

- Legend**
- Site boundary assessed
 - Line of Trees (w1g6NE2)
 - Native Hedgerow (h2NE5)
 - Native Hedgerow - Associated with bank or ditch (h2NE9)
 - Native Hedgerow with trees (h2NE4)
 - Native Hedgerow with trees - Associated with bank or ditch (h2NE8)
 - Native Species Rich Hedgerow (h2NE2)
 - Native Species Rich Hedgerow - Associated with bank or ditch (h2NE7)
 - Native Species Rich Hedgerow with trees (h2NE1)
 - Native Species Rich Hedgerow with trees - Associated with bank or ditch (h2NE6)
 - Ditches
 - Other Rivers and Streams
 - Arable field margins tussocky
 - Artificial unvegetated, unsealed surface
 - Blackthorn scrub
 - Bramble scrub
 - Cereal crops
 - Cereal crops winter stubble
 - Developed land; sealed surface
 - Lowland mixed deciduous woodland
 - Mixed scrub
 - Modified grassland
 - Non-cereal crops
 - Other neutral grassland
 - Other woodland; broadleaved
 - Ponds (Non- Priority Habitat)
 - Temporary grass and clover leys
 - Traditional orchards
 - XXY Watercourse reference label

Note: legend contents represents the list of habitats recorded in the geographical area of the Site shown in this figure only.



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PROJECT TITLE
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DRAWING TITLE
 Figure 7.12.1a: Pre-development habitat plan - West

DATE: 19/11/2024 CHECKED: DF SCALE: 1:13,000
 DRAWN: EM APPROVED: KK VERSION: 1.1

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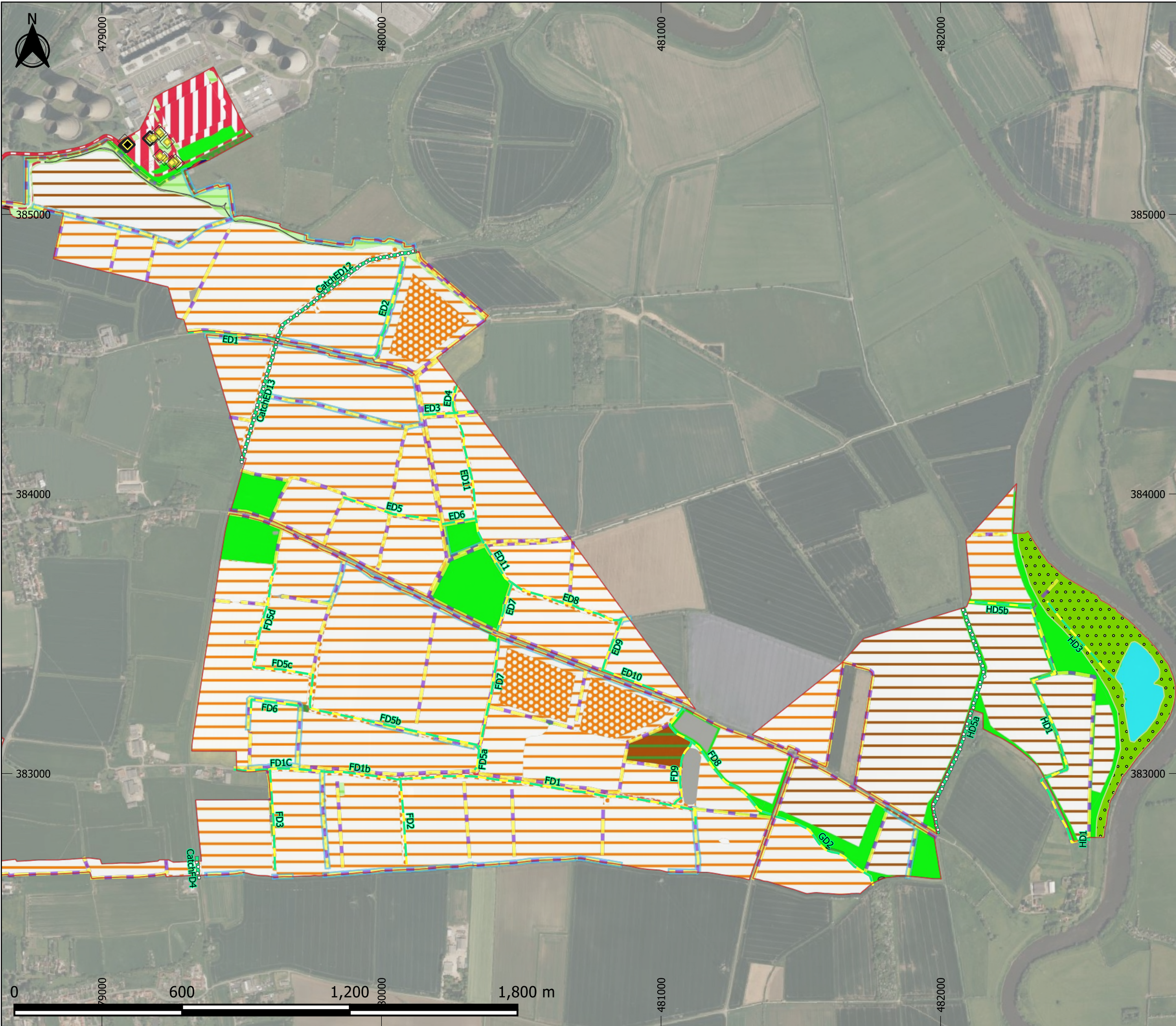
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- Legend**
- Site boundary assessed
 - Line of Trees (w1g6NE2)
 - Native Hedgerow (h2NE5)
 - Native Hedgerow - Associated with bank or ditch (h2NE9)
 - Native Hedgerow with trees (h2NE4)
 - Native Hedgerow with trees - Associated with bank or ditch (h2NE8)
 - Native Species Rich Hedgerow (h2NE2)
 - Ditches
 - Other Rivers and Streams
 - Coastal floodplain grazing marsh
 - Arable field margins tussocky
 - Artificial unvegetated, unsealed surface
 - Blackthorn scrub
 - Bramble scrub
 - Cereal crops
 - Cereal crops winter stubble
 - Developed land; sealed surface
 - High alkalinity lakes
 - Lowland mixed deciduous woodland
 - Mixed scrub
 - Modified grassland
 - Non-cereal crops
 - Other neutral grassland
 - Other woodland; broadleaved
 - Ponds (Non- Priority Habitat)
 - Ruderal/Ephemeral
 - Existing Very Large Urban Tree
 - Existing Large Urban Tree
 - Existing Medium Urban Tree

XXY Watercourse reference label
 Note: legend contents represents the list of habitats recorded in the geographical area of the Site shown in this figure only.



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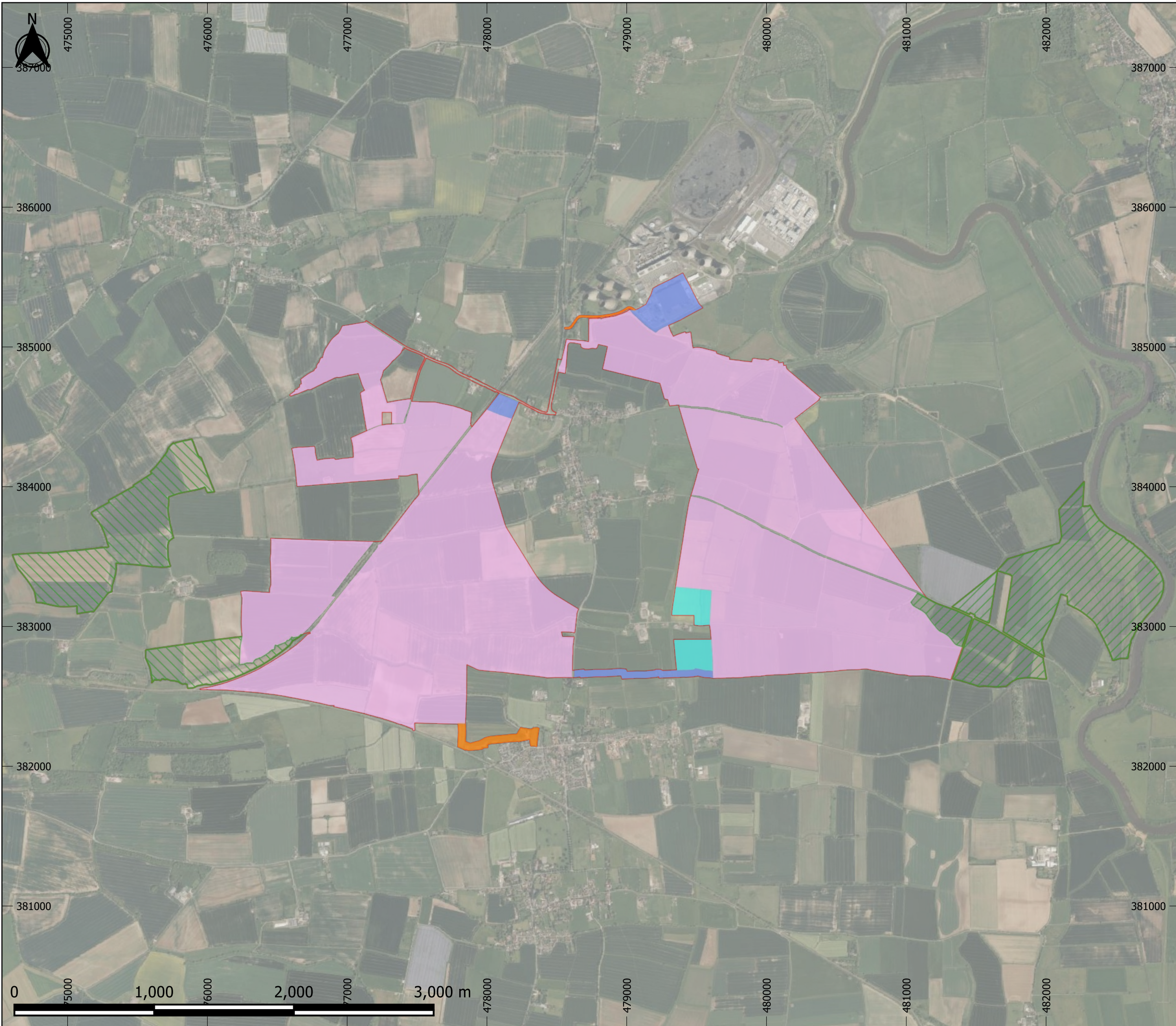
PROJECT TITLE
STEEPLE RENEWABLES PROJECT

DRAWING TITLE
Figure 7.12.1b: Pre-development habitat plan - East

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Graphics Ref. No.: 04775



- Legend**
- Site boundary
 - Biodiversity Mitigation and Temporary Cable Infrastructure Area
 - Eastern Biodiversity Mitigation Area
 - Western Biodiversity Mitigation Area (two land parcels)
 - Proposed Solar Areas (with the BESS likely to be in the far north of the Site)
 - Cable Infrastructure
 - Site Access Corridor

Notes:
 Reliance has been placed on the Indicative Parameters Plan drawing 04954-RES-LAY-DR-LE-018 rev1 (dated 11 July 2024, prepared by RES) to inform this figure.



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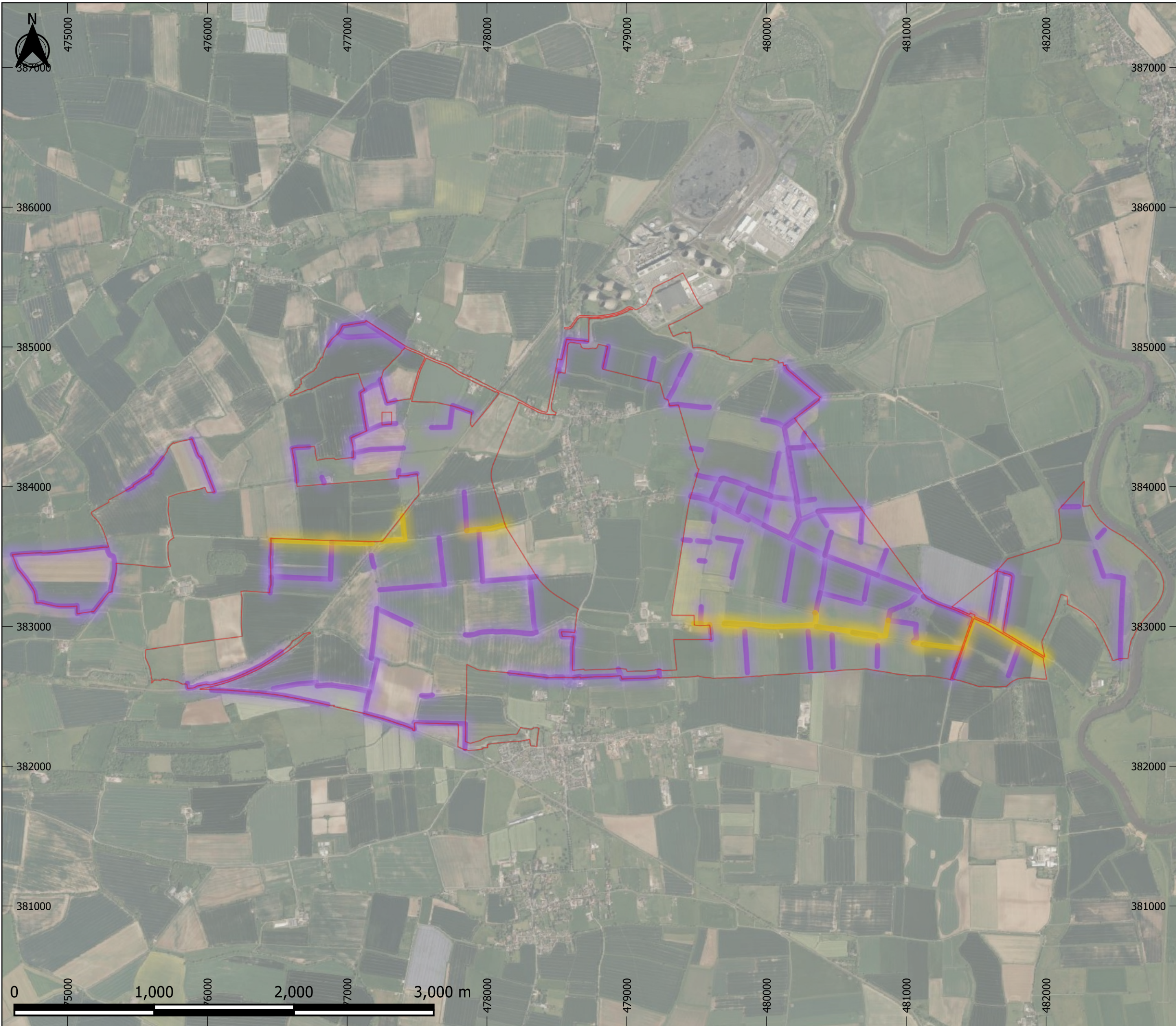
PROJECT TITLE
STEEPLE RENEWABLES PROJECT

DRAWING TITLE
Figure 7.12.2: Indicative Land Use Areas

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- Legend
- Site boundary
 - Hedgerow resource that will be subject to enhancement along entire length from Native Hedgerow to Native Hedegrow with Trees
 - Hedgerow resource that will be subject to enhancement for approximately 1/3 length from Native Hedgerow to Native Hedegrow with Trees

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Figure 7.12.3: Indicative Hedgerow Resource Enhancement Options

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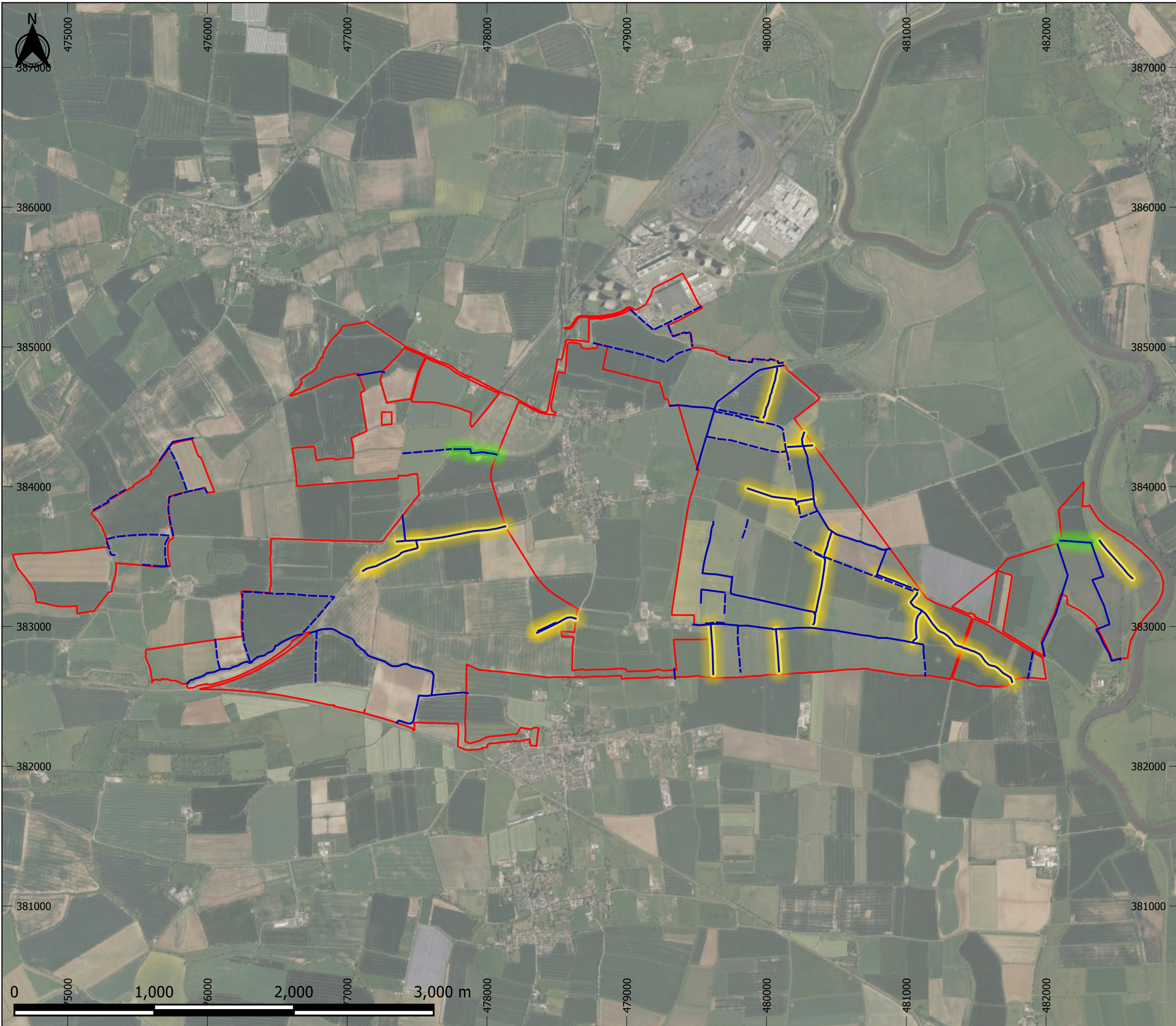
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- Legend**
- Site boundary
 - Dry ditch
 - Wet ditch or watercourse
- Proposed biodiversity enhancement measures to be applied to ditches**
- Manage the ditch vegetation on a 10-year cutting rotation, and/or on one bank only (allowing some sections to become well-structured vegetation that is allowed to seed/fruit while other sections are cut to 10cm sward height in winter to control long-term scrub growth).
- Possibly plant aquatic and emergent plant species as plug plants and reed transplants every 10-20m (secured with pegs and hessian liner if required). Plants to be native, sourced from the UK and grown to Flora Locale guidelines.
 - Control scrub or reeds and enhance ditch by:
- Targeted vegetation cutting/thinning on rotation (to control scrub/reeds in addition to regular management)
- Apply measures outlined above in relation to enhancing ditch plant diversity.

Notes:
 No reprofiling of watercourse channels is currently proposed.
 No tree planting on the channel banks or within 8m of watercourses is currently proposed, with reference to discussions with the project flood risk and drainage engineers/hydrologists (RSK Land & Development Engineering) and RES on 20 June 2024 and 07 August 2024.
 The success of the watercourse enhancement partly relies upon the reduction of nutrient inputs and potential pollutant inputs that are anticipated to occur as an indirect outcome from the land use change from agriculture to a solar farm. As the use of hard engineering works, such as bank or ditch re-profiling is not possible at this stage, there remains a level of uncertainty about the extent of habitat enhancements that can be measured and delivered by soft landscaping works i.e. planting of native species and habitat management for biodiversity purposes. To address this risk, additional watercourse lengths are proposed to be subject to enhancement measures over and above what would normally be proposed, as a contingency measure to help aid the delivery of a successful outcome.



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Figure 7.12.4: Indicative Watercourse Enhancement Scenario

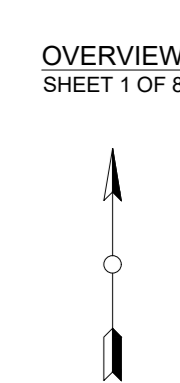
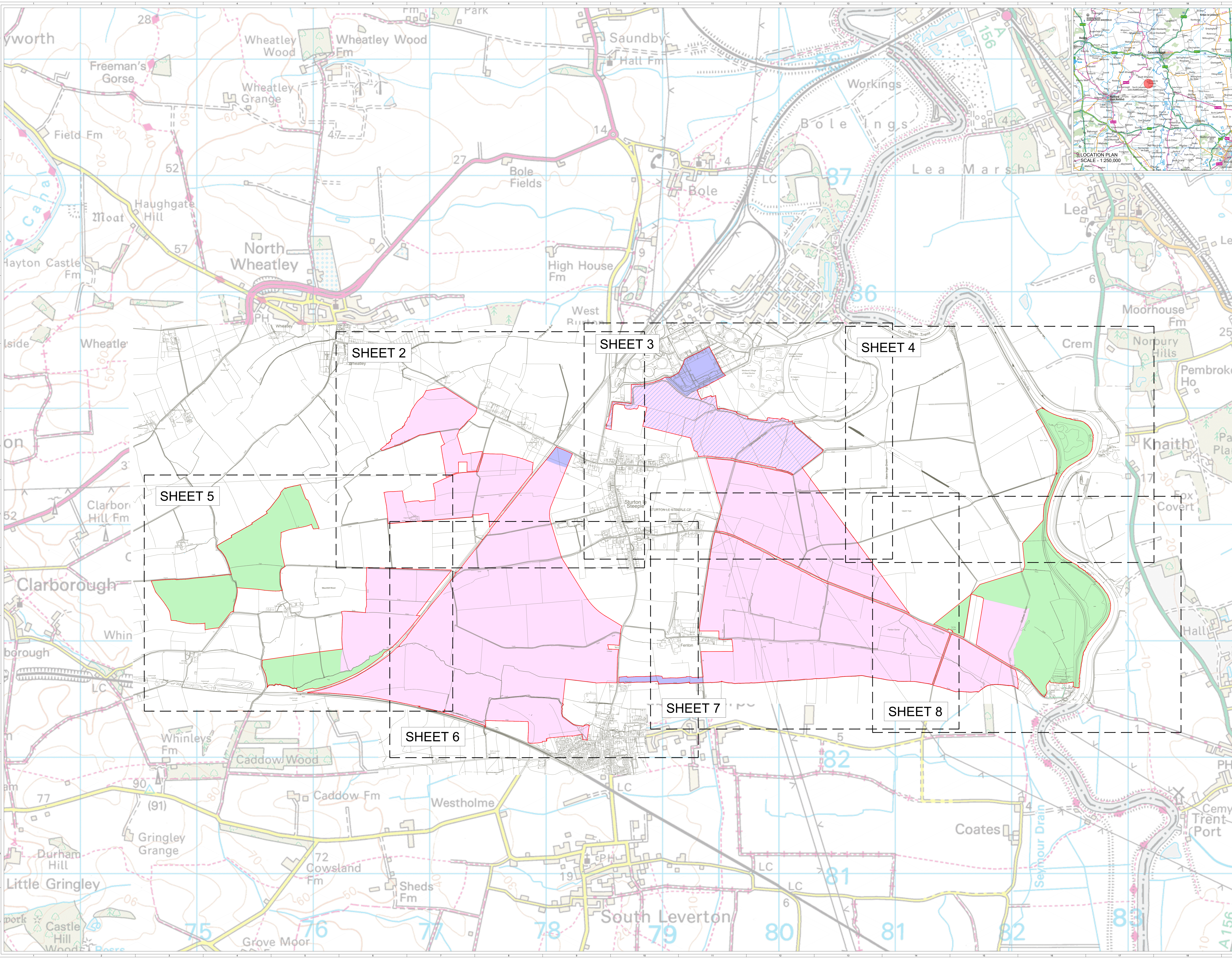
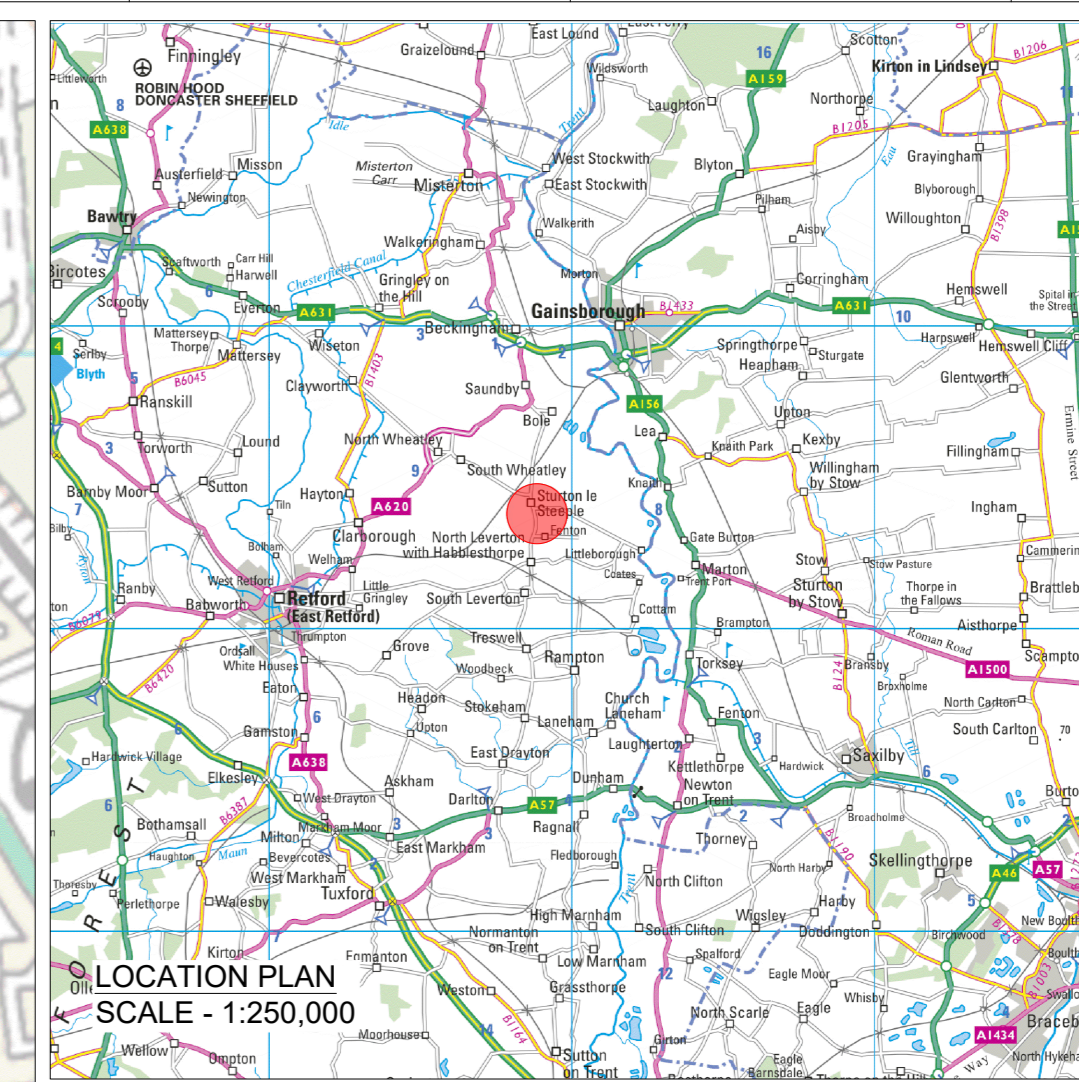
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Appendix 1: Drawing used to inform the assessment

The Indicative Parameters Plan drawing *04954-RES-LAY-DR-LE-018 rev1*, dated 11 July 2024, prepared by RES

- KEY:
- AREA FOR SOLAR PANELS AND ASSOCIATED DEVELOPMENT
 - CABLE INFRASTRUCTURE
 - SUBSTATION, BESS AND ASSOCIATED INFRASTRUCTURE
 - BIODIVERSITY MITIGATION



ISSUE	DATE	APPD	DATE	REVISION NOTES
PRELIMINARY				OSGB 1936
SCALE	1:10,000	@ AD		N/A
LAYOUT DWG	N/A			N/A

PROJECT TITLE: STEEPLE RENEWABLES PROJECT

DRAWING TITLE: FIGURE 1.2 INDICATIVE PARAMETERS PLAN APPF REGULATION 5(2)(A)

04954-RES-LAY-DR-LE-018

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