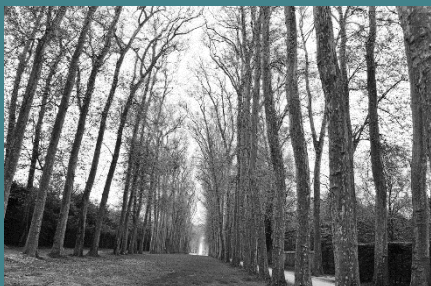


FPCR | environment  
& design



# Biodiversity Offsetting Scheme

Client

**Harworth Group**

Project

**Gateway 36, Rockingham, Barnsley – Unit 7**

Date

**November 2024**

**CONTENTS**

1.0 INTRODUCTION ..... 2

2.0 MITIGATION HIERARCHY ..... 4

3.0 OFFSETTING ..... 5

4.0 BIODIVERSITY OFFSETTING PROPOSALS ..... 8

5.0 MANAGEMENT AND MONITORING RESPONSIBILITIES ..... 12

6.0 FUTURE DEVELOPMENT PHASES ..... 13

**TABLES**

- Table 1. Biodiversity Unit Changes - Unit 7
- Table 2. Area Habitat Biodiversity Unit Changes- Cumulative Changes
- Table 3: Hedgerow Biodiversity Unit Changes- Cumulative Changes
- Table 4: Area Habitat Biodiversity Unit Changes- Overall impact assessment

**FIGURES**

- Figure 1: Baseline Habitats
- Figure 2: Habitat Retention
- Figure 3: Proposed Habitats
- Figure 4: Offsite Cumulative Baseline
- Figure 5: Offsite Cumulative Proposals

**APPENDICES**

- Appendix A: Biodiversity Metric 2.0 Calculations

Rev	Issue Status	Prepared/Date	Approved/Date
-	Final	JDH / 06.11.24	KJB / 07.11.24
A	Final	SAM / 17.01.25	JDH / 22.01.25
B	Final		JDH / 03.03.25

## 1.0 INTRODUCTION

- 1.1 This report has been prepared by FPCR Environment and Design Ltd. on behalf of the Harworth Group in support of requirements under the Section 106 schedule 4 agreement (10 Aug 2020, APPLICATION NO. 2019/1573).
- 1.2 The Section 106 Agreement requires that for each phase of development a 'Biodiversity Impact Assessment Report and a Biodiversity Offsetting Scheme' is to be submitted to and approved by the Council. The Biodiversity Offsetting Scheme is 'to provide a minimum 10% net gain in Biodiversity Units for habitats based on the Biodiversity Impact Score in the Biodiversity Impact Assessment for that Phase'.
- 1.3 It specifies that the 'Biodiversity Offsetting Scheme for each Phase shall include:
- The identity of an appropriate receptor site or sites upon which any biodiversity enhancements will be provided;
  - A management plan for the provision and maintenance of such offsetting measures for not less than 32 years from the date of implementation of the Approved Biodiversity Offsetting Scheme;
  - The provision of contractual terms to secure the delivery of the offsetting measures.'
- 1.4 A large proportion of this report is comprised of summaries and references to existing approved documents and additional documents submitted by the wider project team. To avoid duplication please consult the following documents for full details:
- Biodiversity Impact Assessment (BIA) – Unit 7. (FPCR 2024)
  - Offsite Habitat Management Plan – (FPCR 2024)
- 1.5 The aim of biodiversity offsetting is to compensate for significant adverse impacts on biodiversity identified after appropriate avoidance, minimisation and on-site rehabilitation measures have been taken, according to the mitigation hierarchy as required by the NPPF.
- 1.6 This report summarises the steps taken to offset impacts as detailed in the Unit 7 BIA (FPCR, 2024, Rev A).

### Site Location and Context

- 1.7 The Site sits to the north of Hoyland, adjacent to Shortwood Business Park in Barnsley, South Yorkshire (central grid ref: SE 35656 00865). The site was cleared following the approved earthworks scheme detailed in the Hybrid planning permission. Surrounding land use is largely arable and pasture with hedgerows providing connectivity to the wider landscape. Areas of broad-leaved semi-natural woodland are located to the north, forming part of the Short Wood and Hay Green LWS and also Dearne Valley Wetlands SSSI.
- 1.8 Unit 7 sits within the Phase 2 site and comprises an area to the south of Dearne Valley Parkway (A6195) which has largely been cleared of vegetation with a small area of retained periphery woodland.

## **Proposals**

- 1.9 The proposed development (Unit 7) comprises one building for industrial and/or storage and distribution use with associated yard and car park, together with formation of landform, landscape planting and features within the Gateway 36 Phase 2 site.
- 1.10 Green infrastructure will connect into the wider Site scheme with woodland and scrub belts along the boundaries.
- 1.11 Access to the site will be provided from the service road running off Dearne Valley Parkway and through the previously approved Phase 2a.1 (2021/1007; December 2022).

## 2.0 MITIGATION HIERARCHY

### Avoid Impacts

- 2.1 The site is located within an allocated site for employment within Barnsley's Local Plan as adopted on 3<sup>rd</sup> January 2019. As such the location of the development can be considered as an appropriate location to avoid likely major negative impacts.
- 2.2 Within the biodiversity metric, habitats are preassigned to distinctiveness bands. These are based on the distinguishing features, including the consideration of species richness, rarity, and the degree to which a habitat supports species rarely found in other habitats. Within this phase of development, no high distinctiveness habitats will be impacted.

### Minimise Impacts

- 2.3 Site clearance and earthworks were completed in line with the CEMP (FPCR, 2020). This document detailed the requirements to protect retained habitats from construction activities and ensure that vegetation clearance was undertaken following relevant good practice methodologies and within seasonal constraints.

### Mitigation (On-site)

- 2.4 Habitat losses resulting from the development were measured utilising the Biodiversity Metric 2.0. A summary from the BIA (FPCR, 2024) is provided in Table 1.
- 2.5 The two habitat components; area habitats and hedgerows, require independent compensation and any gains made in one cannot be used to compensate for losses in the other.

Table 1. Biodiversity Unit Changes - Unit 7

	Biodiversity Units					
	Baseline	Retained	Created	Enhanced	Post-intervention	Net Change
Area Habitats	20.91	-	8.75	0.59	9.35	- 11.56
Hedgerows	3.39	0.06	1.15	-	1.21	- 2.17

Please note there may be minor discrepancies (rounding errors) between the columns and the totals, however, the numbers duplicate those presented within the matrix calculator.

- 2.6 The on-site habitat creation and management result in an overall net loss in area habitat biodiversity units and an overall net loss in hedgerow biodiversity units. This equates to biodiversity impact scores of -55.3% and -64.2% respectively.
- 2.7 To fulfil the Section 106 requirement to provide a minimum 10% net gain in Biodiversity Units for habitats, the biodiversity offsetting scheme will first combine the net gain assessment for Unit 7 with those of previous phases. The results of the combined assessment will then inform the requirements for additional offsite habitat provision to compensate for the losses outstanding losses.

### 3.0 OFFSETTING

- 3.1 The biodiversity metric (Appendix A) has been used to track the cumulative changes for Phase 2a.1, Phase 3, Unit 4, Unit 7 and offsite habitats provision (Figures 1-5). These areas provide an overall net gain, with surplus biodiversity units, in respect to the combined development impacts.
- 3.2 Due to evolving Site designs, there have been minor changes in the connecting boundaries between Unit 7 and the adjoining Phase 2a.1 and Unit 4 development areas. The result of which is that the Unit 7 plot overlaps with restricted areas that were previously shown to be within earlier phases. To avoid double counting impacts or habitat creation works, the redlines for earlier phases has been adjusted within these calculations to exclude the Unit 7 overlap. This has reduced the habitat assessment area for Phase 2a.1 by 0.5ha to 13ha, and for Unit 4 by 0.31ha to 5.17ha. In addition, 38m of hedgerow has been removed from the Unit 4 assessment and is now considered as part of Unit 7 proposals.
- 3.3 The updated areas and figures have been utilised in the cumulative calculations for the Unit 7 Biodiversity Offsetting Scheme.

#### Cumulative Development Assessment

- 3.4 The biodiversity assessments for Phase 2a.1, Phase 3, Unit 4 and Unit 7 have been combined to inform the cumulative offsite habitat provision requirements (Tables 2 and 3).

Table 2. Area Habitat Biodiversity Unit Changes- Cumulative Changes

	Biodiversity Units		
	Baseline	Post-intervention	Net Change
Phase 2a.1	48.76	60.73	11.97
Phase 3- onsite	37.26	17.12	-20.14
Phase 3- offsite	35.35	51.23	15.88
Unit 4- onsite	18.56	12.04	-6.52
Unit 4- offsite	50.6	60.53	9.93
Unit 7	20.91	9.35	-11.56
Total	211.44	211.0	-0.44

Please note there may be minor discrepancies (rounding errors) between the columns and the totals, however, the numbers duplicate those presented within the matrix calculator.

Table 3. Hedgerow Biodiversity Unit Changes- Cumulative Changes

	Biodiversity Units		
	Baseline	Post-intervention	Net Change
Phase 2a.1	6.07	10.28	4.21
Phase 3- onsite	5.06	6.5	1.44
Unit 4	4.9	3.77	-1.13
Unit 7	3.39	1.21	-2.17
Total	19.42	21.77	2.35

Please note there may be minor discrepancies (rounding errors) between the columns and the totals, however, the numbers duplicate those presented within the matrix calculator.

- 3.5 The cumulative assessment of the development parcel brought forward to date, result in an overall loss in area habitat biodiversity units and a net gain hedgerow biodiversity units. This equates to biodiversity impact scores of -0.35% and +12.08% respectively.

#### Offsite Provision

- 3.6 Schedule 4 of the Section 106 agreement (10/08/2020) states that:

*"It is acknowledged by the Owners and the Council that based on the Indicative Biodiversity Impact Assessment Report it will not be possible to provide a 10% net gain in Biodiversity Units across the Site as a whole and as such the Owners covenant to make available in the first instance the Replacement Receptor Sites as receptor sites for biodiversity enhancements and in the event that further land is required for biodiversity enhancements then the Owners will make available such additional land as is required from the Barrow Colliery PROVIDED THAT the precise amount of the Replacement Receptor Sites and any amount of the Barrow Colliery (if applicable) that is required to be provided for biodiversity enhancements shall be identified as part of the Biodiversity Offsetting Scheme submitted in respect of any Phase that is seeking to provide biodiversity enhancements on the Replacement Receptor Sites and the Barrow Colliery (if applicable)."*

- 3.7 In order to reach the 10% net gain target for area-based habitats, offsite habitat will be utilised to generate the additional biodiversity units required.

#### Barrow Hill Colliery

- 3.8 Subsequent to outline (hybrid) planning permission being granted, Dearne Valley Wetlands was notified by Natural England as a Site of Special Scientific Interest (SSSI) on 13th May 2021. Natural England confirmed Dearne Valley Wetlands SSSI under section 28 of the Wildlife and Countryside Act 1981 on 4 February 2022.
- 3.9 The notified SSSI consists of 22 site units, with differing interest features<sup>1</sup>. Site unit 21 is made up of Barrow Hill Colliery and Short Wood LWS. The notification for this site unit reports the features of interest to be breeding willow tit and breeding bird assemblage of lowland scrub.

<sup>1</sup> Dearne Valley Wetlands SSSI South Yorkshire – Supporting Information. 2021. Natural England

Both features of interest in this unit are reported in the notification documentation to be in favourable condition as of March 2020.

- 3.10 The supporting habitats for the features of interest as listed in the management objectives of the SSSI notification Annexe 2 document are reedbeds, fen, wet grassland, scrub and wet woodland, damp woodland margins, scrubby wetland margins, post-industrial sites with scrub and a high-water table, and occasionally mixed damp scrub along the edges of young plantations.
- 3.11 Management of SSSIs to maintain favourable condition for the features of interest is the responsibility of the UK government and landowners, and any works towards this objective would not count towards delivering biodiversity units<sup>2</sup>.
- 3.12 From the notification documentation, the SSSI management obligations for site unit 21 are to maintain the scrub habitat in its current condition, preventing succession. Wider management of the Barrow Hill Colliery site which does not interfere with these objectives, or impact upon the favourable status of the features of interest would therefore be additional, going beyond that required under the SSSI designation.
- 3.13 Finalised site design proposals have been used to inform precise offsite requirements for biodiversity net gain. Woodland unit generation has been prioritised to compensate for losses.

---

<sup>2</sup> Biodiversity Net Gain. Good practice principles for development. 2019. Baker, J, Joskin, R, Butterworth, T. CIRIA.



## 4.0 BIODIVERSITY OFFSETTING PROPOSALS

### Baseline Assessment

#### Methodology

- 4.1 The initial field survey of the offsite areas was undertaken over 1<sup>st</sup> - 3<sup>rd</sup> October 2019 by an experienced botanist (Field Identification Skills Certificate Level 6). This involved a walkover of the survey area during which discrete blocks of habitat were identified and mapped using 'Avenza Maps' software on a Samsung Tablet.
- 4.2 For each area, brief descriptions and species lists were recorded in a field notebook along with additional notes regarding the current 'condition'. This utilised UKHab<sup>3</sup> classifications for the habitat classification alongside condition criteria set out for the Biodiversity Metric 2.0<sup>4</sup>.
- 4.3 The primary objective of this assessment was to make an initial rapid assessment as to whether the survey area contained habitat areas suitable for further consideration as a receptor site. Consequently, this part of the assessment has had to rely heavily on the surveyor's experience and professional judgement as a botanical surveyor.

#### Results

- 4.4 The survey highlighted several areas of woodland with potential for habitat management to generate biodiversity units.

#### Other woodland-mixed mainly broadleaved (w1h5)

- 4.5 This woodland is located within Barrow Colliery where it is bordered by areas of established lowland mixed deciduous woodland, mixed scrub and neutral grassland, and agricultural land.
- 4.6 The woodland was Plantation/Secondary semi-natural broadleaved woodland. Although there was clear evidence (tree tubes) of plantation, there was a substantial natural regeneration amongst the planting so has the 'feel' of secondary semi-natural woodland. Birch *Betula pendula* was the main canopy species and most of the natural regeneration comprised this species, but with some pedunculate oak *Quercus robur* and ash *Fraxinus excelsior*. Areas of the understorey were dense and largely impenetrable due to the regeneration and a field layer formed mainly by abundant bramble. Amongst the regeneration there was some hawthorn *Crataegus monogyna*, hazel *Corylus avellana*, dog-rose *Rosa canina*, field maple *Acer campestre* (also occasionally present as a planted tree) and wild cherry *Prunus avium* which has also been planted. The field layer was only viewable from the edges but appeared to be sparse with very few forbs and no woodland species were noted. A lot of bare ground and some common bryophytes such as common feather-moss *Kindbergia praelonga* occurred. Tree age was difficult to assess, possibly 10 years, and there was a very limited deadwood resource but with reasonable structure due to the regeneration, which has given rise to a varied age class.
- 4.7 The woodlands were classed as 'moderate' condition, failing on Criteria 3 and 6 (lack of age diversity and height structure and poor deadwood resource) which reflects their relatively young age and planting origins.

<sup>3</sup> UK Habitat Classification Working Group. (2019). UK Habitat Classification. Available at: <http://ecountability.co.uk/ukhabworkinggroup-ukhab/> [Accessed 01/11/2019]

<sup>4</sup> Natural England. (2019). The Biodiversity Metric 2.0 – Technical Supplement. Available at: <http://publications.naturalengland.org.uk/publication/5850908674228224> [Accessed 01/11/2019].

## Habitat Proposals

### Woodland Enhancement

- 4.8 The condition of the existing woodland will be improved from moderate to good. Active management will need to ensure retention of standing and fallen deadwood, increase structural diversity and prevent degradation resulting from invasive species or disturbance.

### Site wide assessment

- 4.9 It is expected that managing c.24ha area of the woodland will be required to compensate for the total impacts of the combined Phase 2 and Phase 3 developments. As each phase or plot is brought forward the precise quantum of woodland management required will be calculated and management secured.
- 4.10 This approach was agreed with Barnsley Metropolitan Borough Council and Natural England (13th January 2022) prior to securing an initial management area of 2.75ha under the Phase 3 application.
- 4.11 Under the Unit 4 development, management of an additional 5.5ha of the woodland area was secured.
- 4.12 Under the Unit 7 development, management of an additional 8.92ha of the woodland area will be secured.
- 4.13 Management for the remainder of the woodland is expected to be secured through future development phases.

### Habitat Management

- 4.14 Woodland management will target the following objectives.
1. Woodland will comprise an area of trees with complete canopy cover.
  2. Native species are dominant. Non-native and invasive species account for less than 10% of the vegetation cover.
  3. A diverse age and height structure of the trees.
  4. Free from damage [Bark stripping; Browse line; Damage shoot tips] (in the last five years) from stock or wild mammals with less than 20% of vegetation being browsed.
  5. There should be evidence of successful (i.e. not browsed off before it gets well established) tree regeneration such as seedlings, saplings and young trees.
  6. Standing and fallen dead wood of over 20 cm diameter are present including fallen large dead branches/stems and stumps.
  7. Wetland habitat if they exist within the wood has little sign of drainage or channel straightening.
  8. The area is protected from damage by agricultural and other adjacent operations.
  9. There should be no evidence of inappropriate management (e.g. deep ruts, animal poaching or compaction).
  10. Invasive non-native plants are below 5%.

11. No signs of significant nutrient enrichment present.
12. More than 3 different native trees and 3 shrub species in an average 10 m radius

### Net Gain Summary

- 4.15 By providing the above offsite habitat enhancement measures, an additional 16.11 biodiversity units will be delivered. This contributes to a cumulative 15.68 biodiversity unit (+12.5%) net gain relative to the on-site baseline total (125.49 units) for area habitats. The metric excludes offsite baseline units from this calculation. A summary is provided in Table 4 below.

$$\frac{TOTAL\ NET\ UNIT\ CHANGE}{BASELINE\ ONSITE\ UNITS} \times 100 = PERCENTAGE\ CHANGE$$

Table 4. Area Habitat Biodiversity Unit Changes- Overall impact assessment.

	Biodiversity Units		
	Baseline	Post-intervention	Net Change
Cumulative total impacts	211.44	211.0	-0.44
Additional offsite mitigation	82.06	98.17	16.11
Total	293.51	309.19	15.68

Please note there may be minor discrepancies (rounding errors) between the columns and the totals, however, the numbers duplicate those presented within the matrix calculator.

- 4.16 Unit 7 in isolation resulted in a 2.17 loss in hedgerow units. When assessed cumulatively with the previous phases of development, there was an overall 2.35 biodiversity unit (+12.08%) gain in hedgerow units. As such, no additional offsite hedgerow provision was required.

### Habitat Trading

- 4.17 A large proportion of habitats to be lost are modified grassland fields, which are low distinctiveness habitats, that had been intensively managed. These have been compensated for through the creation of higher distinctiveness habitats. Similarly, low distinctiveness ruderal vegetation has been lost and compensated for through the provision of higher distinctiveness habitats.
- 4.18 The metric highlights the loss of 0.23 units of medium distinctiveness bramble scrub as requiring compensation. However, the net increase in mixed scrub habitat on site is 36.2 units and so the small loss of bramble scrub is sufficiently accounted for, and the trading error highlighted is considered erroneous.
- 4.19 A significant area of broadleaved woodland has been lost. This is a medium distinctiveness habitat and requires compensation to be equivalent or better. Current proposals compensate for this loss through a combination of woodland habitat creation and enhancement.

- 4.20 The habitat creation and enhancement scheme is appropriate to the local area. The habitats used to compensate for the losses are those which are achievable and appropriate to the local area, and additionally align with the guidance in the Barnsley Biodiversity and Geodiversity supplementary planning document. In particular, the new scrub habitat is highly desirable given the proximity to the SSSI which has been designated in this area for lowland scrub assemblages of breeding birds and willow tits.

## 5.0 MANAGEMENT AND MONITORING RESPONSIBILITIES

- 5.1 Harworth Estates Ltd. have an obligation under the fourth schedule of the Section 106 agreement (Outline [hybrid] planning permission-2019/1573) to deliver a 10% net gain in biodiversity units for habitats and provide appropriate management for not less than 32 years from the implementation of the Approved Biodiversity Offsetting scheme.
- 5.2 The Section 106 agreement requires the provision of contractual terms by Harworth Estates Ltd. to secure the delivery of the above habitat creation and management are required.
- 5.3 Harworth Estates Ltd. will be responsible for delivering both the on-site habitat creation detailed within the BIA (FPCR, 2024) and LEMP (Urban Wilderness, 2024), and offsite habitat creation detailed in the Offsite Habitat Management Plan (FPCR 2024). Ongoing management following creation should be undertaken by a suitable body, such as a management company, appointed by Harworth Estates Ltd. Ongoing work should be undertaken in agreement with the local authority and other relevant parties as appropriate.
- 5.4 Habitats will be managed for a minimum period of 32 years. It is anticipated that this management plan will run for an initial period of 15 years following initial creation as set out in the LEMP (Urban Wilderness, 2024). During this and in future periods, the plan should be viewed as a dynamic document, responding to the establishment and development of the habitats and species, as well as to any community needs and aspirations.
- 5.5 The progress of habitat creation will be monitored, and management prescriptions reviewed and altered where necessary to ensure habitat targets are met from the outset. Where appropriate, this management plan should be informed by updated and detailed surveys of the habitats to refine the identified objectives, targets, and prescriptions as necessary.
- 5.6 The aims of future on-going management should continue to maintain the habitats as proposed in the LEMP, unless there is a clear and agreed justification to alter these. It is therefore envisaged that future long-term management of the site will be a broad continuation of the agreed management prescriptions given for each habitat described within the LEMP (i.e., the grassland mowing regimes and hedge trimming frequencies are expected to be broadly the same) unless site factors or condition deem otherwise.
- 5.7 General monitoring should be undertaken annually by the appointed contractor/company and project ecologist to inform the forthcoming year's work programme to ensure the short-term objectives are being met, with results reported back and fed into the management plan review as necessary.
- 5.8 Where objectives are not being met, appropriate action will be put in place to amend management prescriptions and encourage better establishment to achieve the desired habitat, and any refinements incorporated into an updated management plan, for on-going medium and long-term management.
- 5.9 In accordance with the LEMP (Urban Wilderness, 2024), a full assessment of the site should be undertaken by all relevant disciplines prior to the end of the fifteenth year. The LEMP should be updated with management prescriptions modified as necessary for the remainder of the 32-year period to ensure that the targeted Biodiversity Net Gain is achieved.

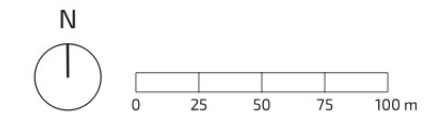
## **6.0 FUTURE DEVELOPMENT PHASES**

- 6.1 In order to comply with the Section 106 agreement (schedule 4), calculations for the remainder of the development should utilise the data provided within this report to track the site wide net gain and inform offsite habitat creation requirements.
- 6.2 The results of the assessment demonstrate that the combination of habitat creation in Phase 2a.1, Phase 3, Unit 4, Unit 7 and the identified offsite provision will lead to an overall gain of biodiversity units associated with the area habitats and hedgerows when compared with the baseline values.
- 6.3 Surplus units, as detailed within this report, may be used towards any offsetting required in future phases.



This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd

Ordnance Survey material - Crown Copyright. All rights reserved. Licence Number: 100019980 (Centremapslive.com)



### Key

- Dry ditch
- Native species rich hedgerow
- > Running water
- Standing water
- g3c - other neutral grassland
- g4 - modified grassland
- w1d - wet woodland
- w1g - other woodland-broadleaved
- h3 - dense scrub
- u1c - artificial unvegetated unsealed surface
- u1e - built linear features
- s - sparsely vegetated land

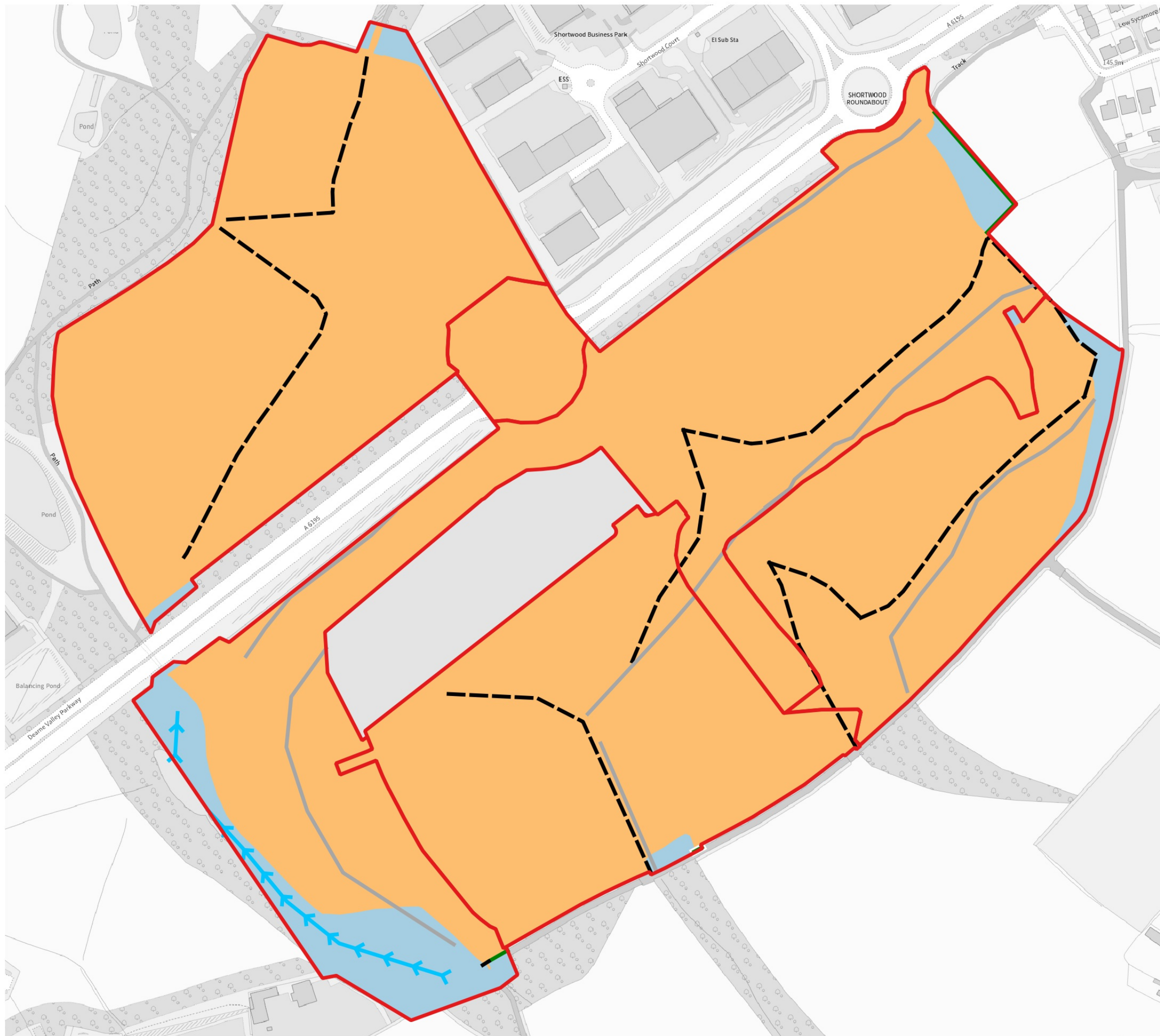
date 03/03/25 drwn/chkd JDH

client **Harworth Group PLC**

project **Unit 7 Gateway 36**

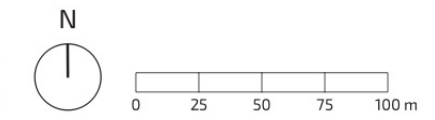
title **Habitat Baseline** scale 1:3,000 @ A3

number **FIGURE 1** rev **A**







This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd

Ordnance Survey material - Crown Copyright. All rights reserved. Licence Number: 100019980 (Centremapslive.com)



### Key

#### Linear habitat retention

-  Lost Hedgerow
-  Lost Ditch
-  Retained Hedgerow
-  Retained Ditch

date 03/03/25 drwn/chkd JDH

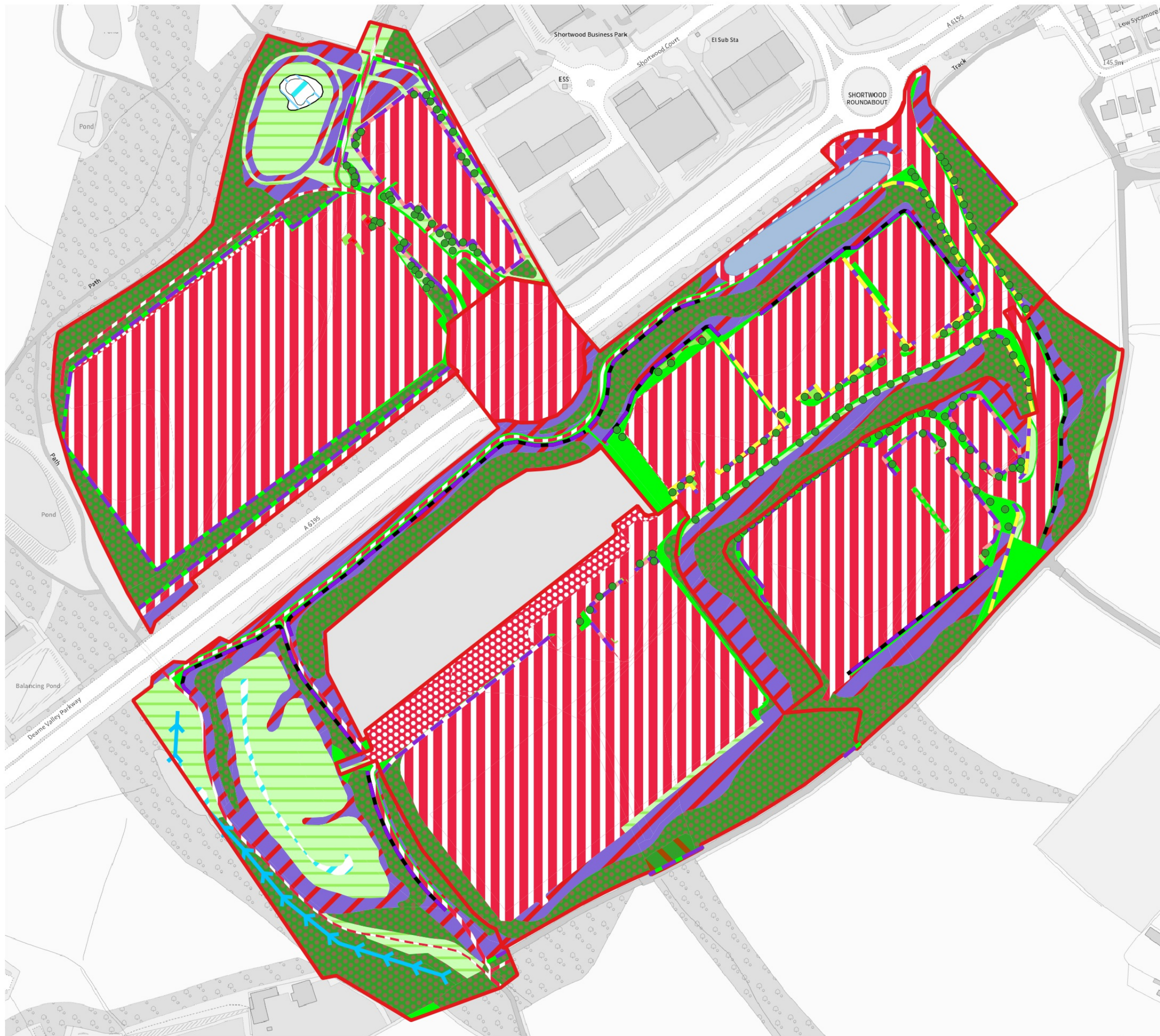
client **Harworth Group PLC**

project **Unit 7 Gateway 36**

title **Habitat Retention** scale 1:3,000 @ A3

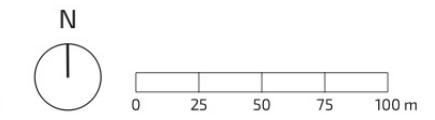
number **FIGURE 2** rev **A**





This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd

Ordnance Survey material - Crown Copyright. All rights reserved. Licence Number: 100019980 (Centremapslive.com)



### Key

- Street trees
- Running water
- Ornamental hedge
- Line of trees
- Native species-rich hedge with ditch
- Native species-rich hedge
- Native species-poor hedg with trees
- Native Species-poor Hedgerow
- Artificial unvegetated unsealed surface
- Built Environment: Buildings/hardstanding
- Ornamental Planting
- Amenity Grassland
- Other Neutral Grassland
- Mixed Scrub
- Broadleaved Woodland
- Wet Woodland
- Inundation Planting
- Standing water
- SUDS
- Green Roof

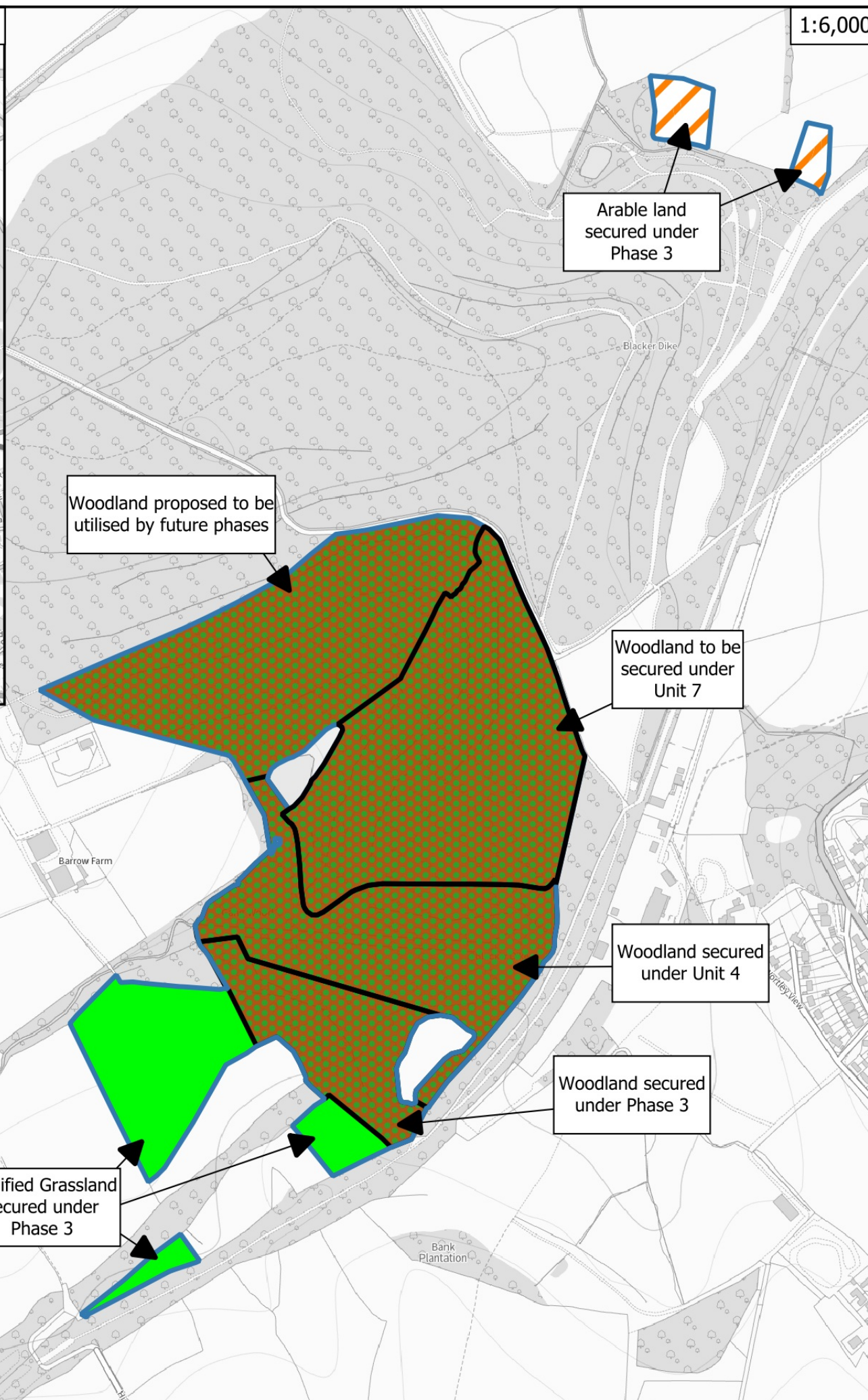
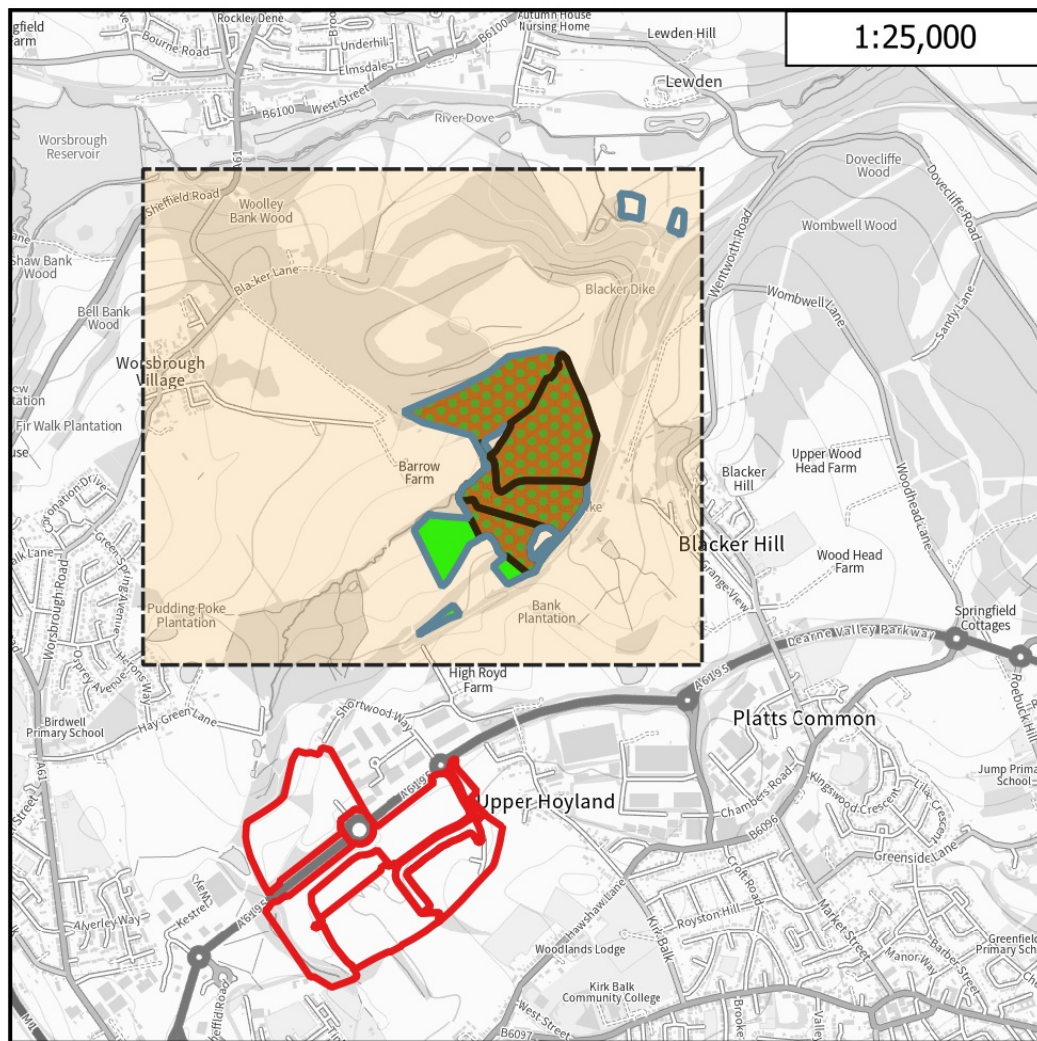
date 03/03/25 drwn/chkd JDH

client **Harworth Group PLC**

project **Unit 7 Gateway 36**

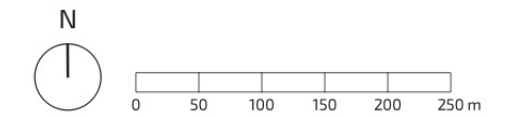
title **Habitat Proposals** scale 1:3,000 @ A3

number **FIGURE 3** rev **A**



This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd

Ordnance Survey material - Crown Copyright. All rights reserved. Licence Number: 100019980 (Centremapslive.com)



**Key**

- Application Redlines
- Offsite boundary
- Woodland Management Phased Boundaries
- Cultivated/disturbed land - arable
- Improved grassland
- Other Woodland - mixed, mainly broadleaved

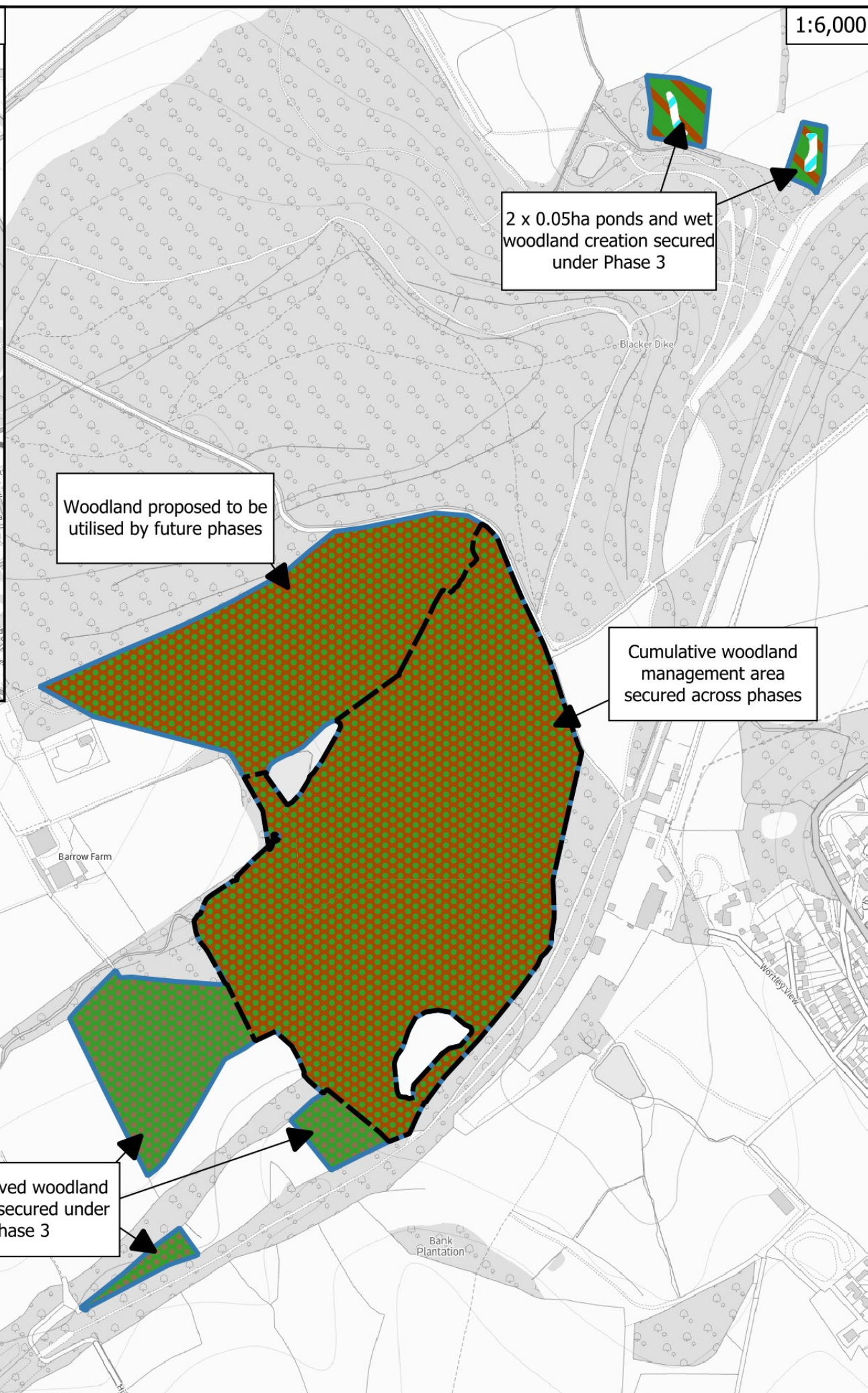
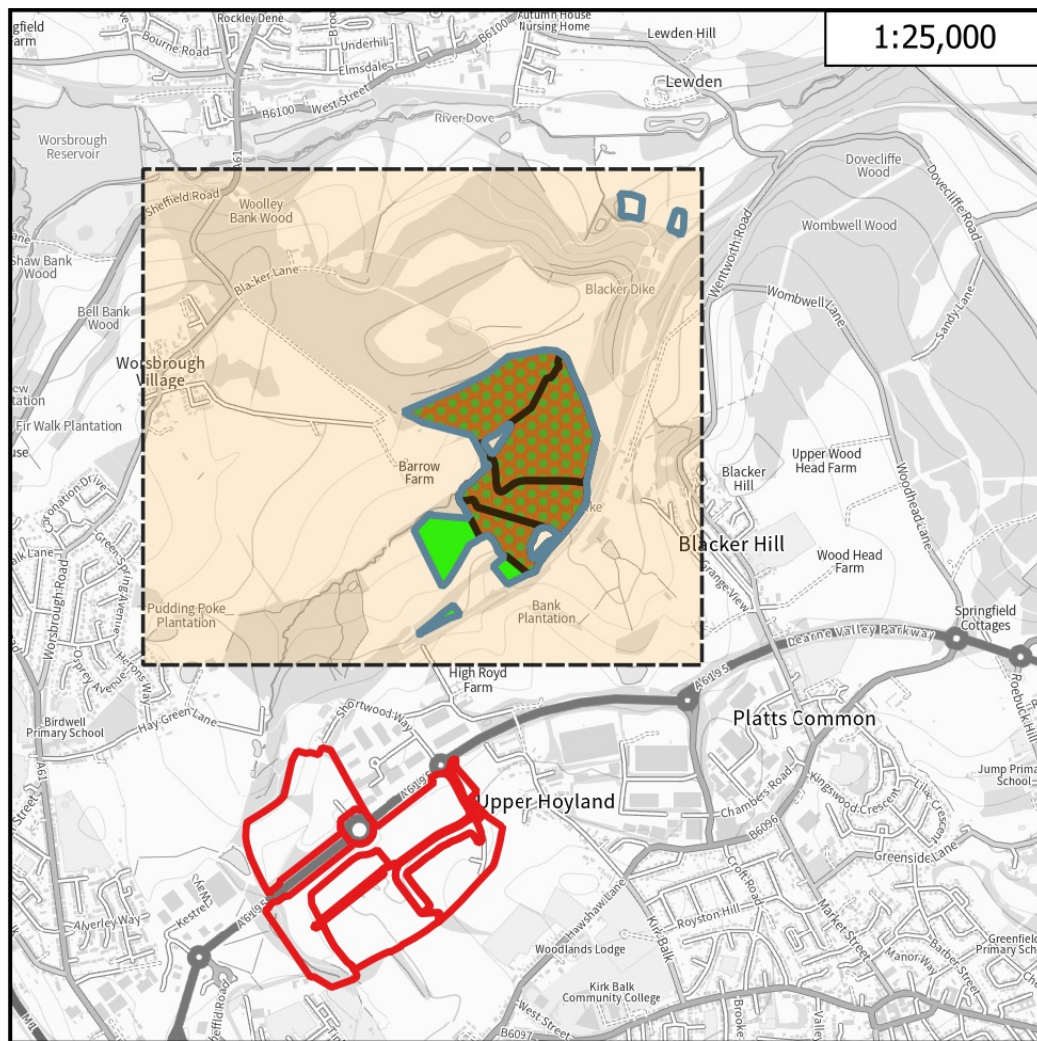
date 03/03/25 drwn/chkd JDH

client **Harworth Group PLC**

project **Unit 7 Gateway 36**

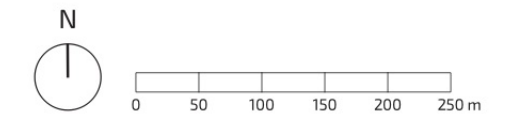
title **Offsite Cumulative Baseline** scale 1:6,000 @ A3

number **FIGURE 4** rev **A**



This drawing is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of FPCR Environment and Design Ltd

Ordnance Survey material - Crown Copyright. All rights reserved. Licence Number: 100019980 (Centremapslive.com)



**Key**

- Application Redlines
- Offsite boundary
- Cumulative woodland management area
- Broadleaved woodland - plantation
- Other Woodland - mixed, mainly broadleaved
- Standing water
- Wet Woodland

date 03/03/25 drwn/chkd JDH

client **Harworth Group PLC**

project **Unit 7 Gateway 36**

title **Offsite Cumulative Proposals** scale 1:6,000 @ A3

number **FIGURE 5** rev **A**

**FPCR Environment and Design Ltd**

Registered Office: Lockington Hall, Lockington, Derby DE74 2RH  
Company No. 07128076. [T] 01509 672772 [E] mail@fpcr.co.uk [W] www.fpcr.co.uk

This report is the property of FPCR Environment and Design Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without the written consent of FPCR Environment and Design Ltd. Ordnance Survey material is used with permission of The Controller of HMSO, Crown copyright 100019980.