



## 1.0 Biodiversity Action Plan for the Site

### 1.1 Background

WYG was commissioned by Barratt Homes to write a 'Biodiversity Action Plan' (BAP) for the site with the aim of protecting notable habitats and species recorded within the boundary and enhancing the site in terms of biodiversity. This BAP outlines methods to encourage wildlife and biodiversity at the site.

To maintain the favourable conservation status of notable habitats and species recorded within the proposed development site boundary, avoidance and mitigation measures have been identified within the table below. These measures are based on best practice guidance and will allow the scheme to comply with legislation and planning policy. Where possible, the notable habitats and habitats which support protected and notable species have been retained within the planning layout (drawing number ST-10-04 E). Enhancement measures will also be implemented to improve the ecological value of the site, alongside appropriate management of the habitats following completion of the works.



## Station Road, Hayling Island: Biodiversity Action Plan

| Habitat / Species    | Avoidance                                                                                                                                                                                                                                                                           | Mitigation                                                                                                                                                                                                                                                             | Enhancement                                                                                                                                                                                    | Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Arable field margins | The existing grassland margins have been retained and incorporated within the planning layout with the exception of a small section of grassland (0.08ha) where the access road breaches the southern boundary. These margins include the ditches present on site.                  | The arable margins will be retained with additional grassland habitat created adjacent to the SUDS pond to the north to mitigate for the small loss of habitat at the site access. The total habitat area will be 0.36ha.                                              | The additional habitat to the north of the site and hedgerow planting (see below) will increase habitat connectivity for the grassland margins, and the species present.                       | The grassland margins will only be cut once a year during November to a height no shorter than 150mm. Ditch vegetation will be cut to a height of 150mm and sediment removed once ditch volume is reduced by 25%. Management will be undertaken in 10m lengths with a minimum of 10m left undisturbed between managed sections to minimise the risk of impacts to wildlife present. No herbicides or pesticides will be used during management of ditches. Debris and rubbish will be removed from all ditch sections during any management visit. |
| Hedgerows            | The majority of hedgerows will be retained at the site and the hedgerows on site are not considered to be 'Important' under the Hedgerow Regulations 1997.<br><br>However, there will be two gaps created to allow access into the commercial area of the site. These will be along | To mitigate for the 21m of hedgerow which will be removed along the western boundary, planting totalling 240m will take place along the northern boundary of the site where no hedgerow is currently present. There will be a net gain in hedgerows as a result of the | A total of 240m of additional hedgerow planting will take place. By creating a new hedgerow will be planted along the northern boundary, connectivity to the wider landscape will be improved. | Hedgerows will be cut outside of the nesting bird season (March to September inclusive).                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



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| Habitat / Species | Avoidance                                                                                                                                        | Mitigation                                                                                                                                                                                                                                                                                                                                     | Enhancement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Management |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                   | the western boundary with Furniss Way and will total 21m.                                                                                        | development.                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |
| Bats              | According to the current proposed planning layout, a buffer of hedgerow, grassland and trees will be retained around the boundaries of the site. | The lighting across the development footprint will be sensitively designed with bats in mind, so that potential existing and new commuting routes are not impacted by the development. This will include positioning column lights facing downwards with hoods where necessary to prevent light spill in excess of 1 lux on boundary habitats. | <p>A new hedgerow will be planted along the northern boundary comprising a diverse mix of native species, increasing connectivity for bats around the site and within the wider area.</p> <p>A diverse collection of native planting will be incorporated into the landscaping design within the proposed development site. Structurally diverse vegetation and inclusion of native evening-blooming plants will attract insects which in turn will help to enhance the site for foraging bats.</p> |            |



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| Habitat / Species      | Avoidance                                                                                                                                                                                                                                                                                                 | Mitigation                                                                                                                                                                                                                                                                                                                                                                                                                                         | Enhancement                                                                                                                                                                                | Management                                                                                                                                                                                                                                                                                  |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reptiles (slow worms)  | The existing grassland boundaries around the site will be retained. The only areas of reptile habitat which will be lost as a result of the proposed development is a small section of grassland and scrub (0.08ha) at the southern extent of the site where the residential site access will be located. | <p>The arable margins will be retained with additional grassland habitat created adjacent to the SUDS pond to the north to mitigate for the small loss of habitat at the site access. The total habitat area will be 0.36ha.</p> <p>The slow worm population is likely to be low due to the small area of available habitat. Reptiles present will be displaced into the retained grassland field margins through phased vegetation clearance.</p> | Additional grassland for reptiles will be created to the north of the site around the proposed SUDS pond.                                                                                  | The grassland habitats on site will be managed sensitively for reptiles i.e. tall grassland will be cut once a year during November to no shorter than 150mm.                                                                                                                               |
| Brent geese and waders | The planting of winter wheat will be avoided in the planting season prior to construction in order to avoid potential disturbance of wintering birds foraging in these fields.                                                                                                                            | <p>A 1.5ha pasture field has been converted back to arable use in order to compensate for the loss of foraging habitat as a result of the development.</p> <p>Species-poor hedgerow and</p>                                                                                                                                                                                                                                                        | A new hedgerow will be created along the northern boundary of the site which will reduce the potential for disturbance of wintering birds during the operational phase of the development. | <p>Scrub and ruderal vegetation within the arable fields will be managed to maintain sightlines for wintering birds.</p> <p>A cropping plan will be followed in order to maintain a rotating crop regime within the wider area and to ensure that suitable foraging sites are available</p> |



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| Habitat / Species | Avoidance | Mitigation                                                                                                                                                                                                                                                                                                                                                                  | Enhancement | Management          |
|-------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
|                   |           | <p>scrub surrounding this compensation site has been removed in order to improve sight lines for wintering birds and increase the likelihood of these fields being used for foraging.</p> <p>A number of gaps in the western boundary fencing along the Billy Trail will be repaired in order to reduce disturbance to wintering birds in the fields to the north west.</p> |             | <p>each winter.</p> |