

**PROPOSED TWO STOREY THREE BEDROOM HOUSE TO SIDE OF
75 WOODLAWN PARK AVENUE, FIRHOUSE, DUBLIN 24 FOR MR. W. FAY,**

Drawing Number : 606/PD/04

Scale : 1 : 50

Roof:
Coloured concrete roof tiles laid to manufacturers instructions on 35mm x 50mm battens on sarking felt on prefabricated roof trusses at 600mm centres to I.S. 193: 1986, complete with bracing, water storage tank supports and holding down clips, all to manufacturers instructions.

Ventilation:
Room vents - 6500sq.mm.
Roof - 25mm continuous strip or equal.
Window opens Kitchen 1/10 of floor area, other rooms 1/20 of floor area

Insulation:
Maximum Elemental !U! Values
Exposed Roofs - 0.25 W/M2 K.
Exposed Walls - 0.45 W/M2 K.
Exposed Floors - 0.45 W/M2 K.

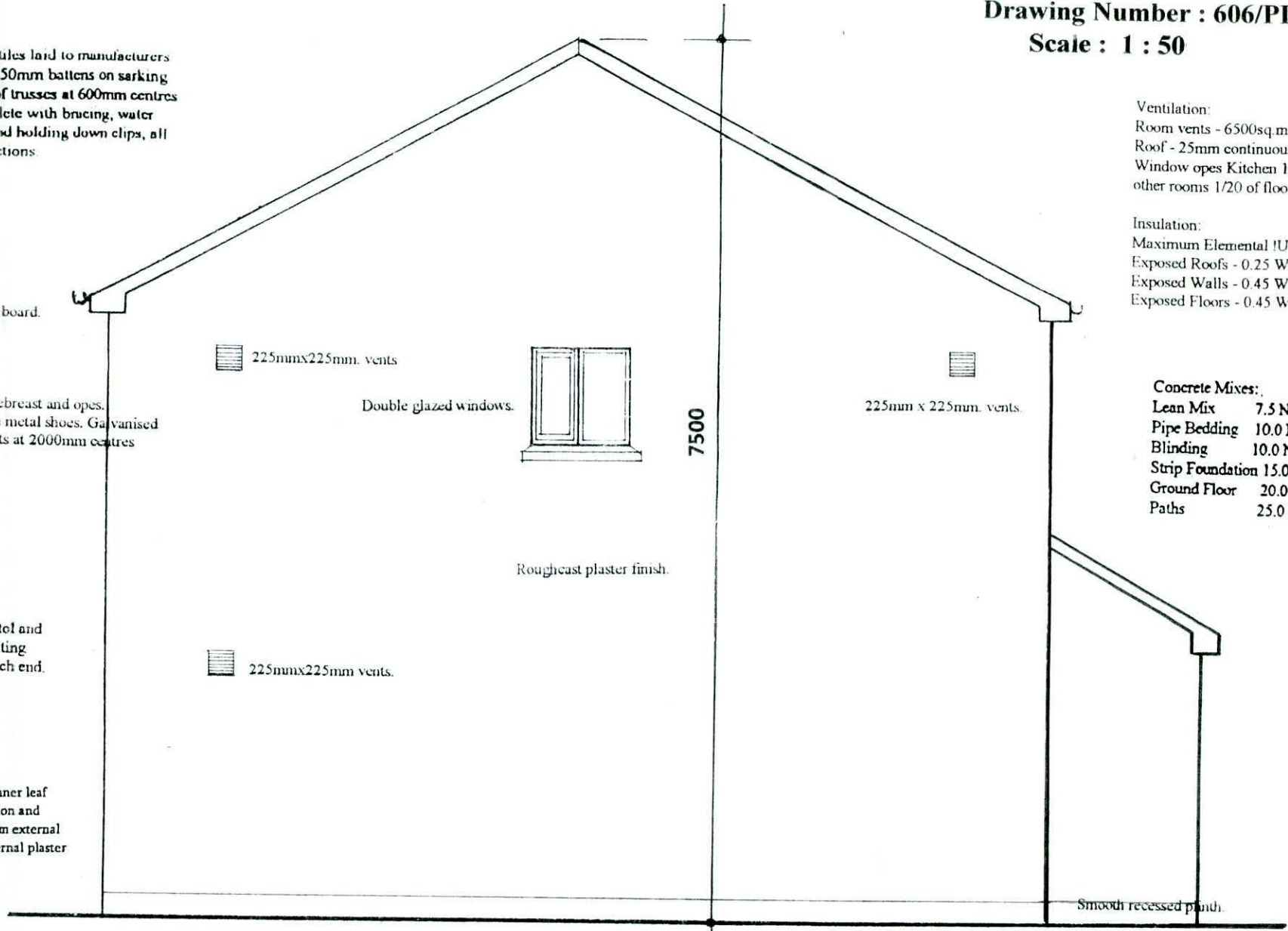
Concrete Mixes:
Lean Mix 7.5 N/mm2.
Pipe Bedding 10.0 N/mm2.
Blinding 10.0 N/mm2.
Strip Foundation 15.0 N/mm2.
Ground Floor 20.0 N/mm2.
Paths 25.0 N/mm2.

32mm x 175mm Timber fascia board.

75mm x 175mm SCA trimmers to firebreast and open joints at all party walls to be hung on metal shoes. Galvanised metal straps 5mm x 30mm over 3 joists at 2000mm centres pack and nog off walls.

Lintols:
Precast concrete composite lintol and pressed metal lintols incorporating insulation, 225mm bearing each end.

External Walls
To consist of 215mm solid block inner leaf with 100mm cavity 50mm insulation and 100mm block outer leaf with 19mm external render and 13mm lightweight internal plaster



SIDE ELEVATION

All structural timbers to comply with SR11, structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%.

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75mm x 100mm treated wallplate on d.p.c. strapped to walls at 2 metre centres 5mm x 30mm x length of two full blocks.

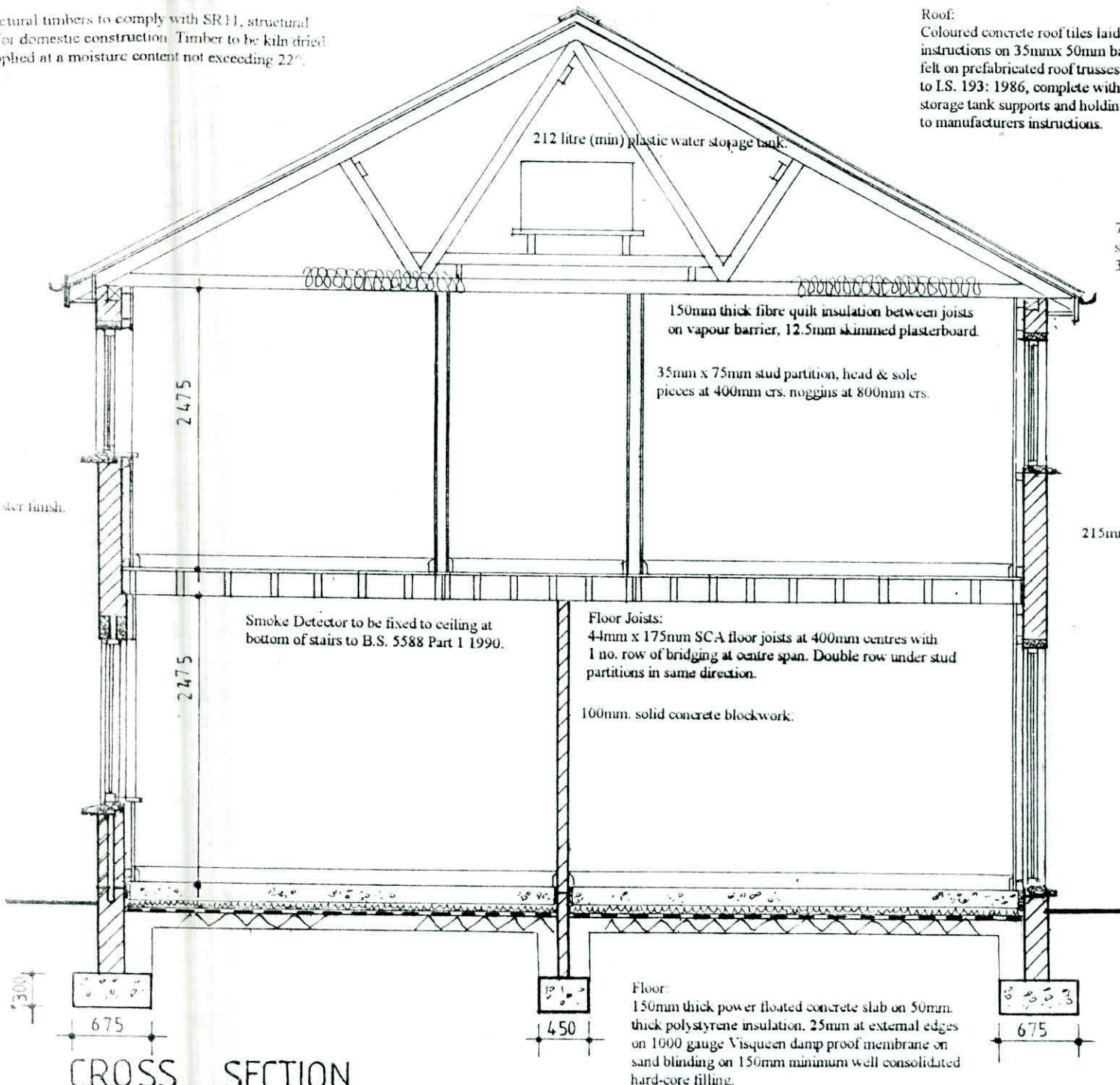
Solid blockwork on precast prestressed concrete lintol.

215mm thick hollow concrete blockwork.

Insulation:
Maximum Elemental !U! Values
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Exposed Walls - 0.45 W/M2 K.
Exposed Floors - 0.45 W/M2 K.

Glazing - Double glazing throughout.

Concrete Mixes:
Lean Mix 7.5 N/mm2.
Pipe Bedding 10.0 N/mm2.
Blinding 10.0 N/mm2.
Strip Foundation 15.0 N/mm2.
Ground Floor 20.0 N/mm2.
Paths 25.0 N/mm2.



CROSS SECTION

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