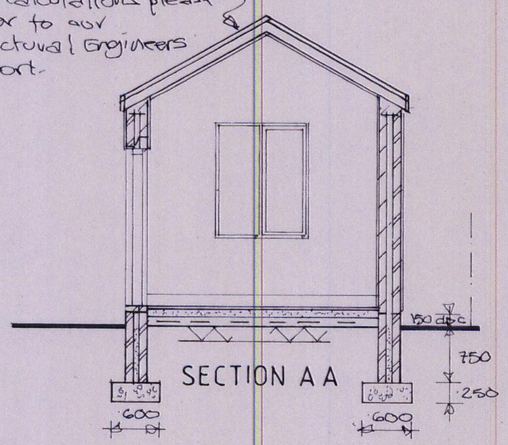


PROPOSED FRONT ELEVATION.

For Roof specification and calculations please refer to our Structural Engineers report.



SECTION A A

Proposed Construction:-

Foundations:- New foundations to be 600 x 250mm concrete strip foundations, foundations to be taken down to a safe bearing strata. Final depth to be ascertained and agreed on site between the Building Control officer and the Building Contractor on valuation of ground conditions. The brickwork below ground level to be filled with weak mix concrete, concrete strength C.30 N/m² [Foundations depth to be taken down to drainage invert where within 1.000 approximately].

Floor Construction:- Finish to Clients choise on concrete screed on 100mm concrete floor slab on 130mm kingspan rigid flooring insulation on 1200 gauge visqueen dampproof membrane, on sand binding on min 150mm sulphate free well consolodated hardcore. Insulation to be installed in strict accordance with manufacturers recommendations. All joints to be taped

D.P.M. to be turned up at slab level and edges unite with horizontal D.P.C. Insulation to be turned up at edge of slab level. Insulation to provide 0.22w/m²ku value

Cavity Wall construction:- Internal leaf to be 100mm Thermalite Sheild Insulation blockwork with 125mm plaster and skim finish. 85mm cavity fully filled with dry therm insulation built in as work progresses. external leaf to be 112mm facing brickwork from door theshold to ground level brickwork to match existing building sample to be provided for approval of the Planning officers before work commences, brickwork/ blockwork above facing brickwork to be rendered using the same texturer and colour as the extsting building overall insulation to give 0.30/m/m² u value. Walls to have stainless steel wall ties at 450mm centrers virtically and 750mm horizontally [ties to be staggered] All viriel openings to have insulated type d.p.c's to prevent cold bridging tops of cavities to be dosed off with particle board on cement bed.

Lintels:- catnic lintels to be used over door and window openings. lintels to be cs/700/100 combined lintels. lintels to be encased in 2 layers of plasterboard and skim finish to provide 1/2 hoor fire resistance.

Structural Steelwork:- For details please refare to our structural Engineers design and calculations, steelwork to be encased in 2 layers plasterboard and skim finish to provide 1/2 hour fire resistance.

Windows:- to match those of the existing building windows to have opening lights of not less than 1/20th of the floor area, for natural ventilati and to include controlable secure trickel ventilator of min 6000m² The double glazing to have min cavity of 16mm and to be argon filled. the double glazed units not to exceed 1.8 w/m² c.u. value. Patio doors and sliding folding doors to match the new windows, and to have the same U.value, The double glazing to the doors to be in safety glass Roof lights same u value. rafters to be doubled up around perimeter of roof lights.

PLANNING
ACKD
REVD
REC - 2 NOV 2009
DATE

CIOB
K J AINSWORTH & ASSOCIATES
Planning and Design Consultants
40 Woodbourne Road, Brooklands, Sale
Cheshire M33 3TN
Telephone 07973 642021

client
MR. Q. CULLEN.
63. CLAUDE ROAD
CHOLTON CUM HARDY
M21 8DE.

scale	date	drawing no
1:50	Oct 09	AB/4
drawing: proposed elevation and section.		job no 09 212

do not scale from this drawing ©