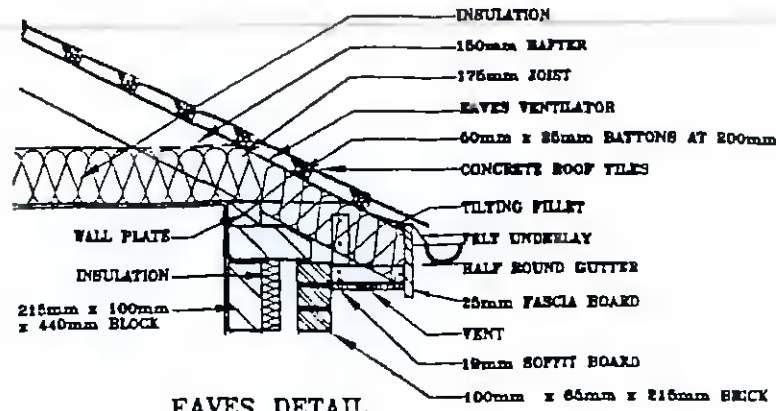
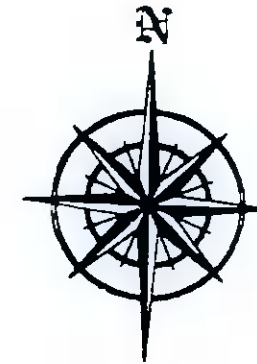


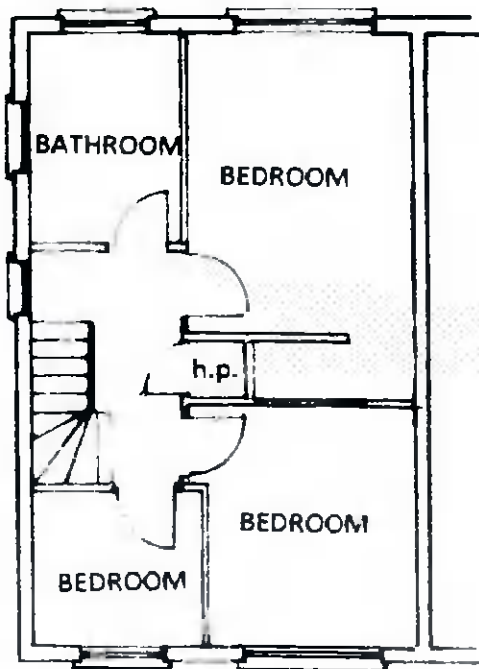
FOUNDATION DETAIL
1:20



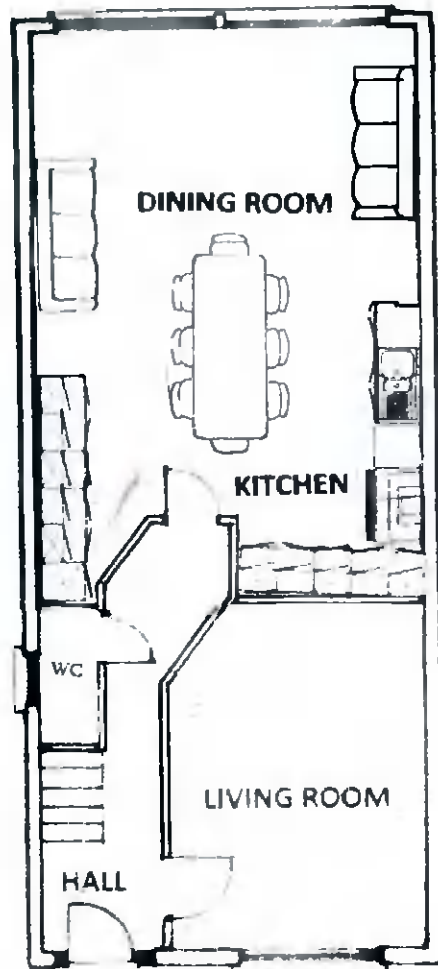
EAVES DETAIL
1:20



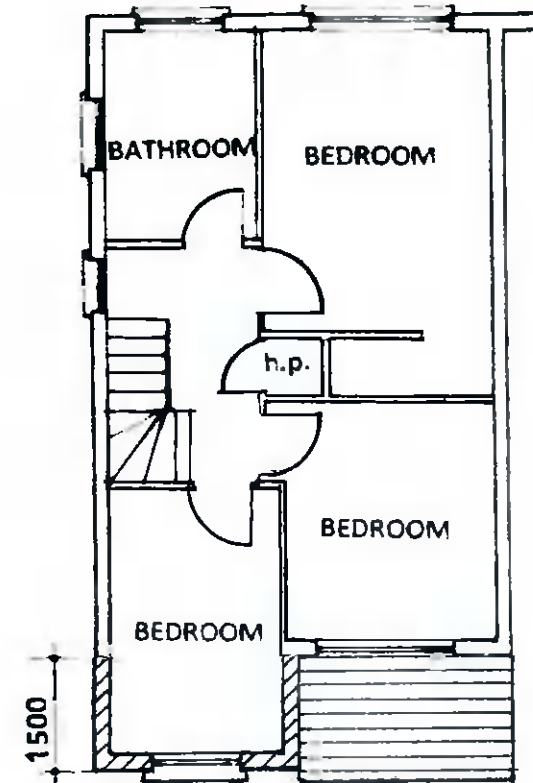
Roof:
Coloured concrete roof tiles laid to manufacturers instructions on 35mm x 50mm battens on sarking felt on prefabricated roof trusses at 600mm centres to I.S. 193: 1986, complete with bracing, water storage tank supports and holding down clips, all to manufacturers instructions.



EXISTING FIRST FLOOR PLAN



EXISTING GROUND FLOOR PLAN

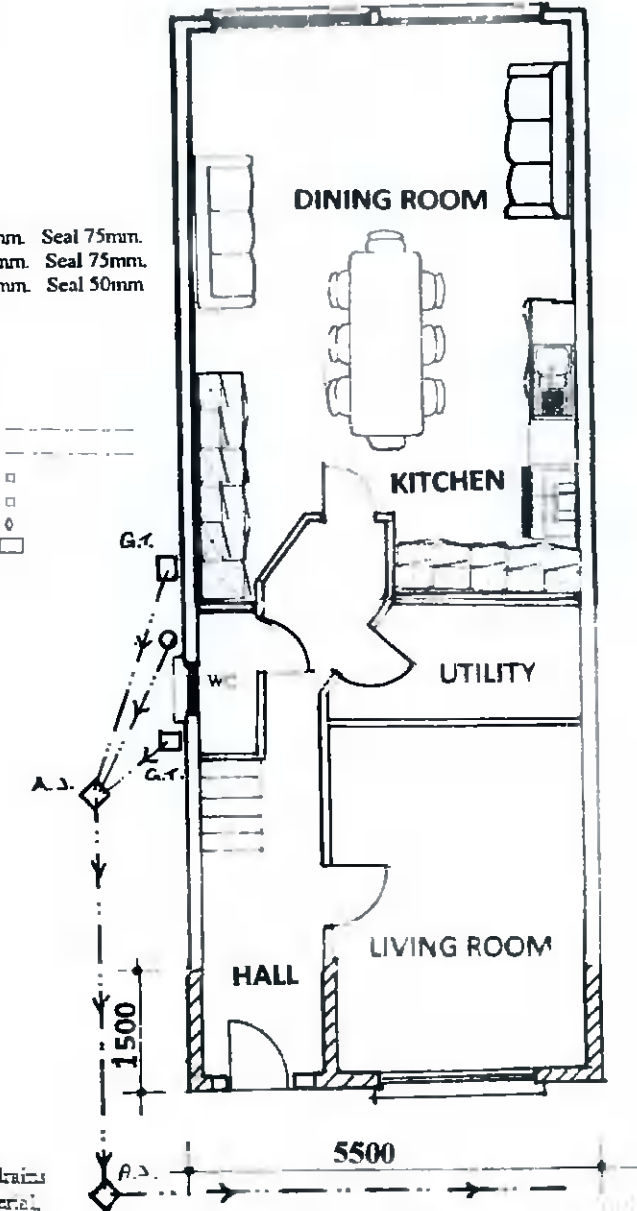


PROPOSED FIRST FLOOR PLAN

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 □



PROPOSED GROUND FLOOR PLAN

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

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

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.
75mm x 175mm SCA trimmers to firebreast and opes
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

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%.

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
98 Woodlawn Park Grove
Firhouse, Dublin 24.