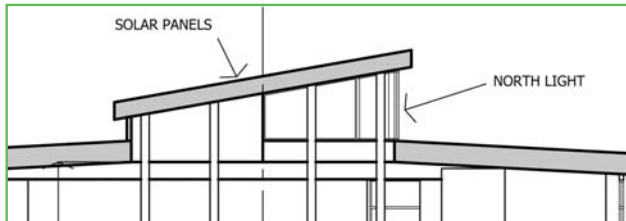


Dumble Key Features



- The Dumble is a highly innovative and contemporary structure, adopting new design and build techniques and innovative use of unusual materials
- It demonstrates that responsible 'green' design can produce a dramatic building without a dramatic cost
- The building revolves to catch and store solar and wind energy
- It is energy self-sufficient and will export surplus power to the National Grid
- The design is sympathetic to its natural surroundings and terrain
- The same concept and techniques can be applied to smaller and larger buildings, domestic or commercial.
- The building is designed for minimum maintenance
- Planning consent was granted through the PPS7 exemption clause in 2007. The Dumble was the first such application to be granted without the Secretary of State calling for a Public Inquiry
- It is a highly topical project and its application will help save our planet's natural resources, combat soaring energy costs and reduce the impact of climate change.
- A leading Building Services Consultancy stated, in their review of our Dumble Project



"What differentiates this project from many others is the beneficial integration of the energy capture and generation devices such as wind, solar and ground source with the ability to store large amounts of this energy through high thermal mass of the structure, the heat storage tanks and the small scale hydro electric schemes. Micro generation is a very topical subject and various claims are being made, but we believe that successful integration of the power systems with effective storage is the way forward. Such integration smoothes out and reduces the imported energy requirement whether from the National Grid or local consumption of fossil fuels, and if adopted on an expanding scale will make a real contribution to global warming by reducing the total power generation capacity and its resulting emissions. This is exemplified by this project and sets it apart from the majority, especially on this scale"