

## Design and Access Statement

This application is for permission to construct livestock calving boxes and sick downer cow boxes for the dairy herd at Grange Farm. Measuring 6m by 6m per box and 42.5 by 6m in total. With a total height of 6.5m on a Defra recommended roof pitch of 15% standard for livestock. This building is vital for the welfare of the herd and will allow special attention for cows at a high stress time when calving and give individual care if needed post calving in special pens for cows struggling to recover from calving. These pens will have portable milking equipment and electric hoists to help lift cows that are struggling to stand after calving or from other injuries.

### Location

The location is adjacent to existing buildings at grange farm and makes use of existing access.

### Design

The building is a standard portal frame agricultural building in keeping with existing buildings on the farm. The roof will be sheeted in dark grey fibre cement sheets with clear sheets to provide light for the livestock. The walls will be grey concrete block at the bottom and green Yorkshire boarding at the top. The building will make use of the existing feed passage in the adjacent building to reduce cost.

### Scale

Height. 6.5m with a standard Defra approved 15% roof angle for livestock.

Width. 6m

Length. 7 boxes of 6m each giving a total of 42.5m.

Area. 255m<sup>2</sup> a modest extension to existing buildings.

### Access

Access by existing concrete roads.

### Landscaping

Substantial landscaping and tree planting have taken place to screen all the buildings at the farm from the limited view points. This was approved in 2007 and the tree planting has been extended to screen the whole farm. This tree planting consists of 5000 whips and transplants of over 30 native species and 115 semi mature 3m to 7m trees. A further 1000 whips, transplants and semi mature trees will be planted in 2013/14.



### Environmental Impact

It is aimed to limit any environmental impact, the positioning adjacent to existing buildings and within the tree planting limits its visual impact, keeping all developments in one area. No protected species or habitats will be disturbed by the proposed development.

### Policy

This development complies with all national and local policies. Development Policy 12 and Design Guide 3 and 5 all support this development.

### CO2 Exemption

The only power usage is low energy lighting and an electric hoist both of which will only be used when needed and as this building will not be in constant use mean that this building is exempt from the 10 % CO2 rule. But a 34.2m 50 KW wind turbine is under construction.

View of the farm from the closest public view point the Scarborough to Whitby Railway (disused). The calving boxes are behind the trees.



MMNPA  
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