

**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

Ordinary Watercourse

Internal Drainage Board Watercourse

Precipitation - manually read

Precipitation - recording

River flow - continuous

Surface water level (including tide)

Rainfall

River Flow

Kilometres

0

0.5

1

2

A143

A140

A143

A140

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

P01	22/01/2026	RW	JEP	AC	SMG
Rev	Date	By	Chkd	Appd	Authd

Project Name

EcoPower Suffolk Solar

Client

ECOPower SUFFOLK

Drawing Title

Figure 7.10 - Watercourses and surface water hydrometric monitoring sites

Scale at A3

1:50,000

Role

Scoping Report

Suitability

Issued

Project Number

302827-00

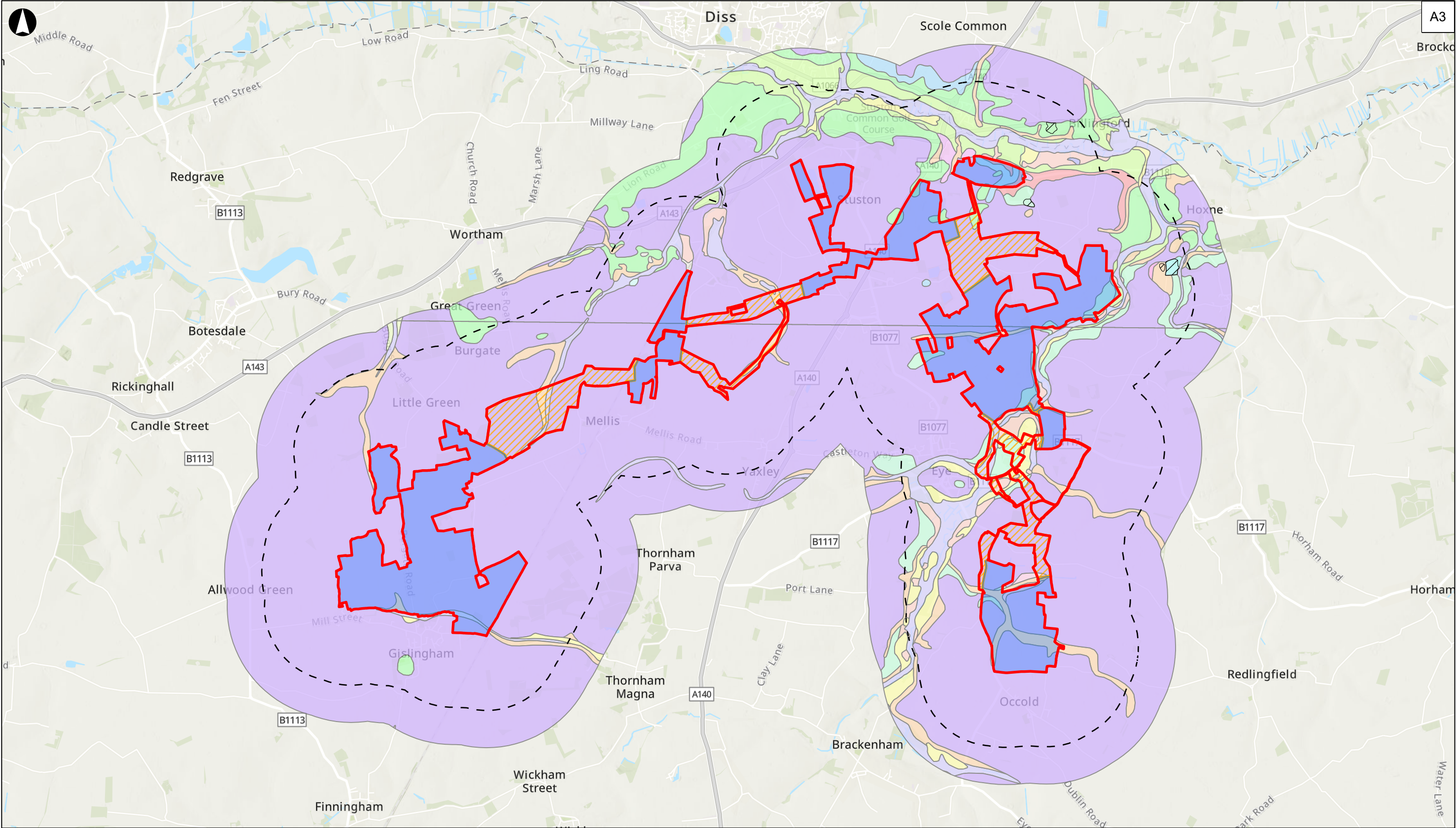
Rev

P01

Drawing Number

YSF-SR-00015





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

BGS Artificial 50k - Worked Ground

BGS Superficial 50k

ALV-XCZSV, Alluvium

CXSG-XSV, Croxton Sand And Gravel Member

HEAD-XCZSV, Head

HPLO-XCZ, Happisburgh Glacial Formation And Lowestoft Formation (Undifferentiated)

IGLD-XCZ, Interglacial lacustrine deposits

ISAG-XSV, Ingham Sand and Gravel Formation

KGCA-XSV, Kesgrave Catchment Subgroup

LFSC-XCZS, Lodge Farm Silt And Clay Member

LOFT-DMTN, Lowestoft Formation

LOFT-XCZ, Lowestoft Formation

LOFT-XSV, Lowestoft Formation

PEAT-P, Peat

RTD1-XSV, River Terrace Deposits, 1

RTD2-XSV, River Terrace Deposits, 2

RTD3-XSV, River Terrace Deposits, 3

SLM-CLSH, Shell marl

TUFA-CATUFA, Tufa

Scale at A3  
**1:50,000**

Role  
**Scoping Report**

Suitability  
**Issued**

Project Number  
**302827-00**

Drawing Number  
**YSF-SR-00016**

Rev  
**P01**

Coordinate System: British National Grid

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Project Name  
**EcoPower Suffolk Solar**

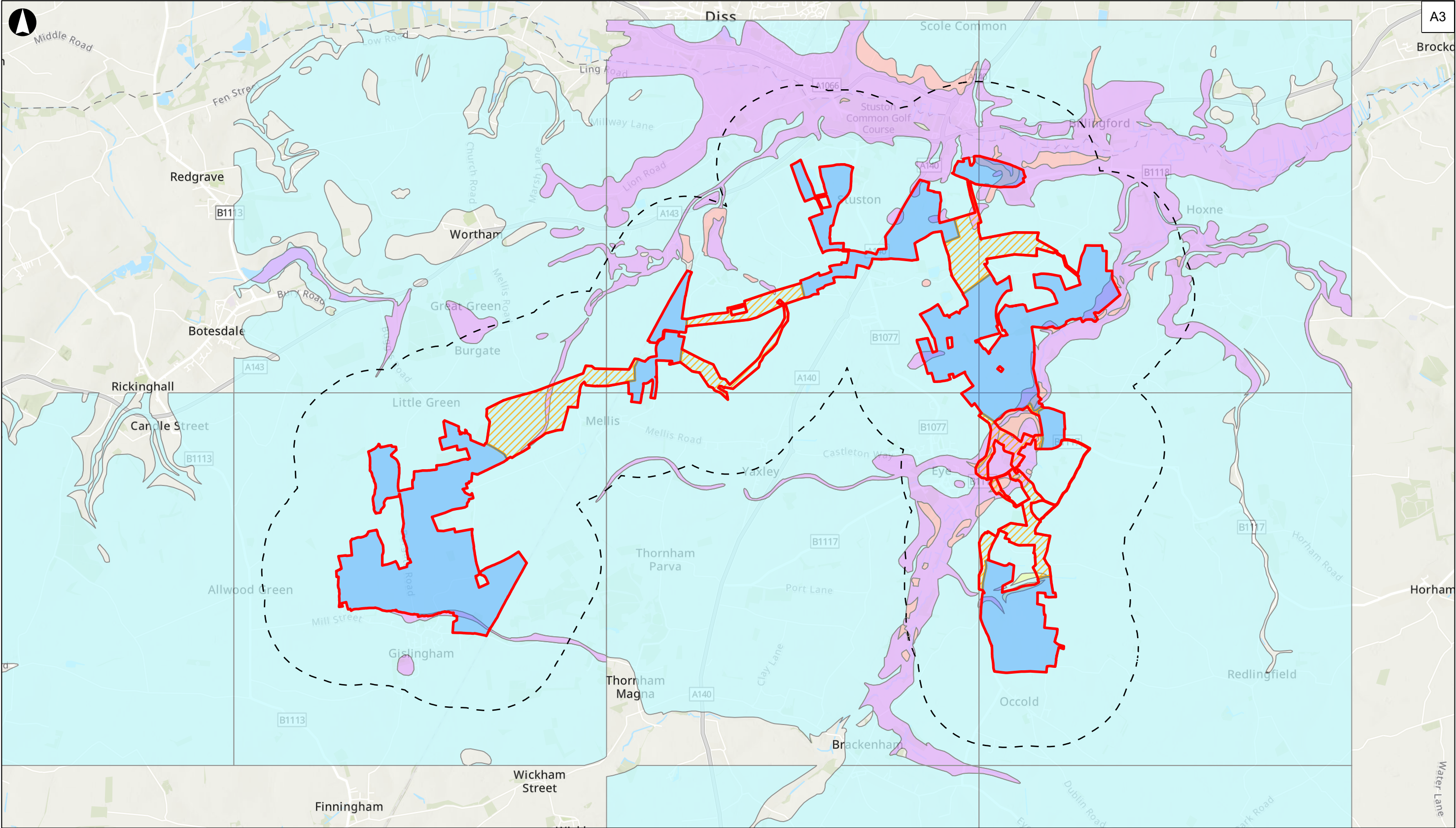
Client  
**ECOPower SUFFOLK**

Drawing Title  
**Figure 7.11 - Superficial Geology**









**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Aquifer Designations Superficial

Secondary (undifferentiated)

Secondary A

Secondary B

Unproductive

All bedrock in Study Area is Principal Aquifer.

0

0.5

1

2

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © British Geological Survey

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Project Name

**EcoPower Suffolk Solar**

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**ECOPower SUFFOLK**

Drawing Title

**Figure 7.13 - Aquifer Designations**

Scale at A3

**1:50,000**

Role

**Scoping Report**

Suitability

**Issued**

Project Number

**302827-00**

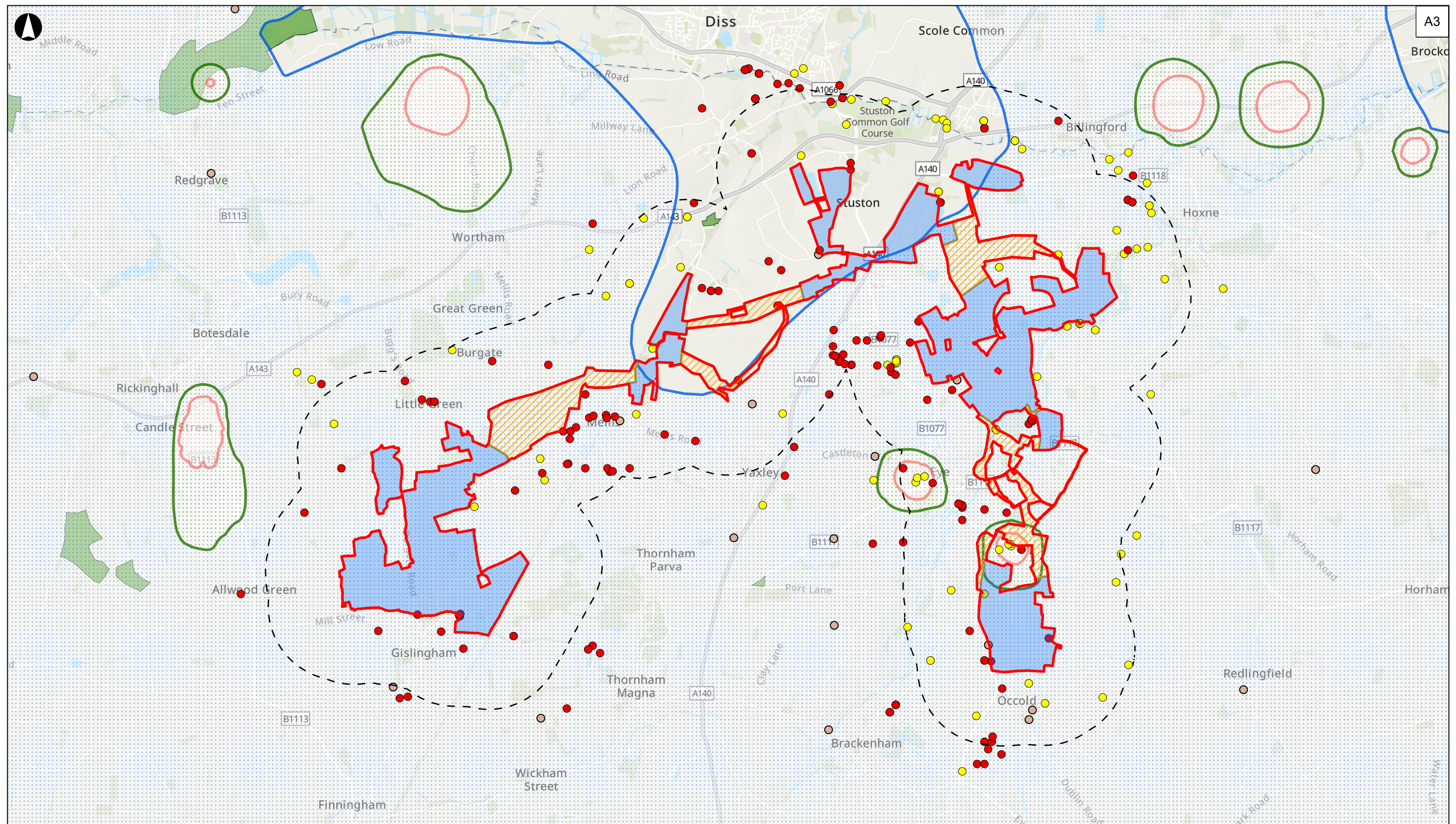
Rev

**P01**

Drawing Number

**YSF-SR-00018**





**Legend**

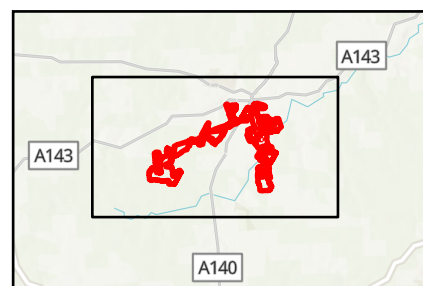
- Draft Order Limits
- Draft Order Limits 1km Buffer
- Principal Area
- Cable Corridor
- Groundwater Dependent Terrestrial Ecosystems
- Consented Discharges
- Licenced Abstractions
- Hydrometric Monitoring Points
- Groundwater Dipped Only

**Source Protection Zones**

- Zone I - Inner Protection Zone
- Zone I (1c)
- Zone II - Outer Protection Zone
- Zone 2 (2c)
- Zone III - Total Catchment
- Zone 3 (3c)
- Zone of Special Interest

**Kilometres**

0 0.5 1



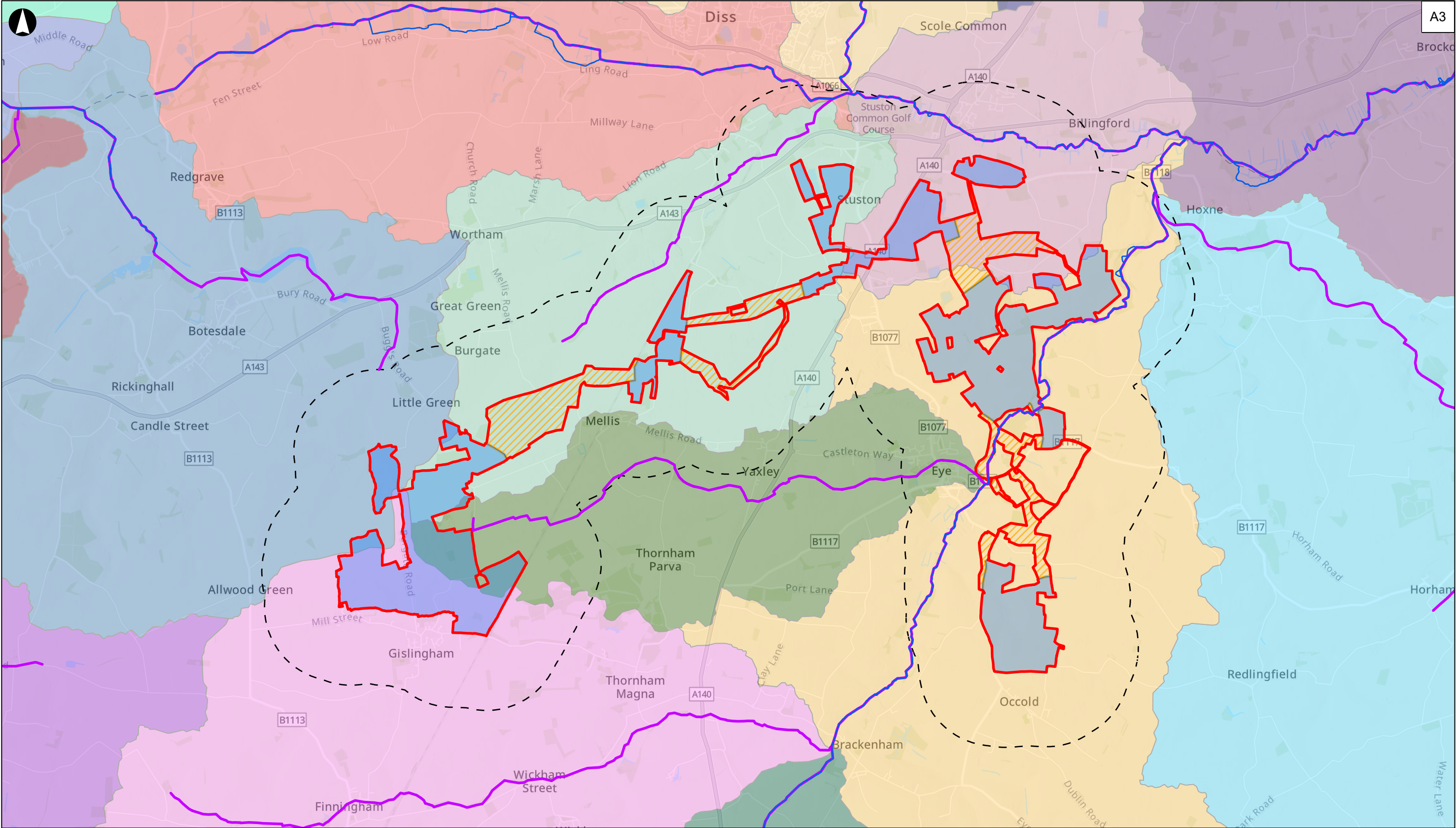
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Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Rev	Date	By	Chkd	Appd	Authd

Project Name	Client	Scale at A3
<b>EcoPower Suffolk Solar</b>	<b>ECOPower SUFFOLK</b>	<b>1:50,000</b>
Drawing Title		Role
<b>Figure 7.14 - Hydrogeological Features and Designations</b>		<b>Scoping Report</b>
Suitability		Issued
Project Number		Rev
<b>302827-00</b>		<b>P01</b>
Drawing Number		
<b>YSF-SR-00019</b>		





Legend

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Waterbody

WFD River Waterbody Catchments

Chickering Beck

Dickleburgh Stream

Dove

Dove trib - Eye

Dove trib - Finningham

Frenze Beck

Little Ouse (Hopton Common to Sapiston Confl)

Little Ouse (Thelnetham to Hopton Common)

Little Ouse (US Thelnetham)

Mendlesham Stream

Stowlangtoft Stream

Thelnetham Brook

Tributary of Upper Waveney

Waveney (Frenze Beck to Dove)

Waveney (R Dove - Starston Brook)

Waveney (u/s Frenze Beck)

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.15 - WFD Surface Water Bodies**

Client  
**ECOPower SUFFOLK**

Scale at A3  
**1:50,000**

Role  
**Scoping Report**

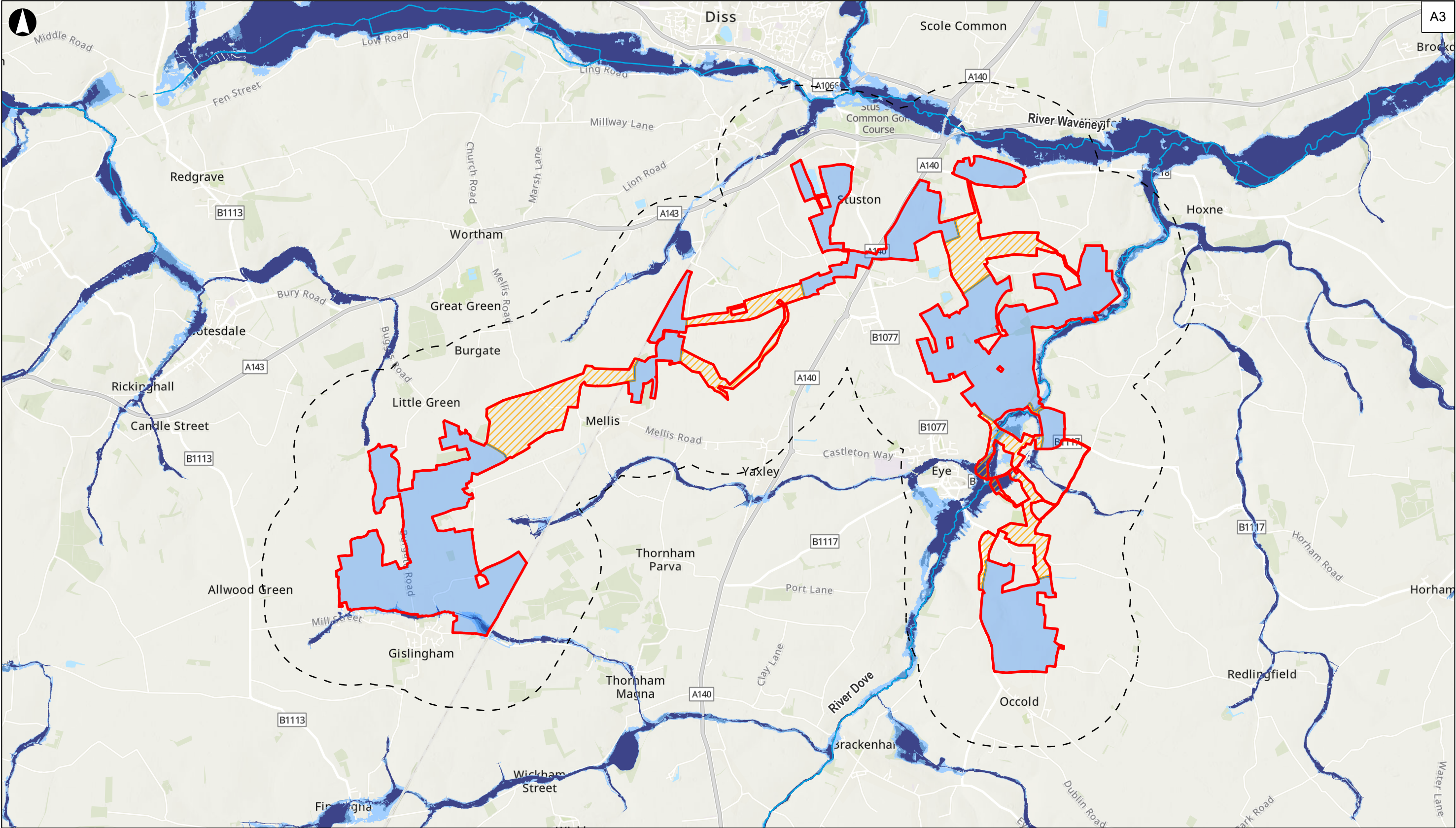
Suitability  
**Issued**

Project Number <b>302827-00</b>	Rev <b>P01</b>
Drawing Number <b>YSF-SR-00020</b>	









**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

**Flood Likelihood Category**

High

Medium

Low

Very Low

0 0.5 1 2

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Rev	Date	By	Chkd	Appd	Authd

Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.17 - Risk of Flooding from Rivers and Sea (Fluvial)**  
**Sheet 1 of 6**

Client  
**ECOPower SUFFOLK**

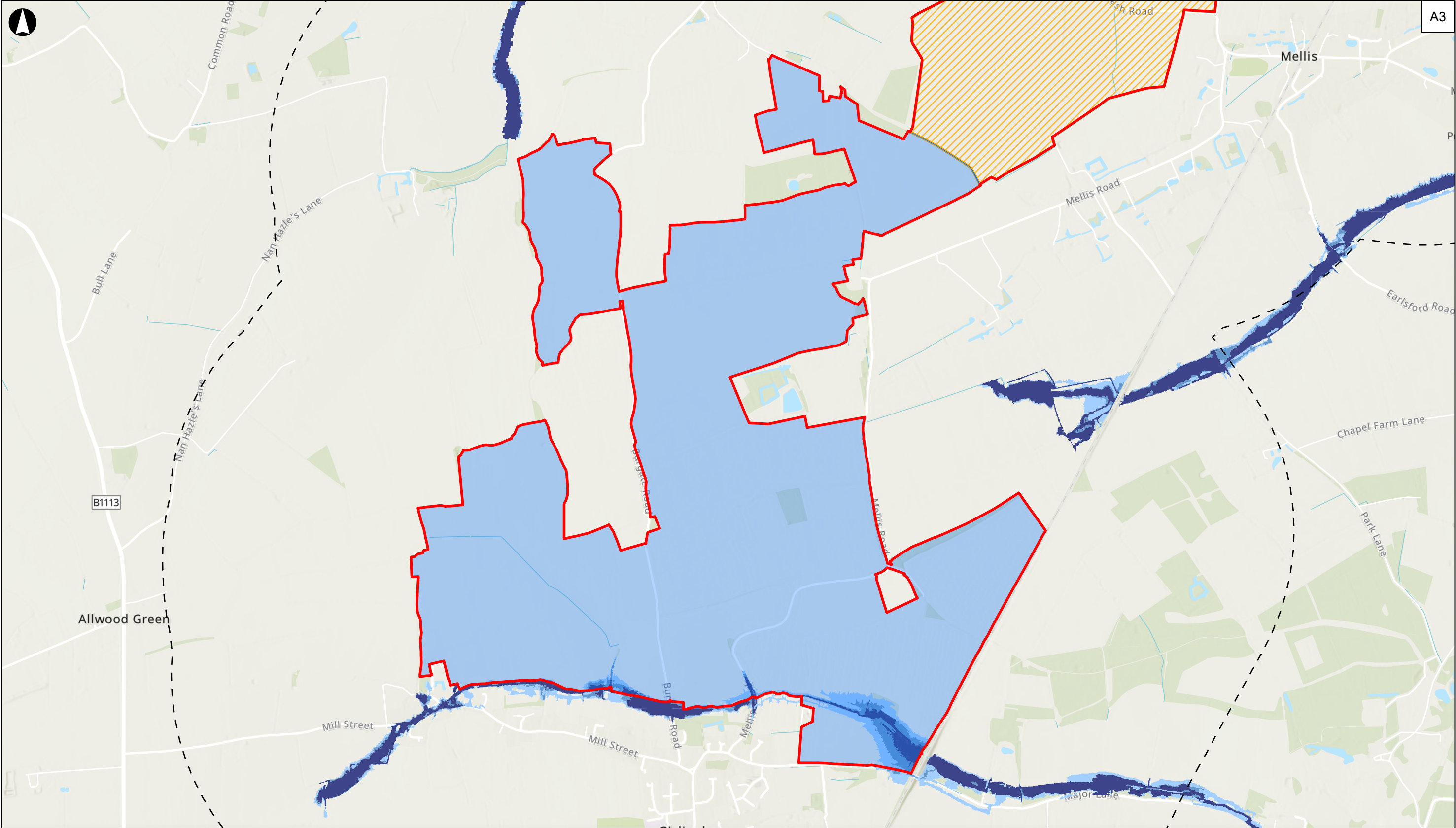
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Role  
**Scoping Report**

Suitability  
**Issued**

Project Number <b>302827-00</b>	Rev <b>P01</b>
Drawing Number <b>YSF-SR-00022</b>	





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

**Flood Likelihood Category**

High

Medium

Low

Very Low

0 0.25 0.5 1

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name

**EcoPower Suffolk Solar**

Drawing Title

**Figure 7.17 - Risk of Flooding from Rivers and Sea (Fluvial)**  
**Sheet 2 of 6**

Client

**ECOPower SUFFOLK**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

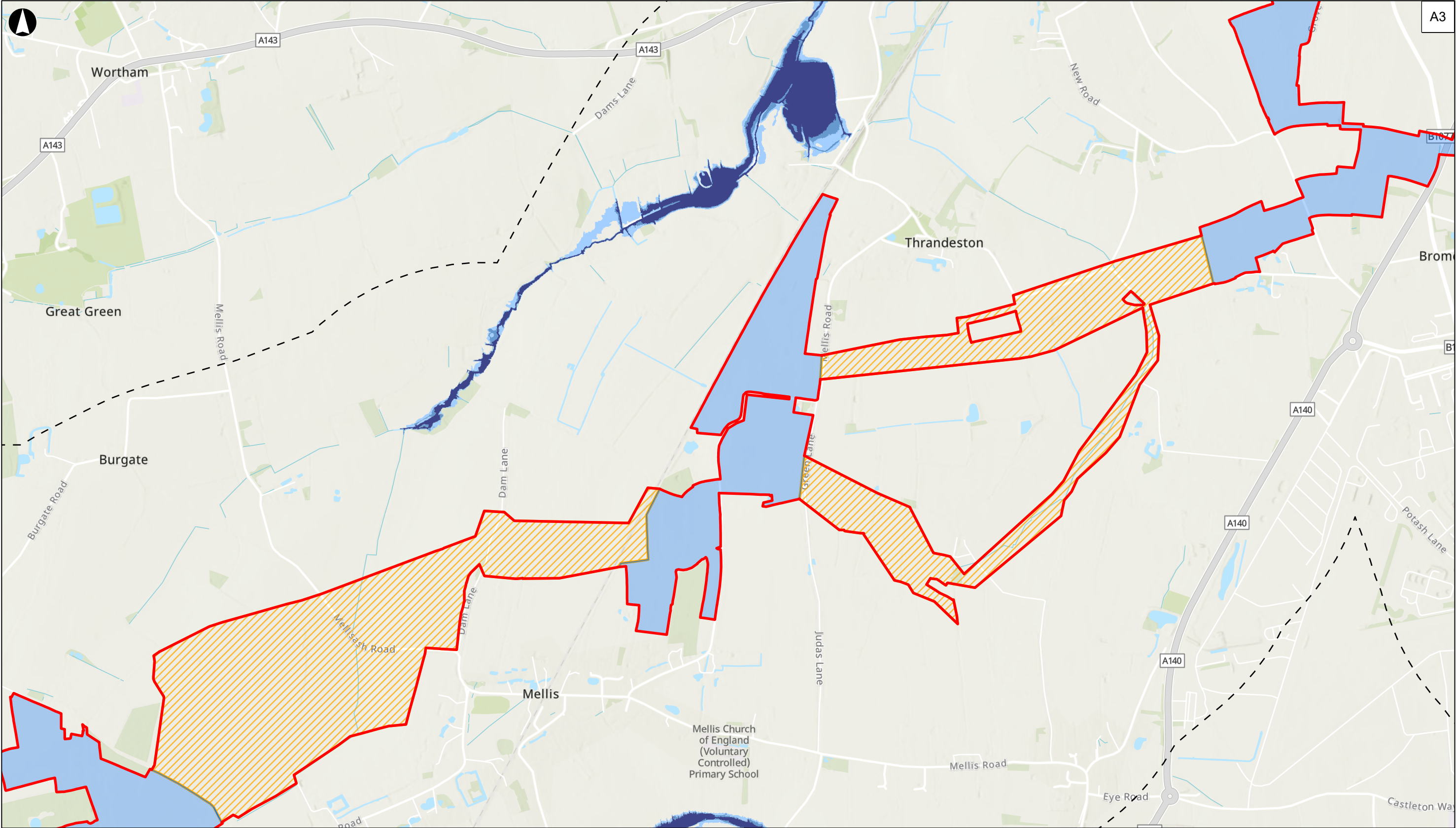
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Project Number	Rev
<b>302827-00</b>	<b>P01</b>

Drawing Number

**YSF-SR-00022**





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

**Flood Likelihood Category**

High

Medium

Low

Very Low

Kilometres

0

0.25

0.5

1

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name

**EcoPower Suffolk Solar**

Client

**ECOPower SUFFOLK**

Drawing Title

**Figure 7.17 - Risk of Flooding from Rivers and Sea (Fluvial)**  
**Sheet 3 of 6**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

**Issued**

Project Number

**302827-00**

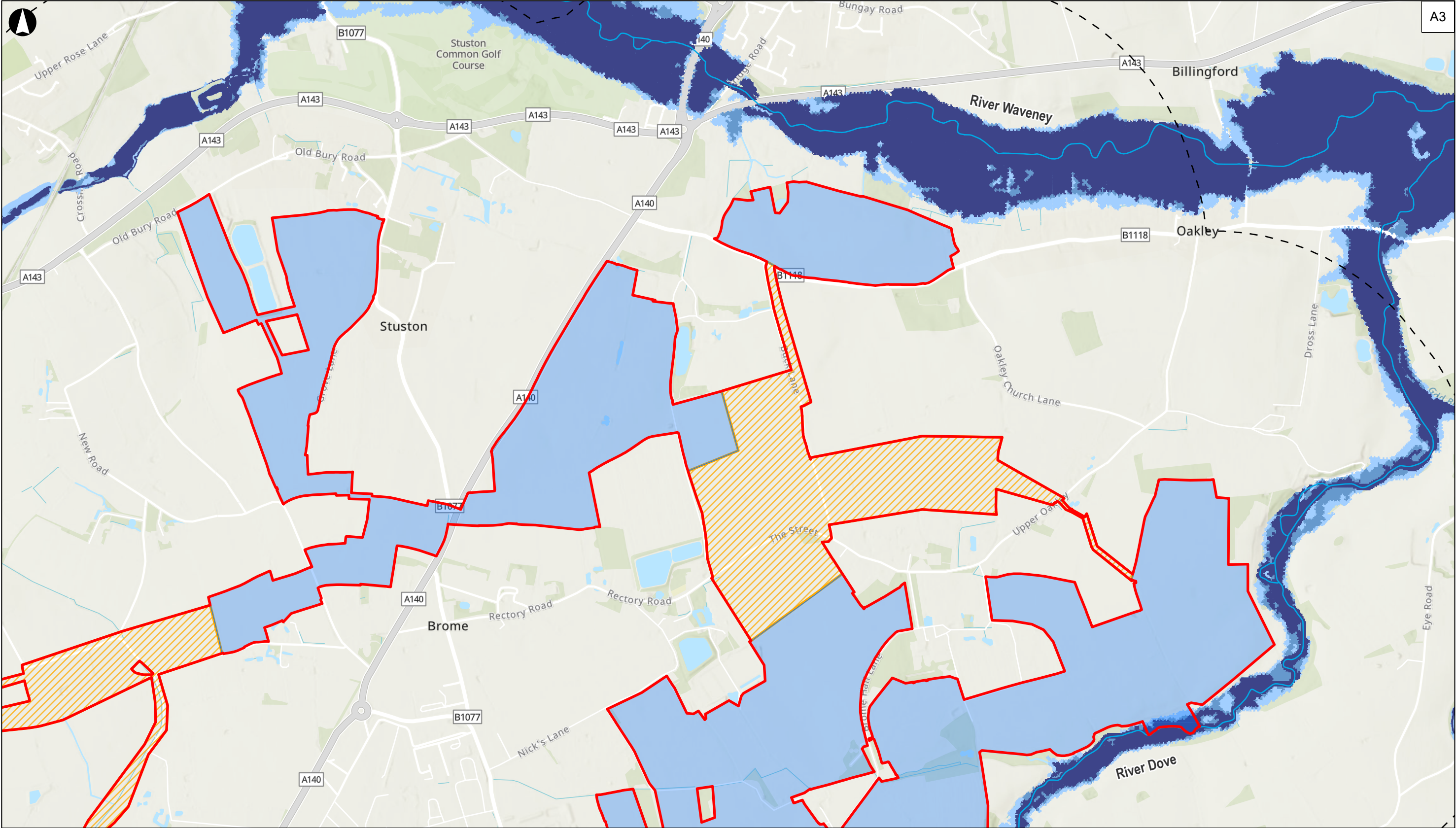
Rev

**P01**

Drawing Number

**YSF-SR-00022**





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

**Flood Likelihood Category**

High

Medium

Low

Very Low

Kilometres

0 0.25 0.5 1

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Rev	Date	By	Chkd	Appd	Authd

Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.17 - Risk of Flooding from Rivers and Sea (Fluvial)**  
**Sheet 4 of 6**

Client  
**ECOPower SUFFOLK**

Project Number <b>302827-00</b>	Rev <b>P01</b>
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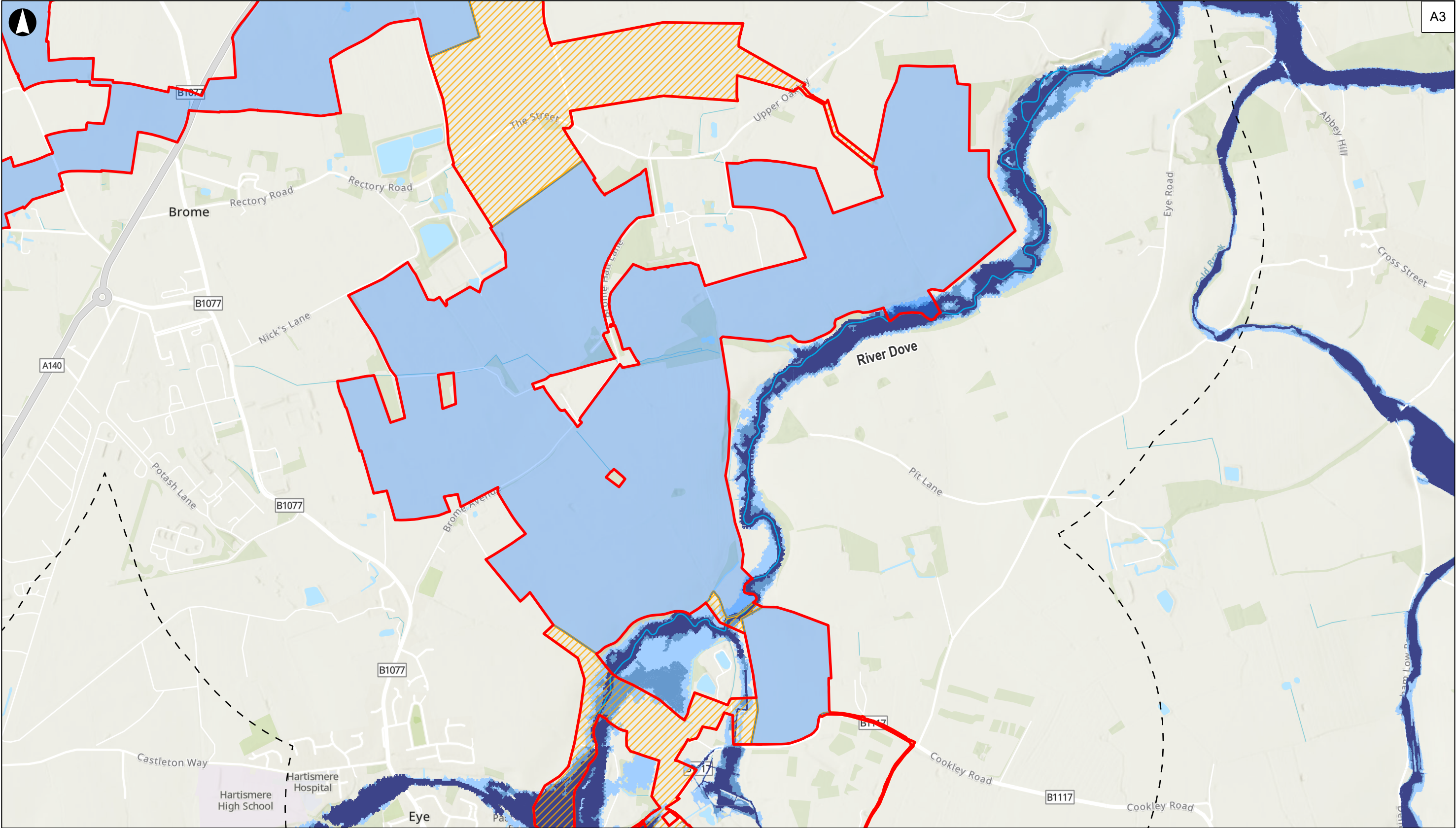
Drawing Number  
**YSF-SR-00022**

Scale at A3  
**1:15,000**

Role  
**Scoping Report**

Suitability  
**Issued**





A3

**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

Main River

**Flood Likelihood Category**

High

Medium

Low

Very Low

0

0.25

0.5

1

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name

**EcoPower  
Suffolk Solar**

Client

**ECO POWER  
SUFFOLK**

Drawing Title

**Figure 7.17 - Risk of Flooding from  
Rivers and Sea (Fluvial)  
Sheet 5 of 6**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

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Project Number

**302827-00**

Rev

**P01**

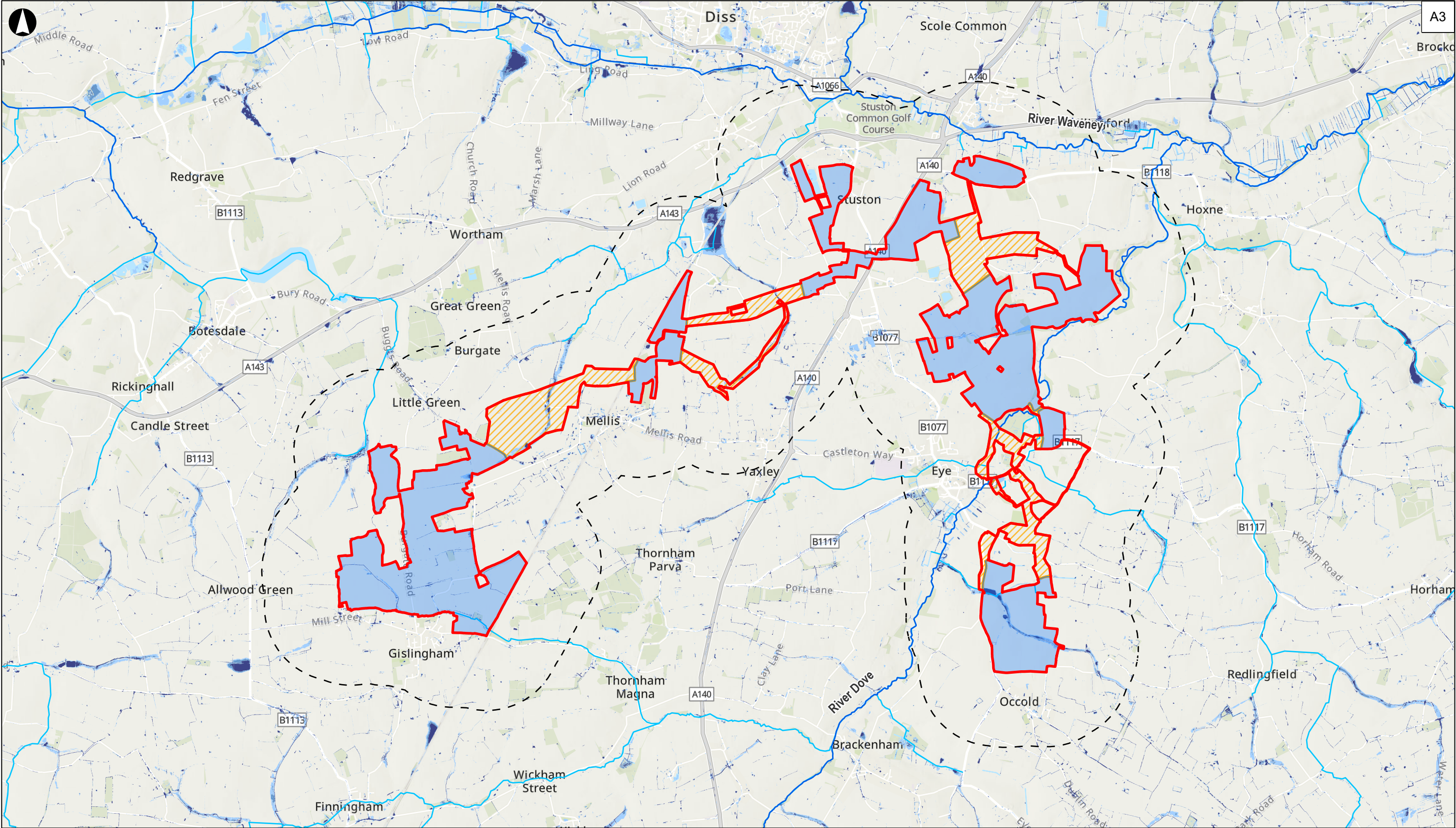
Drawing Number

**YSF-SR-00022**









**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

Risk of Flooding From Surface Water

High

Medium

Low

Very Low

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)  
Sheet 1 of 6**

Client  
**ECOPower SUFFOLK**

Scale at A3  
**1:50,000**

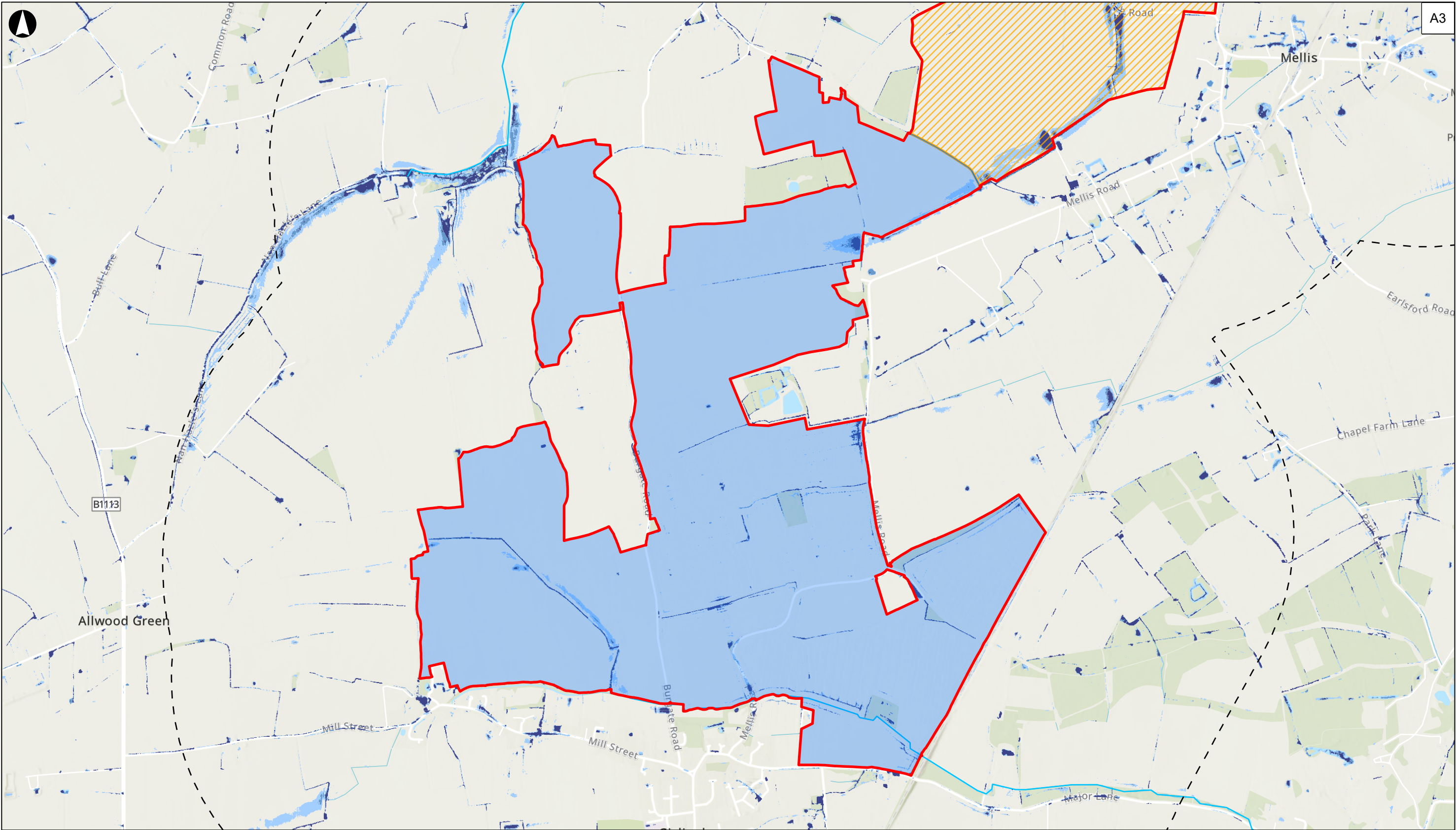
Role  
**Scoping Report**

Suitability  
**Issued**

Project Number <b>302827-00</b>	Rev <b>P01</b>
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Drawing Number  
**YSF-SR-00023**





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

**Risk of Flooding From Surface Water**

High

Medium

Low

Very Low

0

0.25

0.5

1

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)  
Sheet 2 of 6**

Client  
**ECOPower SUFFOLK**

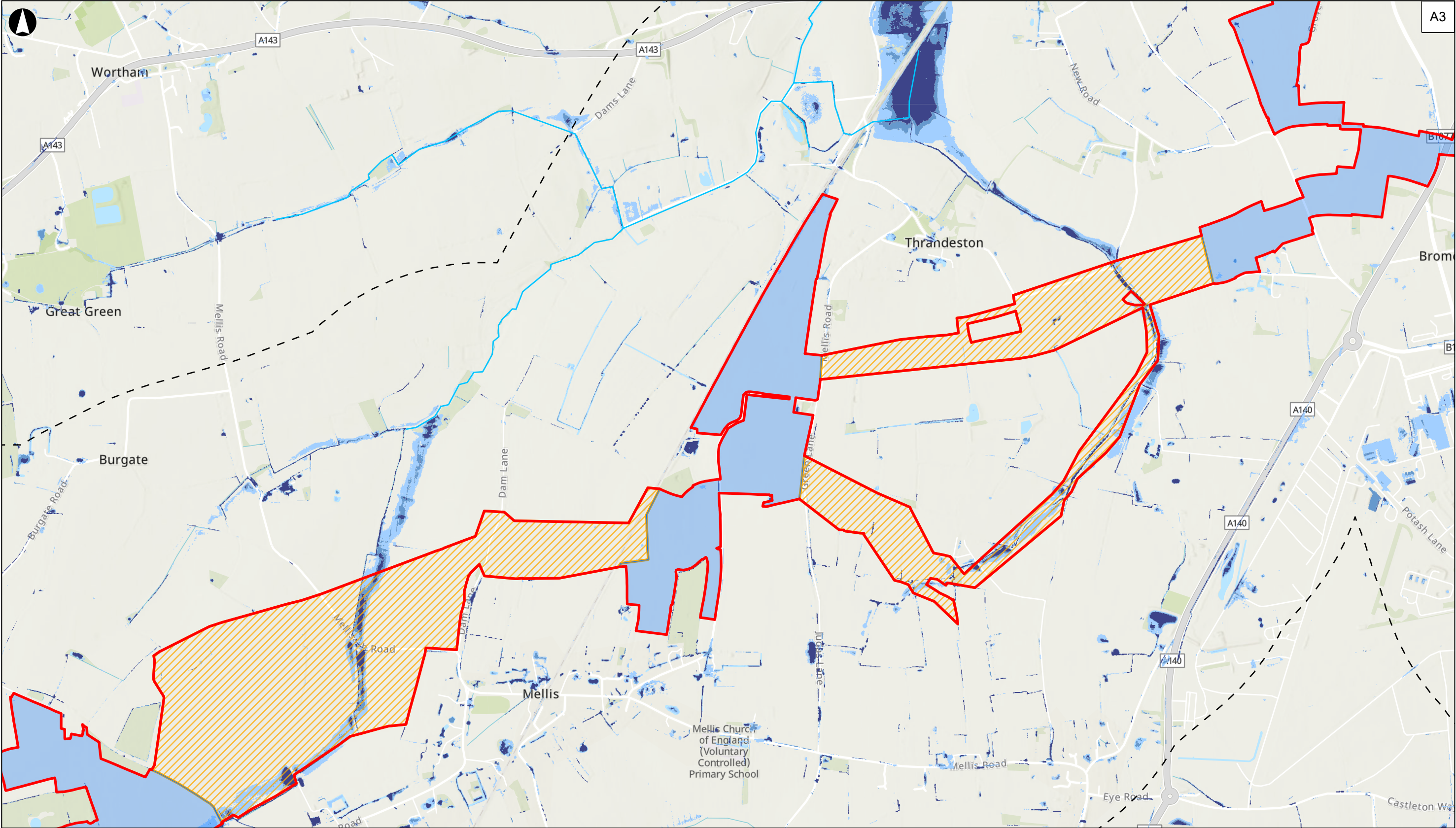
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Role  
**Scoping Report**

Suitability  
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Project Number <b>302827-00</b>	Rev <b>P01</b>
Drawing Number <b>YSF-SR-00023</b>	





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

**Risk of Flooding From Surface Water**

High

Medium

Low

Very Low

Kilometres

0

0.25

0.5

1

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name

**EcoPower Suffolk Solar**

Client

**ECOPower SUFFOLK**

Drawing Title

**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)**

**Sheet 3 of 6**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

**Issued**

Project Number

**302827-00**

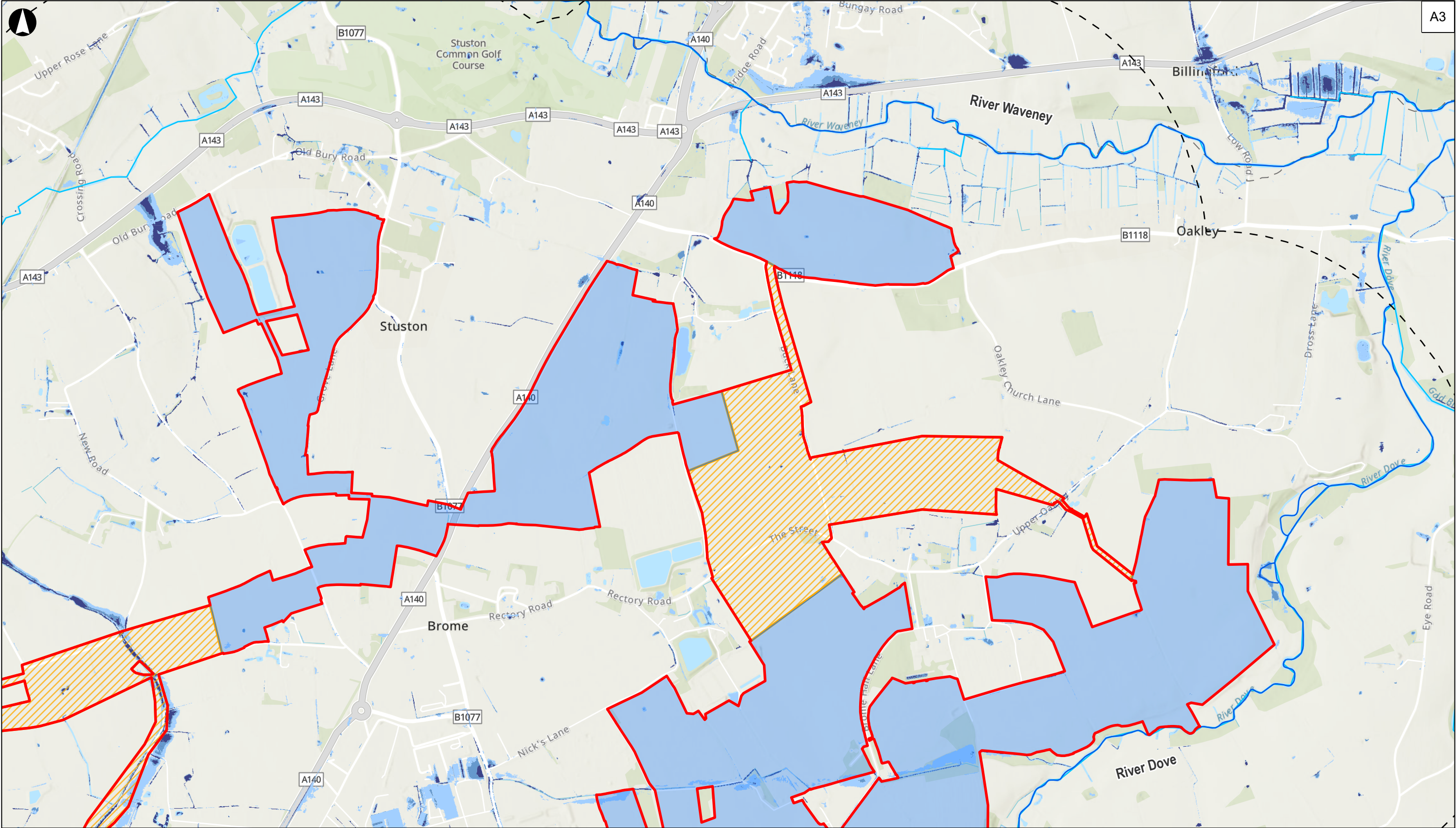
Rev

**P01**

Drawing Number

**YSF-SR-00023**





Legend

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

Risk of Flooding From Surface Water

High

Medium

Low

Very Low

0 0.25 0.5 1

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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**EcoPower Suffolk Solar**

Drawing Title

**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)**

**Sheet 4 of 6**

Client

**ECOPower SUFFOLK**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

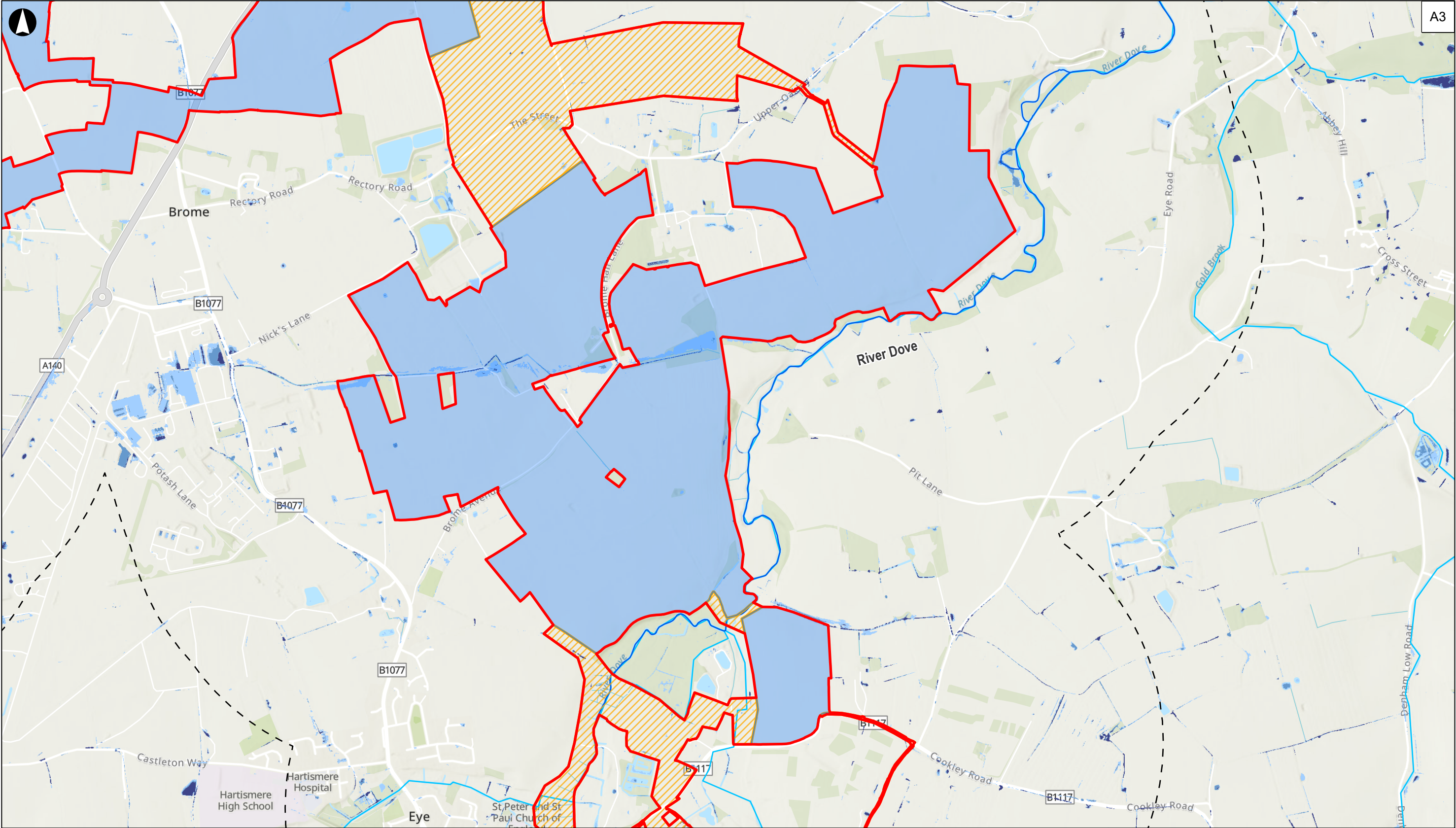
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Project Number	Rev
<b>302827-00</b>	<b>P01</b>

Drawing Number

**YSF-SR-00023**





A3

**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

**Risk of Flooding From Surface Water**

High

Medium

Low

Very Low

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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**EcoPower Suffolk Solar**

Client

**ECOPower SUFFOLK**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

**Issued**

Project Number

**302827-00**

Rev

**P01**

Drawing Number

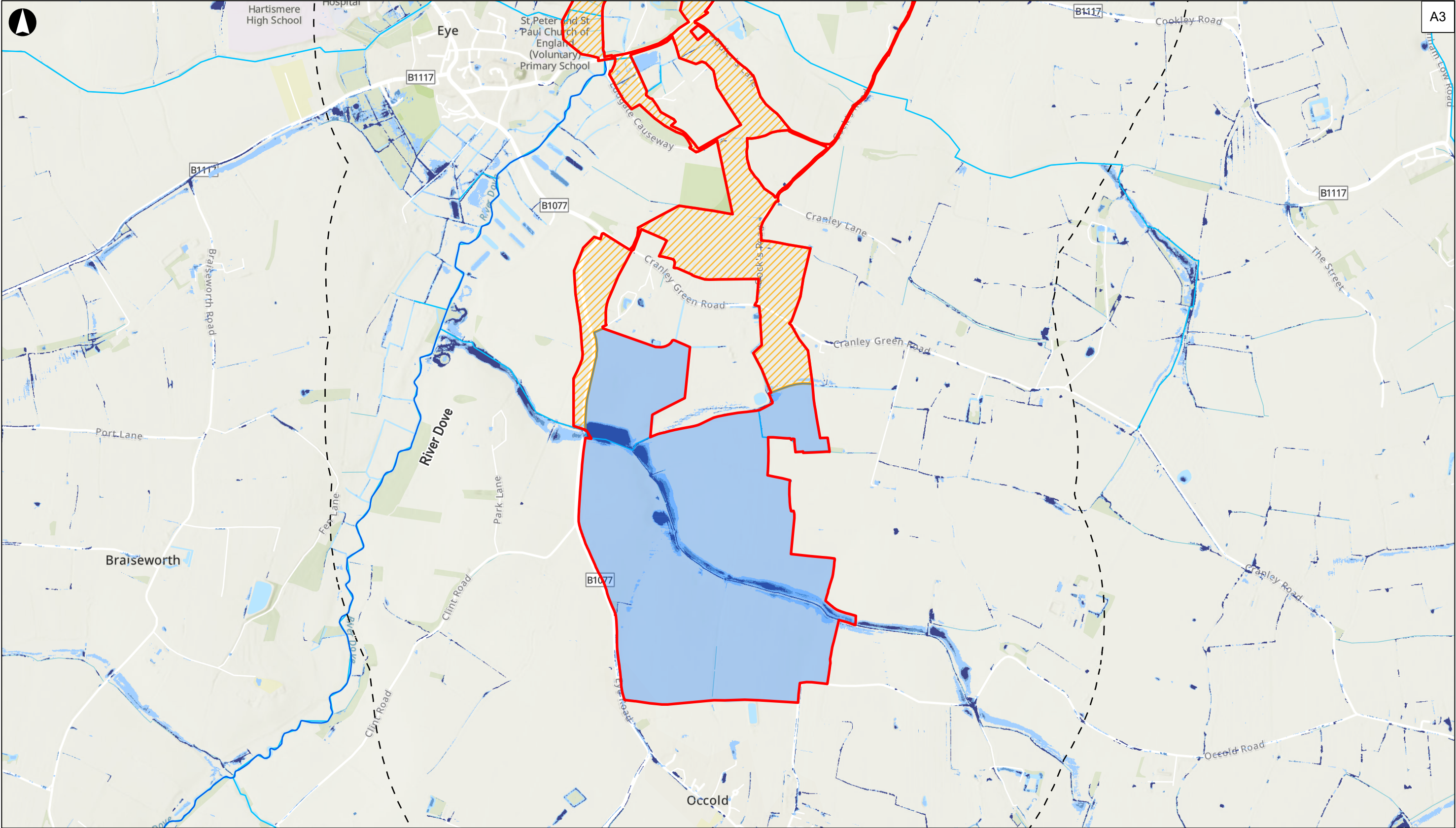
**YSF-SR-00023**

Drawing Title

**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)**

**Sheet 5 of 6**





**Legend**

Draft Order Limits

Draft Order Limits 1km Buffer

Principal Area

Cable Corridor

River

Watercourse

**Risk of Flooding From Surface Water**

High

Medium

Low

Very Low

0 0.25 0.5 1

Kilometres

Coordinate System: British National Grid

Service or layer credits: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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Project Name

**EcoPower Suffolk Solar**

Drawing Title

**Figure 7.18 - Risk of Flooding from Surface Water (Pluvial)**  
**Sheet 6 of 6**

Client

**ECOPower SUFFOLK**

Scale at A3

**1:15,000**

Role

**Scoping Report**

Suitability

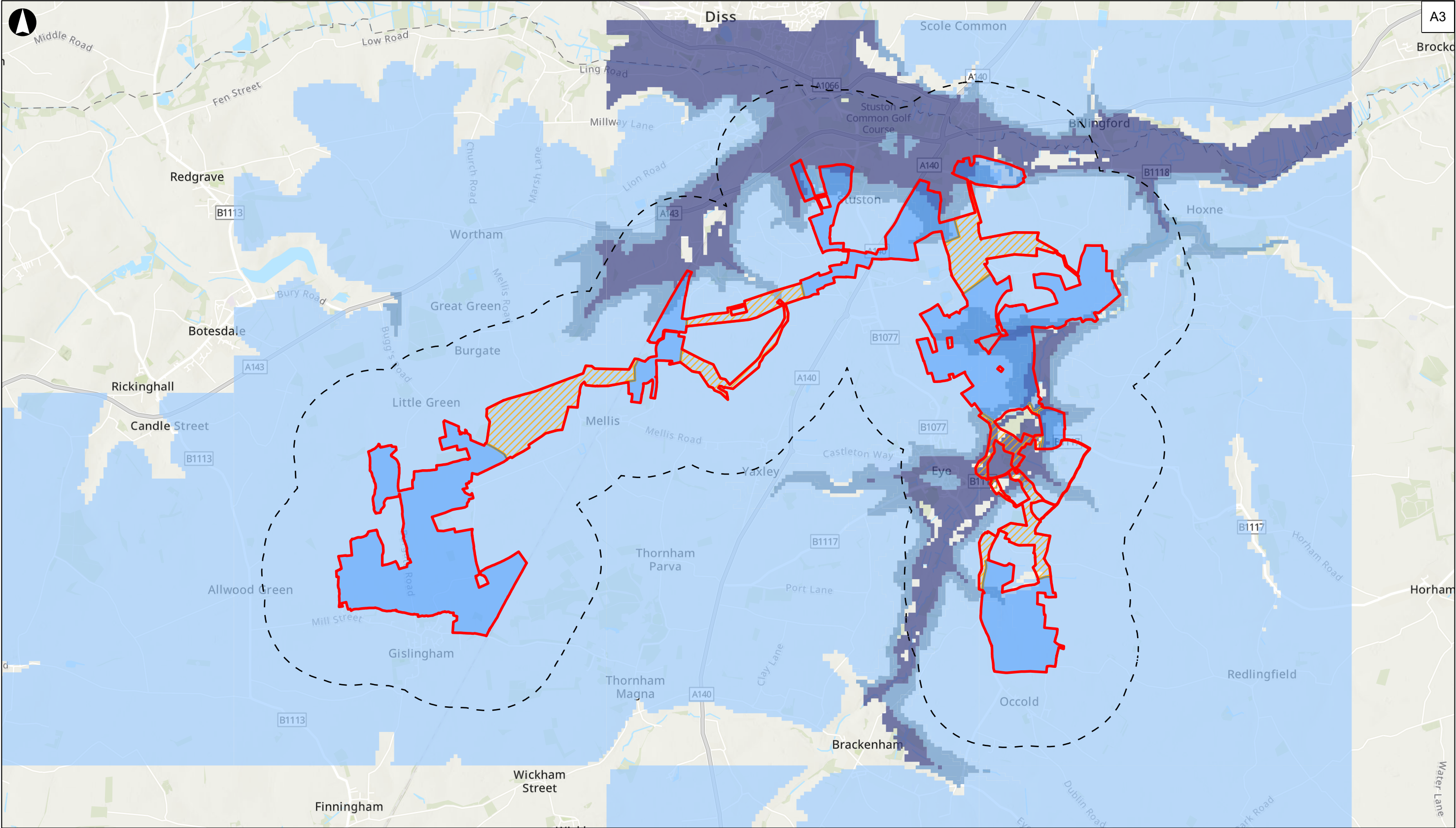
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Project Number	Rev
<b>302827-00</b>	<b>P01</b>

Drawing Number

**YSF-SR-00023**





**Legend**

- Draft Order Limits
- Draft Order Limits 1km Buffer
- Principal Area
- Cable Corridor

**Groundwater Flooding Susceptibility**

- Limited potential for groundwater flooding to occur
- Potential for groundwater flooding of property situated below ground level
- Potential for groundwater flooding to occur at surface

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/ NASA, USGS. © Environment Agency. Contains public sector information licensed under the Open Government Licence v3.0.

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**EcoPower Suffolk Solar**

Drawing Title  
**Figure 7.19 - Groundwater Flooding Susceptibility**

Client  
**ECOPower SUFFOLK**

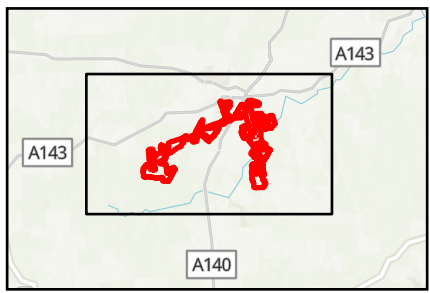
Scale at A3  
**1:50,000**

Role  
**Scoping Report**

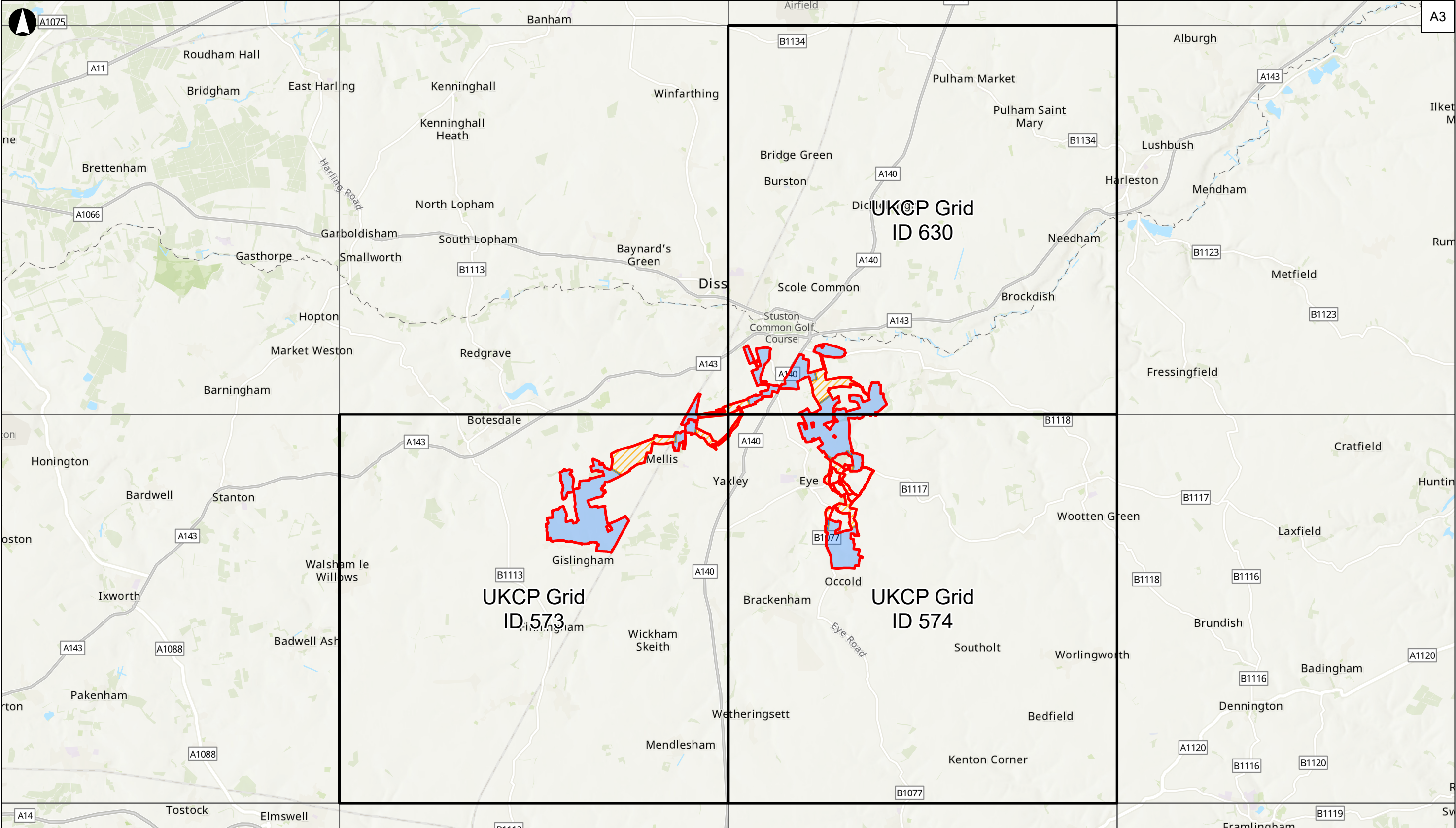
Suitability  
**Issued**

Project Number	Rev
<b>302827-00</b>	<b>P01</b>

Drawing Number  
**YSF-SR-00024**







Legend

- Draft Order Limits
- Cable Corridor
- Principal Area
- UK Climate Projections 2018 Land Projections 12km Grid

Coordinate System: British National Grid

Service or layer credits: Esri, Intermap, NASA, NGA, USGS, Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, USGS.

P01	22/01/2026	JEP	JEP	AC	SMG
Rev	Date	By	Chkd	Appd	Authd

Project Name  
**EcoPower Suffolk Solar**

Drawing Title  
**Figure 8.1 - UKCP18 Climate Projection Grid Squares**

Client  
**ECOPower SUFFOLK**

Scale at A3  
**1:115,000**

Role  
**Scoping Report**

Suitability  
**Issued**

Project Number <b>302827-00</b>	Rev <b>P01</b>
Drawing Number <b>YSF-SR-00025</b>	