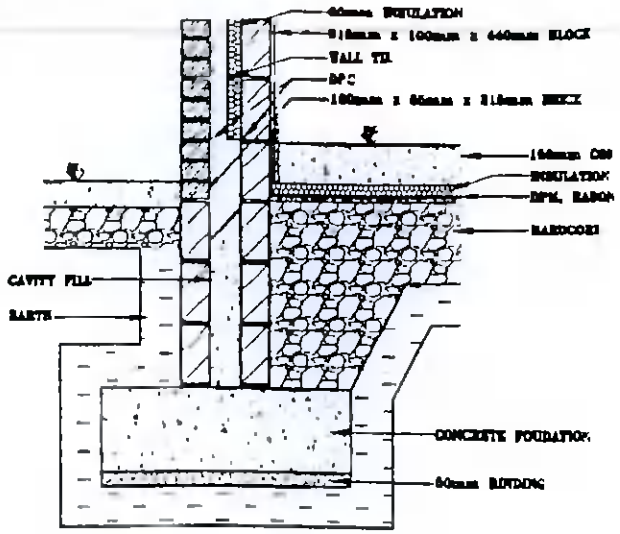
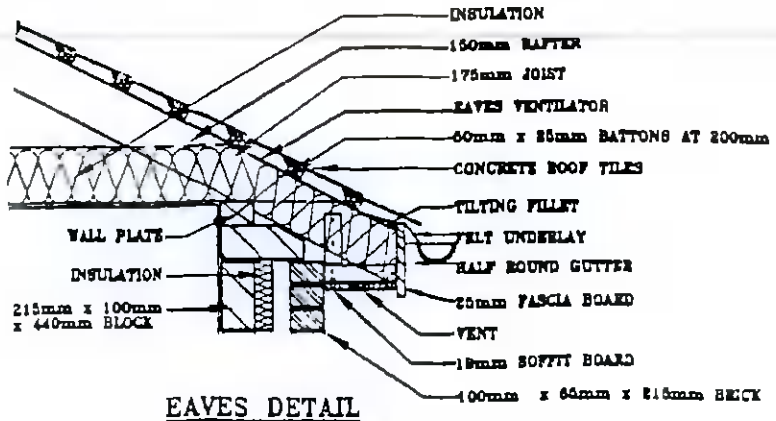
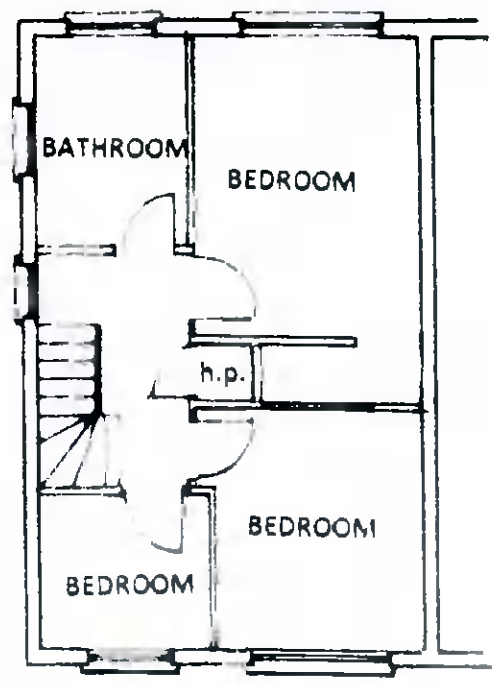


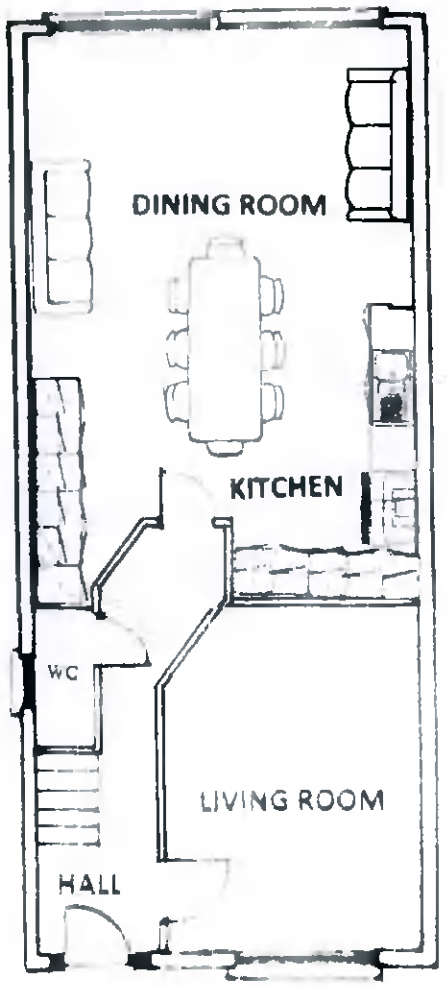
FOUNDATION DETAIL
1:20



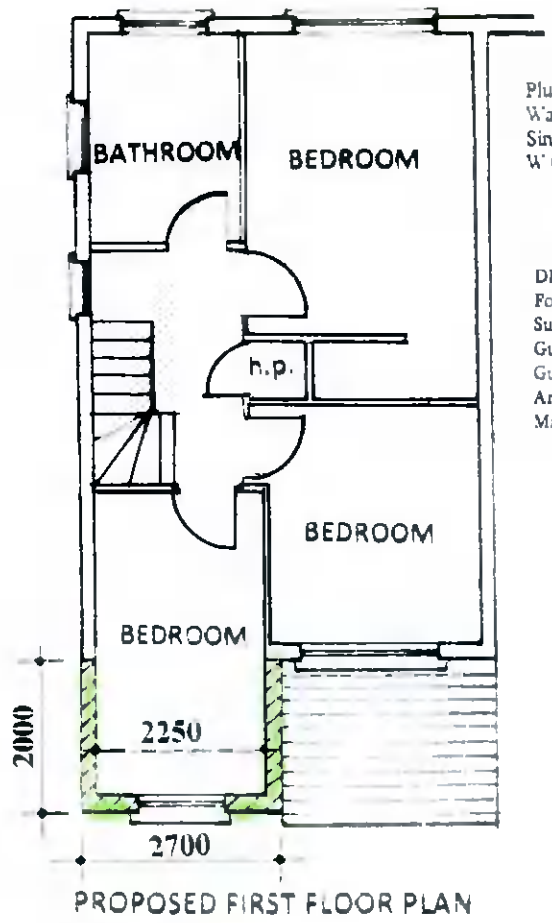
EAVES DETAIL
1:20



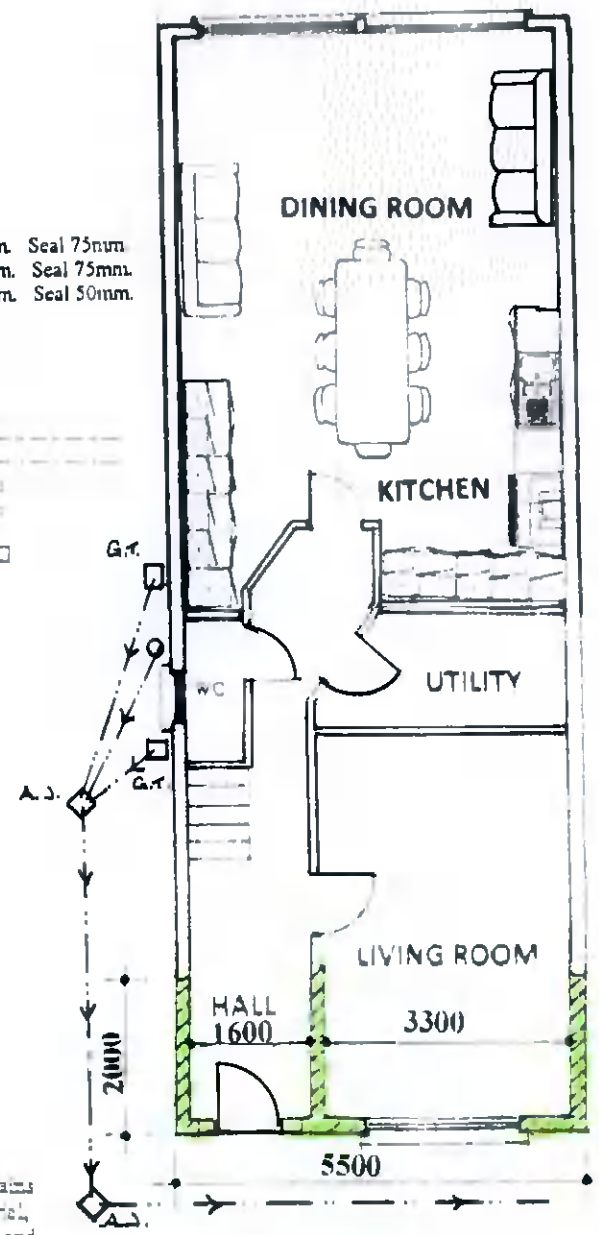
EXISTING FIRST FLOOR PLAN



EXISTING GROUND FLOOR PLAN



PROPOSED FIRST FLOOR PLAN



PROPOSED GROUND FLOOR PLAN

N

Roof
Coloured concrete roof tiles laid to manufacturers instructions on 35mmx 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.

Plumbing:
Wash basin - Trap 32mm. Seal 75mm.
Sink Bath - Trap 40mm. Seal 75mm.
W.C. - Trap 75mm. Seal 50mm.

DRAINAGE LEGEND
Foul Sewer Drain
Surface Water Drain
Gully Trap
Gull Trap R.W.P.
Armstrong Junction
Manhole

Ventilation
Room vents - 6500sq mm
Roof - 25mm continuous strip or equal
Window opes 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

Glazing - Double glazing throughout

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

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

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 hard-core filling

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%.

Drains
100mm. and 150mm. diameter drains bedded on 100mm granular material, covered with 100mm granular fill and 200mm selected fill.

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

All work to comply with Technical Guidance Document B – Fire Building Regulations 1991

Drawing Number : 614/PD/04
Scale : 1 : 100
Date : 18 November 2021
Revisions:

PROPOSED SINGLE AND TWO STOREY EXTENSION TO FRONT OF 20 CORBALLY RISE, CITYWEST, CO. DUBLIN FOR MR. OWEN LAWLOR.

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