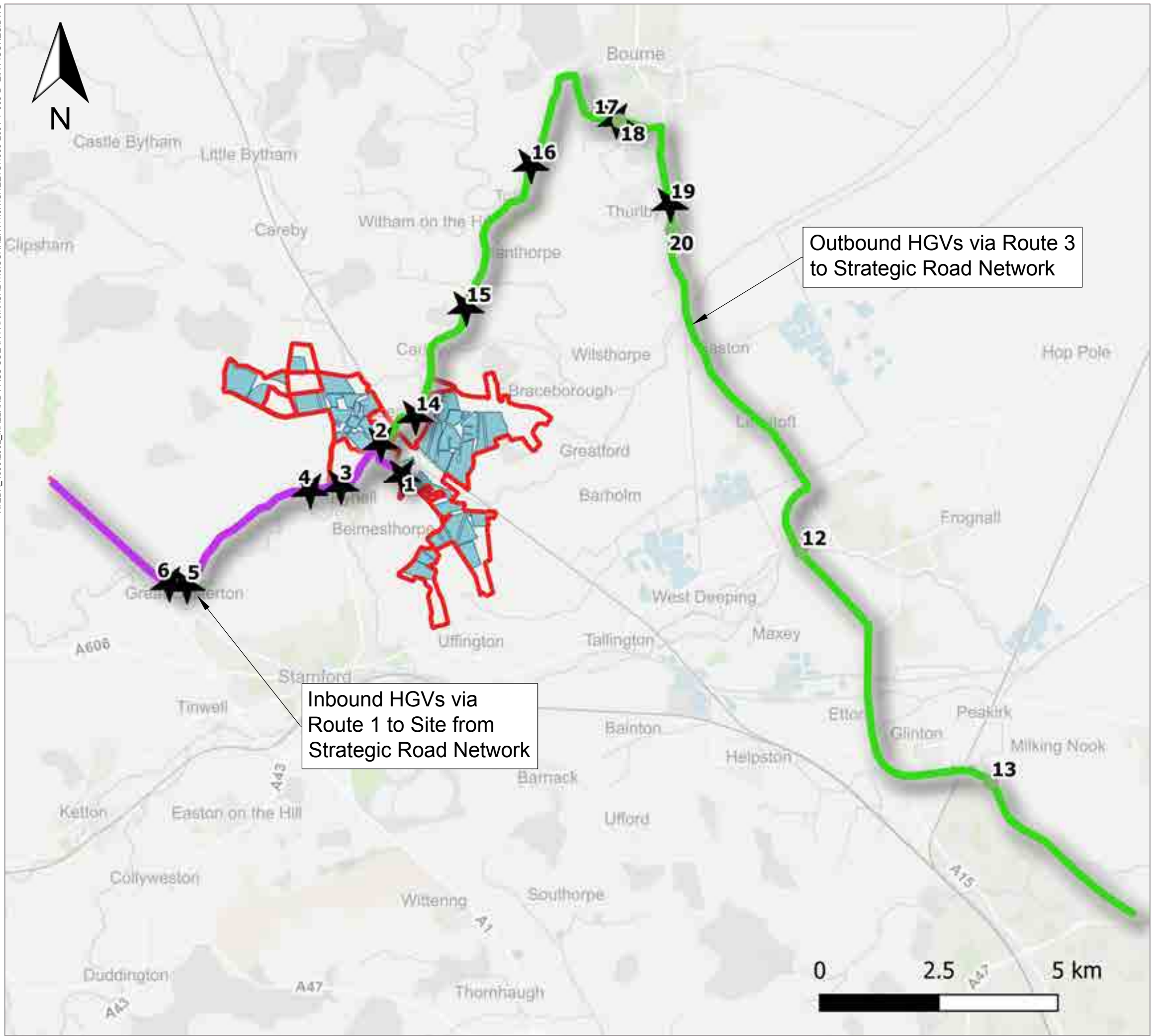


X:\LDA_4990\2002_MALLARD PASS SOLAR FARM\CAD\1.0_CURRENT\1.0.1_SHEETS\4990-2001-T-005-B-EIA FIGURES.DWG



LEGEND

- Site Boundary
- Solar PV Site
- Route 1 - Inbound flows via A1
- Route 3 - Outbound flows via A15 (Bourne)
- ★ ATC Location
- DfT Count Location

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PROJECT TITLE
**MALLARD PASS SOLAR FARM:
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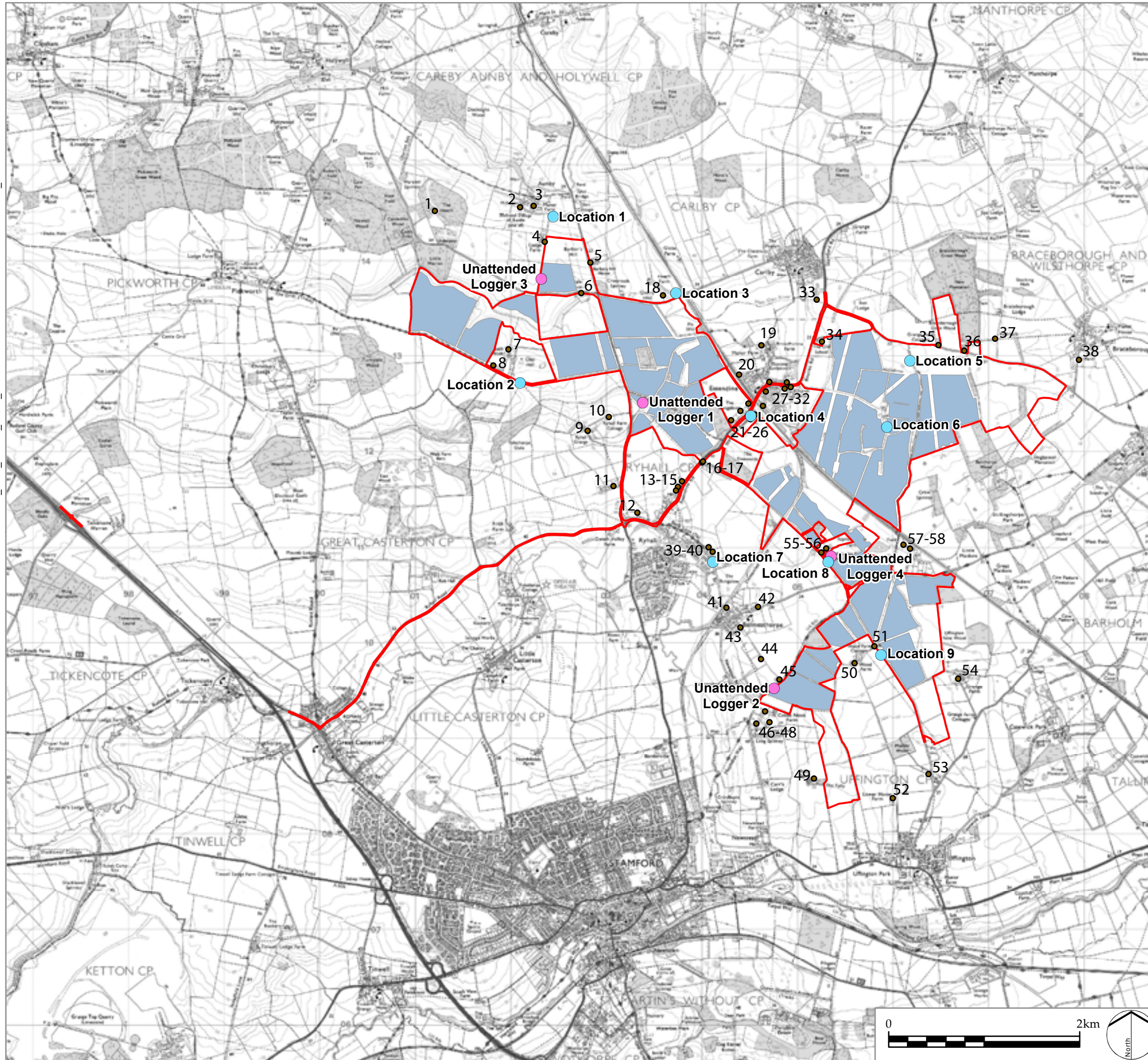
DRAWING TITLE
Figure 9.6: Proposed HGV Access Arrangement

ISSUED BY	Oxford	T: 01865 887 050
DATE	April 22	DRAWN CR
SCALE@A3	As shown	CHECKED MK
STATUS	Final	APPROVED AG

DWG. NO Figure 9.6

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 Sources Ordnance Survey



LEGEND

- Site Boundary
- Solar PV Site
- Attended Noise Monitoring Locations
- Unattended noise monitoring locations
- 1 ● Nearest Potential Receptor

Ref.	Property	Ref.	Property
1	The Heath	30	Bourne Road 3
2	Mill View	31	Bourne Road 4
3	Manor Farm	32	Church Farm
4	Lodge Farm	33	Crownfield House
5	Barber's Hill House	34	School House
6	Yale Farm	35	Grange Farm Cottage
7	Heath House	36	Braceborough Grange
8	Heath Cottage	37	Rodnoos
9	Ryhall Grange	38	Walland House
10	Ryhall farm Cottage	39	Ryhall 1
11	Top Farm	40	Ryhall 2
12	Turnpike Road	41	Belmosthorpe 1
13	Seabba's Close	42	Belmosthorpe 2
14	Essendine Road 1	43	Belmosthorpe 3
15	Essendine Road 2	44	Ridgeview Farm
16	Sunny Acres 1	45	Green Lane Farm
17	Sunny Acres 2	46	Cobbs Nook Farm
18	Heath Farm	47	Felham Cottage
19	Manor Farm, Essendine	48	Newstead Hall
20	Flover Road	49	Folly Farm
21	Stanford Road 1	50	Wood Farm
22	Stanford Road 2	51	Wood Farm Cottages
23	Stanford Road 3	52	Lower Home Farm
24	Glen Crescent 1	53	The Stables
25	Glen Crescent 2	54	Grange Farm
26	Glen Crescent 3	55	North Lodge House
27	Station Road	56	North Lodge Farm
28	Bourne Road 1	57	Barthorpe Lodge
29	Bourne Road 2	58	Glen Lodge

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**MALLARD PASS SOLAR FARM:
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DRAWING TITLE
Figure 10.1: Noise Monitoring Locations

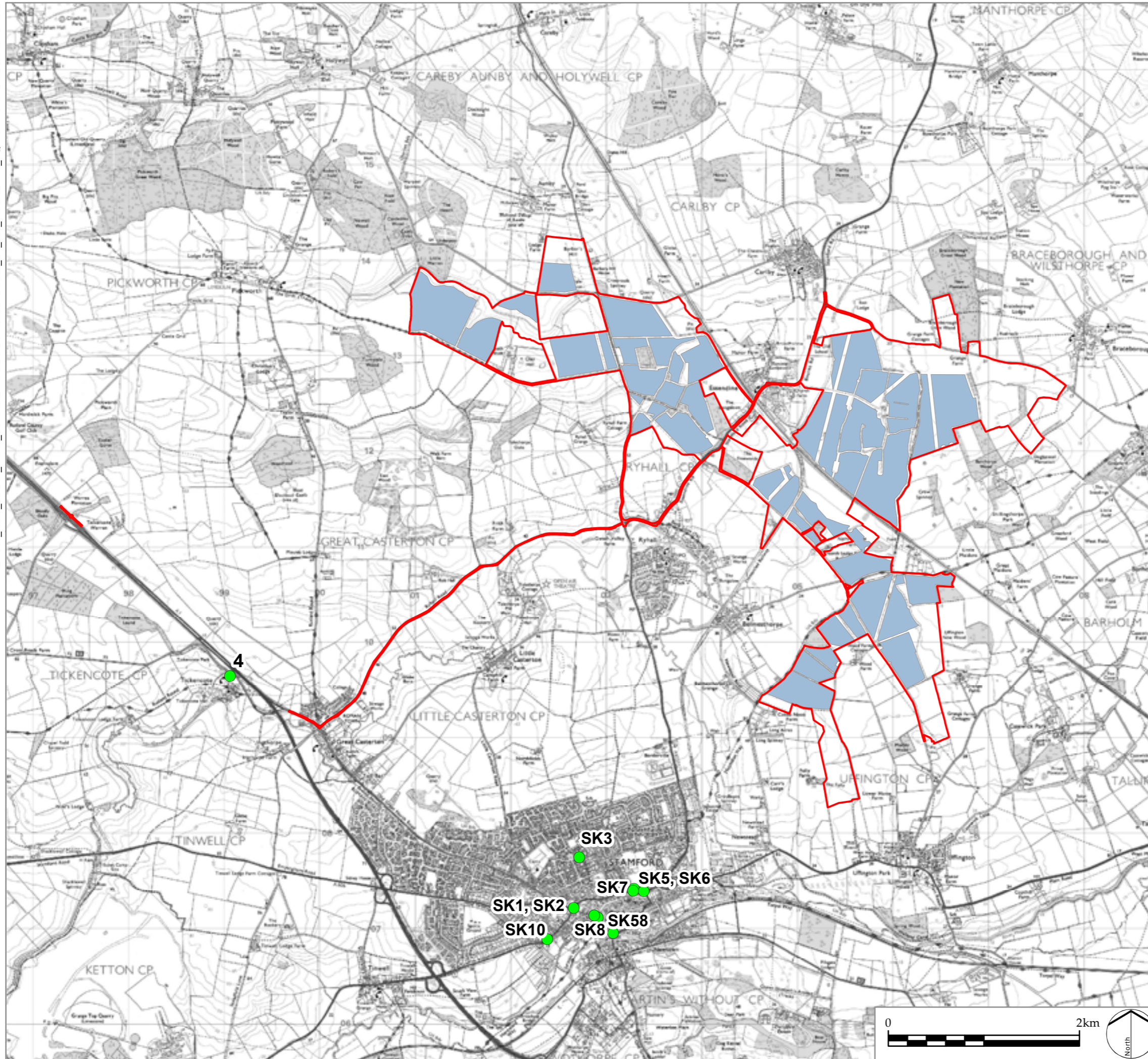
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 DATE April 2022 DRAWN AG
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 STATUS Final APPROVED RP

DWG. NO. 7863_SK_307

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Sources: Ordnance Survey, Esri



LEGEND

- Site Boundary
- Solar PV Site
- SK1 Passive Diffusion Tube Locations

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PROJECT TITLE
**MALLARD PASS SOLAR FARM:
 PRELIMINARY ENVIRONMENTAL INFORMATION REPORT**

DRAWING TITLE
**Figure 11.1: Monitoring Locations in the Vicinity
 of the Site**

ISSUED BY	Oxford	T: 01865 887050
DATE	April 2022	DRAWN AG
SCALE @A3	1:40,000	CHECKED DB
STATUS	Final	APPROVED RP

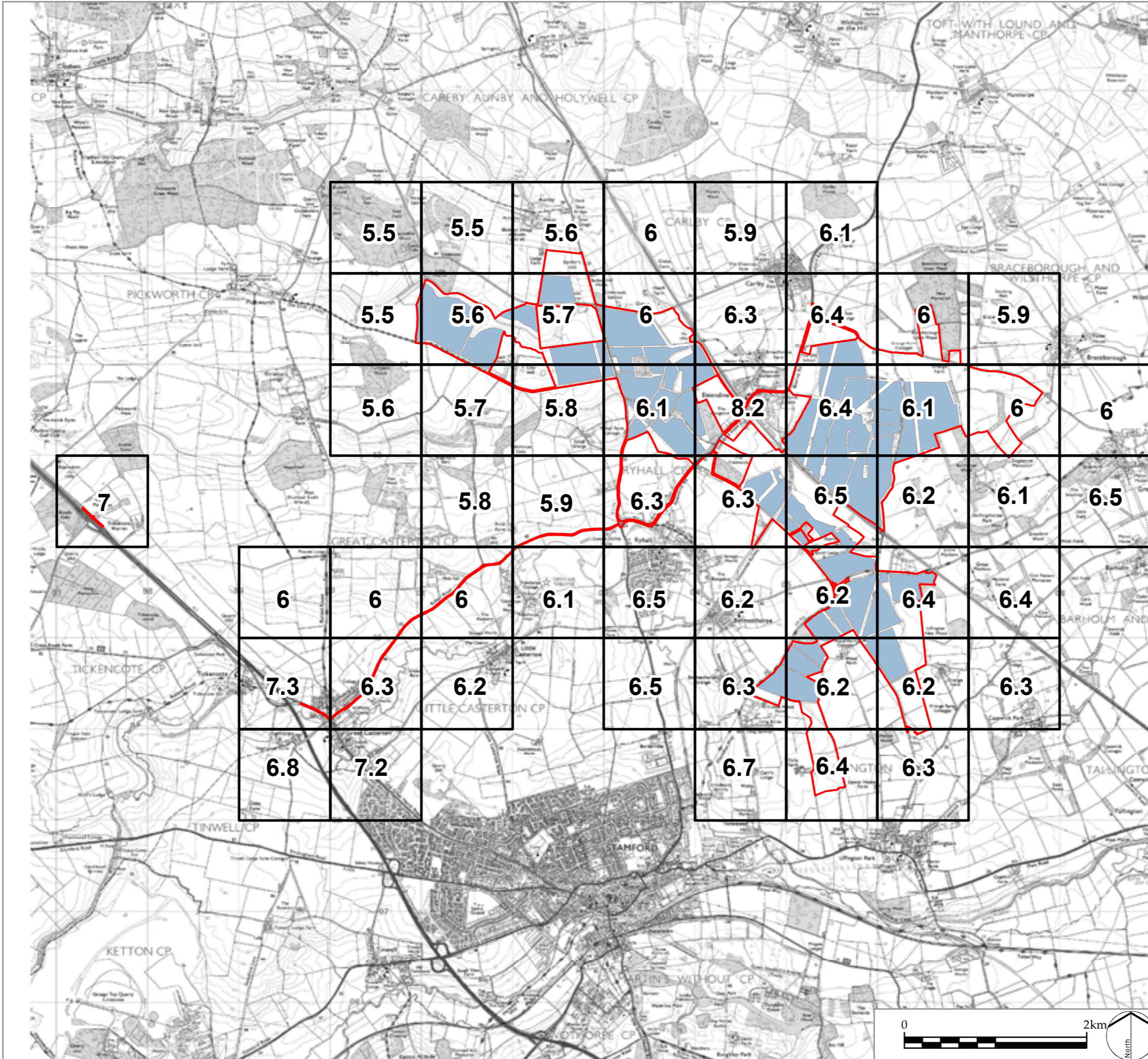
DWG. NO. 7863_SK_320

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Sources: Ordnance Survey, Esri





LEGEND

- Site Boundary
- NO2 Concentrations in the Vicinity of the Site (ugm3)
- Solar PV Site

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PROJECT TITLE
**MALLARD PASS SOLAR FARM:
 PRELIMINARY ENVIRONMENTAL INFORMATION REPORT**

DRAWING TITLE
Figure 11.2: Defra predicted annual mean background concentrations of NO2 in 2026

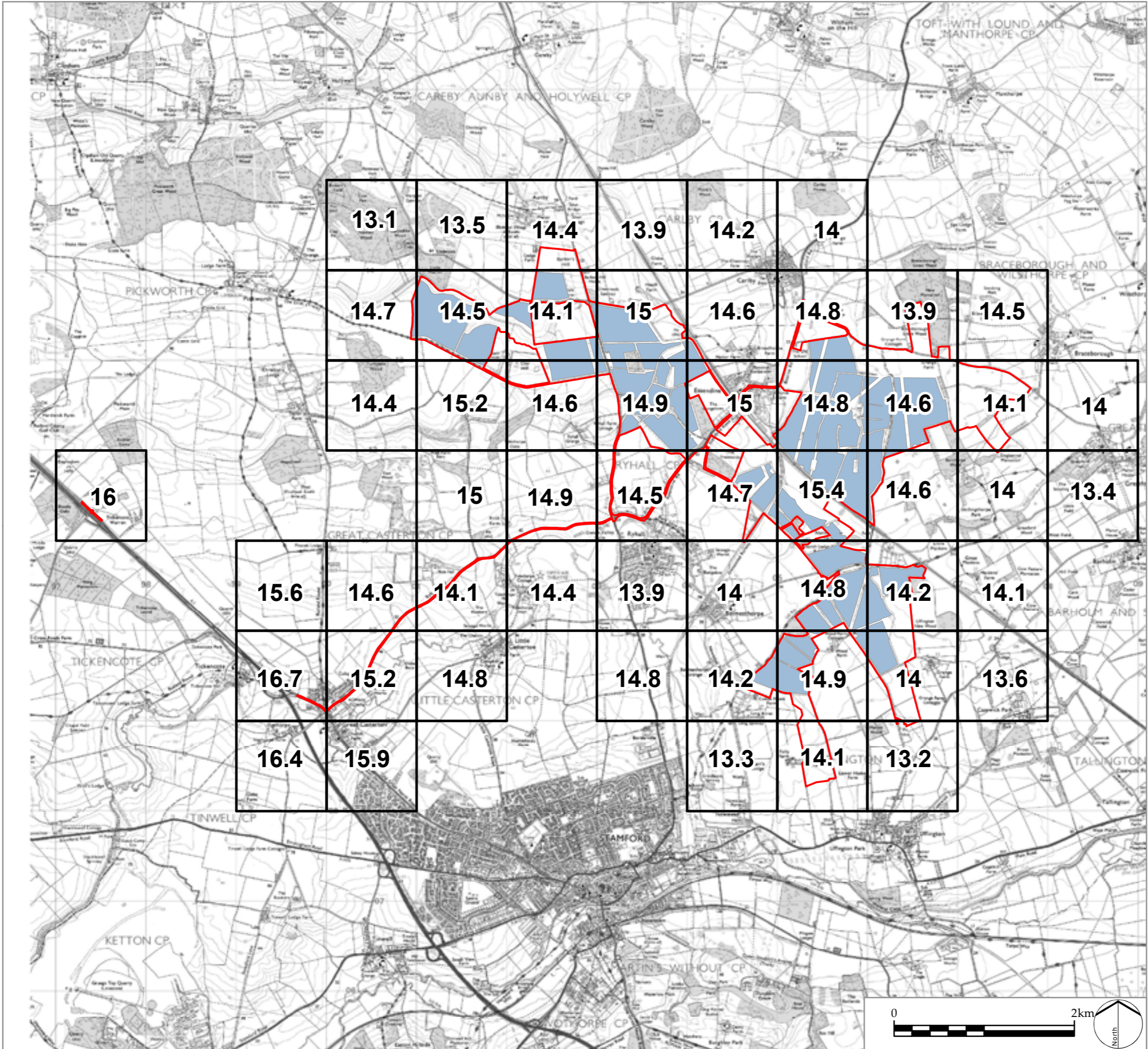
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DATE	April 2022	DRAWN AG
SCALE @A3	1:42,000	CHECKED DB
STATUS	Final	APPROVED RP

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Sources: Ordnance Survey, Esri



LEGEND

- Site Boundary
- PM10 Concentrations in the Vicinity of the Site (ugm3)
- Solar PV Site

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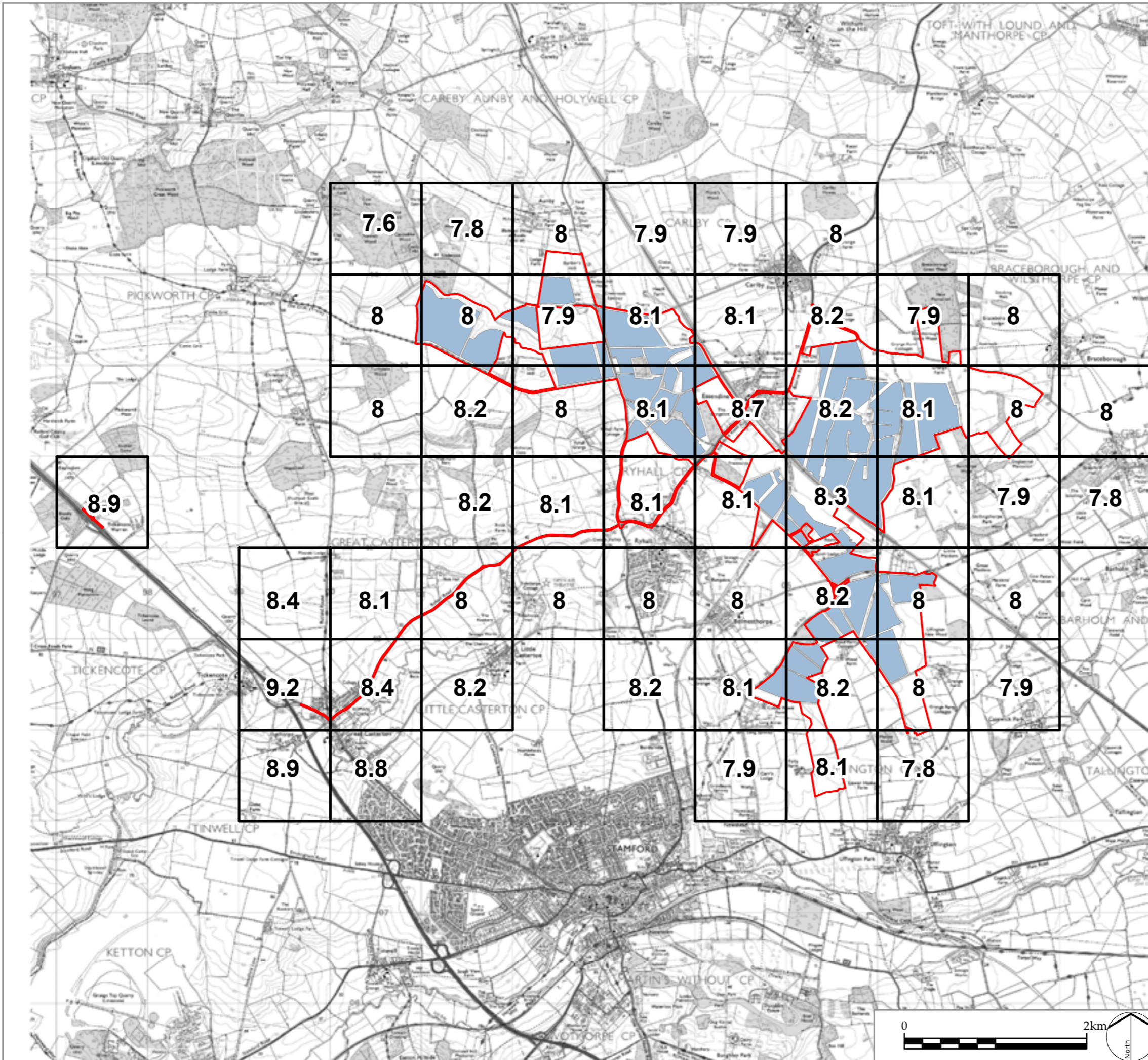
PROJECT TITLE
**MALLARD PASS SOLAR FARM:
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DRAWING TITLE
**Figure 11.3: Defra predicted annual mean background
 concentrations of PM10 in 2026**

ISSUED BY	Oxford	T: 01865 887050
DATE	April 2022	DRAWN AG
SCALE @A3	1:42,000	CHECKED DB
STATUS	Final	APPROVED RP

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 Sources: Ordnance Survey, Esri



LEGEND

- Site Boundary
- PM2.5 Concentrations in the Vicinity of the Site (ugm3)
- Solar PV Site

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PROJECT TITLE
**MALLARD PASS SOLAR FARM:
 PRELIMINARY ENVIRONMENTAL INFORMATION REPORT**

DRAWING TITLE
**Figure 11.4: Defra predicted annual mean background
 concentrations of PM2.5 in 2026**

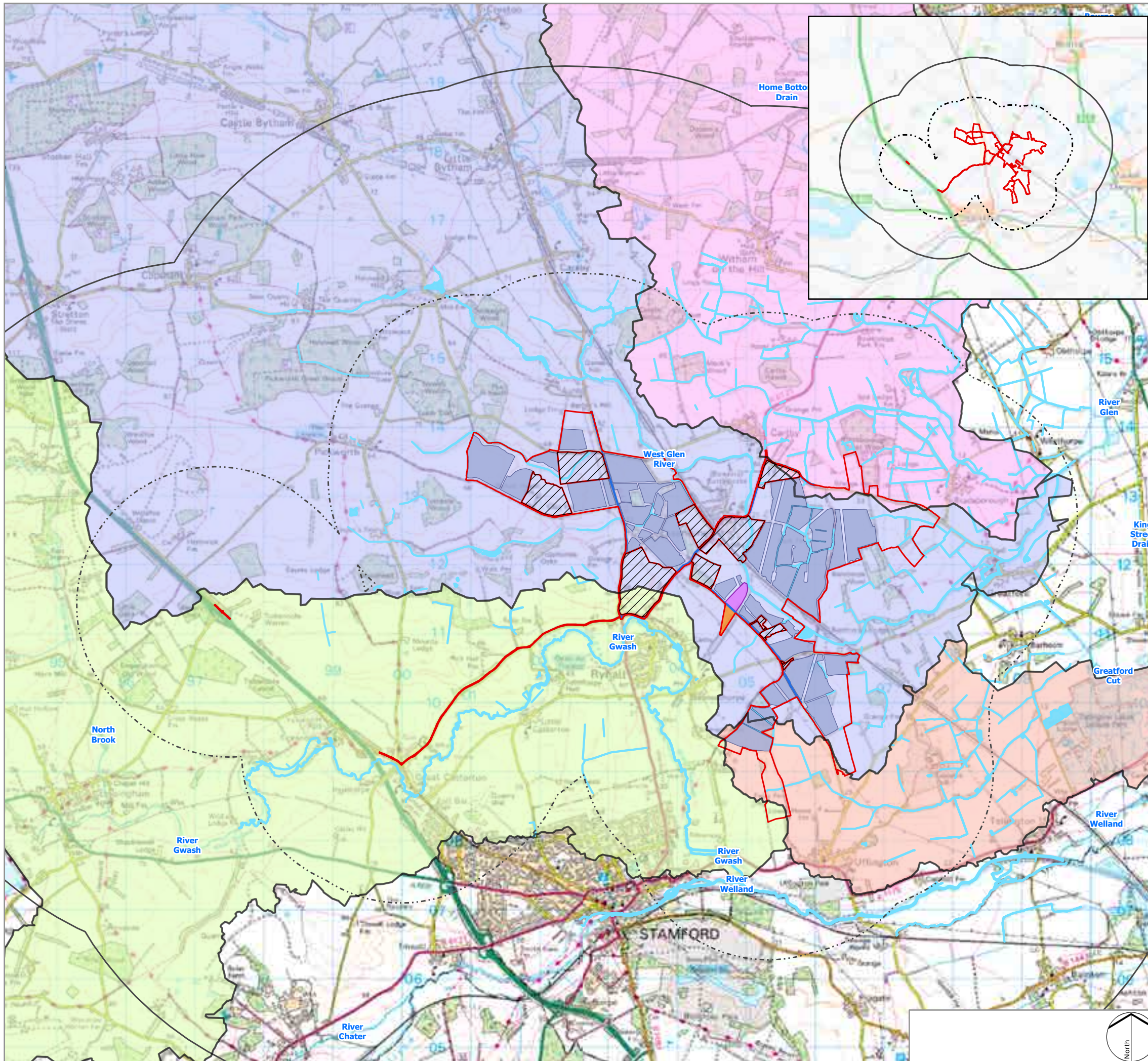
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Sources: Ordnance Survey, Esri



LEGEND

- Study Areas
- Site Boundary
 - PWS Study Area (2km)
 - Wider Study Area (5km)
- Site Works
- Solar Panel Area
 - Potential Highway Works
 - Grid Connection Route
 - Primary Onsite Substation
 - Watercourse
- Catchment
- East Glen River
 - River Gwash
 - Tallington Lakes / Greatford Cut
 - West Glen River
- Area Outside Site Boundary
- Area Outside Site Boundary
- Image
- Red: Band_1
 - Green: Band_2
 - Blue: Band_3

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PROJECT TITLE
**MALLARD PASS SOLAR FARM:
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DRAWING TITLE
Figure 12.1: Hydrological Features

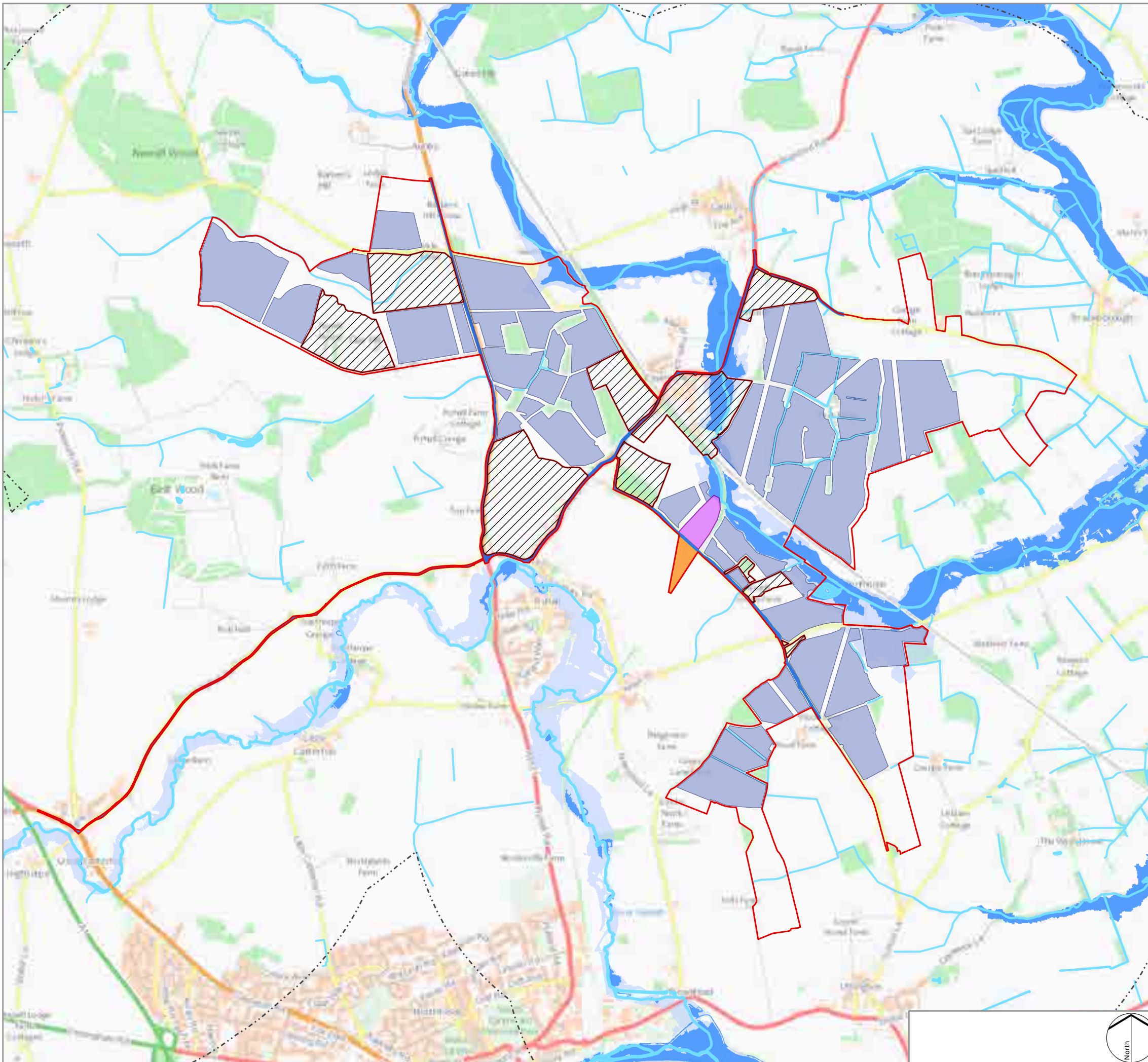
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STATUS	Draft	APPROVED	RD

DWG. NO. Figure 12.1

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Sources: Ordnance Survey



LEGEND

Study Areas

- Site Boundary
- PWS Study Area (2km)

Site Works

- Solar Panel Area
- Potential Highway Works
- Grid Connection Route
- Primary Onsite Substation
- Flood Zone 3
- Flood Zone 2
- Watercourse

Area Outside Site Boundary

- Area Outside Site Boundary

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**MALLARD PASS SOLAR FARM:
 PRELIMINARY ENVIRONMENTAL INFORMATION REPORT**

DRAWING TITLE
Figure 12.2: Flood Zone Map

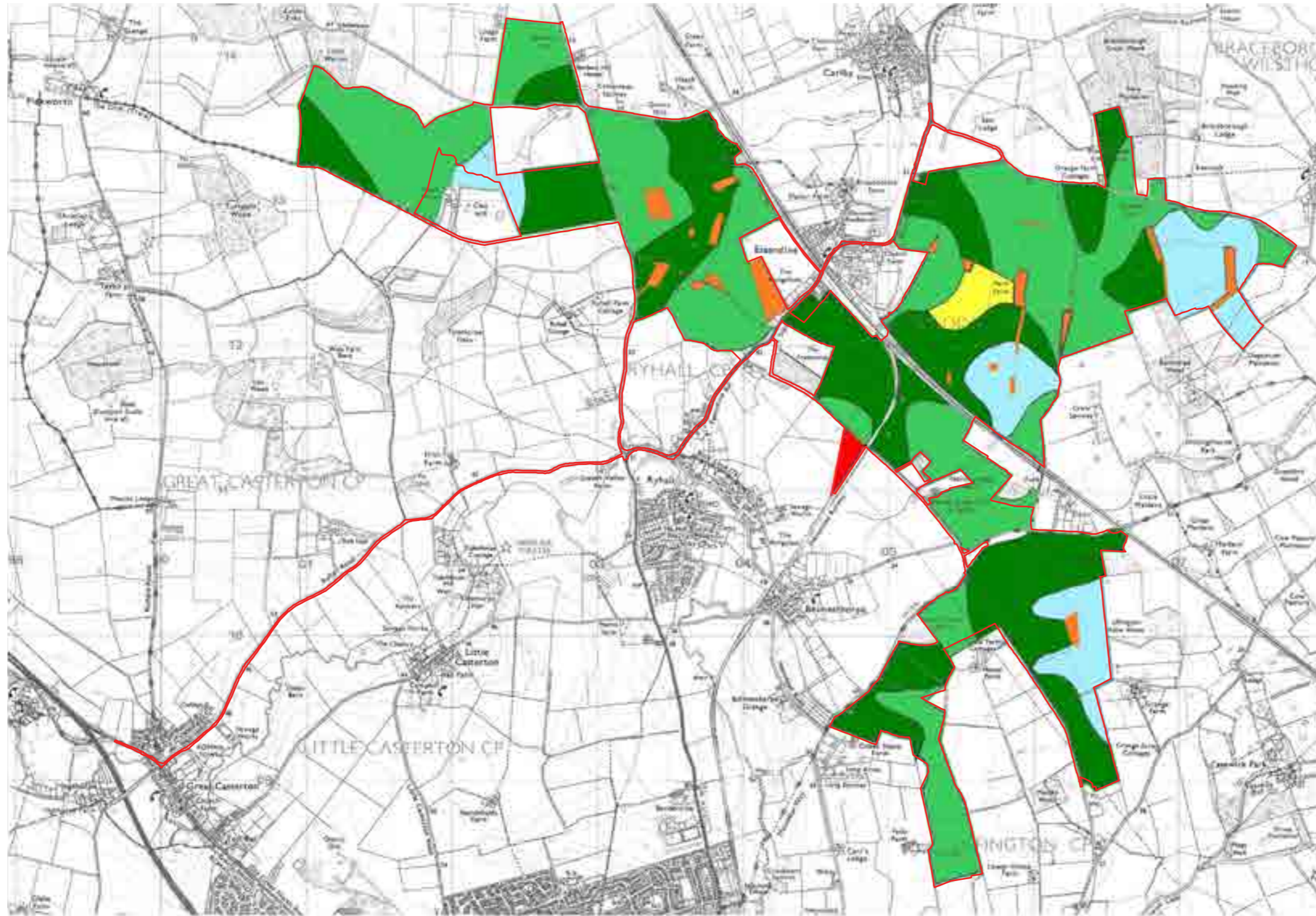
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DWG. NO. Figure 12.2


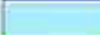







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Sources: Ordnance Survey



 Site Boundary

KEY		Ha	%
	Grade 1		
	Grade 2	110	12
	Grade 3a	320	36
	Grade 3b	415	47
	Grade 4	10	1
	Grade 5		
	Non-agricultural	30	3
	Urban	4	<1
	Not surveyed		

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DRAWING TITLE
Figure 13.1: Agricultural Land Classificatio

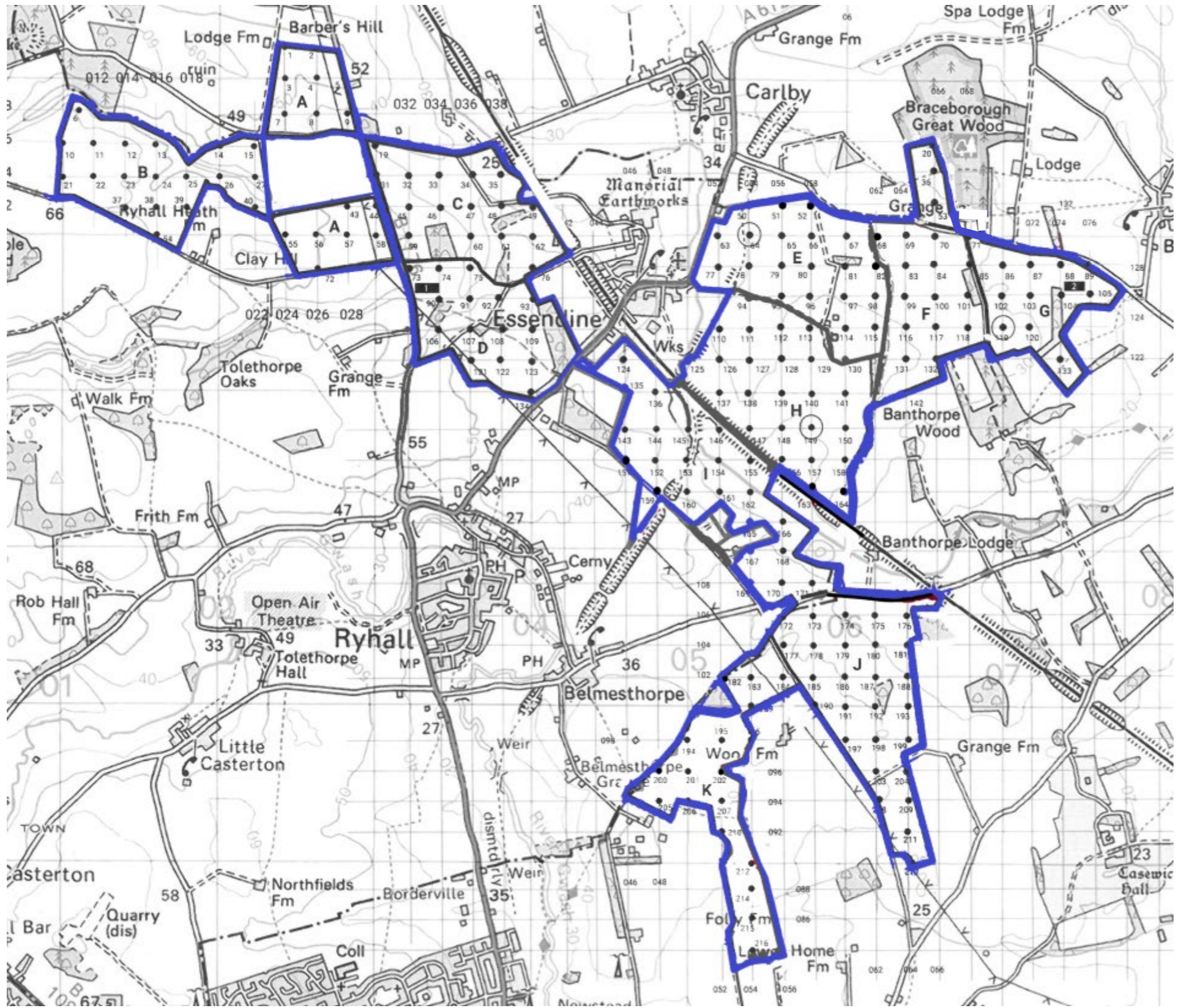
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DATE	March 2022	DRAWN SG
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STATUS	Draft	APPROVED RP

DWG. NO. 7863_13.1

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Sources: Ordnance Survey



- KEY**
- Survey Area
 - Auger sample location
 - Topsoil texture sample
 - Soil Pit

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 PRELIMINARY ENVIRONMENTAL
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DRAWING TITLE
Figure 13.2: Auger Points

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STATUS	Draft	APPROVED	RP

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