

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.

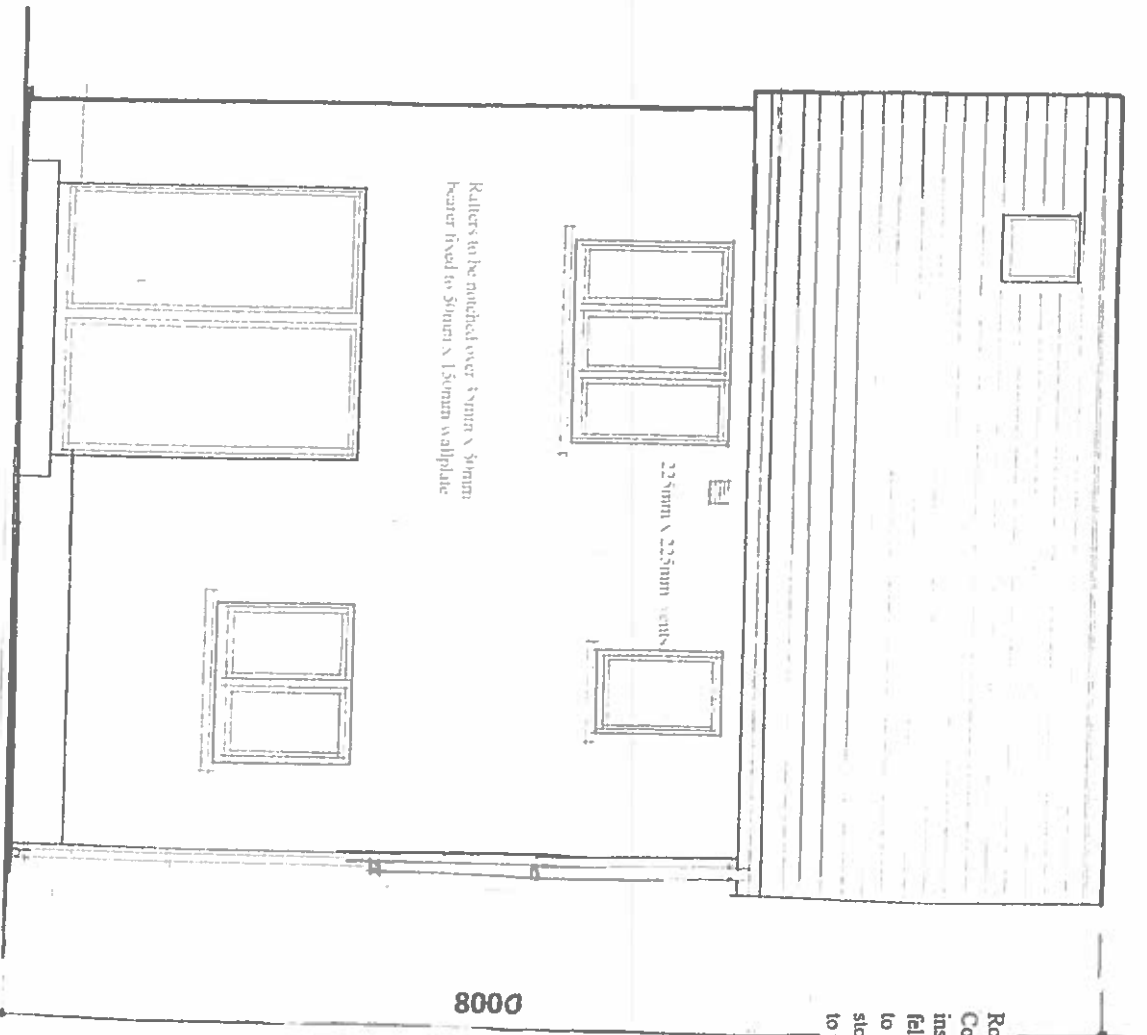
- DRAINAGE LEGEND**
- Fall Sewer Drain
 - Surface Water Drain
 - Gully Trap
 - Gully Trap R.W.J.
 - Armstrong Junction
 - Manhole

All work to comply with
**Technical Guidance
 Document B - Fire
 Building Regulations 1991.**

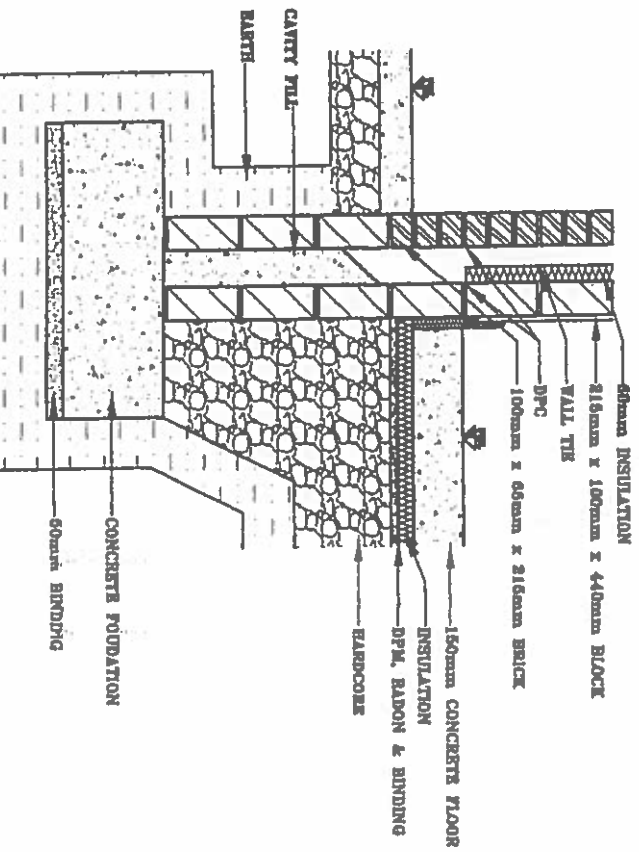
Smoke Detector to be fixed to ceiling at
 bottom of stairs to B.S. 5588 Part 1 1990.



FRONT ELEVATION

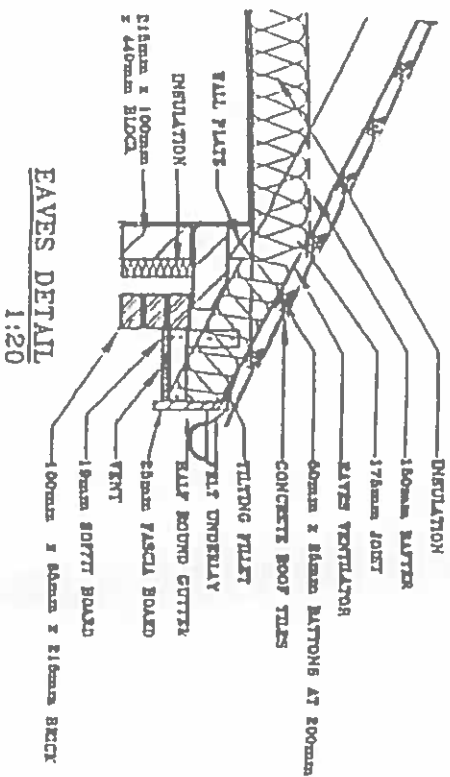


REAR ELEVATION



FOUNDATION DETAIL

1:20



EAVES DETAIL

1:20

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.

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

Ventilation:
 Room vents - 6500 sq. 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/V 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.

Stairs:
 2R+G to be between 550mm and 700mm, minimum clear width 800mm.
 Balusters - 840mm vertically over pitch line and 900mm over landing, not greater than 100mm between balusters, Headroom 2000mm vertically.

Concrete Mixes:
 Lean Mix 7.5 N/mm²
 Pipe Bedding 10.0 N/mm²
 Binding 10.0 N/mm²
 Strip Foundation 15.0 N/mm²
 Ground Floor 20.0 N/mm²
 Pads 25.0 N/mm²

Lino:
 Precast concrete composite linoleum and pressed metal linoleum incorporating insulation, 225mm bearing each end.

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

Drawing Number : 606/PD/05
 Scale : 1 : 50

Note:
 All structural timbers to comply with S.R.11, structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%.

WATSON FITZPATRICK & ASSOCIATES
 Planning & Design Consultants
 98 Woodlawn Park Grove
 Firhouse, Dublin 24.

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

**Drawing Number : 606/PD/04
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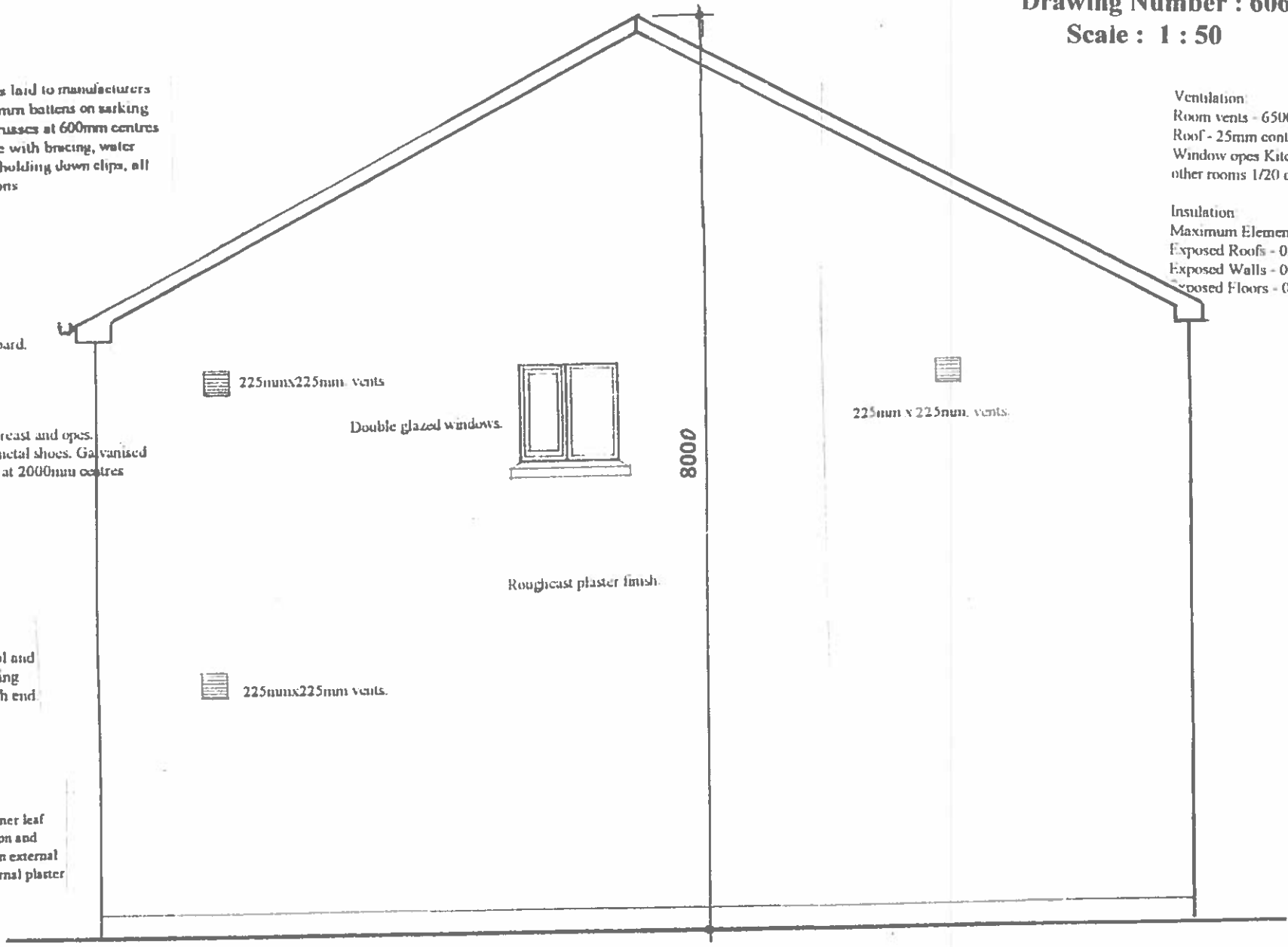
Insulation:
Maximum Elemental (U) Values
Exposed Roofs - 0.25 W/M2 K
Exposed Walls - 0.45 W/M2 K
Exposed Floors - 0.45 W/M2 K

32mm x 175mm Timber fascia board.

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

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

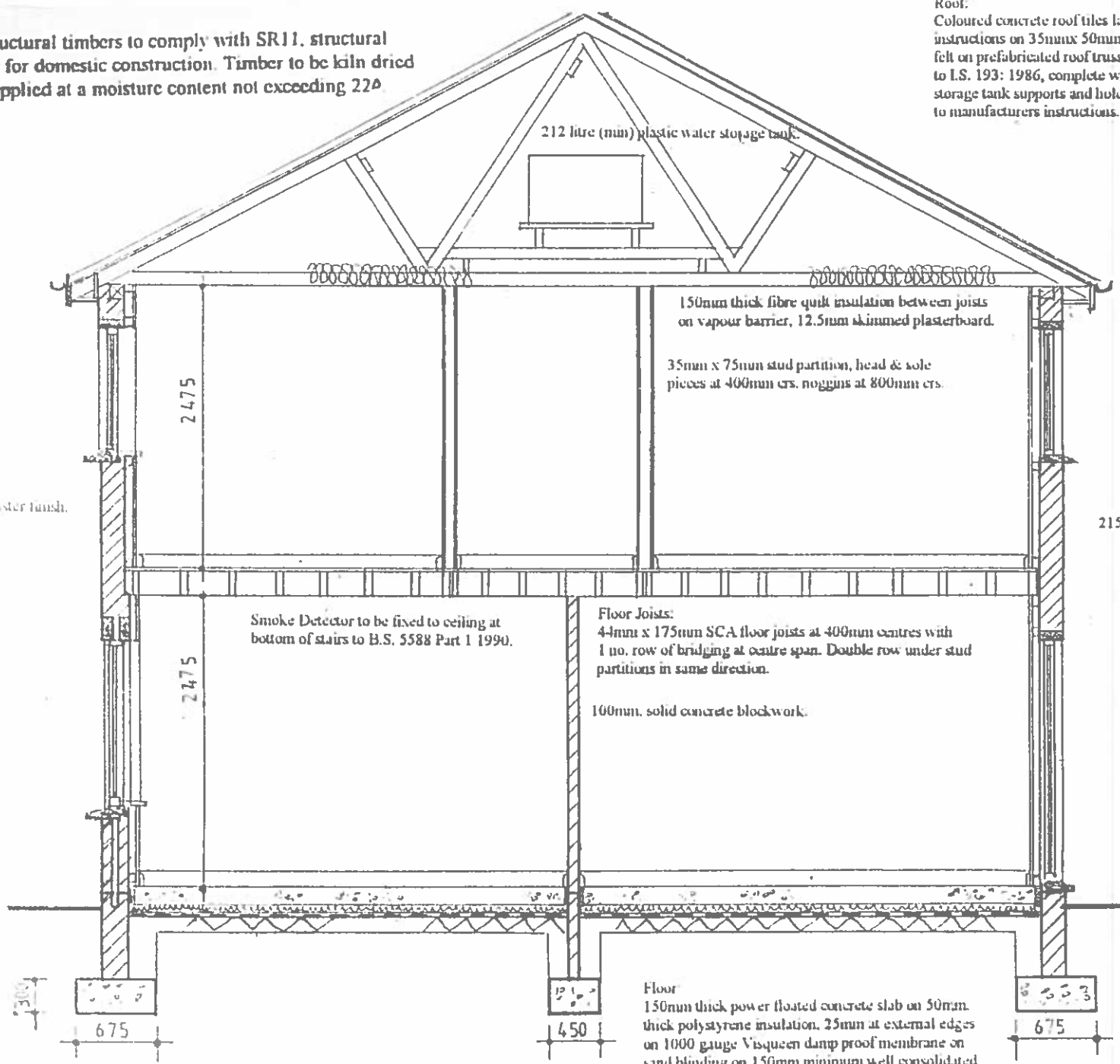
External Walls
To consist of 215mm solid block inner leaf with 100mm cavity 50mm insulation and 100mm block outer leaf with 19mm external render and 13mm lightweight internal plaster



SIDE ELEVATION

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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

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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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**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.
75mm x 175mm SCA trimmers to firebreast and open.
Joists 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.

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/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

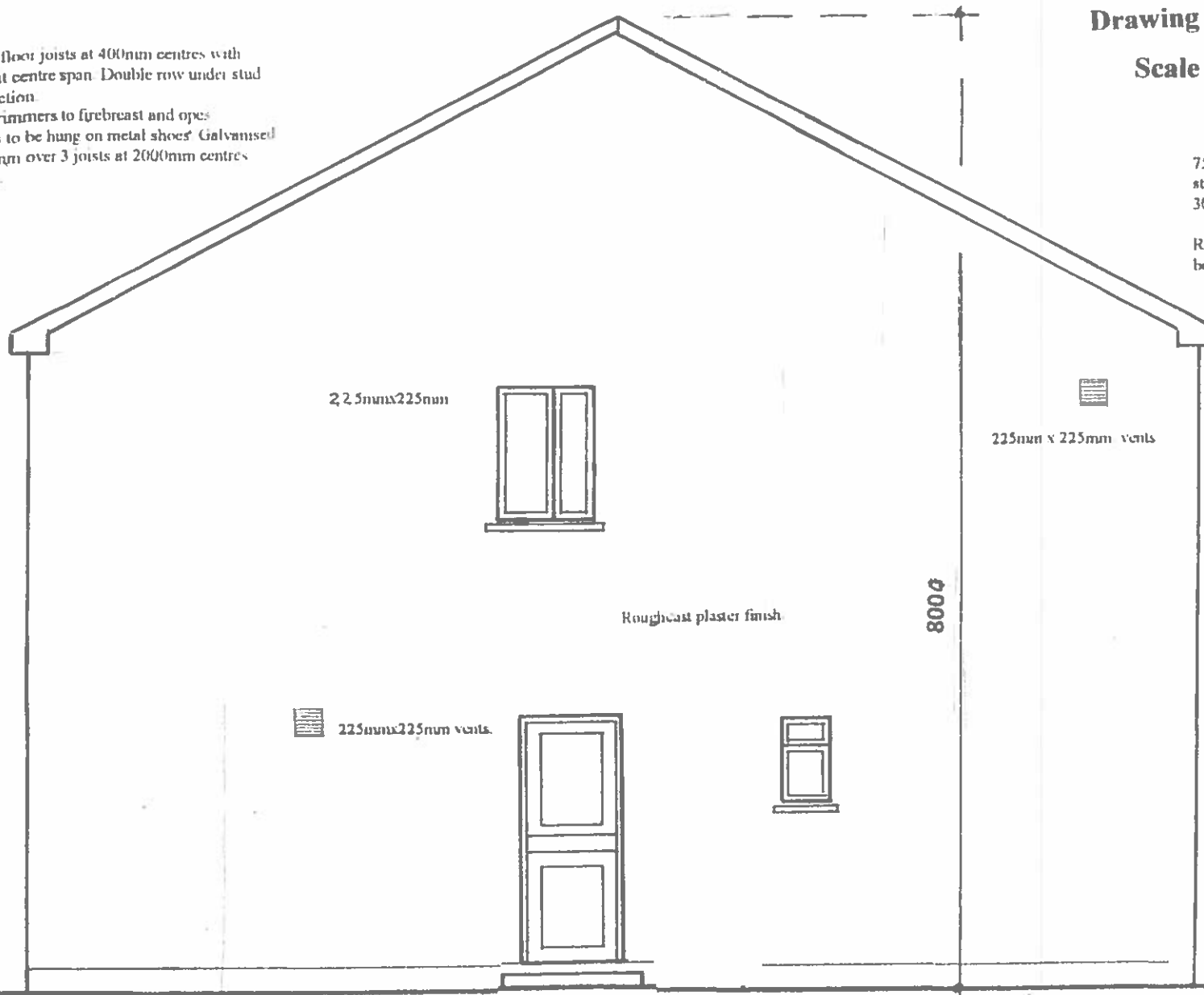
Lintols:
Precast concrete composite lintol and
pressed metal lintols incorporating
insulation, 225mm. bearing each end.

Ventilation
Room vents - 6500sq mm.
Roof - 25mm continuous strip or cap
Window opens Kitchen 1/10 of floor
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

Glazing - Double glazing throughout

Smoke Detector to be fixed to ceiling
bottom of stairs to B.S. 5588 Part 1.1



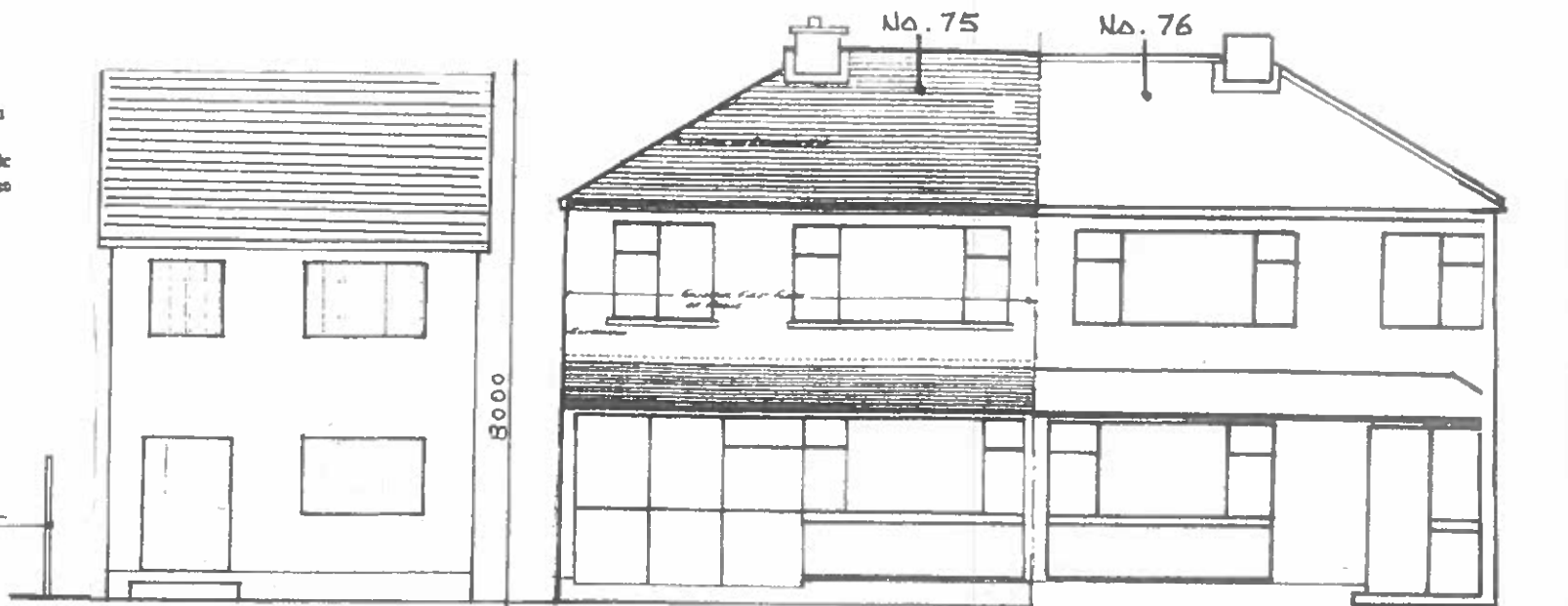
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SIDE ELEVATION

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

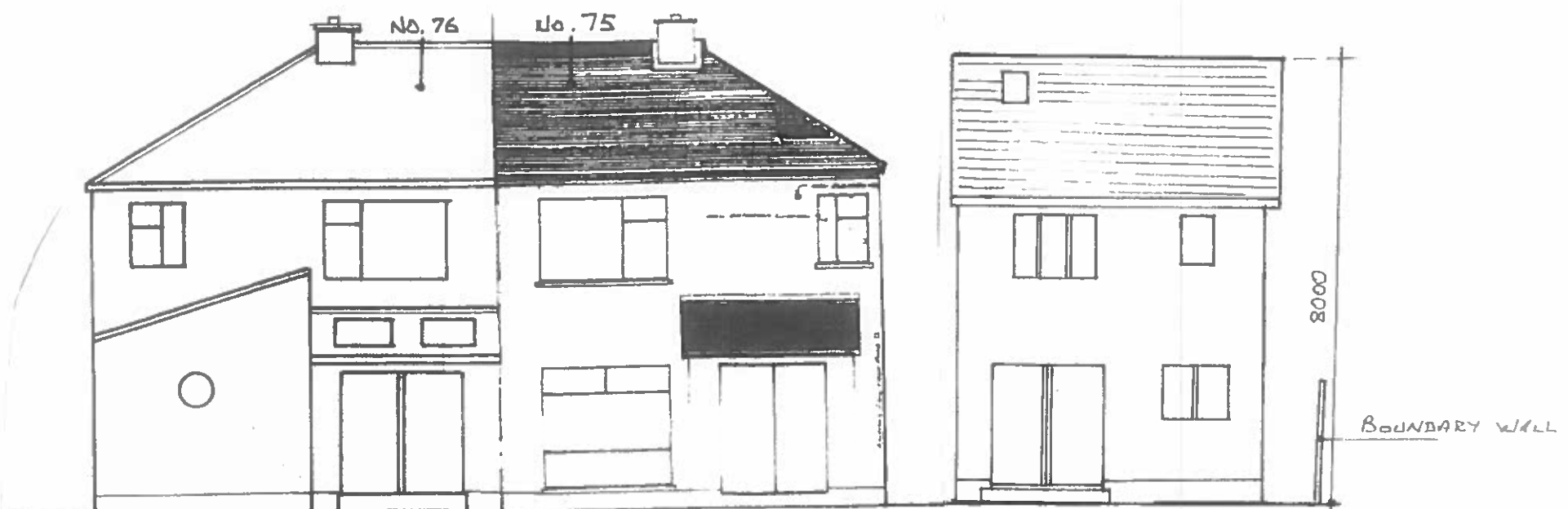
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and supplied at a moisture content not exceeding 22%.

Stairs:
2R+G to be between 550mm and 700mm, minimum
clear width 800mm.
Balusters - 840mm vertically over pitch line and 900mm
over landing, not greater than 100mm between Balusters
Headroom 2000mm vertically.



FRONT ELEVATION

CONTIGUOUS ELEVATION



REAR CONTIGUOUS ELEVATION

Scale : 1 : 100

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