

Springwell Solar Farm

Environmental Statement

Appendix 7.14: Biodiversity Net Gain

Volume 3

EN010149/APP/6.3
November 2024
Springwell Energyfarm Ltd

APFP Regulation 5(2)(a)
Planning Act 2008
Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009



Table of Contents

- 1. Introduction 2**
 - 1.1. Purpose of this Document.....2
 - 1.2. Policy Context3
- 2. Methodology 4**
 - 2.1. Calculating Biodiversity4
 - 2.2. Defining the Habitat Baseline.....5
 - 2.3. Defining the Proposed Development habitats7
 - 2.4. Trading Rules7
 - 2.5. Irreplaceable and Very High Distinctiveness Habitats8
 - 2.6. Assumptions and Limitations8
 - 2.7. BNG Good Practice Principles for Development9
- 3. Results 11**
 - 3.1. Overview11
 - 3.2. Habitat Baseline11
 - 3.3. Post Development.....15
 - 3.4. Biodiversity Net Change.....22
- 4. References 24**
- Appendix A – Figures..... 26**
- Appendix B – Condition Assessment..... 43**

BNG Metric Calculations

1. Introduction

1.1. Purpose of this Document

- 1.1.1. This document has been prepared on behalf of Springwell Energyfarm Ltd ('the Applicant') to present the results of a Biodiversity Net Gain (BNG) assessment to support the application for a Development Consent Order (DCO) for the construction, operation and decommissioning of the proposed Springwell Solar Farm (hereinafter referred to as the 'Proposed Development').
- 1.1.2. The location of the Proposed Development is shown in **ES Volume 2, Figure 1.1: Location Plan [EN010149/APP/6.2]**. The Order Limits presented in **ES Volume 2, Figure 1.2: Order Limits [EN010149/APP/6.2]** comprise approximately 1,280 ha of land and constitute the maximum extent of land that will be required to facilitate the construction, operation (including maintenance) and decommissioning of the Proposed Development.
- 1.1.3. The objectives of this BNG Assessment are to set out:
- a detailed methodology, including assumptions, for undertaking the BNG assessment;
 - the baseline biodiversity value of habitats within the Order Limits prior to construction;
 - the likely biodiversity value of habitats within the Order Limits post-development based on the current design information; and
 - the relative biodiversity change of habitats within the Order Limits after construction compared with before construction, determining whether the Proposed Development has achieved a 10% net gain in biodiversity, the mandatory minimum requirement from the Environment Act 2021 (noting that this requirement does not apply to Nationally Significant Infrastructure Projects (NSIPs) until 2025).
- 1.1.4. The BNG assessment has assessed the **Outline Landscape and Ecology Management Plan (oLEMP) [EN010149/APP/7.9]**. The calculation will therefore be updated as part of the detailed design stage of the Proposed Development to reflect the final design and be included in the Landscape and Ecology Management Plan (LEMP)(s) submitted for approval under the requirement in Schedule 2 of the draft DCO, to demonstrate a minimum 10% BNG is achieved and the trading rules are met. The results of additional habitat surveys required as part of this update will form part of this re-assessment, where undertaken.
- 1.1.5. This BNG assessment is not intended as a habitat implementation or management plan. These matters are set out in the **oLEMP [EN010149/APP/7.7]**.

- 1.1.6. This BNG assessment is supported by the following documents:
- The Preliminary Ecological Appraisal (PEA) forming the baseline for the Biodiversity ES Chapter (**ES Volume 3, Appendix 7.1 [EN010149/APP/6.3]**).
 - oLEMP [**EN010149/APP/7.9**]
 - The UK habitat figure (Figure 1, provided in Appendix A)
 - The Green Infrastructure BNG Parameters plan (Figure 2, provided in Appendix A)

1.2. Policy Context

- 1.2.1. The primary aims of the BNG process are for developments to secure a measurable improvement in habitat for biodiversity, to minimise biodiversity losses and to help to restore ecological networks whilst streamlining development processes. BNG does not replace other existing legislation and policy for nature conservation.
- 1.2.2. The Planning Act 2008 ('PA 2008') provides the legislative basis and defines the application process under which consent NSIPs is sought. This sets out that projects meeting certain defined criteria are classified as NSIPs. It provides that a DCO is required for development that is or forms part of an NSIP (section 31 PA 2008). 3.2.2 The Project is defined as an NSIP under sections 14(1)(a) and 15(1) and (2) of the PA 2008.
- 1.2.3. The Environment Act 2021 introduced a requirement for new developments other than NSIPs to deliver a measurable 10% net gain in biodiversity, normally measured in 'biodiversity units' under Defra/Natural England methodology. It is intended the BNG will apply to all terrestrial NSIPs accepted for examination from November 2025.

2. Methodology

2.1. Calculating Biodiversity

- 2.1.1. This assessment was undertaken in line with guidance from the Chartered Institute of Ecology and Environmental Management, the British Standard for Biodiversity Net Gain (BS 8683) (Ref 1).
- 2.1.2. Good practice Principles for Biodiversity (Biodiversity Net Gain: Good practice principles for development (Ref 2) have been taken into account when undertaking this assessment (see Section 2.6).
- 2.1.3. To calculate the baseline values for the Order Limits, and assess any changes arising from the Proposed Development, this assessment uses methods set out the Statutory Biodiversity Metric (hereafter ‘the Metric’) user guide (Ref 3).
- 2.1.4. The Metric measures biodiversity value for habitats in ‘biodiversity units’. There are three types of biodiversity units, which are calculated in three separate ‘modules’ of the Metric. These are:
- habitat units (e.g. areas of habitat such as woodland, grasslands, wetlands);
 - hedgerow units (e.g. linear vegetated habitats such as hedgerows and lines of trees); and
 - watercourse units (e.g. linear aquatic habitats such as culverts, canals, wet ditches, rivers and streams).
- 2.1.5. Consequently, a site can have three biodiversity unit values, which are assessed using the Metric, but which cannot be summed together or traded between.
- 2.1.6. The Metric is designed to quantify losses and gains of biodiversity as a result of proposed development or land management to inform and improve planning, design, land management and decision-making. The Metric uses habitats and as a proxy to describe biodiversity.
- 2.1.7. The Metric can calculate biodiversity value of:
- existing habitats;
 - habitat enhancement; and
 - habitat creation.
- 2.1.8. Biodiversity unit values of baseline and proposed habitats are calculated by multiplying the area or length of a habitat by factors that indicate quality and value (distinctiveness, condition and strategic significance).

- 2.1.9. In addition, for those habitats that are to be created or enhanced, the risk of failure is accounted for by applying multipliers for risk factors (difficulty, time to target condition, and spatial risk).
- 2.1.10. A brief description of the different multipliers contained within the Metric are presented in **Table 1**.

Table 1 Metric multipliers and their definitions

Metric multiplier	Definition
Habitat distinctiveness	<p>A measure based on the type of habitat and its distinguishing features. This includes:</p> <ul style="list-style-type: none"> • consideration of species richness and rarity; • the extent to which the habitat is protected by designations; and • the degree to which a habitat supports species rarely found in other habitats.
Habitat condition	<p>A measure of the habitat against its ecological optimum state. Condition is a way of measuring variation in the quality of patches of the same habitat type.</p>
Strategic significance	<p>Describes the local significance of the habitat based on its location and the habitat type.</p>
Difficulty	<p>A measure which represents the uncertainty in the effectiveness of management techniques used to enhance or create habitat.</p>
Time to target condition	<p>The average time taken between starting creation or enhancement of habitats and that habitat reaching its target condition or distinctiveness.</p>
Spatial risk	<p>Spatial risk represents the relationship between the location of biodiversity loss (on-site) and where the off-site habitat is being delivered. This is applied to off-site interventions only</p>

2.2. Defining the Habitat Baseline

- 2.2.1. Habitat surveys were carried out as part of the Preliminary Ecological Appraisal (PEA). Full details of the PEA methodology can be found in **ES Volume 3, Appendix 7.1: Preliminary Ecological Appraisal [EN010149/APP/6.3]** in April/May 2022 and January and July 2023. This survey classified the habitats

within the Order Limits before construction using the UK Habitat classification system (Ref 4). This survey also assessed the ecological condition of each habitat parcel using the Defra condition assessment criteria (Ref 3).

- 2.2.2. The results of the PEA were supplemented with the results of the following surveys to robustly assess the value of the baseline habitats:
- Notable arable flora (non-crop plant) surveys in targeted sample cropped areas were carried out in June 2024. Full details of the survey methodology can be found in **ES Volume 3, Appendix 7.8: Notable Arable Flora [EN010149/APP/6.3]**.
 - Botanical survey of four LWS grassland road verges, which are proposed to be removed for highways access, were carried out in June 2024. Full details of the survey methodology can be found in **ES Volume 3, Appendix 7.9: Local Wildlife Site Verges Survey [EN010149/APP/6.3]**.
 - Hedgerow surveys, undertaken in August 2023, May 2024 and August 2024 of hedgerows likely to be affected by the Proposed Development within the Order Limits (for internal access roads, highways access and potentially for cable installation). Full details of the hedgerow survey methodology can be found in **ES Volume 3, Appendix 7.11: Important Hedgerow Survey [EN010149/APP/6.3]**.
- 2.2.3. The results of these surveys were used to determine the extent, classification and condition of all the baseline habitats within the Order Limits (c 1,280 hectares (ha)). The results of the condition assessment for each baseline habitat polygon or line is presented in Appendix B.
- 2.2.4. Strategic Significance is defined for each habitat parcel within the baseline. This accounts for the local significance of the habitat based on its location and habitat type, as defined in local documents such as the Local Nature Recovery Strategy (LNRS). Where an LNRS has not been published, alternative documents should be used.
- 2.2.5. In this assessment, Strategic Significance is defined for baseline habitats using the Lincolnshire Biodiversity Action Plan (BAP) 2011-2020 (Ref 5). Each habitat parcel is assessed against the following criteria:
- High – Habitat type and location is mapped in local documentation and delivers the priorities set out in the applicable document.
 - Medium – Applied where the above criteria is not met but the habitats location is ecologically desirable.
 - Low – Applied where the definitions for high or medium strategic significance are not met.
- 2.2.6. Those habitats identified within the BAP have been given a higher strategic significance than those that have not which increases their value. A full description of how the biodiversity design of the Proposed Development has

been derived and the iterative approach taken is given in the oLEMP [EN010149/APP/7.9].

2.3. Defining the Proposed Development habitats

- 2.3.1. The Zonal Masterplan, which is provided in **ES Volume 2, Figure 3.1: Zonal Masterplan [EN010149/APP/6.2]** and Green Infrastructure Plan, which is provided in **ES Volume 2, Figure 3.3: Green Infrastructure Parameters [EN010149/APP/6.2]**, were used to determine the extent of habitats within the Order Limits after construction.
- 2.3.2. The Green Infrastructure BNG Parameters plan (Figure 2 Appendix A) shows the extent of area outside of the Green Infrastructure parameters to be retained, along with proposing the following:
- Solar PV module areas
 - Mitigation areas
 - Green Infrastructure margin areas for biodiversity enhancement
 - Community growing area
 - Proposed strategic tree and hedgerow planting
 - Vegetation removal plan (provided in **ES Volume 2, Figure 3.11: Vegetation Removal Parameters [EN010149/APP/6.2]**).
- 2.3.3. Details of the habitats proposed within the areas above are set out in the oLEMP [EN010149/APP/7.9]. This document sets out what habitat intervention is required for mitigation, and what the nature of the other biodiversity enhancements within the Green Infrastructure areas will be for the Proposed Development. This information was used to determine the extent, classification and future condition of the Proposed Development habitats following construction.
- 2.3.4. Strategic Significance was assessed for the Proposed Development habitats following the same methodology defined above.
- 2.3.5. Habitat loss, such as hedgerows, due to the Proposed Development have been accounted for by having reference to the Vegetation Removal Plan which is provided in **ES Volume 2, Figure 3.11: Vegetation Removal Parameters [EN010149/APP/6.2]**.

2.4. Trading Rules

- 2.4.1. The trading rules set minimum habitat creation and enhancement requirements to compensate for specific habitat losses, up to the point of no net loss. They are based on the habitat type and distinctiveness of the lost habitat. Losses of higher distinctiveness habitats require replacement of the same habitat type to satisfy the trading rules while losses of lower distinctives can be replaced by similar or better habitats.

2.4.2. The trading rules have been followed throughout this assessment.

2.5. Irreplaceable and Very High Distinctiveness Habitats

2.5.1. Irreplaceable habitats are habitats which are very difficult (or take a very significant time) to restore, recreate or replace once destroyed. As such, any losses to irreplaceable habitats cannot be calculated by the Metric and they are removed from the baseline.

2.5.2. Very high distinctiveness habitats are highly threatened, internationally scarce habitats which require conservation action. Impacts to these habitats should be avoided in line with planning policy and would require bespoke compensation if impacted.

2.5.3. There are no irreplaceable or very high distinctiveness habitats within the Order Limits therefore avoidance or bespoke compensation does not need to be explored.

2.6. Assumptions and Limitations

2.6.1. The following habitats have been considered in the following modules:

- All area habitats mapped with Arc GIS with a polygon have been assessed in the habitat module.
- All hedgerows and lines of trees are mapped with a line and have been assessed in the hedgerow module.
- All ditches (mapped with lines) that are mapped directly adjacent to a hedgerow have been considered in the hedgerow module using the selection of 'hedgerow – associated with bank or ditch'.
- All ditches not adjacent to a hedgerow have been considered in the watercourse module.
- The stream on-site has been mapped with a line and is considered in the watercourse module.

2.6.2. The Lincolnshire BAP 2011-2020 (Ref 5) was used to assign strategic significance for each habitat in the absence of an available Local Nature Recovery Strategy. Justification of strategic significance for each habitat is provided within the user comments box in the Metric.

2.6.3. The assessment assumes that all baseline ponds, scrub and woodland are retained.

2.6.4. The community growing area, as outlined in **ES Volume 2, Figure 3.1: Zonal Masterplan [EN010149/APP/6.2]**, has been assessed in the Metric as an allotment. It is assumed that the margins in this field will be retained.

2.7. BNG Good Practice Principles for Development

2.7.1. The Metric sets out a series of good practice principles in accordance with which all BNG assessments should be undertaken. **Table 2** sets out how these principles have been applied to the Proposed Development.

Table 2 Statutory metric good practice principles for BNG and how they have been applied (Ref 2)

Principle	Justification for how principle has been applied
<p>Principle 1: The metric assessment should be completed by a competent person.</p>	<p>The BNG assessment has been undertaken by Rich Prew (MCIEEM), who has extensive knowledge and expertise in BNG assessments gained through training and experience on a significant number of projects that have required BNG assessments to be undertaken. In addition, this work has been reviewed by Mark Lang (FCIEEM, CEcol, CEnv).</p>
<p>Principle 2: The use of this biodiversity metric does not override existing biodiversity protections, statutory obligations, policy requirements, ecological mitigation hierarchy or any other requirements. This includes consenting or licensing processes, for example woodlands</p>	<p>Existing levels of protection afforded to protected species and habitats are not changed by use of this or any other metric. Statutory obligations will still need to be satisfied. The Environmental Statement details the presence of protected and/or notable species, sites and habitats, and assesses potential impacts and outlines suitable mitigation measures to address these. These required mitigation measures have been factored into this Biodiversity Strategy with a clear distinction made between mitigation and enhancement for biodiversity.</p>
<p>Principle 3: The biodiversity metric should be used in accordance with established good practice guidance and professional codes</p>	<p>The mitigation hierarchy has been applied to the design of the Proposed Development which as outlined in this Biodiversity Net Gain Assessment has been an iterative process. The area of permanent habitat loss has been kept to a minimum without compromising the Proposed Development. The habitats that will be created and enhanced within the Order Limits will be appropriate, and of the correct distinctiveness, to compensate for the habitats that will be impacted.</p>
<p>Principle 4: The biodiversity metric is not a complex or comprehensive ecological model and is not a substitute for expert ecological advice.</p>	<p>It is acknowledged that the Metric has been kept deliberately simple to be of practical use. The calculations have been undertaken by specialists and input is underpinned by robust</p>

Principle	Justification for how principle has been applied
	baseline evidence and ecological knowledge and experience.
<p>Principle 5: Biodiversity units are a proxy for biodiversity and should be treated as relative values.</p>	<p>It is acknowledged that the Metric is a tool to be used as a means of assessing changes in biodiversity value (losses or gains) brought about by the proposed development and is a habitat-based approach to determining a proxy biodiversity value within the Order Limits and the output does not represent absolute values.</p>
<p>Principle 6: This biodiversity metric is designed to inform decisions in conjunction with locally relevant evidence, expert input, or guidance</p>	<p>Impacts to protected and notable species and habitats have been fully assessed as part of the EIA undertaken for Springwell Solar Farm and is reflected in this Biodiversity Assessment with a clear distinction made between mitigation and enhancement for biodiversity.</p>
<p>Principle 7: Habitat interventions need to be realistic and deliverable within a relevant project timeframe.</p>	<p>The habitats chosen for creation and enhancement have been done so based on the existing on-site conditions and local context, not purely to achieve the greatest possible BNG result using the Metric. Any post-development habitats that are created or enhanced will be managed and maintained in accordance with the oLEMP [add ref].</p>
<p>Principle 8: Created and enhanced habitats should be, where practical and reasonable, local to any impact and deliver strategically important outcomes for nature conservation.</p>	<p>As outlined in this Biodiversity Assessment the created and enhanced habitats to achieve the BNG requirements are all being delivered within the Order Limits and are therefore local to the impacts.</p>
<p>Principle 9: The biodiversity metric does not enforce a minimum habitat size ratio for compensation of losses. Proposals should aim to:</p> <ul style="list-style-type: none"> • maintain habitat extent - supporting more, bigger, better and more joined up ecological networks • ensure that proposed or retained habitat parcels are of sufficient size for ecological function 	<p>The BNG Zonal Masterplan (Figure 2, Appendix A) looks to buffer and extend existing calcareous grassland Local Wildlife Site (LWS) verges as well as extending the area managed for biodiversity adjacent to the Wildlife Trust Bloxholm wood nature reserve. This is secured as a Design Commitment [EN010149/APP/7.4].</p>

3. Results

3.1. Overview

3.1.1. The below presents a summary of the BNG assessment for the Proposed Development. The full assessment is detailed in the Metric calculation tool (Excel spreadsheet), which is presented with the application. The condition assessment for each baseline habitat parcel is presented within Appendix B.

3.2. Habitat Baseline

3.2.1. The baseline habitats are displayed on Figure 1 Appendix A. The baseline values of these habitats are presented below by biodiversity unit type.

Habitat Units

3.2.2. The area, ecological condition and strategic significance of each baseline habitat recorded within the Order Limits is presented in **Table 3** along with their value in habitat units.

Table 3 Baseline habitat unit value for the Order Limits before construction

Habitat	Area (ha)	Condition	Strategic Significance	Baseline habitat units
Cereal crops	433.05	Condition Assessment N/A	Low	866.1
Non-cereal crops	120.01	Condition Assessment N/A	Low	240.02
Temporary grass and clover leys	176.03	Condition Assessment N/A	Low	352.06
Arable field margins pollen and nectar	0.91	Condition Assessment N/A	High	4.186
Winter stubble	12.59	Condition Assessment N/A	Low	25.18
Modified grassland	9.1	Good	Low	54.6
Modified grassland	0.04	Moderate	Low	0.16
Modified grassland	444.24	Poor	Low	888.48
Other grassland	neutral 3.68	Good	High	50.784

Habitat		Area (ha)	Condition	Strategic Significance	Baseline habitat units
Other grassland	neutral	29.54	Moderate	High	271.768
Other grassland	neutral	4.38	Poor	High	20.148
Lowland grassland	calcareous	13.6	Moderate	High	187.68
Lowland grassland	calcareous	0.64	Poor	High	4.416
Mixed scrub		0.2	Moderate	Medium	1.76
Mixed scrub		0.08	Poor	Medium	0.352
Ponds (non-priority habitat)	(non-priority)	0.01	Good	High	0.138
Ponds (non-priority habitat)	(non-priority)	0.06	Moderate	High	0.552
Ponds (non-priority habitat)	(non-priority)	0.04	Poor	High	0.184
Developed sealed surface	land;	20.57	N/A - Other	Low	0
Artificial unsealed surface	unvegetated,	1.99	N/A - Other	Low	0
Vegetated garden		0.02	Condition Assessment N/A	Low	0.04
Lowland deciduous woodland	mixed	1.41	Good	High	29.187
Lowland deciduous woodland	mixed	0.06	Moderate	High	0.828
Other broadleaved	woodland;	1.11	Moderate	Medium	9.768
Other broadleaved	woodland;	0.22	Poor	Medium	0.968

Habitat	Area (ha)	Condition	Strategic Significance	Baseline habitat units
Other mixed woodland;	5.53	Moderate	Medium	48.664
Other mixed woodland;	0.39	Poor	Medium	1.716
Other coniferous woodland	0.03	Poor	Medium	0.066
Total	1,279.53	-	-	3,059.81

3.2.3. The impact of the Proposed Development on the area and habitat unit value of the baseline habitats is displayed in **Table 4**.

Table 4 Impact of the Proposed Development on the baseline habitat area and habitat unit value

Impact	Area (ha)	Baseline habitat units
Retained	416.74	1,234.64
Enhanced	389.92	783.46
Lost ¹	472.87	1041.71
Total	1,279.53	3,059.81

Hedgerow Units

3.2.4. The length, ecological condition and strategic significance of each baseline hedgerow recorded within the Order Limits is presented in **Table 5** along with their value in hedgerow units.

¹ In BNG terms habitat lost means the removal of one habitat and replacement with another, including developed land

Table 5 Baseline hedgerow unit value for the Order Limits before construction

Habitat	Length (km)	Condition	Strategic Significance	Baseline hedgerow units
Native hedgerow	7.39	Good	High	50.991
Native hedgerow	8.79	Moderate	High	40.434
Native hedgerow	7.92	Poor	High	18.216
Native hedgerow - associated with bank or ditch	3.15	Good	High	43.47
Native hedgerow - associated with bank or ditch	0.55	Moderate	High	5.06
Native hedgerow with trees	16.82	Good	High	232.116
Native hedgerow with trees	8.81	Moderate	High	81.052
Native hedgerow with trees	6.75	Poor	High	31.05
Native hedgerow with trees - associated with bank or ditch	0.37	Good	High	7.659
Native hedgerow with trees - associated with bank or ditch	1.21	Moderate	High	16.698
Species-rich native hedgerow with trees	0.08	Moderate	High	1.104
Ecologically valuable line of trees	0.26	Moderate	High	2.392
Ecologically valuable line of trees	3.77	Poor	High	17.342
Line of trees	0.17	Moderate	High	0.782
Non-native and ornamental hedgerow	0.05	Poor	Low	0.05
Total	66.09	-	-	548.42

3.2.5. The impact of the Proposed Development on the total length and hedgerow unit value of the baseline hedgerows is displayed in **Table 6**.

Table 6 Impact of the Proposed Development on the total baseline length and hedgerow unit value

Impact	Length (Km)	Baseline hedgerow units
Retained	64.5	537.12
Enhanced	0.23	1.1
Lost	1.36	10.24
Total	66.09	548.42

Watercourse Units

3.2.6. The area and ecological condition of each baseline habitat polygon recorded within the Order Limits is presented in **Table 7** along with their value in habitat units.

Table 7 Baseline watercourse unit value for the Application Site before construction

Habitat	Length (km)	Condition	Strategic Significance	Baseline watercourse units
Other rivers and streams	1.51	Moderate	Medium	17.94
Ditches	0.3	Poor	Medium	1.02
Total	1.81	-	-	18.96

3.2.7. All watercourse lengths within the Order limits are retained.

3.3. Post Development

3.3.1. The proposed areas following the construction of the Proposed Development, including those which deliver mitigation and green infrastructure are displayed on **Figure 2, Appendix A**. The proposed classification, condition and strategic significance of the habitats within these areas, along with their biodiversity value, are presented below by biodiversity unit type.

Habitat Units

3.3.2. The area, proposed ecological condition and strategic significance of each habitat planned within the Proposed Development is presented in **Table 8** along with their value in habitat units.

Table 8 Habitat units delivered by the Proposed Development

Proposed habitat	Area (ha)	Proposed condition	Strategic Significance	Habitat units delivered
Retained Habitat				
Cereal crops	105.38	Condition Assessment N/A	Low	210.76
Non-cereal crops	60.35	Condition Assessment N/A	Low	120.7
Temporary grass and clover leys	111.22	Condition Assessment N/A	Low	222.44
Arable field margins pollen and nectar	0.42	Condition Assessment N/A	High	1.932
Winter stubble	12.59	Condition Assessment N/A	Low	25.18
Modified grassland	0.04	Good	Low	0.24
Modified grassland	0.04	Moderate	Low	0.16
Modified grassland	51.34	Poor	Low	102.68
Other neutral grassland	2.52	Good	High	34.776
Other neutral grassland	26.58	Moderate	High	244.536
Other neutral grassland	2.9	Poor	High	13.34
Lowland calcareous grassland	11.54	Moderate	High	159.252
Lowland calcareous grassland	0.64	Poor	High	4.416
Mixed scrub	0.2	Moderate	Medium	1.76
Mixed scrub	0.08	Poor	Medium	0.352
Ponds (non-priority habitat)	0.01	Good	High	0.138

Proposed habitat	Area (ha)	Proposed condition	Strategic Significance	Habitat units delivered
Ponds (non-priority habitat)	0.06	Moderate	High	0.552
Ponds (non-priority habitat)	0.04	Poor	High	0.184
Developed land; sealed surface	20.57	N/A - Other	Low	0
Artificial unvegetated, unsealed surface	1.45	N/A - Other	Low	0
Vegetated garden	0.02	Condition Assessment N/A	Low	0.04
Lowland mixed deciduous woodland	1.41	Good	High	29.187
Lowland mixed deciduous woodland	0.06	Moderate	High	0.828
Other woodland; broadleaved	1.11	Moderate	Medium	9.768
Other woodland; broadleaved	0.22	Poor	Medium	0.968
Other woodland; mixed	5.53	Moderate	Medium	48.664
Other woodland; mixed	0.39	Poor	Medium	1.716
Other coniferous woodland	0.03	Poor	Medium	0.066
<i>Sub-total</i>	<i>416.74</i>	<i>-</i>	<i>-</i>	<i>1,234.64</i>
Enhanced and created habitats				
Lowland calcareous grassland (mitigation)	161.35	Moderate	High	564.33

Proposed habitat	Area (ha)	Proposed condition	Strategic Significance	Habitat units delivered
Other neutral grassland (mitigation)	7.64	Good	Medium	66.19
Arable field margins – wild bird mix (mitigation within Green Infrastructure area)	25.46	Condition Assessment N/A	High	113.02
Other neutral grassland (rough grass margins within Green Infrastructure area)	34.23	Poor	High	149.88
Other neutral grassland (flower-rich neutral grassland margins within Green Infrastructure area)	23.04	Moderate	High	165.20
Legume-rich modified grassland (Solar PV Module area)	593.85	Fairly Poor	Low	1671.72
Allotments (community garden area)	1.86	Moderate	Low	7.18
Other woodland; broadleaved (proposed tree planting)	15.35	Poor	Medium	56.52
<i>Sub-total</i>	<i>862.78</i>	-	-	<i>2,794.04</i>
Total	1,279.53	-	-	4028.67

3.3.3. The proposed condition of the habitats enhanced or created for mitigation, biodiversity enhancement or amenity is based upon each habitat considered likely to meet a certain number of condition assessment criteria. These are displayed in **Table 9**.

Table 9 Condition assessment criteria considered achievable for proposed habitats

Proposed habitat	Proposed condition	Condition assessment criteria considered achievable²
Lowland calcareous grassland (mitigation)	Moderate	Consistently high proportion of characteristic indicator species. Varied sward height. cover of bare ground is between 1-5%. cover of bracken and scrub <5%.
Other neutral grassland (mitigation)	Good	>10 species per m2 would be present. Consistently high proportion of characteristic indicator species. Varied sward height. cover of bare ground is between 1-5%. cover of bracken and scrub <5%. cover of suboptimal species and damaged ground <5%.
Arable field margins – wild bird mix (mitigation within Green Infrastructure area)	Condition Assessment N/A	N/A
Other neutral grassland (rough grass margins within Green Infrastructure area)	Poor	Varied sward height. cover of bracken and scrub <5%.
Other neutral grassland (flower-rich neutral grassland margins within Green Infrastructure area)	Moderate	Consistently high proportion of characteristic indicator species. Varied sward height. cover of bracken and scrub <5%.
Legume-rich modified grassland (Solar PV Module area)	Fairly poor	There are 6-8 vascular plant species per m2 including 2 forbs. Sward height is varied

² Criteria used by the Condition Assessment methodology in guidance produced by DEFRA for the statutory metric.

Proposed habitat	Proposed condition	Condition assessment criteria considered achievable ²
		Scrub <20% of total grassland area. Cover of Bracken <20%
Allotments (community garden area)	Moderate	Vegetation structure is varied. Contains different plant species beneficial to wildlife.
Other woodland; broadleaved (proposed tree planting)	Poor	No significant browsing damage present. No invasive species present. > 5 native tree or shrub species. Tree mortality < 25%. No nutrient enrichment or damaged ground evident.

Hedgerow Units

3.3.4. The length, ecological condition and strategic significance of each hedgerow planned within the Proposed Development is presented in **Table 10** along with their value in hedgerow units.

Table 10 Hedgerow units delivered by the Proposed Development

Proposed Habitat	Length (km)	Proposed Condition	Strategic Significance	Hedgerow units delivered
Retained Hedgerows				
Native hedgerow	7.18	Good	High	49.542
Native hedgerow	8.35	Moderate	High	38.41
Native hedgerow	7.71	Poor	High	17.733
Native hedgerow - associated with bank or ditch	3.15	Good	High	43.47
Native hedgerow - associated with bank or ditch	0.55	Moderate	High	5.06
Native hedgerow with trees	16.61	Good	High	229.218

Proposed Habitat	Length (km)	Proposed Condition	Strategic Significance	Hedgerow units delivered
Native hedgerow with trees	8.44	Moderate	High	77.648
Native hedgerow with trees	6.63	Poor	High	30.498
Native hedgerow with trees - associated with bank or ditch	0.36	Good	High	7.452
Native hedgerow with trees - associated with bank or ditch	1.21	Moderate	High	16.698
Species-rich native hedgerow with trees	0.06	Moderate	High	0.828
Ecologically valuable line of trees	0.26	Moderate	High	2.392
Ecologically valuable line of trees	3.77	Poor	High	17.342
Line of trees	0.17	Moderate	High	0.782
Non-native and ornamental hedgerow	0.05	Poor	Low	0.05
<i>Sub-total</i>	<i>64.5</i>	-	-	<i>537.12</i>
Enhanced and created habitats				
Native hedgerow with trees	0.23	Good	High	1.8
Species-rich native hedgerow	13.83	Moderate	High	106.47

Proposed Habitat	Length (km)	Proposed Condition	Strategic Significance	Hedgerow units delivered
Species-rich native hedgerow with trees	1.7	Moderate	High	16.43
<i>Sub-total</i>	<i>15.76</i>	-	-	<i>124.7</i>
Total	80.26	-	-	661.83

Watercourse Units

3.3.5. The length, ecological condition and strategic significance of each watercourse planned within the Proposed Development is presented in **Table 11**, along with their value in watercourse units.

Table 11 Watercourse units delivered by the Proposed Development

Proposed Habitat	Length (km)	Proposed condition	Strategic Significance	Watercourse units delivered
Retained habitats				
Other rivers and streams	1.51	Moderate	Medium	17.94
Ditches	0.3	Poor	Medium	1.02
Total	1.81	-	-	18.96

3.4. Biodiversity Net Change

3.4.1. The change in biodiversity value delivered by the Proposed Development is summarised in **Table 12**.

Table 12 Change in units through the Proposed Development

Unit type	No. baseline units	No. units delivered	Unit change	net	Percentage net change
Habitat units	3,059.81	4028.67	968.87		31.66
Hedgerow units	548.42	661.83	113.41		20.68
Watercourse units	18.96	18.96	0		0

- 3.4.2. The table above indicates that the Proposed Development would result in an increase of **968.87 habitat units**, which equates to a **31.66%** biodiversity net gain. The trading rules of the Metric have been satisfied for habitat units, indicating that the distinctiveness of the proposed habitats is sufficient to account for habitats lost.
- 3.4.3. There would also be an increase of **113.41 hedgerow units**, which equates to a **20.68%** biodiversity net gain. The trading rules of the Metric have not been satisfied for hedgerow units due to the marginal loss of 'native hedgerow with trees – associated with bank or ditch' habitat and no proposed hedgerow creation that is associated with a bank or ditch. This could be overcome by creating some of the proposed new hedgerows on a bank or creating a ditch along an existing hedgerow.
- 3.4.4. There would be no change in watercourse units due to no impacts to the watercourses, which equates to no net loss. The trading rules of the Metric have been satisfied for watercourse units because no watercourses will be affected by the Proposed Development.

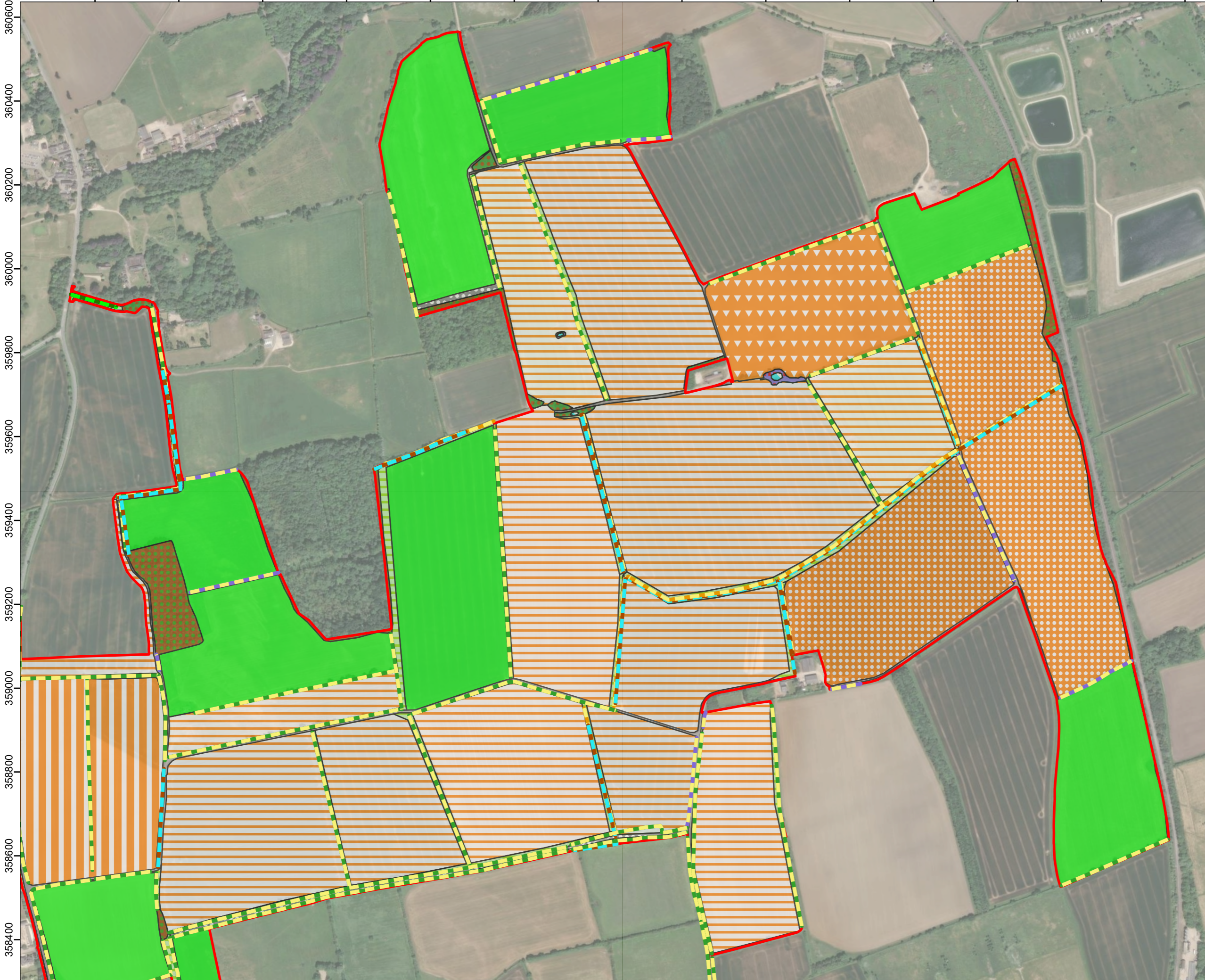
4. References

- **Ref-1** British Standard Institute (2021) BS 8683: Process for designing and implementing biodiversity net gain – Specification. Available online: [REDACTED]
- **Ref-2** CIEEM/CIRIA/IEMA (2016) Biodiversity Net Gain: Good practice principles for development.
- **Ref-3** Defra (2023) The Statutory Biodiversity Metric. Available online: <https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides>
- **Ref-4** UKHab Ltd (2023) UK Habitat Classification v2.0. Available online: [REDACTED]
- **Ref-5** Lincolnshire Biodiversity Partnership (2011) Lincolnshire Biodiversity Action Plan 2011-2020 (3rd edition). Lincolnshire Biodiversity Partnership, Horncastle. Available online: <https://www.nelincs.gov.uk/wp-content/uploads/2016/02/201110-LincolnshireBAP-3rd-edition.pdf>

Appendix A – Figures

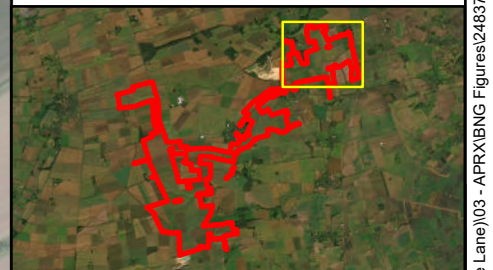


506800 507000 507200 507400 507600 507800 508000 508200 508400 508600 508800 509000 509200 509400



LEGEND:

- Order Limits
- UKHab Classification
- Cereal Crops
- Non-cereal Crops
- Temporary Grass and Clover Leys
- Winter Stubble
- Other Neutral Grassland
- Modified Grassland
- Mixed Scrub
- Ponds (Non-priority Habitat)
- Developed Land; Sealed Surface
- Artificial Unvegetated, Unsealed Surface
- Other Woodland; Mixed
- Other Woodland; Broadleaved
- Native Hedgerow
- Native Hedgerow - Associated with Bank or Ditch
- Native Hedgerow with Trees
- Native Hedgerow with Trees - Associated with Bank or Ditch
- Ditch
- Ecologically Valuable Line of Trees



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

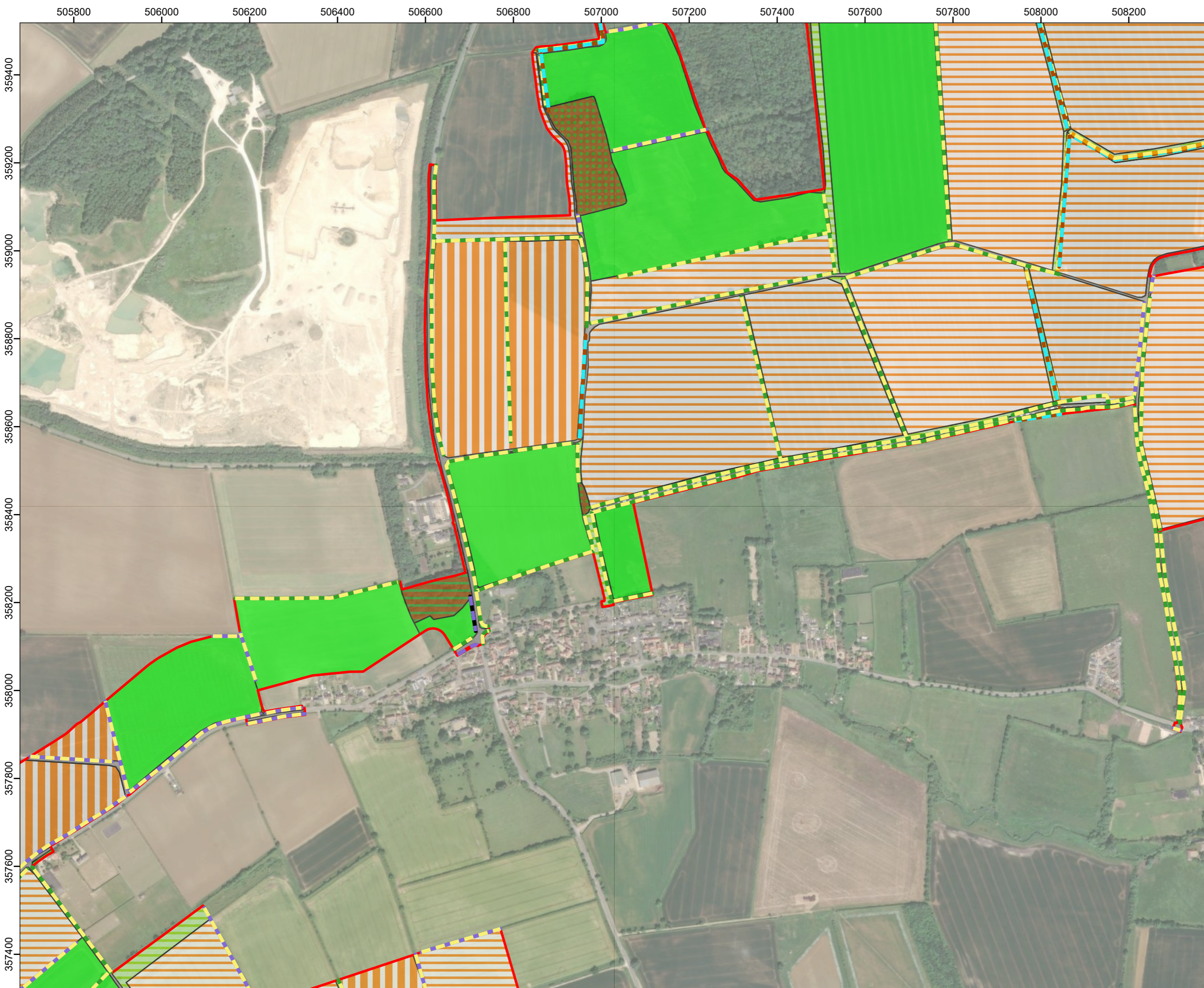
TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 1 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Metres

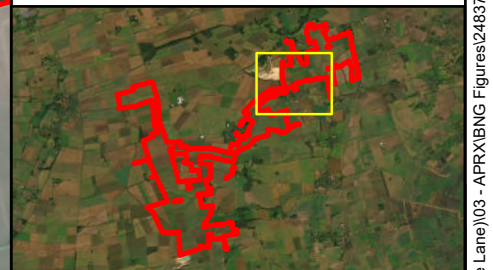
SCALE: 1:8,500 @ A3

REV 01



LEGEND:

- Order Limits
- UKHAB Classification**
- Cereal Crops
- Temporary Grass and Clover Leys
- Other Neutral Grassland
- Modified Grassland
- Vegetated Garden
- Developed Land; Sealed Surface
- Artificial Unvegetated, Unsealed Surface
- Lowland Mixed Deciduous Woodland
- Other Woodland; Mixed
- Native Hedgerow
- Native Hedgerow - Associated with Bank or Ditch
- Native Hedgerow with Trees
- Native Hedgerow with Trees - Associated with Bank or Ditch
- Species-rich Native Hedgerow with Trees
- Non-native and Ornamental Hedgerow
- Ditch



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

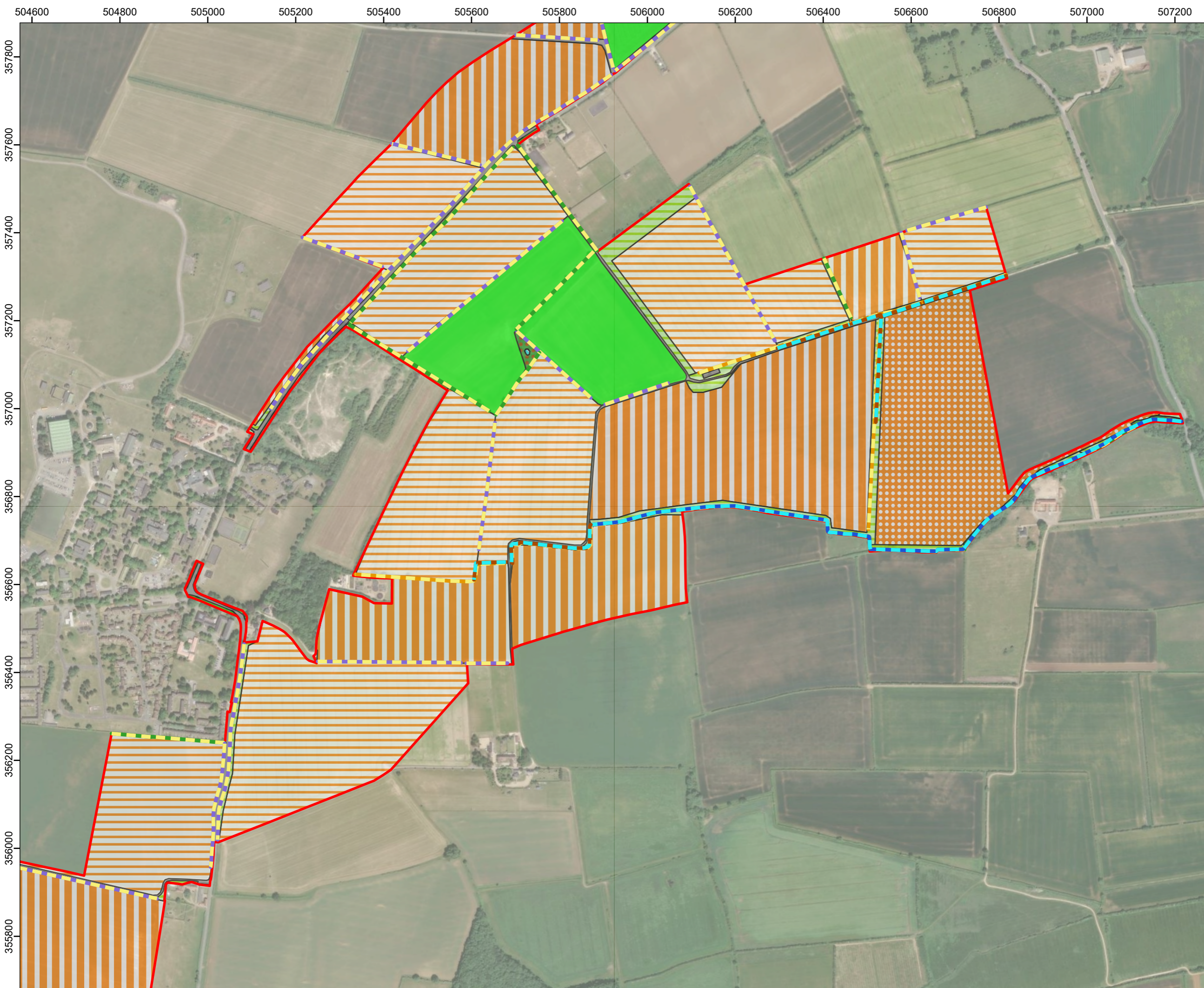
DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 2 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

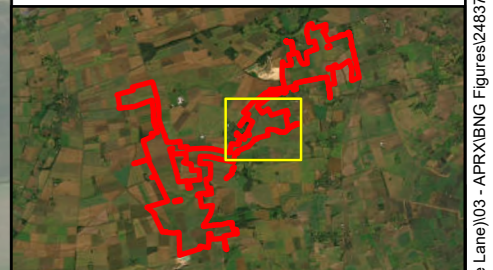
SCALE: 1:8,000 @ A3

REV 01



LEGEND:

- Order Limits
- UKHab Classification
- Cereal Crops
- Non-cereal Crops
- Temporary Grass and Clover Leys
- Other Neutral Grassland
- Modified Grassland
- Ponds (Non-priority Habitat)
- Developed Land; Sealed Surface
- Other Woodland; Broadleaved
- Native Hedgerow
- Native Hedgerow with Trees
- Native Hedgerow with Trees - Associated with Bank or Ditch
- Ditch
- Other Rivers and Streams



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 3 OF 8

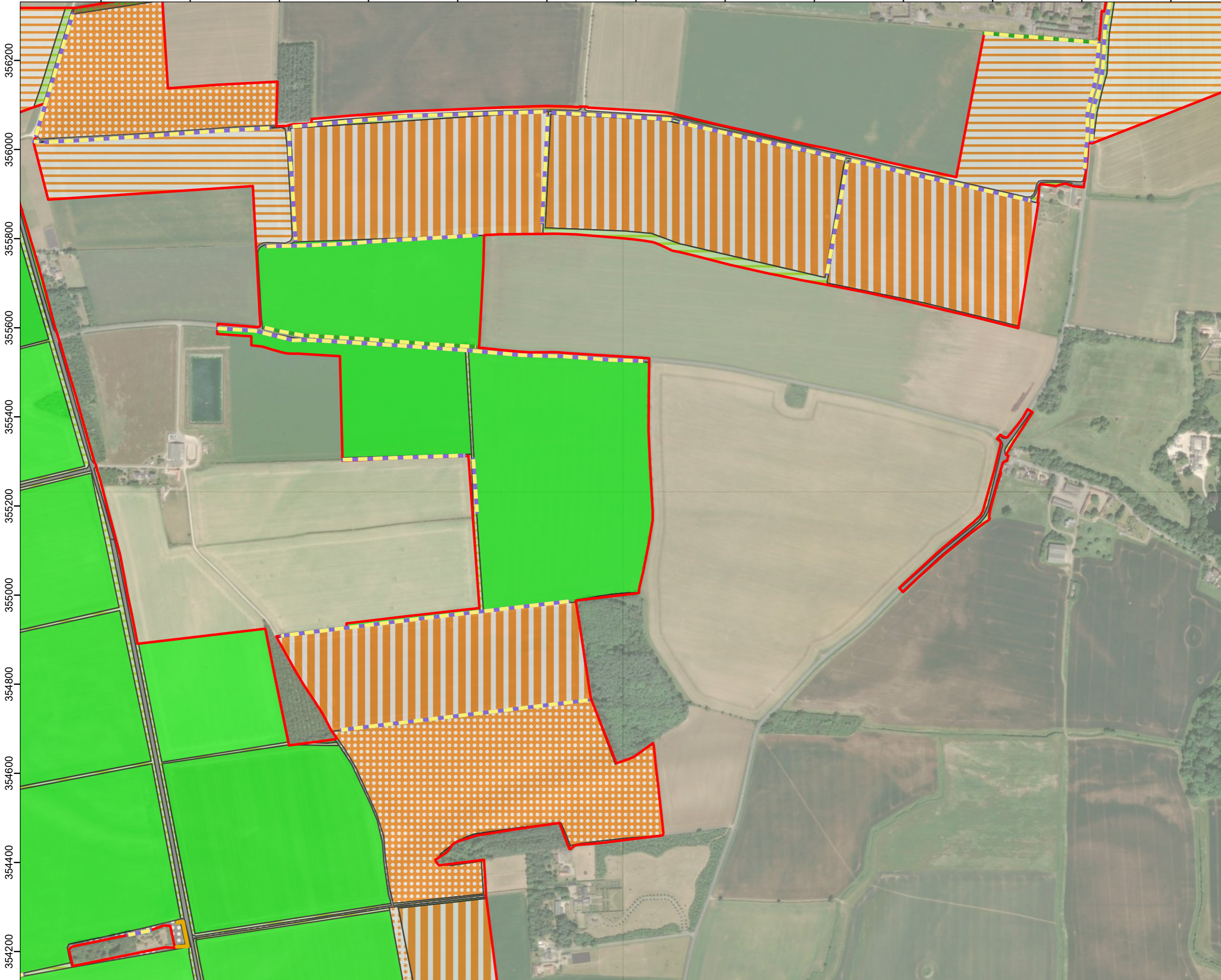
PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Metres

SCALE: 1:8,000 @ A3

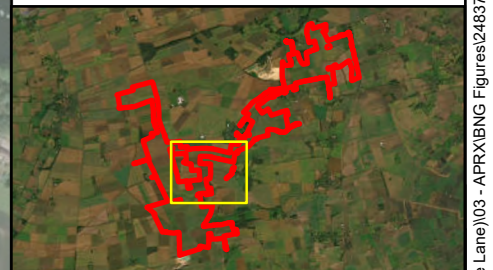
REV 01

502800 503000 503200 503400 503600 503800 504000 504200 504400 504600 504800 505000 505200



LEGEND:

- Order Limits
- UKHAB Classification
- Arable Field Margins Pollen and Nectar
- Cereal Crops
- Non-cereal Crops
- Temporary Grass and Clover Leys
- Other Neutral Grassland
- Lowland Calcareous Grassland
- Modified Grassland
- Developed Land; Sealed Surface
- Artificial Unvegetated, Unsealed Surface
- Other Woodland; Mixed
- Other Woodland; Broadleaved
- Other Coniferous Woodland
- Native Hedgerow
- Native Hedgerow with Trees
- Built Linear Features



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 4 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Metres

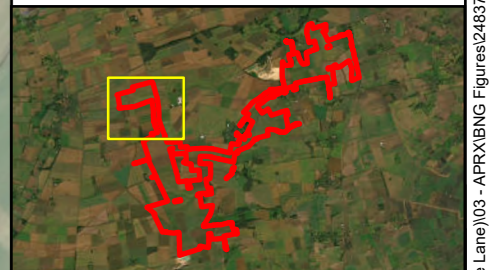
SCALE: 1:8,000 @ A3

REV 01



LEGEND:

- Order Limits
- No Access Area
- UKHab Classification**
- Cereal Crops
- Non-cereal Crops
- Temporary Grass and Clover Leys
- Other Neutral Grassland
- Lowland Calcareous Grassland
- Mixed Scrub
- Developed Land; Sealed Surface
- Native Hedgerow
- Native Hedgerow with Trees
- Line of Trees
- Ecologically Valuable Line of Trees
- Built Linear Features



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

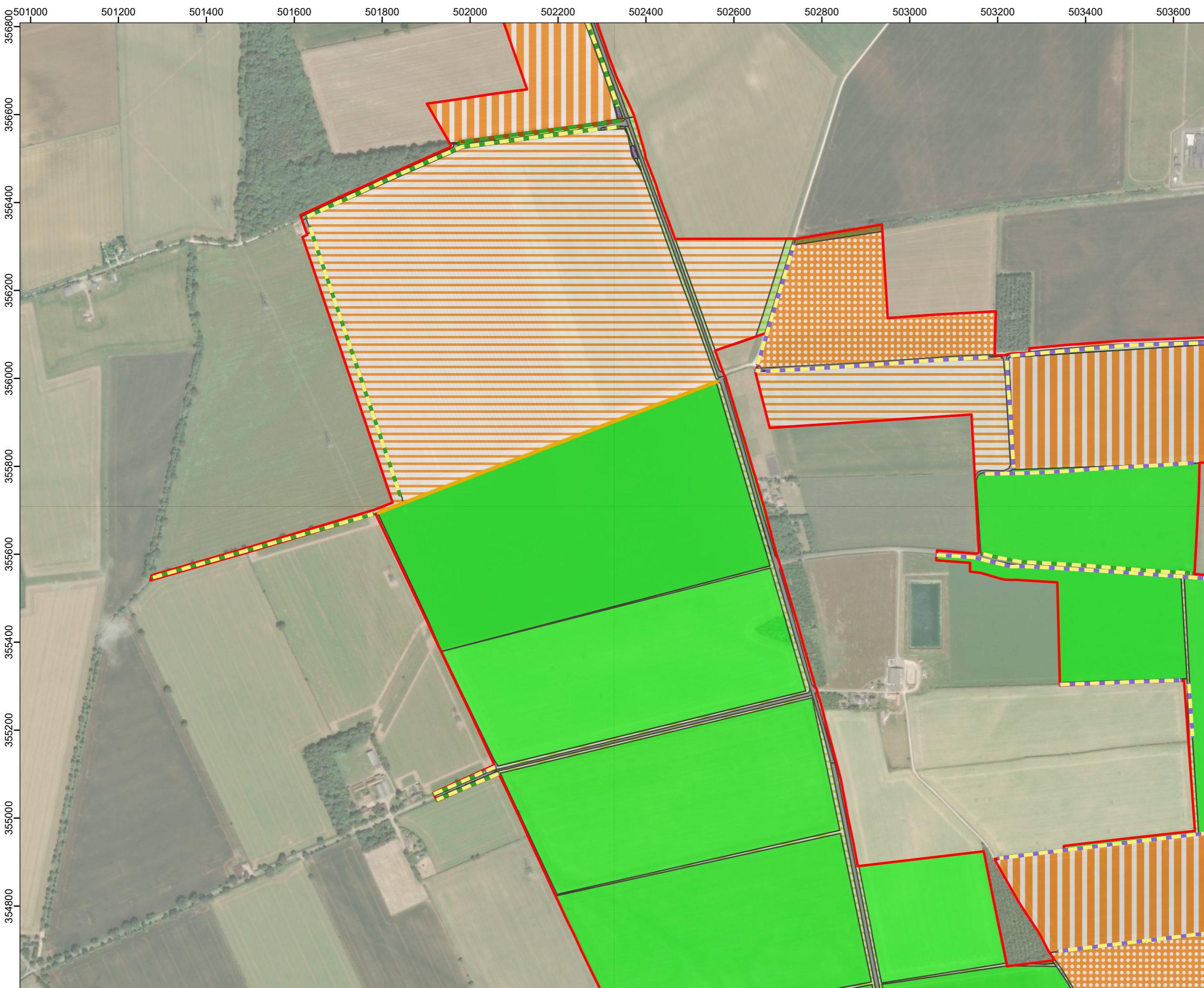
TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 5 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

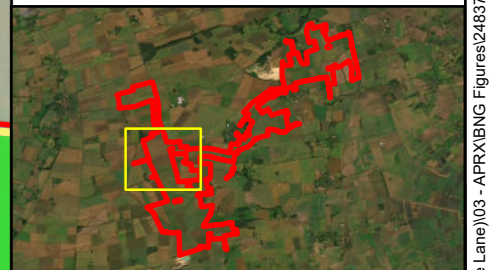
Metres

SCALE: 1:8,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - UKHab Classification**
 - Cereal Crops
 - Non-cereal Crops
 - Temporary Grass and Clover Leys
 - Other Neutral Grassland
 - Lowland Calcareous Grassland
 - Modified Grassland
 - Mixed Scrub
 - Developed Land; Sealed Surface
 - Artificial Unvegetated, Unsealed Surface
 - Other Woodland; Mixed
 - Other Coniferous Woodland
 - Native Hedgerow
 - Native Hedgerow with Trees
 - Line of Trees
 - Ecologically Valuable Line of Trees
 - Built Linear Features



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 6 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

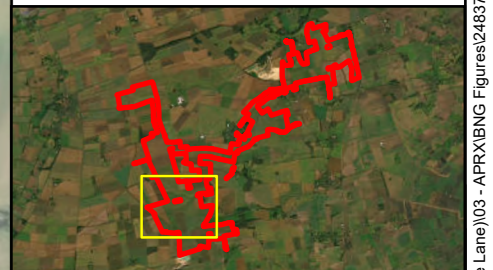
Metres

SCALE: 1:8,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - UKHab Classification**
 - Arable Field Margins Pollen and Nectar
 - Cereal Crops
 - Non-cereal Crops
 - Temporary Grass and Clover Leys
 - Other Neutral Grassland
 - Lowland Calcareous Grassland
 - Other Calcareous Grassland
 - Modified Grassland
 - Developed Land; Sealed Surface
 - Artificial Unvegetated, Unsealed Surface
 - Lowland Mixed Deciduous Woodland
 - Other Woodland; Mixed
 - Other Woodland; Broadleaved
 - Other Coniferous Woodland
 - Native Hedgerow
 - Native Hedgerow with Trees
 - Line of Trees
 - Built Linear Features



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

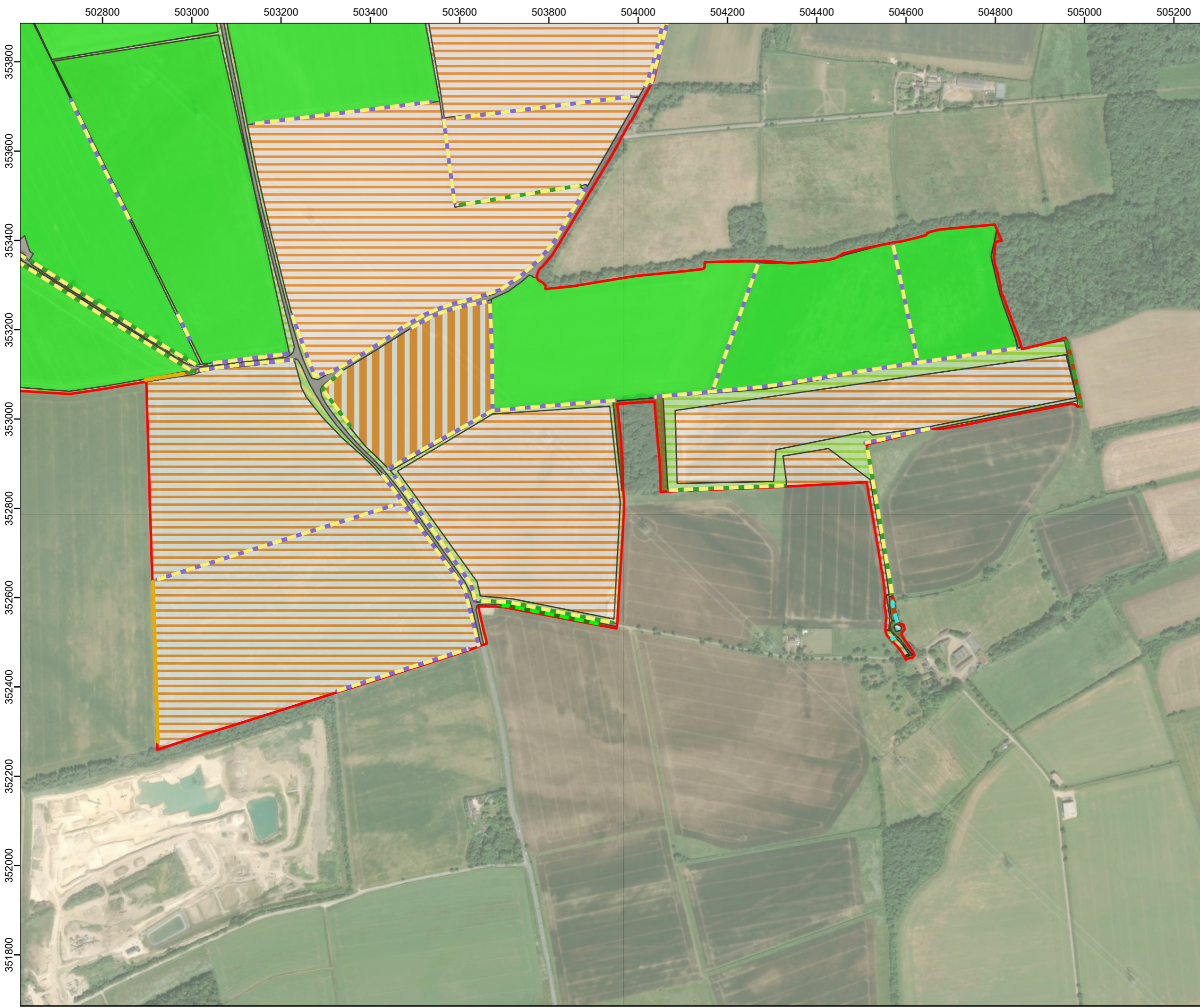
TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 7 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Metres

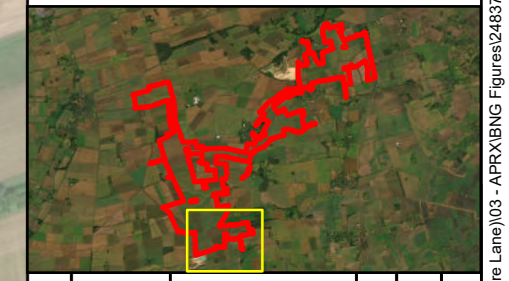
SCALE: 1:8,000 @ A3

REV 01



LEGEND:

- Order Limits
- UKHab Classification**
- Arable Field Margins Pollen and Nectar
- Cereal Crops
- Temporary Grass and Clover Leys
- Other Neutral Grassland
- Lowland Calcareous Grassland
- Other Calcareous Grassland
- Modified Grassland
- Ponds (Non-priority Habitat)
- Developed Land; Sealed Surface
- Lowland Mixed Deciduous Woodland
- Other Woodland; Mixed
- Other Woodland; Broadleaved
- Native Hedgerow
- Native Hedgerow with Trees
- Ditch
- Line of Trees
- Ecologically Valuable Line of Trees
- Built Linear Features



01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF
Rev	Date	Description	Drn	Chk	App

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 1 UKHAB HABITAT SURVEY, PAGE
 8 OF 8

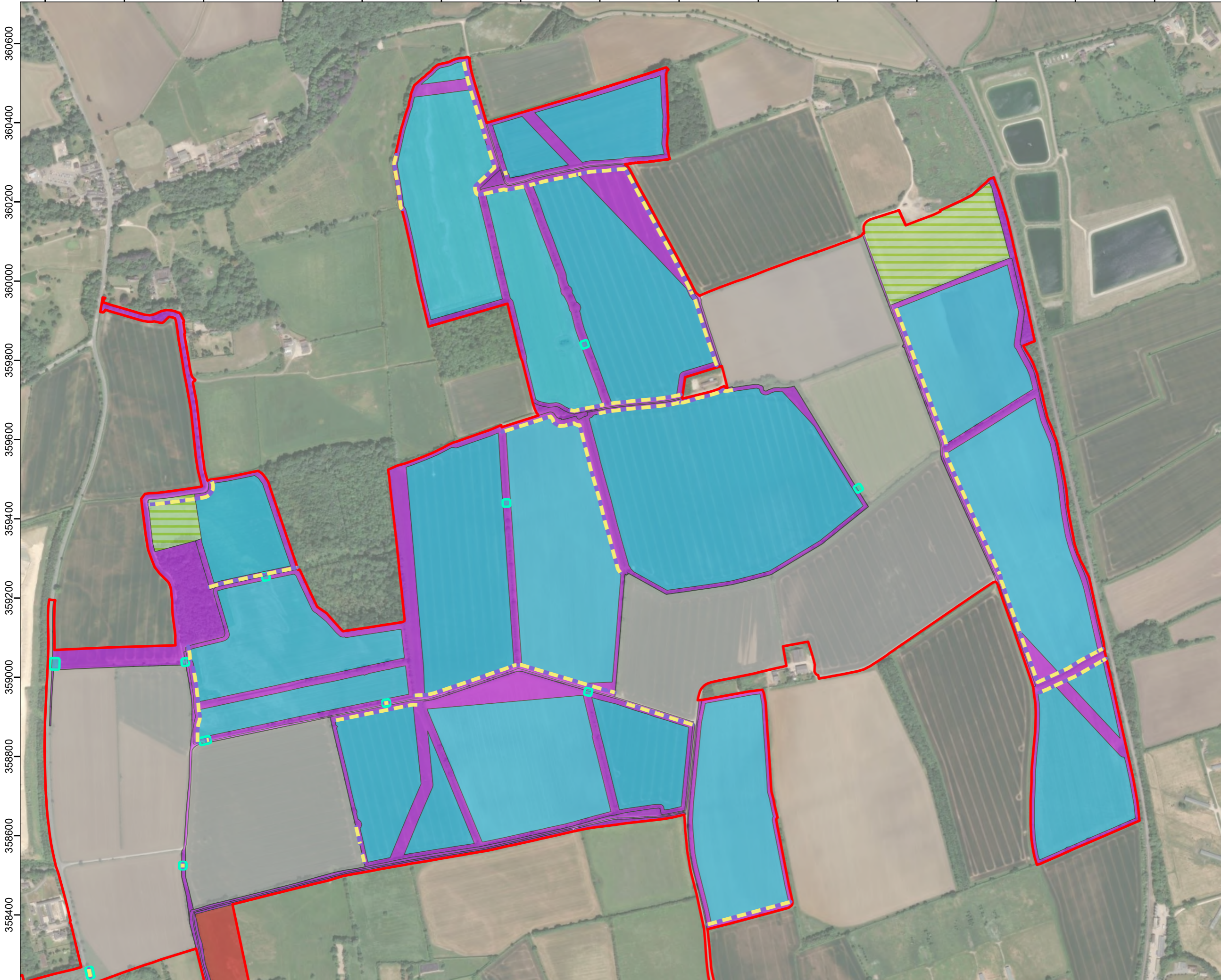
PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Metres

SCALE: 1:8,000 @ A3

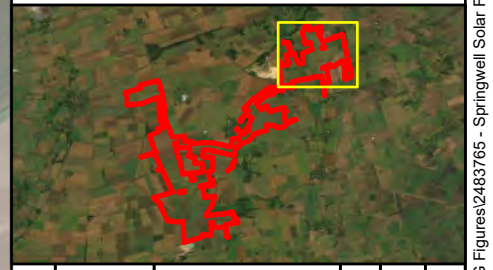
REV 01

506600 506800 507000 507200 507400 507600 507800 508000 508200 508400 508600 508800 509000 509200 509400



LEGEND:

- Order Limits
- Area of Vegetation Removal
- Green Infrastructure (GI) Parameters**
- Community Grow Area
- Green Infrastructure Margins
- Grassland Under Solar PV Modules
- Neutral Grassland (g3c)
- Area Outside GI Parameters Plan
- Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

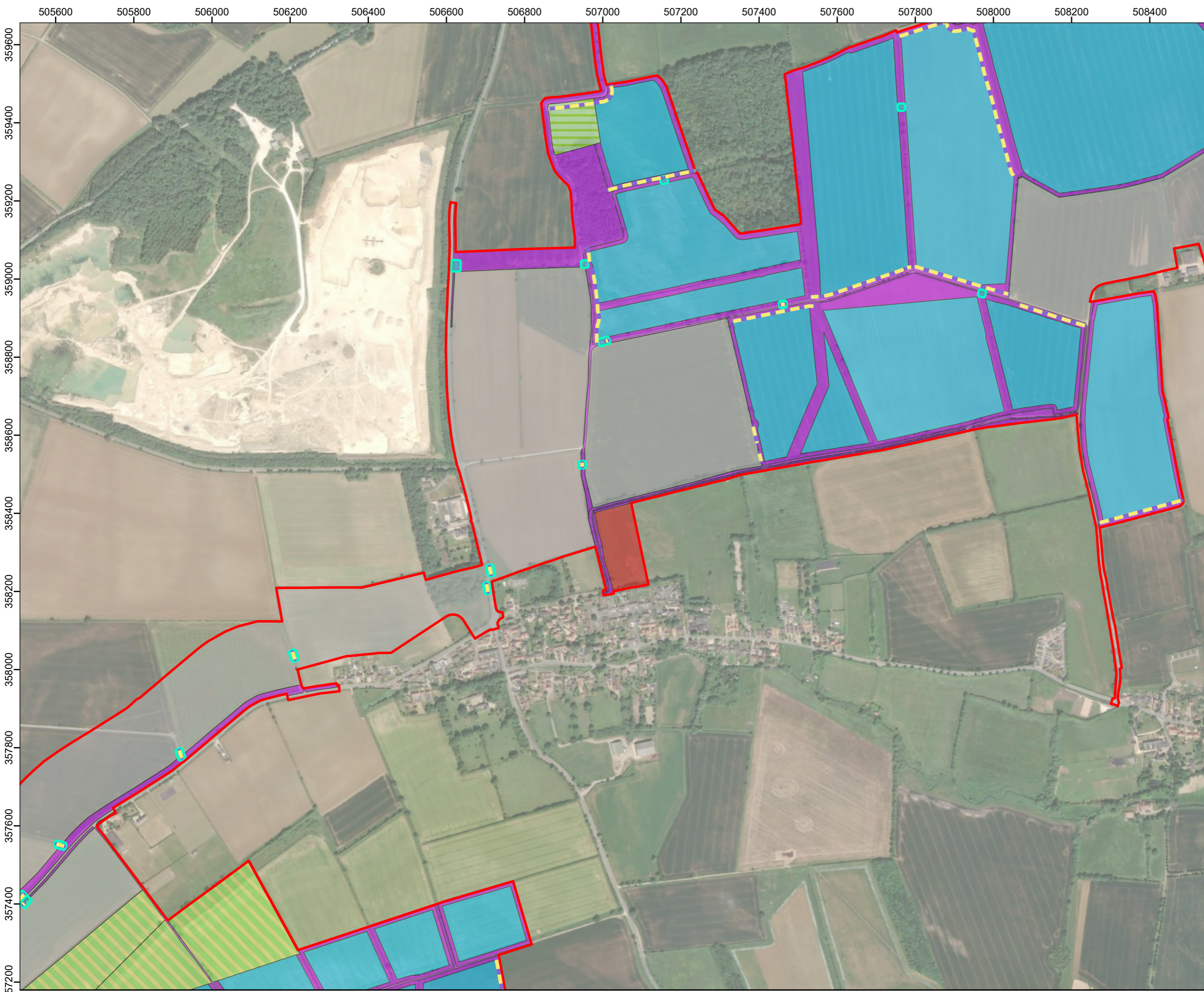
DOCUMENT:
ENVIRONMENTAL STATEMENT
VOLUME 3, APPENDIX 7.14: BIODIVERSITY
NET GAIN ASSESSMENT
REGULATION 5(2)(a)

TITLE:
FIGURE 2 GREEN INFRASTRUCTURE BNG
PARAMETERS, PAGE 1 OF 8

PINS REFERENCE NUMBER:
EN010149/APP/6.3

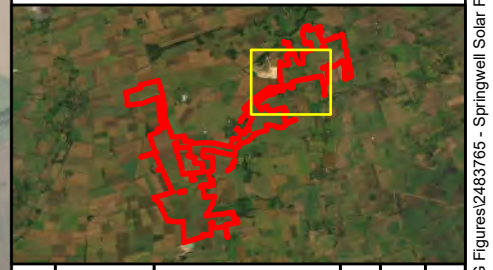
Scale: 1:9,000 @ A3

REV 01



LEGEND:

- Order Limits
- Area of Vegetation Removal
- Green Infrastructure (GI) Parameters**
- Community Grow Area
- Green Infrastructure Margins
- Grassland Under Solar PV Modules
- Calcareous Grassland (g2a)
- Neutral Grassland (g3c)
- Area Outside GI Parameters Plan
- Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

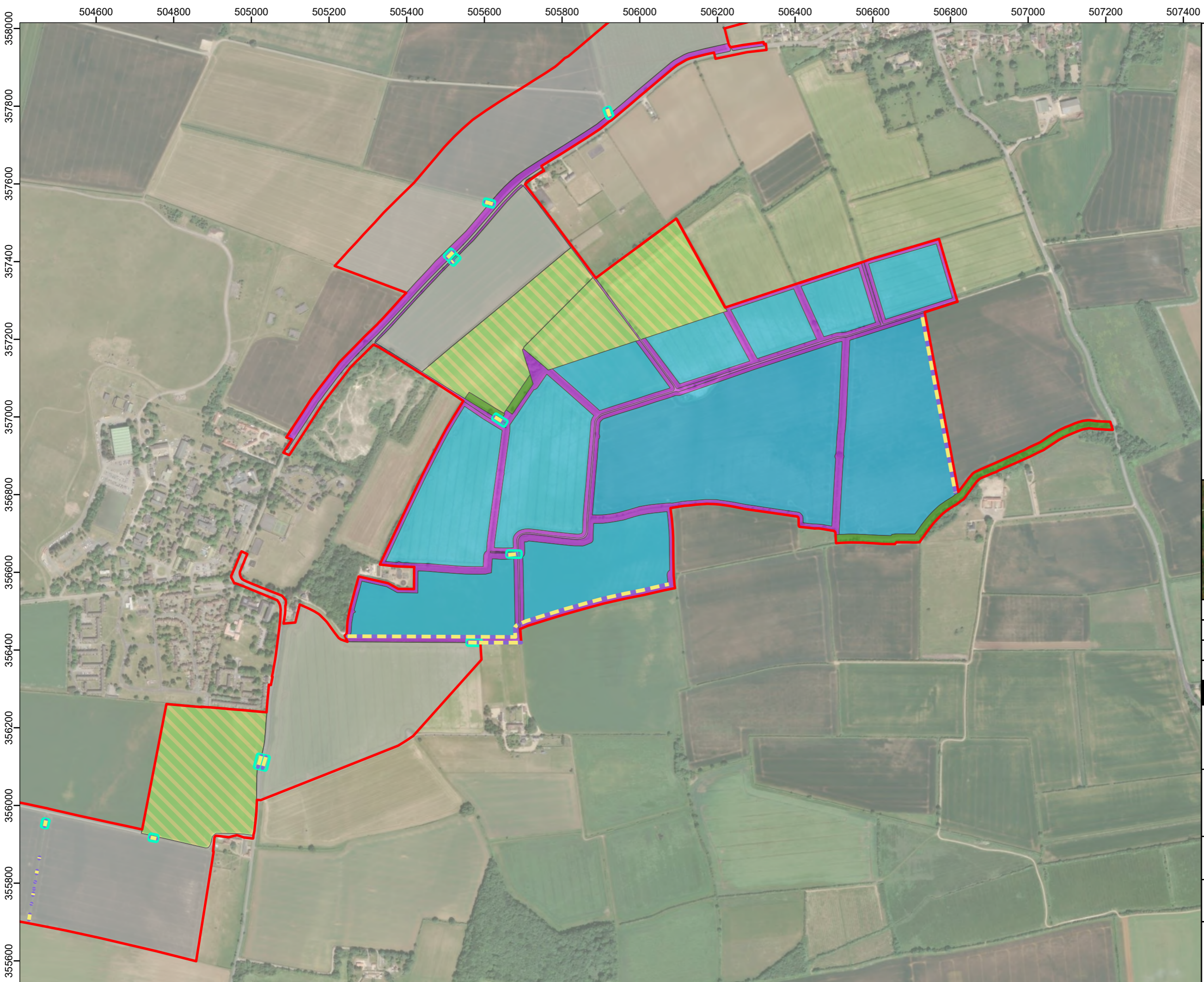
DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 2 GREEN INFRASTRUCTURE BNG
 PARAMETERS, PAGE 2 OF 8

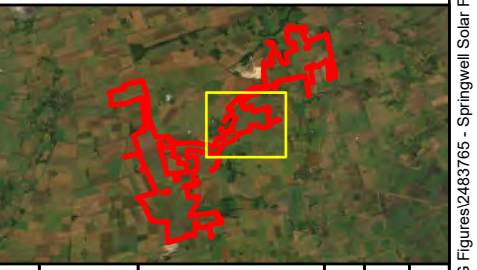
PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Scale: 1:9,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - Area of Vegetation Removal
 - Green Infrastructure (GI) Parameters**
 - Green Infrastructure Margins
 - Grassland Under Solar PV Modules
 - Strategic Planting (Tree Belt)
 - Calcareous Grassland (g2a)
 - Area Outside GI Parameters Plan
 - Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

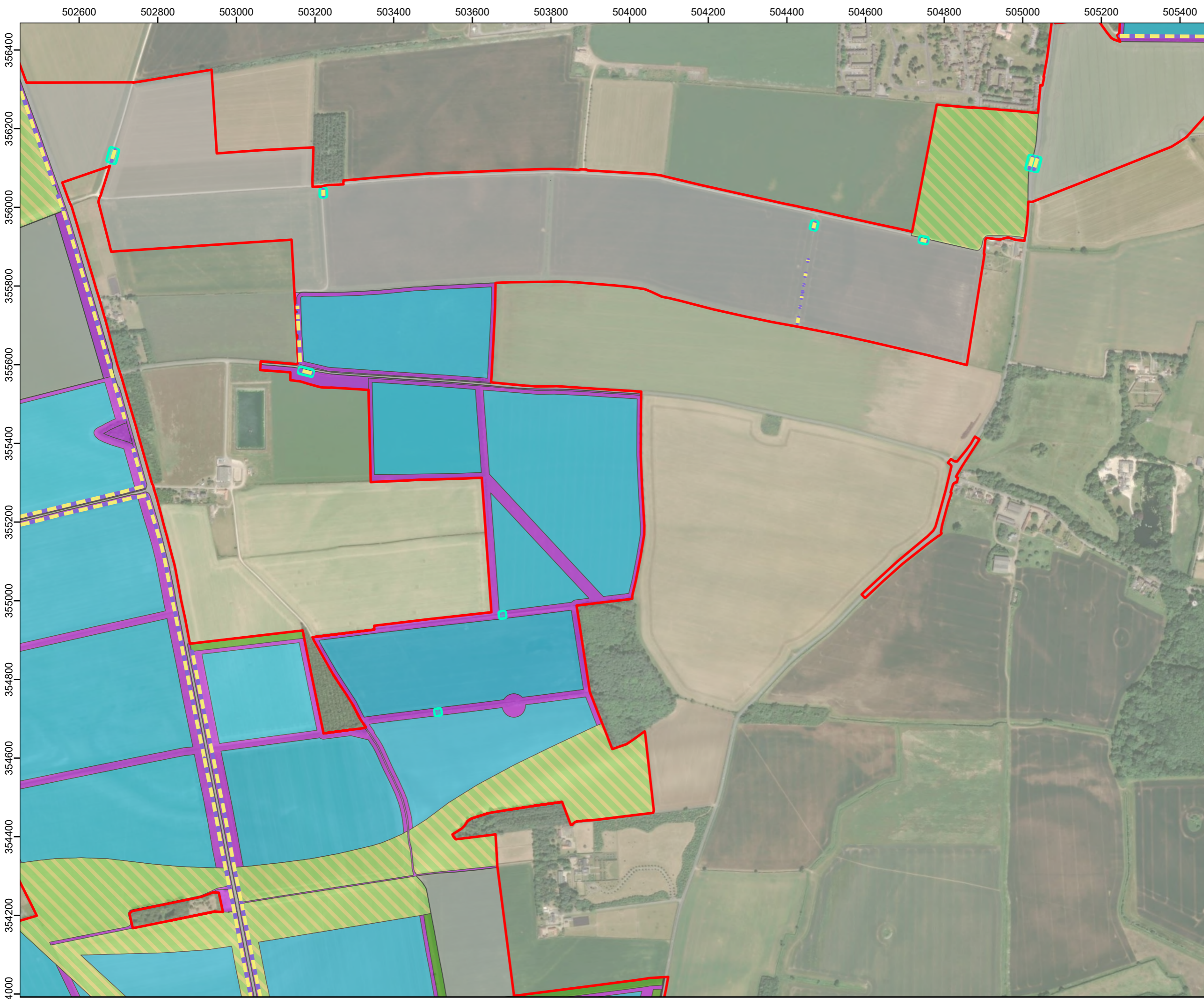
DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 2 GREEN INFRASTRUCTURE BNG
 PARAMETERS, PAGE 3 OF 8

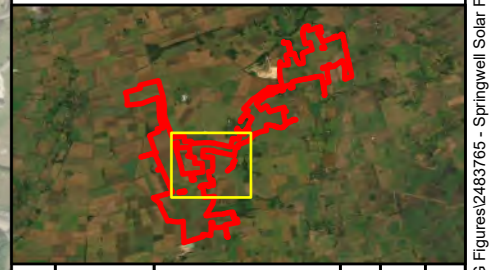
PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Scale: 1:9,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - Area of Vegetation Removal
 - Green Infrastructure (GI) Parameters**
 - Green Infrastructure Margins
 - Grassland Under Solar PV Modules
 - Strategic Planting (Tree Belt)
 - Calcareous Grassland (g2a)
 - Area Outside GI Parameters Plan
 - Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

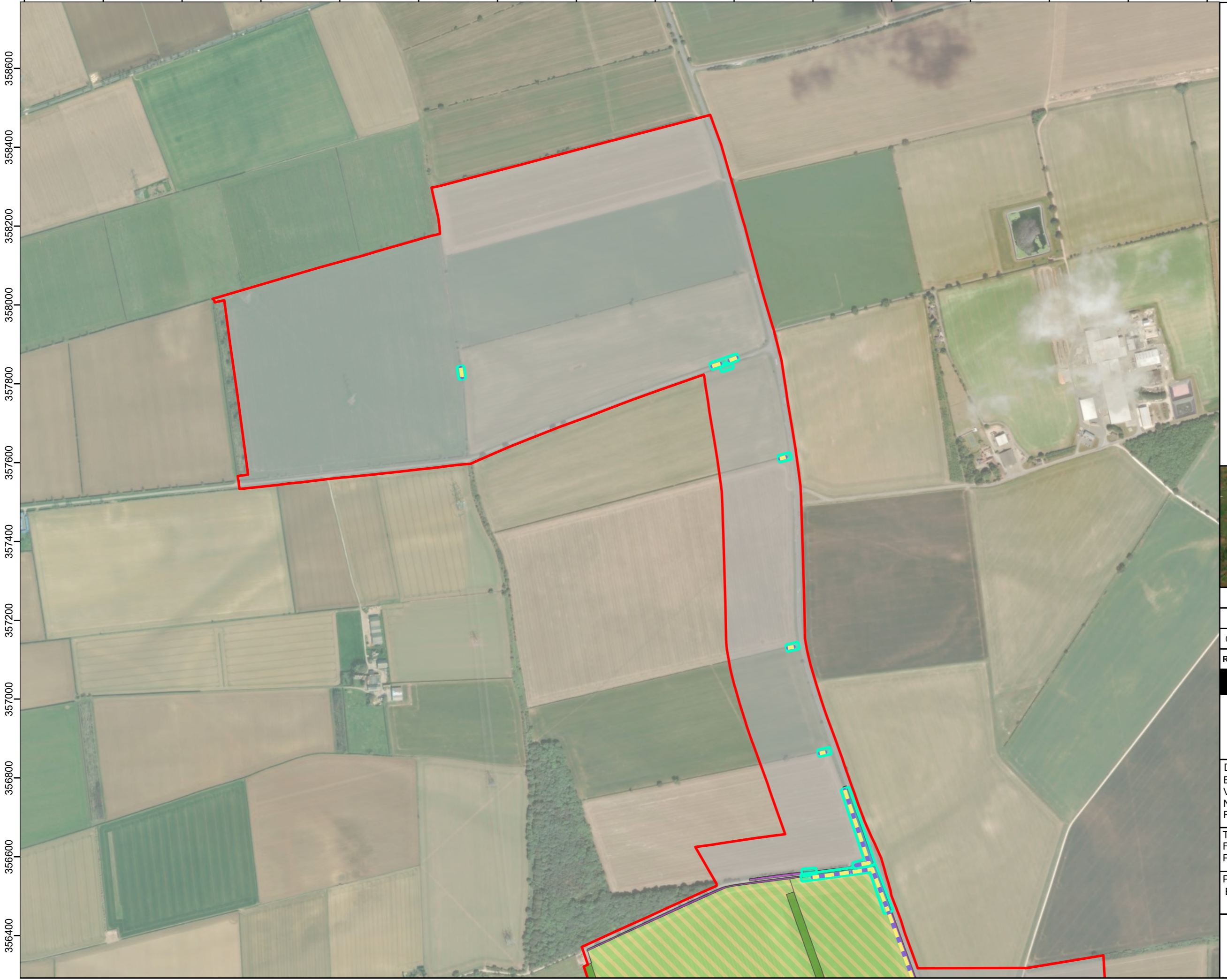
TITLE:
 FIGURE 2 GREEN INFRASTRUCTURE BNG
 PARAMETERS, PAGE 4 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

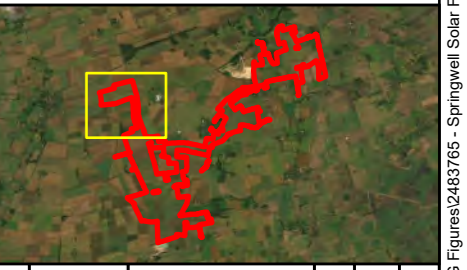
Scale: 1:9,000 @ A3

REV 01

500200 500400 500600 500800 501000 501200 501400 501600 501800 502000 502200 502400 502600 502800 503000 503200



- LEGEND:**
- Order Limits
 - Area of Vegetation Removal
 - Green Infrastructure (GI) Parameters
 - Green Infrastructure Margins
 - Strategic Planting (Tree Belt)
 - Calcareous Grassland (g2a)
 - Area Outside GI Parameters Plan
 - Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

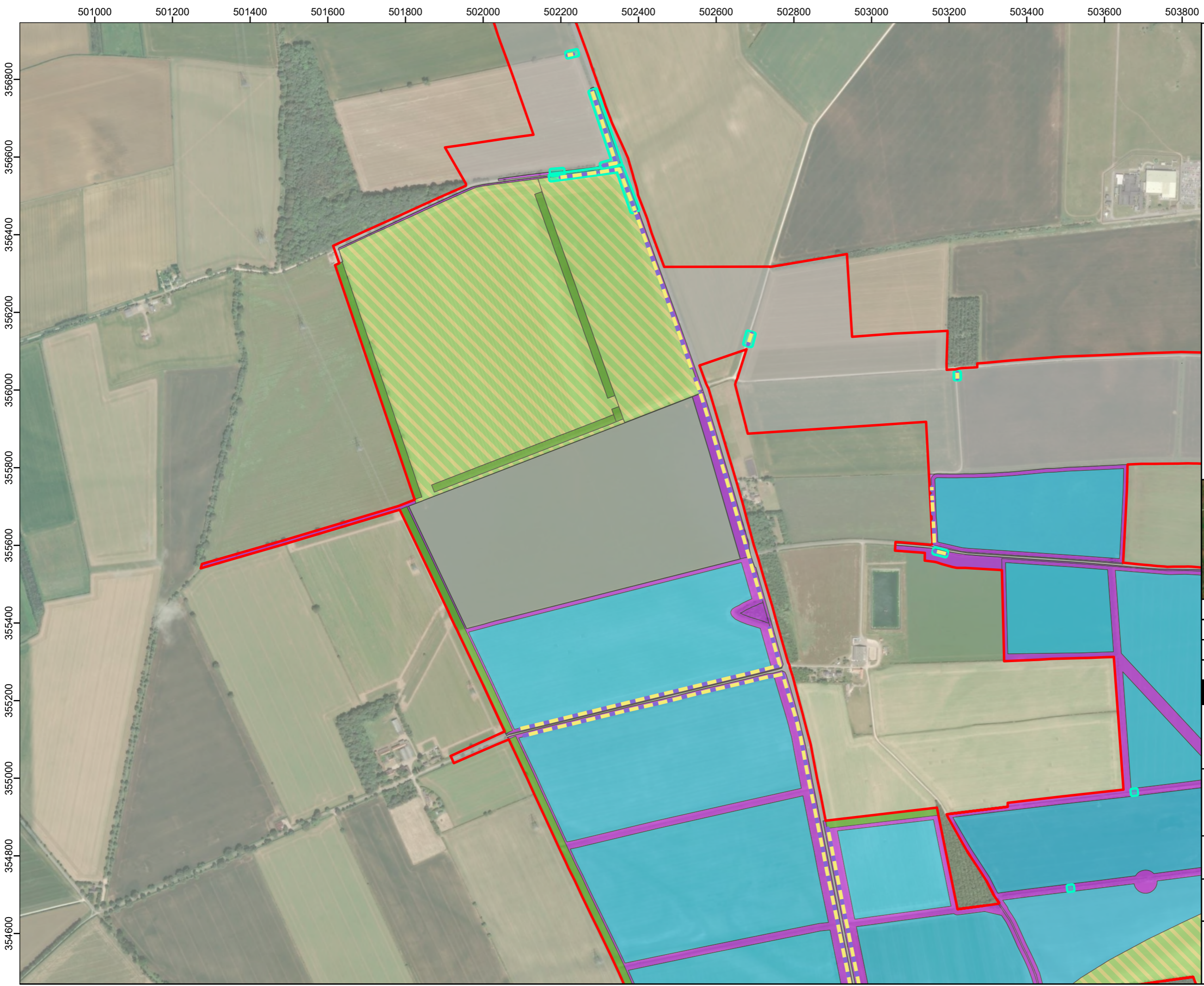
DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 2 GREEN INFRASTRUCTURE BNG
 PARAMETERS, PAGE 5 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3

Scale: 1:9,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - Area of Vegetation Removal
 - Green Infrastructure (GI) Parameters**
 - Green Infrastructure Margins
 - Grassland Under Solar PV Modules
 - Strategic Planting (Tree Belt)
 - Calcareous Grassland (g2a)
 - Area Outside GI Parameters Plan
 - Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

DOCUMENT:
ENVIRONMENTAL STATEMENT
VOLUME 3, APPENDIX 7.14: BIODIVERSITY
NET GAIN ASSESSMENT
REGULATION 5(2)(a)

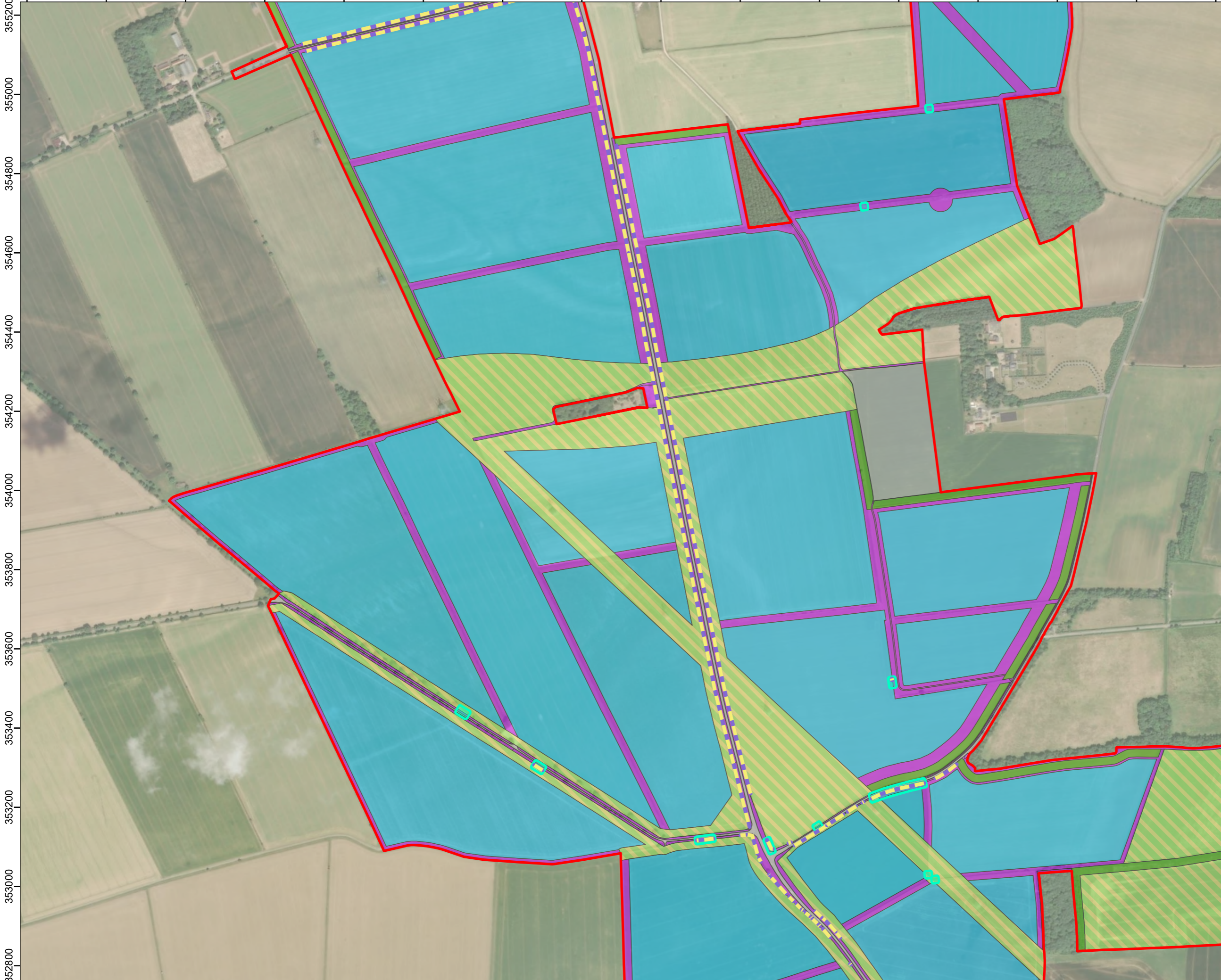
TITLE:
FIGURE 2 GREEN INFRASTRUCTURE BNG
PARAMETERS, PAGE 6 OF 8

PINS REFERENCE NUMBER:
EN010149/APP/6.3

Scale: 1:9,000 @ A3

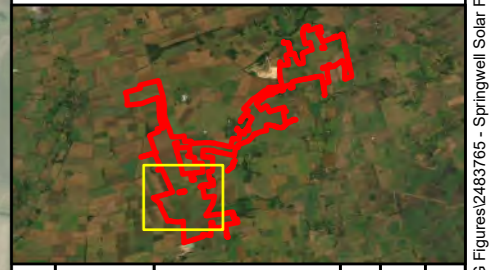
REV 01

501400 501600 501800 502000 502200 502400 502600 502800 503000 503200 503400 503600 503800 504000 504200 504400



LEGEND:

- Order Limits
- Area of Vegetation Removal
- Green Infrastructure (GI) Parameters**
- Green Infrastructure Margins
- Grassland Under Solar PV Modules
- Strategic Planting (Tree Belt)
- Calcareous Grassland (g2a)
- Area Outside GI Parameters Plan
- Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

Springwell Solar Farm

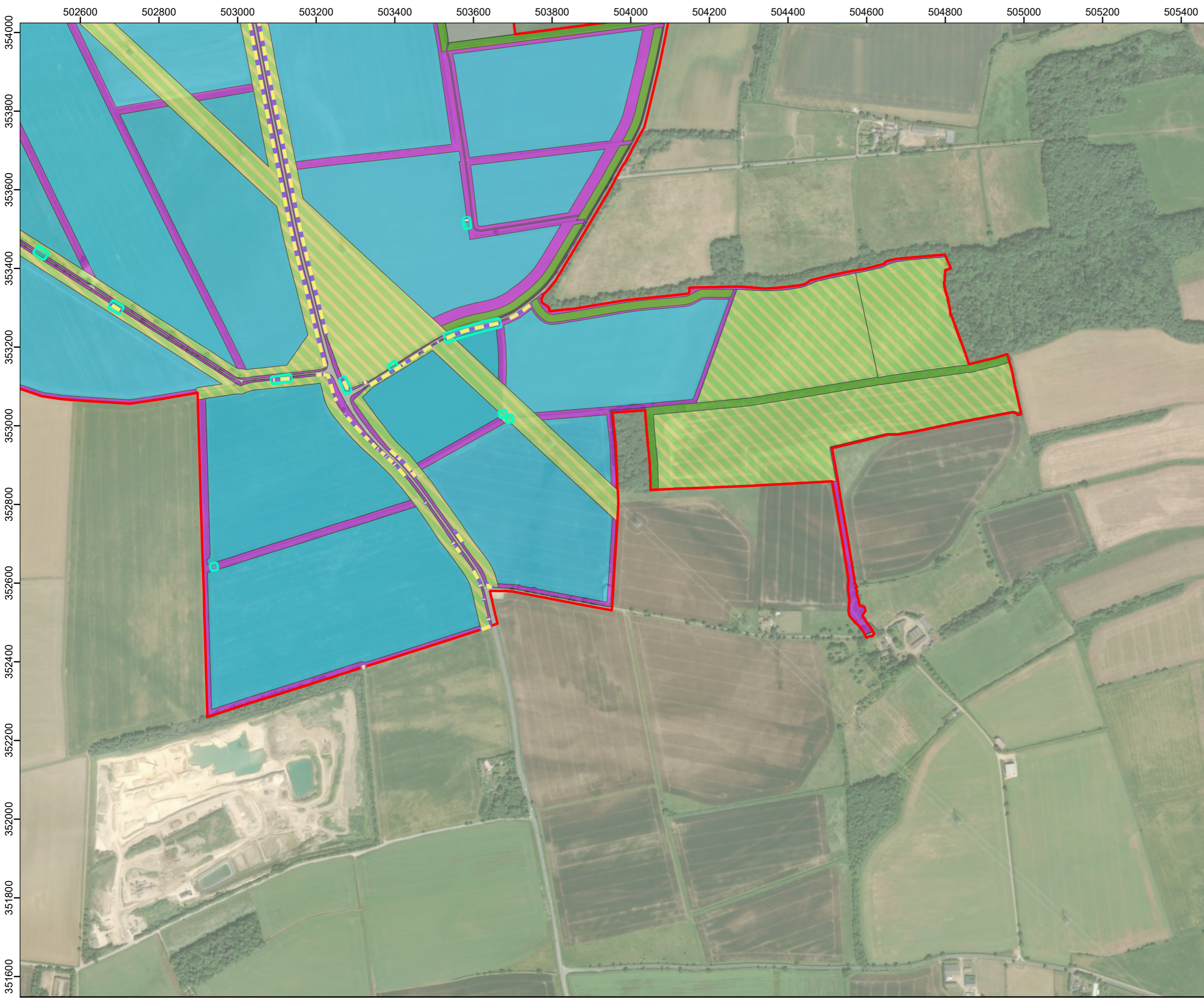
DOCUMENT:
ENVIRONMENTAL STATEMENT
VOLUME 3, APPENDIX 7.14: BIODIVERSITY
NET GAIN ASSESSMENT
REGULATION 5(2)(a)

TITLE:
FIGURE 2 GREEN INFRASTRUCTURE BNG
PARAMETERS, PAGE 7 OF 8

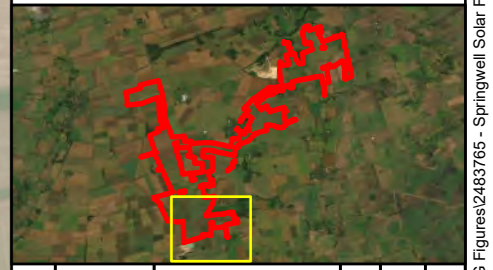
PINS REFERENCE NUMBER:
EN010149/APP/6.3

Scale: 1:9,000 @ A3

REV 01



- LEGEND:**
- Order Limits
 - Area of Vegetation Removal
 - Green Infrastructure (GI) Parameters**
 - Green Infrastructure Margins
 - Grassland Under Solar PV Modules
 - Strategic Planting (Tree Belt)
 - Calcareous Grassland (g2a)
 - Area Outside GI Parameters Plan
 - Strategic Planting (Hedgerow)



Rev	Date	Description	Drn	Chk	App
01	NOV 2024	DCO SUBMISSION	RSK	RSK	EDF

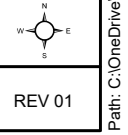
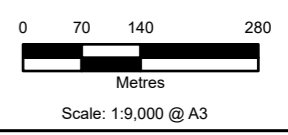
Springwell Solar Farm



DOCUMENT:
 ENVIRONMENTAL STATEMENT
 VOLUME 3, APPENDIX 7.14: BIODIVERSITY
 NET GAIN ASSESSMENT
 REGULATION 5(2)(a)

TITLE:
 FIGURE 2 GREEN INFRASTRUCTURE BNG
 PARAMETERS, PAGE 8 OF 8

PINS REFERENCE NUMBER:
 EN010149/APP/6.3



Appendix B – Condition Assessment



Appendix B – Condition Assessment³

Modified Grassland

Polygon ID	Location	Area (Ha)	Modified grassland condition	Criteria A: 6-8 species per m2 including at least 2 forbs (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Scrub <20%	Criteria D: Physical damage <5%	Criteria E: Bare ground 1-10%	Criteria F: Bracken <20%	Criteria G: Invasive non-native plant species absent
285	Central	6.77	Poor	N	N	Y	Y	Y	Y	Y
286	East	7.44	Poor	N	N	Y	Y	Y	Y	Y
292	Central	7.20	Good	Y	N	Y	Y	Y	Y	Y
293	Central	6.84	Poor	N	N	Y	Y	Y	Y	Y
294	Central	0.08	Poor	N	N	Y	Y	Y	Y	Y
299	West	7.59	Poor	N	N	Y	Y	Y	Y	Y
300	West	16.81	Poor	N	N	Y	Y	Y	Y	Y

³ Criteria used by the Condition Assessment methodology in guidance produced by DEFRA for the statutory metric.

Polygon ID	Location	Area (Ha)	Modified grassland condition	Criteria A: 6-8 species per m2 including at least 2 forbs (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Scrub <20%	Criteria D: Physical damage <5%	Criteria E: Bare ground 1-10%	Criteria F: Bracken <20%	Criteria G: Invasive non-native plant species absent
301	West	25.53	Poor	N	N	Y	Y	Y	Y	Y
302	West	6.10	Poor	N	N	Y	Y	Y	Y	Y
303	West	10.48	Poor	N	N	Y	Y	Y	Y	Y
304	West	15.04	Poor	N	N	Y	Y	Y	Y	Y
305	West	20.79	Poor	N	N	Y	Y	Y	Y	Y
306	West	14.71	Poor	N	N	Y	Y	Y	Y	Y
307	West	24.60	Poor	N	N	Y	Y	Y	Y	Y
308	West	24.66	Poor	N	N	Y	Y	Y	Y	Y
309	West	24.01	Poor	N	N	Y	Y	Y	Y	Y
310	West	20.18	Poor	N	N	Y	Y	Y	Y	Y
311	West	21.02	Poor	N	N	Y	Y	Y	Y	Y

Polygon ID	Location	Area (Ha)	Modified grassland condition	Criteria A: 6-8 species per m2 including at least 2 forbs (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Scrub <20%	Criteria D: Physical damage <5%	Criteria E: Bare ground 1-10%	Criteria F: Bracken <20%	Criteria G: Invasive non-native plant species absent
312	West	21.07	Poor	N	N	Y	Y	Y	Y	Y
313	West	21.46	Poor	N	N	Y	Y	Y	Y	Y
314	West	30.87	Poor	N	N	Y	Y	Y	Y	Y
315	West	0.33	Poor	N	N	Y	Y	Y	Y	Y
316	West	21.32	Poor	N	N	Y	Y	Y	Y	Y
318	West	7.82	Poor	N	N	Y	Y	Y	Y	Y
319	West	11.16	Poor	N	N	Y	Y	Y	Y	Y
320	East	10.41	Poor	N	N	Y	Y	Y	Y	Y
321	East	12.02	Poor	N	N	Y	Y	Y	Y	Y
322	East	7.97	Poor	N	N	Y	Y	Y	Y	Y
325	East	6.31	Poor	N	N	Y	Y	Y	Y	Y

Polygon ID	Location	Area (Ha)	Modified grassland condition	Criteria A: 6-8 species per m2 including at least 2 forbs (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Scrub <20%	Criteria D: Physical damage <5%	Criteria E: Bare ground 1-10%	Criteria F: Bracken <20%	Criteria G: Invasive non-native plant species absent
326	East	15.37	Poor	N	N	Y	Y	Y	Y	Y
327	East	0.01	Poor	N	N	Y	Y	Y	Y	Y
328	East	6.70	Poor	N	N	Y	Y	Y	Y	Y
329	East	10.53	Poor	N	N	Y	Y	Y	Y	Y
335	East	0.08	Poor	N	N	Y	Y	Y	Y	Y
342	Central	6.79	Poor	N	N	Y	Y	Y	Y	Y
485	Central	0.73	Poor	N	N	Y	Y	Y	Y	Y
563	East	0.01	Poor	N	N	Y	Y	Y	Y	Y
564	East	0.04	Moderate	Y	N	Y	N	Y	Y	Y
568	Central	0.09	Poor	N	N	Y	Y	Y	Y	Y
569	Central	0.09	Poor	N	N	Y	Y	Y	Y	Y

Polygon ID	Location	Area (Ha)	Modified grassland condition	Criteria A: 6-8 species per m2 including at least 2 forbs (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Scrub <20%	Criteria D: Physical damage <5%	Criteria E: Bare ground 1-10%	Criteria F: Bracken <20%	Criteria G: Invasive non-native plant species absent
577	West	0.24	Poor	N	N	Y	Y	Y	Y	Y
588	Central	0.07	Poor	N	N	Y	Y	Y	Y	Y
589	Central	0.03	Poor	N	N	Y	Y	Y	Y	Y
590	Central	0.06	Poor	N	N	Y	Y	Y	Y	Y
591	Central	0.01	Poor	N	N	Y	Y	Y	Y	Y
592	Central	0.01	Poor	N	N	Y	Y	Y	Y	Y
594	Central	0.03	Poor	N	N	Y	Y	Y	Y	Y
706	East	0.04	Good	Y	N	Y	Y	Y	Y	Y
737	East	1.86	Good	Y	N	Y	Y	Y	Y	Y
783	East	0.01	Poor	N	N	Y	Y	Y	Y	Y
Total	-	453.39	-	-	-	-	-	-	-	-

Other Neutral Grassland

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
288	East	0.46	Moderate	Y	N	Y	Y	Y	Y
290	East	0.25	Moderate	Y	N	Y	Y	Y	Y
317	West	0.20	Moderate	Y	N	Y	Y	Y	Y
334	West	0.01	Poor	N	N	N	Y	N	N
336	East	0.03	Moderate	Y	N	Y	Y	Y	Y
337	East	0.14	Moderate	Y	N	Y	Y	Y	Y
409	West	0.37	Moderate	Y	N	Y	Y	Y	N
414	West	0.15	Moderate	Y	N	Y	Y	Y	N
425	West	0.01	Poor	N	N	Y	Y	Y	N
427	West	0.34	Poor	N	N	Y	Y	N	N
430	West	0.14	Poor	N	N	Y	Y	Y	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
431	West	0.13	Poor	N	N	Y	Y	Y	N
432	West	0.14	Poor	N	N	Y	Y	N	N
433	West	0.27	Poor	N	N	Y	Y	N	N
434	West	0.26	Poor	N	N	Y	Y	Y	N
435	West	0.12	Poor	N	N	Y	Y	N	N
439	West	0.08	Poor	N	N	Y	Y	N	N
440	West	0.07	Poor	N	N	Y	Y	N	N
441	West	0.08	Poor	N	N	Y	Y	N	N
442	West	0.25	Poor	N	N	Y	N	N	N
443	West	0.01	Poor	N	N	Y	Y	N	N
444	West	0.08	Poor	N	N	Y	Y	N	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
445	West	0.04	Poor	N	N	Y	Y	N	N
446	West	0.07	Poor	N	N	Y	Y	Y	N
447	West	0.12	Poor	N	N	Y	Y	N	N
448	West	0.05	Poor	N	N	Y	Y	N	N
449	West	0.39	Poor	N	N	Y	Y	Y	N
456	West	0.27	Moderate	Y	N	Y	N	Y	N
458	West	0.00	Poor	N	N	Y	N	Y	N
464	East	0.29	Moderate	Y	N	Y	Y	Y	N
465	East	0.87	Moderate	Y	N	Y	Y	Y	N
466	East	0.04	Poor	N	N	Y	Y	Y	N
468	East	0.01	Poor	N	N	N	Y	Y	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
469	East	0.64	Moderate	Y	Y	Y	Y	Y	N
470	East	1.84	Moderate	Y	N	Y	Y	Y	Y
471	East	0.22	Moderate	Y	Y	Y	Y	Y	N
472	East	0.47	Moderate	Y	N	Y	Y	Y	N
473	East	1.07	Good	Y	Y	Y	Y	Y	Y
474	East	0.37	Moderate	Y	N	Y	Y	Y	N
475	East	0.39	Moderate	Y	Y	Y	Y	Y	N
476	East	0.22	Moderate	Y	Y	Y	Y	Y	N
477	East	0.51	Moderate	Y	N	Y	Y	Y	N
478	East	0.21	Moderate	Y	N	Y	Y	Y	N
480	East	0.41	Moderate	Y	Y	Y	Y	Y	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
481	East	0.92	Moderate	Y	Y	Y	Y	Y	N
482	East	0.26	Moderate	Y	Y	Y	Y	Y	N
483	East	0.49	Good	Y	Y	Y	Y	Y	Y
484	East	0.06	Good	Y	Y	Y	Y	Y	Y
492	Central	0.21	Poor	N	N	N	Y	N	N
493	Central	0.33	Poor	N	N	N	Y	Y	N
494	Central	0.01	Moderate	Y	Y	Y	Y	Y	N
495	Central	0.14	Moderate	Y	N	Y	Y	Y	N
496	Central	0.15	Moderate	Y	N	Y	Y	Y	N
497	Central	1.44	Good	Y	Y	Y	Y	Y	Y
498	Central	1.90	Moderate	Y	N	Y	Y	Y	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
499	Central	0.30	Moderate	Y	Y	Y	Y	N	N
500	Central	0.18	Poor	Y	N	N	Y	N	N
501	Central	0.45	Moderate	Y	N	Y	Y	Y	N
505	Central	2.31	Moderate	Y	N	Y	Y	Y	Y
514	West	2.04	Moderate	Y	N	Y	Y	Y	N
518	West	1.78	Moderate	Y	N	Y	Y	Y	N
519	West	1.45	Moderate	Y	N	Y	Y	N	N
528	West	0.38	Moderate	Y	N	Y	Y	N	N
535	West	0.12	Moderate	Y	N	Y	Y	N	N
536	West	0.08	Moderate	Y	N	Y	Y	N	N
537	West	0.13	Moderate	Y	N	Y	Y	N	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
538	West	0.05	Moderate	Y	N	Y	Y	Y	N
544	West	0.14	Moderate	Y	N	Y	Y	Y	Y
547	East	0.15	Moderate	Y	Y	Y	Y	Y	N
549	East	0.45	Moderate	Y	Y	Y	Y	Y	N
553	East	0.33	Moderate	Y	N	N	Y	Y	N
554	East	0.27	Moderate	Y	N	Y	Y	Y	N
555	East	0.41	Moderate	Y	N	Y	Y	Y	N
556	East	0.19	Moderate	Y	N	Y	Y	N	N
559	East	0.15	Poor	N	N	N	Y	N	N
561	East	0.14	Moderate	Y	N	Y	Y	N	N
562	East	0.21	Moderate	Y	N	Y	Y	Y	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
565	East	0.13	Moderate	Y	N	Y	Y	Y	N
566	East	0.22	Moderate	Y	N	Y	Y	Y	N
567	East	0.17	Moderate	Y	N	Y	Y	Y	Y
570	East	0.59	Moderate	Y	N	Y	Y	Y	Y
574	West	0.01	Poor	N	N	N	Y	N	N
578	West	0.13	Moderate	Y	N	Y	Y	Y	N
579	West	0.11	Moderate	Y	N	Y	Y	Y	N
587	West	0.48	Moderate	Y	N	Y	Y	N	N
593	Central	0.21	Moderate	Y	N	Y	Y	Y	Y
595	Central	0.37	Moderate	Y	N	Y	Y	Y	Y
596	Central	0.21	Poor	N	N	N	Y	N	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m² (essential for achieving good)
597	Central	0.44	Poor	N	N	N	Y	N	N
598	Central	0.03	Moderate	Y	N	Y	Y	Y	Y
599	Central	0.04	Moderate	Y	N	Y	Y	Y	Y
600	Central	0.15	Moderate	Y	N	Y	Y	Y	Y
601	Central	0.13	Moderate	Y	N	Y	Y	Y	Y
690	West	0.10	Moderate	Y	N	Y	Y	Y	Y
691	West	0.07	Moderate	Y	N	Y	Y	N	N
692	Central	0.09	Poor	N	N	N	Y	N	N
693	West	0.31	Good	Y	Y	Y	Y	Y	Y
694	West	0.13	Moderate	Y	N	Y	Y	Y	N
695	East	0.39	Moderate	Y	N	Y	Y	N	N

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
698	East	0.03	Poor	Y	N	N	Y	N	N
704	East	0.05	Moderate	Y	N	Y	Y	N	Y
705	East	0.02	Poor	N	N	Y	Y	N	N
709	Central	0.00	Poor	N	N	Y	Y	N	N
710	Central	0.18	Good	Y	Y	Y	Y	Y	Y
711	Central	0.06	Moderate	Y	N	Y	Y	Y	Y
712	Central	0.13	Good	Y	Y	Y	Y	Y	Y
734	West	0.07	Moderate	Y	N	Y	Y	Y	N
736	West	0.08	Moderate	Y	N	Y	Y	Y	Y
767	West	1.54	Moderate	Y	N	Y	Y	Y	Y
770	West	0.94	Moderate	Y	N	Y	Y	Y	Y

Polygon ID	Location	Area (Ha)	Other neutral grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
771	West	0.04	Moderate	Y	N	Y	Y	N	N
776	West	0.22	Moderate	Y	N	Y	Y	Y	Y
Total	-	37.6 1	-	-	-	-	-	-	-

Lowland Calcareous Grassland

Polygon ID	Location	Area (Ha)	Lowland calcareous grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
341	West	0.02	Moderate	Y	N	Y	Y	Y	N
384	West	5.24	Moderate	Y	N	Y	Y	Y	Y
411	West	0.42	Moderate	Y	N	Y	Y	N	N
412	West	0.41	Moderate	Y	N	Y	Y	N	N
422	West	0.40	Moderate	Y	N	Y	Y	Y	N
423	West	0.26	Moderate	Y	N	Y	Y	Y	N
424	West	0.45	Moderate	Y	N	Y	Y	Y	N
428	West	0.14	Moderate	Y	N	Y	Y	Y	N
429	West	0.27	Moderate	Y	N	Y	Y	Y	N
436	West	0.70	Moderate	Y	N	Y	Y	Y	N

Polygon ID	Location	Area (Ha)	Lowland calcareous grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
437	West	1.04	Moderate	Y	N	Y	Y	Y	N
457	West	0.33	Moderate	Y	N	Y	Y	Y	N
527	West	0.56	Moderate	Y	N	Y	Y	Y	Y
573	West	0.18	Moderate	Y	N	Y	Y	N	N
575	West	0.28	Moderate	Y	N	Y	Y	N	N
576	West	0.64	Poor	N	N	Y	Y	N	N
765	West	0.62	Moderate	Y	N	Y	Y	N	N
769	West	0.06	Moderate	Y	N	Y	Y	N	N
772	West	0.79	Moderate	Y	N	Y	Y	N	N
788	West	0.34	Moderate	Y	N	Y	Y	N	N
789	West	0.40	Moderate	Y	N	Y	Y	N	N

Polygon ID	Location	Area (Ha)	Lowland calcareous grassland condition	Criteria A: Represent a good example of habitat with high proportion of indicators (essential for achieving good/moderate)	Criteria B: Sward height is varied	Criteria C: Bare ground 1-5%	Criteria D: Bracken <20% and scrub <5%	Criteria E: Sub optimal species cover and damaged ground <5%	Criteria F: >10 species per m ² (essential for achieving good)
790	West	0.70	Moderate	Y	N	Y	Y	N	N
934	West	0.00	Moderate	Y	N	Y	Y	N	N
936	West	0.01	Moderate	Y	N	Y	Y	N	N
Total	-	14.25	-	-	-	-	-	-	-

Mixed Scrub

Polygon ID	Location	Area (Ha)	Mixed scrub condition	Criteria A: The scrub is a good representation of the habitat type.	Criteria B: Seedlings, saplings, young shrubs and mature (or ancient or veteran) shrubs are all present	Criteria C: Invasive non-native plant species absent, sub-optimal species <5%	Criteria D: The scrub has a well-developed edge	Criteria E: There are clearings, glades or rides present within the scrub
130	East	0.00	Moderate	Y	N	Y	Y	N
131	East	0.02	Poor	Y	N	Y	N	N
132	West	0.03	Poor	N	N	Y	N	N
133	West	0.04	Moderate	Y	N	Y	Y	N
426	West	0.00	Moderate	Y	N	Y	Y	N
438	West	0.03	Poor	Y	N	Y	N	N
552	East	0.16	Moderate	Y	Y	Y	Y	N
Total	-	0.28	-	-	-	-	-	-

Ponds (Non-priority Habitat)

Polygon ID	Location	Area (Ha)	Pond condition	Criteria A: The pond is of good water quality, with clear water (low turbidity)	Criteria B: here is semi-natural habitat (moderate distinctiveness or above) surrounding the pond	Criteria C: <10% of the water surface is covered with duckweed or algae	Criteria D: No artificial connection to other waterbodies	Criteria E: Water levels can fluctuate naturally	Criteria F: Invasive non-native plant and animal species absent	Criteria G: Pond is not artificially stocked with fish
140	East	0.01	Moderate	Y	Y	N	Y	Y	Y	Y
148	East	0.01	Poor	Y	N	N	N	N	Y	Y
149	East	0.01	Moderate	Y	Y	Y	N	N	Y	Y
386	West	0.02	Poor	Y	N	N	N	N	Y	Y
950	East	0.04	Moderate	Y	N	Y	N	Y	Y	Y
953	Central	0.01	Good	Y	Y	Y	Y	Y	Y	Y
Total	-	0.1	-	-	-	-	-	-	-	-

Lowland Mixed Deciduous Woodland (LMDW)

Polygon ID	Location	Area (ha)	LMDW condition	Condition Criteria Score													Total woodland condition score
				A - Age distribution	B – Herbivore damage	C - INNS	D – No. native trees	E – Cover of native trees and shrubs	F – Open space	G - Regen	H - Health	I – Ground flora	J - Structure	K – Veteran Trees	L - deadwood	M - Distribution	
359	Central	1.19	Good	3	3	3	3	3	2	3	3	3	3	2	2	2	35
392	West	0.06	Moderate	2	3	3	2	3	1	1	3	2	2	1	1	3	27
730	West	0.22	Good	3	3	3	3	3	1	2	3	3	3	2	2	3	34
Total	-	1.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Other Woodland

Polygon ID	Location	Area (ha)	LMDW condition	Condition Criteria Score													Total woodland condition score
				A - Age distribution	B – Herbivore damage	C - INNS	D – No. native trees	E – Cover of native trees and shrubs	F – Open space	G - Regen	H - Health	I – Ground flora	J - Structure	K – Veteran Trees	L - deadwood	M - Distribution	
343	East	0.09	Poor	1	3	3	1	3	1	1	3	1	1	1	1	3	23
344	East	0.37	Moderate	2	2	3	2	3	1	2	3	2	2	1	1	3	27
347	Central	0.04	Poor	2	3	3	2	3	1	1	3	1	1	1	1	3	25
348	West	0.08	Moderate	2	2	3	2	3	2	2	2	2	2	2	1	3	28
352	West	0.03	Poor	1	3	3	1	1	1	1	3	1	1	1	1	3	21
357	Central	0.12	Moderate	2	2	3	2	3	1	2	3	2	2	2	2	3	29
358	Central	0.15	Moderate	2	3	3	2	3	1	2	3	2	2	1	2	3	29
360	East	0.11	Poor	1	3	3	1	1	1	1	3	1	1	1	1	3	21

Polygon ID	Location	Area (ha)	LMDW condition	Condition Criteria Score													Total woodland condition score
				A - Age distribution	B – Herbivore damage	C - INNS	D – No. native trees	E – Cover of native trees and shrubs	F – Open space	G - Regen	H - Health	I – Ground flora	J - Structure	K – Veteran Trees	L - deadwood	M - Distribution	
363	East	1.23	Moderate	2	2	3	3	3	1	2	3	3	2	2	2	3	31
364	East	0.13	Moderate	2	2	3	2	3	2	2	3	2	2	1	2	3	29
365	East	0.15	Moderate	2	2	3	2	3	1	2	3	2	2	1	1	3	27
368	East	0.07	Moderate	2	2	3	2	3	1	2	2	2	2	1	1	3	26
369	East	0.08	Poor	2	2	3	2	3	1	1	3	2	1	1	1	3	25
370	East	0.10	Moderate	2	2	3	2	3	1	2	3	2	2	1	1	3	27
372	West	0.12	Moderate	2	2	3	2	3	1	2	3	2	2	1	2	3	28
390	West	0.57	Moderate	2	2	3	3	3	1	2	2	2	2	1	1	3	27
391	West	0.10	Moderate	2	3	3	2	3	2	2	3	2	2	1	1	3	29

Polygon ID	Location	Area (ha)	LMDW condition	Condition Criteria Score													Total woodland condition score
				A - Age distribution	B – Herbivore damage	C - INNS	D – No. native trees	E – Cover of native trees and shrubs	F – Open space	G - Regen	H - Health	I – Ground flora	J - Structure	K – Veteran Trees	L - deadwood	M - Distribution	
405	West	0.28	Poor	1	3	3	2	3	2	1	2	1	1	2	1	3	25
548	East	0.14	Moderate	2	3	3	1	3	1	2	3	1	2	2	1	3	27
550	East	0.52	Moderate	2	2	3	2	3	2	2	3	2	2	1	2	3	29
551	East	2.58	Moderate	2	3	3	2	3	3	2	3	2	2	1	1	3	30
952	Central	0.19	Moderate	2	3	3	2	2	3	2	3	1	2	1	1	2	27
Total	-	7.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Native hedgerow

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
2	West	0.16	Poor	N	N	Y	Y	N	N	Y	N	3
3	West	0.16	Poor	N	N	Y	Y	N	N	Y	N	3
10	West	0.01	Poor	N	N	N	N	N	Y	Y	N	2
11	West	0.22	Poor	N	N	Y	Y	N	N	Y	N	3
12	West	0.19	Poor	N	N	Y	Y	N	N	Y	N	3
20	West	0.50	Poor	N	N	Y	N	N	N	Y	N	2
21	West	0.01	Poor	N	N	N	N	N	N	Y	N	1
22	West	0.28	Poor	N	N	Y	Y	N	N	N	N	2
26	West	0.55	Moderate	N	Y	Y	Y	Y	N	Y	N	5
28	West	0.31	Moderate	N	Y	N	Y	Y	N	Y	N	4

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
30	West	0.30	Moderate	N	Y	Y	Y	N	N	Y	N	4
31	West	0.33	Poor	N	N	N	Y	N	N	Y	N	2
34	West	0.15	Moderate	N	Y	Y	Y	N	N	Y	N	4
41	West	0.45	Moderate	N	N	Y	Y	Y	N	Y	N	4
83	West	0.19	Good	Y	Y	N	Y	Y	N	Y	Y	6
86	Central	0.38	Moderate	Y	Y	Y	Y	N	N	Y	N	5
87	Central	0.27	Moderate	Y	Y	Y	Y	N	N	Y	N	5
88	Central	0.25	Moderate	Y	Y	Y	N	Y	N	Y	N	5
89	West	0.24	Moderate	Y	Y	Y	N	Y	N	Y	N	5
92	Central	0.41	Moderate	N	Y	Y	Y	N	N	Y	N	4
96	West	0.40	Moderate	N	Y	Y	Y	Y	N	Y	N	5

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
97	West	0.51	Moderate	N	Y	Y	Y	Y	N	Y	N	5
99	West	0.28	Poor	N	N	Y	Y	N	N	Y	N	3
100	West	0.02	Poor	N	N	Y	Y	N	N	Y	N	3
101	West	0.40	Poor	N	N	N	N	Y	N	Y	N	2
106	East	0.23	Good	Y	Y	Y	Y	Y	N	Y	Y	7
107	East	0.17	Good	Y	Y	Y	Y	Y	N	Y	Y	7
108	West	0.05	Poor	N	N	Y	Y	N	N	Y	N	3
109	West	0.06	Moderate	N	Y	N	Y	Y	N	Y	N	4
110	West	0.30	Moderate	N	Y	Y	Y	Y	N	Y	N	5
111	West	0.19	Moderate	Y	Y	Y	N	Y	N	Y	N	5
114	Central	0.40	Good	Y	Y	Y	Y	Y	N	Y	N	6

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
116	Central	0.19	Moderate	N	Y	Y	Y	Y	N	Y	N	5
117	Central	0.23	Moderate	N	Y	Y	N	Y	N	Y	N	4
118	Central	0.15	Poor	N	N	Y	N	N	N	Y	N	2
119	Central	0.46	Good	Y	Y	Y	Y	Y	N	Y	N	6
120	East	0.12	Good	Y	Y	Y	Y	Y	N	Y	N	6
123	Central	1.45	Poor	N	N	Y	Y	N	N	Y	N	3
124	Central	0.21	Good	Y	Y	Y	Y	Y	N	Y	N	6
127	Central	0.11	Moderate	N	Y	Y	N	Y	N	Y	N	4
128	East	0.22	Good	Y	Y	Y	Y	Y	N	Y	Y	7
129	Central	0.33	Good	Y	Y	Y	Y	Y	N	Y	Y	7
131	West	0.24	Poor	N	N	N	Y	Y	N	Y	N	3

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
132	West	0.30	Good	Y	Y	Y	Y	Y	N	Y	Y	7
133	West	0.26	Good	Y	Y	Y	Y	Y	N	Y	Y	7
134	West	0.82	Good	N	Y	Y	Y	Y	N	Y	Y	6
135	West	0.54	Moderate	N	Y	Y	Y	Y	N	Y	N	5
136	West	0.13	Moderate	N	N	Y	Y	Y	N	Y	N	4
137	West	0.05	Poor	N	N	N	Y	Y	N	Y	N	3
139	West	0.56	Good	Y	Y	Y	Y	Y	N	Y	Y	7
140	West	0.65	Good	Y	Y	N	Y	Y	N	Y	Y	6
142	West	0.27	Good	Y	Y	Y	Y	Y	N	Y	N	6
143	West	0.12	Good	Y	Y	Y	Y	Y	N	Y	N	6
144	West	0.96	Poor	N	N	Y	N	N	N	Y	N	2

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
145	West	0.30	Moderate	N	Y	Y	Y	N	N	Y	N	4
148	West	0.47	Poor	N	N	N	Y	Y	N	Y	N	3
149	West	0.24	Moderate	Y	Y	N	Y	N	N	Y	Y	5
153	Central	0.21	Moderate	Y	N	Y	N	N	N	Y	Y	4
161	East	0.19	Good	Y	Y	Y	Y	Y	N	Y	N	6
162	East	0.04	Moderate	Y	Y	Y	Y	N	N	Y	N	5
169	Central	0.19	Good	Y	Y	Y	Y	Y	N	Y	Y	7
171	West	0.17	Moderate	Y	Y	Y	Y	N	N	Y	N	5
174	West	0.91	Poor	N	N	Y	Y	N	N	Y	N	3
194	Central	0.15	Good	Y	Y	Y	Y	Y	N	Y	Y	7
202	Central	0.29	Good	Y	Y	Y	Y	Y	N	Y	Y	7

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
224	Central	0.19	Poor	N	N	Y	Y	N	N	Y	N	3
225	Central	0.06	Moderate	N	N	Y	Y	Y	N	Y	N	4
234	West	0.21	Moderate	Y	Y	Y	Y	N	N	Y	Y	6
248	West	0.55	Moderate	N	Y	Y	Y	Y	N	Y	N	5
249	West	0.31	Moderate	N	N	Y	Y	Y	N	Y	N	4
251	West	0.33	Poor	N	N	Y	Y	N	N	Y	N	3
310	West	0.57	Poor	N	N	N	N	N	N	Y	N	1
316	East	0.02	Moderate	Y	Y	Y	Y	N	N	Y	Y	6
320	East	0.33	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
324	East	0.10	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
329	East	0.22	Good	Y	Y	Y	Y	Y	Y	Y	Y	8

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
338	East	0.04	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
343	Central	0.08	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
344	Central	0.13	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
347	Central	0.09	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
348	Central	0.45	Moderate	N	Y	Y	Y	N	Y	Y	N	5
349	Central	0.28	Moderate	N	Y	Y	Y	N	Y	Y	N	5
352	West	0.02	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
354	West	0.18	Good	Y	Y	N	Y	Y	Y	Y	Y	7
359	East	0.07	Good	Y	Y	Y	Y	Y	Y	Y	Y	8
Total	-	24.11	-	-	-	-	-	-	-	-	-	-

Native hedgerow - associated with a bank or ditch

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	Total hedgerow condition score
91	East	0.18	Good	Y	Y	Y	Y	Y	N	Y	Y	7
160	East	0.38	Good	Y	Y	Y	Y	Y	N	Y	Y	7
164	Central	0.27	Moderate	Y	Y	Y	Y	N	N	Y	N	5
313	Central	0.54	Good	Y	Y	Y	Y	Y	N	Y	N	6
Total	-	1.37	-	-	-	-	-	-	-	-	-	-

Native hedgerow with trees

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
4	West	0.76	Poor	N	N	Y	Y	N	N	Y	Y	N	N	4
5	West	0.67	Moderate	N	N	Y	Y	Y	N	Y	N	Y	N	5
6	West	0.17	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
7	West	0.26	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
8	West	0.28	Moderate	Y	Y	Y	Y	N	N	Y	N	Y	Y	7
9	West	0.74	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
14	West	0.23	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
15	West	0.02	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
35	West	0.26	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
39	West	0.33	Good	Y	Y	Y	Y	Y	N	Y	N	N	Y	7

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
49	West	0.70	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
52	West	0.52	Good	Y	Y	Y	N	Y	N	Y	Y	Y	Y	8
85	Central	0.26	Good	N	Y	Y	Y	Y	N	Y	Y	Y	Y	8
115	Central	0.15	Good	Y	Y	Y	Y	Y	N	Y	N	N	Y	7
138	West	0.16	Moderate	N	N	Y	Y	N	N	Y	N	N	N	3
147	West	0.48	Poor	N	N	Y	Y	N	N	Y	N	N	Y	4
156	East	0.30	Good	Y	Y	Y	Y	Y	N	Y	Y	N	Y	8
166	East	0.59	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
167	West	1.07	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
168	East	0.59	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
170	West	0.79	Moderate	Y	N	Y	Y	N	N	Y	N	N	Y	5

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
172	West	1.13	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
173	West	0.44	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
175	West	0.27	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
176	East	0.58	Moderate	Y	Y	Y	Y	N	N	Y	N	Y	Y	7
179	East	0.27	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
185	East	0.13	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
186	East	0.45	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
188	East	0.51	Moderate	N	Y	Y	Y	N	N	Y	N	Y	Y	6
190	East	0.20	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
203	Central	0.37	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
204	Central	0.17	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
205	Central	0.25	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
207	Central	0.54	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
208	Central	0.30	Moderate	Y	Y	Y	Y	N	N	Y	N	Y	Y	7
209	East	0.33	Good	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	9
210	East	0.20	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
211	East	0.49	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
214	Central	0.37	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
215	East	0.11	Moderate	N	Y	Y	Y	N	N	Y	Y	Y	Y	7
216	East	0.18	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
217	East	0.56	Good	Y	Y	Y	Y	N	Y	Y	N	Y	Y	8
218	East	0.38	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
222	West	0.68	Poor	N	N	Y	N	Y	N	Y	N	Y	Y	5
232	East	0.53	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
235	East	0.39	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
238	Central	0.14	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
239	East	0.26	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
240	East	0.34	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
245	West	0.70	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
246	West	0.64	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
247	West	0.52	Moderate	N	N	Y	Y	Y	N	Y	N	Y	Y	6
250	West	0.30	Poor	N	N	Y	N	N	N	Y	N	Y	Y	4
254	West	0.26	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
256	West	0.33	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
308	West	0.58	Poor	Y	Y	Y	Y	N	N	N	N	Y	Y	6
309	West	0.58	Moderate	Y	Y	Y	Y	N	N	N	Y	N	Y	6
311	East	0.44	Moderate	Y	Y	Y	Y	N	N	Y	N	Y	Y	7
312	East	0.66	Poor	N	N	Y	Y	N	N	Y	N	Y	Y	5
314	East	0.44	Moderate	Y	Y	Y	Y	N	N	Y	Y	Y	Y	8
315	East	0.53	Moderate	Y	N	Y	Y	N	N	Y	N	Y	Y	6
318	East	0.31	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
321	East	0.28	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
325	East	0.29	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
326	East	0.15	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
327	East	0.52	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
328	East	0.28	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
330	East	0.30	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
331	East	0.97	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
332	East	0.97	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
333	East	0.20	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
334	East	0.10	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
335	East	0.09	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
336	East	0.08	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
337	East	0.28	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
339	Central	0.05	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
341	East	0.09	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
342	East	0.04	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
345	Central	0.22	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
346	Central	0.12	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
350	West	0.23	Moderate	Y	Y	N	N	Y	N	Y	Y	Y	Y	7
351	West	0.15	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
353	West	0.12	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
357	East	0.42	Good	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	9
358	East	0.28	Good	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	9
Total	-	32.4	-	-	-	-	-	-	-	-	-	-	-	-

Native hedgerow with trees – associated with a bank or ditch

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
112	East	0.31	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
192	Central	0.73	Moderate	Y	Y	Y	Y	N	N	Y	N	Y	Y	7
193	Central	0.48	Moderate	Y	Y	Y	N	Y	N	Y	N	Y	Y	7
201	Central	0.37	Good	Y	Y	Y	Y	Y	N	Y	N	Y	Y	8
228	East	0.27	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
229	East	0.28	Moderate	Y	Y	Y	Y	Y	N	Y	Y	Y	N	8
241	East	0.32	Good	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	9
319	East	0.27	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
322	East	0.52	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10
323	East	0.36	Good	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
Total	-	3.91	-	-	-	-	-	-	-	-	-	-	-	-

Species-rich native hedgerow with trees

Line ID	Location	Length (Km)	Hedgerow condition	A1: Height >1.5m	A2: Width >1.5m	B1: Gap – hedge base <0.5m	B2: Gaps <10% of length	C1: >1m undisturbed ground	C2: Nutrient enriched veg <20%	D1: INNS <10%	D2: <10% damage	E1: >1 tree age class	E2: 95% trees healthy	Total hedgerow condition score
154	East	0.08	Moderate	Y	Y	Y	Y	N	N	Y	Y	N	Y	7
Total	-	0.08	-	-	-	-	-	-	-	-	-	-	-	-

Line of trees

Line ID	Location	Length (Km)	Line of trees condition	Criteria A: At least 70% trees native	Criteria B: Canopy is predominately continuous	Criteria C: >1 tree has veteran features	Criteria D: Undisturbed vegetation 6m on both sides	Criteria E: 95% of trees in healthy condition
24	West	0.02	Moderate	Y	Y	N	N	Y
33	West	0.15	Moderate	Y	Y	Y	N	Y
Total	-	0.17	-	-	-	-	-	-

Ecologically valuable line of trees

Line ID	Location	Length (Km)	Line of trees condition	Criteria A: At least 70% trees native	Criteria B: Canopy is predominately continuous	Criteria C: >1 tree has veteran features	Criteria D: Undisturbed vegetation 6m on both sides	Criteria E: 95% of trees in healthy condition
1	West	0.04	Moderate	Y	Y	Y	N	Y
36	West	0.22	Moderate	Y	N	Y	N	Y
307	East	0.11	Moderate	Y	Y	Y	N	Y
Total	-	0.37	-	-	-	-	-	-

Ditches

Line ID	Location	Length (Km)	Ditch condition	Criteria A: Good water quality	Criteria B: >10 plant species present	Criteria C: <10% cover of algae or Duckweed	Criteria D: >75% aquatic marginal vegetation	Criteria E: <5% physical damage	Criteria F: Sufficient water level	Criteria G: <10% ditch heavily shaded	Criteria F: No INNS
38	West	0.01	Poor	Y	N	Y	N	Y	N	Y	Y
42	West	0.06	Poor	Y	N	Y	N	Y	Y	N	Y
282	East	0.24	Poor	N	N	N	N	Y	N	Y	Y
Total	-	0.3	-	-	-	-	-	-	-	-	-

BNG Metric Calculations



Springwell Solar Farm

Return to results menu

Headline Results

Scroll down for final results ▲

On-site baseline	Habitat units	3059.81	
	Hedgerow units	548.42	
	Watercourse units	18.96	
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	4028.67	
	Hedgerow units	661.83	
	Watercourse units	18.96	
On-site net change <small>(units & percentage)</small>	Habitat units	968.87	31.66%
	Hedgerow units	113.41	20.68%
	Watercourse units	0.00	0.00%

On-site net gain is less than target set ▲

Off-site baseline	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change <small>(units & percentage)</small>	Habitat units	0.00	0.00%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%

Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	968.87	
	Hedgerow units	113.41	
	Watercourse units	0.00	
Spatial risk multiplier (SRM) deductions	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	

FINAL RESULTS

Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	968.87	
	Hedgerow units	113.41	
	Watercourse units	0.00	
Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	31.66%	
	Hedgerow units	20.68%	
	Watercourse units	0.00%	

Total net gain achieved is less than target set ▲

Trading rules satisfied? No - Check Trading Summaries ▲

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	3059.81	3365.79	0.00
Hedgerow units	10.00%	548.42	603.26	0.00
Watercourse units	10.00%	18.96	20.85	1.90

No additional area habitat units required to meet target ✓

No additional hedgerow units required to meet target ✓

Input errors/rule breaks present in metric ▲

Return to results menu

Trading summary area habitats

Trading summary watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Some habitat required =	Yes ✓
High	Like for like or better	No ✗
Medium	Some distinctiveness or better habitat required	Yes ✓
Low	Some distinctiveness or better habitat required	Yes ✓
Very Low	Some distinctiveness or better habitat required	Yes ✓

Very High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining habitat like for like not satisfied	0.00

High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	18.15	0.00	18.15 ✓
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	-0.15	0.00	-0.15 ✗
	18.00	0.00	18.00

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	18.15	✓
High Distinctiveness losses to be offset by trading up	-0.21	✗
High Distinctiveness surplus units minus any high distinctiveness deficit	-0.21	✗

Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	106.47	0.00	106.47 ✓
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	-0.20	0.00	-0.20 ✗
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	101.48	0.00	101.48

Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	106.15	✓
Medium Distinctiveness net change in units	101.48	✓
Cumulative availability of units	117.07	✓

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	-3.99	0.00	-3.99 ✗
Line of trees	-0.00	0.00	-0.00
Line of trees - associated with bank or ditch	-0.00	0.00	-0.00
	-3.99	0.00	-3.99

Low Distinctiveness Summary

Low Distinctiveness net change in units	-3.99	✗
Cumulative availability of units	113.08	✓

Very Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
New native and ornamental hedgerow	0.00	0.00	0.00
	0.00	0.00	0.00

Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	0.00	
Cumulative availability of units	113.08	✓

Return to results menu

Trading summary area habitats

Trading summary hedgerows

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required - bespoke compensation option A	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses: Like for like not satisfied	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses: Like for like not satisfied	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses: Like for like not satisfied	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Project Name: Springwell Solar Farm Map Reference:
A-1 On-Site Habitat Baseline

Area habitat summary	
Total Net Unit Change	848.87
Total Net % Change	31.09%
Tracting Rules Satisfied	Yes ✓

Condense / Show Columns Condense / Show Rows

Main Menu

Ref	Existing area habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Tracting Rules	Ecological baseline	Ecological baseline						Bespoke compensation agreed for losses of VQEM or irreplaceable habitat	Comments								
	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)						Distinctiveness	Condition	Strategic significance	Area retained	Area enhanced	Baseline units retained		Baseline units enhanced	Area habitat lost	Units lost	User comments	Planning authority comments	Habitat reference number			
1	Cropland	Cereal crops	No	147.54	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	295.08	33.6		67.20	0.00	113.94	227.88				East Area Field No.s By11, By10, By03, By24, L677, L678, L679, C7, C9, L655, M401, M403, By27, (Polygon IDs 219, 220, 221, 222, 223, 232, 233, 234, 235, 236, 237, 238, 245, 246, 248)				97.91 ha lost to Solar Areas, 16.04 ha lost to CI areas, 33.6 ha retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
2	Cropland	Non-cereal crops	No	42.19	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	84.38	16.23		32.46	0.00	25.96	51.92				East Area Field No.s By25, L674, L673 (Polygon IDs 227, 228, 229)				21.88 ha lost to solar areas, 4.08 ha lost to CI areas, 16.23 ha retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
3	Cropland	Temporary grass and clover leys	No	15.95	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	31.90	15.95		31.90	0.00	0.00	0.00				East Area Field No.s M404, M403 (Polygon ID 250)				Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
4	Cropland	Winter stubble	No	12.59	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	25.18	12.59		25.18	0.00	0.00	0.00				East Area Field No. By18 (Polygon ID 951)				Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
5	Grassland	Modified grassland	No	1.9	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	11.40	0.04		0.24	0.00	1.86	11.16				East Area No Field No. (Polygon IDs 726 and 737)				1.86 ha lost to Community Growing area, 0.04 ha retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
6	Grassland	Modified grassland	No	0.04	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.16	0.04		0.16	0.00	0.00	0.00				East Area No Field No. Polygon ID 564				Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
7	Grassland	Modified grassland	No	7.6	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	15.20			7.6	0.00	15.20	0.00	0.00			East Area Field Nos. C6 and By20 (Polygon IDs 325 and 326)				Enhanced to primary mitigation neutral grassland Low strategic significance due to habitat/area not included in local plan		
8	Grassland	Modified grassland	No	9.77	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	19.54	9.77		0.00	19.54	0.00	0.00				East Area Field No. By03, By04, By22, C6, C8, L611 (Polygon IDs 286, 320, 321, 322, 325, 326, 327, 328, 329, 335)				Enhanced to CI flower-rich neutral grassland margin Low strategic significance due to habitat/area not included in local plan		
9	Grassland	Modified grassland	No	52.02	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	104.04			52.02	0.00	104.04	0.00	0.00			East Area Field No. By03, By04, By22, C6, C8, L611 (Polygon IDs 300, 321, 322, 326, 328, 329)				Enhanced to solar legume-rich modified grassland Low strategic significance due to habitat/area not included in local plan		
10	Grassland	Modified grassland	No	7.45	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	14.92	7.45			14.92	0.00	0.00	0.00			East Area Field No. M405 (Polygon IDs 286, 320, 321, 322, 326, 328, 329)				Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan		
11	Grassland	Other neutral grassland	No	1.62	Medium	Good	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	22.36	1.62		22.36	0.00	0.00	0.00				East Area Field No. By22 = Non labelled fields (Polygon IDs 473, 483, 484)				1.6 ha margins retained in CI areas/around community grow area and outside CI parameters High strategic significance due to permanent grassy margins included in LRAP as key habitat		
12	Grassland	Other neutral grassland	No	12.22	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	112.42	12.12	0.04	111.50	0.37	0.06	0.55				East Area Field No.s By22, By03, By10, By11, By24, By23, By27, L673, L676, L678, M401, L677, M402, C7, L676, C9, M408, M404, M403, C6 (Polygon ID's 288,290,336,337,484,485,489,470,471,472,474,475,476,477,478,480,481,482,547,549,553,554,555,556,561,562, 565,566,567,570,695,704)				0.06 ha lost to solar areas, 0.04 ha enhanced to primary mitigation neutral grassland (C6), 7.98 ha retained within CI areas, 4.13 retained outside CI parameters High strategic significance due to permanent grassy margins included in LRAP as key habitat		
13	Grassland	Other neutral grassland	No	0.28	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	1.20	0.15	0.11	0.09	0.51	0.00	0.00				East Area Field Nos. By03, C7, C9 (Polygon IDs 446, 465, 468, 559, 698, 709)				0.11 ha enhanced in CI areas, 0.15 ha retained outside CI parameters High strategic significance due to permanent grassy margins included in LRAP as key habitat		
14	Heathland and shrub	Mixed scrub	No	0.16	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	1.41	0.16		1.41	0.00	0.00	0.00				East Area Field No.s By18, By27 (Polygon ID 552)				Retained within CI areas and outside CI parameters Medium strategic significance. Habitat not included in local plan however considered ecologically desirable.		

16	Heathland and shrub	Mixed scrub	No	0.02	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	0.09	0.02	0.09	0.00	0.00	0.00	0.00	East Area Field No. By10 (Polygon ID 131) Retained within solar areas Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
16	Lakes	Ponds (non-priority habitat)	No	0.06	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	0.55	0.06	0.55	0.00	0.00	0.00	0.00	East Area Field No.s By10, LfA, By18, By24 (Polygon IDs 140,149,950) Retained within solar area (By10), CI areas (LfA) and outside CI parameters (By18, By24) High strategic significance due to inclusion of ponds as key habitats within Lancashire RAP
17	Lakes	Ponds (non-priority habitat)	No	0.02	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	0.09	0.02	0.09	0.00	0.00	0.00	0.00	East Area Field No. By23 (Polygon ID 146) Retained within CI areas High strategic significance due to inclusion of ponds as key habitats within Lancashire RAP
18	Urban	Artificial unvegetated, unsealed surface	No	1.54	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00	1	0.00	0.00	0.54	0.00	0.00	East Area Field No.s By03, Lf07, Lf05, Mf01, Mf02 (Polygon IDs 786, 789) 0.54 ha lost to solar and CI areas (By03), 1 ha retained in CI area and outside CI parameters Low strategic significance due to habitat/area not included in local plan
19	Urban	Developed land, sealed surface	No	5.12	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00	5.12	0.00	0.00	0.00	0.00	0.00	East Area Field No.s By03, By04, By10, By23, By24, By20, By26, Lf04, Lf03 + unassigned (Polygon IDs 157,158,159,166,167,168,173,185,787) 2.91 ha retained within CI areas, 2.21 ha retained outside CI parameters Low strategic significance due to habitat/area not included in local plan
20	Urban	Vegetated garden	No	0.02	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.04	0.02	0.04	0.00	0.00	0.00	0.00	East Area No Field No. (Polygon ID 487) Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan
21	Woodland and forest	Other woodland, broadleaved	No	0.45	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	3.96	0.45	3.96	0.00	0.00	0.00	0.00	East Area Field No.s By10, By03, By23, By24 + unassigned (Polygon IDs 365, 368, 370, 548) Retained within CI areas and outside CI parameters Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
22	Woodland and forest	Other woodland, broadleaved	No	0.18	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	0.79	0.18	0.79	0.00	0.00	0.00	0.00	East Area Field No.s By11, By10 (Polygon ID's 343, 389) Retained within CI areas Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
23	Woodland and forest	Other woodland, mixed	No	4.84	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	42.59	4.84	42.59	0.00	0.00	0.00	0.00	East Area Field No.s By10, By03, By20, By28, Lf04, Lf11, By04, By21, Ck, Ck (Polygon IDs 344, 353, 354, 550, 551) Retained within CI areas and outside CI parameters Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
24	Woodland and forest	Other woodland, mixed	No	0.11	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	0.48	0.11	0.48	0.00	0.00	0.00	0.00	East Area Field No.s Mf02 and unassigned (Polygon ID 380) Retained within CI areas and outside CI parameters Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
25																
25																
27	Cropland	Cereal crops	No	70.09	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	140.18	29.62	69.24	0.00	40.47	80.94	0.00	Central Area Field No.s Bcd079, Bk04, Bk02, Bk03, Bk15, Bk09, Bk11, Bw12, Bcd097 (Polygon IDs 239,240,243,244,254,255,256,260,264,291) 13.62 ha lost to primary mitigation calcareous grassland 22.6 ha lost to solar areas, 4.22 lost to CI areas, 0.03 ha lost to tree belts, 29.42 ha retained outside CI parameters Low strategic significance due to habitat/area not included in local plan
28	Cropland	Non-cereal crops	No	14.17	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	28.34		0.00	0.00	14.17	28.34	0.00	Central Area Field No. Bk10 (Polygon ID 261) 12.6 ha lost to solar areas, 0.93 ha lost to tree belts, 0.74 ha lost to CI areas Low strategic significance due to habitat/area not included in local plan
29	Cropland	Temporary grass and clover leys	No	78.31	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	156.62	37.83	75.66	0.00	40.48	80.96	0.00	Central Area Field No.s Bw02, Bcd065, Bcd098, Bk09, Bk05, Bw01, Bcd098, Bcd096 (Polygon IDs 242, 251, 252, 253, 257, 262, 263, 268, 269) 34.96 ha lost to solar areas, 5.52 ha lost to CI areas, 37.83 ha retained outside CI parameters
30	Grassland	Modified grassland	No	7.2	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	43.20		0.00	0.00	7.20	43.20	0.00	Central Area Field No. Bk07 (Polygon ID 292) 6.81 ha lost to primary mitigation calcareous grassland (due to reduction in condition despite increase in habitat distinctiveness), 0.39 ha lost to tree belts Low strategic significance due to habitat/area not included in local plan
31	Grassland	Modified grassland	No	3.39	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	6.78	3.39	0.00	6.78	0.00	0.00	0.00	Central Area Field No. Bk06 (Polygon ID 293) Enhanced to primary mitigation calcareous grassland Low strategic significance due to habitat/area not included in local plan
32	Grassland	Modified grassland	No	2.93	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	5.86	2.93	0.00	5.86	0.00	0.00	0.00	Central Area Field No. Bk06 (Polygon ID 293) Enhanced to solar leys-rich modified grassland Low strategic significance due to habitat/area not included in local plan

33	Grassland	Modified grassland	No	1.03	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	2.06	1.03	0.00	2.06	0.00	0.00	Central Area Field No.s Bk05, Bk03, Bc006 + unassigned (Polygon IDs 283, 294, 342, 569) Enhanced to CI rough grassland margin Low strategic significance due to habitat/area not included in local plan.	
34	Grassland	Modified grassland	No	14.25	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	28.50	14.25	28.50	0.00	0.00	0.00	Central Area Field No.s B1, Bc118, Bc009 + unassigned (Polygon IDs 285, 342, 485, 568, 589, 598, 599, 590, 591, 592, 594) Retained outside CI parameters Low strategic significance due to habitat/area not included in local plan.	
35	Grassland	Other neutral grassland	No	1.75	Medium	Good	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	24.15	0.59	8.14	0.00	1.16	16.01	Central Area Field No.s Bc15, Bk05 + unassigned (Polygon IDs 497, 710, 712) 1.12 ha lost to primary mitigation calcareous grassland, 0.03 ha lost to solar PV module area, 0.28 ha retained in CI area, 0.31 retained outside CI parameters High strategic significance due to permanent grassy margins included in LMAP as key habitat.	
36	Grassland	Other neutral grassland	No	6.25	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	57.50	5.51	50.69	0.00	0.74	6.81	Central Area Field No.s Bk03, Bk10, Bk05, Rw02, Rw12, Bc008, Bc006, Bc03 + unassigned (Polygon ID 494,495,496,498,499,501,505,593,598,599,600,601, 711) 0.17 ha lost to solar pv areas, 0.57 ha lost to tree belts, 2.45 ha retained in CI areas, 3.08 ha retained outside CI parameters. High strategic significance due to permanent grassy margins included in LMAP as key habitat.	
37	Grassland	Other neutral grassland	No	1.47	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	6.76	0.1	1.17	0.46	5.38	0.20	0.92	Central Area Field No.s Bc006, Bk05, Rw02, Bk15, Bk08 (Polygon ID 492,493,500,596,597,692,709) 1.17 ha enhanced to flower rich neutral grassland margin, 0.1 ha lost to solar pv module area, 0.2 retained outside of CI parameters. High strategic significance due to permanent grassy margins included in LMAP as key habitat.
38	Lakes	Ponds (non-priority habitat)	No	0.01	Medium	Good	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	0.14	0.01	0.14	0.00	0.00	0.00	Central Area Field No. Bk07 (Polygon ID 953) Retained in CI areas. High strategic significance due to inclusion of ponds as key habitats within Lancothuse RAP.	
39	Urban	Developed land, sealed surface	No	4.16	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required.	0.00	4.16	0.00	0.00	0.00	0.00	Central Area Field No.s unassigned (Polygon ID 152,153,154,169,170,171,174,176,177,178,707,784) Retained in solar pv module, primary mitigation, CI areas and outside CI parameters. Low strategic significance due to habitat/area not included in local plan.	
40	Woodland and forest	Lowland mixed deciduous woodland	No	1.19	High	Good	Formally identified in local strategy	Same habitat required =	24.63	1.19	24.63	0.00	0.00	0.00	Central Area Field No. B1 (Polygon ID 358) Retained outside CI parameters. High strategic significance due to inclusion of LMEW as key habitat in LMAP.	
41	Woodland and forest	Other woodland, broadleaved	No	0.47	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	4.14	0.47	4.14	0.00	0.00	0.00	Central Area Field No.s Bk07, Bk10 + unassigned (Polygon ID 357, 358, 952) Retained within tree belt and CI areas. Medium strategic significance. Habitat not included in local plan however considered ecologically desirable.	
42	Woodland and forest	Other woodland, broadleaved	No	0.04	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	0.18	0.04	0.18	0.00	0.00	0.00	Central Area Field No. Bk02 (Polygon ID 347) Retained within CI areas. Medium strategic significance. Habitat not included in local plan however considered ecologically desirable.	
43																
44																
45	Cropland	Cereal crops	No	215.42	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	430.84	42.16	84.32	0.00	173.26	348.52	West Area Bed129, Bed128, Bed123, Tb2, Bc008,Tb2, E2,W1, E1, Bc004, Bc003 and National Grid Navenby Substation (Polygon IDs 273,275,276,282,283,284,375,377,378,380,404,406,408, 483) 39.12 ha lost to primary mitigation calcareous grassland, 81.66 ha lost to solar PV module areas, 46.87 ha lost to CI areas, 5.6 ha lost to tree belt areas, 42.16 ha retained outside CI parameters. Low strategic significance due to habitat/area not included in local plan.	
46	Cropland	Non-cereal crops	No	63.65	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	127.30	44.12	88.24	0.00	19.53	39.06	West Area Field No.s Bc0108, Bc007E, Bc0042, Bc0032, Bc0031, Bc0038 (Polygon ID 277,407,416,417,418,421) 9.7 ha lost to primary mitigation calcareous grassland, 6.75 ha lost to solar PV module areas, 1.07 ha lost to CI areas, 44.12 ha retained outside CI parameters. Low strategic significance due to habitat/area not included in local plan.	
47	Cropland	Arable field margins pollen and nectar	No	0.91	Medium	Condition Assessment N/A	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	4.19	0.42	1.93	0.00	0.49	2.25	West Area Field No.s Bc0115, Bc0128, Bc0118 (Polygon ID 274) 0.2 ha lost to primary mitigation calcareous grassland, 0.02 lost to solar PV module areas, 0.27 ha lost to tree belt areas, 0.42 retained within CI areas. High strategic significance due to arable field margins included in LMAP as key habitat.	
48	Cropland	Temporary grass and clover leys	No	81.77	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	163.54	57.44	114.88	0.00	24.33	48.66	West Area Field No.s Bc0084, Bc0106, Bc0138, Bc0118, Bc0043, Bc0031, Bc0027 (Polygon ID 270,271,272,281,415,419,420) 2.19 ha lost to primary mitigation calcareous grassland creation, 18.43 ha lost to solar PV module areas, 2.96 ha lost to CI areas, 1.14 ha lost to tree belt areas, 57.44 ha retained outside CI parameters. Low strategic significance due to habitat/area not included in local plan.	

49	Grassland	Modified grassland	No	47.82	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	95.64	47.82	0.00	95.64	0.00	0.00	West Area Field No.s Th3, Th4, Th5, Bcd127, Bcd114, Bcd106, Bcd107, Bcd115, Bcd140, Bcd141 (Polygon ID 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310) Enhanced to primary mitigation calcareous grassland. Low strategic significance due to habitat/area not included in local plan.
80	Grassland	Modified grassland	No	239.3	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	478.60	239.3	0.00	478.60	0.00	0.00	West Area Field No.s Bcd063, Bcd096, Bcd097, Bcd094, Bcd095, Bcd102, Bcd099, Bcd105, Bcd107, Bcd114, Bcd127, Bcd115, Th3, Th4, Th5, Bcd139 (Polygon ID 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 316, 318, 319) Enhanced to solar leger-rich modified grassland. Low strategic significance due to habitat/area not included in local plan.
81	Grassland	Modified grassland	No	11.99	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	23.98	11.99	0.00	23.98	0.00	0.00	West Area Field No.s Bcd099, Bcd107, Bcd115, Bcd141, Bcd140, Bcd139, Bcd127, Bcd114, Bcd106, Th4, Th3, Th5 (Polygon ID 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310) Enhanced to flower-rich neutral grassland margin. Low strategic significance due to habitat/area not included in local plan.
88	Grassland	Modified grassland	No	12.75	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	25.50	12.75	0.00	25.50	0.00	0.00	West Area Field No.s Bcd102, Bcd096, Bcd094, Bcd082, Bcd097, Bcd098, Bcd093 + unassigned (Polygon ID 311, 312, 313, 314, 315, 316, 318, 319) Enhanced to rough grass margin. Low strategic significance due to habitat/area not included in local plan.
83	Grassland	Modified grassland	No	33.83	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	67.86	29.63	69.26	0.00	4.30	8.60	West Area Field No.s Bcd082, Bcd094, Bcd098, Bcd102, Bcd106, Bcd139 (Polygon ID 299, 302, 304, 305, 307, 308, 310, 311, 312, 313, 314, 319, 577) 4.3 ha lost to tree belt area, 29.63 ha retained outside CI parameters. Low strategic significance due to habitat/area not included in local plan.
84	Grassland	Other neutral grassland	No	0.31	Medium	Good	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	4.28	0.31	4.28	0.00	0.00	0.00	West Area Field No. Th2 (Polygon 693) Retained within CI area (0.2 ha) as margin and outside CI parameters (0.1). High strategic significance due to permanent grassy margins included in LBAP as key habitat.
85	Grassland	Other neutral grassland	No	11.07	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	101.84	8.95	82.34	0.00	2.12	19.50	West Area Field No.s Bcd044, Bcd043, Bcd092, Bcd093, Bcd096, Bcd094, Bcd097, Bcd098, Bcd102, Bcd094, Bcd106, Bcd099, Bcd107, Bcd127, Bcd114, Bcd115, Bcd105, Bcd118, E2, E1 + unassigned (Polygon ID 317, 609, 414, 405, 514, 518, 519, 528, 535, 536, 537, 538, 544, 578, 579, 587, 590, 591, 694, 734, 738, 767, 770, 771, 776) 1.68 ha lost to primary mitigation calcareous grassland, 0.1 ha lost to solar PV module areas, 0.36 ha lost to tree belt areas, 6.58 ha retained in CI areas, 2.37 ha retained outside CI areas. High strategic significance due to permanent grassy margins included in LBAP as key habitat.
86	Grassland	Other neutral grassland	No	2.65	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	12.19	2.65	12.19	0.00	0.00	0.00	West Area Field No.s Bcd034, Bcd037, Bcd031, Bcd032, Bcd038, Bcd042, Bcd043, National Grid Naverby Substation + unassigned (Polygon ID 334,425,427,430,431,432,433,434,435,439,440,441,442, 443,444,445,446,447,448, 449, 456, 574, 576) Retained outside CI parameters. High strategic significance due to permanent grassy margins included in LBAP as key habitat.
87	Grassland	Lowland calcareous grassland	No	13.6	High	Moderate	Formally identified in local strategy	Same habitat required =	187.68	11.54	159.25	0.00	2.06	28.43	West Area LWS road verge Calcareous grassland + Field No. E2 (Polygon ID 341, 384, 411, 412, 422, 423, 424, 428, 429, 436, 437, 457, 527, 573, 575, 765, 768, 769, 772, 788, 789, 792, 834, 836) 7.33 ha retained in CI areas and primary mitigation calcareous grassland, 4.41 ha retained outside CI parameters, 0.2 ha lost to development, 1.86 ha lost to tree belt areas. High strategic significance due to lowland calcareous grassland included in LBAP as key habitat.
88	Grassland	Lowland calcareous grassland	No	0.64	High	Poor	Formally identified in local strategy	Same habitat required =	4.42	0.64	4.42	0.00	0.00	0.00	West Area LWS road verge Calcareous grassland (Polygon ID 870) Retained. High strategic significance due to lowland calcareous grassland included in LBAP as key habitat.
89	Heathland and shrub	Mixed scrub	No	0.04	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	0.35	0.04	0.35	0.00	0.00	0.00	West Area Field No.s Th3, Bcd024, Bcd027 (Polygon ID 133, 430) Retained within CI areas and outside CI parameters. Medium strategic significance. Habitat not included in local plan however considered ecologically desirable.
90	Heathland and shrub	Mixed scrub	No	0.06	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	0.28	0.06	0.28	0.00	0.00	0.00	West Area Field No.s Th3, Bcd042 (Polygon ID 132, 438) Retained within CI areas and outside CI parameters. Medium strategic significance. Habitat not included in local plan however considered ecologically desirable.
91	Lakes	Ponds (non-priority habitat)	No	0.02	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (C)	0.09	0.02	0.09	0.00	0.00	0.00	West Area Field No. unassigned (Polygon ID 386) Retained in CI Area High strategic significance due to inclusion of ponds as key habitats within Loughshane RHP.
92	Urban	Artificial unvegetated, unsealed surface	No	0.45	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00	0.45	0.00	0.00	0.00	0.00	West Area Field No. unassigned (Polygon ID 779) Retained in CI area Low strategic significance due to habitat/area not included in local plan.

63	Urban	Developed land, sealed surface	No	11.29	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00	11.29	0.00	0.00	0.00	0.00	West Area Field No. unassigned (Polygon ID 162, 163, 164, 165, 175, 180, 181, 183, 387, 461, 482, 540) Retained Low strategic significance due to habitat/area not included in local plan
64	Woodland and forest	Lowland mixed deciduous woodland	No	0.22	High	Good	Formally identified in local strategy	Same habitat required =	4.85	0.22	4.85	0.00	0.00	0.00	West Area Field No.s Bcd139, Bcd140, Bcd141 (Polygon ID 730) Retained High strategic significance due to inclusion of LME/W as key habitat in LRAP
65	Woodland and forest	Lowland mixed deciduous woodland	No	0.06	High	Moderate	Formally identified in local strategy	Same habitat required =	0.83	0.06	0.83	0.00	0.00	0.00	West Area Field No. unassigned (Polygon ID 392) Retained High strategic significance due to inclusion of LME/W as key habitat in LRAP
66	Woodland and forest	Other woodland, broadleaved	No	0.19	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	1.87	0.19	1.87	0.00	0.00	0.00	West Area Field No.s Bcd207, Bcd105, Bcd108, E2 (Polygon ID 348, 391) Retained Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
67	Woodland and forest	Other woodland, mixed	No	0.69	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	6.07	0.69	6.07	0.00	0.00	0.00	West Area Field No.s Bcd108, E2, Bcd139, E1 (Polygon ID 272, 290) Retained Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
68	Woodland and forest	Other woodland, mixed	No	0.28	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (2)	1.23	0.28	1.23	0.00	0.00	0.00	West Area Field No. Bcd372 (Polygon ID 405) Retained Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
69	Woodland and forest	Other coniferous woodland	No	0.03	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required 2	0.07	0.03	0.07	0.00	0.00	0.00	West Area Field No.s Bcd599, Bcd107 (Polygon ID 352) Retained Medium strategic significance. Habitat not included in local plan however considered ecologically desirable
70															
71															
72															
73															
74															

Total habitat area	1279.83
Bio Area (Excluding area of individual trees, green walls, intersited hard structures)	1279.83

418.74	899.89	1284.64	788.48	473.07	1041.71
--------	--------	---------	--------	--------	---------

Total area lost (excluding area of individual trees, green walls and intersited hard structures)	473.07
--	--------

MP to hectares conversion tool	Select a unit	Elect area	MP
--------------------------------	---------------	------------	----

Project Name: Springwell Solar Farm Map Reference:
B-2 On-Site Hedge Creation

Condense / Show Columns Condense / Show Rows

Main Menu

Hedge row summary	
Total Net Unit Change	113.41
Total Net % Change	22.89%
Trading Rules Selected	No - Check trading summary A

Ref	New hedge number	Proposed habitats		Distastefulness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge units delivered	Comments		
		Habitat type	Length (km)				Standard or adjusted time to target condition	Final time to target condition (years)			User comments	Planning authority comments	Internal reference number
1		Species rich native hedgerow	5.8	Medium	Moderate	Formally identified in local strategy	Standard time to target condition applied	5	Low	44.65	East Area Hedgerow creation High strategic significance due to hedgerows included in LEAP as key habitat		
2		Species rich native hedgerow with trees	1.7	High	Moderate	Formally identified in local strategy	Standard time to target condition applied	10	Low	16.43	Central Area Hedgerow creation High strategic significance due to hedgerows included in LEAP as key habitat		
3		Species rich native hedgerow	9.03	Medium	Moderate	Formally identified in local strategy	Standard time to target condition applied	5	Low	61.82	West Area Hedgerow creation High strategic significance due to hedgerows included in LEAP as key habitat		
4													
5													
6													
7													
8													
			18.63							128.00			

Watercourse summary	
Total for this Change	0.00
Total for all Changes	0.00
Tracing Data Available	Yes /

Ref	Existing watercourse type	Length (km)	Disturbance	Condition	Strategic significance	Watercourse encroachment	Riparian encroachment	Required Action to Show Tracing Data	Total watercourse score	Length retained	Length enhanced	Ditch retained	Ditch enhanced	Length Lost	Ditch Lost	Bespoke compensation agreed for losses of VEDR	Comments		
																	User Comments	Planning authority comments	Initial reference number
1	Other cross and stream	1.51	High	Medium	Sensitive ecologically desirable but not in local drainage	No Encroachment	Moderate/Major	Some habitat required *	17.04	1.51		17.04	0.00	0.00	0.00		<p>Function as other cross and stream as it appears to flow on the 1:25k OS map and is in the upper reaches of the Carrington Glen watercourse. The BCA underlines an moderate condition watercourse. The watercourse encroachment losses are not significant. Riparian habitat remains largely intact. Encroachment is not a concern as the watercourse is not a priority of field drainage and moderate riparian encroachment is not a concern as it is not a priority of field drainage. The watercourse is not a priority of field drainage but serves as an ecological corridor through the area.</p>		
2	Ditches	0.24	Medium	Poor	Sensitive ecologically desirable but not in local drainage	No Encroachment	Major/Minor	Some habitat required *	0.79	0.24		0.79	0.00	0.00	0.00		<p>Medium strategic significance as habitats are not in local plan but serves as an ecological corridor through the area. No watercourse encroachment. Major riparian encroachment due to proximity of agricultural fields.</p>		
3	Ditches	0.08	Medium	Poor	Sensitive ecologically desirable but not in local drainage	No Encroachment	Moderate/Moderate	Some habitat required *	0.22	0.08		0.22	0.00	0.00	0.00		<p>Low strategic significance as habitats are not in local plan but serves as an ecological corridor through the area. No watercourse encroachment. Moderate riparian encroachment due to agricultural fields.</p>		
4																			
5																			
		1.81							18.05	1.81	0.00	18.05	0.00	0.00	0.00				

