

Climate Change Statement

to support the Planning Application

for

the erection of one dwelling

on

Land with Stables Myerscough Hall Drive

Bilsborrow

(350742E 440250N)

Introduction

The proposed application is for one 4 bedroom two story detached dwelling.

The site is located on Myerscough Hall Drive Bilborrow PR3 0SE.

Energy Efficiency

The development will be constructed in accordance with Building Regulations Approved Document Part L 2022 (Conservation of Fuel and Power) which presents a 31% reduction of CO2 emissions in new dwellings over the previous 2016 version of AD Part L.

The current Standard Assessment Procedure – SAP 10 will be used to assess energy use and associated CO2 emissions to ensure compliance with Building Regulations.

Enhanced Fabric Specification

To achieve this the dwelling will include, but not be limited to, the following specification:

Ultra-Low Emission Boiler

Worcester Bosch Greenstar 4000 combi boiler is a highly efficient boiler unit with 94% efficiency and ErP A-rating for heating and hot water.

- 'A' efficiency rating for energy.
- 'A' efficiency rating for water heating.
- Compatible with solar panels

To compliment the installation of ultra-low emissions boiler, the dwelling will be supplied with intelligent heating controls and, where appropriate, dual zone space heating systems. Both of which will enable control over which part of the home to heat, leading to a reduction in energy use.

Renewable Technology

The plan is to have solar panels fitted, the quantities and positioning will be determined by the SAP 10 calculations and the installation agency.

Solar Panels are a dependable, proven and reliable technology for producing green renewable energy. Minimal maintenance is required for Solar panels with excellent longevity. The dwelling is situated in an ideal location for solar panels with minimal shading from the sun.

The installation of Solar Panels will reduce the electrical energy grid load and contribute to a reduction in the operations costs and CO2 emissions.

Drainage

A drainage statement has been submitted to accompany the application. This demonstrates the proposals for waste and surface water management which avoids connection to the already over capacity mains drainage plants. Instead, providing an ecological and sustainable drainage and surface water management.

The land is already complimented with storm drain crates. This is a proven and ecological way to manage surface water as this eventually drains back into the watercourse. This will be increased by installing a further 3x cubic square meters and a parameter ditch that will allow excess rainwater to be discharged sustainably back into the natural water course.

The waste will also be managed sustainable by the installation of an ecological septic tank. The details are in the drainage strategy report.

Conclusion

The application is for one dwelling, climate change has been taken seriously when considering the development, by installing low emission, ecological and environmentally friendly specifications. The cumulative measure on climate change for one dwelling is very low and will be made even lower by having a highly efficient development in accordance with the guidance provided by Wyre's policies in line with National Government guidelines.