Amendments

- [ ] Amended layout of buildings/outside areas
- [x] Additional background information
- [ ] Amended design
- [ ] Revised access arrangements
- [ ] Change of description of proposed development
- [ ] Change in site boundaries
- [ ] Other (as specified below)

ADDENDUM
EMERGENCE SURVEY report dated 2nd April, 2012.

Dalton Cottage
Egton Bridge
Whitby
YO21 1XE

This report should be read in conjunction with the report undertaken by Applied Surveying and Design (York) Ltd. 29th January, 2012.

In January, 2012, Applied Surveying and Design (York) Ltd. was commissioned by Ms. L. Heath. to undertake a bat survey at Dalton cottage Egton Bridge, North Yorkshire: approximate National Grid Reference: NZ802 051. Due to the time of year, this took the form of a scoping survey. No evidence of bat activity was found within the site.

The proposed development will involve taking down the defective East wing and rebuilding to match existing, stripping off the roof and replacing defective timbers and felt and re-slating to match existing. The First and second fix joinery to be replaced and renewal of all services.

The partly collapsed outbuilding is to be demolished and a new structure erected, subject to planning permission.

A request was made from Mrs. Ailsa Teasdale, Senior Area Planning Officer of North York Moors National Park Authority on the 1st March, 2012 for a further survey in the form of an emergence survey, to be undertaken once bats are active from April before Planning permission can be given. The request also required that the trees proposed to be removed should also be surveyed for bat roosts.

Emergence Surveys are used to determine bat presence in a building and trees and can also give a good estimate of the numbers present. Timing should ensure that any bats had emerged from their roost site and would be foraging. The 4 surveyors were positioned so that they were able to concentrate on all elevations of the house, outbuildings and the proposed trees to be removed in order that all possible bat exits could be observed at one time.

Applied Surveying & Design (York) Ltd was commissioned by Ms. L. Heath to undertake a further emergence survey following the comments from Mrs. Ailsa Teasdale Senior Area Planning Officer of North York Moors National Park Authority.

Timing

The emergence survey was conducted on the 2nd April, 2012 at 19.15 hours until 21.45 hours.

Personnel

The emergence survey was conducted by Peter Arnott, Natural England Licence holder No. 20113909l assisted by Mrs. J. Arnott a trainee who has assisted on a number of previous surveys and trained in the use of the Duet bat detector and Mr. .M. Watson and Mr. O. Foster who are both new trainees..

Mr. Arnott gave instruction in the use of the duet bat detector, detailing the peak, frequency and sounds for the different species of bats to Mr. Watson and Mr. Foster and reiterated the following key points:

The lifecycle of Bats
Bats and the Law
Flight patterns and different size of bats:

Noctule fly very high with sudden dives to the ground and have large body with narrow wings and sound Chip Shop over a range of 20/45 hz and Emerge early.

Pipstrelle come in two forms with peak frequencies of 45/55 and twist and turn in open areas, often over head height and are small and their sound is a click turning to wetter at the bottom of the range and they also emerge early.

Brown Long-eared have a peak frequency of 35 to 40 Hz sound very quiet: rarely heard and click like a Geiger counter, the flight is slow and can hover and appear late dusk.

The desk top survey had revealed that the above bats had been recorded close to the site in May 2011. Daubenton's had also been located near the site but these are likely to be adjacent to the river at lower level from the site

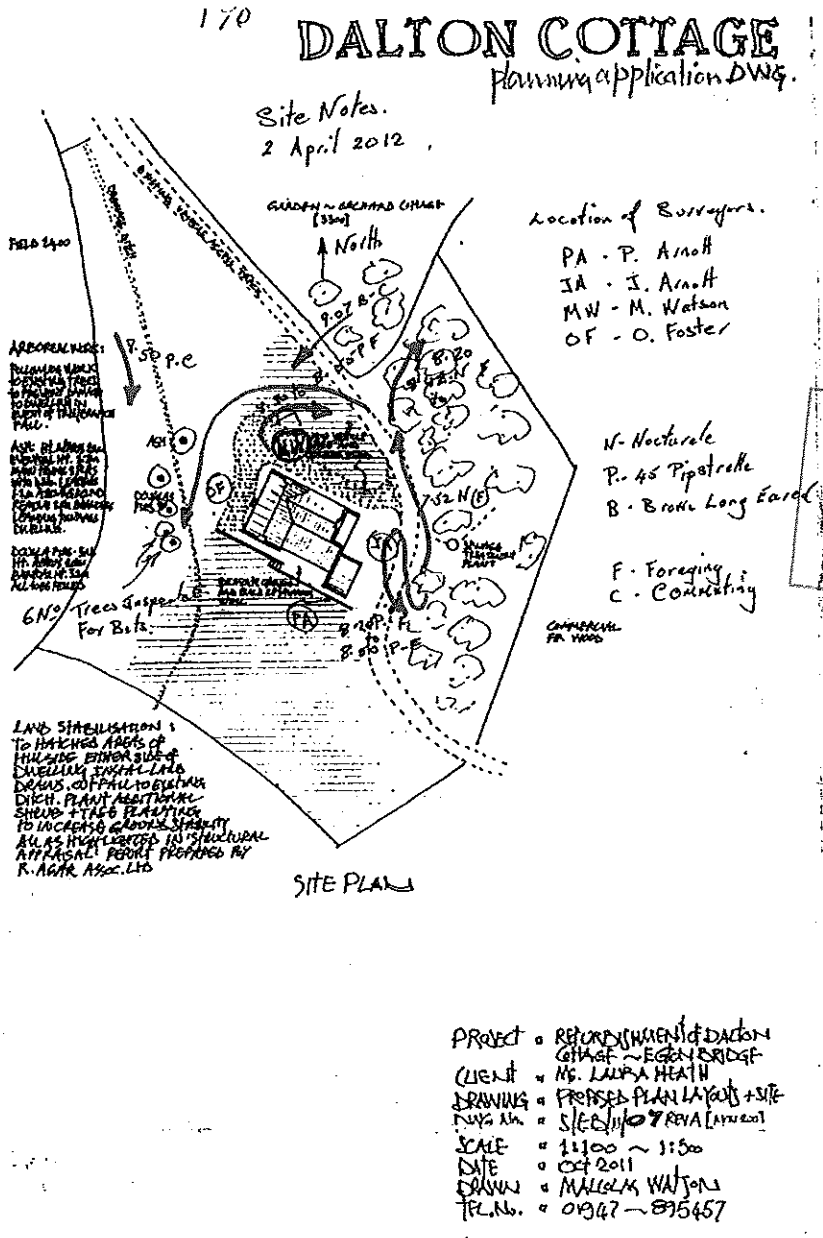
Weather Conditions

Visit Number	Date	Temperature		Survey Period		Weather Conditions
		Start	Finish	Start	Finish	
2 Emergence Survey	02/04/2012	9 C	8 C	19.15	21.45	overcast sky no wind

Equipment
The site was examined for evidence of bats using the following equipment:

- Binoculars
- High powered torches
- Camera
- Tape measure
- Collection pots
- Endoscope.
- Batbox Duet Bat Detectors
- Bat counters

Emergence survey



Emergence Survey

1 Noctural was foraging at high level adjacent to the large tree canopy East of the house from 19.52 to 20.04.

3 Noctural were foraging at high level adjacent to the large tree canopy North East of the house from 20.20 to 20.42.

2- 45 Pipistrelle was foraging twisting and turning at low level North of the house, emerging from the woods East of the house from 20.30 to 20.55.

1- 45 Pipistrelle was foraging twisting and turning East of the house emerging from the woods East of the house from 20.30 to 20.55.

1 - Brown Longeared emerged at 21.07 from the woods East of the house commuting North and turned South West of the house.

1- 45 Pipistrelle was commuting at 20.50 North West of the site passing between the trees proposed to be removed and the house.

No bats were located emerging from or entering into the house or outbuildings.
No bats were located emerging from the 6 trees to be removed.
No bat activity was located South of the site.

MITIGATION AND COMPENSATION

This remains as detailed in section 6 of the report dated 29th January, 2012.

SUMMARY

The buildings and adjacent walls were all surveyed for the presence of protected species of bats, bat roosts and bat activity. No evidence of a bat roost or bat activity was found at the time of the survey within the buildings inspected and the 6 trees to be removed.

Based on the results of the surveys a European Protected Species licence is not required from Natural England.

Recommendations, following best practice guidelines are provided for the building conversion to take place using methods that safeguard any potential bats that may occur on site.

REFERENCES

Requirement for Habitats Regulations (EPS) licence

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Sowler, S. (2007). *Bat Surveys-Good Practice Guidelines.* Bat Conservation Trust, London.

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United Kingdom Biodiversity Action Plan (UKBAP) 2007. UK List of Priority Species and Habitats.