Robinwood Activity Centre, Maes y Nant

Bangor Rd, Marchwiel, Wrexham LL13 0TF

Green Infrastructure Statement

14th April 2026



Produced by Wildbanks Conservation

www.wildbanksconservation.com

1.0 INTRODUCTION

1.1 This document has been prepared on behalf of Robinwood Activity Centre and provides a Green Infrastructure Statement (GIS) undertaken for the proposed development within Robinwood Activity Centre, Maes y Nant, Bangor Rd, Marchwiel, Wrexham LL13 0TF (approximate OS Grid Ref: SJ 37402 46965). This Statement has been prepared in conjunction with a Preliminary Ecological Appraisal, which details the potential ecological constraints for building a new detached meeting room within Robinwood Activity Centre, results of the mitigation and biodiversity enhancement measures that are specific to protected species are repeated in this Statement to provide a full picture.

1.2 A GIS is required by Wrexham County Borough Council to ensure that the development avoids and/or minimises impact on biodiversity and ecosystems, and provides opportunities for biodiversity enhancement, whilst increasing ecosystem resilience.

1.3 The redline boundary of the proposed development site consists of an area of hardstanding, shrubs (i.e. ornamental and native) and a mature tree, and is defined on Figure 1. The proposed new building will occupy all of the redline boundary footprint, therefore, all of the land within the redline boundary will be affected by the proposed development. For the purpose of this Report the land within the redline boundary is hereto referred to as "the Site".

1.4 A Visual Assessment was undertaken on 1st April 2026 by Jack Halpin BSc ACIEEM & Tanya Cobb BSc, Team Leader and Assistant Ecologist at Wildbanks Conservation, with 8 and 3 years' experience in ecological consultancy, respectively, and overseen by Mick Smith BSc MCIEEM, Director of Wildbanks Conservation, 18 years' experience in ecological consultancy.



Figure 1. Aerial map showing development boundary outlined red and wider landownership boundary, Robinwood Activity Centre, outlined blue. (Imagery ©2026 Airbus, Bluesky, Infoterra Ltd & COWI A/S, Maxar Technologies, Map data ©2026)

2.0 GREEN INFRASTRUCTURE STATEMENT

Form completed by:	Wildbanks Conservation – Tanya Cobb
Date:	14/04/2026
Address of site:	Robinwood Activity Centre, Maes y Nant, Bangor Rd, Marchwiel, Wrexham LL13 0TF
Grid reference:	SJ 37402 46965
Description of Proposal:	Build new detached meeting room within an area of Robinwood Activity Centre.

1. Details of all existing green infrastructure on site and approximate size:

Boundary 1:	N/A
Boundary 2:	N/A
Boundary 3:	N/A
Boundary 4:	N/A
Front Garden:	N/A
Rear Garden:	N/A
Other:	The Site does not contain traditional boundaries or gardens associated with a dwelling. The Site (120m2) is entirely comprised of hardstanding (40m2), shrubs (i.e. ornamental and native) (80m2) and one immature Horse chestnut tree.

2. What green infrastructure features (trees, hedges, hedgebanks) have already been removed from site and/or require removal to facilitate the development (add lengths or areas)?

Boundary 1:	N/A
Boundary 2:	N/A
Boundary 3:	N/A
Boundary 4:	N/A
Front Garden:	N/A
Rear Garden:	N/A
Other:	The shrubs (i.e. ornamental and native) (83m2) and one immature Horse chestnut tree are due to be removed.

3. How are the retained features being protected during development (BS5837:2012)?

Boundary 1:	N/A
Boundary 2:	N/A
Boundary 3:	N/A
Boundary 4:	N/A
Front Garden:	N/A
Rear Garden:	N/A
Other:	No green infrastructure on Site will be retained. The proposed works will include the entire site footprint.

4. What Green Infrastructure is being planted as mitigation for losses?

Boundary 1:	N/A
Boundary 2:	N/A
Boundary 3:	N/A
Boundary 4:	N/A
Front Garden:	N/A
Rear Garden:	N/A
Other:	A 50m native hedgerow will be planted within the wider landownership boundary.

Hedgerow Planting

The hedge planting will consist of the planting mix shown in Table 1, or similar depending on tree availability. Plants used will be of a minimum of 1 + 1 age (40-60cm) and planting will be carried out at a density of 9 per metre in a triple staggered row. Each tree planted will be guarded using a "Bio-Earth Biodegradable Plastic-Free Tree Shelter Guard", wooden stakes and re-usable cable ties. These guards are plastic free and biodegradable, making them a more sustainable option that tradition plastic guard types.

Table 1. Hedge species planting mix.

Species	Common name	Proportion (%)	# of Trees
Corylus avellana	Hazel	35	160
Sambucus nigra	Elder	20	90
Sorbus aucuparia	Rowan	20	90
Viburnum opulus	Guelder rose	15	65
Euonymus europaeus	Spindle	10	45

5. Biodiversity enhancements

The enhancements do not need to be directly attached to the proposed new construction; they can be attached to the host dwelling or placed within the garden, but they do need to be on land within the red or blue line. The principle is that the enhancements should lead to a 'net benefit' for biodiversity. The following biodiversity enhancements have also been added:

√	**Measure**	**Plan**	**Details**
Yes	**Boxes.** (state type and number) Please make sure they are currently available to buy.	Submit a plan of location and photos of elevation if available.	Height or aspect
	One Barn Owl box.	See plan below	Installed on a tree within the wider landownership boundary.
No	**Hedgerow**. Total new or restored length.	Submit plan of location.	Calculate number of each species using information in the guidance above. Ensure that you can easily purchase the species proposed.
Yes	**Tree/orchard planting**. Number of trees.	Submit planting plan.	Size of tree (at time of planting), species (full Latin name) and any proposed protection measures.

<table>
<tr><td></td><td>130m2 of scrub tree planting as mitigation for GCN.</td><td>See plan below</td><td>Plants used will be of a minimum of 1 + 1 age (40-60cm) and planting will be carried out at a density of approximately one plant per metre, distributed in a randomised pattern to encourage structural diversity within the scrub. Each tree planted will be guarded using a “Bio-Earth Biodegradable Plastic-Free Tree Shelter Guard”, wooden stakes and re-usable cable ties.
<table>
<tr><th>Tree Species</th><th>Latin Name</th><th>Proportion (%)</th><th># of Trees</th></tr>
<tr><td>Hawthorn</td><td>Crataegus monogyna</td><td>35</td><td>50</td></tr>
<tr><td>Hazel</td><td>Corylus avellana</td><td>20</td><td>25</td></tr>
<tr><td>Guelder rose</td><td>Viburnum opulus</td><td>15</td><td>20</td></tr>
<tr><td>Crab apple</td><td>Malus sylvetris</td><td>10</td><td>15</td></tr>
<tr><td>Rowan</td><td>Sorbus aucuparia</td><td>5</td><td>5</td></tr>
<tr><td>Wild cherry</td><td>Prunus avium</td><td>5</td><td>5</td></tr>
<tr><td>Holly</td><td>Ilex aquifolium</td><td>5</td><td>5</td></tr>
<tr><td>Wych elm</td><td>Ulmus glabra</td><td>5</td><td>5</td></tr>
</table></td></tr>
<tr><td>No</td><td>Wildflower grassland (area in m2).</td><td>Submit plan of location.</td><td>Species mix and site preparation details. Confirm that appropriate management is achievable.</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td>No</td><td>Pollinator shrub planting. Area in m2.</td><td>Submit plan of location.</td><td>Species proposed (latin names)</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td>No</td><td>Wildlife ponds. Number of.</td><td>Submit plan to scale including cross-section.</td><td>Details on lining or any proposed planting.</td></tr>
</table>

No	**Hibernacula.** Number of.	Submit plan of location.	Brief description of materials proposed.
No	**Any other measures.**		

6. Management and maintenance.

Any information on the long-term management and maintenance of the enhancements.

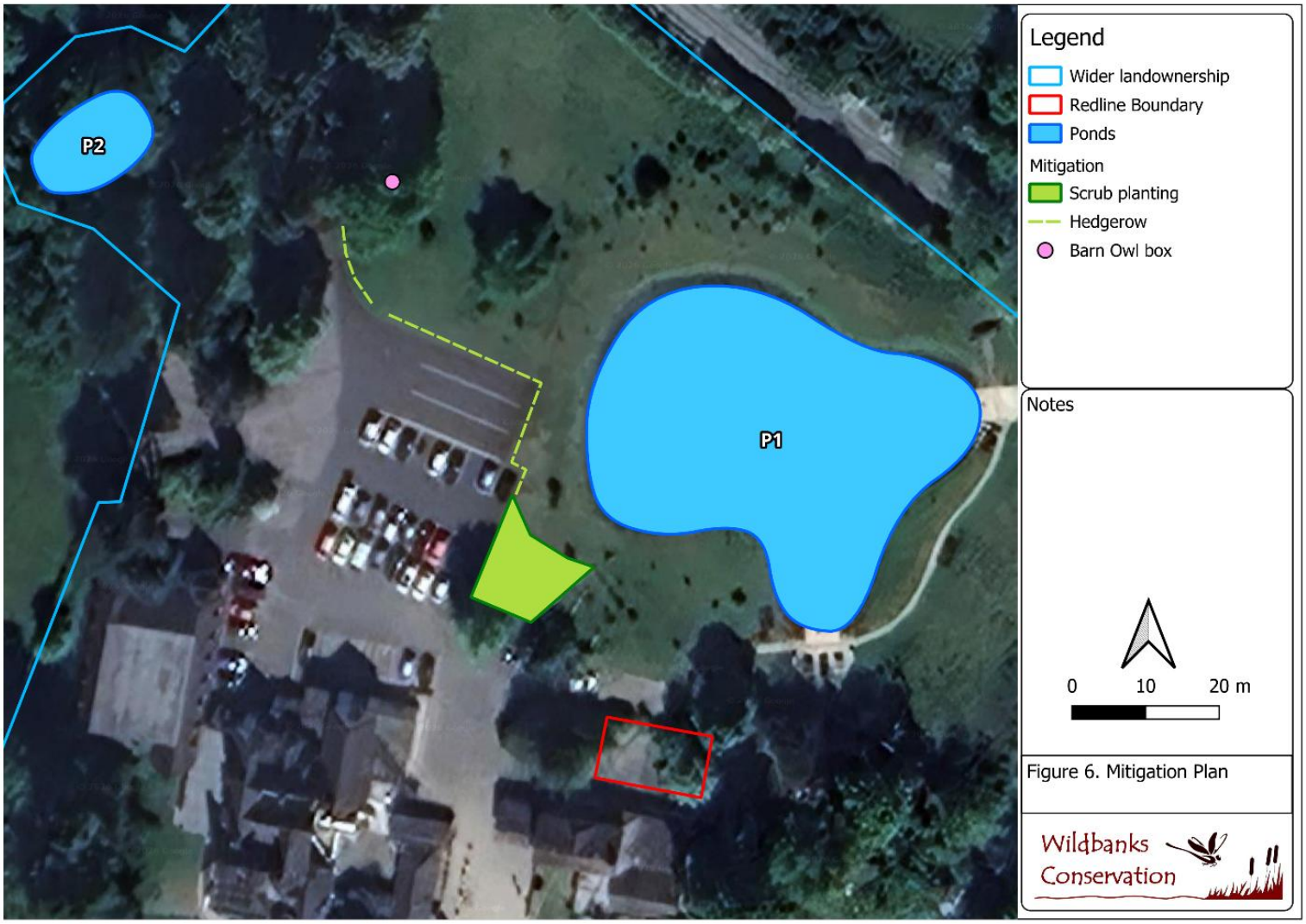
The bottom of the hedge will be mulched with woodchip annually. This will suppress weed competition and retain moisture within the roots encouraging quick establishment. In severe drought conditions the hedge and scrub planting will be watered as required. A yearly check of the hedge and scrub trees will take place for 3 years, by the landowner, to ensure establishment. This check will include the replacement of any broken stakes or guards followed by replanting of any dead trees the following winter, replenish woodchip mulch within the hedgerow and watering newly planted trees, where necessary. The guards and stakes will be checked to ensure that they still stand upright and are stable in the ground.

A 1.2m gap will be left within the hedge to allow access though it for maintenance to the grassland.

7. Conclusion

Based on the information provided above, this development will result in a **Green Infrastructure and Net Biodiversity Benefits** upon completion.

8. Sketch plan (Insert plan showing the features of the development



9. Site photos (as required)



Plate 1. Northern aspect of the Site.



Plate 2. Southern aspect of the Site.



Plate 3. Proposed area of hedgerow planting by car park shown by green dashed line.



Plate 4. Proposed hedgerow planting (green dashed line) and area of scrub planting (green area).