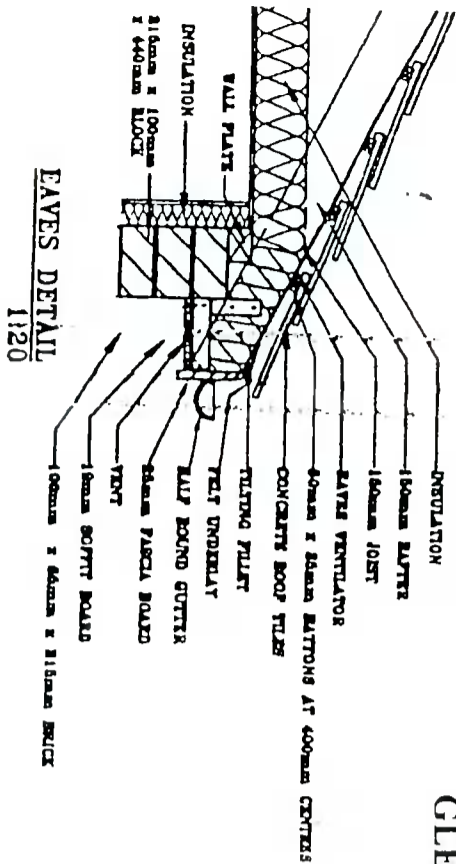


PROPOSED SINGLE STOREY EXTENSION TO REAR AND CONVERSION OF ATTIC FOR STORAGE AND DORMER WINDOW TO REAR OF 22 GLENDOHER AVENUE, RATHFARNHAM, DUBLIN 16 FOR GARTH FAIR.



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

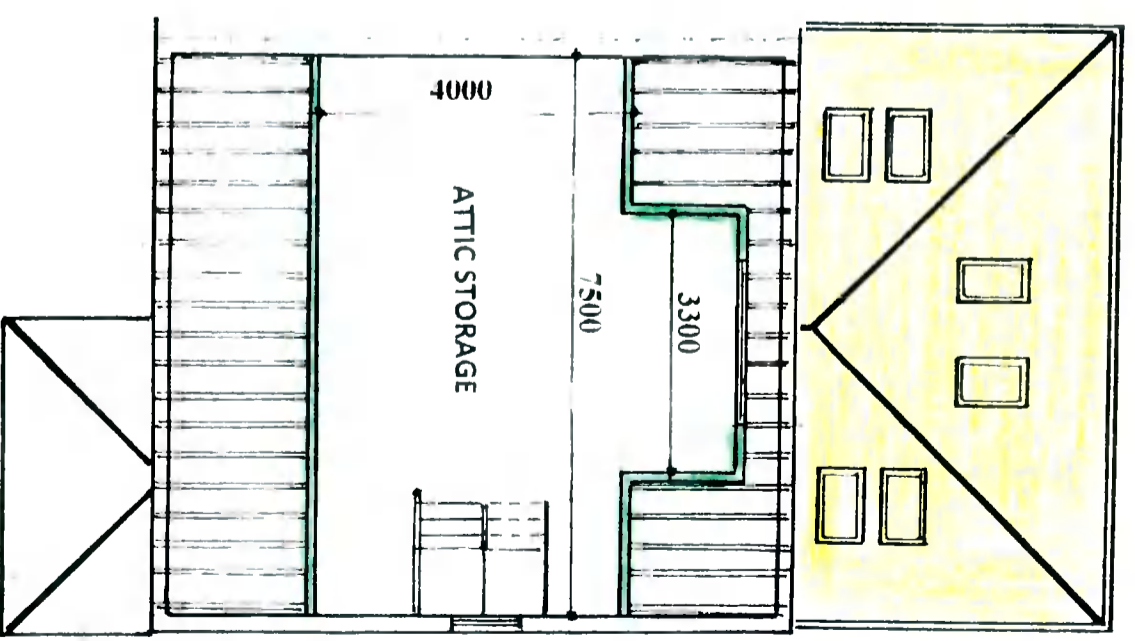
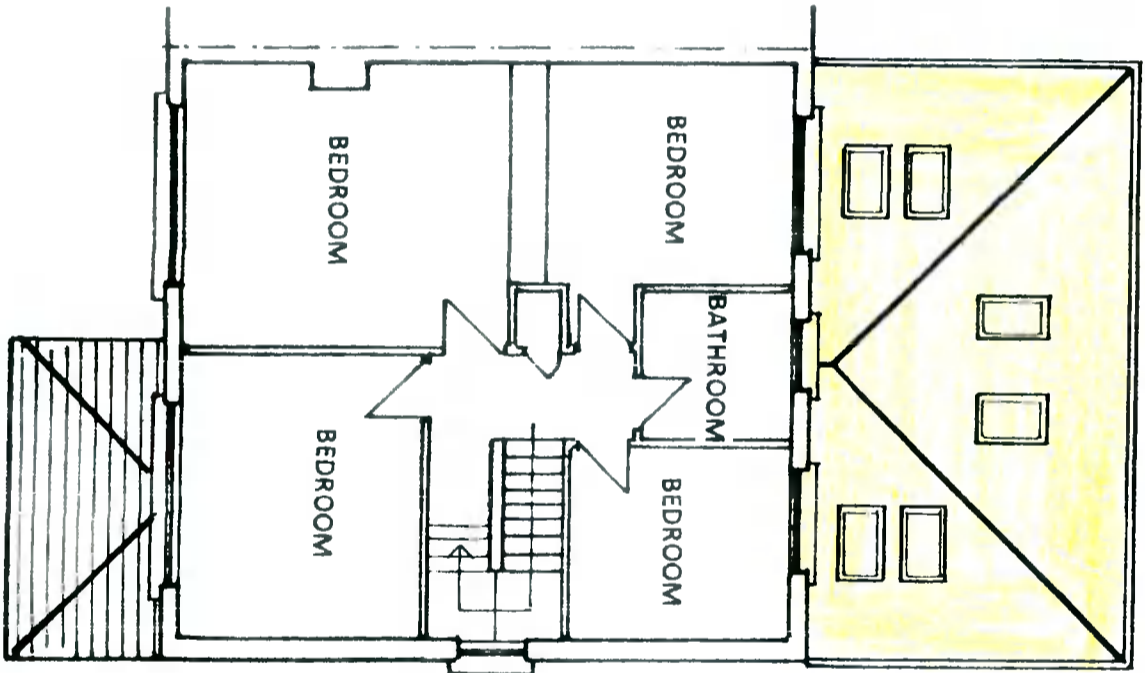
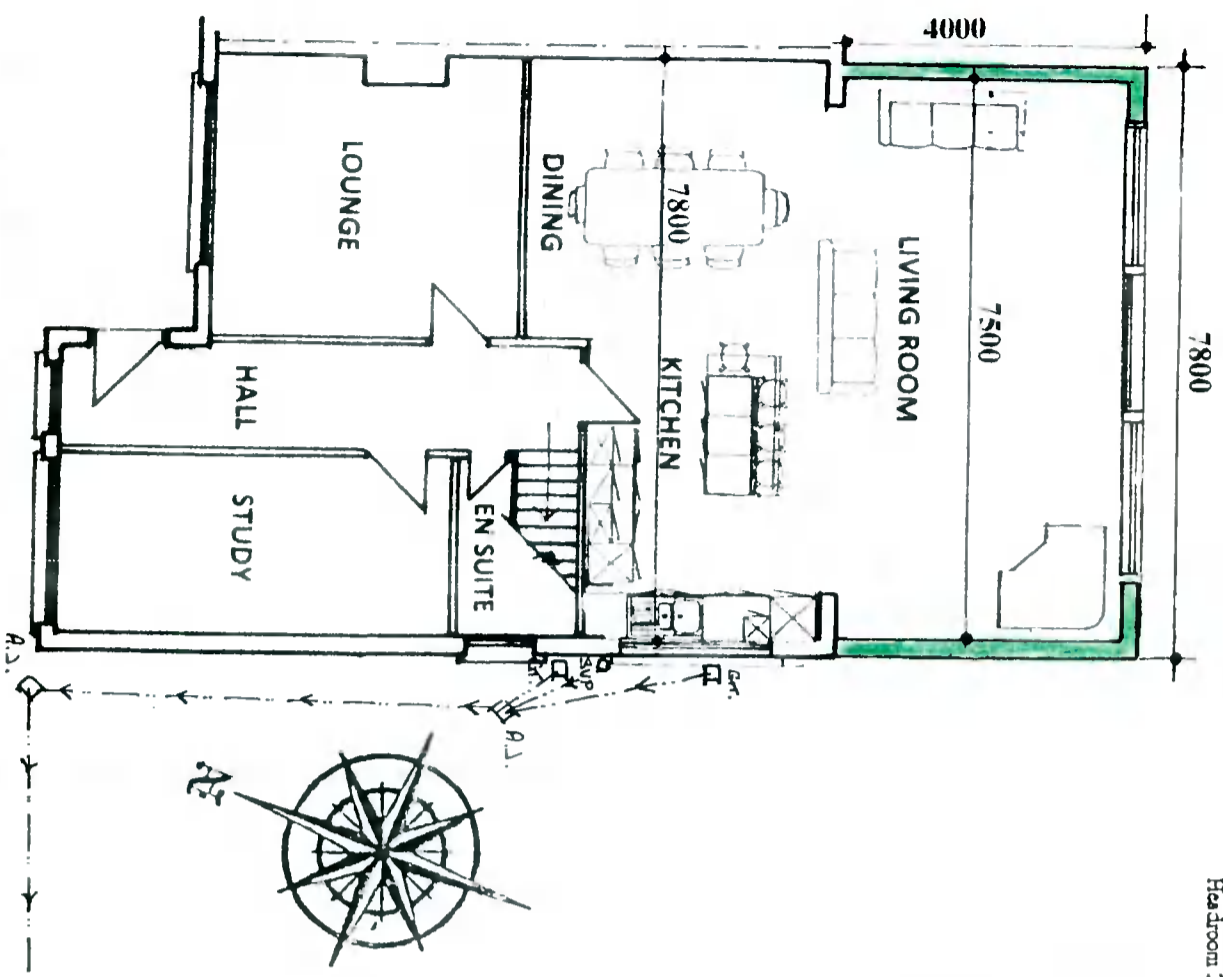
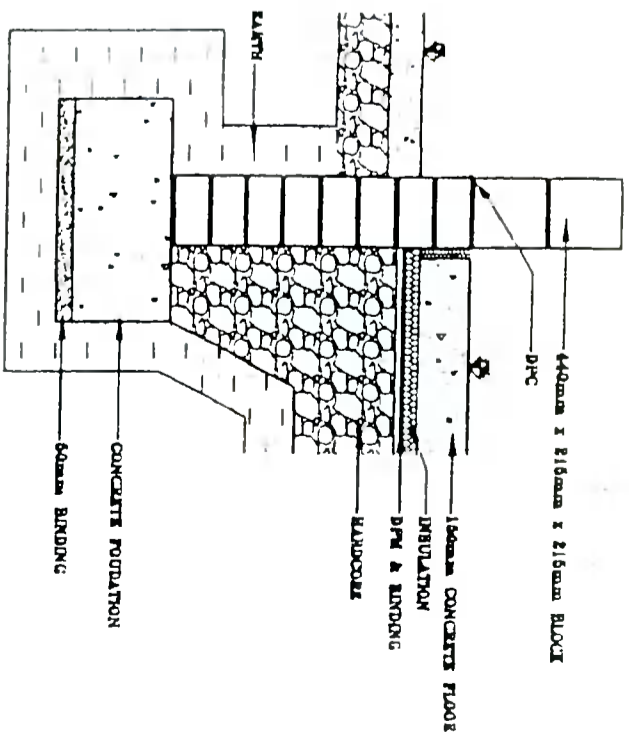
Lintels:
 Precast concrete composite lintel and pressed metal lintels incorporating insulation, 225mm, bearing each end

Ventilation:
 Room Vent - 650sq mm
 Roof - 25mm continuous strip or equivalent
 Window open kitchen 1/10 of floor area
 Other rooms 1/20 of floor area

Insulation:
 Maximum Elemental U Values:
 Exposed Roofs - 0.23 W/m² K
 Exposed Walls - 0.45 W/m² K
 Exposed Floors - 0.45 W/m² K

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

Roof:
 Structural concrete rafters in 2.0m maximum spans on 35mm x 50mm battens on 40mm x 40mm pre-laminated roof trusses at 6.25m centres @ 1:5 1986, complete with bracing wire over land supports and holding down clips as per manufacturer's instructions



Drawing Number : 615/PD/04
 Scale : 1 : 100
 Date : 12 December 2021

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%.

All work to comply with:
 Technical Guidance
 Document 3 - Fire
 Building Regulations 1997

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