



West Winch Housing Access Road

Environmental Statement Chapter 1: Appendix 1: EIA Scoping Report Annex D

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1 Additional information – in support of Biodiversity (chapter 5)

1.1 Figures

1.1.1 The below figures provide supporting visual information with regards to Chapter 5 (Biodiversity) of the main text of Appendix 1.1 (EIA Scoping Report). The figures all include the outline / route of the proposed scheme and contain information such as the proximity of structures to the proposed scheme boundary.

1.2 Structure Roosting Bats

1.2.1 An assessment of the scheme and the likely impacts upon structure roosting bats within 50m of the scheme boundary has been undertaken and multiple structures will require emergence/re-entry surveys due to the potential for impacts upon any bat roosts present. Due to the ongoing restrictions to bat work due to COVID-19, internal inspections of residential buildings cannot be carried out and therefore, only external inspections are possible. Buildings that are considered unlikely to be impacted by the scheme have been scope out of this assessment. Justification for those buildings that are scoped in and scoped out of are presented below.

1.3 Buildings Scoped In

1.3.1 The following buildings that are located within 50m of the scheme boundary and are considered likely to be impacted upon by the scheme.

1.3.2 Hardwick Farm (Figure 1.1) contains multiple buildings within 50m of the scheme. Due to the change in road layout along the A47 which will lead to loss of commuting habitat associated with these buildings and the likely increase in light pollution these buildings have been scoped in.



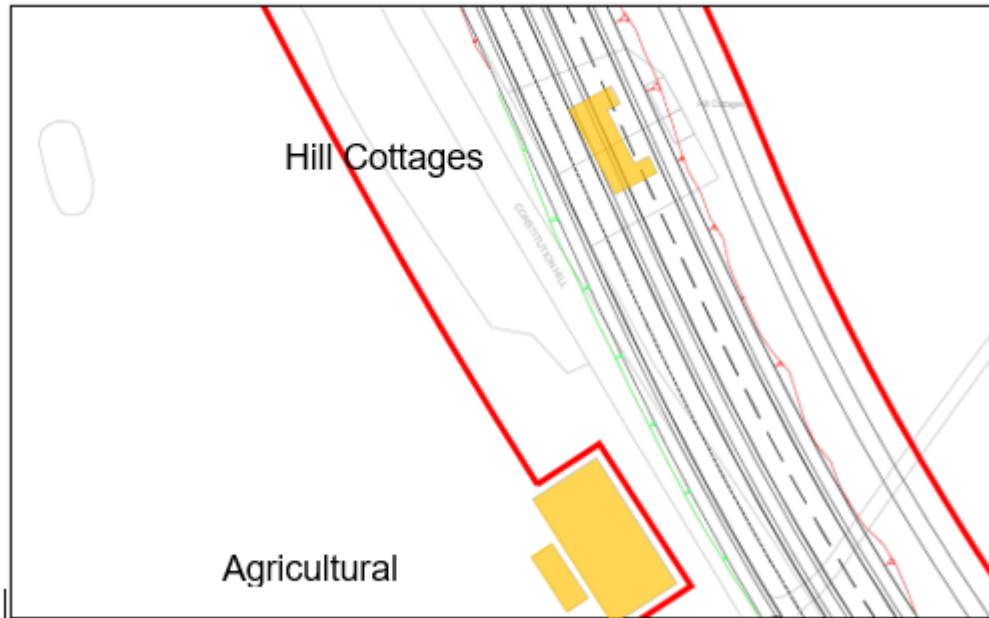
Figure 1.1- Figure showing complex of agricultural buildings at Hardwick Farm, northwest of Hardwick Interchange



1.3.3 Hill Cottages (Figure 1.2) will be lost to the scheme and as such are scoped into the assessment. The agricultural barns are also likely to be impacted through increased traffic noise, increase in bat traffic collisions, increased light pollution and through loss of commuting habitat, as such these buildings are scoped into the assessment.



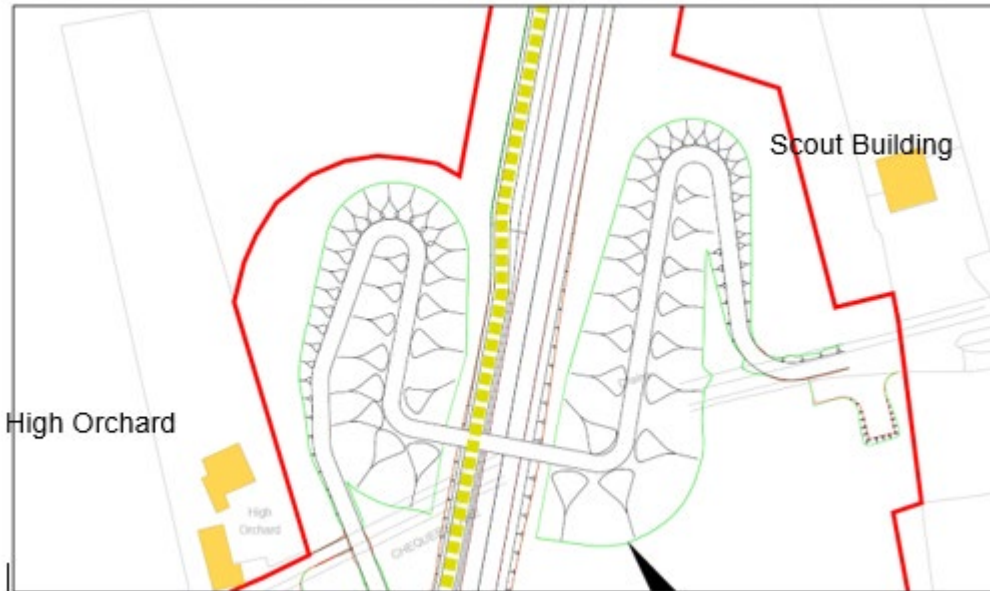
Figure 1.2 - Figure showing location of Hill Cottages and agricultural barn adjacent to the A47.



1.3.4 High Orchard and the scout building (Figure 5-3) are in close proximity to the scheme and extensive construction works which are likely to impact potential roosts within these buildings through lighting and noise. The hedgerow along Chequers Lane will also be lost to the scheme which could sever important commuting corridors. These buildings are therefore scoped into the assessment. Static detector surveys along Chequers Lane



Figure 1.3 - – Figure showing location of High Orchard, west of the scheme and the single storey scout building, east of the scheme along Chequers Lane.



1.4 Buildings Scoped Out

- 1.4.1 The following buildings are located within 50m of the scheme boundary but are considered unlikely to be impacted upon through the scheme.
- 1.4.2 A number of industrial buildings are located within 50m of the scheme, adjacent to the existing A47. The suitability of these buildings for roosting bats is limited due to their design and use as well as poor quality foraging and commuting habitat in close proximity. In addition, the buildings will be retained within the proposals and the impacts from the scheme such as lighting, and noise are unlikely to exceed the prevailing levels.

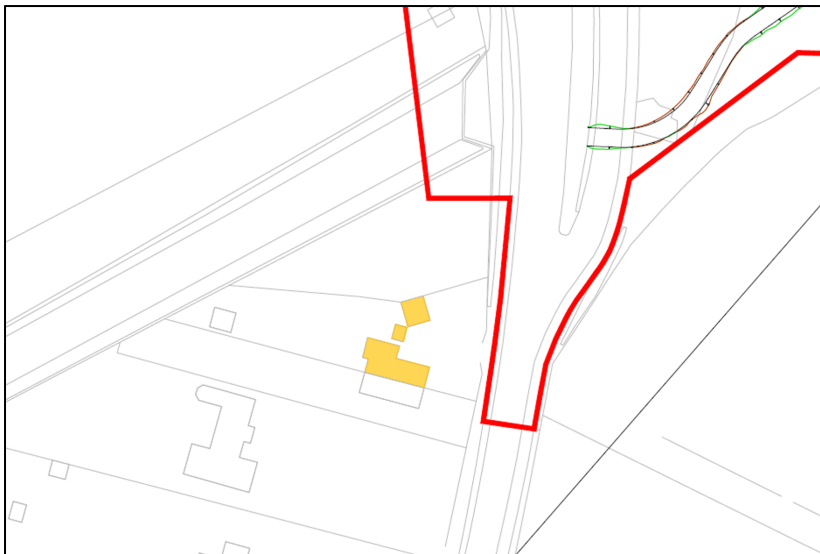


Figure 1.4 - Figure showing location of industrial buildings adjacent to the A47.



1.4.3 A single residential building (Figure 5-5), south of the Hardwick Interchange on the A10, is located within 50m of the scheme boundary. The proposed works within this section of the scheme are likely to include minor works such as road resurfacing and the creation of the access route to the new SuDS pond. The impacts from these works are considered unlikely to have any significant impacts upon any potential roost within this building.

Figure 1.5 - Figure showing residential Building adjacent to A10, south of the Hardwick Interchange.



1.4.4 Brook Farm, Burwick and Ivy Cottage (Figure 5-6) are located to the west of the scheme along Rectory Lane. It is anticipated that the scheme could result in severance of commuting features through the removal of the hedgerow



along Rectory Lane and the importance of this potential commuting route will be assessed using static surveys which will inform scope of mitigation if required. There are no anticipated impacts from the scheme upon potential bat roosts within these buildings due to their distance from construction areas.

- 1.4.5 Residential buildings are also located to the east of the scheme (Figure 5-7), these have also been scoped out of the surveys as there are no direct impacts anticipated upon these buildings and as discussed above, severance effects will be assessed through static detector surveys.



Figure 1.6 - Figure showing Brook Farm, Burwick and Ivy Cottage, west of the scheme along Rectory Lane

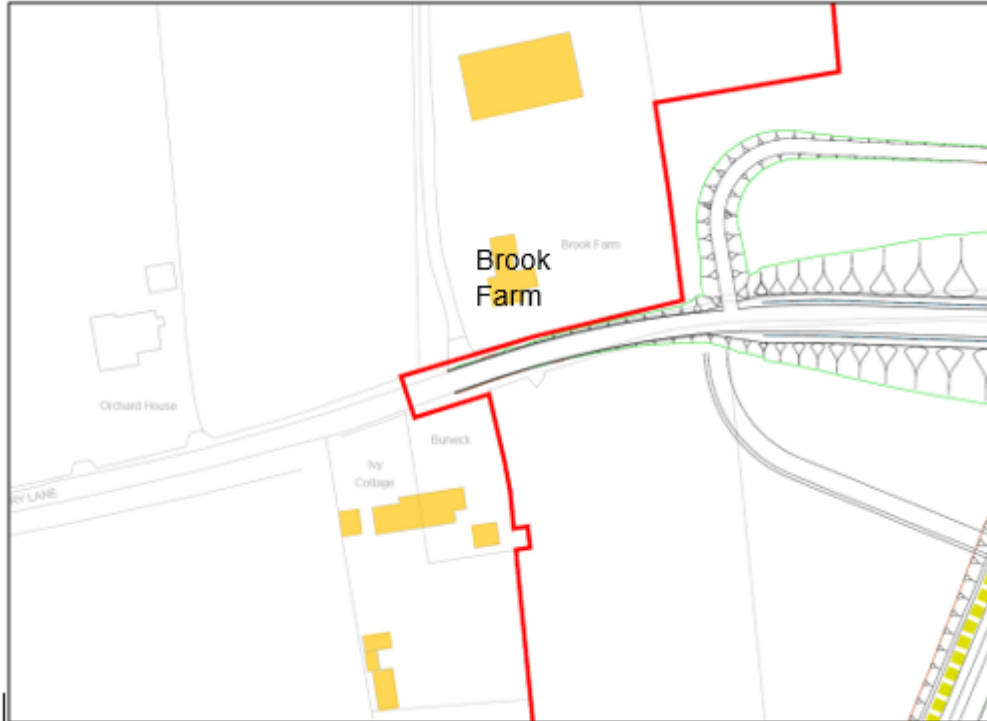


Figure 1.7 - Figure showing Field View, Fieldside Cottages and Rectory, east of the scheme



1.4.6 A number of residential buildings are located within the south of the scheme, along the existing A10 the impacts from the scheme such as noise and



lighting are considered unlikely to significantly exceed the existing levels in this area due to their proximity to the A10.

Figure 1.8 – Figure showing residential properties to the south of the scheme, adjacent to the A10

