

SAP 2005

Questionnaire



mark sheehan building consultancy

Owner of Property _____

Architect _____

Address of Property _____

Contact Tel No _____

E mail address _____

Has work started? Yes / No **If yes when did it start?** _____

The front door faces? N NE E SE S SW W NW
(please circle)

% of low energy light fittings _____
(30% recommended)

Number of extract fans _____
(will be needed in all kitchens, utility, bathroom, shower room, windowless toilets)

Will ventilation be by way of openable windows or is heat recovery or passive ventilation proposed? *(if so please provide full details on "other information section")*

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Number of flues less than 200mm in diameter. *(include a flue serving a closed appliance but do not include balanced flues)*

Provide details of proposed heating system and if known the exact make of the boiler to be used. *(e.g balanced flue gas boiler or condensing combi boiler or electric)*

Will the pump be in a heated or unheated space? _____

Controls to the heating system. *(e.g programmer + TRV's or full time and temperature zone control)*

It is recommended that the system includes a delayed start thermostat and an interlock please confirm these will be installed where appropriate.

Provide details of any secondary heating system. *(e.g panel electric radiators, wood burning stoves, Open fires etc)*

Specify volume of hot water cylinder and level of insulation provided. *(standard requirement is 110 litres with 50mm of factory fitted insulation)*

Alternatively will the hot water be provided by any of the following:-

Single Immersion Heater Double Immersion Heater Multi point Point of Use

The hot water system will include:-

Insulated primaries Single case boiler + thermal store Cylinder Stat Independent timing of hot water
(recommended) *(recommended)* *(recommended)*

The following provision is to be made with respect to solar panels:-

None Evacuated Tube Flat Panel, glazed unglazed

With respect to solar glazing where provided:-

Area of solar panels _____ Gross/net (please delete as appropriate)

Pitch _____

Faces N NE E SE S SW W NW horizontal

Solar Storage is either Combined cylinder or Pre Heat cylinder and the volume is _____ litres

Solar pump None or Electrical or PV powered

Wall Type Construction 1 (indicate where this will be used)

Please describe the make up of the wall for example Brick, 100mm full fill Rockwool Cavity Insulation, 100 Celcon Solar Blocks with 12.5mm dry lining and 5mm plaster finish. Alternatively specify the U value it is intended to achieve.

Wall Type Construction 2 (indicate where this will be used)

Wall Type Construction 3 (indicate where this will be used)

Floor Construction 1 (indicate where this will be used)

Please describe make up of the floor and the level of insulation to be provided e.g ground bearing slab with 100mm Celotex or Suspended Concrete Floor with 75mm Jabfloor. Alternatively specify the U value it is intended to achieve.

Roof Construction 1 *(indicate where this will be used)*

Please describe make up of the roof and the level of insulation to be provided e.g pre fabricated trusses with 150mm Rockwool Roll insulation between the joists and 100mm laid at right angles across the joists or 150mm deep rafters with 90mm of Celotex between the rafters and a continuous 45mm layer fixed to the underside of the rafters.

Roof Construction 2 *(indicate where this will be used)*

Windows

Please describe windows e.g pvc windows with a 16mm air gap double glazed with low-e glazing with an en value of 0.05.

Doors

Please describe doors e.g pvc doors with a 16mm air gap double glazed with low-e glazing with an en value of 0.05.

Any Other Information

Please put down any other information that you may think will affect the SAP calculation

Please submit this form together with scaled plans, elevations and sections of the dwelling. These will not be returned unless requested to do so.