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17<sup>th</sup> October 2018

Land East of  
Chipping Lane,  
Longridge – Phase  
2/3

Badger Survey  
Report

Report Number: 11319\_R06a\_LRD\_MM

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# Section 1: Introduction

- 1.1 Tyler Grange LLP (TG) has been commissioned to prepare a badger survey for Phases 2 and 3 of proposed development to the immediate north of the settlement of Longridge (hereafter referred to as the 'site') to accompany a Reserved Matters planning application. The site is centred on Ordnance Survey (OS) grid reference SD 60476 37946 and extends to a total area of 10.56 hectares.
- 1.2 An Ecological Assessment (Document 2001/R08b) was originally prepared by TG in March 2015 to accompany an outline planning application (Reference 3/2014/0764). The ecological assessment found no evidence of badger within the site but suitable badger habitat was present within the site.
- 1.3 An updated badger survey was requested by the planning officer and is required as part of the outline permission under Condition 18, which states that,

*“Prior to the commencement of each phase of the development (approved pursuant to condition 4), the land within that phase shall be subject to a further survey to confirm the continued absence of badgers and badger setts and the results shall be submitted to the Local Planning Authority for approval in writing together with proposals for mitigation if required. The development shall be carried out in complete accordance with the approved survey(s).”*



## Section 2: Methodology

### Legislation

- 2.1. Eurasian badger *Meles meles* is covered by The Protection of Badgers Act 1992, which aims to protect the species from persecution, rather than being a response to an unfavourable conservation status. As well as protecting the animal itself, the 1992 Act also makes the intentional or reckless destruction, damage, or obstruction of a badger sett an offence.

### Desk Study

- 2.2. Lancashire Environmental Records Network (LERN) was contacted in July 2018 for updated records of badger occurring within 1km of the site boundary. No records were returned.

### Survey Methods

- 2.3. The survey was undertaken on 3<sup>rd</sup> September 2018 by Laura Dennis, a graduate member of the Chartered Institute of Ecology and Environmental Management (CIEEM). The weather was dry, with a gentle breeze, 100% cloud cover and temperature of 15°C.
- 2.4. The survey comprised a search for setts and field signs indicating use by badger within the site, and within 30m of the site boundary (where access allowed), refer to **Appendix 1** for site boundary. Field signs indicating the presence of badger may include setts, pathways/runs, latrines/dung pits, prints and guard hairs caught on fences/vegetation.
- 2.5. Any sett found was examined and assigned to one of four categories as defined by Harris *et al.* (1989) and used in various National Badger Surveys (Wilson *et al.*, 1997). The number of holes comprising each sett was recorded and setts classified as disused, partially-used or well-used. Sett descriptions and categories of use are set out in **Tables 2.1** and **2.2**.

**Table 2.1: Classification of badger setts**

Type of Badger Sett	Description
Main Setts	These usually have a large number of holes with large spoil heaps, and the setts generally look well used. There will be well-used paths to and from the sett and between sett entrances. Although normally the breeding sett is in continuous use, it is possible to find a main sett that has become disused due to excessive digging or some other reason; it should be recorded as a disused main sett.
Annex Setts	These are often close to a main sett, usually less than 150m away, and are usually connected to the main sett by one or more obvious well-worn paths. They usually have several holes, but may not be in use all the time even if the main sett is very active.
Subsidiary Setts	These often only have a few holes. They are usually at least 50m from a main sett, and do not have an obvious path connecting with another sett. They are not continuously active.
Outlier Setts	These usually have only one or two holes, often have little spoil outside the hole, with no obvious path connecting with another sett and are only used sporadically. When not in use by badgers, they are often taken over by foxes or even rabbits. However, they can still be recognised as badger setts by the shape of the tunnel (not the actual entrance hole), which is usually at least



Type of Badger Sett	Description
	250mm in diameter, and is rounded or a flattened oval shape. Fox and rabbit tunnels are smaller and often taller than broad.

**Table 2.2: Indicators of use of badger setts**

Classification of Use	Description
Well-Used	Clear of debris and vegetation, obviously in regular use.
Partially-Used	Not in regular use, with leaves or twigs in entrance or moss and other plants growing around the entrance.
Disused	Partially or completely blocked entrances, unable to be used without a considerable amount of clearance.

### *Survey Limitations*

- 2.6. The whole of the site was accessed during the survey and no significant limitations were encountered.

### *Quality Control*

- 2.7. All ecologists at Tyler Grange LLP are members of CIEEM and abide by the Institute's Code of Professional Conduct.



# Section 3: Survey Results and Recommendations

## *Results*

- 3.1 No badger setts were recorded within the survey area.
- 3.2 No other evidence of badger, such as latrines, snuffle holes, or pathways was recorded during the survey, either within the site or within 30m of the site boundary.

## *Recommendations*

- 3.3. Following the survey, it is considered that no badger setts are currently present on the site or within 30m that could be affected by the proposals and no specific mitigation is required.

## *Conclusion*

- 3.4. It is considered that the principles of the proposals are in conformity with legislation and policy.



# References

Harris, S., Cresswell, P. & Jeffries, D., 1989. *Surveying Badgers - Mammal Society Publication No. 9*. London: Mammal Society.

Wilson, G., Harris, S. & McLaren, G., 1997. *Changes in the British badger population, 1988 to 1997*. London: People's Trust for Endangered Species (PTES).



# Appendix 1: Proposed Planning Layout (Ref 459-PL04 rev 02)





**WARNING TO HOUSE PURCHASERS**  
**Property Misdescriptions Act 1991**  
 Buyers are warned that this is a working drawing and is not intended to be relied on as a definitive statement of fact in relation to any particular property or development, any of the specific matters mentioned by any other clause under the above act. The contents of this drawing may be subject to change of plan, site and availability and conditions can occur during the progress of the works without notice of the drawing. Consequently the buyer, from completion onwards, of the stated conditions may differ from those shown here on the contents of this drawing. Consequently a contract, part of any contract, or warranty.

**SCHEDULE OF ACCOMMODATION**

Ref	Barratt Type	House Type	Soft	No	Total Sqft	
<b>AFFORDABLE TYPES</b>						
<b>STANDARD</b>						
KEN	Kenley	2 Bedroom affordable mews	624	21	13104	
BRN	Brandon	3 Bedroom affordable mews	706	20	14120	
<b>ELDERLEY</b>						
BED	Bedale	2 Bed LTH Bungalow	594	7	4158	
BEL	Belmont	2 Bed LTH House	731	7	5117	
<b>AFFORDABLE TOTAL</b>						
					55	36499
<b>PRIVATE SALE TYPES</b>						
<b>ELDERLEY</b>						
BED	Bedale	2 Bed LTH Bungalow	594	7	4158	
BEL	Belmont	2 Bed LTH House	731	7	5117	
<b>STANDARD</b>						
MAI	Maldstone	3 Bed semi-detached house	830	26	21580	
MOR	Moresley	3 Bed dual aspect semi-detached house	854	18	15372	
KING	Kingville	3 bed townhouse	1072	14	15008	
LUT	Lutterworth	3 bed detached house	1001	5	5005	
ALD	Alderney	4 bed dual aspect detached house	1225	19	23275	
DER	Derwent	3 bed detached house	920	9	8280	
WIN	Windermere	4 bed detached house	1073	22	23606	
THD	Thornton	4 bed detached house	1202	4	12024	
HAI	Halton	4 bed detached house	1267	3	12672	
<b>PRIVATE SALE TOTAL</b>						
					129	123870
<b>Total number of units and square footage</b>					184	160369
<b>Gross Site Area in Acres</b>					26.11	
<b>Total Undevelopable area in acres</b>					14.15	
<b>Net Site Area in Acres</b>					11.96	
<b>Density (units per acre)</b>					15	
<b>Density (units per hectare)</b>					38	
<b>Square foot / Acre</b>					13,409	

**DRAWING KEY**

- (AF) AFFORDABLE DWELLINGS
- (EL) DWELLING FOR THE ELDERLY
- Ⓣ PROPOSED TRIM TRAIL ITEM
- ☉ TREE/ HEDGE TO BE REMOVED
- ☉ TREE/ HEDGE TO BE RETAINED
- ▨ BLOCK PAVORS (RED)
- Ⓞ PROPOSED INDICATIVE TREE PLANTING
- Ⓞ 1800mm TIMBER GATE

Rev	Description	Date	Drawn	Checked
02	Tree adjacent to emergency exit shown as removed	15-10-18	AA	
01	Site plan amended	12-10-18	AA	

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CHIPPING LANE LONGDRIDGE

PHASE 2 / 3  
 PLANNING LAYOUT

Design By	Scale	Scale @ A1	Drawing Number	Rev
AA	1:500	1:500	459-PL04	02

