

BISHOPS PALACE, CAMBRIDGESHIRE



RENOVATION (GRADE 1 LISTED) - GLASSCRETE



Client: Alan Lamb BSc FRICS MAPM

Grade 1 Listed stables in Ely built 13th C, remodelled 16th C with Victorian alterations. Stables unused for about 40 years with many props inserted after internal load bearing structures removed in error. Agreement with Conservation Officer and Historic England to retain the brick floor for posterity without any damage using new posts with spreader plates.

With floor levels differing approx 100mm side to side, the GEOCELL foam glass gravel insulation layer made levelling & installation easy.

The specification/build-up was as below:

- Retained brick floor
- Geotextile membrane separation layer.
- 150mm minimum of compacted GEOCELL foam glass gravel.
- Geotextile membrane separation layer.
- Geogrid to fix underfloor heating pipes.
- Underfloor heating pipes (supplied by others).
- Cork board perimeter insulation separating lime slab & perimeter walls.
- 100mm lime screed/slab, 1 part NHL5 to 2 parts sharp sand.