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APPENDIX 7: WINTERING BIRD REPORT

Client

Hargreaves Land

Project

Lincolnshire Lakes (North),

Scunthorpe

Date

January 2025

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1.0 INTRODUCTION

- 1.1 The following winter bird report has been prepared by FPCR Environment and Design Ltd. (FPCR) on behalf of Hargreaves Land to undertake Wintering Bird Survey (WBS) at Lincolnshire Lakes (North), in Scunthorpe (central OS grid reference: SE 86470 09734), herein referred to as 'the Site' (see Figure 1 of the EclA for location).
- 1.2 This document is provided as an Appendix to the Ecological Impact Assessment (FPCR, 2025) and completes the ecological assessment for wintering birds.

2.0 LEGISLATION AND POLICY

Legislation

- 2.1 The Wildlife and Countryside Act 1981 (as amended)¹ (WCA) is the principal legislation affording protection to UK wild birds. Under this legislation all birds, their nests and eggs are protected by law and it is an offence, with certain exceptions, to recklessly or intentionally:
- Kill, injure or take any wild bird;
 - Take, damage or destroy the nest of any wild bird while in use or being built; or
 - Take or destroy the egg of any wild bird.
- 2.2 Additional protection is afforded to species listed on Schedule 1 of the WCA, whereby intentional disturbance whilst building or occupying a nest or disturbance of dependent young is considered an offence.
- 2.3 Certain species have also been identified as species of principal importance under Section 41 of the NERC Act 2006 (NERC 5.41). The 5.41 list is used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under Section 40 of the Natural Environment and Rural Communities Act 2006, to have regard to the conservation of biodiversity in England, when carrying out their normal functions
- 2.4 The Local Biodiversity Action Plan (LBAP) for Lincolnshire², includes action plans for certain species found within the county. Bird species include barn owl *Tyto alba*, grey partridge *Perdix perdix*, lapwing *Vanellus vanellus*, yellow wagtail *Motacilla flava*, skylark *Alauda arvensis*, corn bunting *Emberiza calandra*, linnet *Linaria cannabina*, yellowhammer *Emberiza citrinella*, reed bunting *Emberiza schoeniclus*, turtle dove *Streptopelia turtur*, bullfinch *Pyrrhula pyrrhula*, starling *Sturnus vulgaris*, tree sparrow *Passer montanus*, snipe *Gallinago gallinago*, curlew *Numenius arquata* and redshank *Tringa totanus*.

¹ Wildlife and Countryside Act 1981 (as amended). London: HMSO. [Online]. Available at: <http://www.legislation.gov.uk/ukpga/1981/69>

² Lincolnshire Biodiversity Partnership (2011) Lincolnshire Biodiversity Action Plan 2011-2020. [Online]. Available at: <http://www.southkesteven.gov.uk/CHttpHandler.ashx?id=7371&p=0>

Status

- 2.5 In addition to statutory protection, some bird species are classified according to their conservation status, such as their inclusion on the Red and Amber lists of Birds of Conservation Concern (BoCC) in the UK³.
- 2.6 Red list (high conservation concern) meet at least one of the following criteria:
- they are globally threatened according to IUCN criteria
 - their population has declined rapidly (50% or more) in recent years; and /or
 - they that have declined historically and not shown a substantial recent recovery.
- 2.7 Amber list (medium conservation concern) species are those that meet at least one of the following criteria:
- they have an unfavourable conservation status in Europe;
 - their population or range has declined moderately (between 25% and 49%) in recent years;
 - their population has declined historically but made a substantial recent recovery;
 - they are rare breeders; and
 - they have internationally important or localised populations.
- 2.8 Green list (low conservation concern) species fulfil none of the above criteria.

3.0 METHODOLOGY

Desk Study

- 3.1 In order to compile existing baseline ornithological information, the following statutory and non-statutory organisations were consulted for data regarding designated sites for which birds are a designating feature, and protected/notable bird records from the preceding 20 years:
- Natural England via the Multi Agency Geographic Information for the Countryside (MAGIC) website⁴;
 - Greater Lincolnshire Nature Partnership Environmental Record Centre (LERC); and
 - The Lincolnshire Bird Report 2022⁵
- 3.2 The geographical extent of the search area for biodiversity information was related to the significance of sites and species and potential zones of influence which might arise from development within the Site, as follows:
- 10km around the Site boundary for sites of International Importance (e.g. Special Protection Areas [SPAs], Special Area of Conservation [SAC]; Ramsar sites);

³ Stanbury, A., Eaton, M., Aebischer, N., Balmer, D., Brown, A., Douse, A., Lindley, P., McCulloch, N., Noble, D., and Win I. 2021. The status of our bird populations: the fifth Birds of Conservation Concern in the United Kingdom, Channel Islands and Isle of Man and second IUCN Red List assessment of extinction risk for Great Britain. *British Birds* 114: 723-747.

⁴ Magic.gov.uk

⁵ Lincolnshire Bird Club (2023) Lincolnshire Bird Report 2022

- 2km around the Site boundary for statutory sites of National or Regional Importance (e.g. Sites of Special Scientific Interest [SSSIs]);
- 1km around the Site boundary for non-statutory designated sites of County Importance (e.g. Local Wildlife Sites (LWSs); and
- In the local area (approximately 2km) for protected or otherwise notable species records.

Field Survey

Diurnal Survey

- 3.3 The methodology employed was broadly based on territory mapping used for the British Trust for Ornithology (BTO) Common Bird Census (CBC). Standard BTO species codes and symbols for bird activities were used to identify birds and denote activity, sex and age where appropriate.
- 3.4 The route around the survey area was mapped out prior to the surveys being undertaken, paying particular attention to linear features, such as hedgerows and tree lines, and any notable habitat features such as areas of scrub or any waterbodies. When arriving on-site, any notable birds present were initially observed at a distance from a viewpoint. This process was repeated at several viewpoints around the Site, as required. The route was therefore adapted so that any birds present could be carefully followed, with a suitable distance maintained at all times to minimise any risk of the surveyor altering bird behaviour. Information was recorded on bird behaviour, paying particular attention to any behavioural changes and their potential cause
- 3.5 Surveys were carried out between the wintering bird season (October-March, inclusive) in both 2022-2023 and 2023-2024. To provide a robust level of accuracy for determining the population status of wintering birds in the survey area, a total of 12 surveys have been undertaken across the two seasons, to cover the over-wintering and passage period.
- 3.6 Bird Surveys were not conducted in unfavourable conditions such as heavy rain or strong wind, (conditions which can negatively affect the results). Table 1a provides details of the survey dates and weather conditions for each survey period.

Survey Timing

- 3.7 Surveys were programmed to encompass a range of tidal states, with an emphasis on high tide in order to establish whether the Site was being used as a winter high tide roosting or foraging resource by Humber Estuary SPA - associated species. Surveys were conducted within two hours before tide and two hours after tide. Table 1a and 1b provides details of the survey dates, tidal states, and conditions.

Nocturnal Surveys

- 3.8 To establish the use of the site by wintering birds as a nocturnal roosting or foraging resource, monthly surveys were conducted throughout the wintering bird season (October-March, inclusive) in both 2022-2023 and 2023-2024. To provide a robust level of accuracy for determining the population status of wintering birds in the survey area, a total of 12 surveys have been undertaken across the two seasons, to cover the over-wintering and passage period.
- 3.9 The route around the site was predetermined and follows that set for the diurnal survey and included pre-determined vantage point locations which allowed open areas to be scanned.

3.10 Surveyors used thermal scopes (Pulsar Axion XQ30) to identify the presence of birds present onsite. Surveys began at least one hour after sunset and were timed to encompass different tidal states. Surveys were conducted within two hours before tide and two hours after tide. Table 1b provides details of the survey dates, tidal states and weather conditions for each survey period.

Table 1a: Diurnal Wintering Bird Survey Dates and Conditions

Survey	Date	Tide	Cloud Cover (%)	Rain	Wind (Beaufort)	Visibility
2022 – 2023 season						
1	27.10.22	HT 08:53	100	1	1	Good
2	23.11.22	LT 14:33	60	0	1	Good
3	16.12.22	HT 12:43	60	0	1	Very Good
4	19.01.23	LT 12:26	0	0	1	Excellent
5	24.02.23	HT 10:10	80	0	2	Very Good
6	30.03.23	HT 14:41	90	0	2	Very Good
2023 – 2024 season						
7	30.10.23	HT 07:37	100	0	1	Good
8	10.11.23	LT 13:00	25	0	1	Excellent
9	06.12.23	HT 14:09	5	0	1	Excellent
10	18.01.24	HT 12:43	20	0	1	Very Good
11	14.02.24	HT 10:26	80	0	2	Very Good
12	07.03.24	LT 12:19	70	1	2	Very Good

Table 1b: Nocturnal Wintering Bird Survey Dates and Conditions

Survey	Date	Tide	Cloud Cover (%)	Rain	Wind (Beaufort)
2022 – 2023 season					
1	10.10.22	HT 20:45	10	0	1
2	09.11.22	HT 19:46	20	0	1
3	06.12.22	HT 18:12	30	0	2
4	09.01.23	HT 20:42	80	0	3
5	06.02.23	HT 19:57	30	0	1
6	14.03.23	HT 21:25	40	0	2
2023 – 2024 season					
7	30.10.23	HT 20:07	100	1	1
8	20.11.23	LT 18:49	100	0	3
9	14.12.23	HT 19:59	95	0	1
10	04.01.24	LT 19:55	80	0	2
11	26.02.24	HT 20:31	100	1	1
12	27.03.24	HT 20:31	50	0	2

4.0 RESULTS

Desk Study

Designated Sites

Statutory Sites

- 4.1 The Humber Estuary designated site lies in close proximity to the Site. The southern tip of the Humber Estuary European Marine Site extends down the River Trent to within c. 2.1km of the northwestern extent of the Site. Only the Special Area of Conservation (SAC), Ramsar and Site of Special Scientific Interest (SSSI) designations extend down the River Trent: the closest part of the Special Protection Area (SPA) boundary is c. 10.9 km to the north. A summary of the justification for these designations are provided in Table 2.
- 4.2 Wintering or passage species listed on the SPA designation are six Annex I species (avocet, bittern, hen harrier, golden plover, bar-tailed godwit, and ruff), five migratory species (shelduck, knot, dunlin, black-tailed godwit and redshank), and its waterbird assemblage species (see Table 2).

Table 2: Nature Conservation Designations of the Humber Estuary. Wintering or passage bird species are shown in blue font.

Designation	Justification / Interest Feature
SPA	A high proportion of the total UK population of wintering and breeding bird species listed on Annex I of the Birds Directive. These are: <i>Avocet Recurvirostra avosetta</i> (W ⁶ & B ⁷) <i>Bittern Botaurus stellaris</i> (W & B) <i>Hen harrier Circus cyaneus</i> (W) <i>Golden plover Pluvialis apricaria</i> (W) <i>Bar-tailed godwit Limosa lapponica</i> (W) <i>Ruff Calidris pugnax</i> (P ⁸) <i>Marsh harrier Circus aeruginosus</i> (B) <i>Little tern Sternula albifrons</i> (B)
	Supporting populations of European importance of the following migratory species: <i>Shelduck Tadorna tadorna</i> (W) <i>Knot Calidris canutus</i> (W & P) <i>Dunlin Calidris alpina</i> (W & P) <i>Black-tailed godwit Limosa limosa</i> (W & P) <i>Redshank Tringa totanus</i> (W & P)
	The large total numbers of non-breeding waterbirds supported by the estuary: 153,934 (5-year peak mean 1996/97 – 2000/01) waterbirds including: <i>dark-bellied brent goose, shelduck, wigeon, teal, mallard, pochard, scaup, goldeneye, bittern, oystercatcher, avocet, ringed plover, golden plover, grey plover, lapwing, knot, sanderling, dunlin, ruff, black-tailed godwit, bar-tailed godwit, whimbrel, curlew, redshank, greenshank and turnstone.</i>

⁶ W – Wintering Population

⁷ B – Breeding Population

⁸ P – On Passage

Designation	Justification / Interest Feature
SAC	<p>Primarily designated because of the Annex 1 habitats: <i>Estuaries</i> and <i>Mudflats/sandflats not covered by seawater at low tide</i>. The estuary also supports a number of other habitats listed on Annex I of the Habitats Directive: <i>Sandbanks which are slightly covered by sea water all the time</i>, <i>Coastal lagoons</i>, <i>Salicornia and other annuals colonizing mud and sand</i>, <i>Atlantic salt meadows (Glauco-Puccinellietalia maritimae)</i>, <i>Embryonic shifting dunes</i>, <i>"Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")"</i>, <i>"Fixed coastal dunes with herbaceous vegetation ("grey dunes")"</i>, <i>Dunes with Hippopha rhamnoides</i>.</p> <p>Annex II species present include sea lamprey <i>Petromyzon marinus</i>, river lamprey <i>Lampetra fluviatilis</i> and grey seal <i>Halichoerus grypus</i>.</p>
RAMSAR	<p>The Site represents a near-natural estuary with a complex of notable habitats. Populations of grey seal and Natterjack toad <i>Epidalea calamita</i> are supported by the estuary.</p> <p>The Humber estuary is also designated for the numbers of wintering bird species it supports.</p> <p>The estuary forms part of the migration route for sea lamprey and river lamprey.</p>
SSSI	<p>Supports a series of nationally important habitats.</p> <p>Nationally important numbers of 22 wintering wildfowl and 9 passage wader species*.</p> <p>Nationally important breeding bird assemblage of lowland open waters.</p> <p>Nationally important breeding colony of grey seal, sea lamprey and river lamprey.</p> <p>Nationally important plant and invertebrate assemblages.</p>
	<p>* The SSSI citation includes 'Nationally important numbers of 22 wintering wildfowl and 9 passage wader species' as one of the reasons for notification. Species listed as a monitored feature⁹ are:</p> <ul style="list-style-type: none"> Avocet, bar-tailed godwit, bittern, black-tailed godwit, brent goose, curlew, dunlin, golden plover, goldeneye, greenshank, grey plover, knot, lapwing, oystercatcher, pochard, redshank, ringed plover, ruff, sanderling, scaup, shelduck, teal, turnstone, whimbrel, and wigeon.
Key: (W) = wintering, (B) = breeding, (P) = passage	

Non-Statutory Sites

- 4.3 Six Local Wildlife Sites (LWS) are present within 1km of the Site, however none are designated for their ornithological interest.

Species Records

- 4.4 Ninety bird records of thirteen notable species were provided on site, or at a spatial resolution which could include the Site. These records included Lapwing *Vanellus vanellus* which is a species associated with the Humber Estuary designated site.

⁹ <https://designatedsites.naturalengland.org.uk/SiteDetail.aspx?SiteCode=s2000480>

4.5 A further fifty bird records were provided within 2km of the Site boundary. This included eleven notable species, such as corn bunting *Emberiza calandra* and reed bunting *Emberiza schoeniclus*. No species associated with the Humber Estuary designated site was returned in these records.

Field Survey

4.6 A total of 64 bird species were recorded within the survey area across the two survey periods. Of these, 32 appear on one or more of the of the following and are hereafter referred to as 'notable species':

- Schedule 1 of WCA;
- BoCC Red or Amber lists;
- Section 41 of the NERC Act 2006; and / or
- Local Biodiversity Action Plan

4.7 Table 3 provides a summary of the notable bird species within the survey area and Figures 7.1 – 7.12 shows their recorded locations within each month surveyed. A full list of results is provided in Appendix 7.1 and Appendix 7.2.

Table 3: Notable Bird Species Recorded and Their Recent Status in Lincolnshire. Species in blue font are those that are associated with the Humber Estuary designated site.

Species	Legal/ Conservation Stats	Peak Count / No. of Survey Visits Recorded 2022	Peak Count / No. of Survey Visits Recorded 2023	Recent Status in Lincolnshire
Mallard <i>Anas platyrhynchos</i>	Amber List SPA	29/7	19/8	Common resident, passage migrant and winter visitor
Teal <i>Anas crecca</i>	Amber List	14/3	2/1	Common migrant and winter visitor
Grey Partridge <i>Perdix perdix</i>	Red List NERC S.41 LBAP	14/4	50/6	Common but declining resident
Woodpigeon <i>Columba palumbus</i>	Amber List	291/5	40/10	Abundant resident, passage migrant and winter visitor
Lapwing <i>Vanellus Vanellus</i>	Red List NERC S.41 LBAP	50/4	80/3	Common but declining breeding species, becoming scarce, and very common passage migrant and winter visitor
Golden Plover <i>Pluvialis apricaria</i>	Green List	4/1	-	Very common passage migrant and winter visitor
Woodcock <i>Scolopax rusticola</i>	Red List	-	3/6	Fairly common resident in woodland, passage migrant and common winter visitor
Snipe <i>Gallinago gallinago</i>	Amber List	44/6	10/6	Scarce breeder, fairly common/common passage migrant and winter visitor
Black-headed Gull <i>Chroicocephalus ridibundus</i>	Amber List	-	123/5	Very common resident, passage migrant and winter visitor
Common Gull <i>Larus canus</i>	Amber List	-	9/2	Very common passage migrant and winter visitor

Species	Legal/ Conservation Stats	Peak Count / No. of Survey Visits Recorded 2022	Peak Count / No. of Survey Visits Recorded 2023	Recent Status in Lincolnshire
Herring Gull <i>Larus argentatus</i>	Red List NERC S.41	-	40/1	British form 'argenteus', a common passage migrant and winter visitor; fairly common and increasing breeding species. Nominant northern European form 'argentatus' a fairly common winter visitor
Sparrowhawk <i>Accipiter nisus</i>	Amber List	1/1	-	Common resident and passage migrant
Short-eared Owl <i>Asio flammeus</i>	Green List	-	1/1	Scarce winter visitor and occasional breeder
Barn Owl <i>Tyto alba</i>	Green List WCA Sch.1	3/3	1/2	Common and widespread resident with good breeding years coinciding with peaks in the vole population
Tawny Owl <i>Strix aluco</i>	Amber List	1/2	2/1	Common resident, widespread but predominantly in wooded areas
Kestrel <i>Falco tinnunculus</i>	Amber List	4/5	2/5	Common resident and passage migrant
Rook <i>Corvus frugilegus</i>	Amber List	3/1	-	Very common resident also passage migrant and winter visitor
Skylark <i>Alauda arvensis</i>	Red List NERC S.41	35/9	15/6	Very common resident, passage migrant and winter visitor
Wren <i>Troglodytes troglodytes</i>	Amber List	7/2	3/5	Abundant resident and partial migrant
Starling <i>Sturnus vulgaris</i>	Red List NERC S.41 LBAP	105/1	50/1	Very common resident, passage migrant and winter visitor
Song Thrush <i>Turdus philomelos</i>	Amber List NERC S.41 LBAP	1/1	1/1	Very common resident
Mistle Thrush <i>Turdus viscivorus</i>	Red List	1/1	-	Common resident and partial migrant
Redwing <i>Turdus iliacus</i>	Amber List WCA Sch.1	4/2	1/1	Very common passage migrant and winter visitor
Fieldfare <i>Turdus pilaris</i>	Red List WCA Sch.1	11/1	30/3	Very common passage migrant and winter visitor
Tree Sparrow <i>Passer montanus</i>	Red List NERC S.41 LBAP	2/1	-	Common though localised resident and partial migrant
House Sparrow <i>Passer domesticus</i>	Red List NERC S.41 LBAP	1/1	-	Abundant resident and partial migrant
Dunnock <i>Prunella modularis</i>	Amber List NERC S.41	5/3	3/4	A very common resident and partial migrant
Meadow Pipit <i>Anthus pratensis</i>	Amber List	5/4	2/1	Common/very common resident, passage migrant and winter visitor
Linnet <i>Linaria cannabina</i>	Red List NERC S.41 LBAP	75/6	5/2	Very common resident, passage migrant and winter visitor
Corn Bunting <i>Emberiza calandra</i>	Red List NERC S.41	4/1	-	Fairly common but somewhat localised and declining resident

Species	Legal/ Conservation Stats	Peak Count / No. of Survey Visits Recorded 2022	Peak Count / No. of Survey Visits Recorded 2023	Recent Status in Lincolnshire
	LBAP			
Yellowhammer <i>Emberiza citrinella</i>	Red List NERC S.41 LBAP	80/5	-	Very common resident
Reed Bunting <i>Emberiza schoeniclus</i>	Amber List NERC S.41 LBAP	47/5	4/4	Very common resident and passage migrant

SPA Species

4.8 Four species associated with the Humber Estuary SPA were recorded within the survey area across the two seasons of surveys; mallard *Anas platyrhynchos*, teal *Anas crecca*, lapwing *Vanellus vanellus* and golden plover *Pluvialis apricaria*. Additionally, one species considered a 'non-qualifying' species of interest in regard to the Humber Estuary SPA was recorded on-site; short-eared owl *Asio flammeus*.

2022-2023

- 4.9 Mallard were recorded within the redline boundary within the ditches, birds were in small numbers with a peak count of 29 individuals, which equates to 2.2% of the Humber Estuary population (based on five-year mean 2017/18-2021/22; 1293 individuals¹⁰). The birds recorded within the site were utilising the ditches for foraging. Within the larger survey area, mallard were recorded within ditches and within a flooded area of a field north-east of the site boundary (approx. 260m off the site boundary).
- 4.10 Teal were recorded largely within the wider survey area, namely within a flooded field north-east of the site boundary, with a peak count of 14 individuals, equating to 0.2% of the Humber Estuary population (based on five-year mean 2017/18-2021/22; 5294 individuals¹¹).
- 4.11 Lapwing were predominantly recorded on-site during nocturnal surveys in low numbers, with individual birds seemingly using the field compartments for foraging and roosting. During diurnal surveys flocks of lapwing were seen infrequently, with small flocks (peak count of 20 individuals; 0.13% of Humber Estuary population, based on five-year mean; 15,271 individuals¹²) seen within the site boundary foraging. Within the larger area, low numbers of lapwing were recorded similarly during nocturnal and diurnal surveys, with a peak count of 50 birds recorded to the south-east of the redline boundary, equating to 0.3% of the Humber Estuary population (based on five-year mean 2017/18-2021/22; 15,271 individuals¹³).
- 4.12 Golden plover was recorded within the site boundary on one nocturnal survey occasion. These birds were noted to be foraging within the field compartment, in low numbers; peak count of 4

¹⁰ Woodward, I.D., Calbrade, N.A., Birtles, A., Feather, G.A., Peck, K., Wotton, S.R., Shaw, J.M., Balmer, D.E. and Frost, T.M. 2024. Waterbirds in the UK 2022/23: The Wetland Bird Survey and Goose & Swan Monitoring Programme. BTO/RSPB/JNCC/NatureScot. Theford.

¹¹ Op. cit

¹² Op. cit

¹³ Op. cit

individuals (0.019% of Humber Estuary Population; based on five-year mean; 20,812 individuals¹⁴).

2023-2024

- 4.13 Mallard continued to be recorded onsite and the wider area throughout the 2023-2024 survey period. Similarly to the previous year, mallard were predominantly recorded utilising the on-site ditches and the off-site flooded field to the north-east. A peak count of 19 mallard were recorded throughout the surveys, equating to 1.3% of the Humber Estuary population (based on five-year mean; 1,459 individuals¹⁵).
- 4.14 Teal were recorded less frequently than the previous year, with only 2 individuals recorded on one survey occasion (0.03% Humber Estuary population; based on five year mean; 5710 individuals¹⁶). These birds were recorded within the flooded field offsite.
- 4.15 Lapwing were recorded for the most part in low numbers, with the exception of a flock of 80 birds recorded in November 2023, representing 0.5% of the Humber Estuary population (based on five-year mean; 15,951 individuals¹⁷). All instances of lapwing were recorded within the flooded field offsite, approximately 260m from the site boundary.
- 4.16 Golden plover were not recorded within the site or the wider area during the 2023-2024 surveys.
- 4.17 Short-eared owl were recorded within the site boundary on one survey occasion. This individual was recorded foraging within the field compartments before flying south of the site boundary.

SSSI Species

- 4.18 Three species associated with the Humber Estuary SSSI were identified on-site and within the wider survey area. This included the following species; lapwing, golden plover and teal. A full description of the presence of these birds within the redline boundary and wider survey area is included above within paragraphs 4.10 to 4.12 and paragraphs 4.14 to 4.16.

Bird Survey Results Description

- 4.19 The arable fields and their margins on-site provide foraging opportunities for notable bird species. This included large flocks of woodpigeon *Columba palumbus*, moderate flocks of linnet *Linaria cannabina*, skylark *Alauda arvensis*, yellowhammer *Emberiza citrinella* and small numbers of lapwing. Kestrel *Falco tinnunculus* and barn owl *Tyto alba* utilised the field for hunting. Other species utilising the agricultural fields included buzzard *Buteo buteo*, black-headed gull *Chroicocephalus ridibundus* and a range of common and widespread corvid species.
- 4.20 The ditches on-site provide foraging and sheltering opportunities for notable bird species. This included small numbers of mallard and reed bunting *Emberiza schoeniclus*.
- 4.21 The offsite field approximately 260m northeast of the site boundary, was flooded with a large shallow pool of water throughout the wintering surveys. This shallow pool supported a number of foraging birds including lapwing, snipe *Gallinago gallinago*, mallard and teal.

¹⁴ Op. cit

¹⁵ Op. cit

¹⁶ Op. cit

¹⁷ Op. cit

5.0 DISCUSSION

- 5.1 The following section provides an assessment of the potential impacts of the proposals upon wintering birds. Where appropriate, recommendations are provided for mitigation and enhancement that take account of the likely ecological effects.
- 5.2 The species assemblage recorded on Site is typical for the rural agricultural, grassland and woodland edge habitat on Site. The wintering bird assemblage recorded to be using the site contains 32 notable species along more common and widespread species.

Humber Estuary SPA

- 5.3 Habitats surrounding the Humber Estuary SPA can provide a habitat resource that is used at certain times by its notable bird populations, e.g., for foraging or roosting. Such areas are referred to as 'supporting habitat.' The following assesses if the arable habitat of the Site provides supporting habitat to the Humber Estuary.
- 5.4 The wintering bird surveys have demonstrated that the habitats within the Site do support low numbers of assemblage criteria species of the Humber Estuary SPA. However, due to the distance between the site and SPA designated area and the low numbers of SPA cited birds utilising the site, it is considered that that the site is not likely to be functionally linked to the SPA to an extent that would impact the favourable conservation status of the wintering bird assemblage, because it is not essential to their life and reproduction and the impact of the proposals would not result in an adverse effect on the integrity of the SPA.

Humber Estuary Ramsar / SSSI

- 5.5 The Humber Estuary Ramsar / SSSI is located 2.1km from the Site. Three species associated with the Ramsar / SSSI were recorded within the survey area; golden plover, teal and lapwing.

Golden Plover

- 5.6 Whilst not recorded during the 2023/2024 wintering season, surveys in 2021/2022 have demonstrated that the habitats on-site do support qualifying species of the Humber Estuary Ramsar / SSSI, albeit not regularly. During the 2021/2022 winter surveys golden plover were recorded onsite once during a nocturnal survey and were absent from all other surveys, indicating the site offers occasional use for foraging / nocturnal roosting. In addition, the number of birds recorded using the site was in non-significant numbers (0.019% of the estuary population).
- 5.7 This, combined with the lack of records of this species during the majority of the wintering bird surveys, indicates that the Site does not represent 'supporting habitat' for species of the Humber Estuary national and international site.

Lapwing

- 5.8 Lapwing have been recorded within the site boundary in small numbers (0.13% of estuary population), across the two years of surveys. The number of birds using the site is considered non-significant in regard to the international and national designated site.

Teal

- 5.9 Teal were more consistently recorded utilising the site during the 2022/2023 survey season. However, the numbers within the site boundary consisted of 1-2 individuals during surveys within the on-site ditches. During the 2023/2024 surveys teal were only recorded once outside the site boundary.
- 5.10 The ditch habitats have not changed between the two survey seasons, as such it is considered that the absence of teal on site in 2023/2024 is due to their behaviour as large ranging species.

Wider Survey Area

- 5.11 Arable fields within the wider survey area (Figure 7.1-7.12) do support species associated with the Humber Estuary Ramsar / SSSI, namely lapwing and teal. It is not considered that the development proposals within the Site will impact the favourable conservation status of the wintering bird assemblage utilising these other fields. This is due to the following reasons:
- a) Lapwings are widely dispersed species, and they are likely to utilise many different fields in the wider countryside. Lapwing were only present in slightly larger numbers twice across the two years of surveys (0.3% and 0.5% of the estuary population, respectively), indicating that they utilise the survey area infrequently.
 - b) Teal were recorded in non-significant numbers in 2022/2023, with a peak of 0.2% of the estuary population, and were only recorded once in 2023/2024. Indicating the areas use is limited to occasional foraging by this species.

Wintering Bird Assemblage

- 5.12 The internal sections of the arable fields were suitable for over-wintering farmland birds namely skylark, linnet, yellowhammer and woodpigeon. The number of birds recorded fluctuated between the two surveys periods, likely due to changes in cropping regimes between the two years. The use of the farmland habitats by certain species is heavily dependent on the types of crops grown, which determines the vegetation height across individual wintering periods, which in turn would impact usage within any particular season.
- 5.13 The proposals will require the loss of the majority of the farmland habitat within the Site and as such will cause a reduction in the availability of foraging habitat for such species. The creation of species rich grassland within the greenspace will provide compensation for the loss of existing habitats and will be appropriately managed to maintain a varied sward throughout winter, providing optimal foraging opportunities for farmland birds.
- 5.14 The hedgerows, and woodland around the perimeter of the Site and demarcating the arable field compartments hosted several notable species such as tree sparrow and dunnock. In addition, these habitats supported an assemblage of common and widespread species comprising common, tit, thrush, and finch species.
- 5.15 The proposals will require the losses of some hedges and ditches to facilitate the development, which will be compensated for with the creation of additional hedgerows and the creation of wetland habitat.

6.0 COMPENSATION & MITIGATION

- 6.1 Measures to compensate and mitigate potential impacts upon wintering birds during construction and operation of the scheme are detailed below.

Habitat Loss

- 6.2 The Site will be developed in phases, with the end result being that all arable habitat on site will be lost, alongside partial loss of hedgerows and wet ditches. The loss of wintering habitat will largely be compensated for in connection with the water vole habitat receptor which is to be constructed during late 2025 / early 2026 as well as other greenspace onsite.
- 6.3 A water vole receptor is to be built within the north-western parcel of the Site, and will consist of the creation of wetland habitats, consisting of a series of wet ditches alongside a series of raised islands. These islands will consist of gravelled areas and wet grassland mixes and will not include scrub or tree planting in order to ensure open flightlines. The creation of this habitat will continue to provide foraging and roosting space for species associated with the Humber Estuary Ramsar / SSSI.
- 6.4 To the south of the water vole receptor a large area of greenspace will be created which will include significant tree and hedgerow planting as well as the creation of large areas of meadow grassland and wet grassland. Further providing suitable foraging and roosting space for wintering birds.

Construction

- 6.5 Construction operations have the potential to disturb birds using the Site for roosting, foraging, and breeding. Operations likely to disturb wintering birds include noise from vegetation clearance, initial ground works and some construction activities, such as piling, which are of low frequency but high amplitude. Active, high level, infrequent disturbance causes most birds to be displaced for short periods. During the wintering season disturbance may lead to the avoidance of important foraging habitats. Whilst there is some potential for foraging success to be reduced, this is not expected to affect the local conservation status of the majority of the wintering bird species.

APPENDIX 7.1: WINTERING BIRD SURVEY RESULTS 2022-2023

Species: British Common Name	Species: Latin name	Survey 1 10.10.2 2	Survey 2 27.10.2 3	Survey 3 09.11.2 3	Survey 4 23.11.23	Survey 5 06.12.2 3	Survey 6 16.12.23	Survey 7 09.01.2 3	Survey 8 19.01.2 3	Survey 9 06.02.2 3	Survey 10 26.02.2 3	Survey 11 14.03.23	Survey 12 30.03.23	Conservation Status & Protection
Mallard	<i>Anas platyrhynchos</i>	1 flyover	37 flyover			7					2 + 3 flyover			Amber List
Teal	<i>Anas crecca</i>						14			1	2	1		Amber List
Grey Partridge	<i>Perdix perdix</i>				14					1		2		Red List NERC S.41
Pheasant	<i>Phasianus colchicus</i>	1	2		10		7	2	3					Not Listed
Red-legged Partridge	<i>Alectoris rufa</i>						1		2					Not Listed
Feral Pigeon	<i>Columba livia f. domestica</i>		650 + 20 flyovers		12 + 100 flyover		600		700		16		100	Not Listed
Stock Dove	<i>Columba oenas</i>												4	Amber List
Woodpigeon	<i>Columba palumbus</i>		8 + 64 flyover		291			1						Amber List
Lapwing	<i>Vanellus vanellus</i>	3					50	28	20	1				Red List NERC S.41
Golden Plover	<i>Pluvialis apricaria</i>			4								2		Green List
Woodcock	<i>Scolopax rusticola</i>							1						Red List
Snipe	<i>Gallinago gallinago</i>			10		3	12		1	12	4	1		Amber List
Black-headed Gull	<i>Chroicocephalus ridibundus</i>		38 flyover								2 flyover			Amber List

Species: British Common Name	Species: Latin name	Survey 1 10.10.2 2	Survey 2 27.10.2 3	Survey 3 09.11.2 3	Survey 4 23.11.23	Survey 5 06.12.2 3	Survey 6 16.12.23	Survey 7 09.01.2 3	Survey 8 19.01.2 3	Survey 9 06.02.2 3	Survey 10 26.02.2 3	Survey 11 14.03.23	Survey 12 30.03.23	Conservation Status & Protection
Lesser Black-backed Gull	<i>Larus fuscus</i>						1 flyover							
Herring Gull	<i>Larus argentatus</i>				1 flyover									Red List NERC S.41
Cormorant	<i>Phalacrocorax carbo</i>				3						1 flyover		1 flyover	Green List
Buzzard	<i>Buteo buteo</i>		2		1				1		3		1	Green List
Barn Owl	<i>Tyto alba</i>	1		1			3			1		1		Green List WCA Sch.1
Tawny Owl	<i>Strix aluco</i>					1								Amber List
Little Owl	<i>Athene noctua</i>						1							Green List
Great Spotted Woodpecker	<i>Dendrocopos major</i>													Green List
Kestrel	<i>Falco tinnunculus</i>		1		2		1		1		2		1	Amber List
Jay	<i>Garrulus glandarius</i>		2											Green List
Magpie	<i>Pica pica</i>		5		1				2		5		1	Green List
Jackdaw	<i>Coloeus monedula</i>		1						100				10	Green List
Carrion Crow	<i>Corvus corone</i>		2+2 flyover		3		2				1+2 flyover		1	Green List
Rook	<i>Corvus frugilegus</i>						3		12					Amber List

Species: British Common Name	Species: Latin name	Survey 1 10.10.2 2	Survey 2 27.10.2 3	Survey 3 09.11.2 3	Survey 4 23.11.23	Survey 5 06.12.2 3	Survey 6 16.12.23	Survey 7 09.01.2 3	Survey 8 19.01.2 3	Survey 9 06.02.2 3	Survey 10 26.02.2 3	Survey 11 14.03.23	Survey 12 30.03.23	Conservation Status & Protection
Coal Tit	<i>Periparus ater</i>		2								1			Green List
Blue Tit	<i>Cyanistes caeruleus</i>		1		4						1			Green List
Great Tit	<i>Parus major</i>		1								2			Green List
Long-tailed Tit	<i>Aegithalos caudatus</i>		1											Green List
Skylark	<i>Alauda arvensis</i>	4	17		35	2	35	9	40		17		8	Red List NERC S.41
Wren	<i>Troglodyt es troglodyte s</i>		7		2						1			Amber List
Nuthatch	<i>Sitta europaea</i>						2							Green List
Starling	<i>Sturnus vulgaris</i>		105 +2 flyover											Red List NERC S.41
Mistle Thrush	<i>Turdus viscivrous</i>		1 flyover								1			Red List
Redwing	<i>Turdus iliacus</i>		2		4 + 10 flyover									Amber List WCA Sch.1
Blackbird	<i>Turdus merula</i>		2		4		70				3			Green List
Fieldfare	<i>Turdus piliaris</i>						11		11					Red List WCA Sch.1
Robin	<i>Erithacus rubecula</i>		10		1						1			Green List
Tree Sparrow	<i>Passer montanus</i>						2							Red List NERC S.41

Species: British Common Name	Species: Latin name	Survey 1 10.10.2 2	Survey 2 27.10.2 3	Survey 3 09.11.2 3	Survey 4 23.11.23	Survey 5 06.12.2 3	Survey 6 16.12.23	Survey 7 09.01.2 3	Survey 8 19.01.2 3	Survey 9 06.02.2 3	Survey 10 26.02.2 3	Survey 11 14.03.23	Survey 12 30.03.23	Conservation Status & Protection
House Sparrow	<i>Passer domesticus</i>						1							Red List NERC S.41
Dunnock	<i>Prunella modularis</i>		5		1									Amber List NERC S.41
Meadow Pipit	<i>Anthus pratensis</i>		5		2									Amber List
Chaffinch	<i>Fringilla coelebs</i>		21				5		20		21			Green List
Greenfinch	<i>Chloris chloris</i>								12		10			Red List
Brambling	<i>Fringilla montifringilla</i>								1					Green List WCA Sch.1
Linnet	<i>Linaria cannabina</i>		75 + 1 flyover		31 flyover		14		10		21		32	Red List NERC S.41
Goldfinch	<i>Carduelis carduelis</i>		8 + 5 flyover		32 + 10 flyover		4 + 0		10		21		5	Green List
Siskin	<i>Spinus spinus</i>		1											Green List
Corn Bunting	<i>Emberiza calandra</i>				4									Red List NERC S.41
Yellowhammer	<i>Emberiza citrinella</i>		80		8 + 2 flyover				102		20		21	Red List NERC S.41
Reed Bunting	<i>Emberiza schoeniclus</i>		23		47				2		17		6	Amber List NERC S.41
Total No. Species	54	5	30	3	23	4	22	5	19	5	23	5	13	

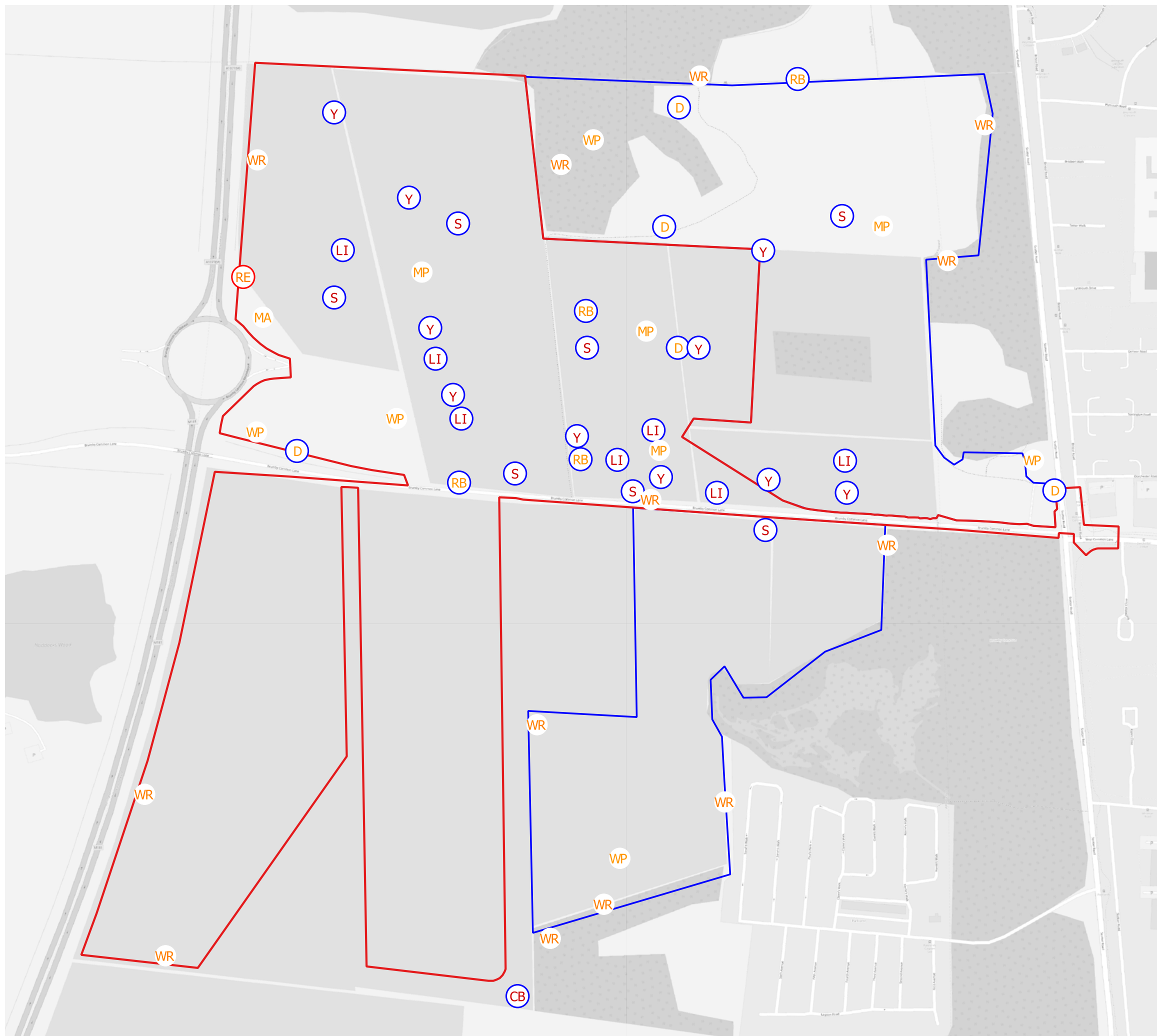
APPENDIX 7.2: WINTERING BIRD SURVEY RESULTS 2023-2024

Species: British Common Name	Species: Latin name	Survey 1 30.10.2 3	Survey 2 30.10.2 3	Survey 3 10.11.23	Survey 4 20.11.2 3	Survey 5 06.12.2 3	Survey 6 14.12.2 3	Survey 7 04.01.2 4	Survey 8 18.01.2 4	Survey 9 14.02.2 4	Survey 10 26.02.2 4	Survey 11 07.03.24	Survey 12 27.03.24	Conservation Status & Protection
Canada Goose	<i>Branta canadensis</i>					9						7 flyover		Not Listed
Mallard	<i>Anas platyrhynchos</i>	5			19	1		2		12	6	3	11	Amber List
Teal	<i>Anas crecca</i>											2		Amber List
Grey Partridge	<i>Perdix perdix</i>		14		21		50	23			12	8		Red List NERC S.41
Pheasant	<i>Phasianus colchicus</i>	5		1		5	2	2			2	4		Not Listed
Red-legged Partridge	<i>Alectoris rufa</i>											2		Not Listed
Feral Pigeon	<i>Columba livia f. domestica</i>					2 flyover				61 flyover				Not Listed
Woodpigeon	<i>Columba palumbus</i>	3 + 3 flyover	2	19	3	15			23	40 + 9 flyover	6	28	2	Amber List
Oystercatcher	<i>Haematopus ostralegus</i>											3 flyover		Amber List
Lapwing	<i>Vanellus vanellus</i>	4		80		2				1				Red List NERC S.41
Woodcock	<i>Scolopax rusticola</i>		1		3		2	2	1		1			Red List
Snipe	<i>Gallinago gallinago</i>				10		5	3	1		3		4	Amber List
Jack Snipe	<i>Lymnocyptes minimus</i>										1			Green List

Species: British Common Name	Species: Latin name	Survey 1 30.10.2 3	Survey 2 30.10.2 3	Survey 3 10.11.23	Survey 4 20.11.2 3	Survey 5 06.12.2 3	Survey 6 14.12.2 3	Survey 7 04.01.2 4	Survey 8 18.01.2 4	Survey 9 14.02.2 4	Survey 10 26.02.2 4	Survey 11 07.03.24	Survey 12 27.03.24	Conservation Status & Protection
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	4+ 17 flyover		123		4 + 4 flyover			20	51				Amber List
Common Gull	<i>Larus canus</i>					9				2				Amber List
Herring Gull	<i>Larus argentatus</i>			40										Red List NERC S.41
Cormorant	<i>Phalacrocorax carbo</i>			1 flyover		1 flyover				1 flyover				Green List
Grey Heron	<i>Ardea cinerea</i>	1 flyover		2 + 1 flyover		1 + 1 flyover				1		1		Green List
Little Egret	<i>Egretta garzetta</i>			6		2								Green List
Buzzard	<i>Buteo buteo</i>	1+ 1 flyover				1								Green List
Short eared Owl	<i>Asio flammeus</i>	1												Amber List
Barn Owl	<i>Tyto alba</i>		1		1									Green List WCA Sch.1
Tawny Owl	<i>Strix aluco</i>				2									Amber List
Great Spotted Woodpecker	<i>Dendrocopos major</i>	1												Green List
Kestrel	<i>Falco tinnunculus</i>	1		2		2			2			2		Amber List
Jay	<i>Garrulus glandarius</i>			1										Green List
Magpie	<i>Pica pica</i>	10		9 + 1 flyover		22			4	22		5		Green List

Species: British Common Name	Species: Latin name	Survey 1 30.10.2 3	Survey 2 30.10.2 3	Survey 3 10.11.23	Survey 4 20.11.2 3	Survey 5 06.12.2 3	Survey 6 14.12.2 3	Survey 7 04.01.2 4	Survey 8 18.01.2 4	Survey 9 14.02.2 4	Survey 10 26.02.2 4	Survey 11 07.03.24	Survey 12 27.03.24	Conservation Status & Protection
Jackdaw	<i>Coloeus monedula</i>					1 flyover			12					Green List
Carrion Crow	<i>Corvus corone</i>	7		21 + 1 flyover		6 + 5 flyover			9			3		Green List
Blue Tit	<i>Cyanistes caeruleus</i>	2				4			2	4		3		Green List
Great Tit	<i>Parus major</i>	1				3						1		Green List
Long-tailed Tit	<i>Aegithalos caudatus</i>									6				Green List
Goldcrest	<i>Regulus regulus</i>								1					Green List
Skylark	<i>Alauda arvensis</i>	1				1 flyover				9	15	13	8	Red List NERC S.41
Wren	<i>Troglodytes troglodytes</i>		1			1			3	1		2		Amber List
Starling	<i>Sturnus vulgaris</i>	50 flyover												Red List NERC S.41
Song Thrush	<i>Turdus philomelos</i>								1					Amber List NERC S.41
Redwing	<i>Turdus iliacus</i>		1 flyover											Amber List WCA Sch.1
Blackbird	<i>Turdus merula</i>	5		2		1			5			6		Green List
Fieldfare	<i>Turdus pilaris</i>	20 flyover					1		30					Red List WCA Sch.1
Robin	<i>Erithacus rubecula</i>	2		1		1				2		2		Green List

Species: British Common Name	Species: Latin name	Survey 1 30.10.2 3	Survey 2 30.10.2 3	Survey 3 10.11.23	Survey 4 20.11.2 3	Survey 5 06.12.2 3	Survey 6 14.12.2 3	Survey 7 04.01.2 4	Survey 8 18.01.2 4	Survey 9 14.02.2 4	Survey 10 26.02.2 4	Survey 11 07.03.24	Survey 12 27.03.24	Conservation Status & Protection
Duncock	<i>Prunella modularis</i>			1		1			3			2		Amber List NERC S.41
Pied Wagtail	<i>Motacilla alba</i>					2 flyover								Green List
Meadow Pipit	<i>Anthus pratensis</i>											2		Amber List
Chaffinch	<i>Fringilla coelebs</i>											7		Green List
Greenfinch	<i>Chloris chloris</i>	3								1		1		Red List
Linnet	<i>Linaria cannabina</i>			3 flyover		5								Red List NERC S.41
Goldfinch	<i>Carduelis carduelis</i>	7				5			9			9		Green List
Siskin	<i>Spinus spinus</i>								1					Green List
Reed Bunting	<i>Emberiza schoeniclus</i>				4	3			3			3		Amber List NERC S.41
Total No. Species	50	21	6	16	8	26	5	5	17	14	8	24	4	



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- CB Corn Bunting
- LI Linnet
- RE Redwing
- S Skylark
- Y Yellowhammer

BoCC Amber Listed Species

- D Dunnock
- MA Mallard
- MP Meadow Pipit
- RB Reed Bunting
- WP Woopigeon
- WR Wren

Additional Protections:

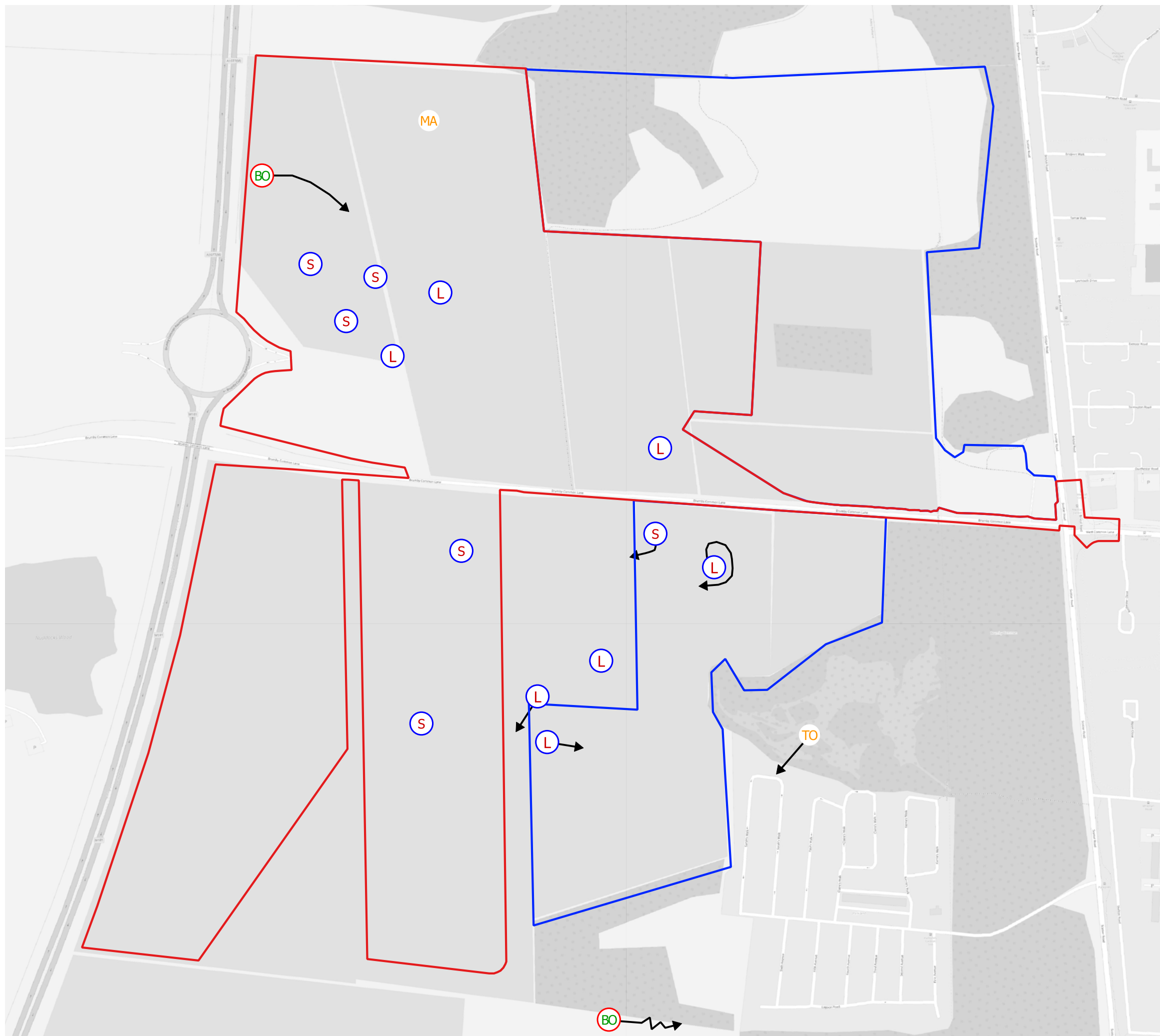
- NERC Species of Principal Importance

date 23/01/25 drwn/chkd
MRS / ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

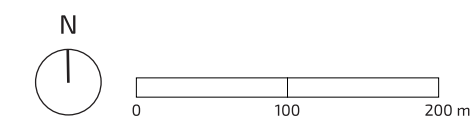
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Distribution of Notable Species - 27.10.22
number rev -

FIGURE 7.1



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- L Lapwing
- S Skylark

BoCC Amber Listed Species

- MA Mallard
- TO Tawny Owl

BoCC Green Listed Species

- BO Barn Owl

Additional Protections:

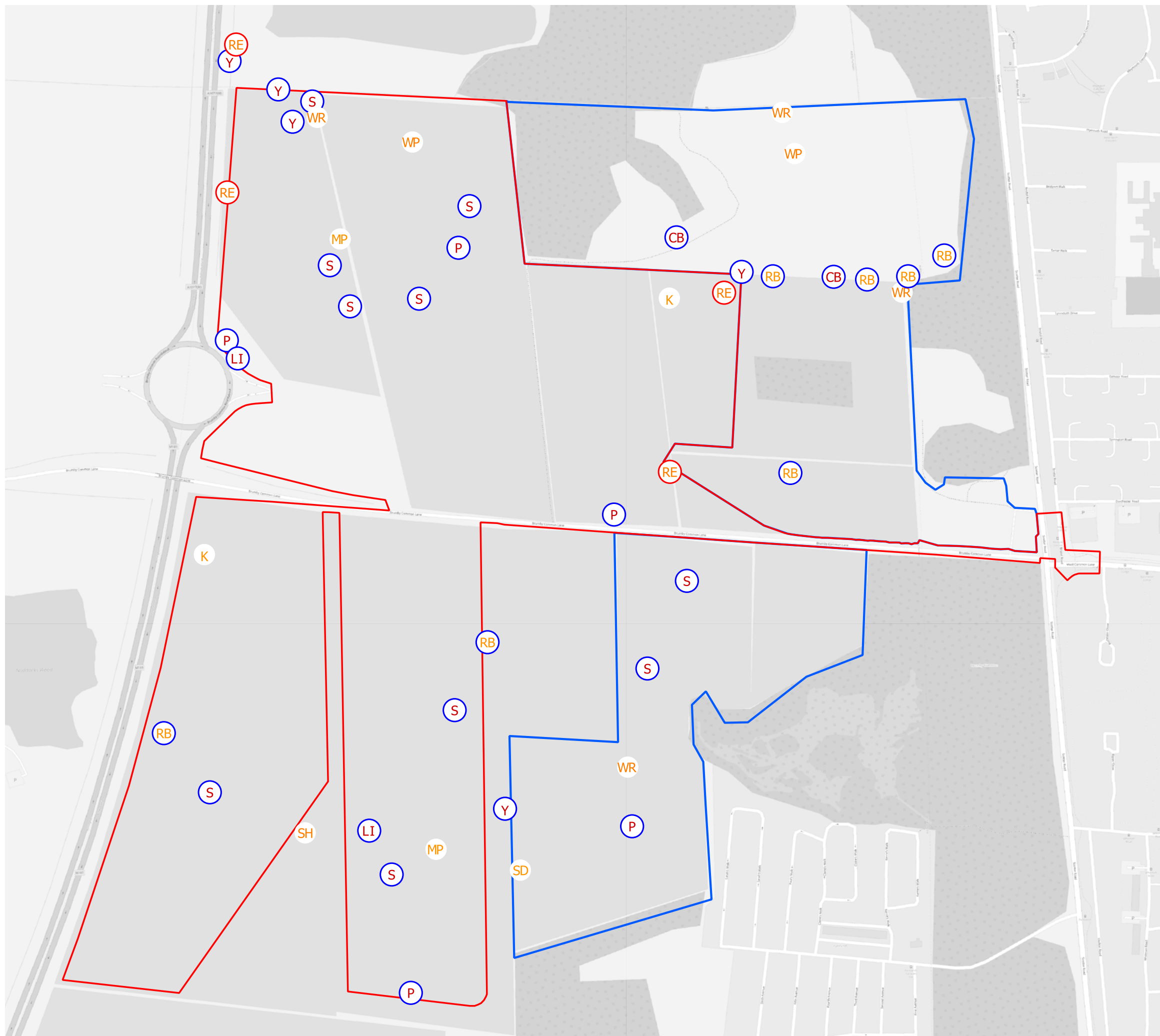
- NERC Species of Principal Importance
- Schedule 1 Species

date 23/01/25 drwn/chkd
MRS / ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title **Wintering Bird Survey Results Plan -
Distribution of Notable Species -10.10.22** scale
1:5,000 @ A3
number rev
-

FIGURE 7.2



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- CB Corn Bunting
- P Grey Partridge
- LI Linnets
- S Skylark
- Y Yellowhammer

BoCC Amber Listed Species

- K Kestrel
- MP Meadow Pipit
- RB Red Bunting
- SD Stock Dove
- WP Woodpigeon
- WR Wren
- SH Sparrowhawk
- RE Redwing

Additional Protections:

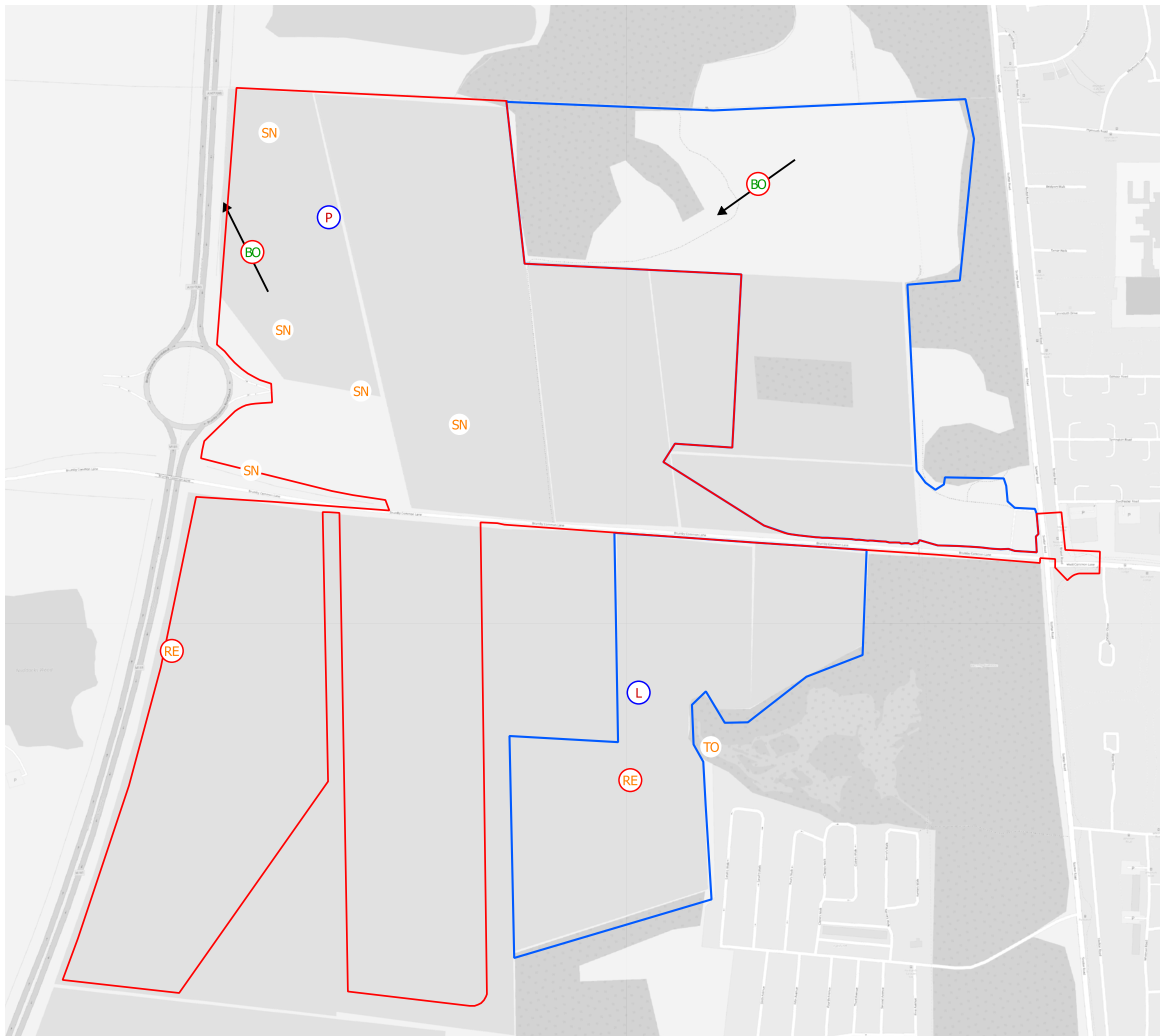
- NERC Species of Principal Importance
- Schedule 1 Species

date 23/01/25 drwn/chkd
MRS/ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
Distribution of Notable Species - 23.11.22
number rev

FIGURE 7.3



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- P Grey Partridge
- L Lapwing

BoCC Amber Listed Species

- RE Redwing
- SN Snipe
- TO Tawny Owl

BoCC Green Listed Species

- BO Barn Owl

Additional Protections:

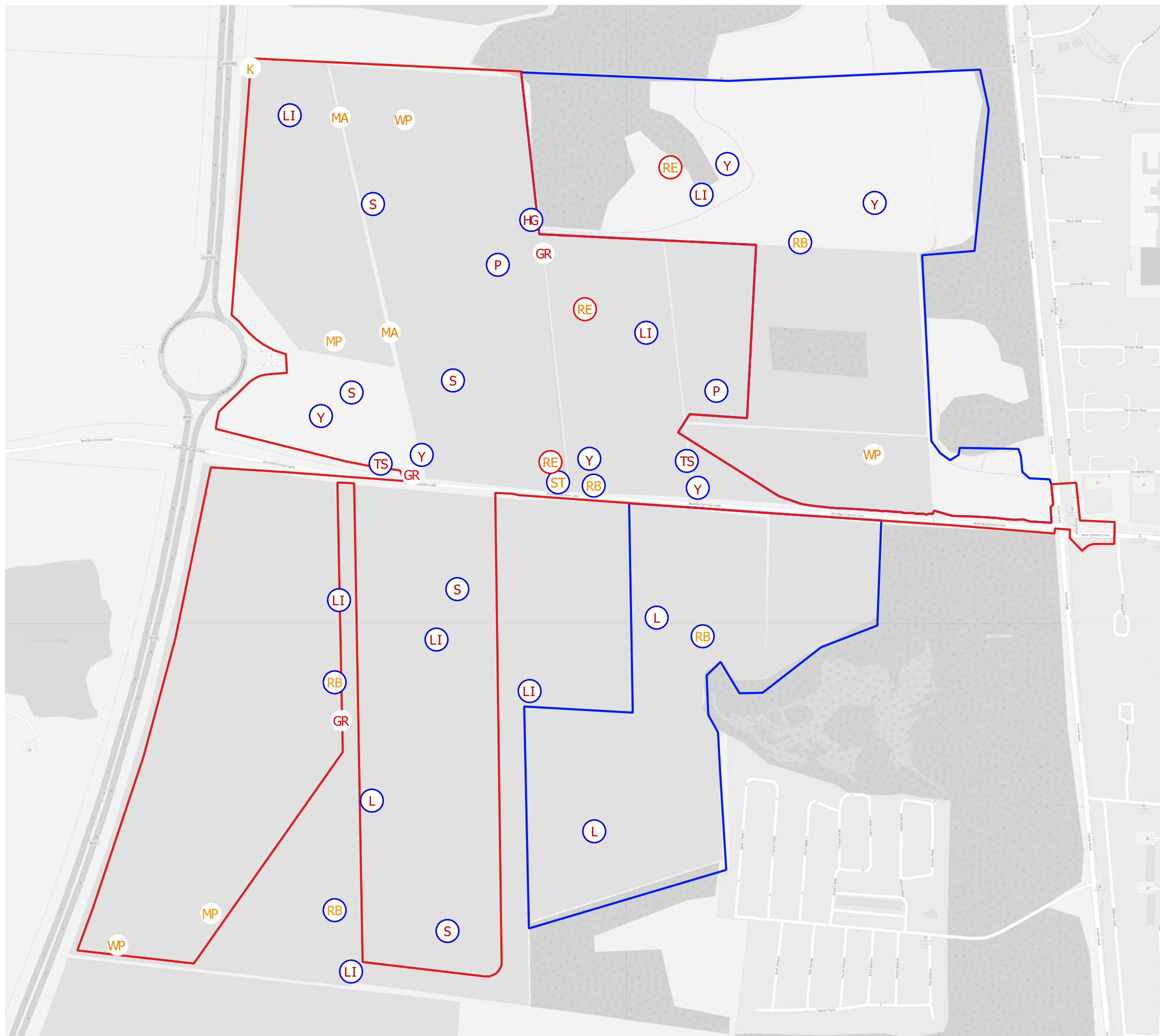
- NERC Species of Principal Importance
- Schedule 1 Species

date 24/01/25 drwn/chkd MRS/ET

client **Hargreaves Land Limited**
 project **Lincolnshire Lakes (North), Scunthorpe**

title **Wintering Bird Survey Results Plan - Distribution of Notable Species - 10.11.22** scale 1:5,000 @ A3
 number rev -

FIGURE 7.4



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- P Grey Partridge
- GR Greenfinch
- HG Herring Gull
- L Lapwing
- LI Linnet
- S Skylark
- TS Tree Sparrow
- Y Yellowhammer

BoCC Amber Listed Species

- K Kestrel
- MA Mallard
- MP Meadow Pipit
- RE Redwing
- RB Reed Bunting
- ST Song Thrush

Additional Protections:

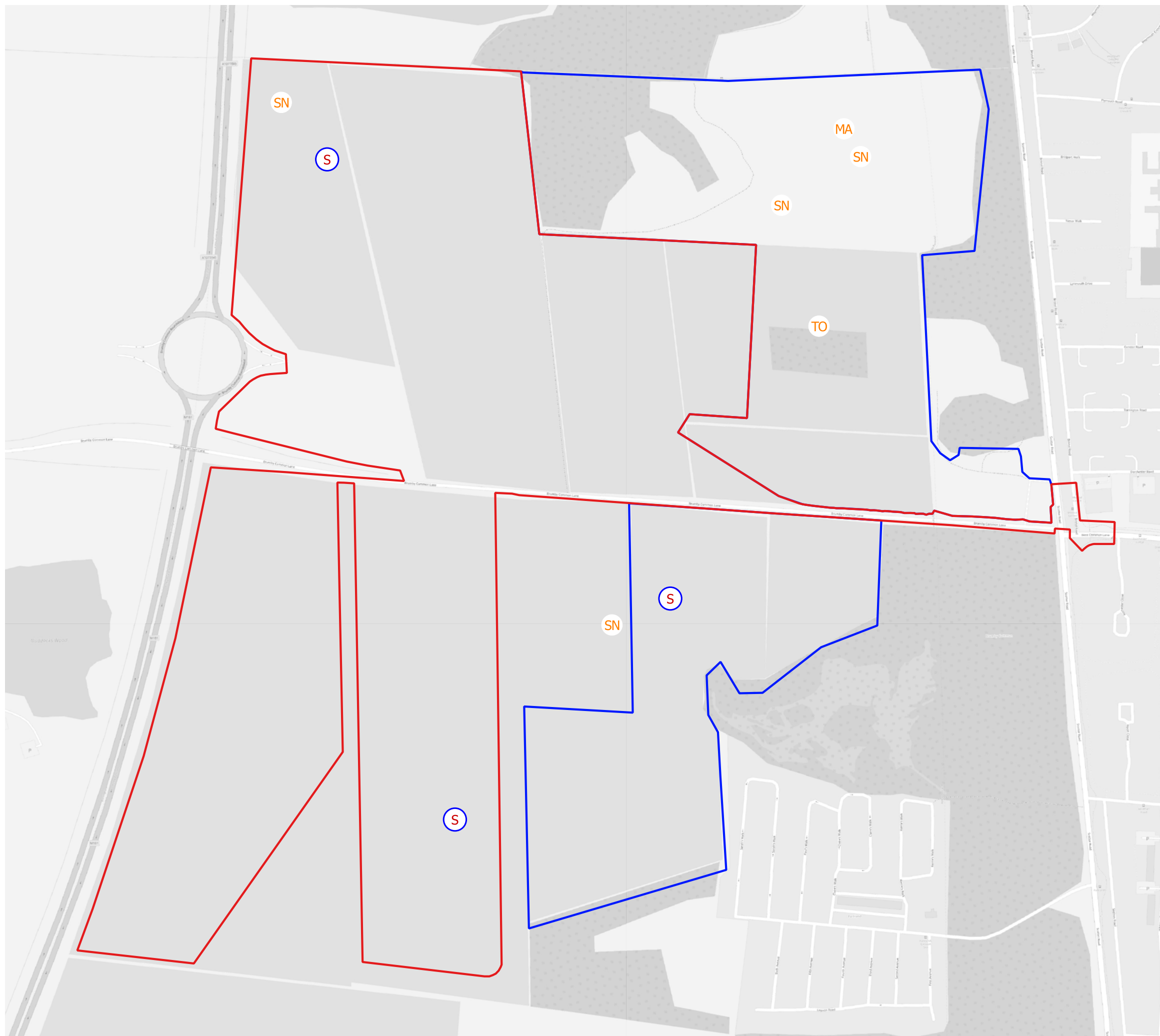
- NERC Species of Principal Importance
- Schedule 1 Species

date 23/01/25 drwn/chkd
MRS/ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
number rev
Distribution of Notable Species - 16.12.22

FIGURE 7.5



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- S Skylark

BoCC Amber Listed Species

- MA Mallard
- SN Snipe
- TO Tawny Owl

Additional Protections:

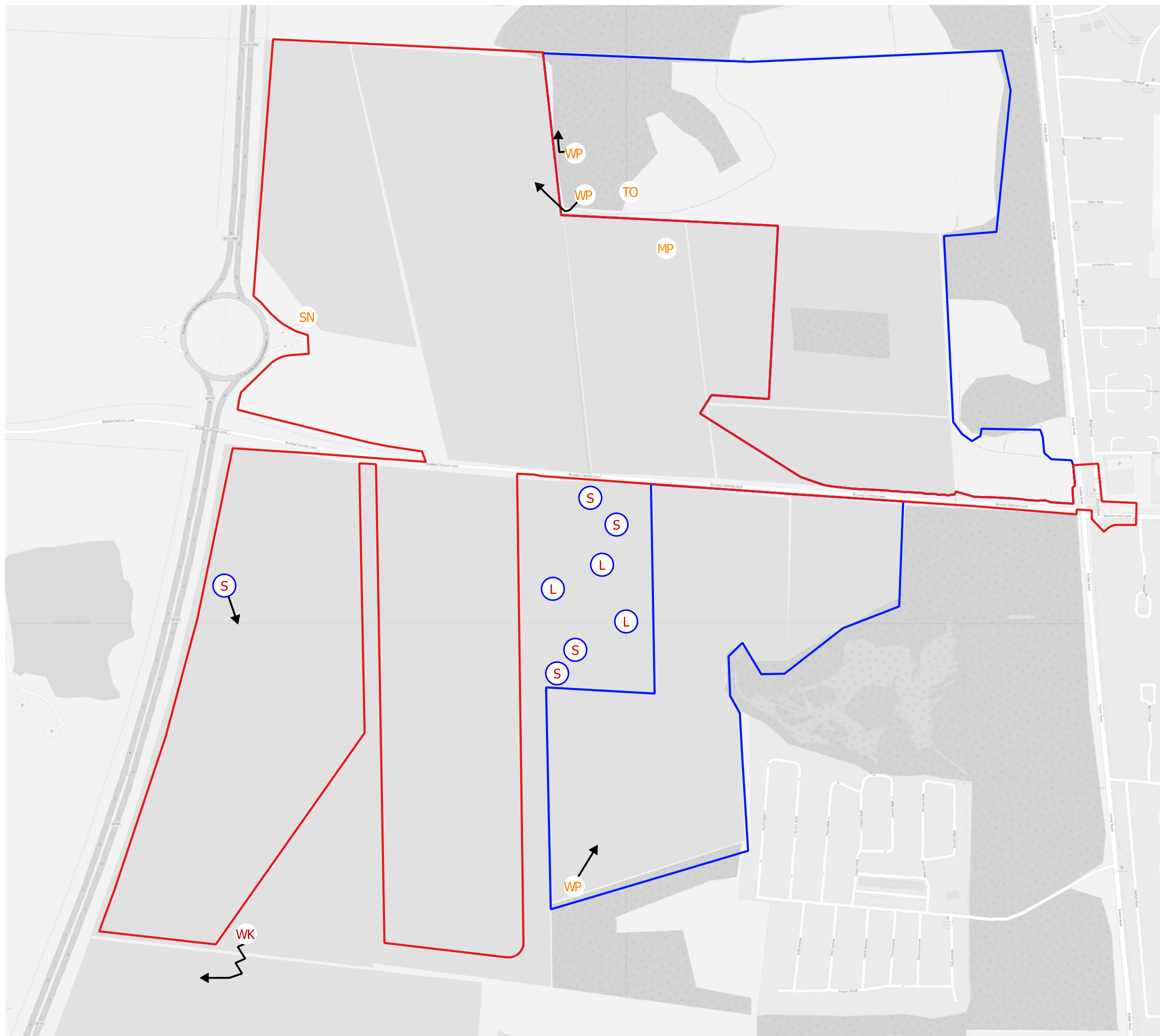
- NERC Species of Principal Importance

date 24/01/25 drwn/chkd
MRS/ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

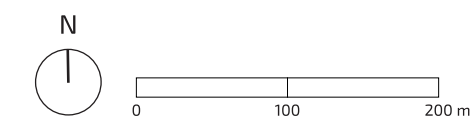
title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
Distribution of Notable Species - 06.12.22
number rev

FIGURE 7.6



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- L Lapwing
- S Skylark
- WK Woodcock

BoCC Amber Listed Species

- MP Meadow Pipit
- SN Snipe
- TO Tawny Owl
- WP Woodpigeon

Additional Protections:

- NERC Species of Principal Importance

date 23/01/25 drwn/chkd
MRS / ET

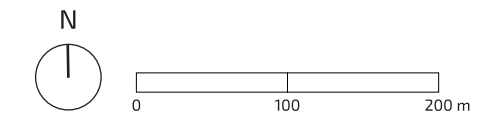
client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
Distribution of Notable Species - 09.01.23
number rev

FIGURE 7.8

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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- GR Greenfinch
- P Grey Partridge
- L Lapwing
- LI Linnet
- M Mistle Thrush
- S Skylark
- Y Yellowhammer

BoCC Amber Listed Species

- K Kestrel
- MA Mallard
- MP Meadow Pipit
- RB Reed Bunting
- SN Snipe
- SH Sparrowhawk
- T Teal
- WR Wren

Additional Protections

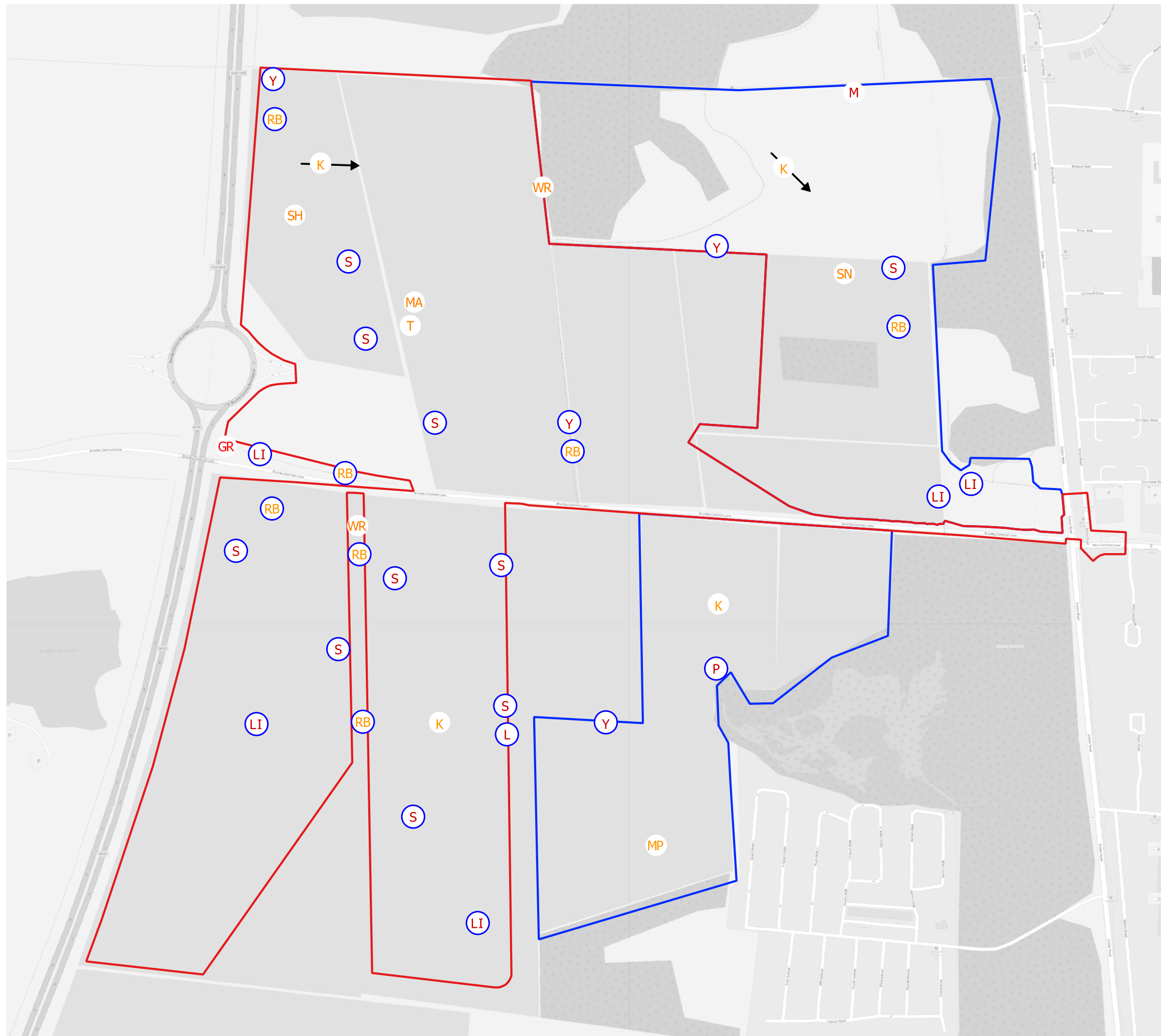
- NERC Species of Principal Importance
- Schedule 1 Species

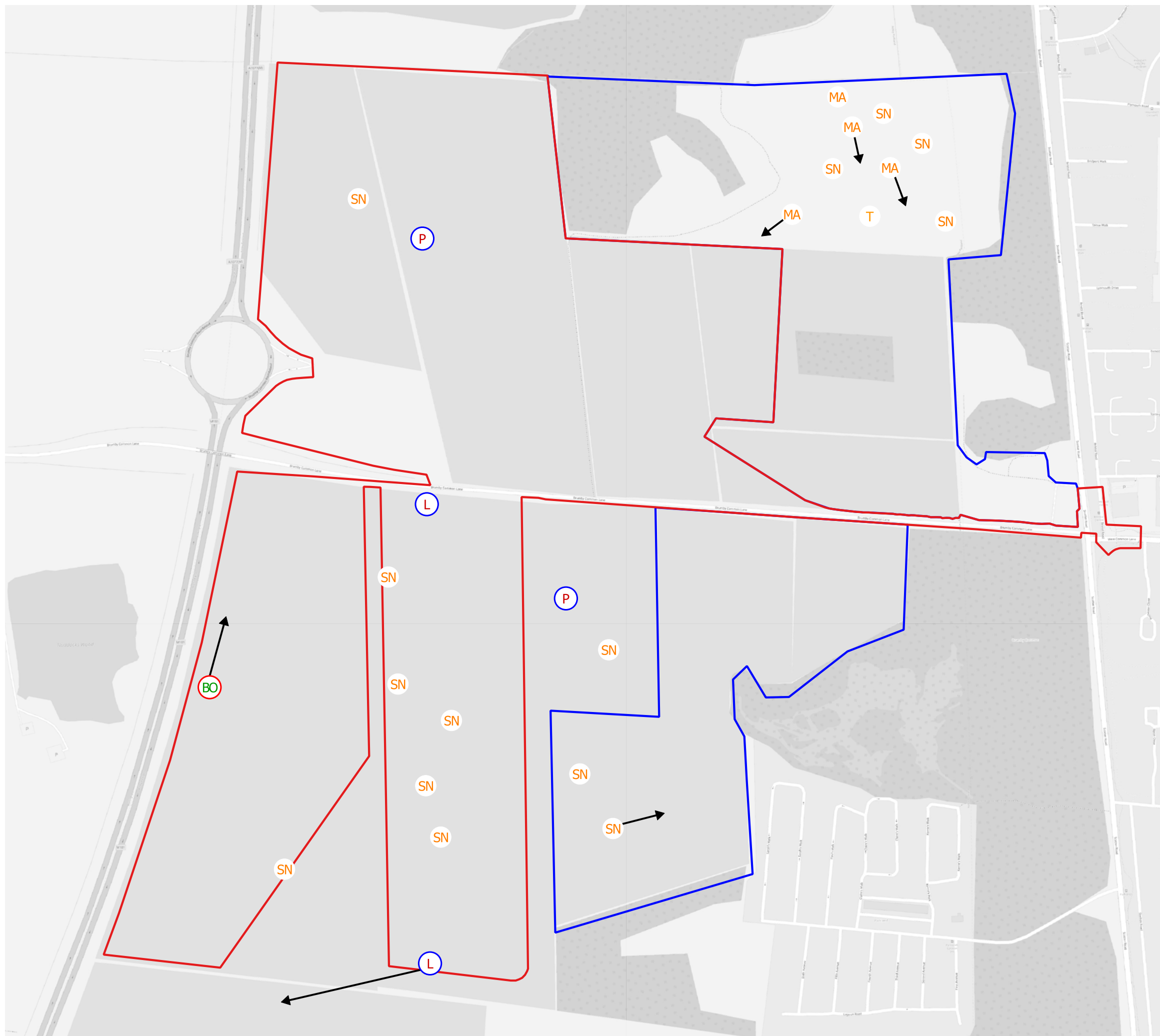
date 24/01/25 drwn/chkd
MRS/ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
Distribution of Notable Species - 24.02.22
number rev

FIGURE 7.9





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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- P Grey Partridge
- L Lapwing

BoCC Amber Listed Species

- MA Mallard
- SN Snipe
- T Teal

BoCC Green Listed Species

- BO Barn Owl

Additional Protections:

- NERC Species of Principal Importance
- Schedule 1 Species

date 23/01/25 drwn/chkd
MRS/ET

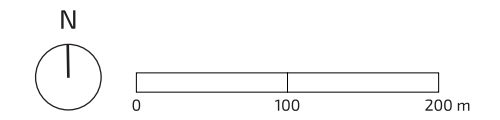
client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
Distribution of Notable Species - 06.02.23
number rev

FIGURE 7.10 -

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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

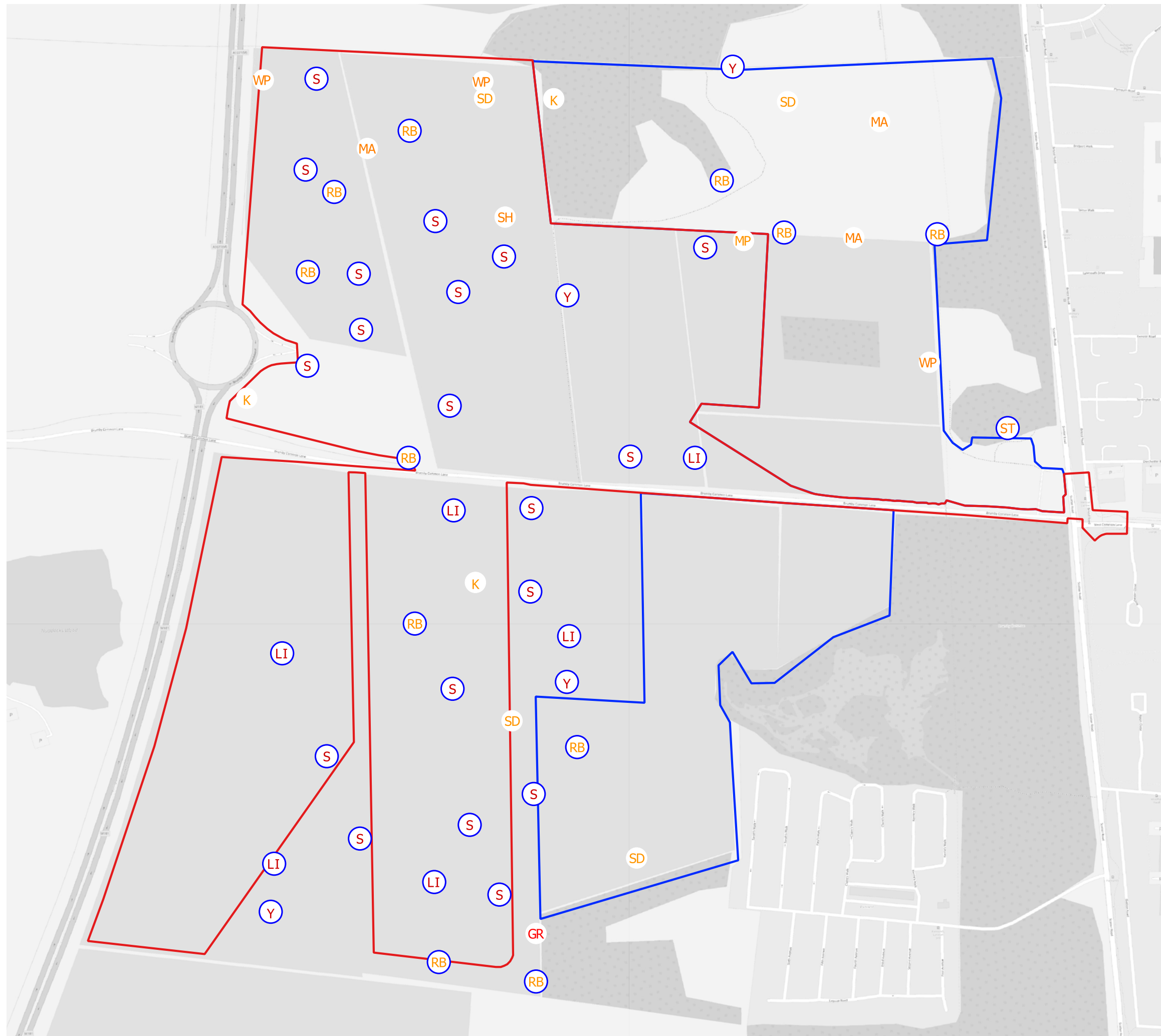
- GR Greenfinch
- LI Linnet
- S Skylark
- Y Yellowhammer

BoCC Amber Listed Species

- K Kestrel
- MA Mallard
- MP Meadow Pipit
- RB Reed Bunting
- ST Song Thrush
- SH Sparrowhawk
- SD Stock Dove
- WP Woodpigeon

Additional Protections:

- NERC Species of Principal Importance
- Schedule 1 Species



date 24/01/25 drwn/chkd
MRS/ET

client
Hargreaves Land Limited

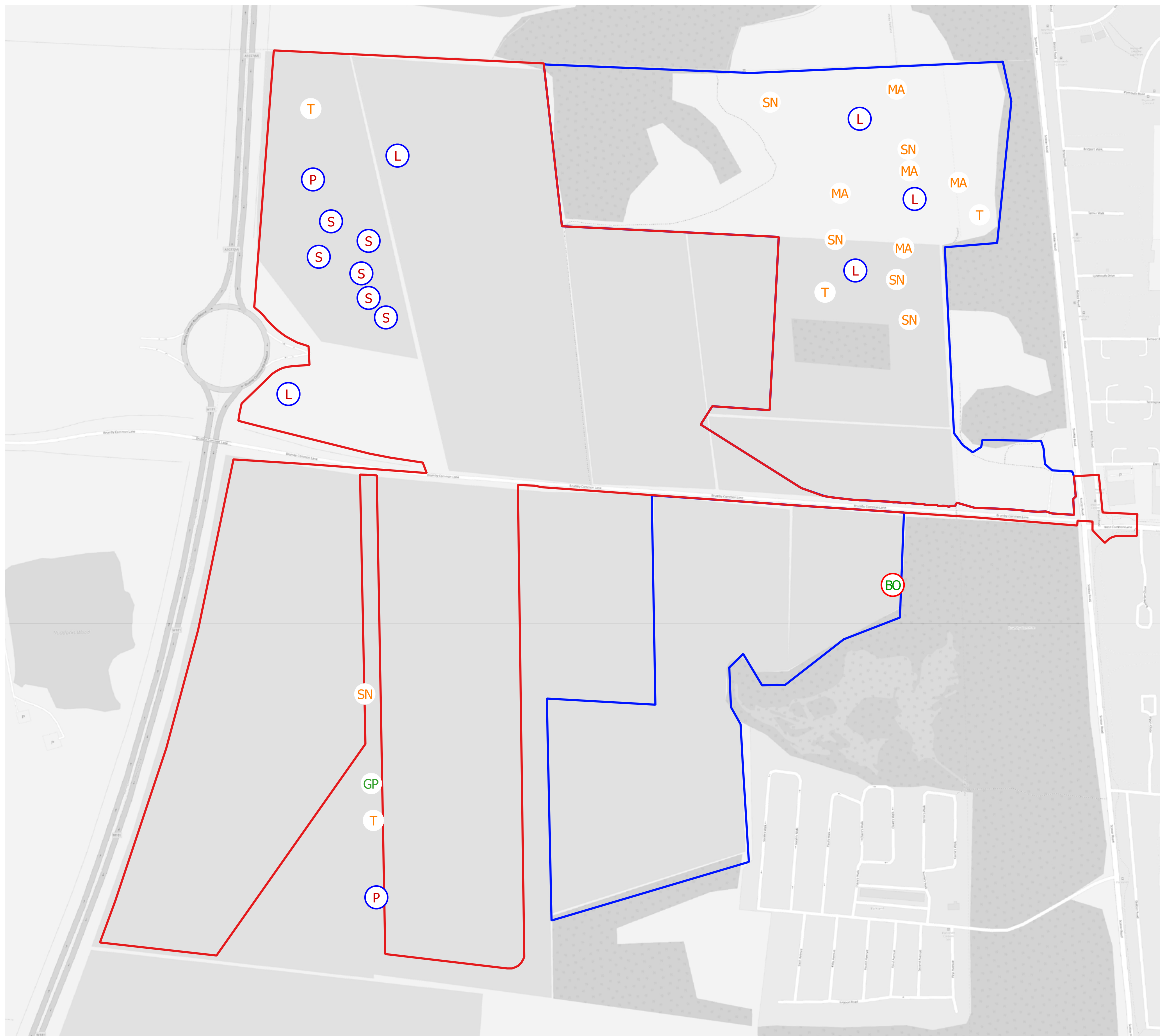
project
**Lincolnshire Lakes (North),
Scunthorpe**

title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3

Distribution of Notable Species - 30.03.23

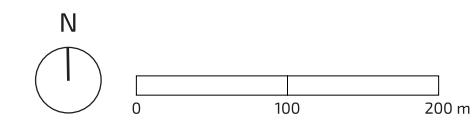
number rev

FIGURE 7.11 -



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- Red Line Boundary
- Additional Survey Area

BoCC Red Listed Species

- P Grey Partridge
- L Lapwing
- S Skylark

BoCC Amber Listed Species

- MA Mallard
- RB Reed Bunting
- SN Snipe
- TO Tawny Owl
- T Teal

BoCC Green Listed Species

- BO Barn Owl
- GP Golden Plover

Additional Protections:

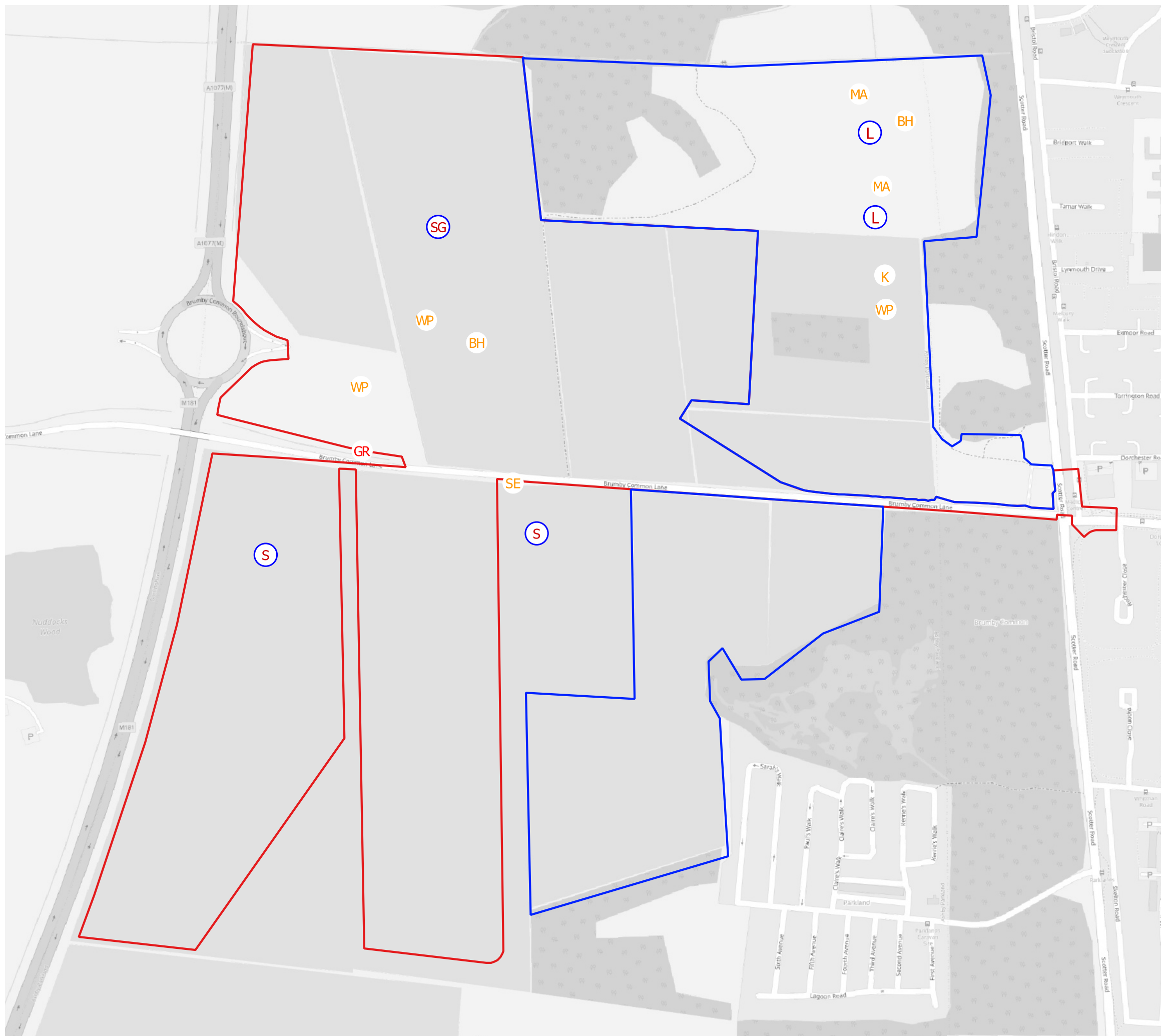
- NERC Species of Principal Importance
- Schedule 1 Species

date 24/01/25 drwn/chkd MRS/ET

client
Hargreaves Land Limited
project
**Lincolnshire Lakes (North),
Scunthorpe**

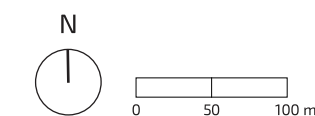
title scale
Wintering Bird Survey Results Plan - 1:5,000 @ A3
number rev
Distribution of Notable Species - 07.03.23

FIGURE 7.12



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- Red Line Boundary
- Additional Survey Area

BoCC Red List Species

- L Lapwing
- S Skylark
- SG Starling
- GR Greenfinch

BoCC Amber List Species

- BH Black-headed Gull
- K Kestrel
- MA Mallard
- SE Short-eared Owl
- WP Woodpigeon

Additional Protections

- NERC Species of Principal Importance
- Schedule 1 Species

date 24/01/25 drwn/chkd
MRS/ET

client **Hargreaves Land Limited**

project **Lincolnshire Lakes (North),
Scunthorpe**

title **Winter Bird Survey Results Plan -
Distribution of Notable Species - 30.10.23** scale
1:5,000 @ A3

number **FIGURE 7.13** rev
-