

ENERGY STATEMENT FOR PROPOSED DWELLING

The proposed dwellings will benefit from energy efficiency measures to reduce the energy consumption and CO2 emissions over and above those required to comply with Building Regulations Part L.

DESIGN

Energy performance designed into the fabric of the building and supported with SAP calculations, to be submitted to building control with a building regulations application.

CONSTRUCTION

Where possible materials are to be reused and/or sourced locally. Construction labour will utilise local trades and resources.

Best practice water pollution controls

INSULATION

Celotex or equivalent insulation sheeting to be used in the, walls and floor to a thickness required by building regulations. Special attention will be given to prevent any cold bridging and heat loss.

GLAZING

The external windows and doors will be 'A' rated using energy efficient glazing. All glazed units to be gas filled and double rebate. Window and door joinery to be draft stripped.

ELECTRICS

Energy efficient LED lighting will be incorporated in all areas.

HEATING

The suggested heating will be provided by an efficient modern condensing boiler. All pipework will be fully insulated. Modern oversized radiators will be fitted with thermostatic radiator valves and underfloor heating with zone controls, all to meet latest standards.

A passive solar gain will be achievable on South facing elevations via windows and doors.

WATER

Dual flush toilets.

Flow Reducing/Aerating taps throughout.

Surface water from roofs to replenish ground water aquifer with the use of soak aways.

ENVIRONMENTAL SAVING

The scheme will include cycle storage to reduce the need of fossil fuel transportation.

The use of the above energy efficient measures is compliant with national and local planning code for sustainable homes.