

## PLAS PENRHYN ECOLOGY EXECUTIVE SUMMARY

| CONTENTS                                    | SUMMARY  |
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| Site Location                               | An area of land of Plas Penrhyn, Penrhyn Side, Conwy, Wales  |
| Approximate Central Grid Reference          | SH 8161 8143   |
| Development Proposals                       | Site clearance and construction of up to 25 new build affordable homes and associated infrastructure   |
| Scope of this Survey(s)                     | Extended phase 1 habitat survey including a risk assessment for protected / notable species and invasive species. The survey was undertaken to identify any potential ecological constraints to development of the site and provide advice for works to comply with UK and /or European nature conservation legislation.   |
| Designated Sites                            | There are 13 Statutory designated sites within 2km of the site including three of European Conservation Interest, Coedwigoedd Penrhyn Creuddyn / Creuddyn Peninsula Woods (SAC), Y Fenai a Bae Conwy / Menai Strait and Conwy Bay (SAC) and Liverpool Bay / Bae Lerpwl (Wales) (SPA), and 13 non statutory designated sites.   |
| Priority Habitats                           | There are two UK BAP, Environment (Wales) Act 2016 Section 7 priority habitats within or immediately adjacent to the survey area: <ul style="list-style-type: none"> <li>• Neutral grassland</li> <li>• Hedgerows</li> </ul>   |
| Protected / Priority Species                | The site supports, or has the potential to support the following protected and priority species: <ul style="list-style-type: none"> <li>• Foraging bats</li> <li>• Birds/nesting birds</li> <li>• Slow-worm</li> <li>• Hedgehog</li> </ul>   |
| Recommendations for Further Survey          | It is recommended that the following surveys are undertaken. <ul style="list-style-type: none"> <li>• Bat activity survey (transect survey), and</li> <li>• Reptile survey.</li> </ul>   |
| Reasonable Avoidance Measures               | <ul style="list-style-type: none"> <li>• Retain peripheral trees and hedgerows where possible, implement measures to prevent root damage to these features;</li> <li>• Avoid vegetation clearance during the bird nesting season (March until August (inclusive) or, if necessary, preceded by a search for nesting birds by a suitably qualified and experienced ecologist;</li> <li>• Avoid illuminating retained or adjacent habitat (hedgerows and trees) within or adjacent to the site as it could disrupt bat commuting and foraging areas; and</li> <li>• Contractors to be made aware of the potential presence of hedgehogs, which if encountered should be carefully moved to a 'safe area'.</li> </ul> |
| Recommendation for enhancements to the site | Landscaping of the site should provide: <ul style="list-style-type: none"> <li>• Areas of native planting of local provenance where possible;</li> <li>• Use of plants which bear berries / seeds where possible;</li> </ul>   |

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|  | <ul style="list-style-type: none"><li>• Bird boxes (sparrow terraces – birdbrickhouses / schwegler or similar) to be incorporated into the walls of at least 5 of the properties;</li><li>• Bat boxes: Habibat / birdbrickhouses or similar to be incorporated into at least x5 of the properties;</li><li>• Hedgehog highways consisting of 15 x 15cm gaps will be incorporated into the fences of the properties to allow hedgehogs to forage across the gardens.</li></ul> |
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