

maden eco



Low Carbon Building Case Study Construction

Maden Eco Ltd
Eco House
Kings Mount
Ramparts Business Park
Berwick upon Tweed
Northumberland
TD15 1TQ

T: 01289 333110
E: info@madeneco.co.uk

maden eco



Client: Mr L Turnbull
Project: Town Head Farm
Technology: Argon filled glazing,
maden eco frame insulation,
biomass, underfloor heating



This low energy four bedroom house was a plan brought to us by the client which he was not happy with and asked if we would revamp it to create the look of a Maden Eco property. To this we added the glazed gable with offset type fenestration, the return glass on the corner and the stone detailing.

The dormers are lined with american red cedar, the walling stone is random by Hutton Stone Co and the the corners are precast artwork to suit the budget of the project.

The underfloor heating went in early in the project using myson underfloor. This is coupled to a pellet boiler located in the garage linked by highly insulated flow and return pipes.

The Maden Eco frame is a 138mm frame filled with earthwool and a 75mm extruded insulation board around the internal envelope giving a good u value through the wall element.

The windows are argon filled double glazed units in timber with a contemporary grey ral colour finish which adds top the contemporary twist on a traditional design.



Low Carbon Building Case Study Construction

Maden Eco Ltd
Eco House
Kings Mount
Ramparts Business Park
Berwick upon Tweed
Northumberland
TD15 1TQ

T: 01289 333110
E: info@madeneco.co.uk