

**FULL PLANNING APPLICATION**  
**CHANGE OF USE OF BARN TO**  
**ONE DWELLING HOUSE**

Site at:  
Meadow Brook Barn, Saccary Lane, Mellor BB1 9DW

**SHORT STATEMENT OF INTENT -**  
**SUSTAINABLE CONVERSION OF REDUNDANT BUILDING**  
**TO DWELLING HOUSE**

Submitted on behalf of:  
Mr. Z. Collinge

**August**  
**2018**

**Clearly this is the conversion of an existing property rather than a new build development which affords the potential for better sustainability credentials in its construction; nevertheless, the following aspirations are identified for the conversion of Meadow Brook Barn**

- The proposed dwelling will be converted in accordance with the Building Regulations 2006 - 2017.
- Roof insulated at rafter level; Ecotherm Eco-Versal fitted between rafters; insulated plasterboard to the underside of the rafters.
- Windows double glazed to a U-value of 1.4 w/mk2K.
- Thermal bridging accredited construction details to be used throughout.
- Air Tightness testing upon completion; dwelling to pass testing at whatever requirements are necessary by the tester.
- Ventilation - intermittent fans in all wet rooms.
- Lighting - low energy lighting and fitted appliances throughout the dwelling.
- Main Heating System - air source heat pumps [air to water] throughout; underfloor heating and radiators; water to be heated from main heating system with foam insulated water cylinder; renewable energy - air source heat pumps; pv solar panels for water heating- i.e. Viridian Clearline Fusion roof integrated slimline panels.
- Water butts located to down spouts for rainwater harvesting .

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