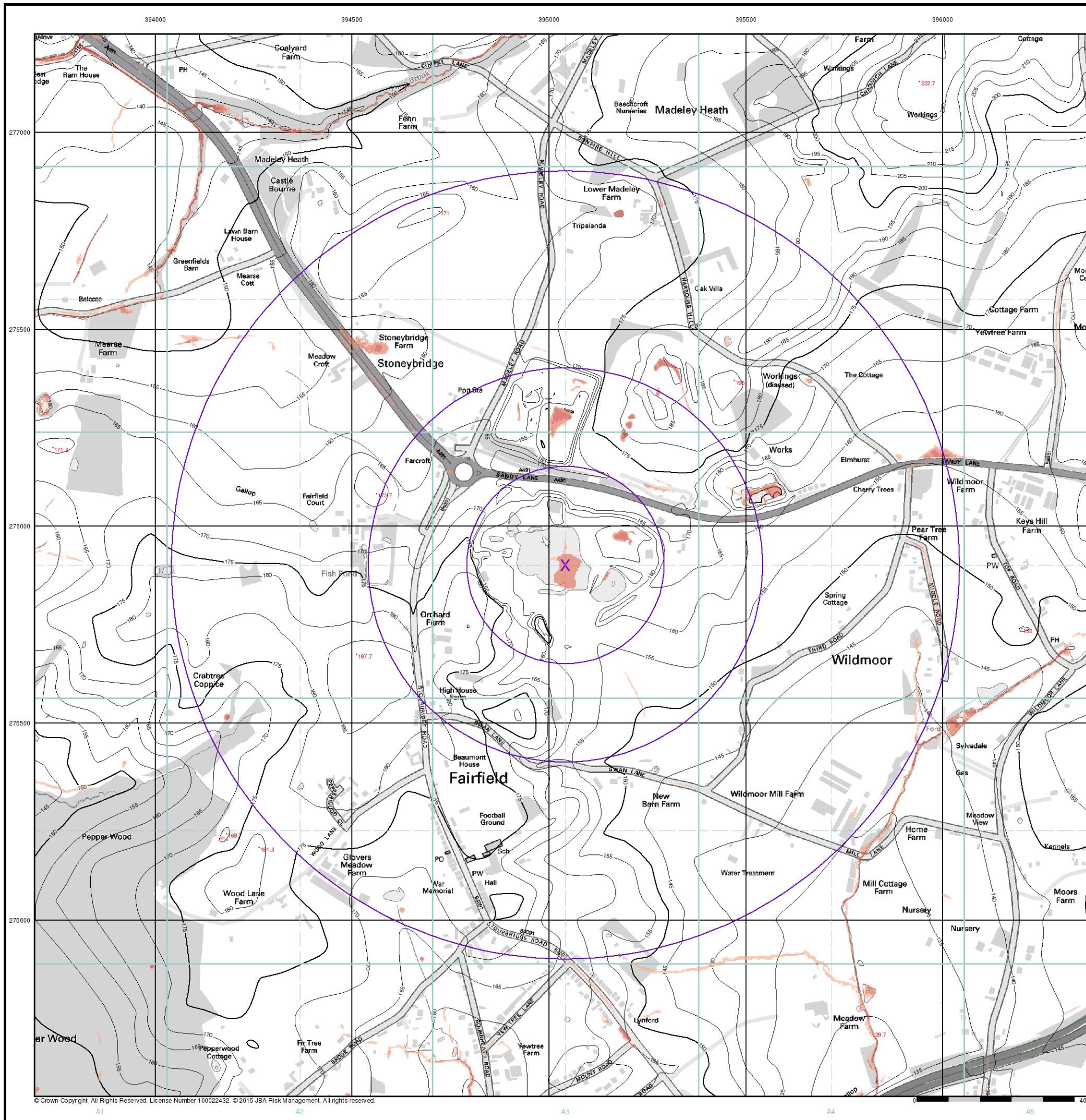


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EANRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

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

Surface Water Hazard Rating

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

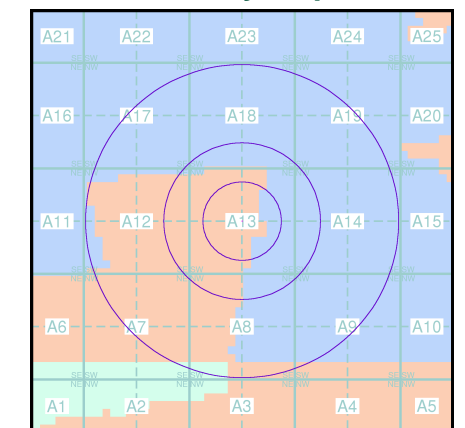
Contours (height in metres)

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

Suitability

- See the suitability map below
- National to county (light green)
 - County to town (orange)
 - Town to street (blue)
 - Street to parcels of land (pink)
 - Property (yellow)

EANRW Suitability Map - Slice A

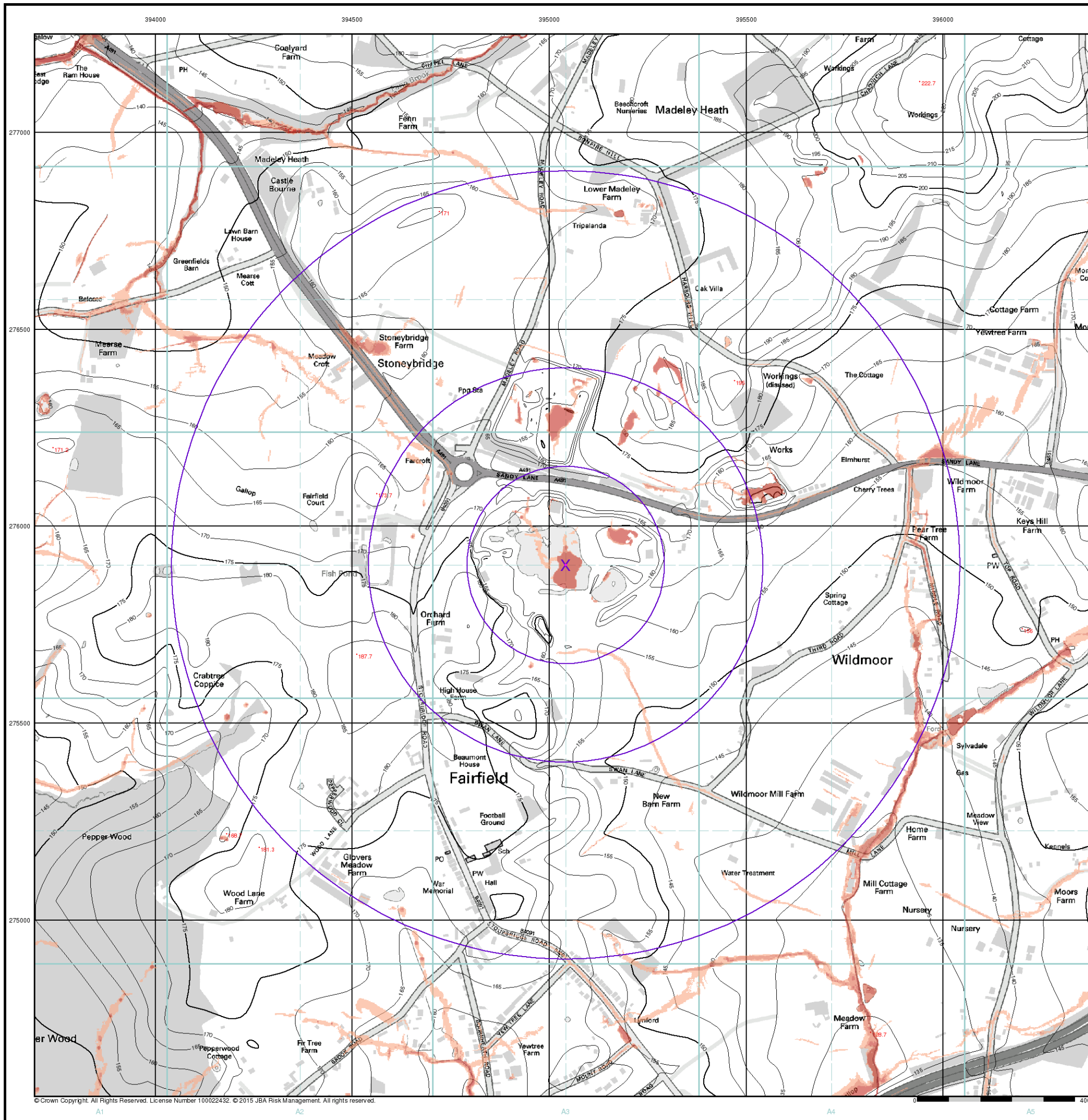


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Detailed River Network Map (1:10,000)

General

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

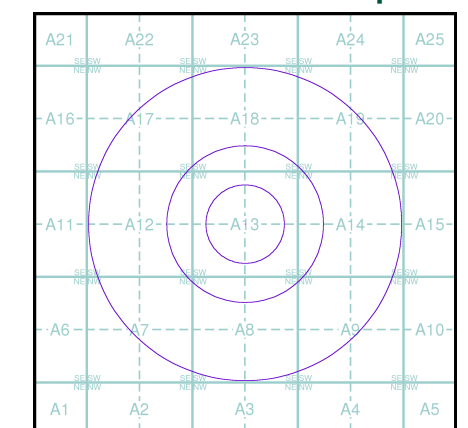
Detailed River Network Data

- | | |
|----------------------|---|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Source | Not assigned River feature |
| Junction | Pseudo Node (general) |
| Sink | Pseudo Node (High Water Mark) |
| Non-interactive Node | Pseudo Node (OS MasterMap polygon boundary) |

Contours (height in metres)

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

Detailed River Network Map - Slice A

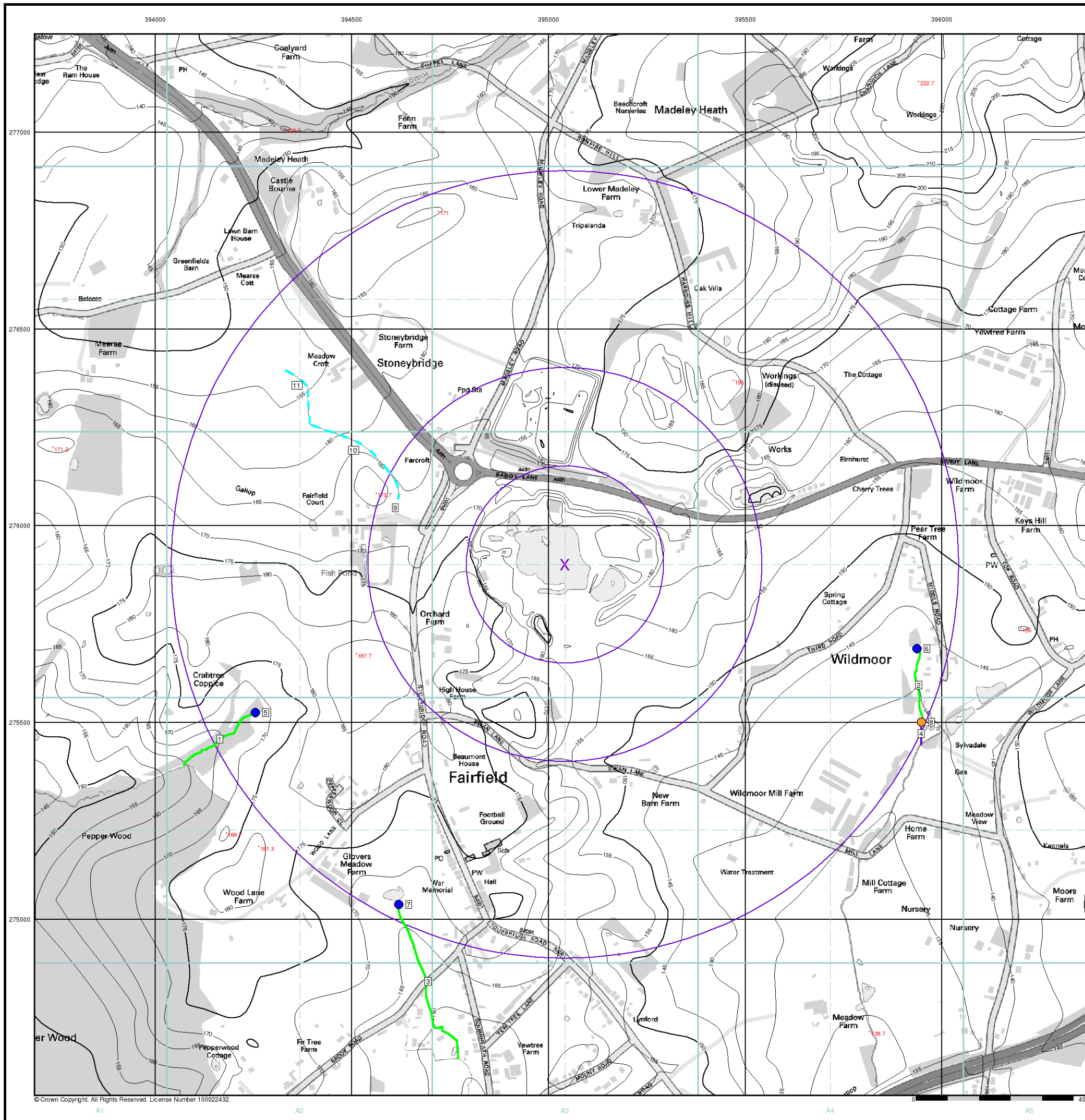


Order Details

Order Number: 92857111_1_1
 Customer Ref: ARM/WQ/1/2016
 National Grid Reference: 395040, 275900
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Allied Wastes, Cinetic Quarries, Sandy Lane, Wildmoor, BROMSGROVE, Worcestershire, B61 0QR



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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

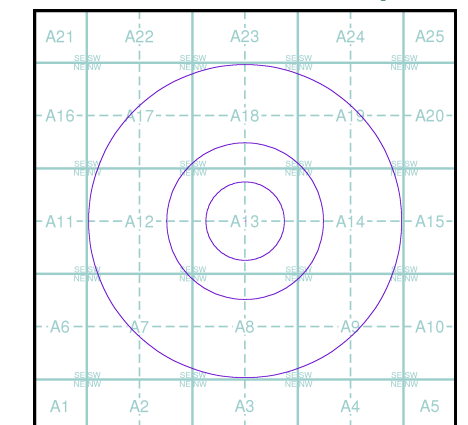
- | | |
|--|---------------------------------------|
| Channel Capacity Exceeded (no raised defences) | Obstruction/Blockage - Culvert |
| Groundwater/High Water Table | Obstruction/Blockage - Debris Screen |
| Local Drainage/Surface Water | Operational Failure/Breach of Defence |
| Mechanical Failure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

Historical Flood Liabilities

Contours (height in metres)

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

EANRW Historic Flood Map - Slice A

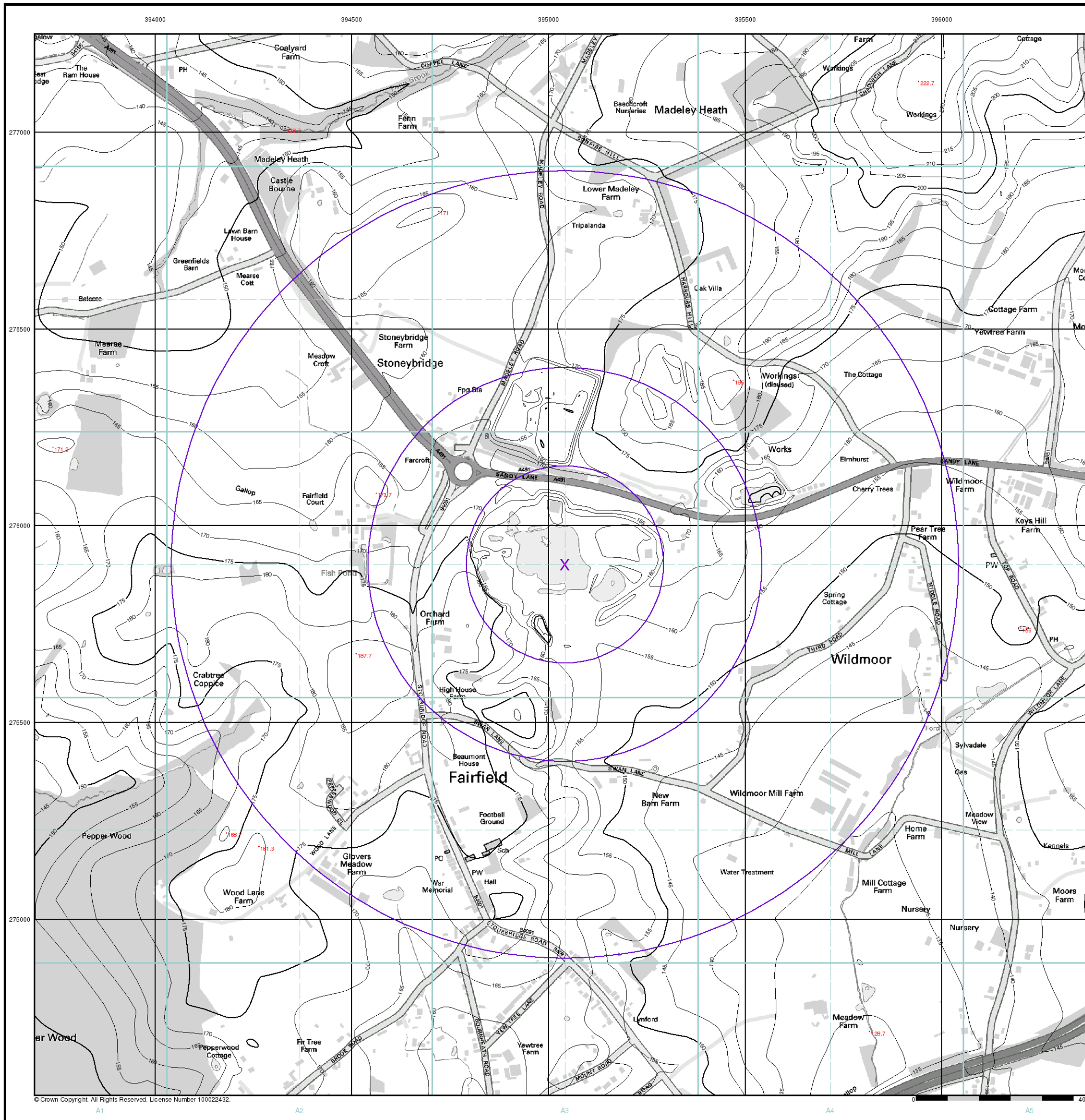


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