

Appendix N – Sustainable Construction, Resources and Climate Change: The Almshouses Example



1.1.80. A positive example of development proposals incorporating sustainable construction methods is The Almshouses of John Isbury and Jacob Hardrett. Known as Lambourn Almshouses, architects have developed designs to provide four apartments on two floors within the Chapel building and a further five on the site of the school rooms and caretaker's cottage.

1.1.81. The scheme has been sympathetically designed, respecting the Grade II listed Chapel. The development has excellent environmental and ecological credentials. These include:

- Maintaining much of the original chapel structure and providing significant thermal insulation to both the walls and roof structure.
- Integrated solar panels will be included which will cover over 40% of the roof areas, the system will include battery storage.
- Electric vehicle charging points.
- Sustainable surface water drainage system including on site storm water attenuators and all permeable ground surfaces.
- All units will include fibre broad band connections.
- Bricks, slates and roof tiles will be reused where appropriate.
- Demolition materials (bricks, stone etc.) will be crushed for use on site, other materials will be separated for recycling.
- Garden design and planting scheme focused on increasing the biodiversity. Bat and bird boxes will be integrated into the development.