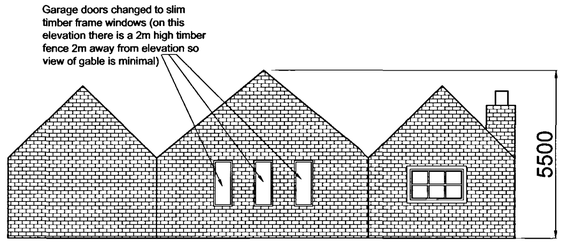
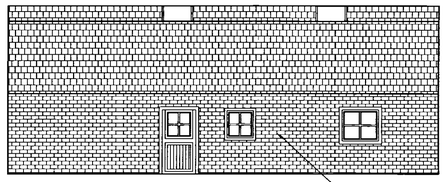


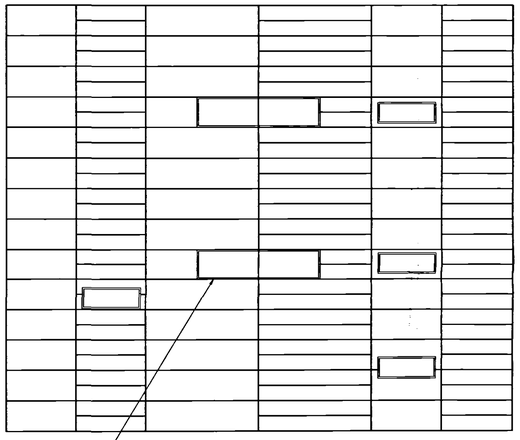
South west Elevation
(only visible from field)



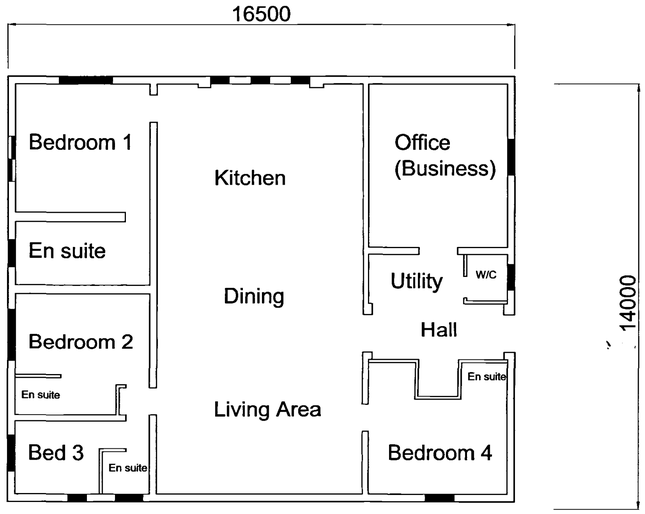
North west Elevation



North east Elevation



Roof Plan



Plan

Amendment Statement

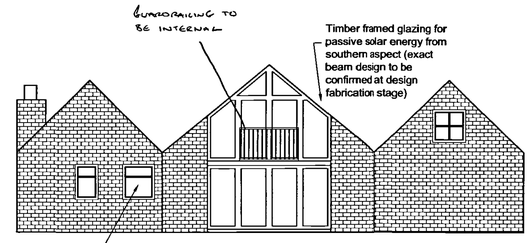
The proposed extension complies with the relevant policies of the South Holland Local Plan in that:-

- The glazed opening represents an improvement on the existing permission in terms of the south-east elevation the existing patio doors are completely out of scale with the gable end and give the appearance of a suburban bungalow rather than a rural building. The proposed glazed opening brings the building to life flooding the main living area with natural light and warmth reducing the need for artificial lighting which will both help reduce energy consumption and promote a healthier living environment.
- The orientation of the existing structure means that the main living area in the central barn has restricted surface area available for passive solar energy gain, it is recommended that at least 60% of the south facing aspect of a building is glazed to maximise solar gain, ridge lights have been added to maximise the potential for this free environmentally friendly energy thus reducing the carbon footprint.
- The proposed alterations will have no effect on neighbouring residents by way of overlooking, overshadowing or otherwise.
- The proposals do not detract from the openness of the surrounding area and will not materially or substantially alter the appearance of the development from outside the boundaries of the site.

Environmental statement

The site will be as sustainable as is reasonably practicable utilising the following to reduce the carbon footprint :-

- Rainwater Harvesting system - re-use of surface water collection for non domestic purposes such as toilets and washing machines, this will reduce the mains water consumption by up to 50%
- Klargester Biodisc sewage treatment plant
- Ground source heat energy - for main underfloor heating
- Solar heating - for main hot water system
- Passive solar energy - large heat gains through maximised glazed area for minimal energy use therefore reducing carbon usage
- Future potential wind turbine



South east Elevation

The central gable on this elevation has been infilled with brickwork around twenty years ago. By glazing this central gable the building is given back the impression of it's original open ended form.

SHDC
Planning & Development
29 FEB 2008
Ref: 0272/08

REVISIONS

GREEN PROPERTY SOLUTIONS

Paul Green
Green Gables
Wykes Lane
Donington
Spalding
PE11 4SD

PROJECT
Workshop Conversion
Green Gables
Donington

DRAWING TITLE
General Arrangement
Proposed layout

SCALES
1:100

DRAWN	FILE	CHECKED
PAG	All Proposed Layout DWG	

DATE	DRAWING No.	REV.
Feb 2008	BARN/GA/03	-