PROPOSED BUNGALOW AT 130 NOTTINGHAM ROAD, RIPLEY, DERBYS.

CLIMATE CHANGE ASSESSMENT

In accordance with Amber Valley Local Plan Policy EN1 which requires the proposal to demonstrate how environmental performance has been considered and addressed in the design process and construction specification of the proposed dwelling.
To incorporate a range of low-carbon technologies and sustainable design principles, including:

1. Photovoltaic solar panels for renewable energy generation.
2. High levels of insulation and air tightness.
3. Air source heat pump for low-carbon heating and hot water.
4. Native species planting to promote local biodiversity
5. Sustainable drainage system (SUDS) to manage surface water run off.

Construction will use responsibly sourced materials wherever possible, and the project aims to achieve a low operational carbon footprint consistent with current sustainability objectives.

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