



Mr & Mrs Newman  
Green End Farm  
Over Road  
Longstanton  
Cambridgeshire  
CB24 3DW

Date: 19<sup>th</sup> June 2023

## **Re: Biodiversity Net Gain Assessment for Condition Discharge at Green End Farm Over Road Longstanton CB24 3DW.**

### ***Application Reference 20/02970/FUL Condition 10:***

*Prior to the commencement of development above slab level a scheme of biodiversity enhancement shall be supplied to the local planning authority for its written approval. The scheme must include details as to how a 10% net gain in biodiversity has been accomplished. The approved scheme shall be fully implemented within an agreed timescale unless otherwise agreed in writing.*

### ***Biodiversity Net Gain***

To determine if measurable net gain could be achieved for the proposed development, the Natural England (Small Sites) Metric 4.0 was consulted. The post development site area figures for assessment were provided by Sylvia Newman Garden Design with habitat assessment by Skilled Ecological Consultancy Ltd. informed by a Preliminary Ecological Appraisal, March 2020 and included:

- Total site area 770m<sup>2</sup>
- Existing Grass (Modified Grassland – Poor Condition, sheep grazed) 770m<sup>2</sup>

The proposal would include:

- Total site area 770m<sup>2</sup>
- New Buildings & Hardstanding (excluding Water Rill and Extensive Green Roof) 208m<sup>2</sup>
- New Grassland (Modified- Moderate Condition) 350m<sup>2</sup>
- New Sustainable Drainage Feature (Water Rill) 28m<sup>2</sup>
- Eight New Trees to be planted on site assessed as medium urban trees maintained in moderate condition.
- Extensive Green Roof (Sedum) 124m<sup>2</sup>

- Other urban shrub planting 60m<sup>2</sup>

Using the above figures, the assessment provided a headline figures:

- Existing habitats 0.3080
- Post Development Habitats 1.0594
- Total Percentage Increase of 243.97%

The assessment assumes that the Water Rill will take some rainwater from the roof and that the grassland will be managed for the benefit of local wildlife and include limited mowing.

With the above followed, as described, the proposed development could proceed exceeding the required 10% net gain for Habitats. No existing hedgerows or river habitats will be impacted no new hedgerows or river habitats are proposed. Therefore, condition 10 can be discharged.

Yours sincerely,



Roger Spring BSc MCIEEM

### **References**

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English Nature (2004). *Bat Mitigation Guidelines Version 2004*. English Nature, Peterborough.

Ministry of Housing, Communities and Local Government (2021). *National Planning Policy Framework, February 2021*. Fry Building, London.

Natural England (2008). *Template for Method Statement to support application for licence under Regulation 44(2) (e) in respect of Great Crested Newts Triturus cristatus*. Form wmla14-2\_tcm6-4103. Natural England, Peterborough.

Oldham, R.S., Keeble, J., Swan, M.J.S. and Jeffcote, M. (2000). *Evaluating the Suitability of Habitat for the Great Crested Newt (Triturus cristatus)*. Herpetological Journal Vol. 10 pp. 143-155.

Skilled Ecology Consultancy Ltd. (2020). *Preliminary Ecological Appraisal Green End Farm*. Skilled Ecology Consultancy Ltd., Clare.

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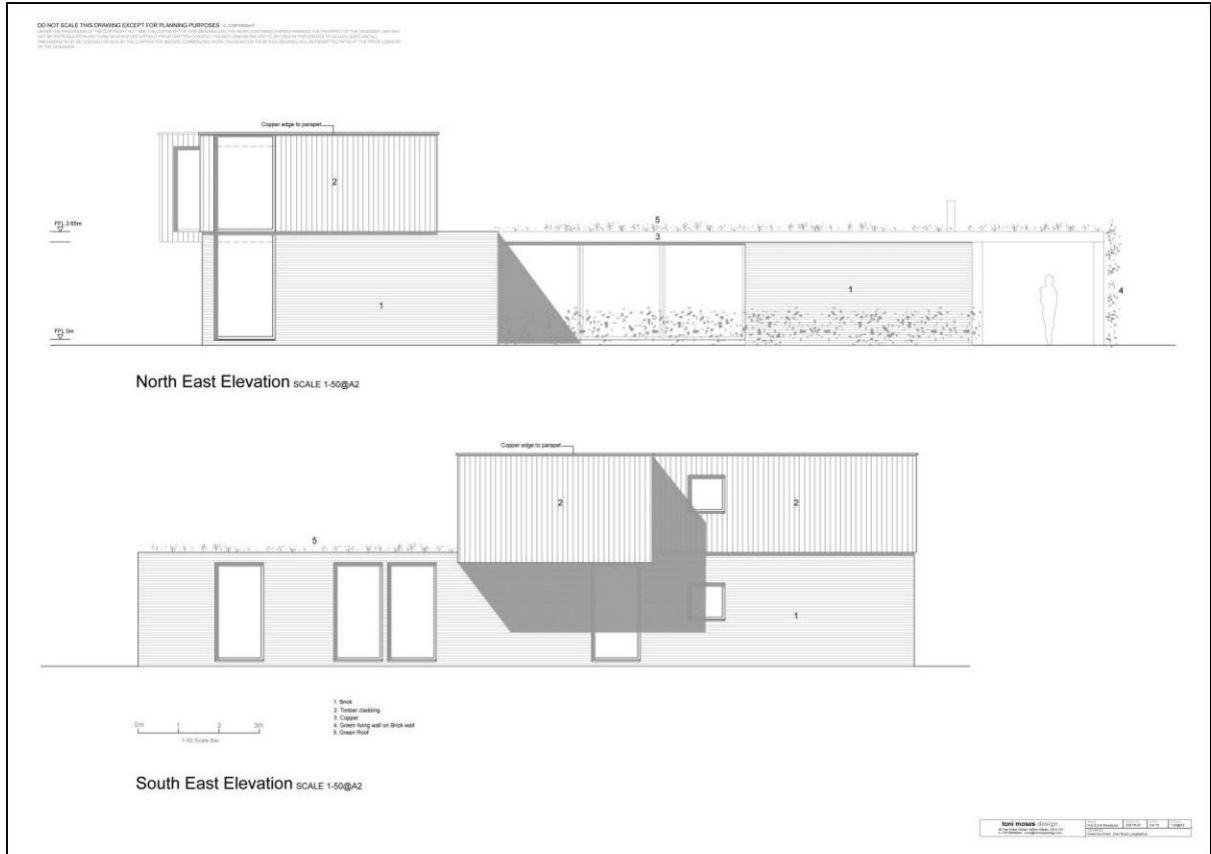
# APPENDICES

## Appendix 1: Figures & Photographs

Figure 1: Proposed development.



Figure 2: Proposed development.



**Photograph 1: Main site area (short sheep grazed grass).**



**Figure 3: Headline BNG results for proposed development.**

Site Name		Green End Farm Over Road Longstanton CB24 3DW
Sheet Name		Headline Results
<b>Headline Results</b>		
Headline		BNG Targets Met ✓
Trading Rules		Trading Rules Satisfied ✓
Next steps		Submit metric to LPA
Baseline Units	Habitat units	0.3080
	Hedgerow units	Zero Units Baseline
	River units	Zero Units Baseline
Post-development Units	Habitat units	1.0594
	Hedgerow units	0.0000
	River units	0.0000
Total net unit change	Habitat units	0.7514
	Hedgerow units	0.0000
	River units	0.0000
Total net % change	Habitat units	243.97%
	Hedgerow units	% target not appropriate
	River units	% target not appropriate
Habitats units required to meet target		0.0000
Hedgerow units required to meet target		0.0000
River units required to meet target		0.0000

**Chart 1 - Unit change by habitat group**

