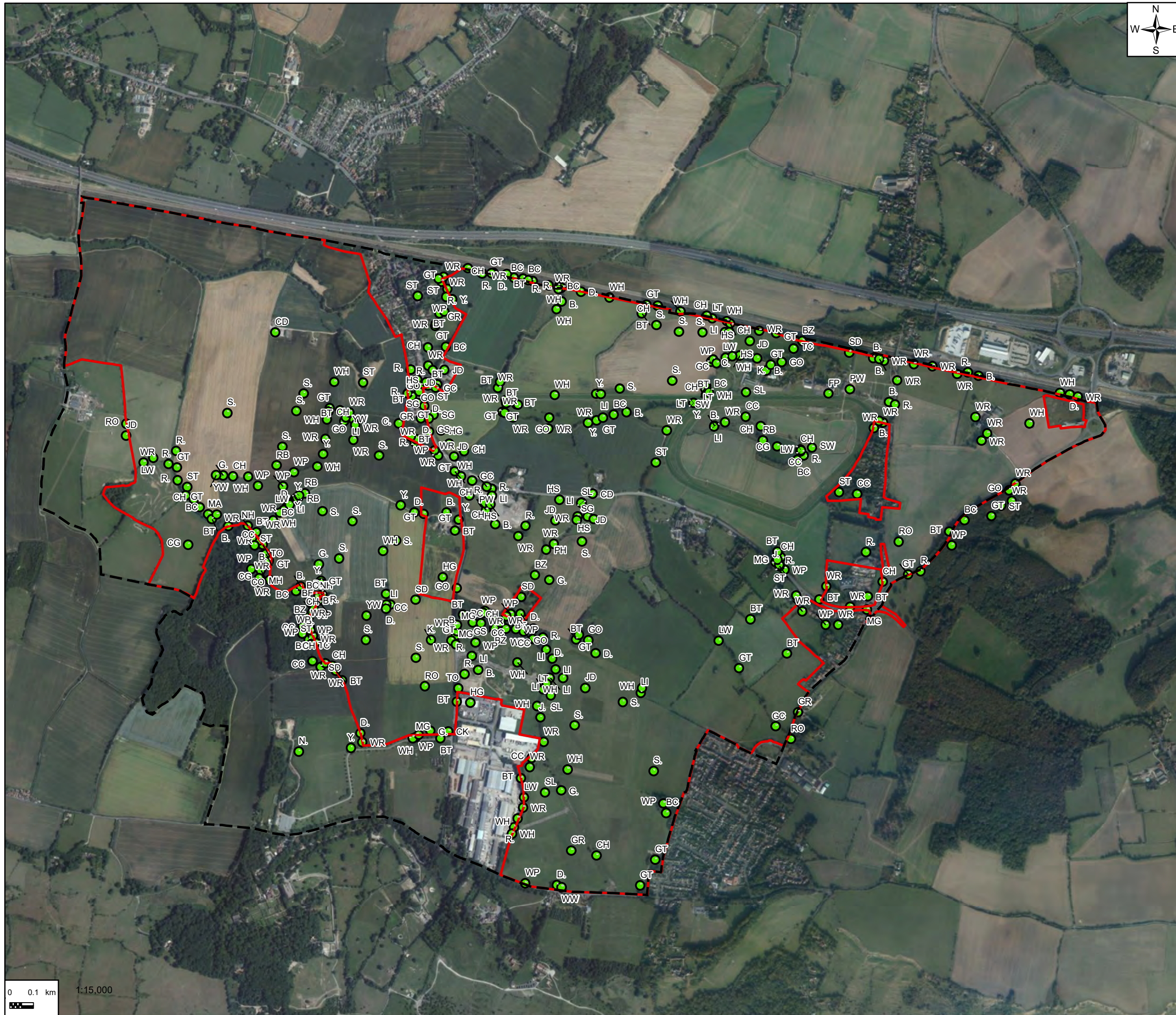


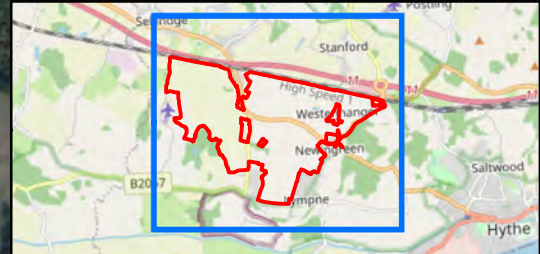
## **Figure 9: Results from the April 2020 Breeding Bird Survey**



**Legend**

- Outline Planning Application
- Framework Masterplan Boundary
- Bird species with BTO species**
- Bird species with BTO species

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 1 of 20

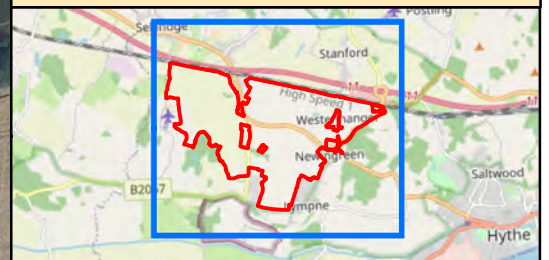
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scale	original size	datum	grid
1:15,000	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
- Bird species with BTO species**
- Bird species with BTO species

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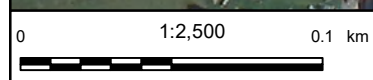


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01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
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**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 2 of 20

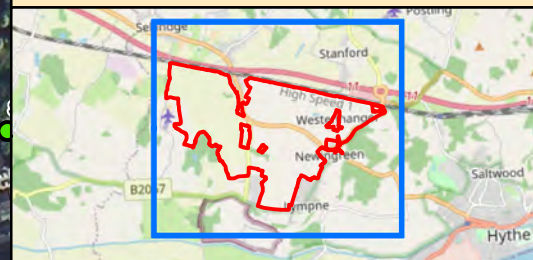


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1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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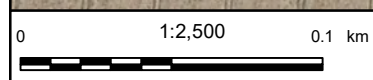


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01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 3 of 20

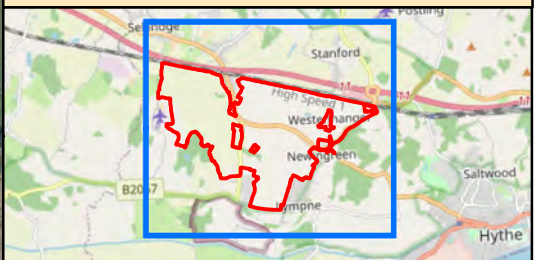


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

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 80 Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

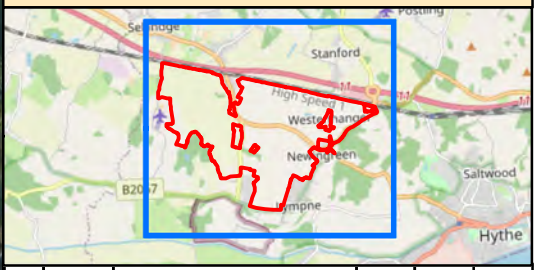
**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 4 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

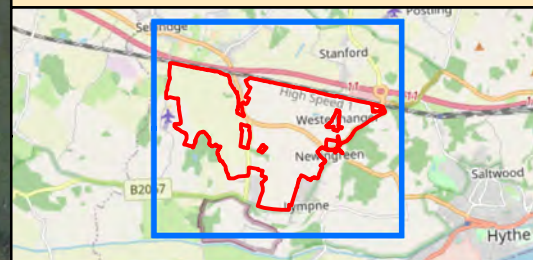
**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
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scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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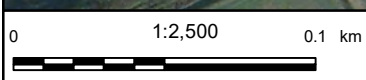


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01	22-10-2021	FOR INFORMATION	NG	BM	MG

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 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
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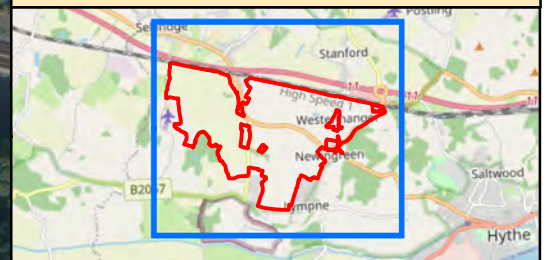


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1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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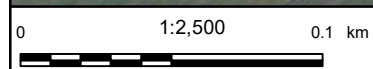


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01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

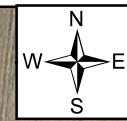
  
**OTTERPOOL PARK**  
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**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 7 of 20



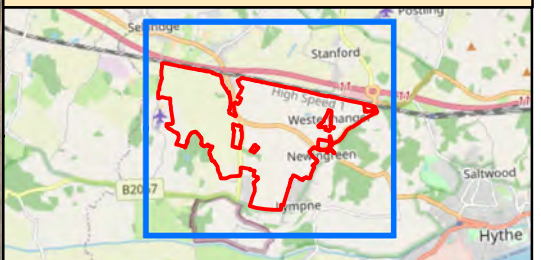
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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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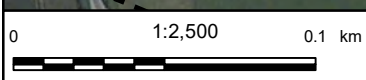


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01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 8 of 20

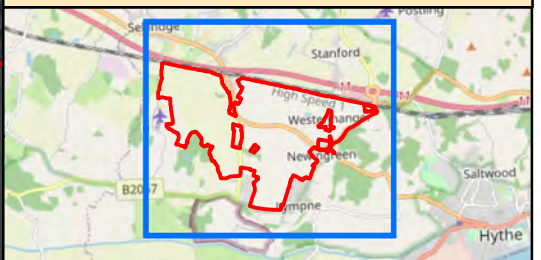


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1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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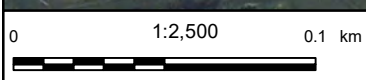


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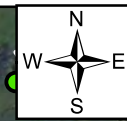
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
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 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 9 of 20

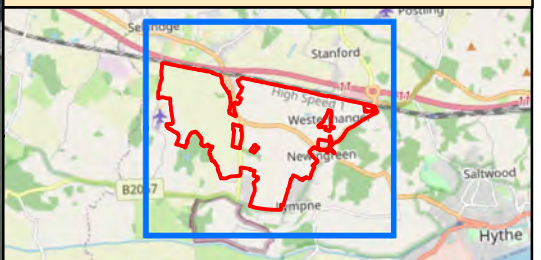


scale	original size	datum	grid
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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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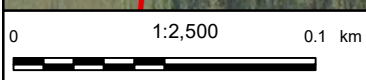


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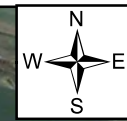
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
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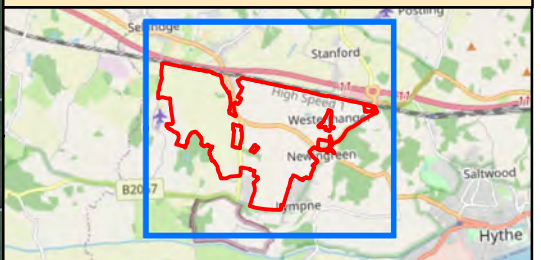


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
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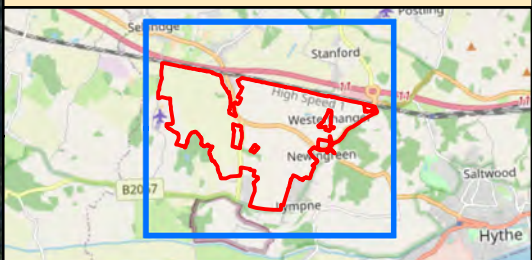
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**Legend**

- Outline Planning Application
- Framework Masterplan Boundary
- Bird species with BTO species**
- Bird species with BTO species

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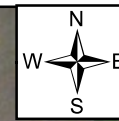
REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE • CONNECTED • CREATIVE

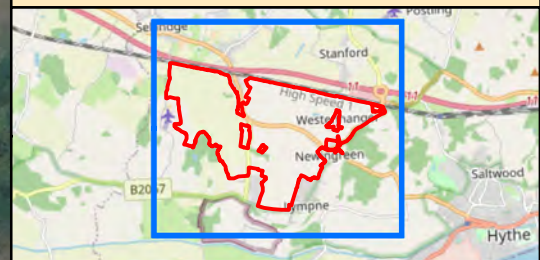
**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 12 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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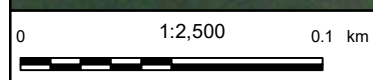


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02	07-03-2022	FOR INFORMATION	PS	BM	MG
01	22-10-2021	FOR INFORMATION	NG	BM	MG

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
 COUNTRYSIDE • CONNECTED • CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 13 of 20

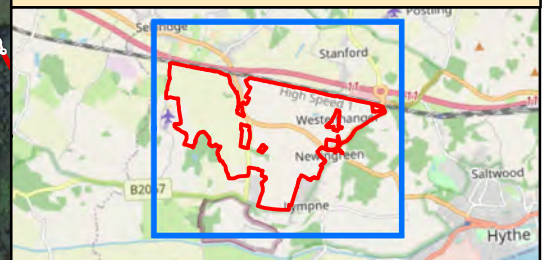


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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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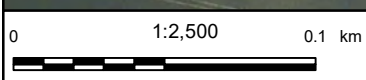


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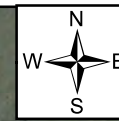
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
 COUNTRYSIDE • CONNECTED • CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 14 of 20



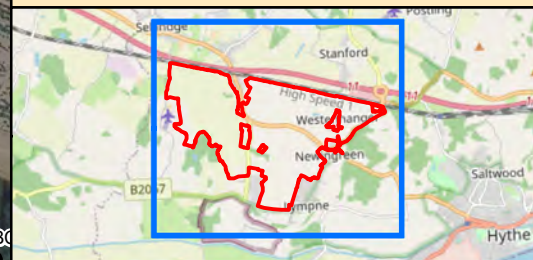
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**Legend**

- Outline Planning Application
- Framework Masterplan Boundary
- Bird species with BTO species**
- Bird species with BTO species

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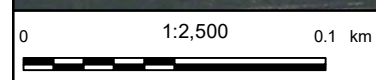


REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
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80Fen  
80 Fenchurch Street  
London  
EC3M 4BY

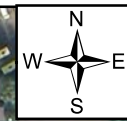
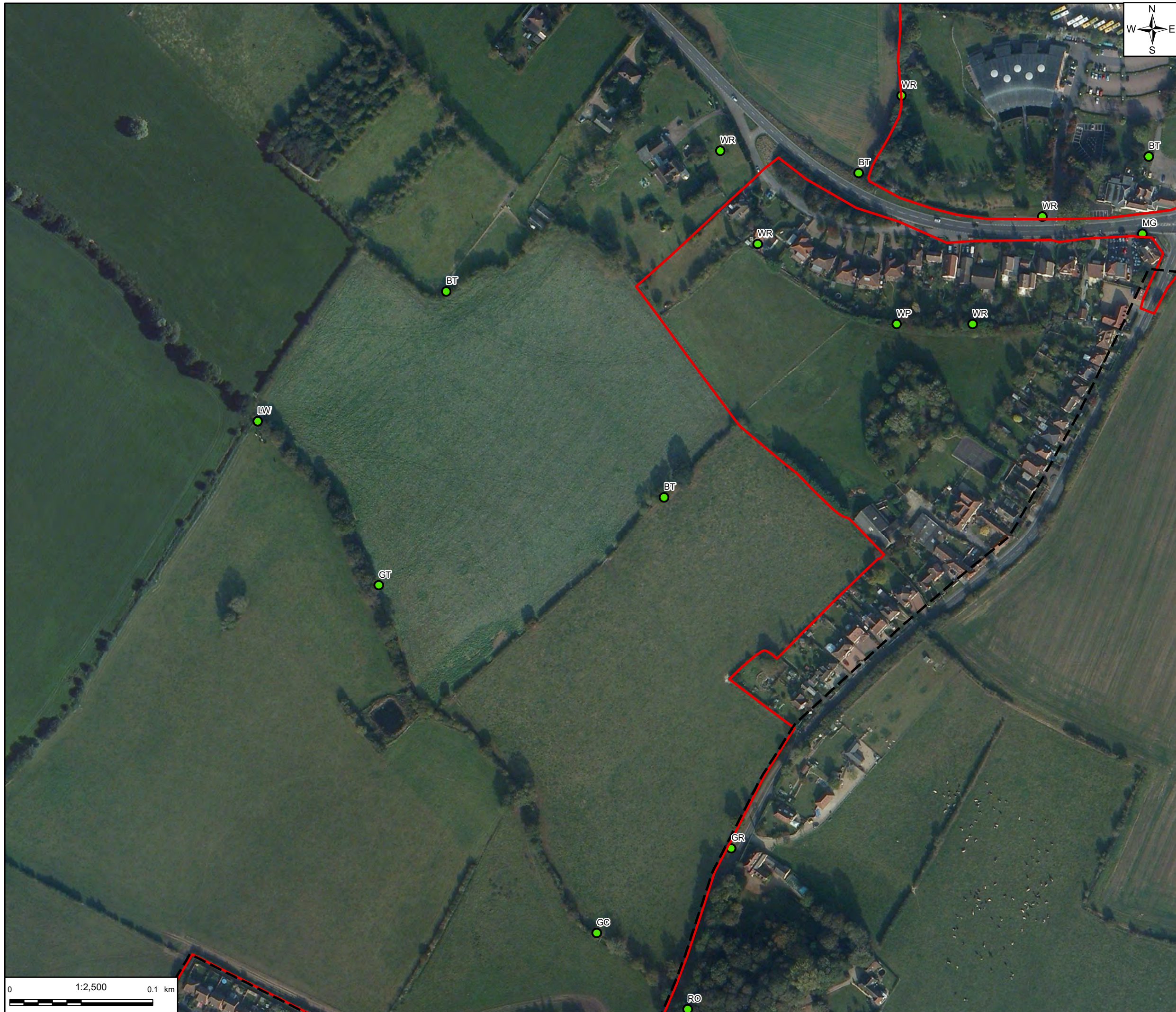
COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
Birds recorded during the Breeding Bird Survey  
conducted in April 2020  
Page 15 of 20



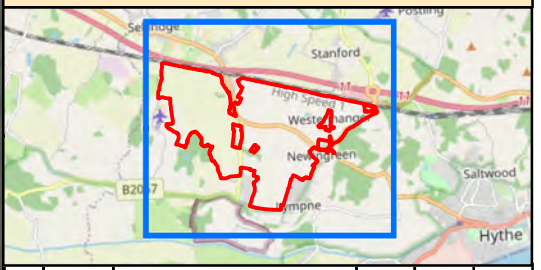






- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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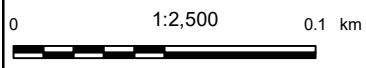


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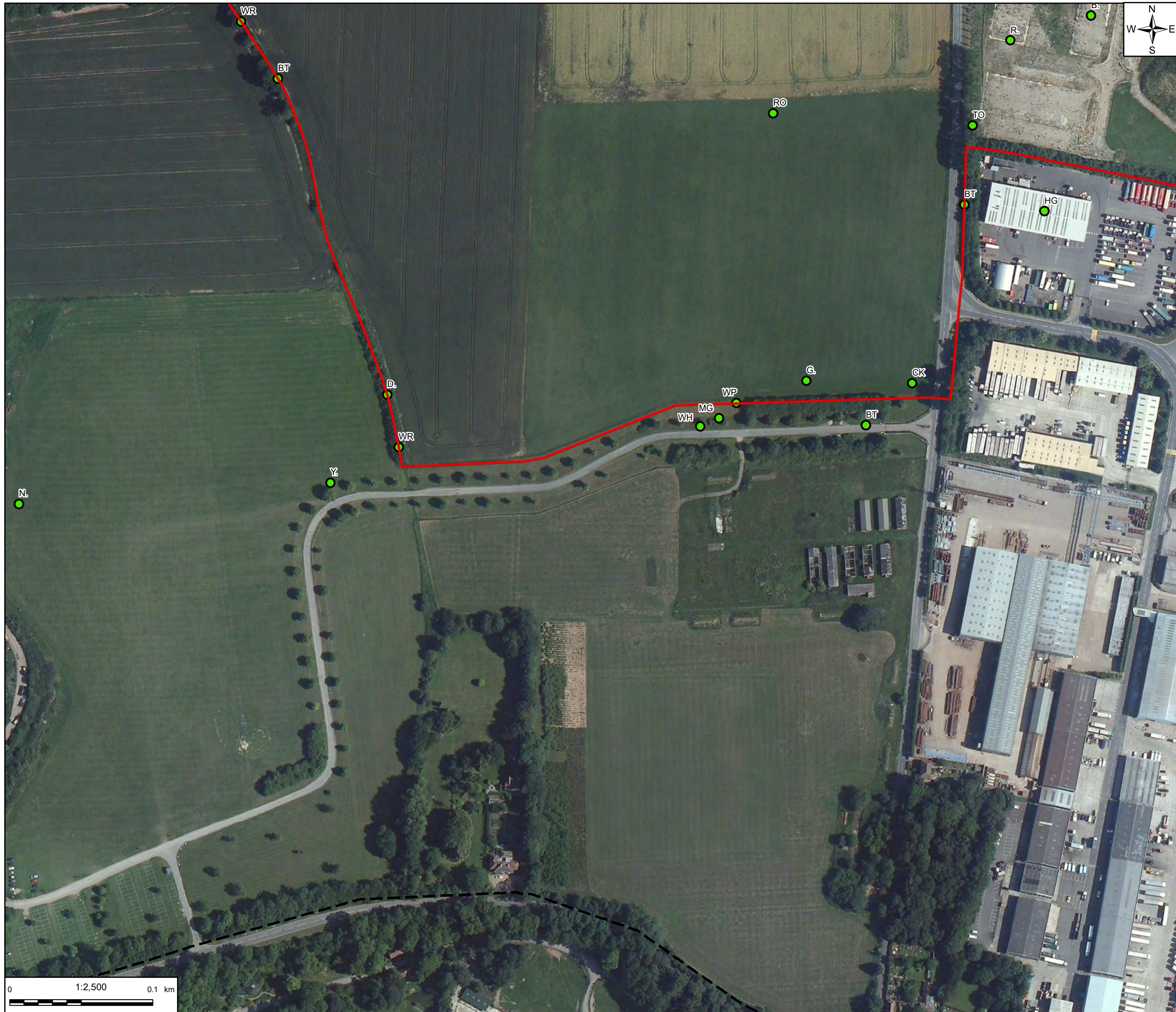
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 17 of 20

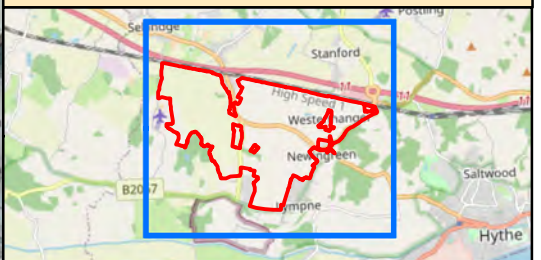


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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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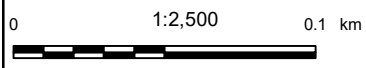


REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	BM	MG
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**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
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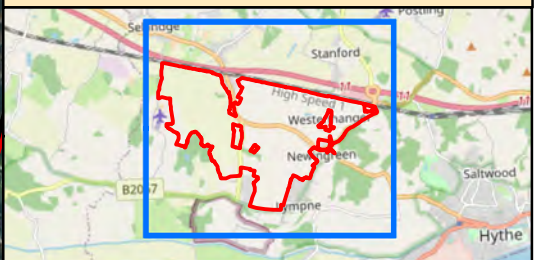


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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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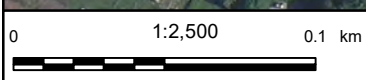


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**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 19 of 20

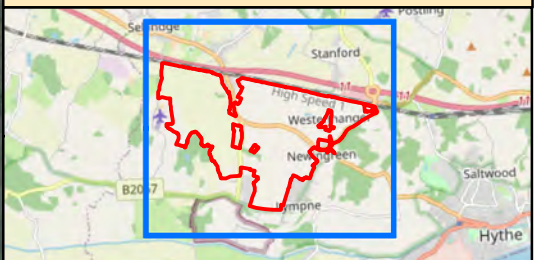


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- Legend**
- Outline Planning Application
  - Framework Masterplan Boundary
  - Bird species with BTO species**
  - Bird species with BTO species

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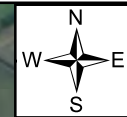
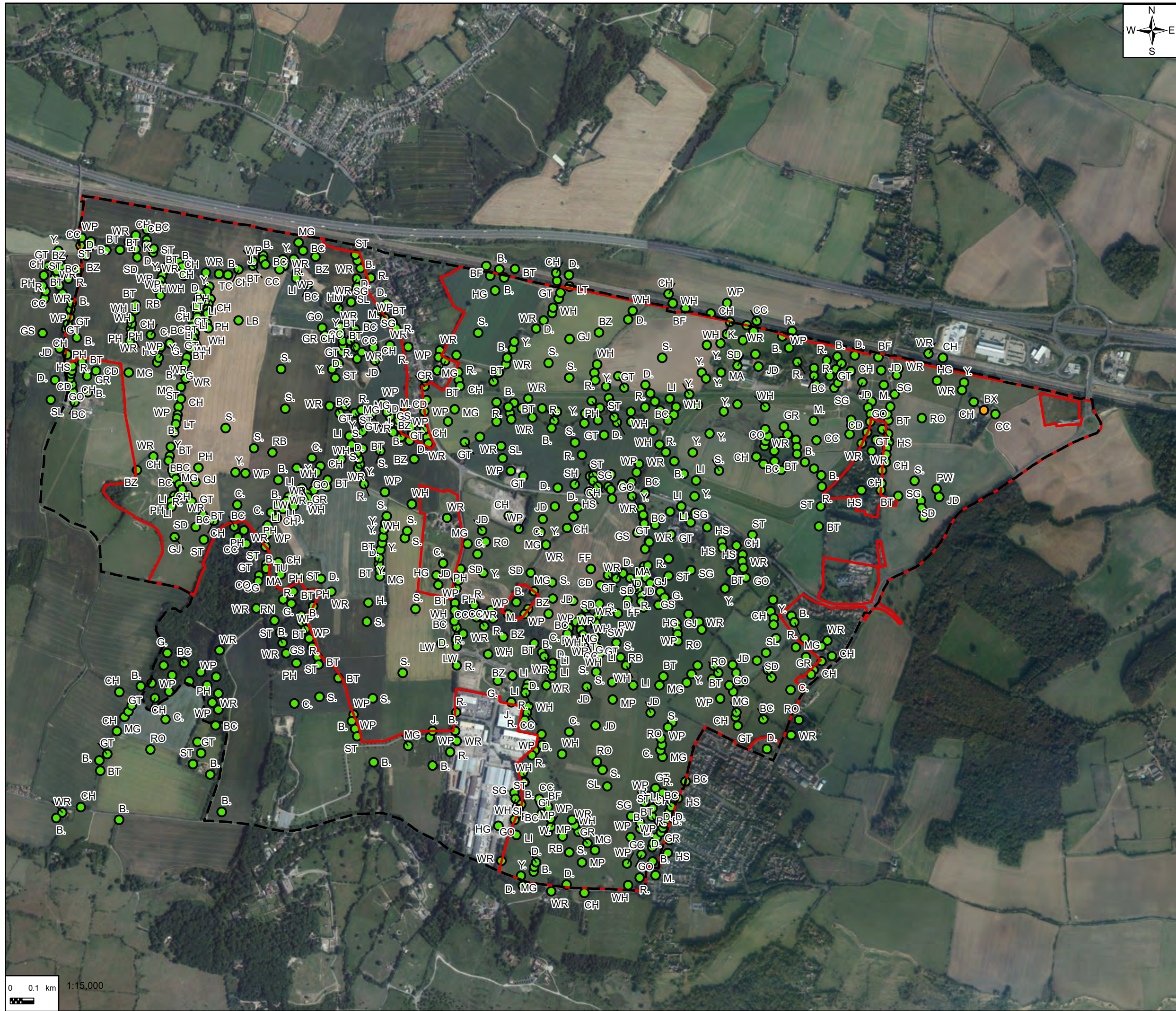
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
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**Figure 9**  
 Birds recorded during the Breeding Bird Survey  
 conducted in April 2020  
 Page 20 of 20

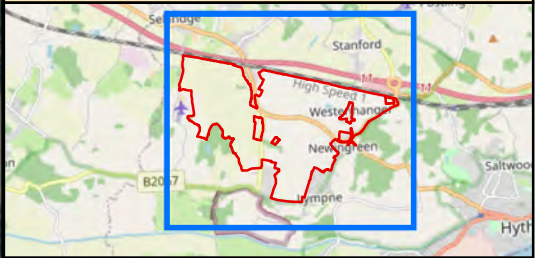
scale	original size	datum	grid
1:2,500	A3	Sx	BNG

## **Figure 10: Results from the April 2021 Breeding Bird Survey**



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 1 of 20

0 0.1 km 1:15,000

scale	original size	datum	grid
1:15,000	A3	Sx	BNG

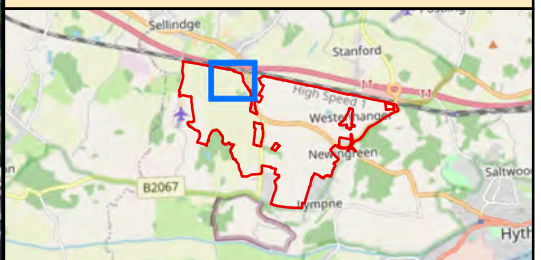






- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

Layer Credits: Contains Ordnance Survey data © Crown copyright 2021 OS 0100031673

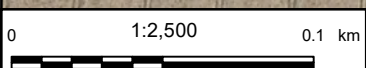


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01	21-07-2021	FOR INFORMATION	PS	EG	BM

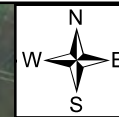
**ARCADIS**  
 80Fen  
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 London  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 3 of 20



scale	original size	datum	grid
1:2,500	A3	Sx	BNG



**Legend**

Outline Planning Application Boundary

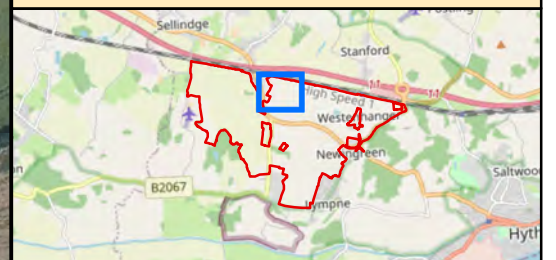
Framework Masterplan Boundary

**Bird species with BTO species code**

● Bird species with BTO species code

● Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
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01	21-07-2021	FOR INFORMATION	PS	EG	BM

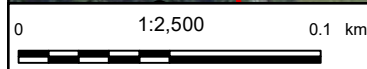


80Fen  
80 Fenchurch Street  
London  
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**Figure 10**  
Results from the April 2021 Breeding Bird Survey  
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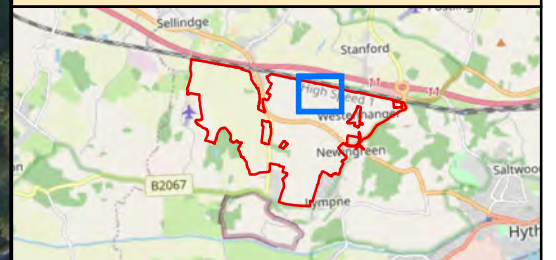


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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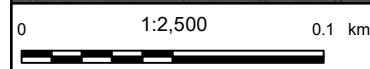


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01	21-07-2021	FOR INFORMATION	PS	EG	BM

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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 5 of 20

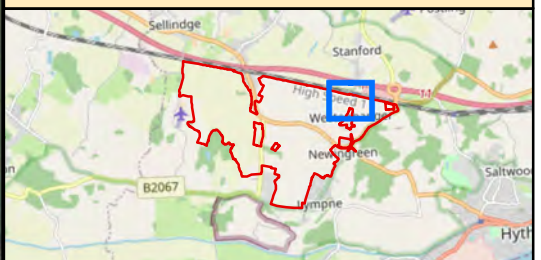


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1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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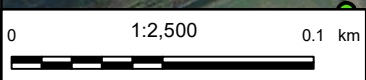


REV	Date	Description	Drawn	Check	Approv
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01	21-07-2021	FOR INFORMATION	PS	EG	BM

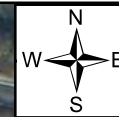
**ARCADIS**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 6 of 20



scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
- Bird species with BTO species code**
- Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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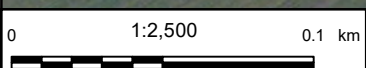


REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 7 of 20

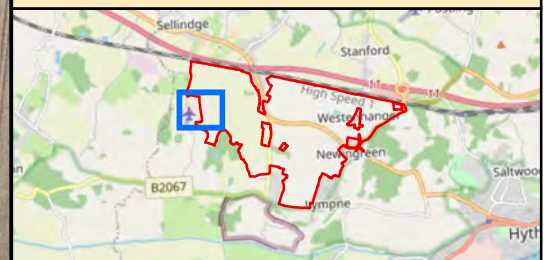


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 8 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



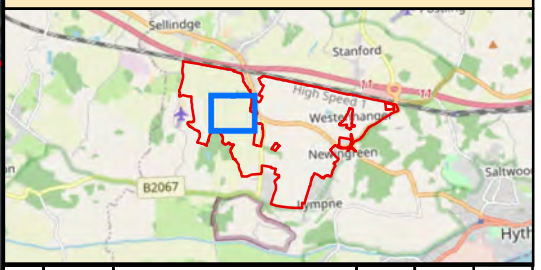
**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary

**Bird species with BTO species code**

- Bird species with BTO species code
- Incidental Black Redstart Breeding Record 2021

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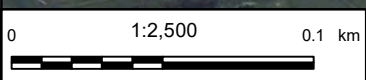


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01	21-07-2021	FOR INFORMATION	PS	EG	BM

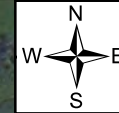
**ARCADIS**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 9 of 20

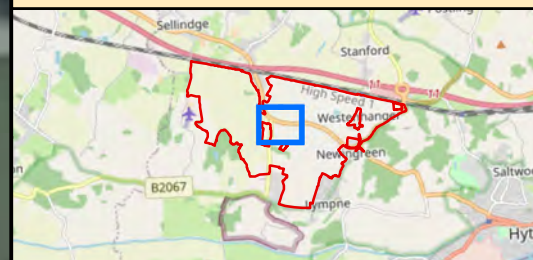


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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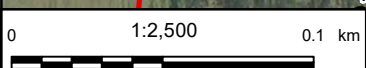


REV	Date	Description	Drawn	Check	Approv
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01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 10 of 20



scale	original size	datum	grid
1:2,500	A3	Sx	BNG

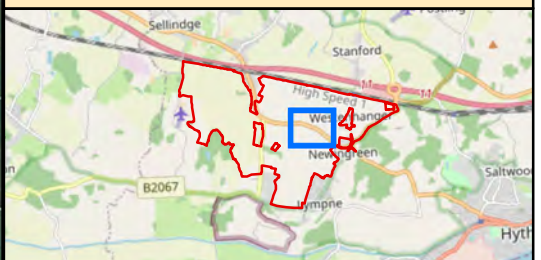




**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary
- Bird species with BTO species code**
- Bird species with BTO species code
- Incidental Black Redstart Breeding Record 2021

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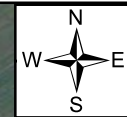
REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 11 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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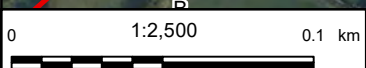


REV	Date	Description	Drawn	Check	Approv
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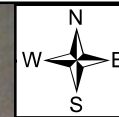
**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
 COUNTRYSIDE • CONNECTED • CREATIVE

**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 12 of 20

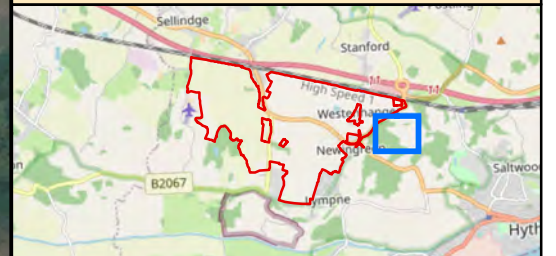


scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
- Bird species with BTO species code**
- Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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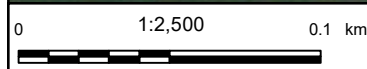


REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
 80Fen  
 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 13 of 20

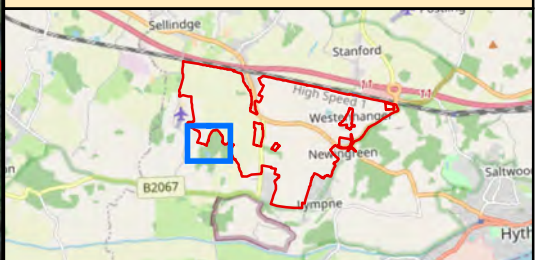


scale	original size	datum	grid
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- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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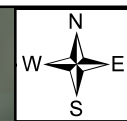
REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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**OTTERPOOL PARK**  
 COUNTRYSIDE · CONNECTED · CREATIVE

**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 14 of 20

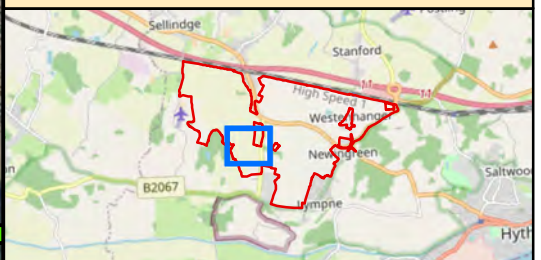
scale	original size	datum	grid
1:2,500	A3	Sx	BNG



**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary
- Bird species with BTO species code**
- Bird species with BTO species code
- Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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**OTTERPOOL PARK**  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 15 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



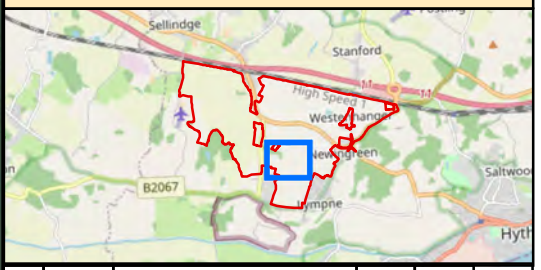
**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary

**Bird species with BTO species code**

- Bird species with BTO species code
- Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
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**Figure 10**  
Results from the April 2021 Breeding Bird Survey  
Page 16 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



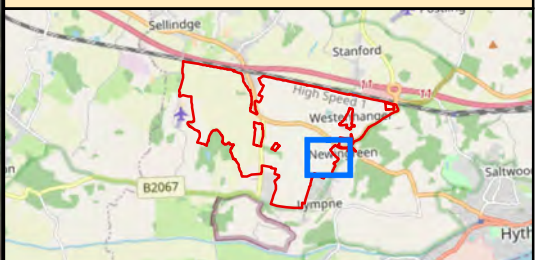
**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary

**Bird species with BTO species code**

- Bird species with BTO species code
- Incidental Black Redstart Breeding Record 2021

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REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
 80Fen  
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**OTTERPOOL PARK**  
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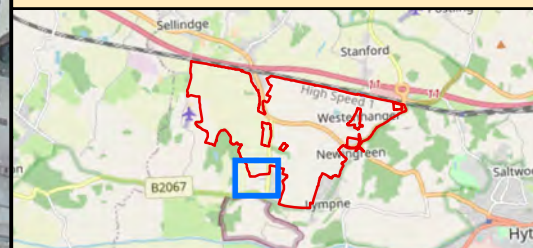
**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 17 of 20

scale	original size	datum	grid
1:2,500	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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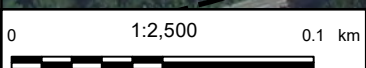


REV	Date	Description	Drawn	Check	Approv
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01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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 80 Fenchurch Street  
 London  
 EC3M 4BY

  
**OTTERPOOL PARK**  
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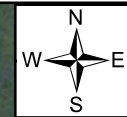
**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 18 of 20



scale	original size	datum	grid
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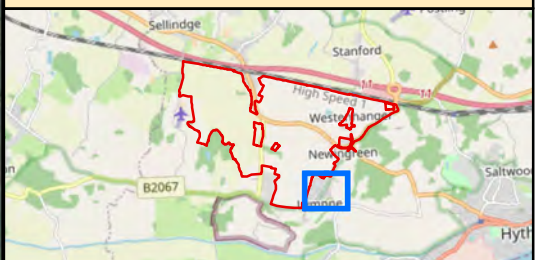






- Legend**
- Outline Planning Application Boundary
  - Framework Masterplan Boundary
  - Bird species with BTO species code**
  - Bird species with BTO species code
  - Incidental Black Redstart Breeding Record 2021

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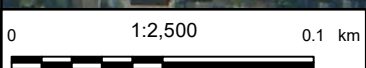


REV	Date	Description	Drawn	Check	Approv
02	07-03-2022	FOR INFORMATION	PS	EG	BM
01	21-07-2021	FOR INFORMATION	PS	EG	BM

**ARCADIS**  
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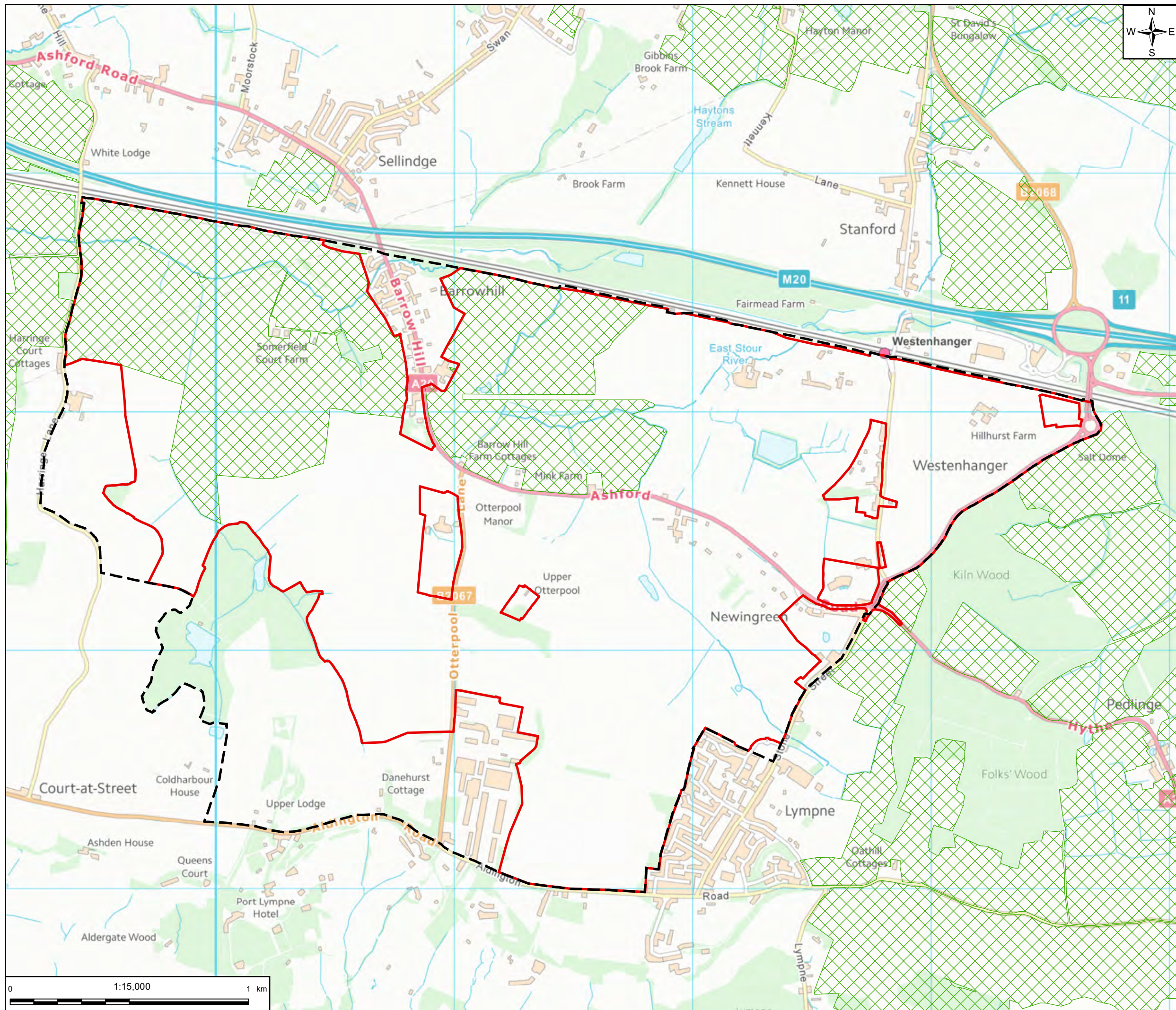
  
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**Figure 10**  
 Results from the April 2021 Breeding Bird Survey  
 Page 20 of 20



scale	original size	datum	grid
1:2,500	A3	Sx	BNG

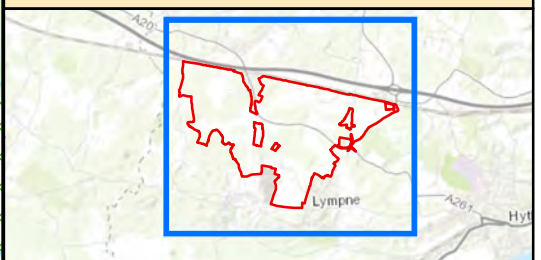
## **Figure 11: Areas under environmental stewardship**



**Legend**

- Outline Planning Application Boundary
- Framework Masterplan Boundary
- Entry Level plus Higher Level Stewardship

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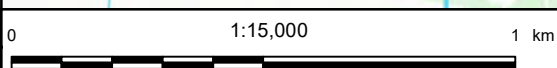


REV	Date	Description	Drawn	Check	Approv
01	10-11-21	FOR INFORMATION	RM	EG	BM

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 London  
 EC3M 4BY

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**Figure 11**  
**Areas Under Environmental Stewardship Agreements**



scale	original size	datum	grid
1:15,000	A3	Sx	BNG

## APPENDIX A: Breeding Bird Survey Visit Meta Data

Table 25: Details of the breeding bird field surveys.

Visit	1	2	3	4	5	6	7	8	9	10	11
Surveyors*	DDL, EG	DDL, EG	DDL	DDL, EG	DDL, EG	DDL, EG	DDL, EG	DDL, EG	DDL, EG	AW, SB	AW, SB
Date	20/03/2017	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021
Start time	05:00	05:45	04:15	04:55	04:15	04:00	03:45	03:50	04:48	04:33	04:40
Finish time	10:05	11:15	10:20	10:30	11:20	10:30	09:50	10:32	10:31	13:40	11:36
Temp (°C)	10	9	9	11	18	19	11	13	4-13	3-17	6-14
Wind direction	SW	SE	N	N	N	SW	SW	N	SE	-	NE
Wind speed	2	2	1	1	1	2	4	1	1	0	3
Cloud cover	8	8	7	8	2	2	4	2	3	0	7
Cloud height	1	0	1	1	2	2	2	2	2	2	2
Visibility	3	0	3	3	3	3	3	3	1	3	3
Snow	0	0	0	0	0	0	0	0	0	0	0
Rain	0	1	0	0-1	0	0	0	0	0	0	0

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Visit	1	2	3	4	5	6	7	8	9	10	11
Notes	None	Foggy – started once birds became vocal	None	None	None	None	None	None	Began very foggy, cleared to excellent visibility.	None	None

\*Surveyors: David Darrell-Lambert (DDL) and Ewan Gibson (EG) Adam Wilson (AW) Steve Bunn (SB)

## APPENDIX B: Breeding bird survey visit total of all birds recorded per survey ‘visit’

Table 26: Details of bird species recorded during each breeding bird survey

N.B. Peak counts are highlighted

Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Black redstart			1									1
Blackbird	42	42	20	49	45	63	38	44	18	31	28	420
Blackcap			8		14	30	17	24	15	20	10	138
Black-headed gull	400					2						402
Blue tit	28	37	26	20	26	29	46	21	46	46	30	355
Brambling	1											1
Bullfinch		2		1	2		2	4	1	2	6	20
Buzzard	5	4	4		4	1	6	4	4	12	2	46
Canada goose			1		7	6			5			19
Carrion crow	14	24	7		14	47	15	16	4	19	7	167
Chaffinch	120	41	29	39	44	38	37	37	26	28	27	466
Chiffchaff	3	17	7	21	15	14	13	11	10	13	5	129
Coal tit							1					1

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Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Collared dove	1	3	3	3	6	8	7	5	4	4	2	46
Common Gull	218	4	1									223
Coot		2	2		3	4	2	7	1	1	4	26
Cormorant				4								4
Cuckoo									1			1
Dunnock	30	30	23	17	21	17	23	28	14	29	11	243
Feral pigeon		8			32	12		21	7			80
Fieldfare	184									35		219
Gadwall	3											3
Goldcrest	4	8	3	5	9	9	6	4	6	1		55
Goldfinch	49	20	8	10	11	17	18	20	21	7	9	190
Great crested grebe		2	2	2	2	2	4	4				18
Great tit	33	35	11	14	14	12	12	33	32	23	19	238
Great-spotted woodpecker	2	7	2	2	3	4	3	3	2	4	2	34
Green woodpecker	9	8	3	3	2	1	7	4	5	6	1	49



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Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Greenfinch	1	3	5	8	6	4	2	5	6	5	4	49
Grey heron	1	1		1						1	1	5
Grey wagtail		2		2								4
Greylag goose	2	8		3	3	1				16	6	39
Herring gull	254	74	23	68	24	61	44	46	12	34	11	651
House martin						8	1	18		2	1	30
House sparrow	6	19	7	3	19	13	2	6	12	6	17	110
Jackdaw	34	53	27	60	109	25	47	7	69	60	33	524
Jay	4	3	1		5	3	1	4	2	6		29
Kestrel	3		1	2	1		2	1	2	1	1	14
Kingfisher		1				3						4
Lesser redpoll	1											1
Lesser whitethroat			1		3	2			6	3		15
Lesser-black-backed gull	2		3	5	1	1	2			1		15
Linnet	1	32	8	47	10	13	15	14	26	45	15	226
Little egret				1	1							2

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Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Little grebe				1		2		1				4
Long-tailed tit	14	7	7	6		15	5	11	7		2	74
Magpie	6	7	4	5	11	7	11	16	7	11	11	96
Mallard	10	7		26	6	3	2	11	1	6	5	77
Mandarin		2				2	1					5
Meadow pipit	70	5	1		4	4	4	7		5		100
Mediterranean gull	17					1					2	20
Merlin	1											1
Mistle thrush	4	4	2	5	11		2	1		4	5	38
Moorhen	1	1	6	1	1	1	2		1		1	15
Mute swan								1				1
Nightingale									1			1
Nuthatch	1	1	1					3	2			8
Pheasant	3	9	3	4	1	3	3	3	3	18	2	52
Pied wagtail	82	8		3	5	2	3	7	3	2	2	117
Raven										1		1

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Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Red kite						1						1
Red-legged partridge				1								1
Redwing	138	4										142
Reed bunting	2	4	3	1	1	2	2		5	6		26
Reed warbler				1	2	1	1					5
Ringed plover								1				1
Robin	35	41	17	25	51	39	21	21	29	31	18	328
Rook	183	43	47	77	86	128	99	114	67	33	68	945
Sedge warbler									2	1		3
Siskin				1								1
Skylark	9	8	9	18	27	22	20	22	22	30	9	196
Snipe		3										3
Song thrush	26	17	12	12	12	18	7	13	11	22	8	158
Sparrowhawk	1	1	1	1		2		1			1	8
Starling	212	65	11	23	12	156	412	154	17	8	24	1094
Stock dove	20	6	6	29	9	12	5	10	4	10	10	121

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Species	(20/03/2017)	03/04/2017	17/04/2017	04/05/2017	18/05/2017	30/05/2017	12/06/2017	26/06/2017	27/04/2020	27/04/2021	28/04/2021	Grand Total
Stonechat	1											1
Swallow			9	4	14	3	6	8	6	5	3	58
Swift						5	27	16				48
Tawny owl		1							2			3
Treecreeper	3	2	1	4	1	11	1	6	3	1		33
Tufted duck						1		2		2		5
Turtle dove						3	3	1				7
Wheatear											1	1
Whitethroat			1	39	32	14	23	28	26	23	14	200
Willow warbler		1		1					1			3
Wood pigeon	119	91	37	80	69	58	50	122	59	79	32	796
Wren	45	66	48	52	70	79	67	80	68	43	36	654
Yellow wagtail			1	3	3	1		1	3			12
Yellowhammer	95	25	13	22	23	21	22	32	14	32	26	325
Grand Total	2553	919	477	835	907	1067	1172	1084	721	834	532	11101

## APPENDIX C: Barn owl building inspection survey results


Table 27 – Results of the barn owl building surveys.

Buildings are categorised as either Potential Nest Site, Active Roost site, Temporary Rest Site or Not Suitable according to the guidelines set out by CIEEM (2012). Building identification numbers follow those utilised in the Otterpool Park Bat Building Report (ES Appendix 7.13).

Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1a	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland, adjacent to Castle & grounds with mature trees.	No entry points available, no signs observed.		Not suitable	17/08/2021	None, no change	Not suitable

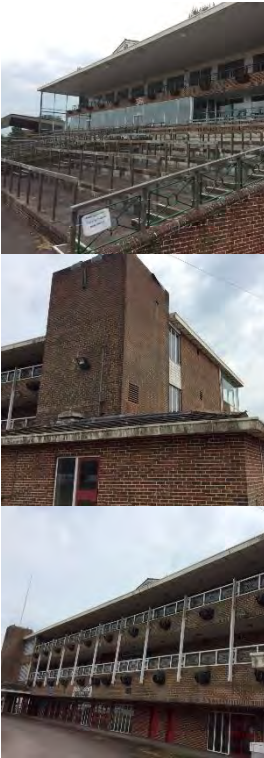
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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1b	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points available, no signs observed.		Not suitable	17/08/2021	None, no change	Not suitable



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1c	N. No internal access available.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed. Potential for entry points out of sight on building roof.		Unknown	17/08/2021	Missing tiles on roof provide potential access to roof void. No internal survey access	Potential nest site

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1d	N. No internal access available.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	Entry point visible on front (south side) of building into roof above seating; probable space for nesting within but inaccessible for survey. Potential for access holes out of sight on building roof.		Potential nest site	17/08/2021	No change	Potential nest site
1e	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	None, no change	Not suitable






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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1f(b)	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	None, no change	Not suitable
1f(a)	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	Broken soffit on north side gives access to roof void	Potential nest site – Unlikely
1g	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	Entry points above doors, planks resting on beams and roof void in eastern end	Potential nest site - Unlikely



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1h	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	None, no change	Not suitable
1i	Y. Internal access not required.	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	No entry points or signs observed.		Not suitable	17/08/2021	None, no change	Not suitable
1j	Y – Internal inspection conducted	27/06/2017	Hardstanding, arena buildings, improved grassland near to Castle & grounds with mature trees	Entry point present (through open doors and windows). No signs present.		Not suitable	17/08/2021	None, no change	Not suitable


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
1k	Y. Internal access not required.	27/06/2017	Arena buildings, hedgerow, improved grassland near to Castle & grounds with mature trees	Access through open door only goes to well-lit space unsuitable for nesting or roosting. No signs observed.		Not suitable	17/08/2021	1 <sup>st</sup> floor boarded up with no access, entrance to open window at 1.5m but no suitable features inside	Not suitable
1l	Y. Internal access not required.	27/06/2017	Improved grassland, near to lake and surrounding scrub/ditches.	No entry points or signs observed.		Not suitable	17/08/2021	None, no change	Not suitable


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
2a	N. Ground floor access only, dilapidated 1 <sup>st</sup> floor was inaccessible due to unsafe structure.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	Entry point present (through open doors and windows). Chalky droppings observed in eastern barn (could be kestrel or barn owl). Anecdotal evidence from John Forge of barn owl seen to perch in southern open window which leads to the 1 <sup>st</sup> floor. Kestrel confirmed as breeding in eastern barn. Eastern barn in active use as a workshop.		Potential Nest Site – Likely Temporary Rest Site	18/08/2021	Found in the main barn: Nine barn owl feathers from an adult female, feathers likely <1 year old due to good condition. 15 barn owl pellets ranging in age from approximately >1 month old to >1 year old. Two kestrel and two buzzard feathers were also found. A few likely barn owl	Potential Nest Site – Likely, recent roost site.

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
								droppings (though could be kestrel). Suitable ledges for breeding especially above the large main doorways.	
2b	Y. Full survey undertaken.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	Entry points in edges of roofline. Potential to support a nest site amongst stored materials on 1 <sup>st</sup> floor but not considered likely due to disturbance and proximity of the more suitable building 2a.		Potential nest site– Unlikely	18/08/2021	None, no change	Potential nest site - Unlikely

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
2c(a) 2c(b) 2c(c) 2c(d)	Y. Full survey undertaken.	27/06/2017	Stables adjacent to castle grounds, paved ground, Mature trees, stream, improved and semi-improved grassland	Some parts have access through open doors but none contain suitable areas for nesting or roosting.		Not suitable	17/08/2021	None, no change	Not suitable
2d	Y. Internal access not required.	27/06/2017	Stables adjacent to castle grounds, paved ground, Mature trees, stream, improved and semi-improved grassland	No entry points or signs observed.		Not suitable	17/08/2021	No signs observed through windows. Possible entrance hole in roof and through open windows. Suitable platform for breeding in partially collapsed roof void.	Potential nest site

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
2e	Y. Full survey undertaken.	27/06/2017	Stables adjacent to castle grounds, paved ground, Mature trees, stream, improved and semi-improved grassland	Entry points available through open doors but no suitable areas for nesting or roosting.		Not suitable	17/08/2021	None, no change	Not suitable
2f	Y. Internal access not required.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
2g	Y. Full survey undertaken.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	Open structure, no sufficiently sheltered areas. No signs observed.		Not suitable	18/08/2021	Small alcoves within the tower and walls could be used for breeding but some likely too small and exposed to	Potential nest site

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
								be likely; those partially covered by ivy are more suitable but cannot be inspected from ground.	
2h	Y. Internal access not required.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
2i	Y. Internal access not required.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
2j	Y. Internal access not required.	27/06/2017	Castle grounds, Mature trees, stream, improved and semi-improved grassland	No entry points or signs observed.		Not suitable	18/08/2021	No survey access to upper level, if entrances present it could be a potential nest site	Unknown – unlikely to be suitable due to low height of any potential nesting feature
3a	Y. Internal access not required.	12/07/2017	<b>Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.</b>	No entry points or signs observed.		Not suitable	19/08/2021	None, no change	Not suitable
3b	Y. Internal access not required.	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	No entry points or signs observed.		Not suitable	19/08/2021	Missing tiles on roof provide entrance. Roof void could provide breeding site on north end.	Not suitable

Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
3c	N. Ground floor access only due to unknown safety of upper levels.	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	Active barn with numerous ledges/concealed high areas in north-west part, barn open on north side for multiple entry points. Four barn owl pellets collected from ground floor at south-west end of barn.		Confirmed usage by barn owl - potential nest site – likely  Temporary rest site at a minimum	19/08/2021	Seven barn owl feathers from an adult female, feathers likely >1 year old due to moth-bitten state. One barn owl pellet, >1 month old. Not all parts of barn were accessible due to safety concerns. Possibly a nest site in previous years.	Potential nest site – Likely, occasional roost




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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
3d	Not suitable	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	No entry points or signs observed.		Not suitable	19/08/2021	No internal survey access. Entrance hole high up in north end wall, unknown if nesting features present inside.	Unknown - unable to make a determination on likelihood of use
3e	Not suitable	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	Open structure, no suitable features for nesting. No signs observed.		Not suitable	19/08/2021	Possible barn owl droppings	Not suitable (Temporary Rest Site)
3f	Not suitable	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	No entry points or signs observed.		Not suitable	19/08/2021	Entrance through broken door panel, no nesting features	Not suitable

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
3g	Y. Full survey undertaken.	12/07/2017	Active farm with mature trees, a small pond, a wet ditch, arable and grazed fields surrounding.	Open structure, no suitable features for nesting. No signs observed.		Not suitable	19/08/2021	Possible barn owl droppings	Not suitable (Temporary Rest Site)
4a	N. No access permitted.	27/06/2017	Arable field, hedge with trees bordering road, small industrial unit, residential gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	19/08/2021	No change visible. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use
4b	N. No access permitted.	N/A	Arable field, hedge with trees bordering road, small industrial unit, residential gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	19/08/2021	No change visible. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
5a	Y - Internal access not required.	27/06/2017, 21/06/2018	Arable field, hedge with trees bordering road, small industrial unit, residential gardens.	No entry points or signs observed.		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use
5f	Y - Internal access not required.	27/06/2017, 21/06/2018	Arable field, hedge with trees bordering road, small industrial unit, residential gardens.	No entry points or signs observed.		Not suitable	N/A	Not surveyed, scoped out due to previous assessment.	Not suitable
5b	Y. Internal access not required.	27/06/2017	Hedgerows, hardstanding and grazed and arable fields.	No entry points or signs observed.		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
5c	N Internal access not required.	27/06/2017	Hedgerows, hardstanding and grazed and arable fields. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to commercial use and immediate surrounds	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable
5d	N Internal access not required.	27/06/2017	Hedgerows, hardstanding and grazed and arable fields. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
5e	N Internal access not required.	27/06/2017	Hedgerows, hardstanding and grazed and arable fields. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.	N/A under construction (no potential)	Not suitable	19/08/2021	Construction completed. No survey access, observed from roadside only.	Not suitable
6a A20	Y Internal access not required.	28/06/2017 from roadside, detailed assessment on 4/08/2017	Arable/improved grassland to north and south with small area of dense scrub to south. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
6b A20	N. No access permitted.	28/06/2017	Arable/improved grassland to north and south with small area of dense scrub to south. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	19/08/2021	No change visible. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use
6c A20	N No access permitted.	28/06/2017	Arable/improved grassland to north and south with small area of dense scrub to south. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	19/08/2021	No change visible. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
6d	N. No access permitted.	04/08/2017	Arable/improved grassland to north and south with small area of dense scrub to south.	Entry points likely to be present. Not possible to fully access.		Unknown – not possible to access	n/a	No access.	Unknown
7a	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
7b	Y. Full survey undertaken.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential	Entry through open side. Small nest-box used by feral pigeons is too small/unsuitable.		Not suitable	18/08/2021	None. Building extended and enclosed, no features remain.	Not suitable


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			gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.						
7c (a,b,c)	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
7d	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined	No entry points or signs observed.		Not suitable	18/08/2021	Now used as small stables. Beams for roosting only, entrance only when doors are open.	Not suitable

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
			stream nearby to the west.						
7e	N. No access permitted.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	Multiple partly collapsed buildings. Not possible to fully inspect (observed from shared access road).		Unknown	18/08/2021	Some buildings in this group demolished, those remaining have no potential except 7e(d) which may have nesting potential but no safe access for survey (does have potential barn owl entrance in south side).	Unknown – unable to make a determination on likelihood of use

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
7f	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	Presumed no change. No survey access, observed from adjacent land only.	Not suitable
7g	N. No access permitted.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed. Building unoccupied at time of survey.		Unknown, unlikely to be used due to recent residential usage.	18/8/2021	None, no change	Not suitable

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
7h	Y. Internal access not required.	28/06/2017, update 05/06/2018	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable
7i	N. No access permitted.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use


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ES Appendix 7.15: Breeding Bird and Barn Owl Survey Report – Update to Include April 2020 Survey Data

Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
7j	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable
7k	Y, not safe for internal inspection.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	Multiple entry observed. No internal inspection as structure was very dilapidated (unsafe).		Potential Nest Site	18/08/2021	Barn has been mostly repaired. Entrance through open windows and large gap in mesh at east end. Signs of occupation by doves only but good	Potential nest site



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
								features for nesting barn owls: old water tanks on inside of east wall and cavities in remaining ceiling panels.	
71	N. No access permitted.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use

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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
7m	N. No access permitted.	28/06/2017	Arable/improved grassland to north and south with small area of dense scrub to south. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use
7n	Y. Internal access not required.	28/06/2017, close up inspection 28/06/2018	Arable/improved grassland to north and south with small area of dense scrub to south. Adjacent to A21 road with neighbouring houses and gardens.	No entry points or signs observed.		Not suitable	19/08/2021	Entrance to building through broken windows. Internal features unknown.	Potential nest site





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7o	Y. Internal access not required.	28/06/2017	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	No entry points or signs observed.		Not suitable	18/08/2021	None	Not suitable
7p	Y	(27/07/2020)	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	None		Not suitable	18/08/2021	None	Not suitable



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
7q	Y. Internal access not required.	(27/07/2020)	On/near to small industrial estate bordered by arable/improved grassland and residential gardens. Adjacent to A21 road. Tree-lined stream nearby to the west.	None		Not suitable	18/08/2021	None	Not suitable
8a	Y. Internal access not required.	28/06/2017	Adjacent to A21 road junction, surrounded by improved grassland with a hedge-lined ditch to north.	No entry points or signs observed.		Unknown – unlikely to be suitable due to residential use	18/08/2021	Presumed no change. No survey access, observed from roadside only.	Unknown – unlikely to be suitable due to residential use


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
8b	Y. Internal access not required.	28/06/2017	Roadside (A21) café and associated outbuildings, arable/improved grassland to north and south. Brownfield site of demolished industrial buildings to South screened by scrub and planted conifers.	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable
8c	Y. Internal access not required.	28/06/2017	Roadside (A21) café and associated outbuildings, arable/improved grassland to north and south. Brownfield site of demolished industrial buildings to South	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable


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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
			screened by scrub and planted conifers.						
8d	Y. Internal access not required.	28/06/2017	Roadside (A21) café and associated outbuildings, arable/improved grassland to north and south. Brownfield site of demolished industrial buildings to South screened by scrub and planted conifers.	No entry points or signs observed.	No photograph	Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable
8e(a)	Y. Internal access not required.	28/06/2017, update 14/06/2018	Adjacent to A21 road, arable/improved grassland to north and south with a hedge-lined ditch and	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
			dense scrub to the north.						
8e(b)	Y. Internal access not required.	28/06/2017, update 14/06/2018	Adjacent to A21 road, arable/improved grassland to north and south with a hedge-lined ditch and dense scrub to the north.	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable




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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
8f	Y, internal walkthrough	28/06/2017, 04/08/2017	Adjacent to A21 road, arable/improved grassland to north and south with a hedge-lined ditch and dense scrub to the north.	Access points present, but open structure, no suitable features for nesting. No signs observed.		Not suitable	n/a	Presumed no change. No survey access.	Not suitable
8g	Y. Internal access not required.	28/06/2017	Adjacent to A21 road, arable/improved grassland to north and south with a hedge-lined ditch and dense scrub to the north.	No entry points or signs observed.		Not suitable	19/08/2021	Presumed no change. No survey access, observed from roadside only.	Not suitable



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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
9a	Y. Full survey undertaken.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	Entry through open barn doors. Potential for nest sites on pallets and stored sacking on roof beams, but high light levels make it unlikely to be used.	 	Potential nest site – Unlikely	18/08/2021	No change	Potential nest site – Unlikely
9b	Y. Full survey undertaken.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	Entry point temporary only through open barn doors. No suitable features for nesting and no signs observed.		Not suitable	18/08/2021	None, no change	Not suitable

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9c	Y. Full survey undertaken.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	Entry point temporary only through open barn doors. No suitable features for nesting and no signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
9d	Y. Full survey undertaken.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable



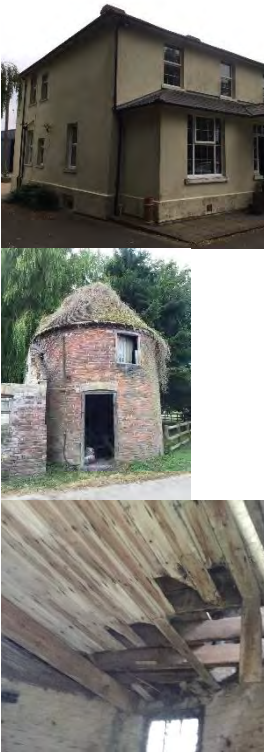
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Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
9e	Y. Full survey undertaken.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	No entry points or signs observed. Active modern barn.		Not suitable	18/08/2021	None, no change	Not suitable

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9f	N. No internal access available.	27/06/2017	Active farm with mature trees, arable and grazed fields surrounding. A21 road to the west lined with residential properties and gardens.	No entry point into residential house. Entry into outbuilding through open door and window, including to dilapidated 1 <sup>st</sup> floor which was inaccessible to surveys but may include a Potential Nest Site.		Potential nest site (in outbuilding) – Unlikely	18/08/2021	None, no change	Potential nest site (in outbuilding)

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10a	Y. Internal access not required.	27/06/2017	Residential garden surrounded by arable fields with broadleaved woodland to the east. Active commercial/farm buildings to west.	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
10b/c	Y. Full survey undertaken.	27/06/2017	Active commercial farm buildings surrounded by arable fields with broadleaved woodland to the far east.	No entry points or signs observed.		Not suitable	18/08/2021	None, no change	Not suitable
11a	Y. Internal access not required.	20/02/2017	Active residential building on farm - commercial and farm buildings surrounded by arable fields	No entry points or signs observed.		Not suitable	N/A	Presumed no change. No survey access.	Not suitable


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			with sheep-grazed pasture to the east.						
11b	Y. Internal access not required.	20/02/2017	Active commercial and farm buildings surrounded by arable fields with sheep-grazed pasture to the east.	No entry points or signs observed.		Not suitable	N/A	Presumed no change. No survey access.	Not suitable
11c	N. No internal access available.	20/02/2017	Active commercial and farm buildings surrounded by arable fields with sheep-grazed pasture to the east.	Two entry points into roof void; one north side, one on west end. No signs observed.	 No	Potential nest site- Unlikely	N/A	Presumed no change. No survey access.	Potential nest site – Unlikely
11d Otterpool Manor	N/A - as of 22/02/2018 removed from site.	20/02/2017	Active commercial and farm buildings surrounded by arable fields with sheep-	As of 22/02/2018 removed from site.	No photograph – As of 22/02/2018 removed from site.	N/A - removed	N/A	N/A	N/A

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			grazed pasture to the east.						
11e/g	N. No internal access available.	20/02/2017	Active commercial and farm buildings surrounded by arable fields with sheep-grazed pasture to the east.	Five entry points into building; three in wall on west side, one in roof on east side. No signs observed.		Potential Nest Site. Anecdotal evidence that barn owl have utilised this structure in the past.	N/A	Presumed no change. No survey access.	Potential Nest Site. Anecdotal evidence that barn owl have utilised this structure in the past.



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11f	Y. Internal access not required.	20/02/2017	Active commercial and farm buildings surrounded by arable fields with sheep-grazed pasture to the east.	No entry points or signs observed.		Not suitable	N/A	Presumed no change. No survey access.	Not suitable
11h	Y. Internal access not required.	20/02/2017	Small stables and active commercial and farm buildings surrounded by arable fields with sheep-grazed pasture to the east.	Open structure with no nesting opportunities observed.		Not suitable	N/A	Presumed no change. No survey access.	Not suitable
11i	Y. Internal access not required.	20/02/2017	Small stables and active commercial and farm buildings surrounded by arable fields with sheep-	New barn. No access points observed.		Not suitable	N/A	Presumed no change. No survey access.	Not suitable



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			grazed pasture to the east.						
12a	N. Scoped out of surveys as located beyond masterplan boundary. External inspection conducted.	04/08/2017	Residential property surrounded by a garden, rough-improved grassland and broadleaved plantation.	No access points observed.		Not suitable	N/A	N/A	N/A
12b	N. Scoped out of surveys as located beyond masterplan boundary	04/08/2017	Active residential outbuilding/barn surrounded by a garden, rough-improved grassland and broadleaved plantation.	Access through door but no nesting opportunities.		Not suitable	N/A	N/A	N/A

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12c	Partial – Surveyor invited to look whilst working on adjacent land, full survey not undertaken due to time restrictions	18/01/2018	Active residential outbuilding/barn surrounded by a garden, rough-improved grassland and broadleaved plantation.	Entry point in west wall. Chalky white droppings below beam on western side, near entry point. Discussion with building owner suggested that owl (species unknown) had recently (winter 2017-18) entered the barn, and that little owls had been present 'years ago'.		Potential Nest Site Temporary Rest Site – species unconfirmed. Droppings without pellet or feather could also be tawny owl, little owl or kestrel.	N/A	N/A	N/A
12d	N. Scoped out of surveys as located beyond masterplan boundary	04/08/2017	Active residential outbuilding/barn surrounded by a garden, rough-improved grassland and broadleaved plantation.	No access points observed.		Not suitable	N/A	N/A	N/A





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13a – 13g	Y. Full survey undertaken.	27/06/2017	Rough grassland immediately surrounding. Improved grassland to west, recent broadleaved plantation to south. Industrial estate to east.	Entry point through open doorway, no signs observed.		Not suitable	N/A Scoped out of surveys as located beyond masterplan boundary	N/A	N/A
13i	Y. Internal access not required.	12/07/2017	Rough grassland immediately surrounding. Improved grassland to west, recent	Open structures and entry points, no suitable features for nesting. No signs observed.		Not suitable	N/A Scoped out of surveys as located beyond masterplan boundary	N/A	N/A




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			broadleaved plantation to south. Industrial estate to east.						
13j – 13q	Y. Internal access not required.	12/07/2017	Rough grassland immediately surrounding. Improved grassland to west, recent broadleaved plantation to south. Industrial estate to east.	Open structures and entry points, no suitable features for nesting. No signs observed.		Not suitable	N/A Scoped out of surveys as located beyond masterplan boundary	N/A	N/A
13r	Y. Internal access not required.	12/07/2017	Rough grassland immediately surrounding. Improved grassland to west, recent broadleaved plantation to south. Industrial estate to east.	No signs observed, too low to the ground.		Not suitable	Not surveyed, scoped out due to previous assessment.	N/A	Not suitable


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14a	Y	20/02/2018	Disused grassland airfield to the north. Residential buildings to the south.	No signs observed, too low to the ground.		Not suitable	Not surveyed, scoped out due to previous assessment.	N/A	Not suitable
15a	Y. Internal access not required.	09/08/2018	Arable and pastureland to the north, the A20 road to the south beyond which lies Folkestone Racecourse.	No access points observed.		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable
15b	Y. Internal access not required.	09/08/2018	Arable and pastureland to the north, the A20 road to the south beyond which lies Folkestone Racecourse.	No access points observed.		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable

Otterpool Park

ES Appendix 7.15: Breeding Bird and Barn Owl Survey Report – Update to Include April 2020 Survey Data

Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
16a	Y. Internal access not required.	06/10/2016	Railway line to the north, Folkestone Racecourse (disused) to the south	No access points observed		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable
16b	Y. Internal access not required.	06/10/2016	Railway line to the north, Folkestone Racecourse (disused) to the south	No access points observed		Not suitable	19/08/2021	No change visible. No survey access, observed from roadside only.	Not suitable
17a	Y	14/08/2017	Cleared developed land (quarry then lorry park)	N/A too low, no cover or nesting opportunities.		Not suitable	N/A	Not surveyed, scoped out due to previous	Not suitable

Otterpool Park

ES Appendix 7.15: Breeding Bird and Barn Owl Survey Report – Update to Include April 2020 Survey Data

Building ID	Full Survey Undertaken Y/N	Date of 2017 Assessment	Surrounding Habitat	Features and signs present (2017)	Photograph	Barn Owl Assessment (2017)	Date of 2021 Update Assessment	Features and signs present (2021)	Barn Owl Assessment (2021)
								assessment	

## APPENDIX D: BTO species codes utilised in the mapping

### Abbreviated code list

Mute Swan	<i>Cygnus olor</i>	MS	MUTSW
Bewick's Swan	<i>Cygnus colymbianus</i>	BS	BEWSW
Whooper Swan	<i>Cygnus cygnus</i>	WS	WHOSW
Bean Goose	<i>Anser fabalis</i>	BE	BEAGO
Bean Goose (Taiga)	<i>Anser fabalis fabalis</i>	XF	
Bean Goose (Tundra)	<i>Anser fabalis rossicus</i>	XR	
Pink-footed Goose	<i>Anser brachyrhynchus</i>	PG	PIFGO
White-fronted Goose	<i>Anser albifrons</i>	WG	WHFGO
White-fronted Goose (Greenland)	<i>Anser albifrons flavicastris</i>	NW	
White-fronted Goose (European)	<i>Anser albifrons albifrons</i>	EW	
Greylag Goose	<i>Anser anser</i>	GJ	GREGO
Greylag Goose (domestic)	<i>Anser anser</i>	ZL	
Snow Goose	<i>Anser caerulescens</i>	SJ	SNOGO
Canada Goose	<i>Branta canadensis</i>	CG	CANGO
Barnacle Goose	<i>Branta leucopsis</i>	BY	BARGO
Brent Goose	<i>Branta bernicla</i>	BG	BREGO
Brent Goose (Dark-bellied)	<i>Branta bernicla bernicla</i>	DB	
Brent Goose (Light-bellied)	<i>Branta bernicla hiola</i>	PB	
Brent Goose (Black Brant)	<i>Branta bernicla nigricans</i>	BB	
Egyptian Goose	<i>Alopochen aegyptiaca</i>	EG	EGYGO
Ruddy Shelduck	<i>Tadorna ferruginea</i>	UD	RUDSH
Shelduck	<i>Tadorna tadorna</i>	SU	SHELD
Mandarin Duck	<i>Aix galericulata</i>	MN	MANDA
Wigeon	<i>Anas penelope</i>	WN	WIGEO
American Wigeon	<i>Anas americana</i>	AW	AMEWI
Gadwall	<i>Anas strepera</i>	GA	GADWA
Teal	<i>Anas crecca</i>	T.	TEAL
Green-winged Teal	<i>Anas carolinensis</i>	TA	GRWTE
Mallard	<i>Anas platyrhynchos</i>	MA	MALLA
Mallard (domestic)	<i>Anas platyrhynchos</i>	ZF	
Pintail	<i>Anas avara</i>	PT	PINTA
Garganey	<i>Anas querquedula</i>	GY	GARGA
Shoveler	<i>Anas clypeata</i>	SY	SHOVE
Red-crested Pochard	<i>Nettion rufina</i>	RG	RECPO
Pochard	<i>Aythya ferra</i>	PO	POCHA

### Standard naming and coding of species and subspecies regularly found in Britain and Ireland (long list)



Ring-necked Duck	<i>Aythya collaris</i>	NG	RINDU
Ferruginous Duck	<i>Aythya nyroca</i>	FD	FERDU
Tufted Duck	<i>Aythya fuligula</i>	TU	TUFDU
Scaup	<i>Aythya marila</i>	SP	SCAUP
Eider	<i>Somateria mollissima</i>	E.	EIDER
Long-tailed Duck	<i>Clangula hyemalis</i>	LN	LOTDU
Common Scoter	<i>Melanitta nigra</i>	CX	COMSC
Surf Scoter	<i>Melanitta perspicillata</i>	FS	SURSC
Velvet Scoter	<i>Melanitta fusca</i>	VS	VELSC
Goldeneye	<i>Bucephala clangula</i>	GN	GOLDE
Smew	<i>Mergellus albellus</i>	SY	SMEW.
Red-breasted Merganser	<i>Mergus serrator</i>	RM	REBME
Goosander	<i>Mergus merganser</i>	GD	GOOSA
Ruddy Duck	<i>Oxyura jamaicensis</i>	RY	RUDDU
Red Grouse	<i>Lagopus lagopus scoticus</i>	RG	REDGR
Ptarmigan	<i>Lagopus muta</i>	PM	PTARM
Black Grouse	<i>Tetrao tetrix</i>	BK	BLAGR
Capercaillie	<i>Tetrao urogallus</i>	CP	CAPER
Red-legged Partridge	<i>Alectoris rufa</i>	RL	RELPA
Grey Partridge	<i>Pedix pedix</i>	P.	GREPA
Quail	<i>Coturnix coturnix</i>	Q.	QUAIL
Pheasant	<i>Phasianus colchicus</i>	PH	PHEAS
Golden Pheasant	<i>Chrysolophus pictus</i>	GF	GOLPH
Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	LM	LAAPH
Red-throated Diver	<i>Gavia stellata</i>	RH	RETDI
Black-throated Diver	<i>Gavia arctica</i>	BY	BITDI
Great Northern Diver	<i>Gavia immer</i>	ND	GRNDI
Little Grebe	<i>Echybaptes ruficollis</i>	LG	LITGR
Great Crested Grebe	<i>Podiceps cristatus</i>	GG	GRCGR
Red-necked Grebe	<i>Podiceps grisegena</i>	RX	RENGR
Slavonian Grebe	<i>Podiceps auritus</i>	SZ	SLAGR
Black-necked Grebe	<i>Podiceps nigricollis</i>	BN	BLNGR
Fulmar	<i>Fulmarus glacialis</i>	F.	FULMA
Cory's Shearwater	<i>Calonectris diomedea</i>	CG	CORSH
Great Shearwater	<i>Puffinus gravis</i>	GQ	GRTSH

## APPENDIX E: Pen portraits of surveyors

Surveyor	CV details
Ewan Gibson BSc (hons) Grad CIEEM	<i>Ewan Gibson is an ecologist with a broad range of ecological experience. Ewan has been a professional ecologist for 3 years and has conducted surveys for a range of species, including bats, badger, dormouse, amphibians and reptiles, as well as being licensed to survey for barn owl. Ewan strives to collect and collate data with accuracy and precision. He has received in-house 'on the job' training in order to understand the requirements of these surveys, including the usage of survey equipment and identification of field signs.</i>
David Darrell Lambert ESAS Qualified Surveyor	David has over 30 years field experience and has travelled all over Britain as well as overseas surveying a range of birds and wildlife. David has an excellent knowledge of all British breeding birds and migratory species. David is a Schedule 1 licence holder for barn owl for England, this has been extended for other species including black redstart and little ringed plover.
Adam Wilson MCIEEM	Adam is a registered BTO bird ringer and has over 10 years of bird surveying experience.
Steve Bunn	Steve has over 10 years bird surveying experience and has been involved in habitat management of wildlife for over 10 years.

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