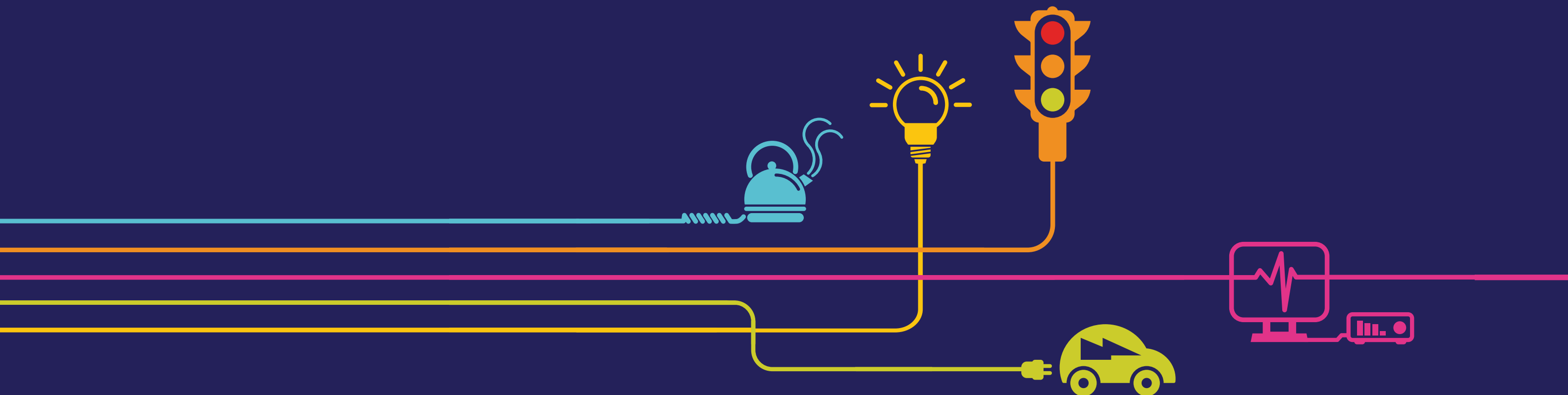


Environmental Statement Biodiversity and Nature Conservation Figures 8.8 to 8.12

Hinkley Point C Connection Project

*Regulation 5(2)(a) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*



Environmental Statement

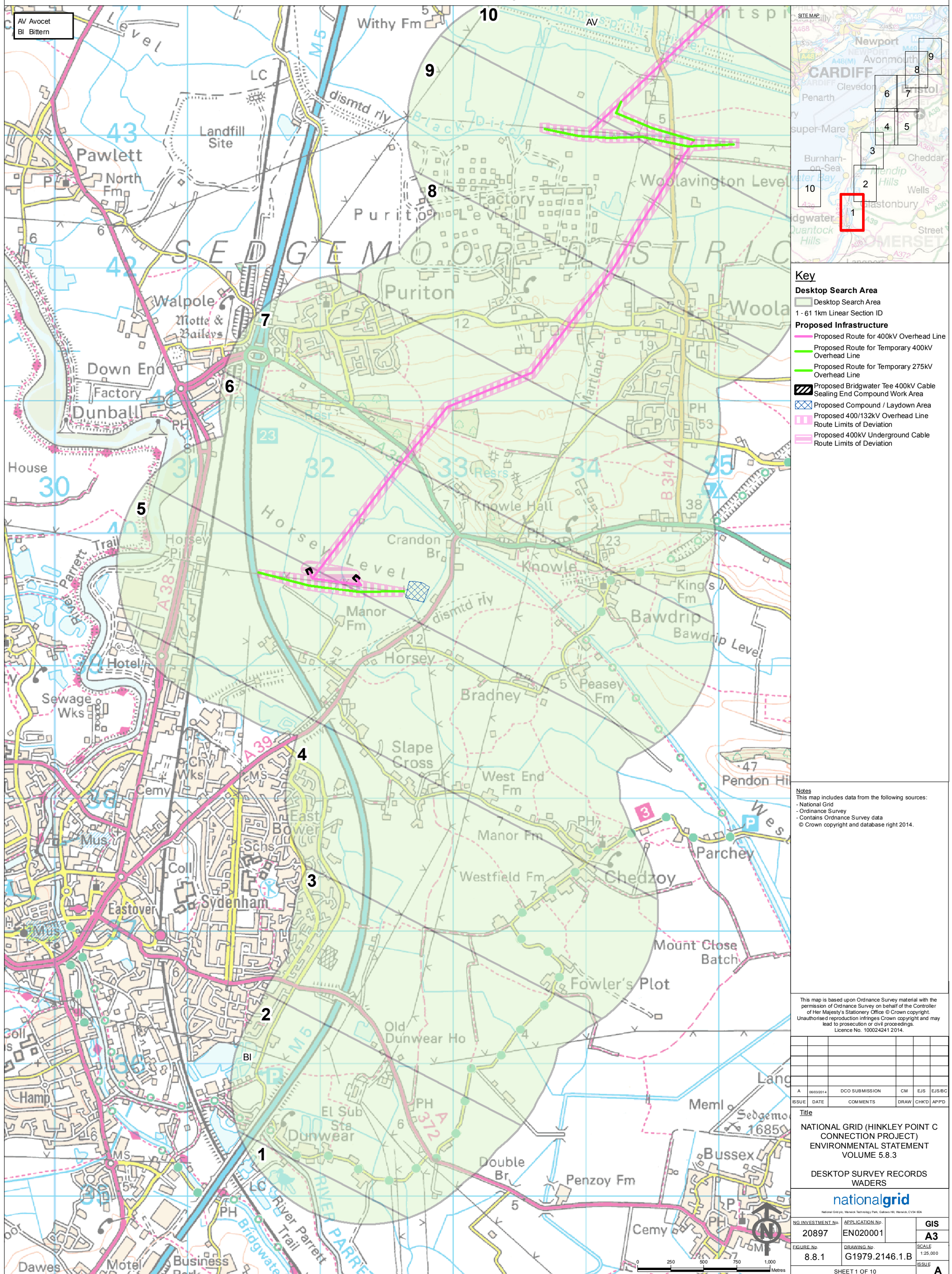
Hinkley Point C Connection Project

5.8.3 – Biodiversity and Nature Conservation – Figures (orange highlight indicates the contents of this Volume)

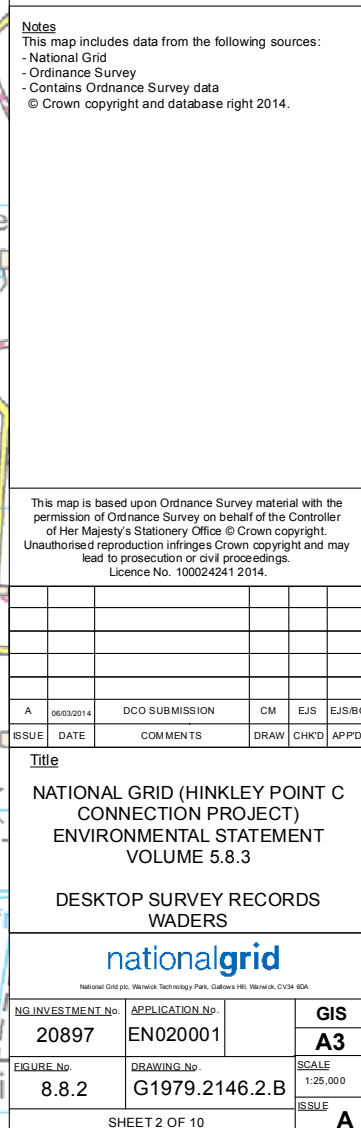
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8.1	Ecological Designations
8.2	Phase 1 Habitat Plan
8.3	Phase 1 Habitat Survey Target Notes
Volume 5.8.3.2	
8.4	National Vegetation Classification Survey Locations
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8.18	Breeding Birds Visits 1 and 2 (2012 and 2013) – Species Diversity Scale
8.19	Breeding Birds Visits 1 and 2 (2012 and 2013) – Conservations Species Scale
8.20	Vantage Point Bird Survey Flightlines – Waders 2009-2010
8.21	Vantage Point Bird Survey Flightlines – Wildfowl 2009-2010
8.22	Vantage Point Bird Survey Flightlines – Waders 2010-2011
8.23	Vantage Point Bird Survey Flightlines – Wildfowl 2010-2011
8.24	Vantage Point Bird Survey Flightlines – Waders and Wildfowl 2013-2014
Volume 5.8.3.7	
8.25	Bird Designations Overview
8.26	Likelihood of Bird Movement
8.27	Bird Mitigation Strategy
8.28	Bat Roost Desk Study Data & Assessment of Trees
8.29	Bat Transect Results – Annex II Bat Species 2010
8.30	Bat Transect Results – Annex II Bat Species 2012
Volume 5.8.3.8	
8.31	Bat Transect Results – Pipistrelle Bat Species 2010

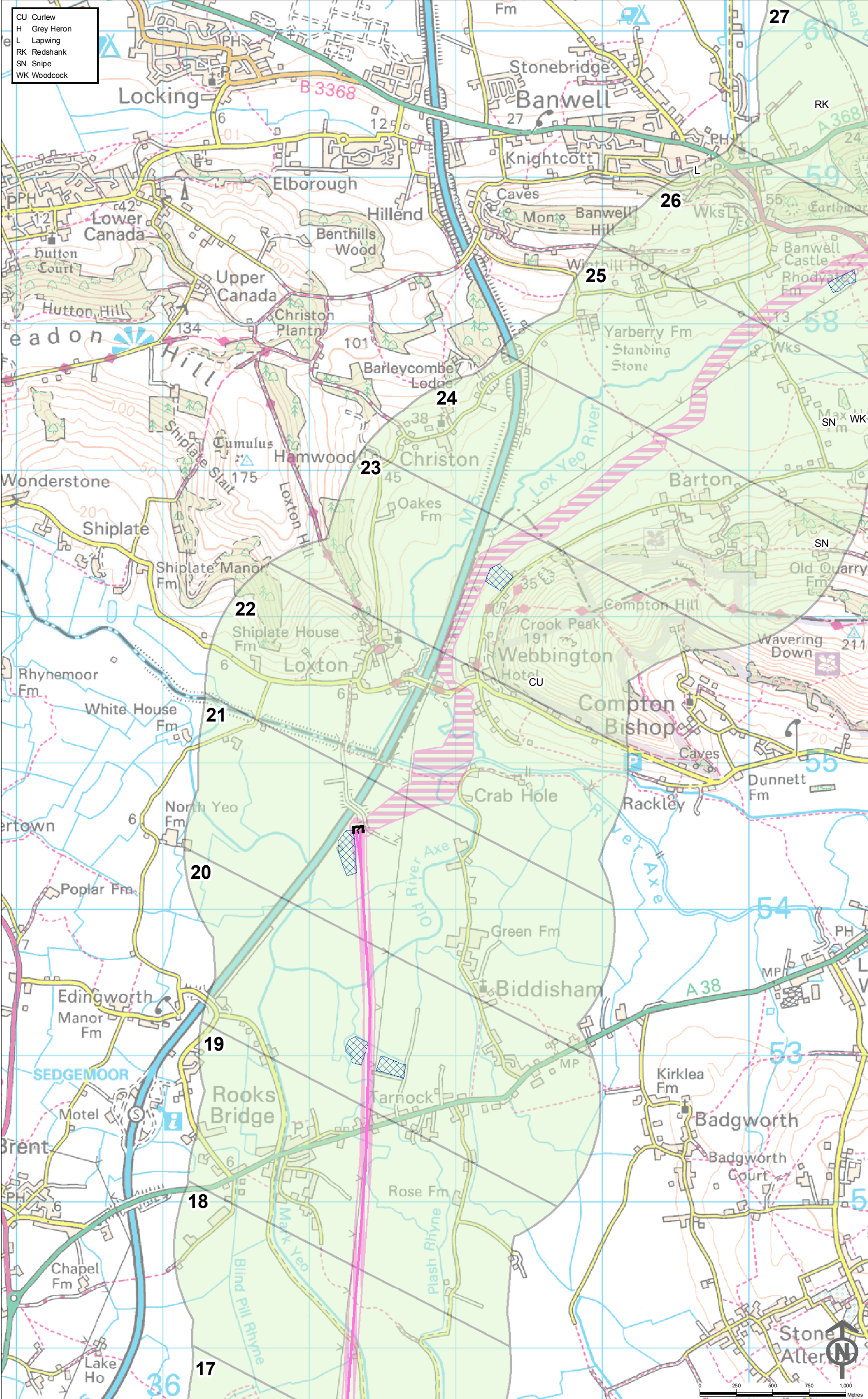
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8.34	Bat Transect Results – Other Bat Species 2012
8.35	Static Bat Recorder Locations and Results 2012
8.36	Bat Activity Hotspots
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8.38	SAC Impacts – Bat Survey Scope
8.39	SAC Impacts – Lesser Horseshoe Bat
8.40	SAC Impacts – Greater Horseshoe Bat
8.41	SAC Impacts – Barbastelle & Bechstein's Bats
8.42	SAC Impacts – Mitigation Habitats
8.43	SAC Impacts – Mitigation Hedgerows
8.44	Dormouse Desk Study Data & Survey Locations
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8.45	Dormouse Photographic Locations
8.46	Water Vole Desk Study & Survey Data
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8.47	Otter Desk Study & Survey Data
8.48	CONFIDENTIAL Badger Desk Study & Survey Data
8.49	Brown Hare, Hedgehog, Harvest Mouse & Polecat Desk Study Data
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8.50	GCN Habitat Suitability Index
8.51	Amphibian Desk Study & Survey Data
8.52	GCN Population Survey Results
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8.53	Reptile Desk Study & Survey Results
8.54	Reptile Survey Locations
8.55	Ditch Invertebrates & Flora Desk Study Data
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8.56	Invertebrate Desk Study Data
8.57	Fish Desk Study & Environment Agency Survey Data
8.58	Invasive Species Plan

Figure 8.8 - Desktop Survey Records – Waders

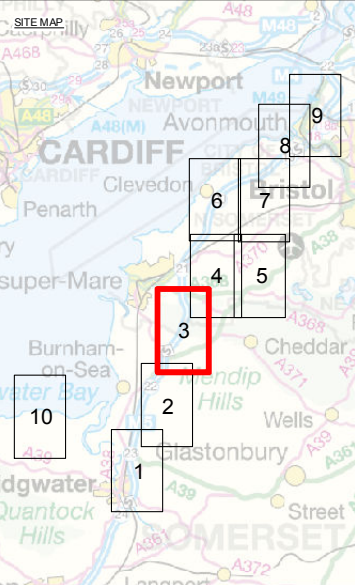


DESKTOP SURVEY RECORDS
WADERS





- CU Curlew
H Grey Heron
L Lapwing
RK Redshank
SN Snipe
WK Woodcock



- Key**
- Desktop Search Area**
- Desktop Search Area
 - 1 - 61 km Linear Section ID
- Proposed Infrastructure**
- Proposed Route for 400kV Overhead Line
 - Proposed South of the Mendip Hills 400kV Cable Sealing End Compound Work Area
 - Proposed Compound / Laydown Area
 - Proposed 400/132kV Overhead Line Route Limits of Deviation
 - Proposed 400kV Underground Cable Route Limits of Deviation

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ENVIRONMENTAL STATEMENT
VOLUME 5.8.3

DESKTOP SURVEY RECORDS
WADERS

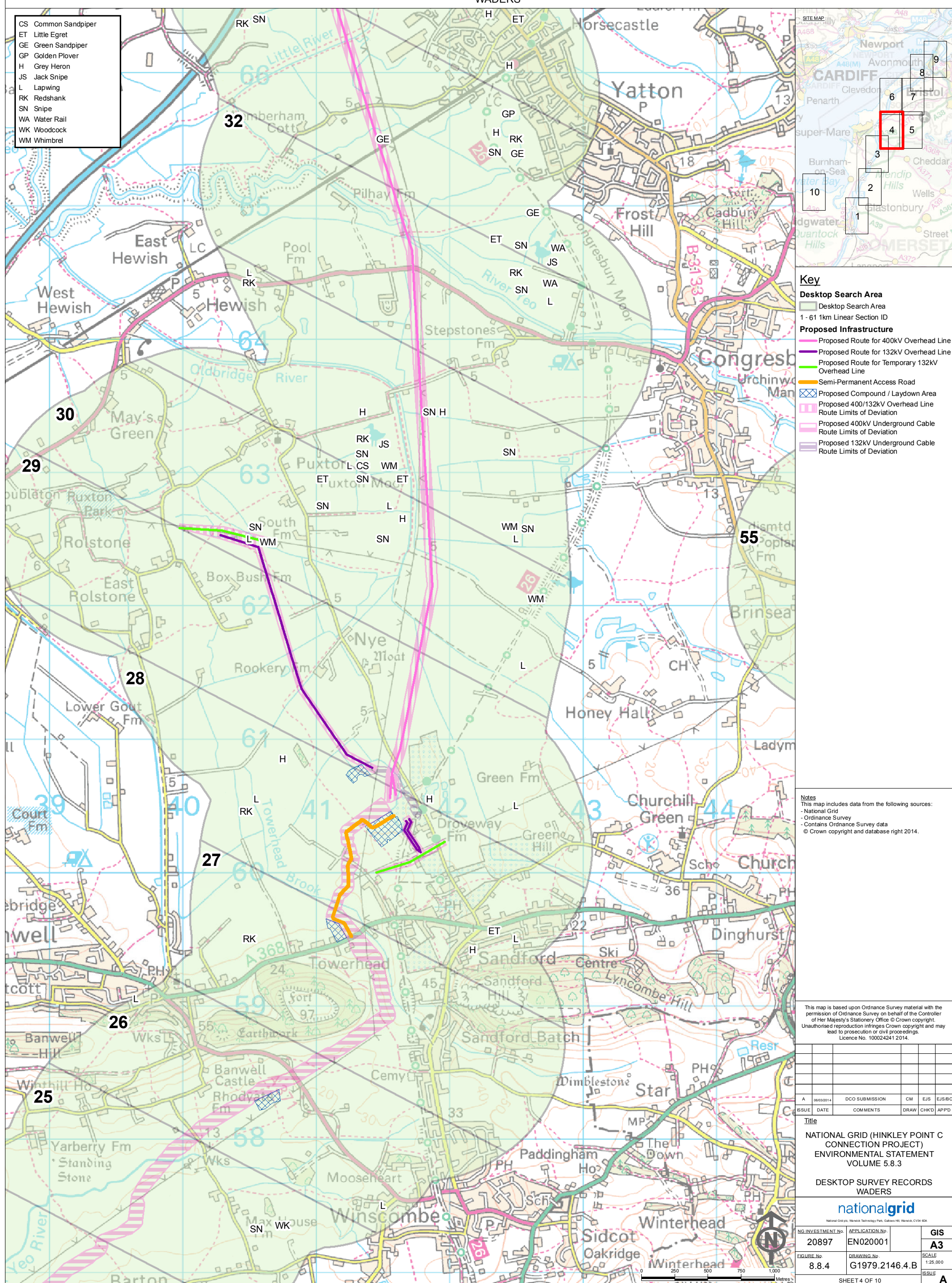
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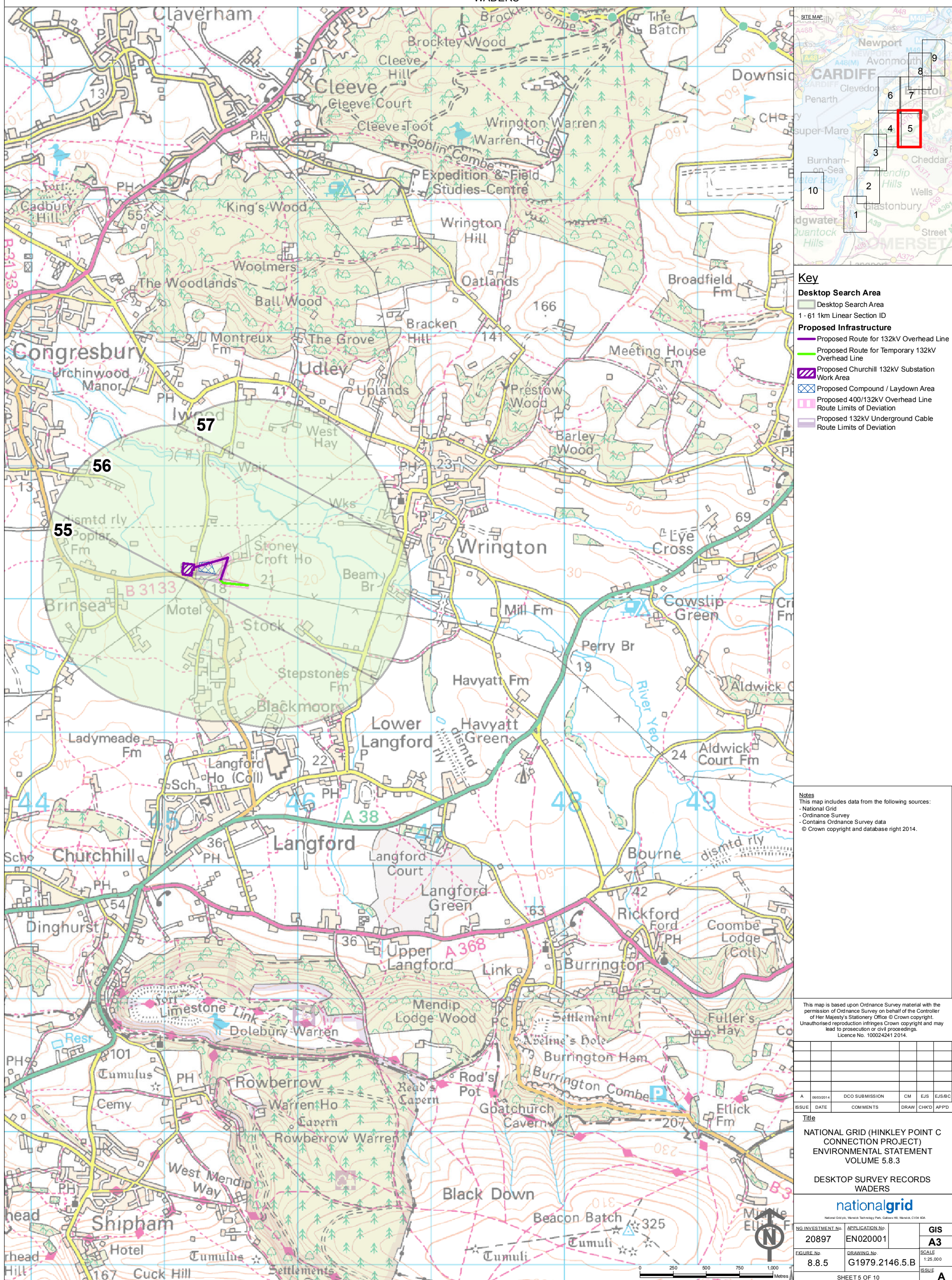
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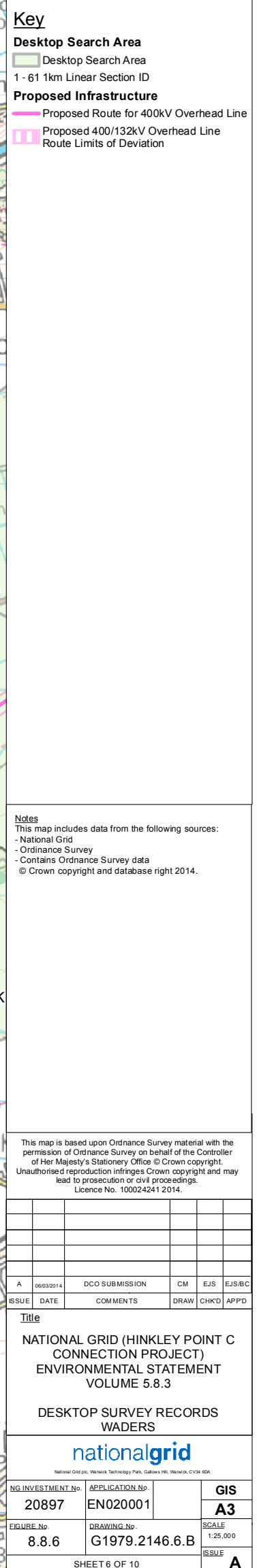
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DESKTOP SURVEY RECORDS
WADERS



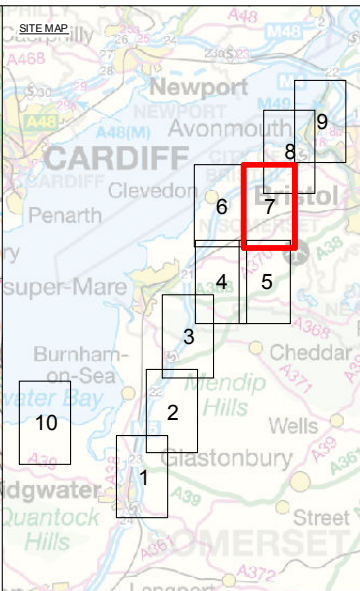


DESKTOP SURVEY RECORDS
WADERS



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DESKTOP SURVEY RECORDS
WADERS



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 - Proposed Route for 400kV Overhead Line
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 - Proposed Compound / Laydown Area
 - Proposed 400/132kV Overhead Line Route Limits of Deviation
 - Proposed 132kV Underground Cable Route Limits of Deviation

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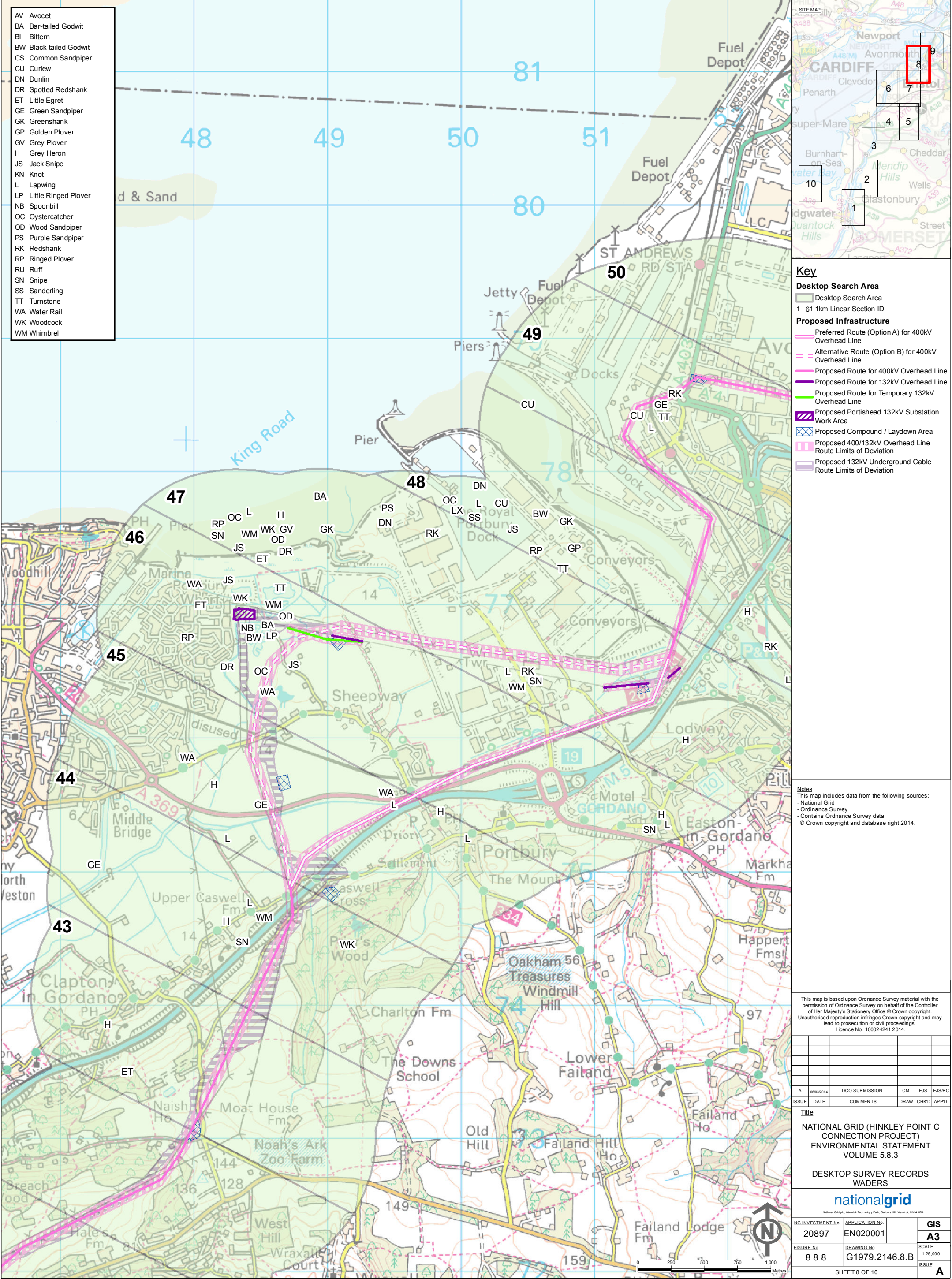
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WADERS

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DESKTOP SURVEY RECORDS
WADERS



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WADERS

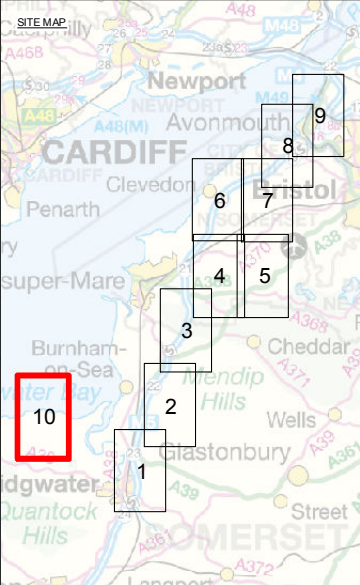
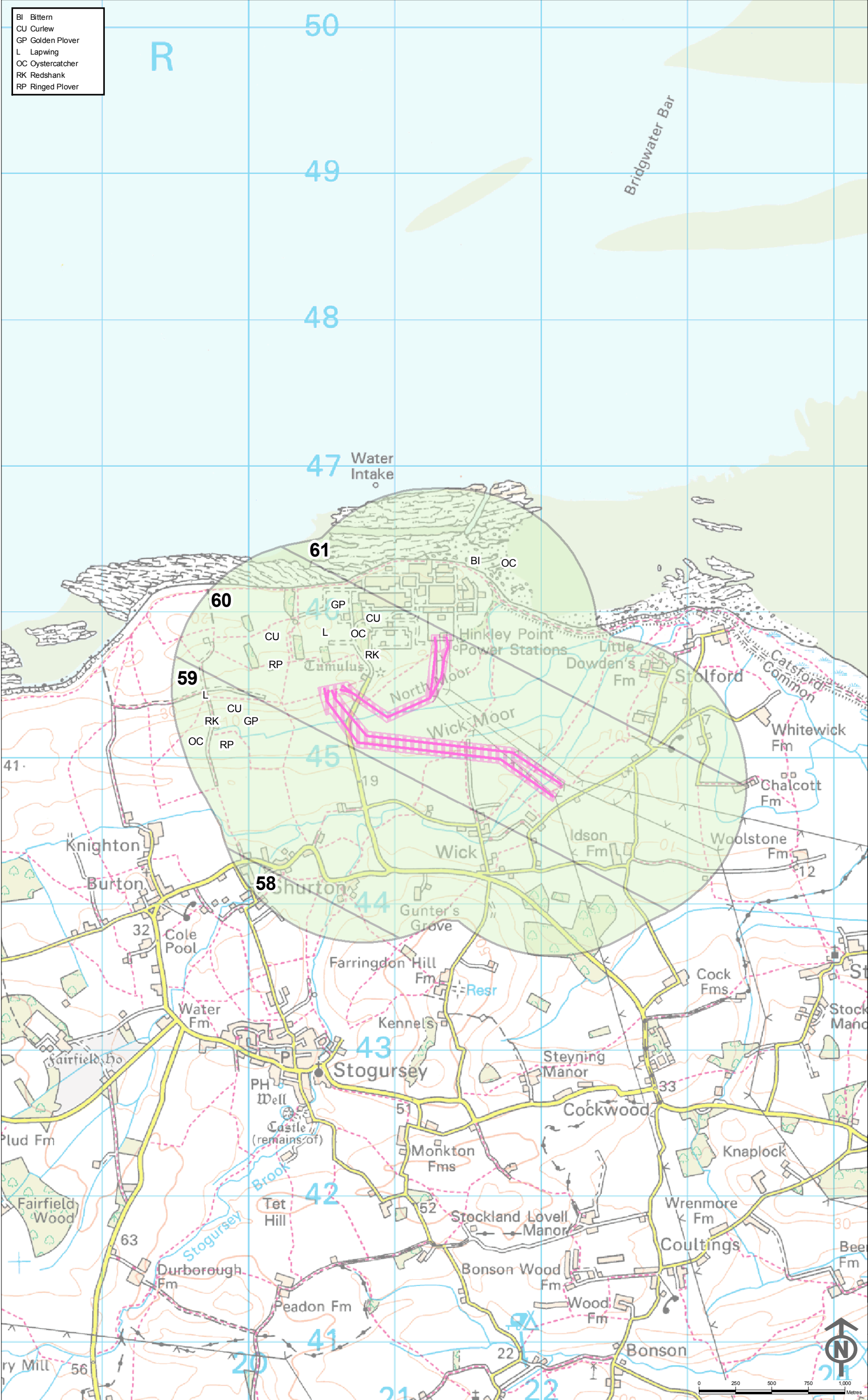
-
- The map shows the New Port area in South Wales. Ten numbered boxes are placed at various locations for data collection. Box 1 is near the River Taff. Box 2 is near the River Taff. Box 3 is near the River Taff. Box 4 is near the River Taff. Box 5 is near the River Taff. Box 6 is near the River Taff. Box 7 is near the River Taff. Box 8 is near the River Taff. Box 9 is near the River Taff. Box 10 is near the River Taff.

Route Limits of Deviation

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DESKTOP SURVEY RECORDS
WADERS



- Key**
- Desktop Search Area**
- Desktop Search Area
 - 1 - 61 1km Linear Section ID
- Proposed Infrastructure**
- Proposed Route for 400kV Overhead Line
 - Proposed 400/132kV Overhead Line
 - Route Limits of Deviation

Notes

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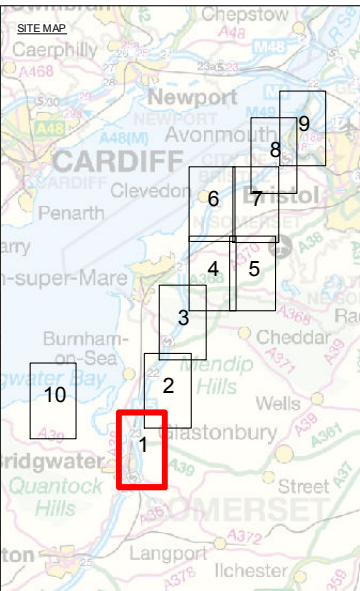
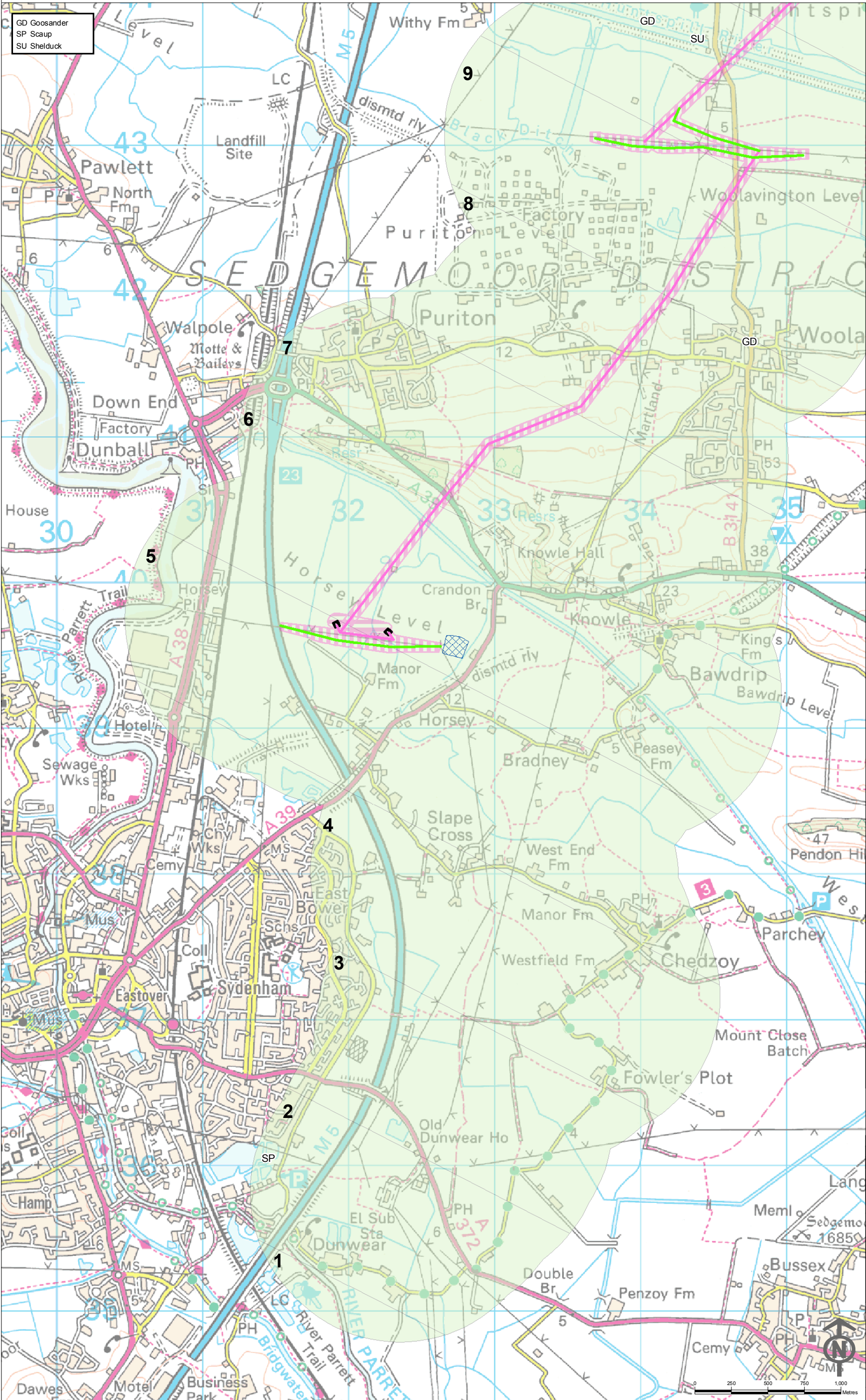
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DESKTOP SURVEY RECORDS
WADERS

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Figure 8.9 - Desktop Survey Records – Wildfowl

DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS



Key

- Desktop Search Area
- 1 - 61 km Linear Section ID

Proposed Infrastructure

- Proposed Route for 400kV Overhead Line
- Proposed Route for Temporary 400kV Overhead Line
- Proposed Route for Temporary 275kV Overhead Line
- Proposed Bridgwater Tee 400kV Cable Sealing End Compound Work Area
- Proposed Compound / Laydown Area
- Proposed 400/132kV Overhead Line Route Limits of Deviation
- Proposed 400kV Underground Cable Route Limits of Deviation

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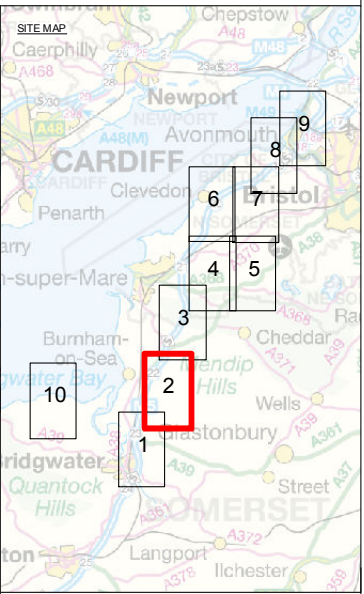
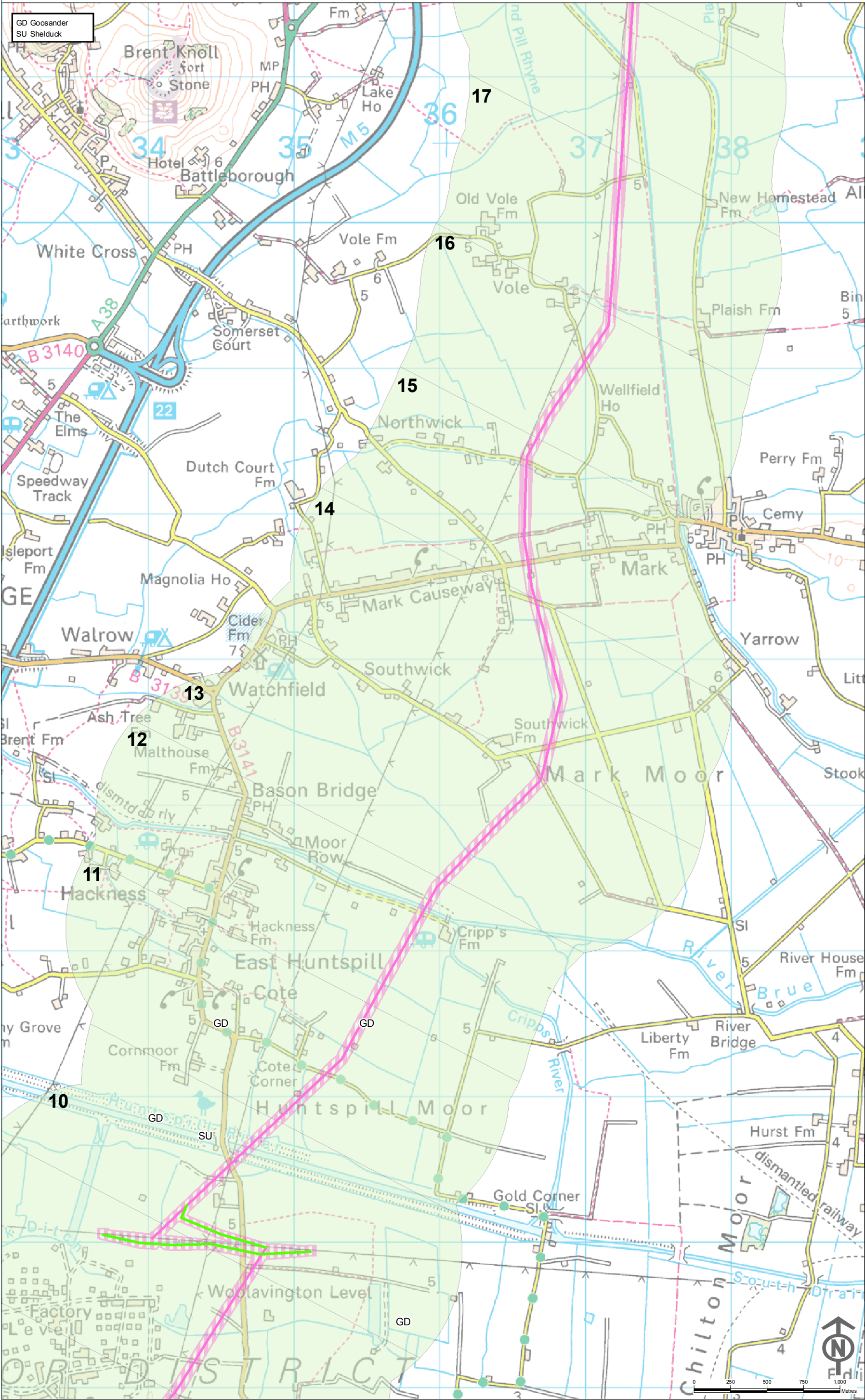
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WILDFOWL AND DIVERS

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National Grid plc, Warwick Technology Park, Galsborough Hill, Warwick, CV34 6DA

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Key

- Desktop Search Area
- 1 - 61 1km Linear Section ID
- Proposed Infrastructure
 - Proposed Route for 400kV Overhead Line
 - Proposed Route for Temporary 400kV Overhead Line
 - Proposed 400/132kV Overhead Line
 - Route Limits of Deviation

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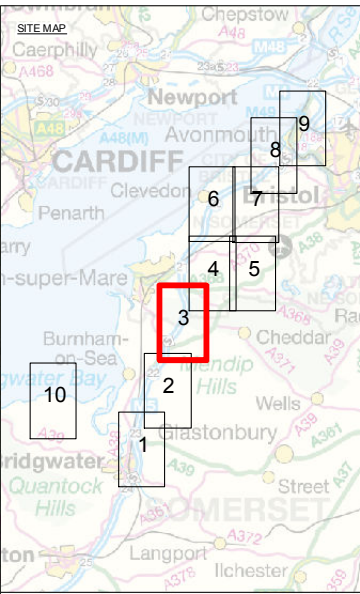
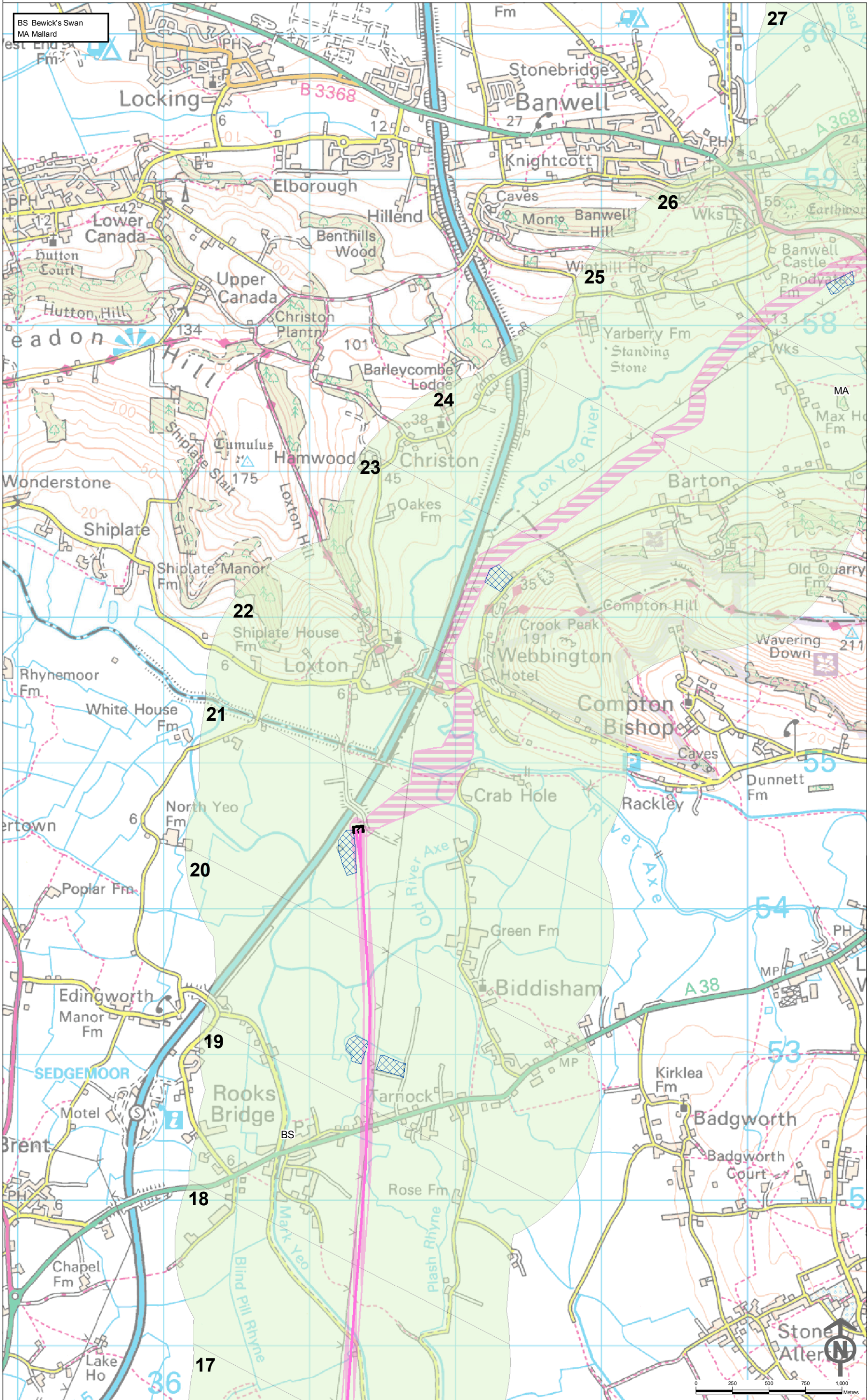
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DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS

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Key

- Desktop Search Area
- 1 - 61 1km Linear Section ID
- Proposed Infrastructure**
- Proposed Route for 400kV Overhead Line
- Proposed South of the Mendip Hills 400kV Cable Sealing End Compound Work Area
- Proposed Compound / Laydown Area
- Proposed 400/132kV Overhead Line Route Limits of Deviation
- Proposed 400kV Underground Cable Route Limits of Deviation

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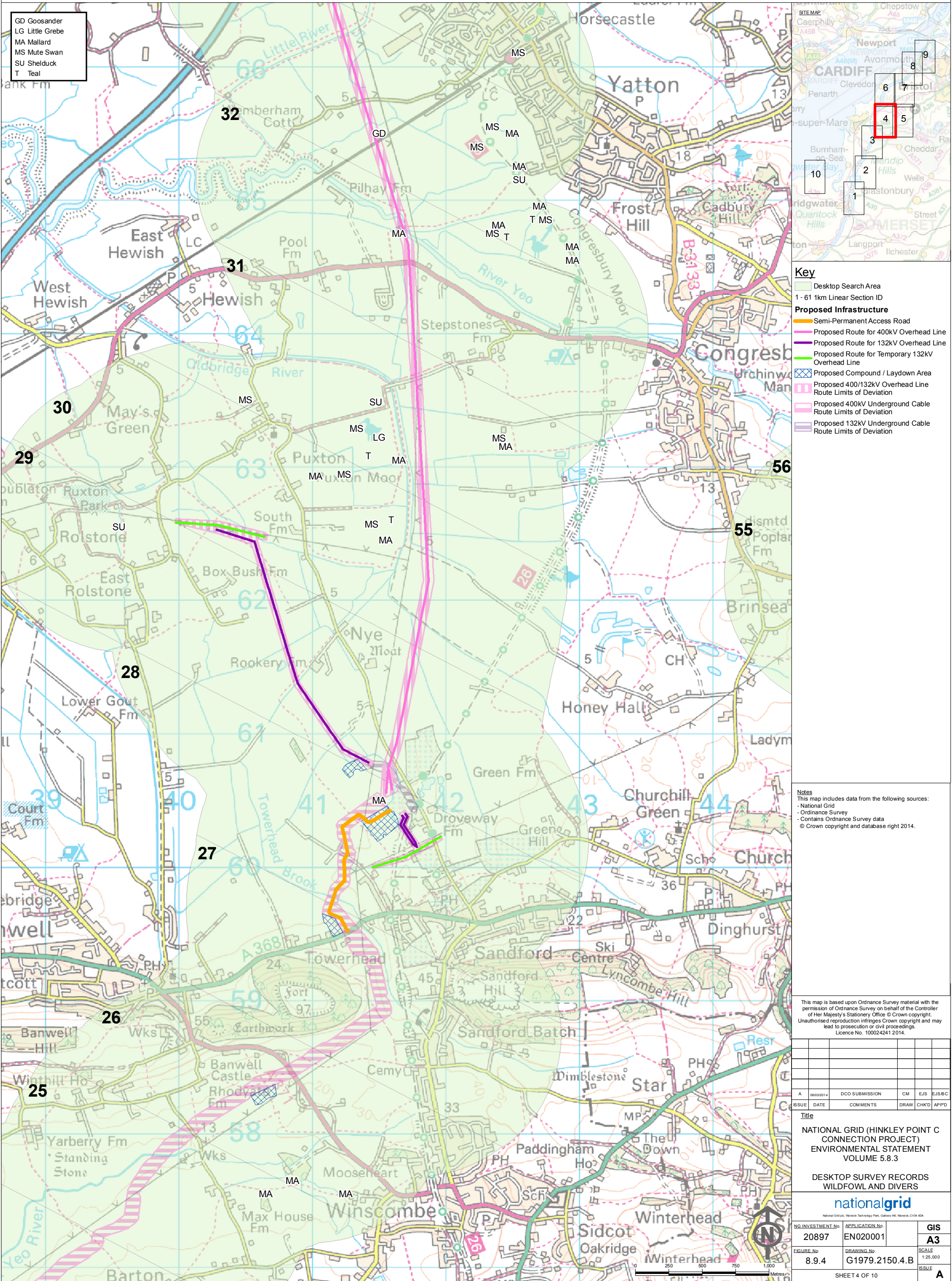
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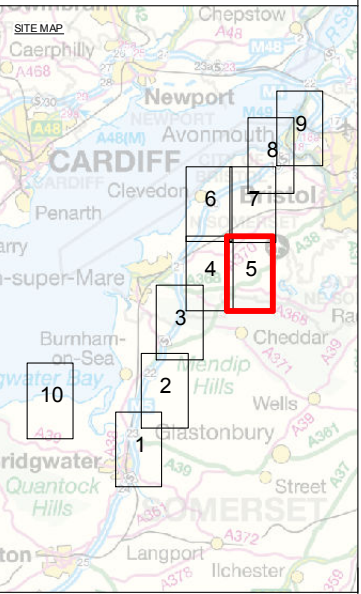
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DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS



DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS



- Key**
- Desktop Search Area
 - 1 - 61 1km Linear Section ID
 - Proposed Infrastructure**
 - Proposed Route for 132kV Overhead Line
 - Proposed Route for Temporary 132kV Overhead Line
 - Proposed Churchill 132kV Substation Work Area
 - Proposed Compound / Laydown Area
 - Proposed 400/132kV Overhead Line Route Limits of Deviation
 - Proposed 132kV Underground Cable Route Limits of Deviation

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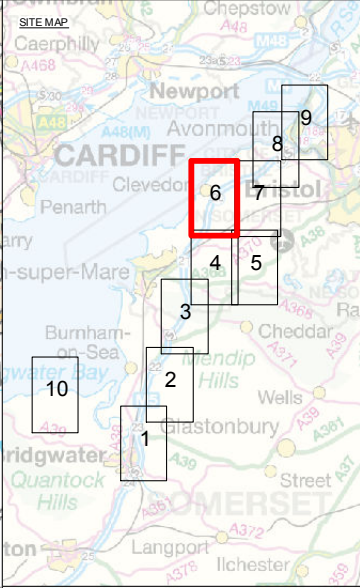
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WILDFOWL AND DIVERS

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- GD Goosander
- LG Little Grebe
- MA Mallard
- MS Mute Swan
- SU Shelduck
- T Teal
- TU Tufted Duck

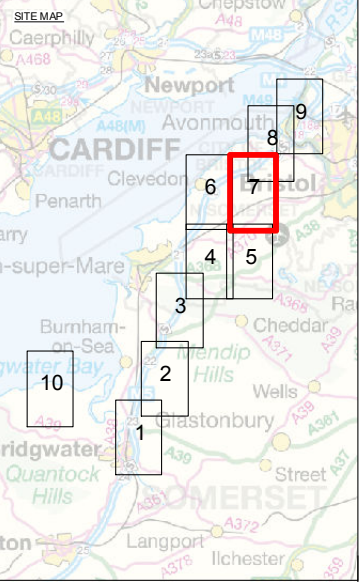
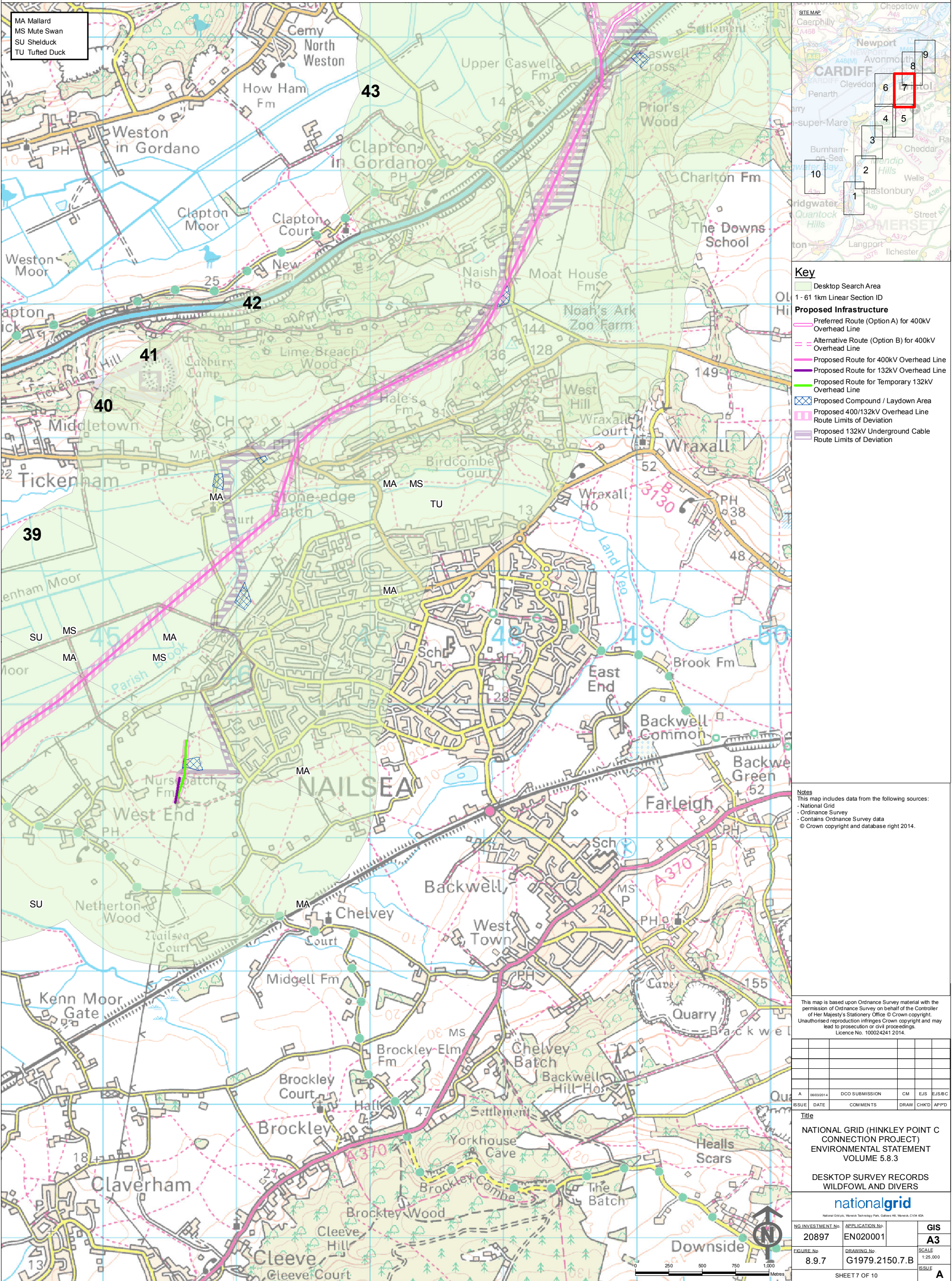


- Key**
- Desktop Search Area
 - 1 - 61 1km Linear Section ID
 - Proposed Infrastructure**
 - Proposed Route for 400kV Overhead Line
 - Proposed 400/132kV Overhead Line
 - Route Limits of Deviation

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 National Grid plc, Warwick Technology Park, Galsborough Rd, Warwick, CV34 4DA					
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SHEET 6 OF 10					
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- Key**
- Desktop Search Area
 - 1 - 61 km Linear Section ID
 - Preferred Route (Option A) for 400kV Overhead Line
 - Alternative Route (Option B) for 400kV Overhead Line
 - Proposed Route for 400kV Overhead Line
 - Proposed Route for 132kV Overhead Line
 - Proposed Route for Temporary 132kV Overhead Line
 - Proposed Compound / Laydown Area
 - Proposed 400/132kV Overhead Line Route Limits of Deviation
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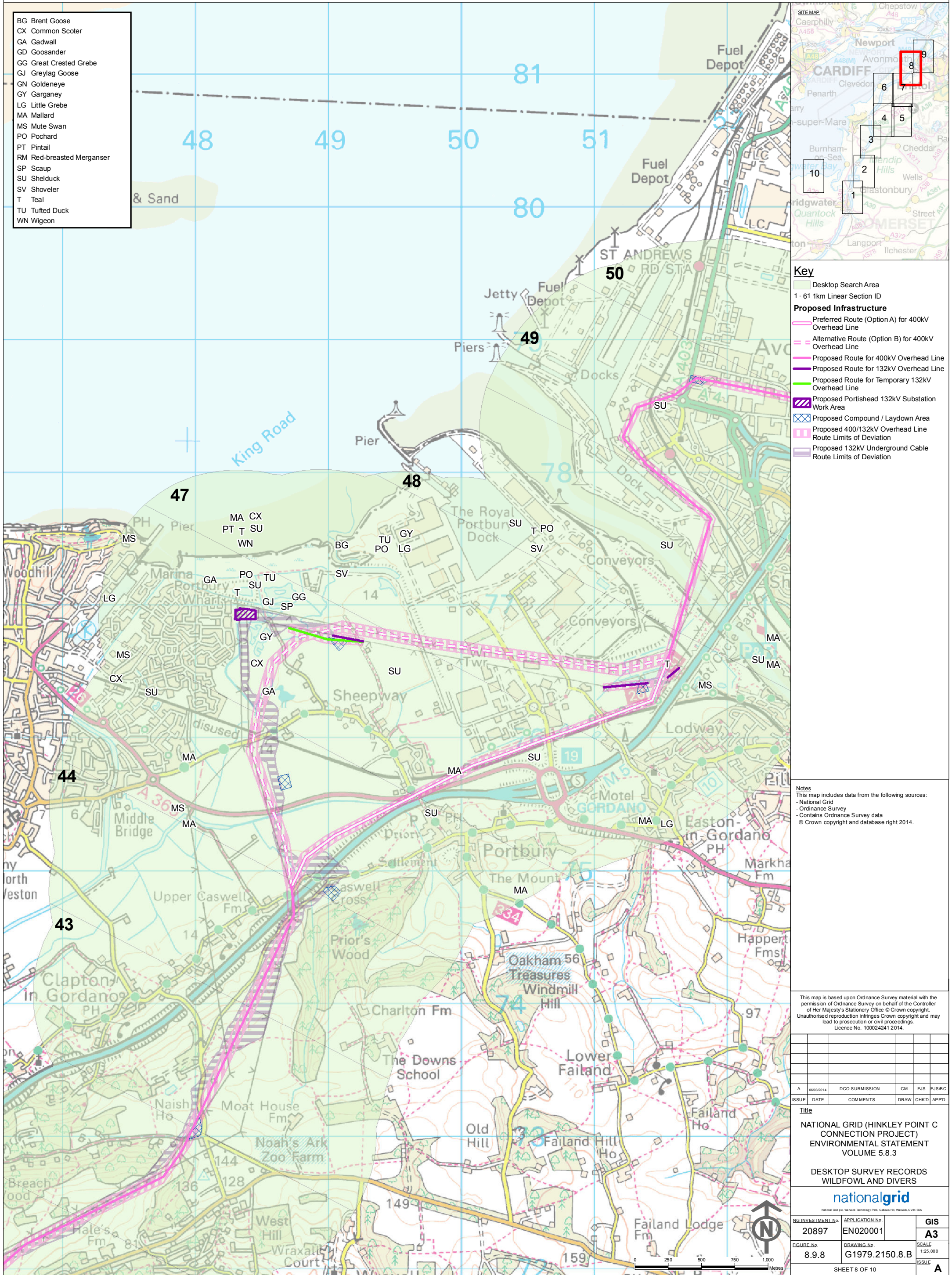
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WILDFOWL AND DIVERS**

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DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS



- BG Brent Goose
- CX Common Scoter
- GA Gadwall
- GD Goosander
- GG Great Crested Grebe
- GJ Greylag Goose
- GN Goldeneye
- GY Garganey
- LG Little Grebe
- MA Mallard
- MS Mute Swan
- PO Pochard
- PT Pintail
- RM Red-breasted Merganser
- SP Scaup
- SU Shelduck
- SV Shoveler
- T Teal
- TU Tufted Duck
- WN Wigeon

Key

- Desktop Search Area
- 1 - 61 1km Linear Section ID
- Proposed Infrastructure**
- Preferred Route (Option A) for 400kV Overhead Line
- Alternative Route (Option B) for 400kV Overhead Line
- Proposed Route for 400kV Overhead Line
- Proposed Route for 132kV Overhead Line
- Proposed Route for Temporary 132kV Overhead Line
- Proposed Portishead 132kV Substation Work Area
- Proposed Compound / Laydown Area
- Proposed 400/132kV Overhead Line Route Limits of Deviation
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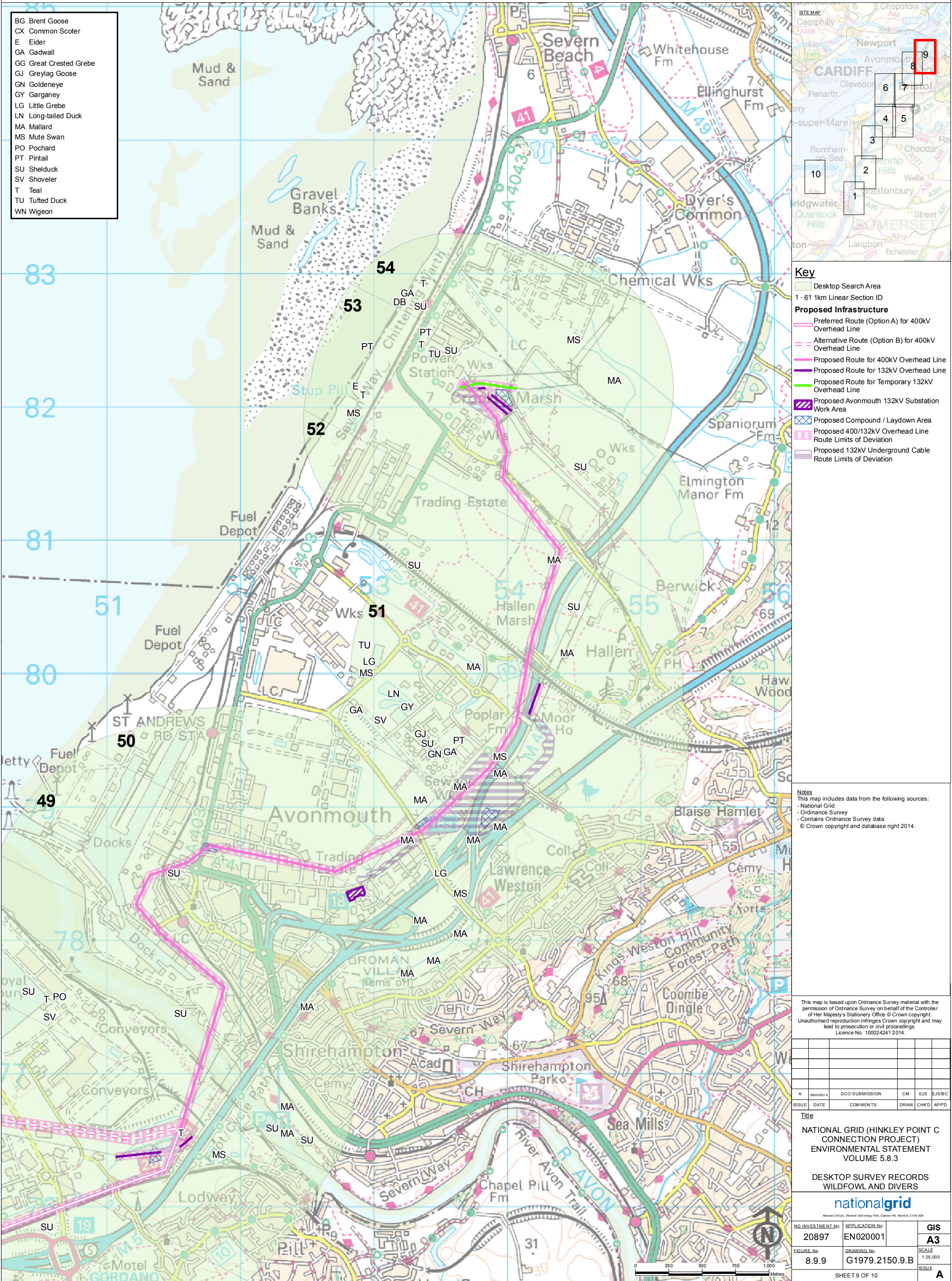
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NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.8.3

DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS

nationalgrid
National Grid plc, Warwick Technology Park, Galsborough Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.	GIS
20897	EN020001	A3
FIGURE No.	DRAWING No.	SCALE
8.9.8	G1979.2150.8.B	1:25,000
SHEET 8 OF 10		ISSUE
		A

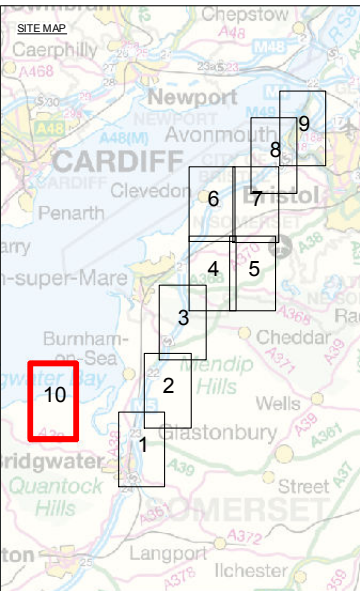
DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS



NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.8.3

DESKTOP SURVEY RECORDS
WILDFOWL AND DIVERS

CX Common Scoter
RH Red-throated Diver
SP Scaup
SU Shelduck



Key
Desktop Search Area
1 - 61 1km Linear Section ID
Proposed Infrastructure
Proposed Route for 400kV Overhead Line
Proposed 400/132kV Overhead Line
Route Limits of Deviation

Notes
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DESKTOP SURVEY RECORDS WILDFOWL AND DIVERS					
nationalgrid					
National Grid plc, Warwick Technology Park, Grafton Way, Warwick, CV34 6DA					
NG INVESTMENT No.	20897	APPLICATION No.	EN020001	GIS	A3
FIGURE No.	8.9.10	DRAWING No.	G1979.2150.10.B	SCALE	1:25,000
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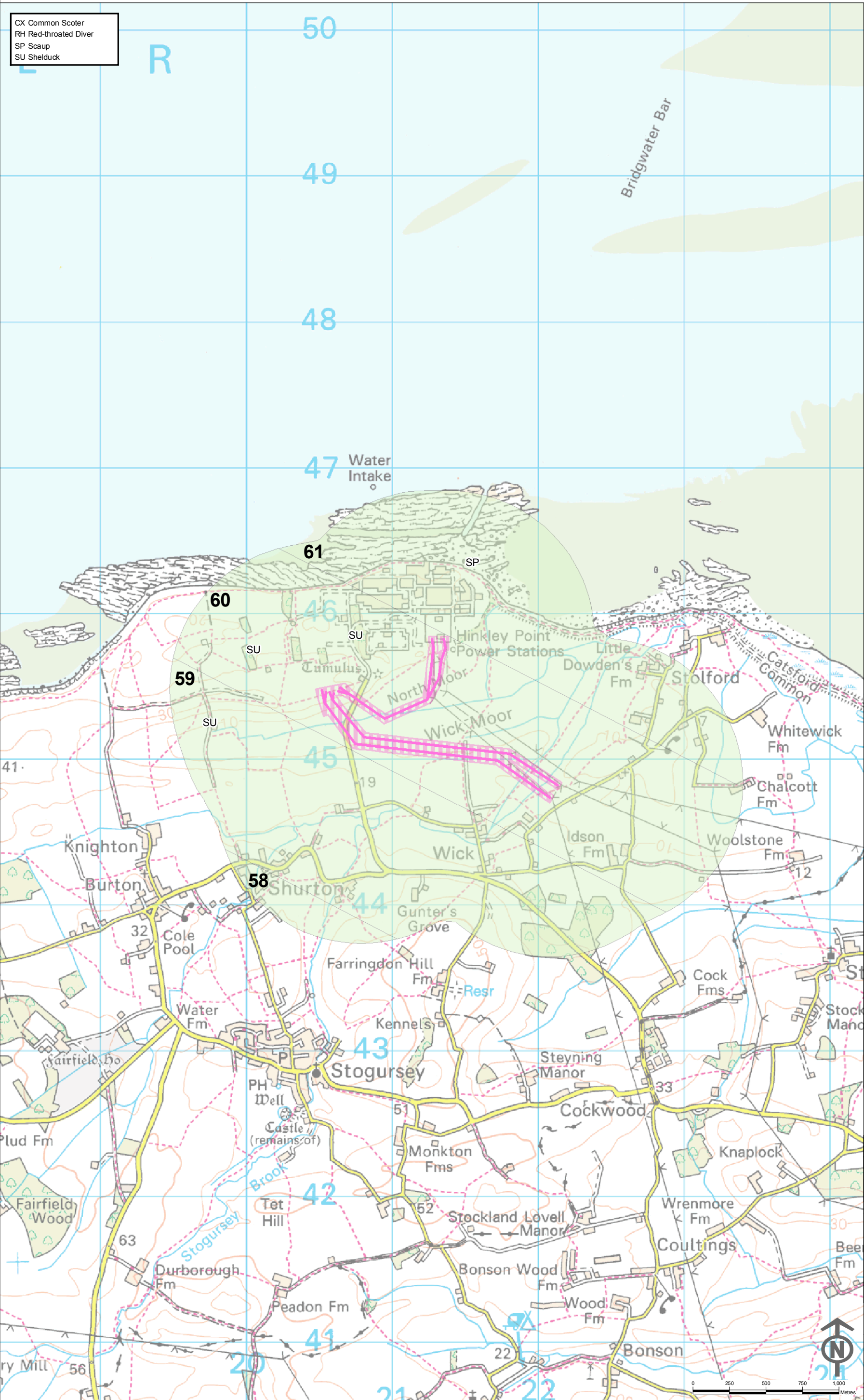
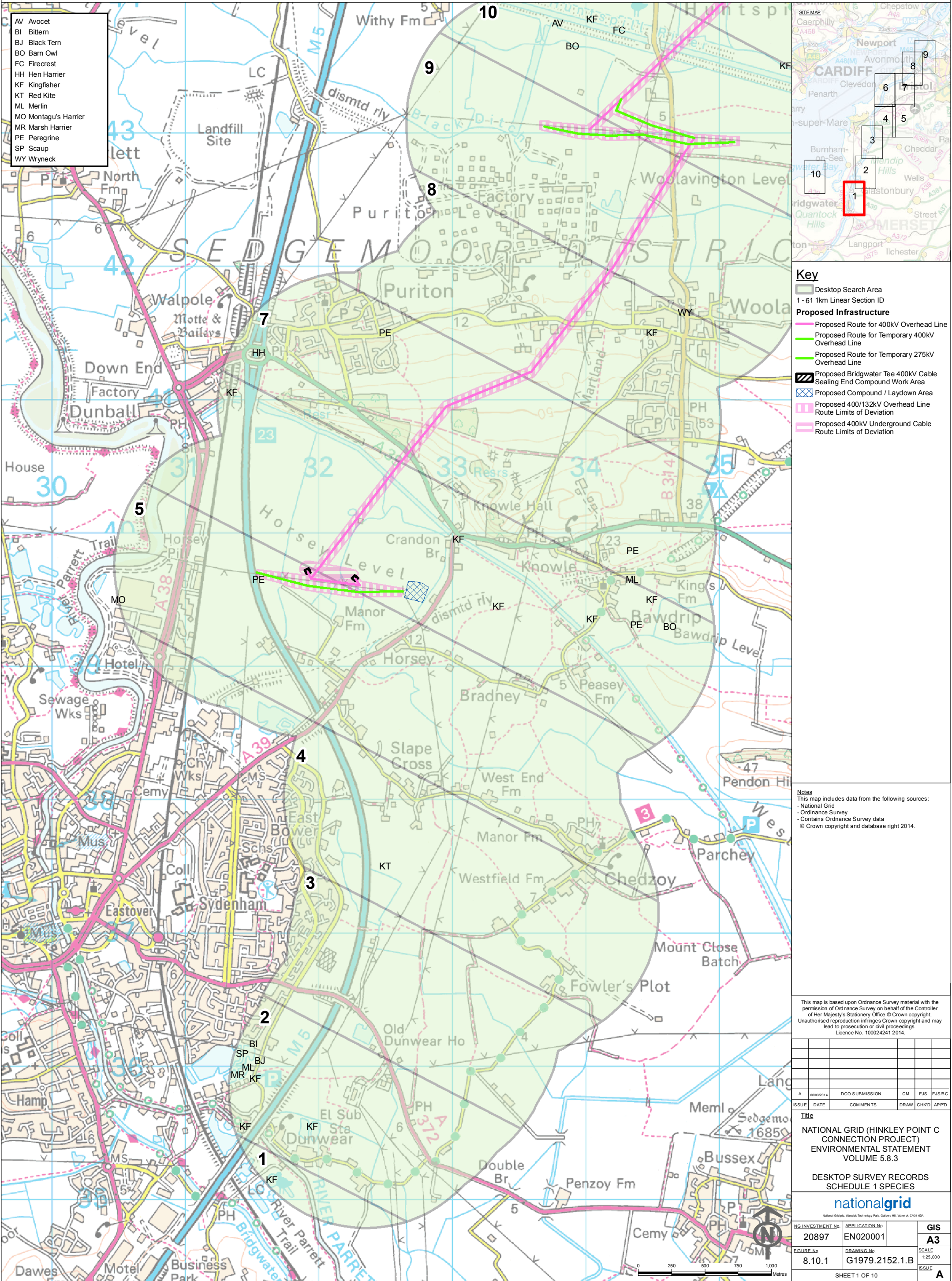


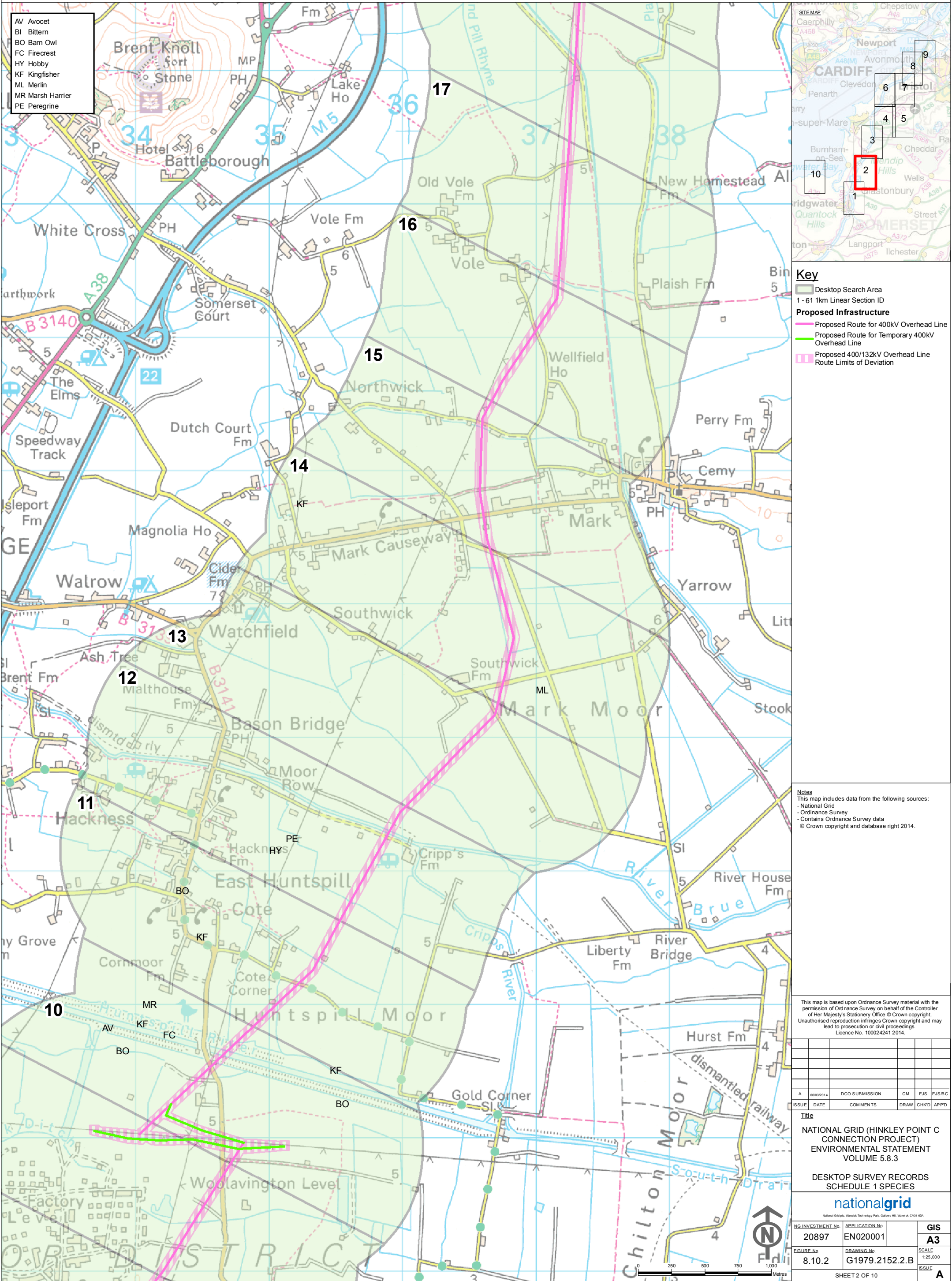
Figure 8.10 - Desktop Survey Records – Schedule 1 Species

DESKTOP SURVEY RECORDS
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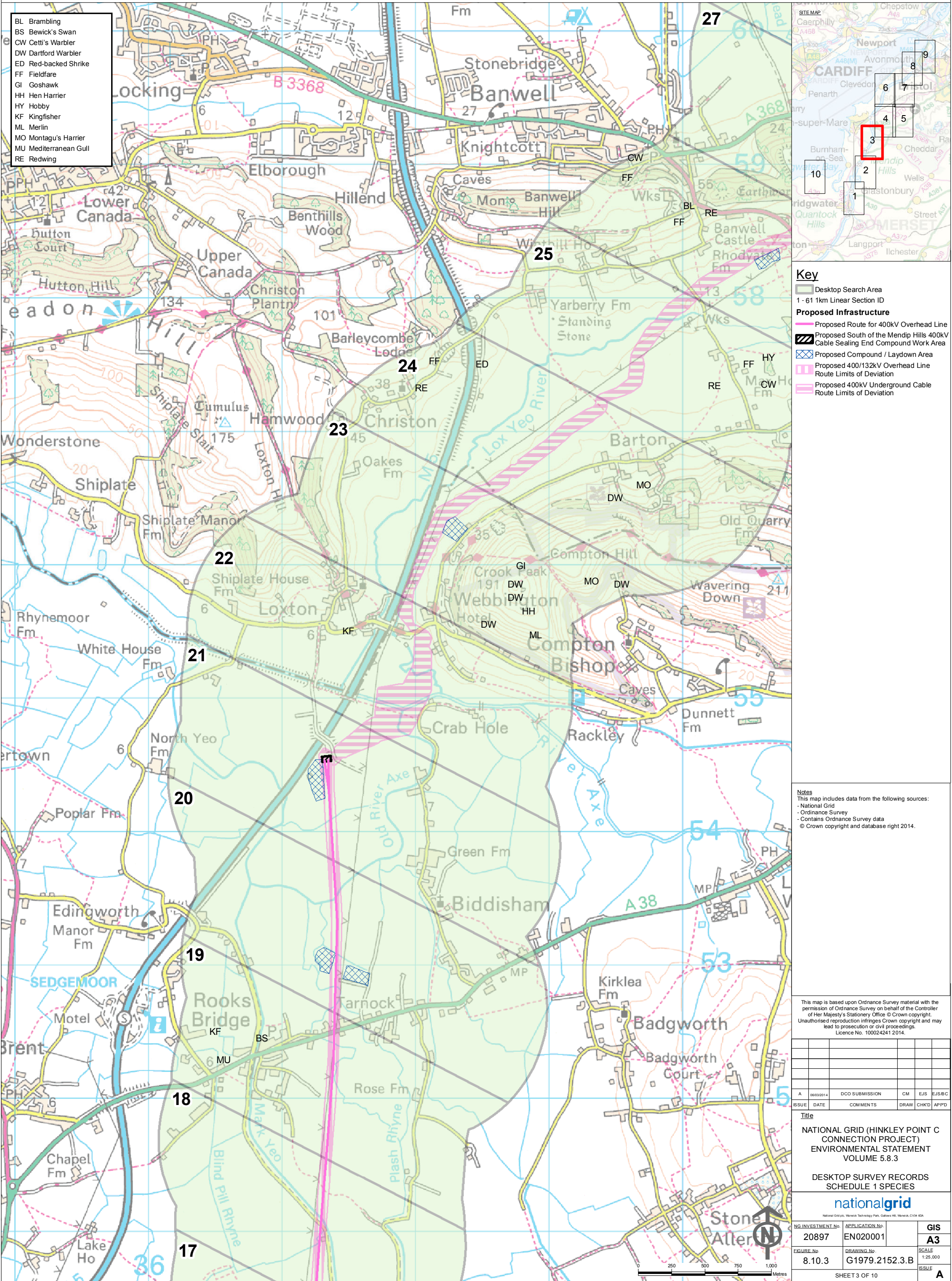


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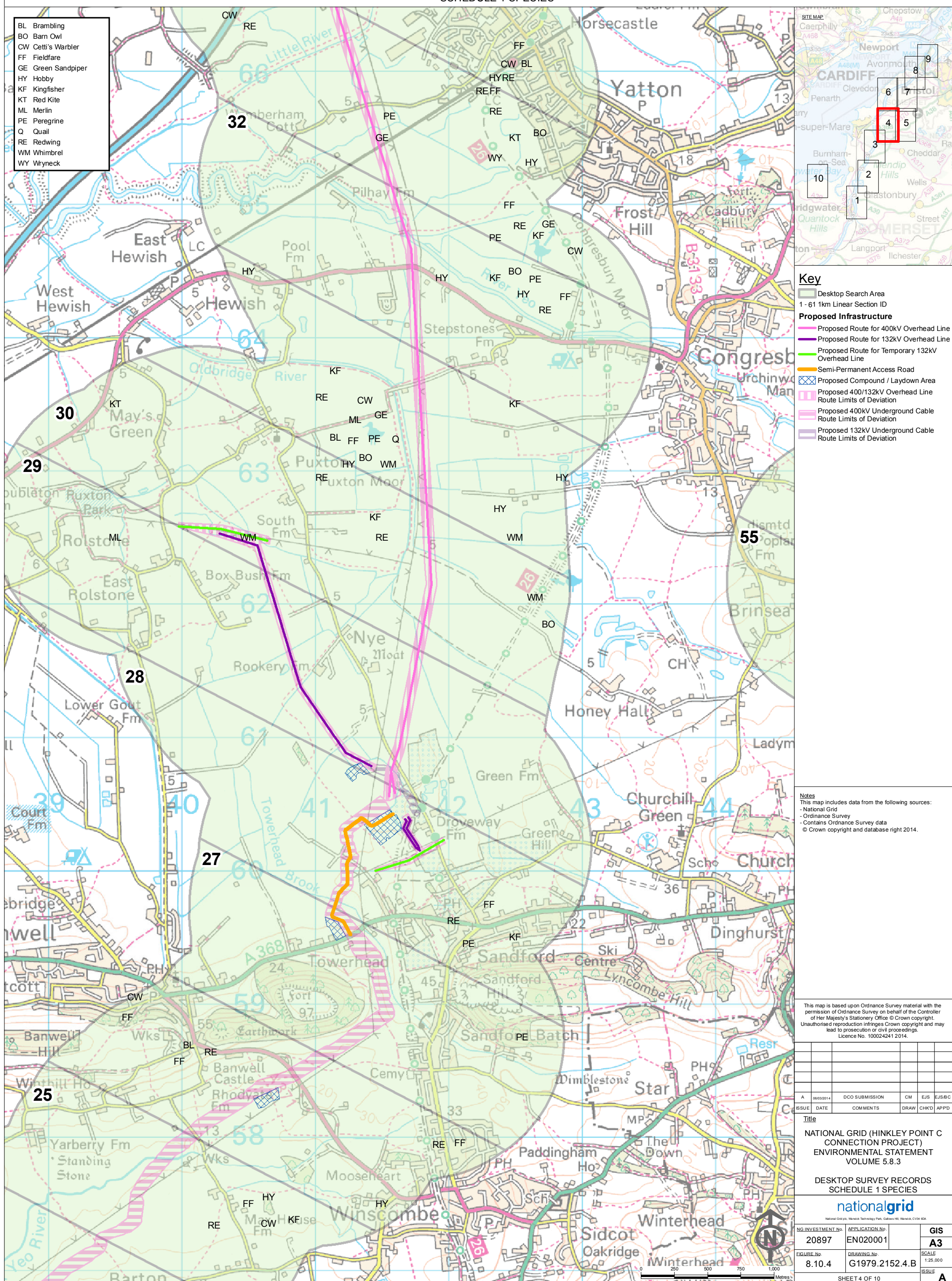
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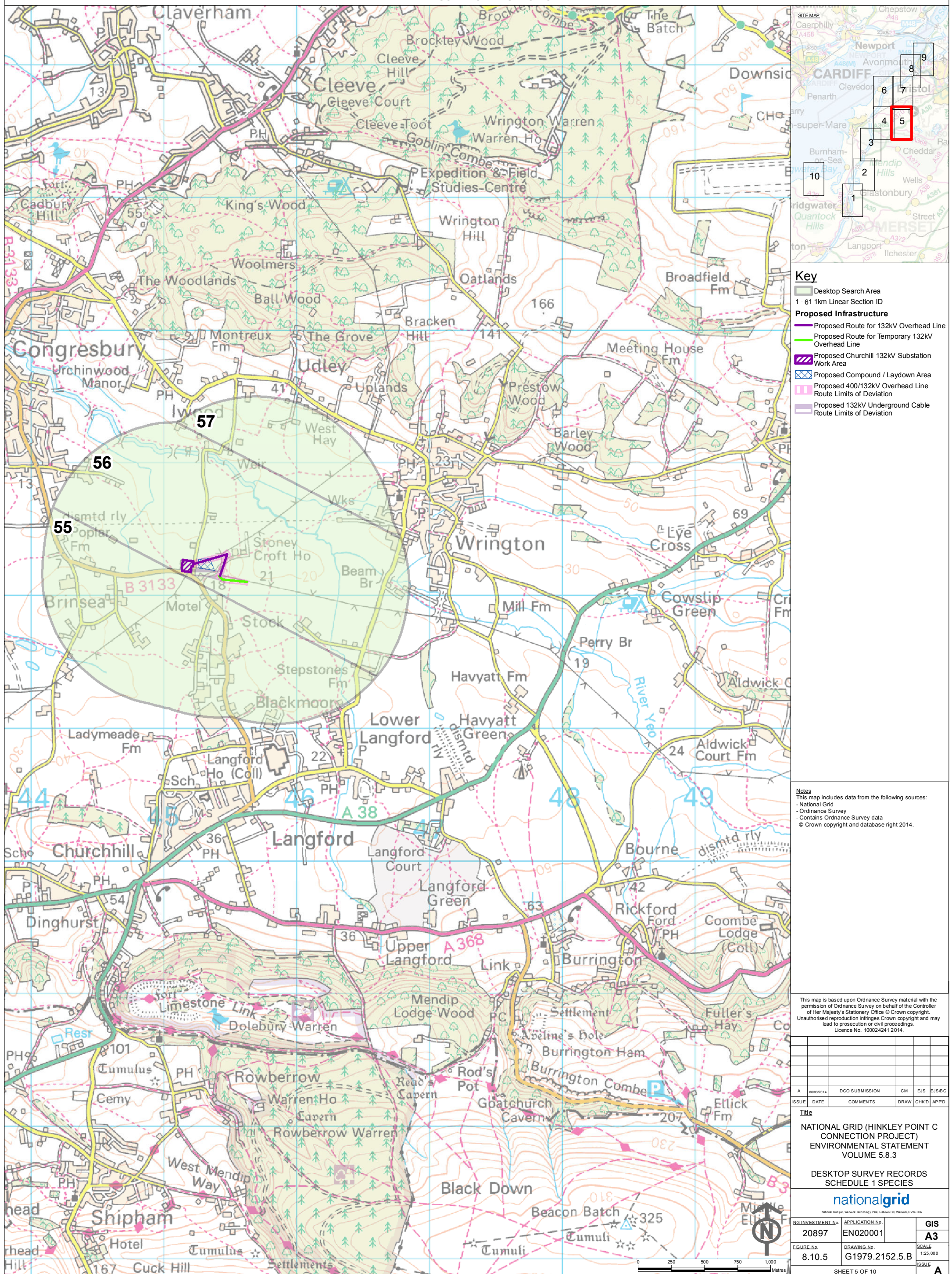
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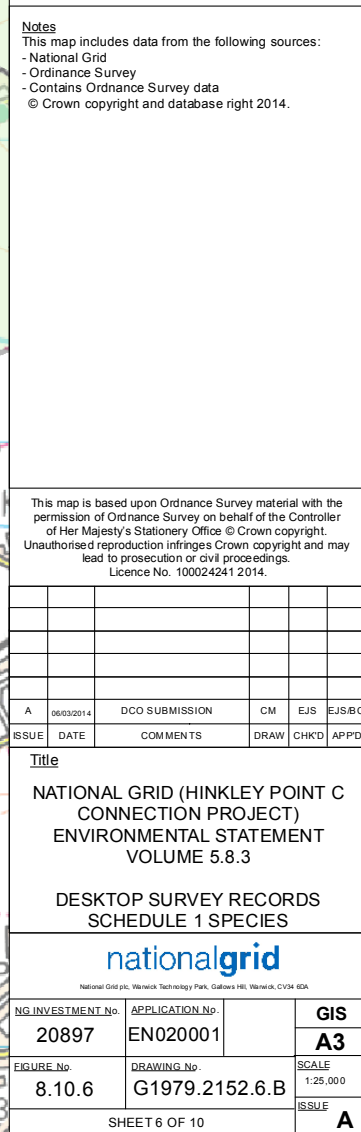
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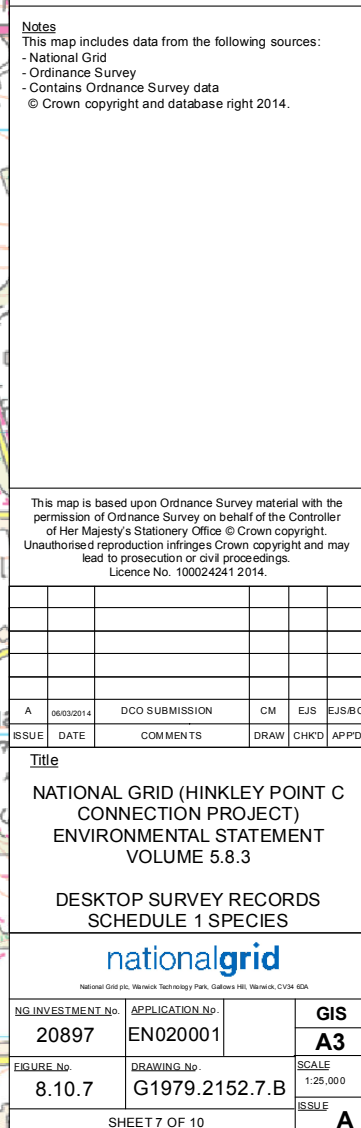
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SCHEDULE 1 SPECIES



DESKTOP SURVEY RECORDS
SCHEDULE 1 SPECIES

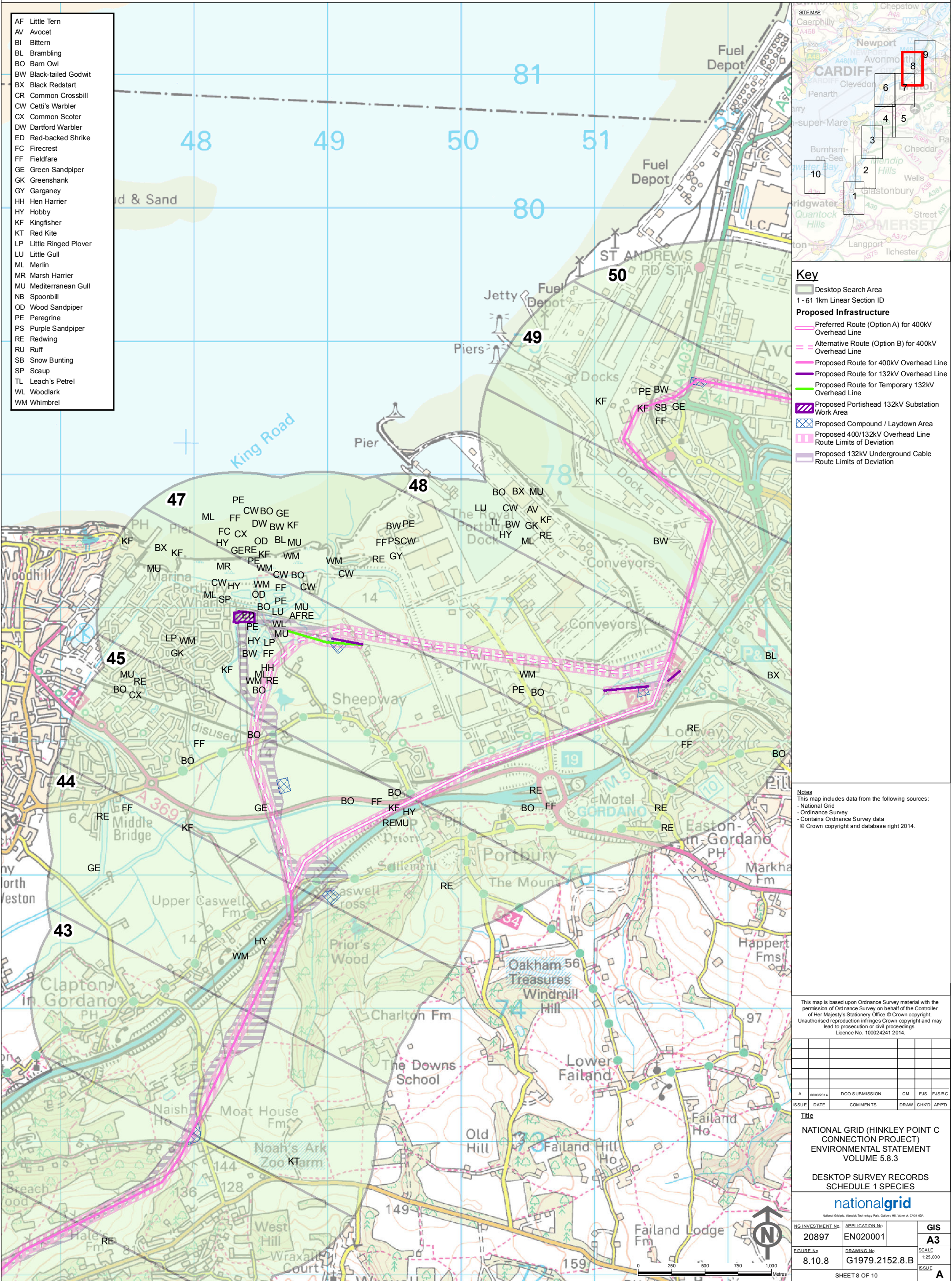


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SCHEDULE 1 SPECIES

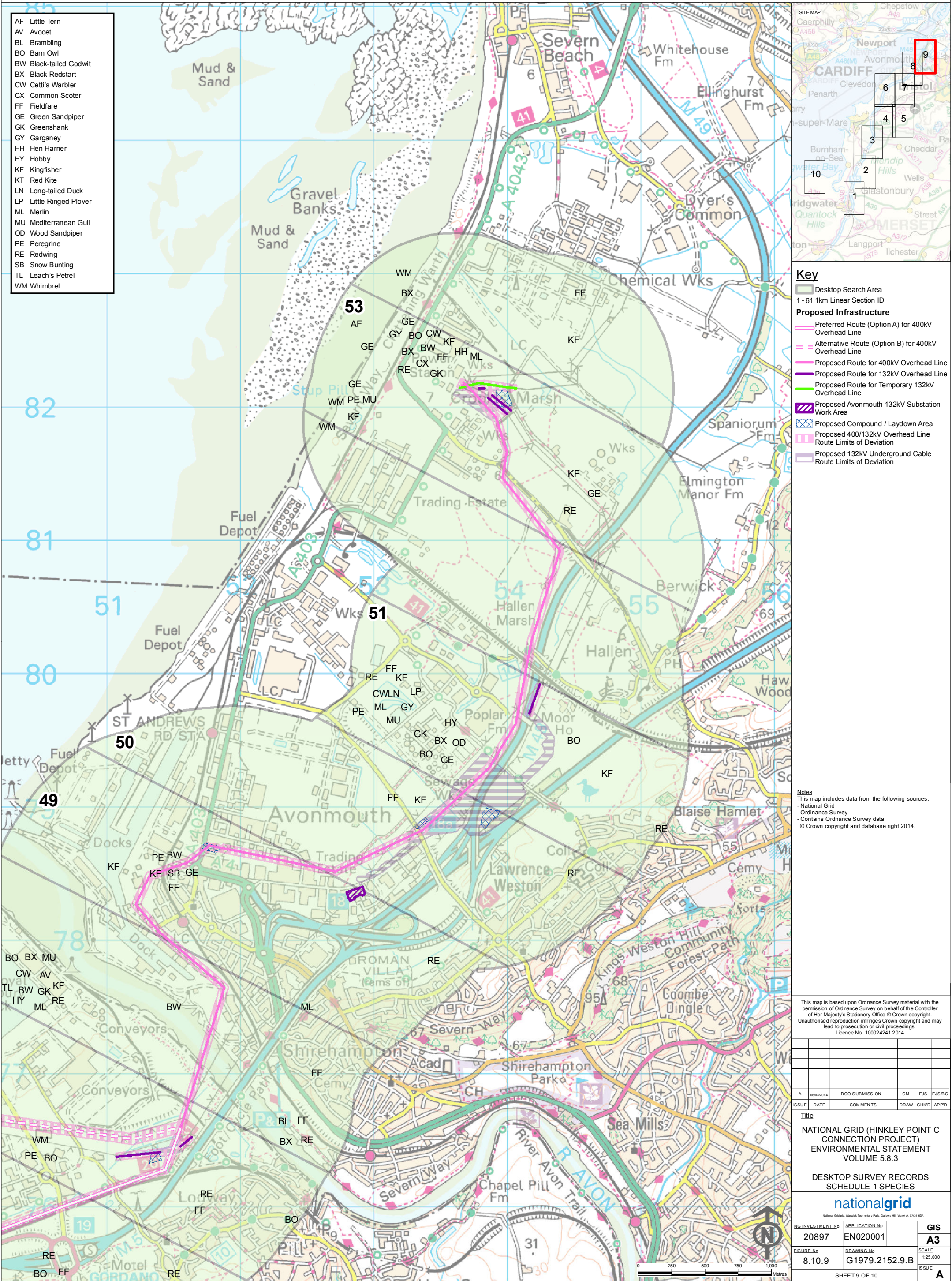


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DESKTOP SURVEY RECORDS
SCHEDULE 1 SPECIES

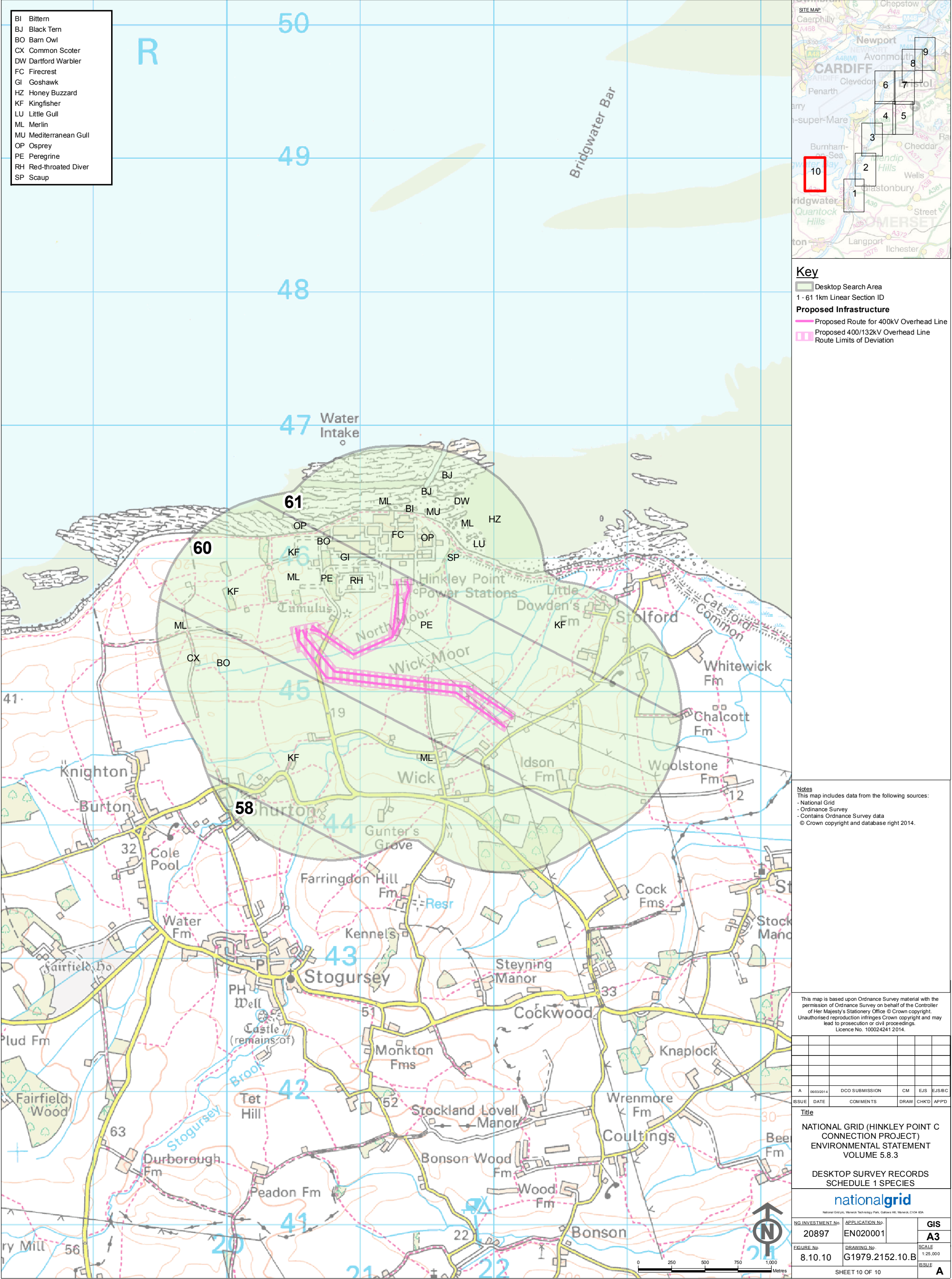


DESKTOP SURVEY RECORDS
SCHEDULE 1 SPECIES

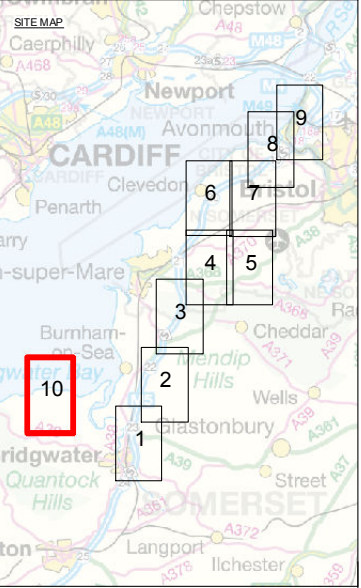


NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
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DESKTOP SURVEY RECORDS
SCHEDULE 1 SPECIES



- BI Bittern
- BJ Black Tern
- BO Barn Owl
- CX Common Scoter
- DW Dartford Warbler
- FC Firecrest
- GI Goshawk
- HZ Honey Buzzard
- KF Kingfisher
- LU Little Gull
- ML Merlin
- MU Mediterranean Gull
- OP Osprey
- PE Peregrine
- RH Red-throated Diver
- SP Scaup



Key

- Desktop Search Area
- 1 - 61 1km Linear Section ID
- Proposed Infrastructure**
- Proposed Route for 400kV Overhead Line
- Proposed 400/132kV Overhead Line
- Route Limits of Deviation

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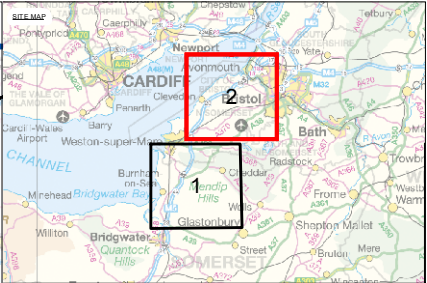
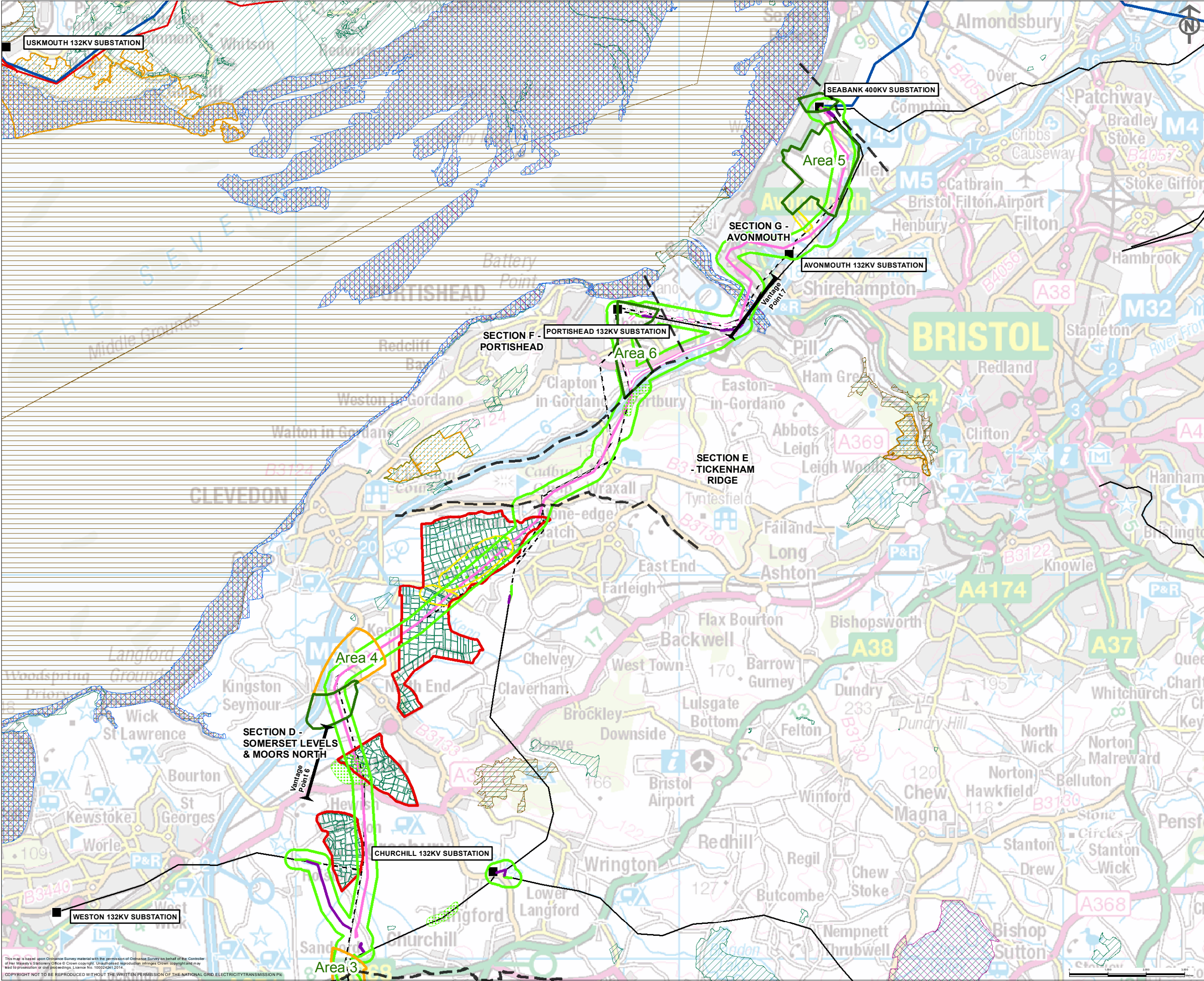
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DESKTOP SURVEY RECORDS
SCHEDULE 1 SPECIES

nationalgrid
National Grid plc, Watlington Technology Park, Watlington, Oxford, OX4 9DA

NG INVESTMENT No.	APPLICATION No.	GIS
20897	EN020001	A3
FIGURE No.	DRAWING No.	SCALE
8.10.10	G1979.2152.10.B	1:25,000
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		A

Figure 8.11 - Winter Bird Survey Locations 2009-2014



- Key**
- Proposed Infrastructure**
- Preferred Route (Option A) for 400kV Overhead Line
 - Alternative Route (Option B) for 400kV Overhead Line
 - Proposed Route for 400kV Overhead Line
 - Proposed Route for 132kV Overhead Line
 - Proposed Route for Temporary 132kV Overhead Line
 - Section Boundary
- Existing Infrastructure**
- Existing Substation
 - Existing 400kV Overhead Line
 - Existing 275kV Overhead Line
 - Existing Western Power Distribution 132kV Overhead Line To Be Removed
 - Existing Western Power Distribution Overhead Line on Pylons
- Ecological Designations**
- Ramsar
 - Special Area of Conservation
 - Special Protection Area
 - Site of Special Scientific Interest
 - National Nature Reserve
- Winter Bird Survey Locations**
- Winter Bird Survey Area 2012
 - Initial Winter Bird Survey Area 2012
 - Survey Areas 2009 - 2010
 - Nocturnal Survey Area 2012
 - Additional Habitat Assessment and Nocturnal Area
 - Additional Wader and Wildfowl Assessment Area 2012
- Vantage Point Survey**
- Vantage Points 2009-2010

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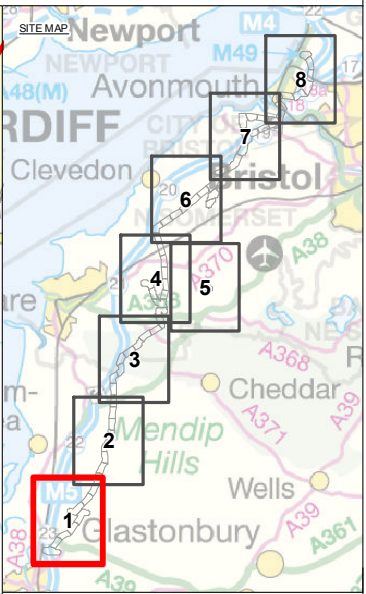
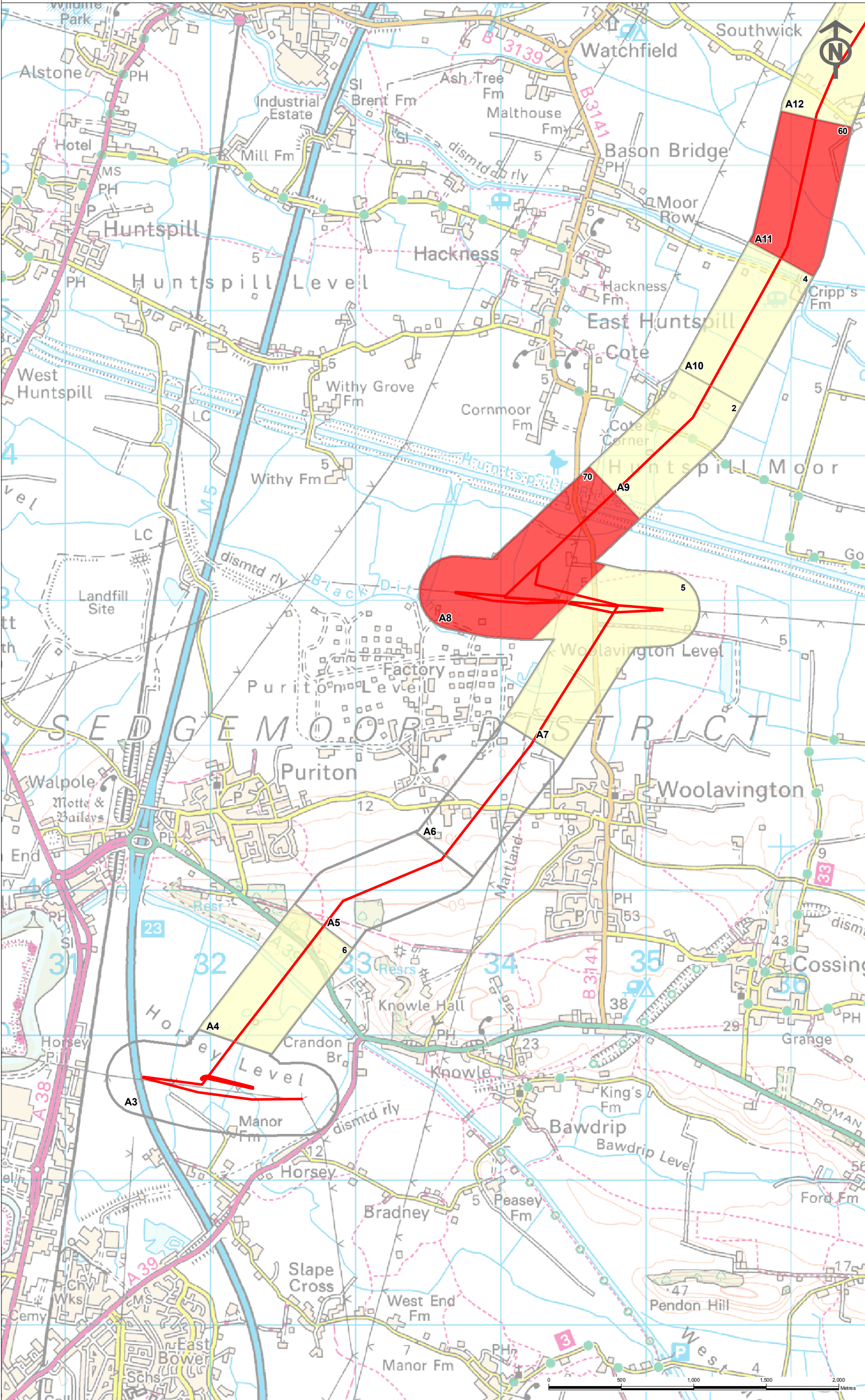
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WINTER BIRD SURVEY LOCATIONS
2009 -2014

			
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20897	EN020001		A3
FIGURE No.	DRAWING No.	SCALE	ISSUE
8.11.2	G1979.2148.2.C	1:90,000	
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Figure 8.12 - Winter Bird Surveys Visits 1-7 (2012 and 2013) – Waders and Wildfowl Abundance

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ENVIRONMENTAL STATEMENT
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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 1



Key

- 250m Search Area
- Proposed Infrastructure
 - Draft Route
- Waders & Wildfowl
- Bird Count Per 1km Section
 - None (0)
 - Very Low (1 - 18)
 - Moderate (48 - 72)
- A1 1km Linear Section ID

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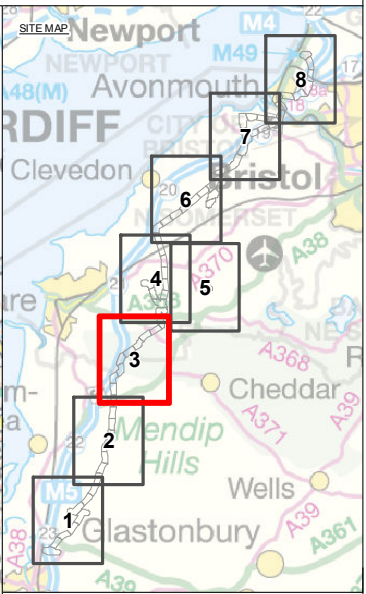
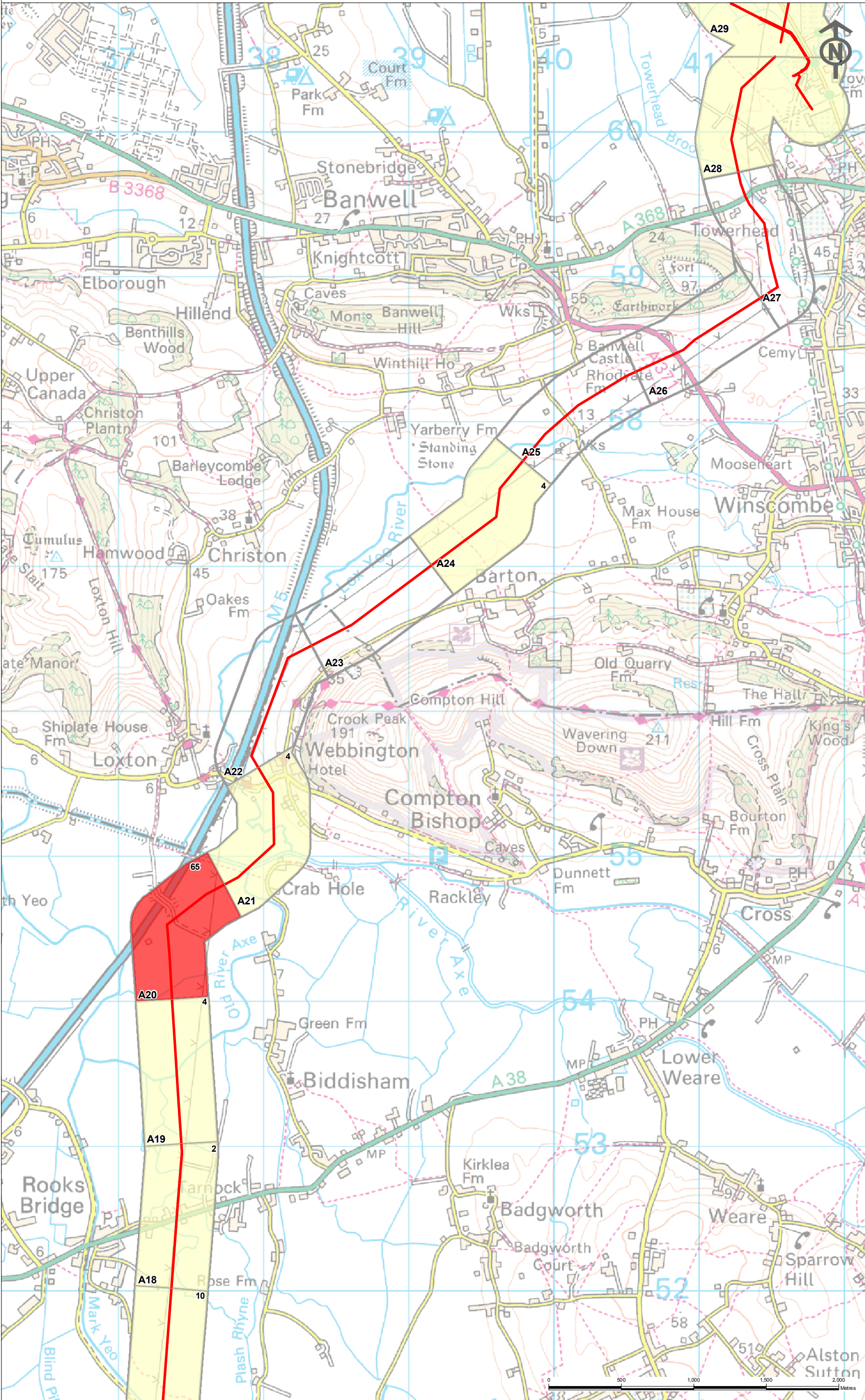
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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 1

nationalgrid National Grid plc, Warwick Technology Park, Galsborough Road, Warwick, CV34 6DA			GIS
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FIGURE No.	DRAWING No.	SCALE	
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INSET 2

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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 3



Key

- 250m Search Area
- Proposed Infrastructure
 - Draft Route
- Waders & Wildfowl
- Bird Count Per 1km Section
 - None (0)
 - Very Low (1 - 18)
 - Moderate (48 - 72)
- A1 1km Linear Section ID

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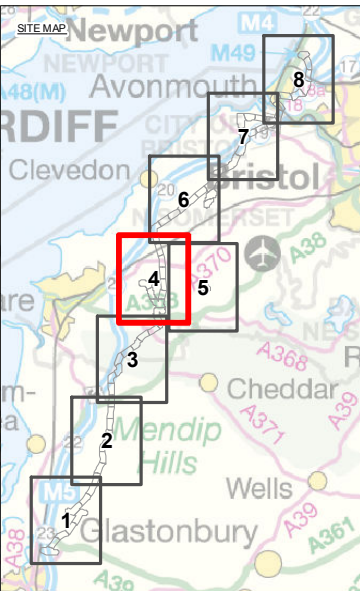
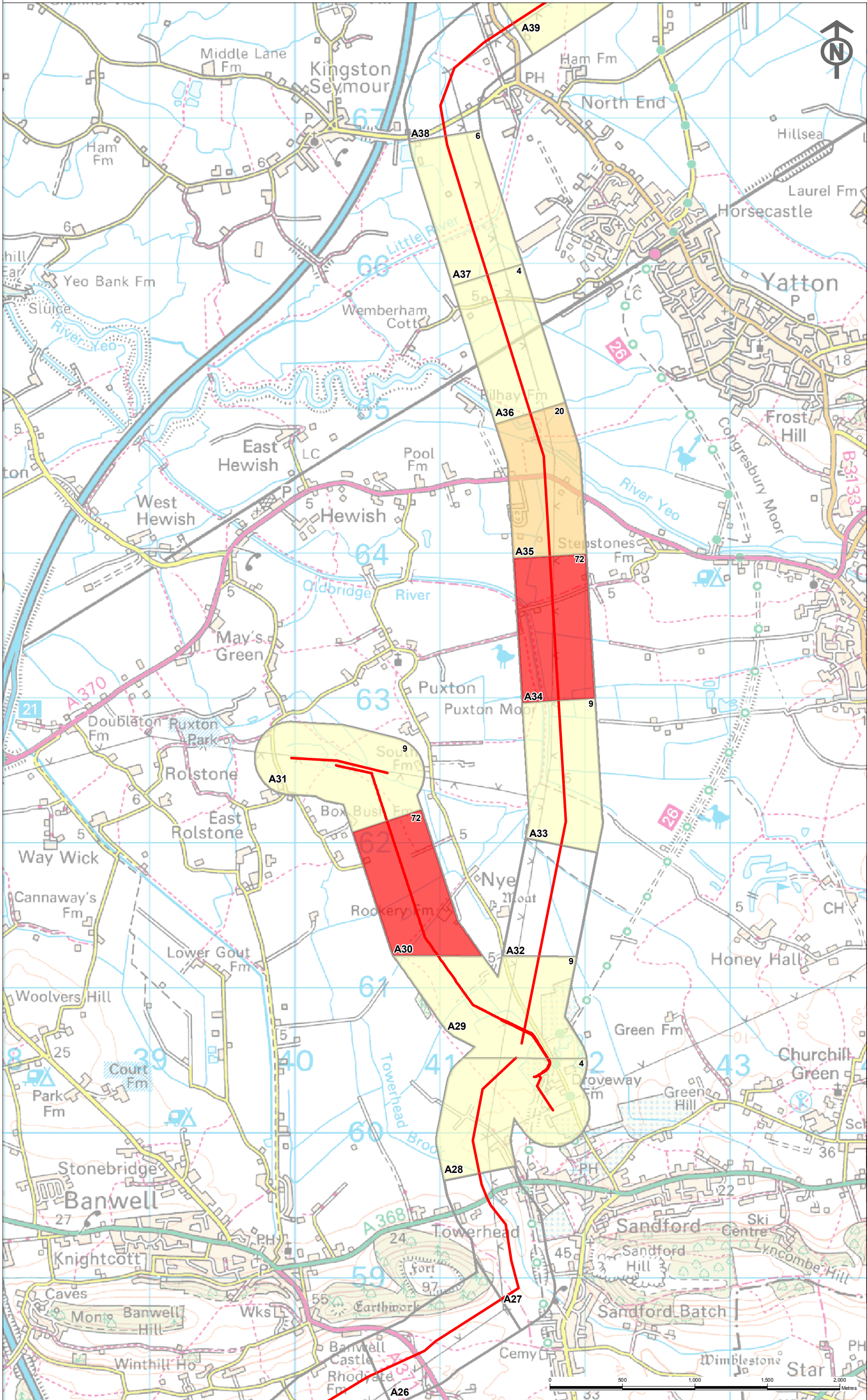
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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 3

nationalgrid		
National Grid plc, Network Technology Park, Gifford, Midlothian, EH26 9DA		
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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 4



- Key**
- 250m Search Area
 - Proposed Infrastructure
 - Draft Route
 - Waders & Wildfowl
 - Bird Count Per 1km Section
 - None (0)
 - Very Low (1 - 18)
 - Low (19 - 47)
 - Moderate (48 - 72)
 - A1 1km Linear Section ID

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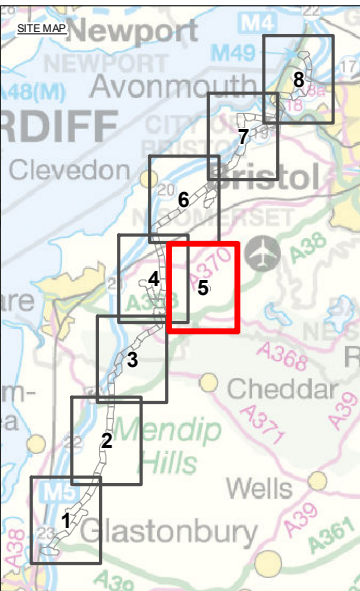
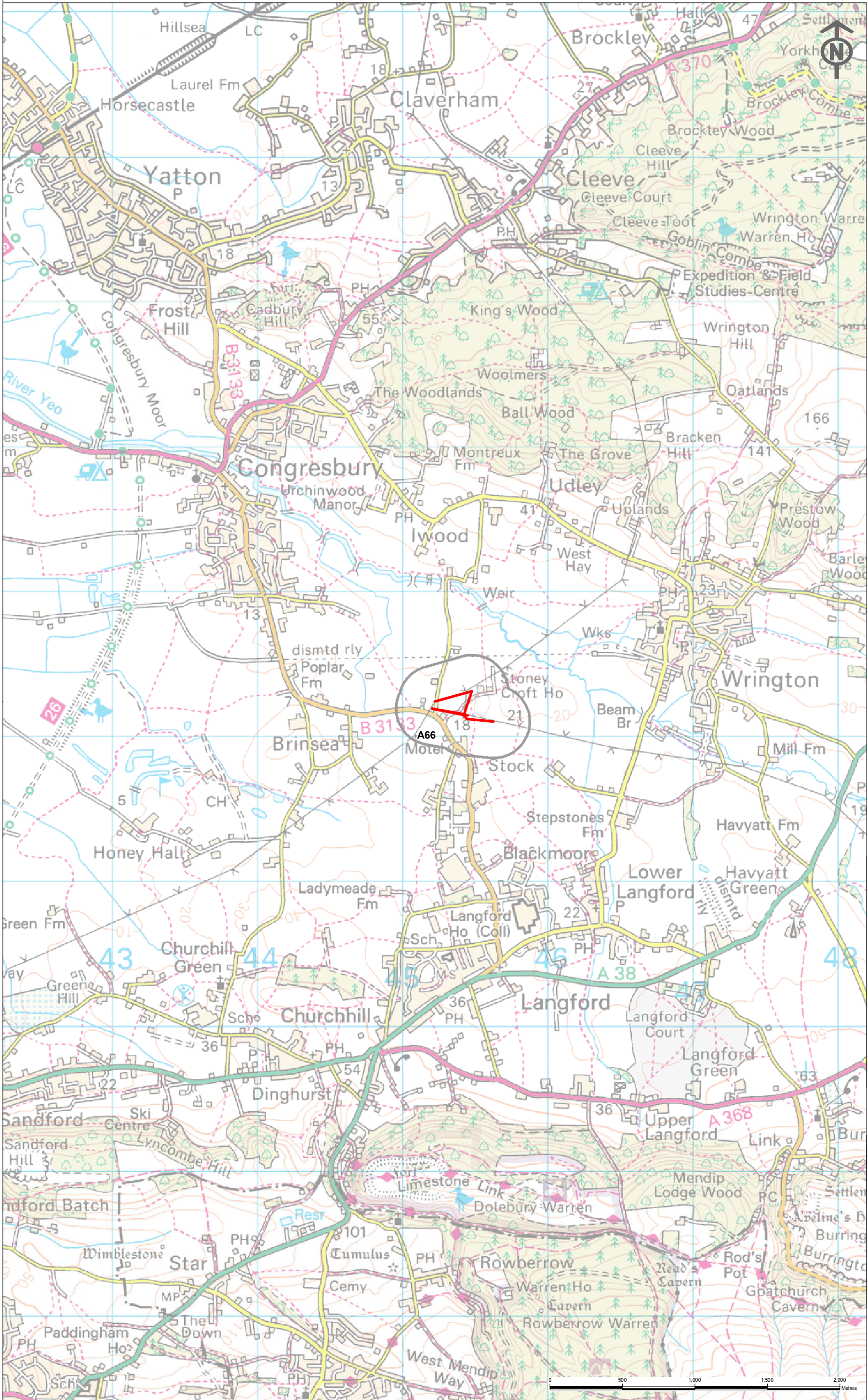
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VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 4

nationalgrid		GIS A3
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WINTER BIRD SURVEYS VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 5



Key

- 250m Search Area
- Proposed Infrastructure
- Draft Route
- Waders & Wildfowl
- Bird Count Per 1km Section
- None (0)
- A1 1km Linear Section ID

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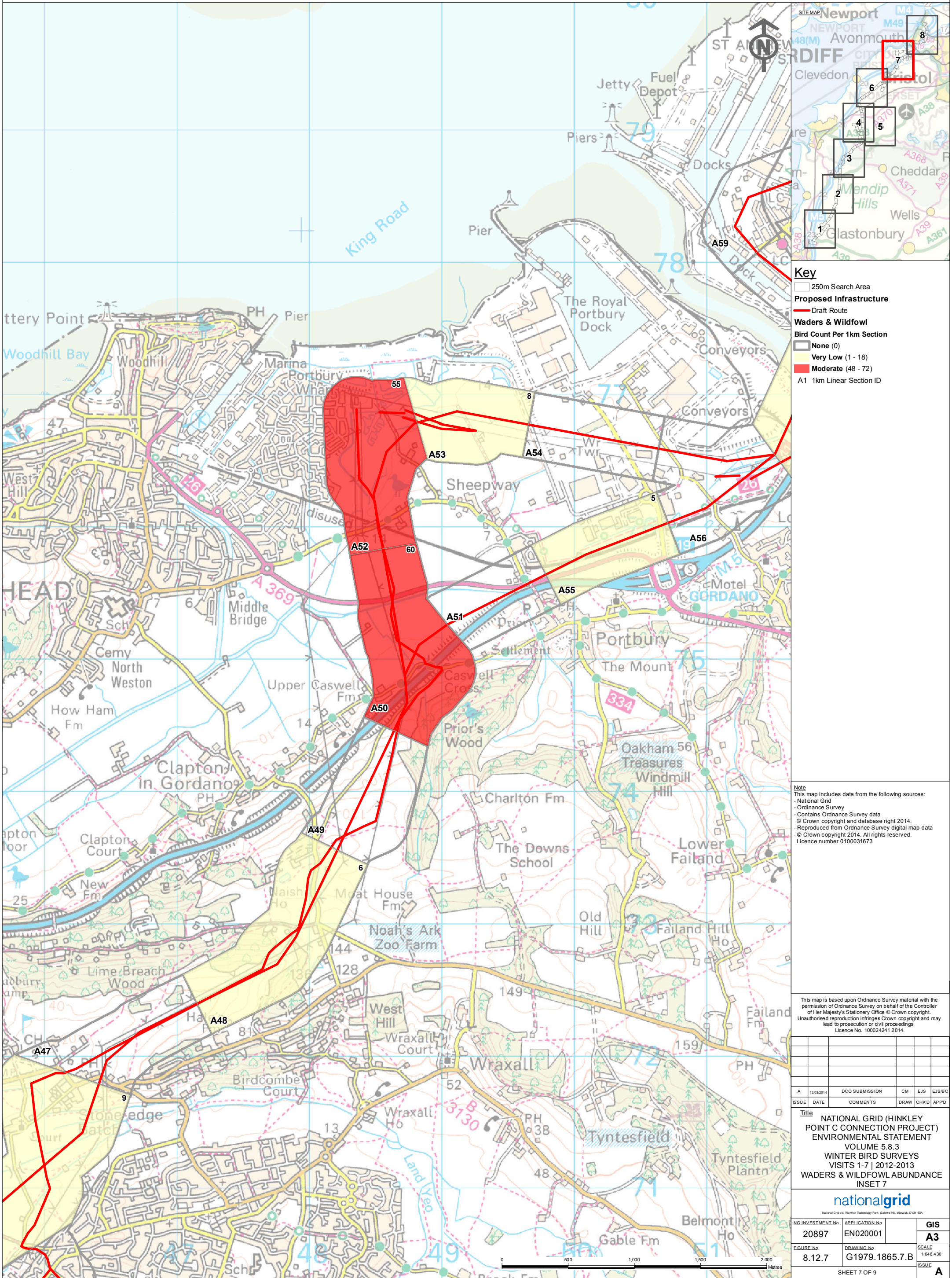
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WINTER BIRD SURVEYS
VISITS 1-7 | 2012-2013
WADERS & WILDFOWL ABUNDANCE
INSET 5

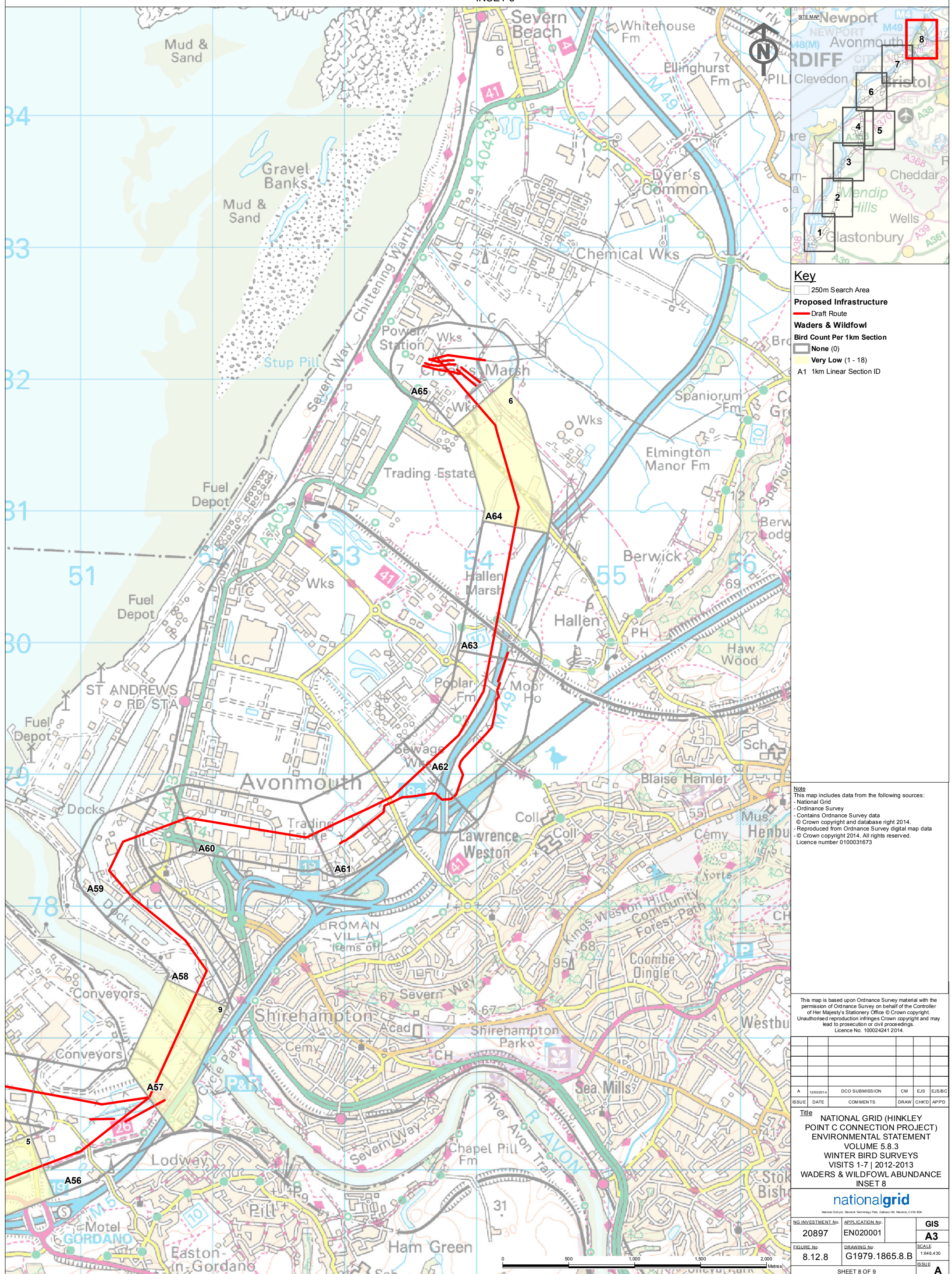
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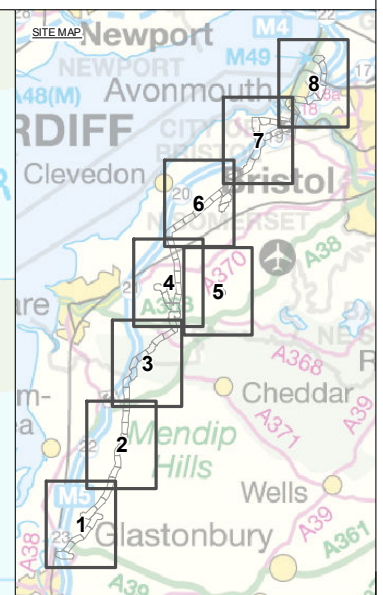
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INSET 7



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WADERS & WILDFOWL ABUNDANCE
INSET 8





A1 1km Linear Section ID

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