
The Hemmel
Thistlewood Lane
Wolsingham

Inspection of agricultural
barn to determine
structural adequacy

Green Arc Design Ref: 11223
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AGRICULTURAL BARN – THE HEMMEL, WOLSINGHAM

1.0 INTRODUCTION

An inspection of the above building was carried out in 2021.

The purpose of the inspection was to comment on the structural viability of converting the building into a habitable dwelling.

2.0 DESCRIPTION

The building is a detached stone wall structure with a duo-pitch roof spanning front to back.

The footprint of the building is a right-angled trapezoid covering approximately 33 square metres. The parallel sides of the building form the front and rear elevations; north and south respectively.

The other 2 sides form the gables with the non-right-angled wall immediately adjacent to the public highway.

The original roof covering consists of overlapping stone slabs covering approximately 50% of the building. The remainder had been covered with profiled steel sheeting.

There is a dilapidated timber frame open store to the rear elevation with corrugated steel sheeting to the roof and walls.

The ground floor of the building appears to have been used as a byre, with a suspended timber mezzanine floor in use as a storage area.

3.0 FINDINGS

The building is in a reasonable condition. There are maintenance issues that will need to be addressed including the profiled steel sheeting to the roof.

Further works include the reinstatement of damaged floor and roof timbers and the replacement of timber lintels, and some localised repointing to the masonry walls.

4.0 CONCLUSION

We have reviewed the proposed development plans.

The existing structure is capable of carrying any resulting increase in loading.

We have recent experience of working on similar conversions of this type of agricultural building.

We do not anticipate any structural issues with the proposals and confirm that in the context of the architect's design the building structure is fit for conversion to a dwelling.

5.0 PHOTOGRAPHS



PHOTO [1] – FRONT - SOUTH ELEVATION



PHOTO [2] – REAR – NORTH ELEVATION



PHOTO [3] – SIDE - EAST ELEVATION



PHOTO [4] – SIDE – WEST ELEVATION



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