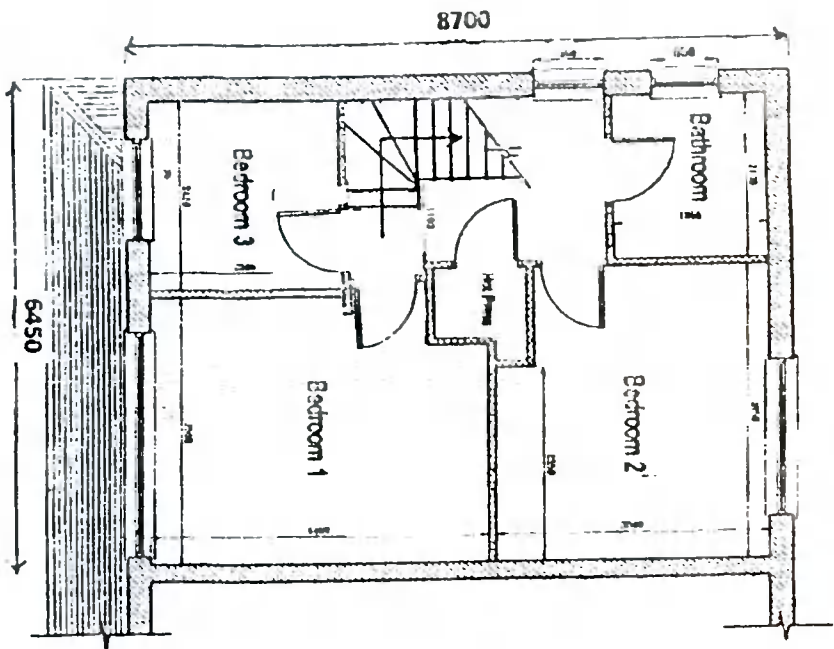


Note  
All structural timbers to comply with SR11, structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%.

**PROPOSED ATTIC CONVERSION, DORMER WINDOW AND CHANGE TO ROOF PROFILE TO 13 CARRIGLEA VIEW, FRIHOUSE, DUBLIN 24 FOR MR. WILLIAM CORLESS.**

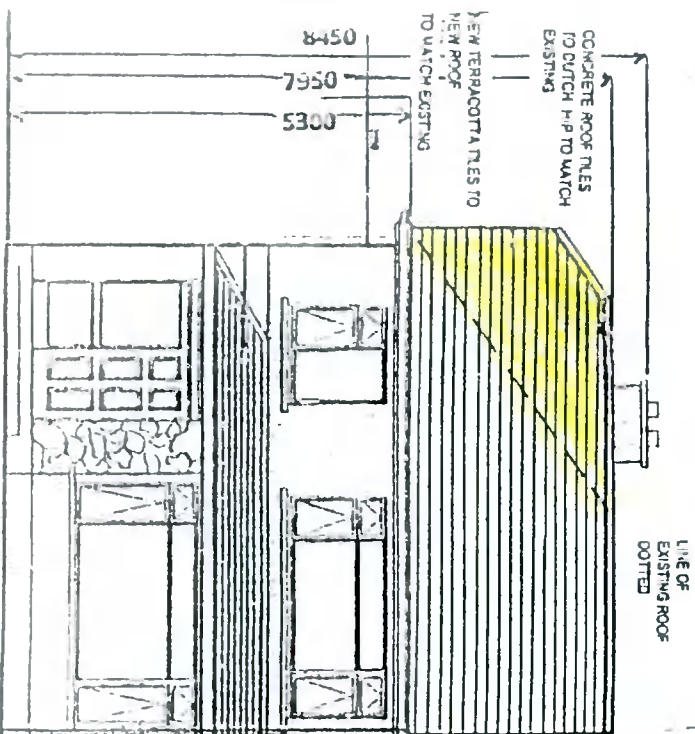
**Drawing Number : 612/PD/04**  
**Scale : 1 : 100**  
**Date : 18 August 2021**  
**Revisions:**



**PROPOSED FIRST FLOOR PLAN**

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

75mm x 100mm treated wallplate on d.p.o. strapped to walls at 2 metre centres 5mm x 30mm x length of two full blocks.

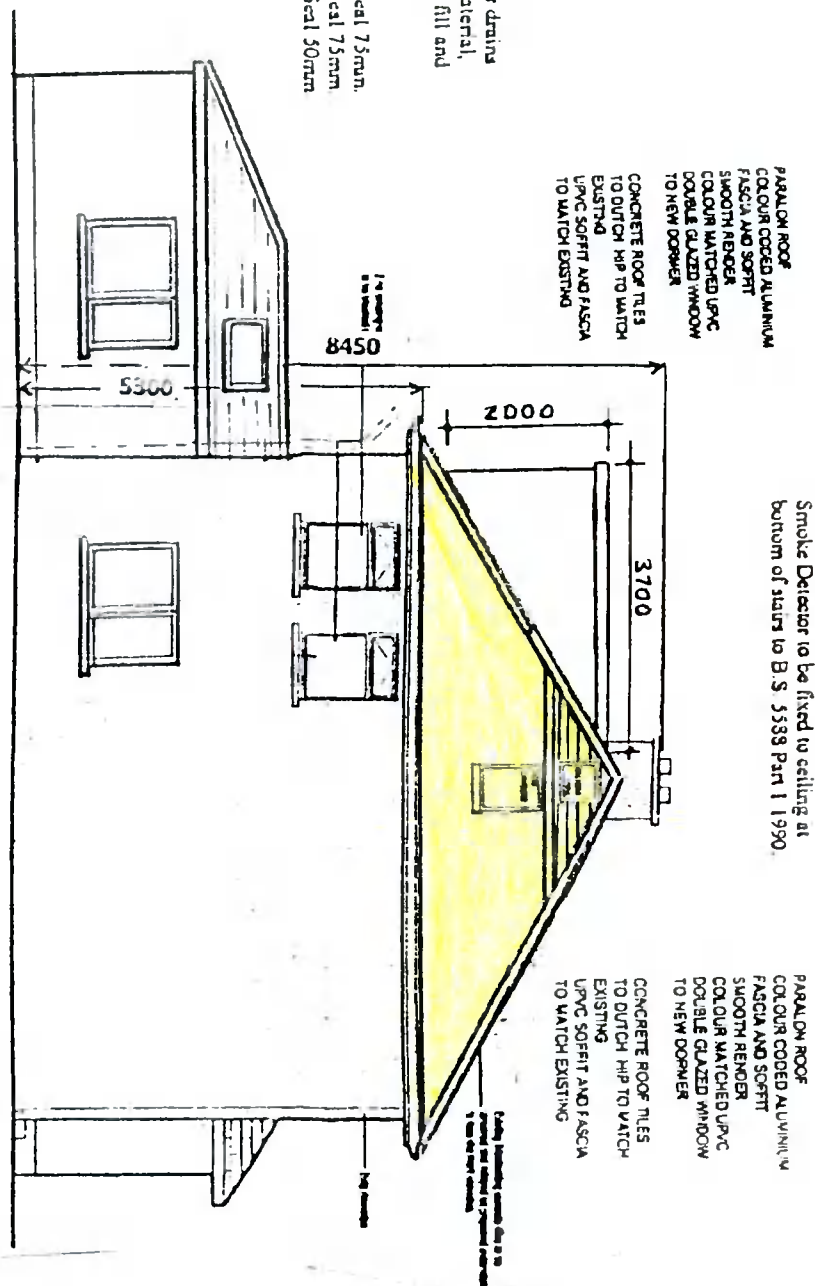


**PROPOSED FRONT ELEVATION**



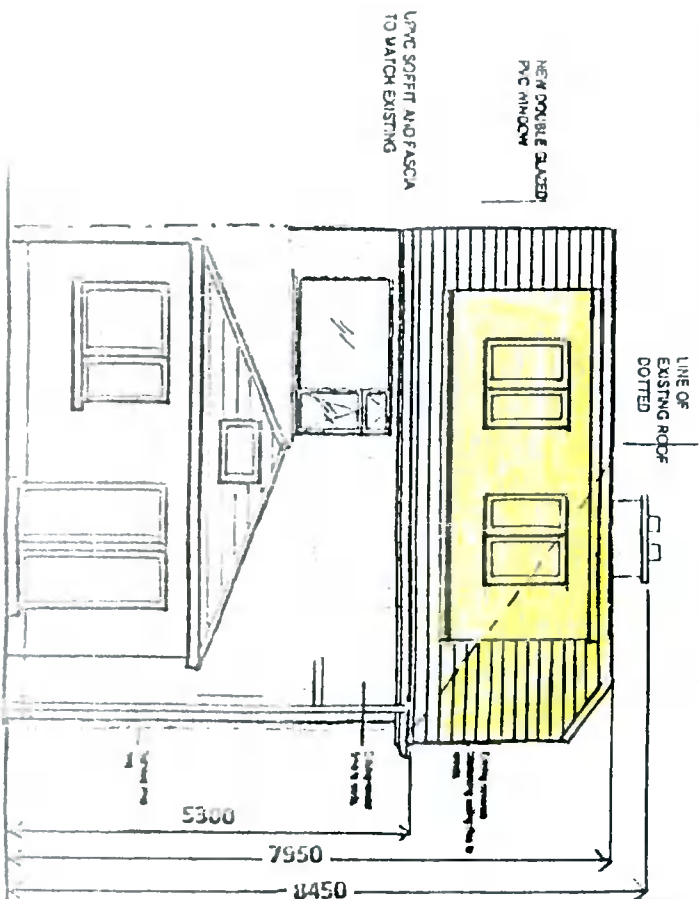
**Drains:**  
100mm and 150mm diameter drains bedded on 100mm granular material, covered with 100mm granular fill and 200mm selected fill.

**Plumbing:**  
Wash basin - Trap 25mm Seal 75mm.  
Sink / Bath - Trap 40mm Seal 75mm.  
W.C. - Trap 75mm Seal 50mm.

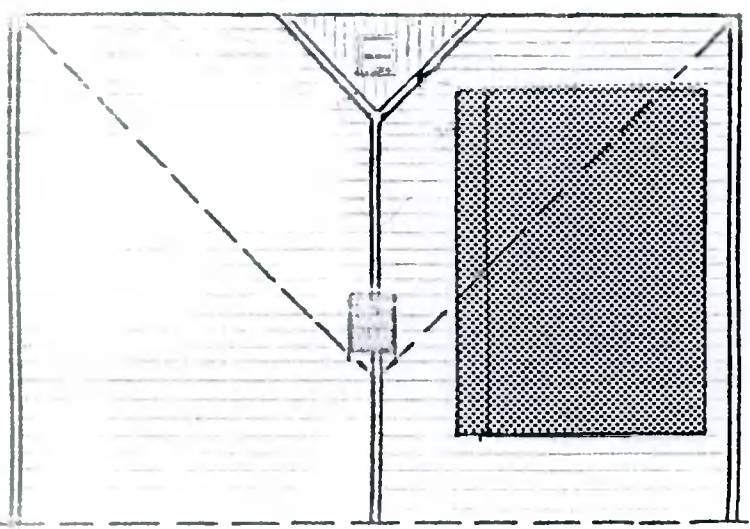


**PROPOSED SIDE ELEVATION**

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



**PROPOSED REAR ELEVATION**



**PROPOSED ROOF PLAN**

**Floor Joists:**  
44mm x 175mm SCA floor joists at 400mm centres with 1 no. row of bracing at centre span. Double row under stud Partitions in same direction.  
75mm x 175mm SCA trimmers to freecast and open joists at all party walls to be hung on metal shoes. Galv. unisad metal straps 50mm x 30mm over 3 joists at 200mm centres back and nog off walls.

**Stairs:**  
2R+G to be between 550mm and 700mm, minimum clear width 800mm.  
Balusters - 940mm vertically over pitch line and 900mm over landing, not greater than 100mm between balusters.  
Headroom 2000mm vertically.

**Concrete Mixes:**  
Lean Mix 7.5 N/mm<sup>2</sup>.  
Pipe Bedding 10.0 N/mm<sup>2</sup>.  
Blinding 10.0 N/mm<sup>2</sup>.  
Strip Foundation 15.0 N/mm<sup>2</sup>.  
Ground Floor 20.0 N/mm<sup>2</sup>.  
Paths 25.0 N/mm<sup>2</sup>.

**Ventilation:**  
Rizom vents - 6500sq mm.  
Roof - 25mm continuous strip or equal Window over Kitchen 1/10 of floor area other rooms 1/20 of floor area.

**Insulation:**  
Minimum Elemental UJI Values  
Exposed Roofs - 0.25 W/m<sup>2</sup> K  
Exposed Walls - 0.45 W/m<sup>2</sup> K  
Exposed Floors - 0.45 W/m<sup>2</sup> K

Clazing - Double glazing throughout.

Smoke Detector to be fixed to ceiling at bottom of stairs to BS 5588 Part 1 1994