

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

Drawing Number : 606/PD/06

Scale : 1 : 50

Floor Joists:
44mm x 175mm SCA floor joists at 400mm centres with 1 no. row of bridging at centre span. Double row under stud partitions in same direction.
75mmx175mm SCA trimmers to firebreast and opes.
Joists at all party walls to be hung on metal shoes. Galvanised metal straps 5mmx30mm over 3 joists at 2000mm centres pack and nog off walls.

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.

Rafters to be notched over 35mm x 50mm bearer fixed to 50mm x 150mm wallplate

Concrete Mixes:

Lean Mix	7.5 N/mm ² .
Pipe Bedding	10.0 N/mm ² .
Blinding	10.0 N/mm ² .
Strip Foundation	15.0 N/mm ² .
Ground Floor	20.0 N/mm ² .
Paths	25.0 N/mm ² .

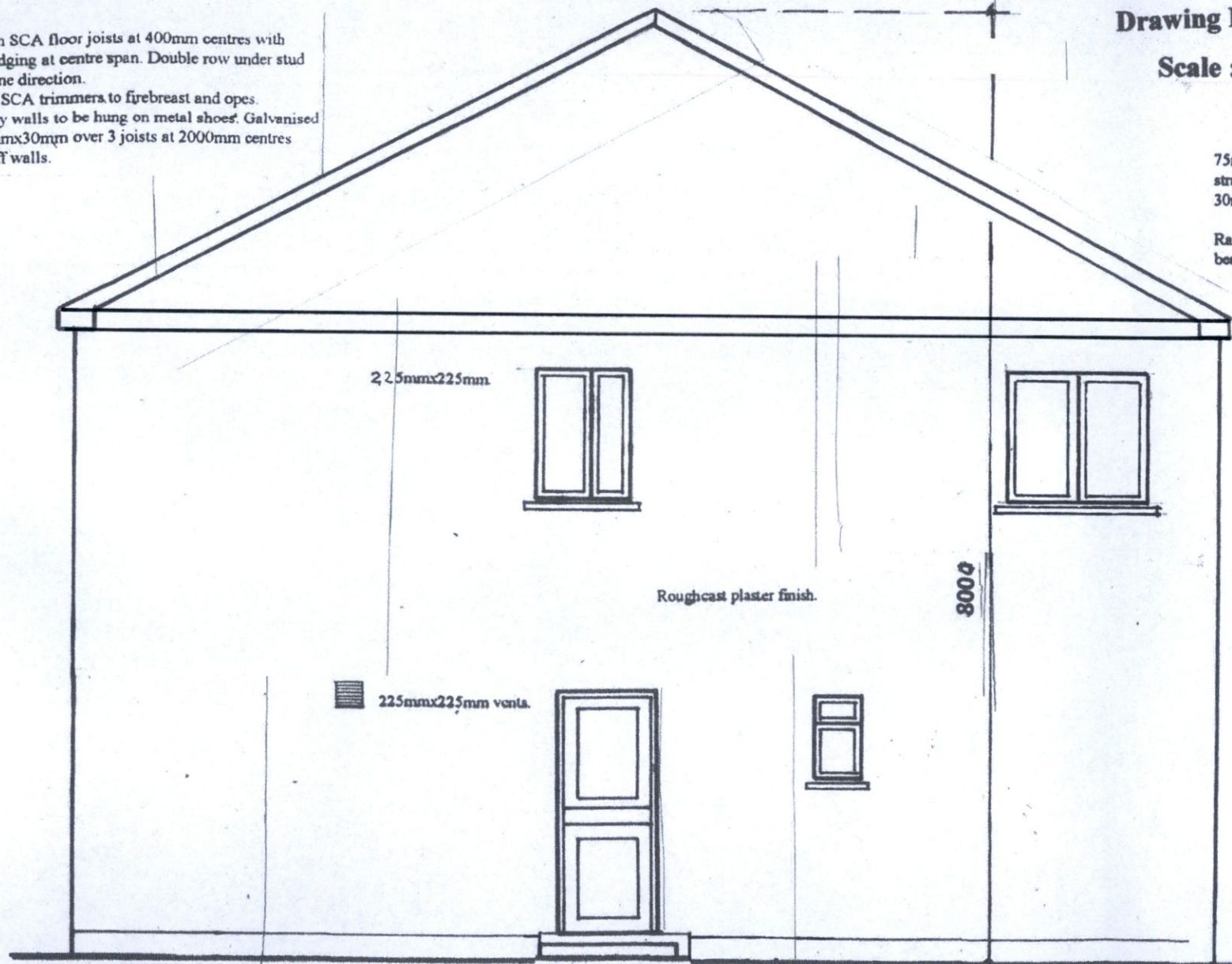
Lintols:
Precast concrete composite lintol and pressed metal lintols incorporating insulation, 225mm. bearing each end.

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

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

Glazing - Double glazing throughout

Smoke Detector to be fixed to ceiling bottom of stairs to B.S. 5588 Part 1



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SIDE ELEVATION

Floor:
150mm thick power floated concrete slab on 50mm thick polystyrene insulation, 25mm at external edges on 1000 gauge Visqueen damp proof membrane on sand blinding on 150mm minimum well consolidated

Note:
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%.