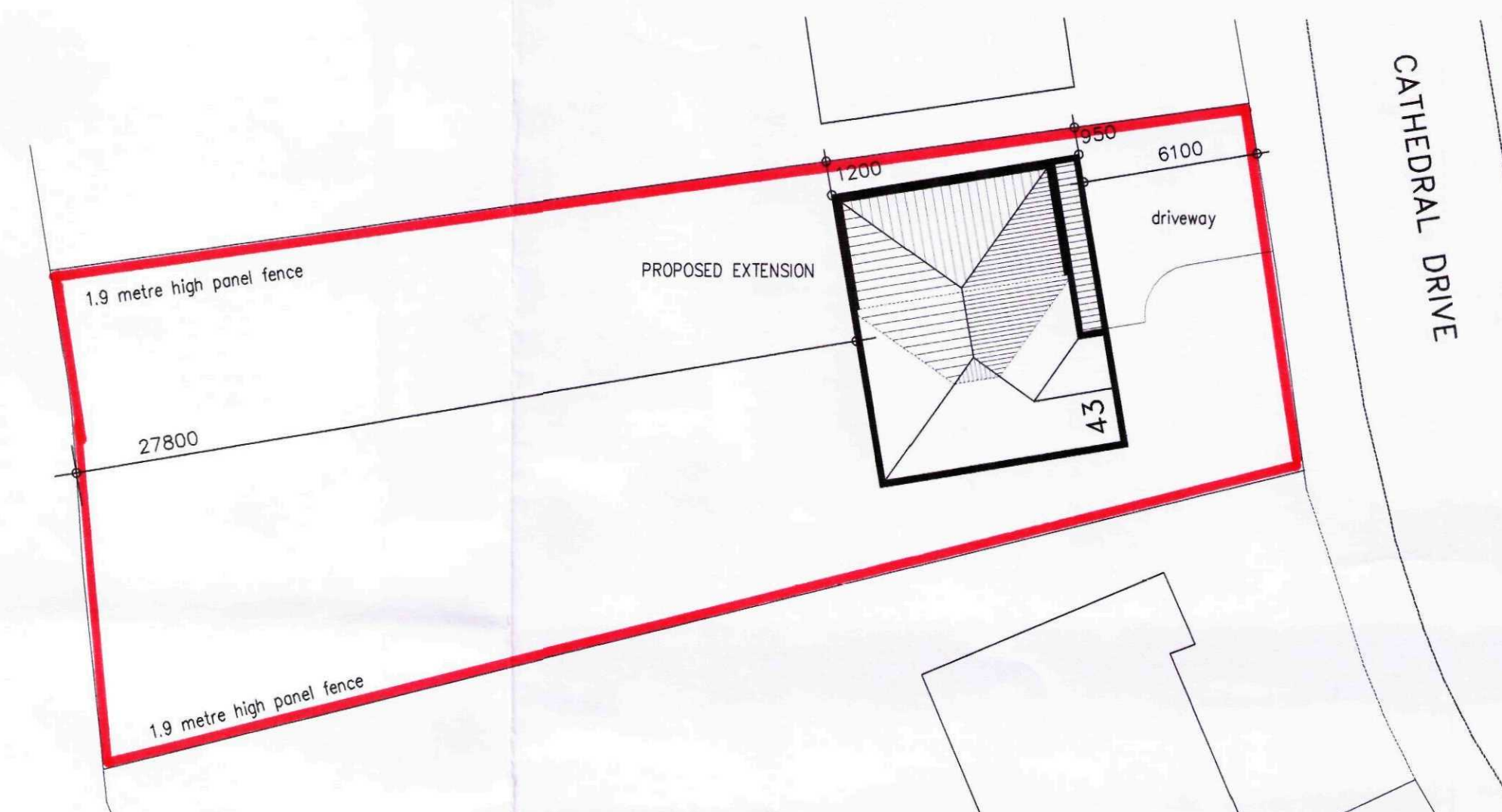
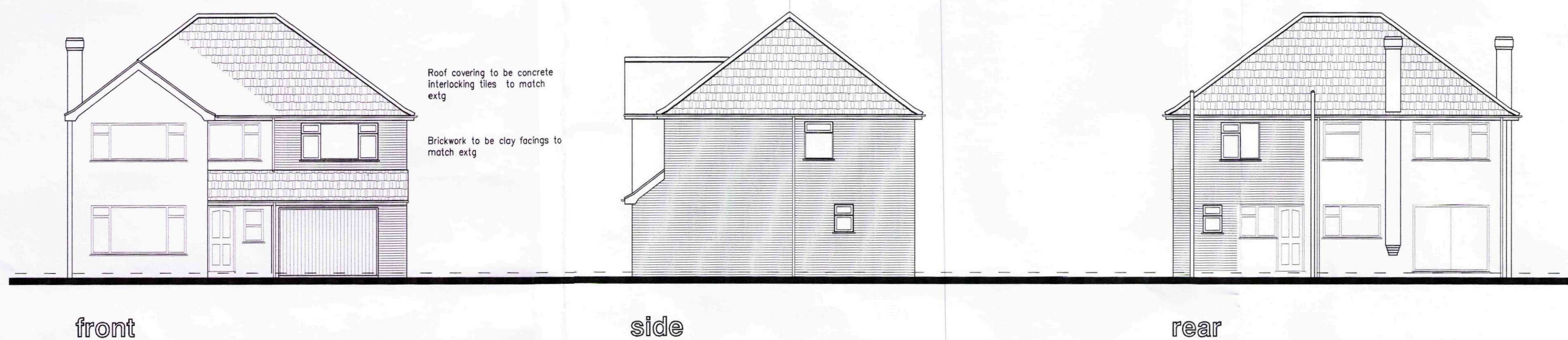
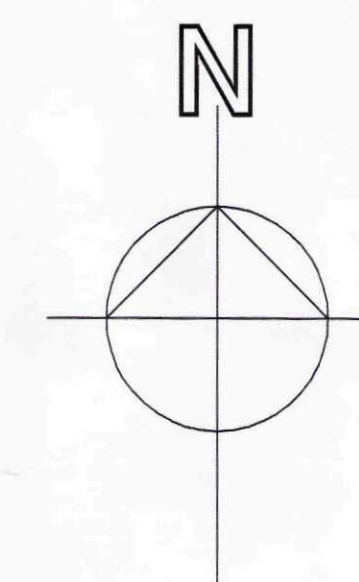


ELEVATIONS

Scale: 1:100

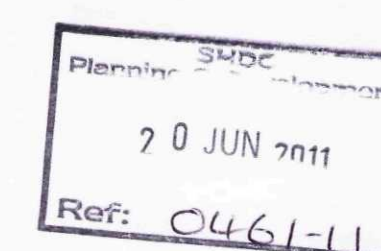


BLOCK PLAN Scale 1:200



SITE PLAN Scale 1:1250

DESIGN INFORMATION PLANNING STAGE



L. A. Building Design
Architectural and Surveying Practice
55 Hannam Boulevard
Spalding
Lincolnshire PE11 1LB
Telephone/Fax: Spalding: (01775) 711437

Peter S Lithgow MCIOB MCIT

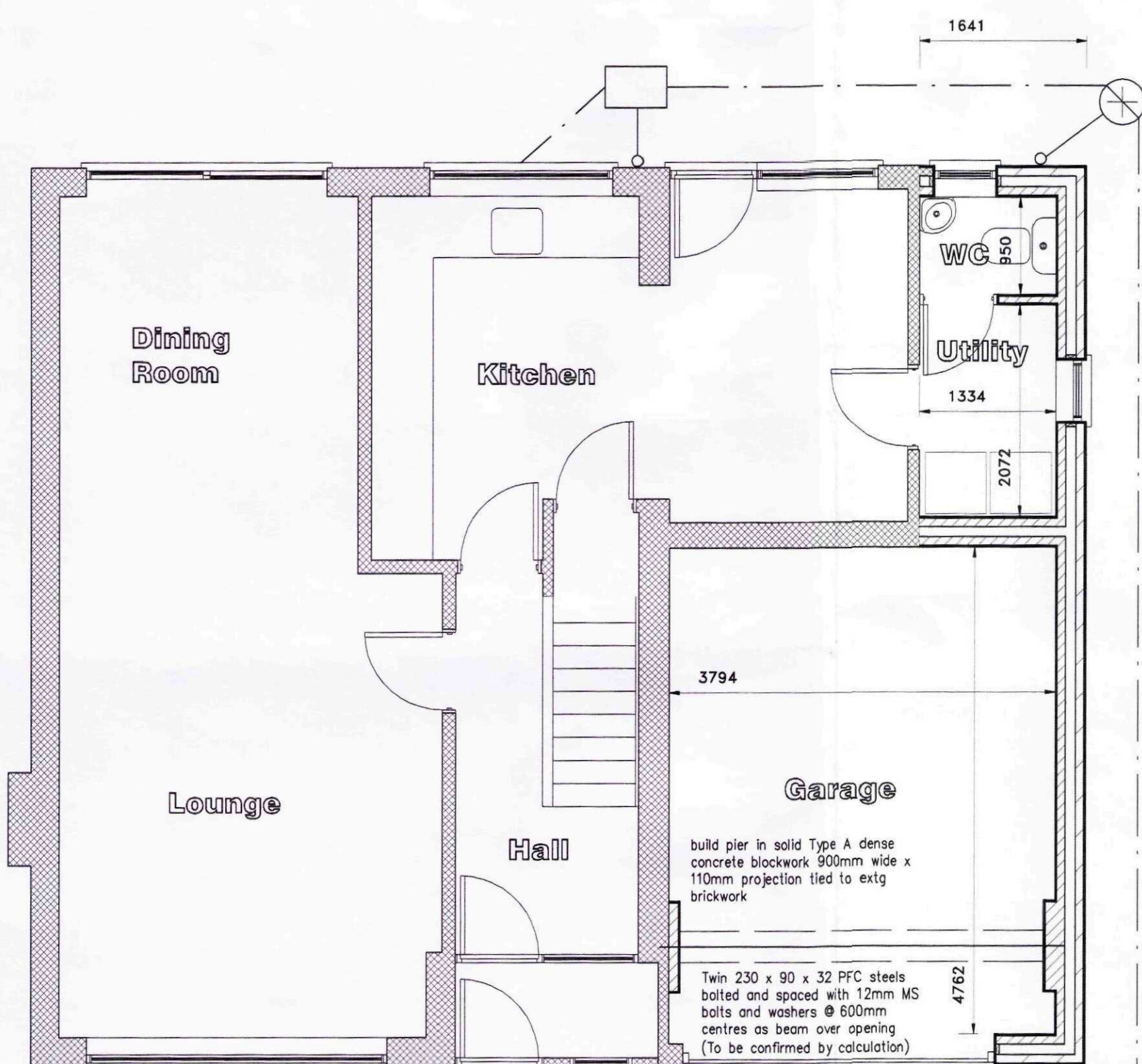
Member of the Chartered Institute of Building and
Member of the Chartered Institute of Architectural Technologists

project
43 Cathedral Drive
Spalding
Lincolnshire

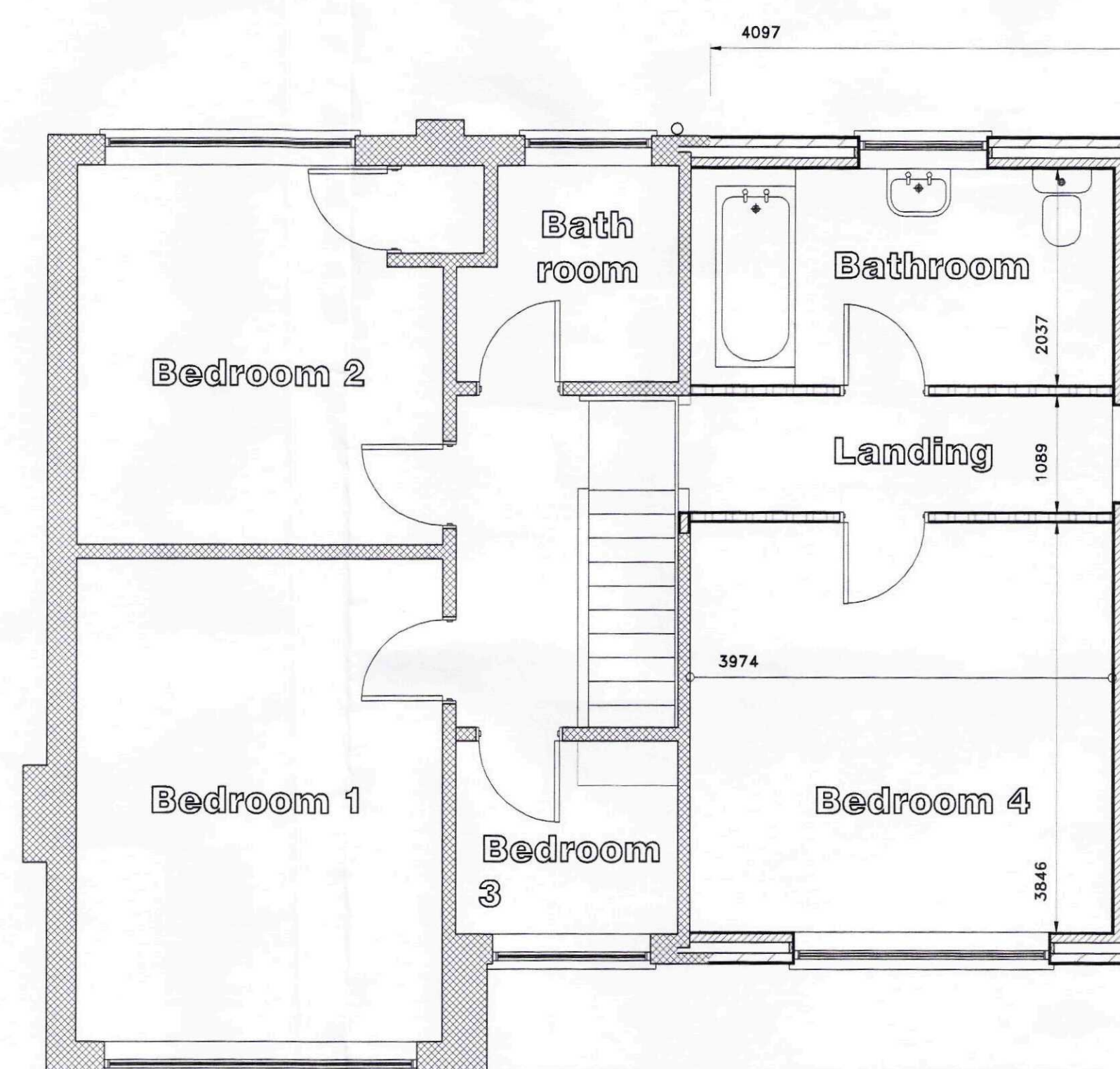
client
Mr + Mrs Mark Meggitt

drawing
Extension to Dwelling
GENERAL ARRANGEMENT

date	scale(s)
June 2011	1:50 1:100
drawn by	checked
Peter Lithgow	PSL
job no	drawing no
11/06	01



GROUND FLOOR PLAN



FIRST FLOOR PLAN

INDICATIVE CONSTRUCTION NOTES

CAVITY WALLING
103mm facing brickwork to match extg
100mm cavity filled with Dritherm 32 insulation
100mm Plasmor Fibrolite blockwork
Stainless steel wire ties 225mm long at 900mm centres horizontally and 450mm vertical centres staggered
450mm with ties at openings at 225mm vertical centres

INTELS
Caticr Intels CX90/100 with minimum 150mm end bearings

FLOOR JOISTS
195mm x 47mm C16 timber joists @ 400mm centres
Joists to be doubled up where carrying partition loads and where below baths etc
Strut joists at mid span
Strap to unsupported walls using 30mm x 5mm GMS straps at 1800mm intervals, solid nog below straps and tight pack against walls.

INSULATION
Two layers of 150mm fibreglass insulation in roof space.
100mm fibreglass insulation in first floor where heated rooms below and where over garage 200mm fibreglass quilt between joists and 50mm CELOTEX GA4000 below and 15mm FIRELINEBOARD below that as ceiling and finish with 3mm skim plaster.
Firestop at perimeters.

ALL STRUCTURAL TIMBERS TO BE MIN C24
100mm x 50mm rafters at 400mm c/c
150mm x 50mm ridge ties
225mm x 50mm hips
200mm x 50mm collar
200mm x 63mm purlins
150mm x 50mm struts located and fixed to purlin with inverted joist hangers as shown
100mm x 50mm hangers
175mm x 50mm straining piece over wall.
All members within central constructional zone including hangers, struts and straining piece to be bolted using 12mm diameter mild steel bolts with double sided toothed connectors and 5mm thick x 50mm diameter MS washers.
Ceiling joists to be 100mm x 50mm at 400mm c/c with 175mm x 50mm binders at third span of ceiling joists and supported from purlin position with hangers 75mm x 75mm at 1600mm c/c.