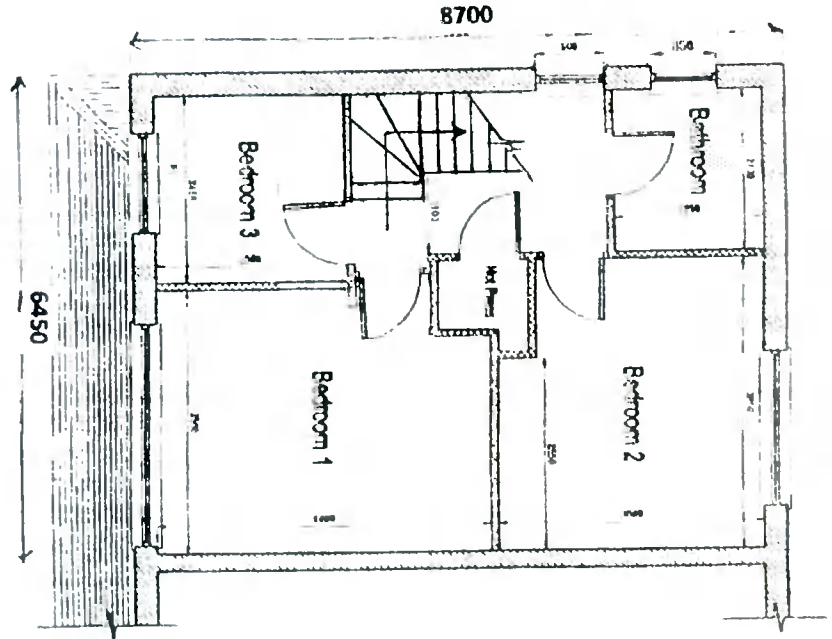


All structural timbers to comply with SFI1 structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%

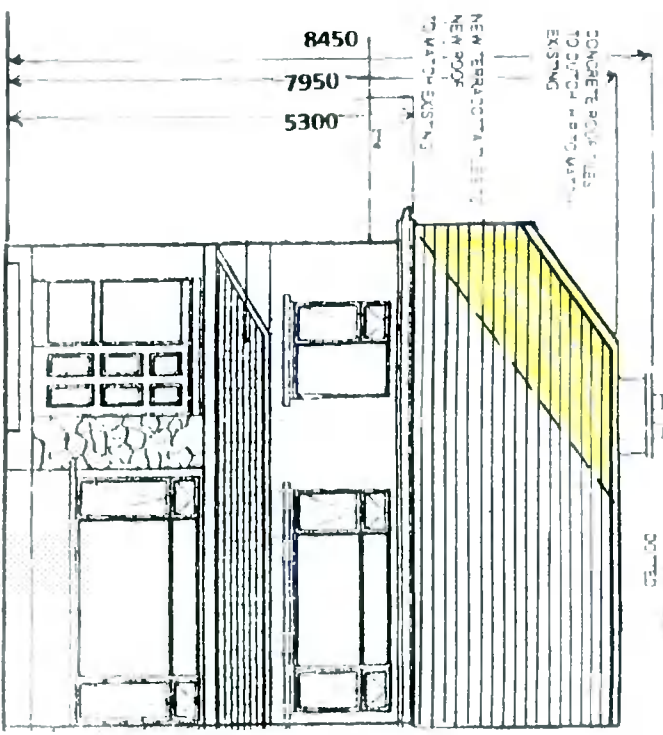
**PROPOSED ATTIC CONVERSION, DORMER WINDOW TO REAR AND CHANGE TO ROOF PROFILE TO 1 CARRIGLEA VIEW, FIRHOUSE, DUBLIN 24 FOR MR. STEPHEN MURTAGH.**

Drawing Number : 613/PD/04  
 Scale : 1 : 100  
 Date : 28 September 2021  
 Revisions:



**PROPOSED FIRST FLOOR PLAN**

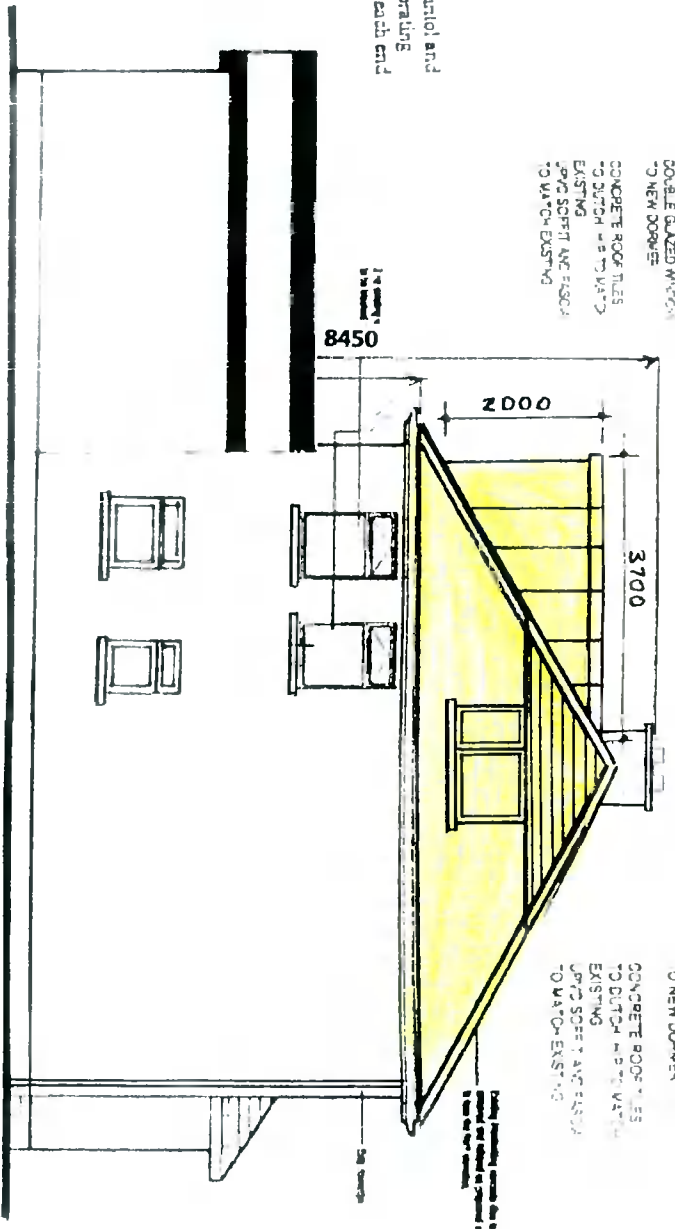
- DRAINAGE LEGEND**
- Fall Sewer Drain
  - Surface Water Drain
  - Gully Trap
  - Gully Trap R.W.P.
  - Armstrong Junction
  - Manhole



**PROPOSED FRONT ELEVATION**



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



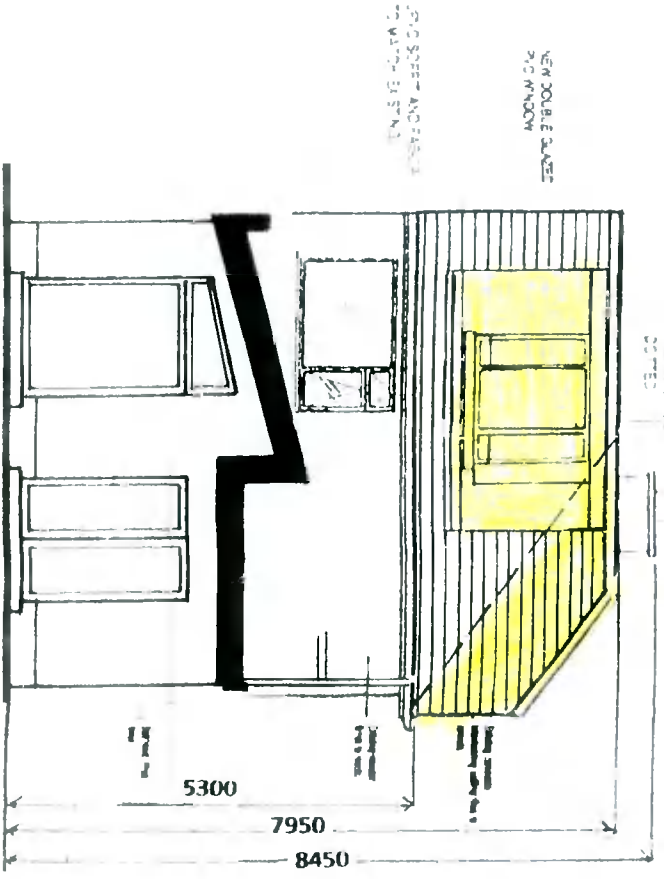
**PROPOSED SIDE ELEVATION**

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

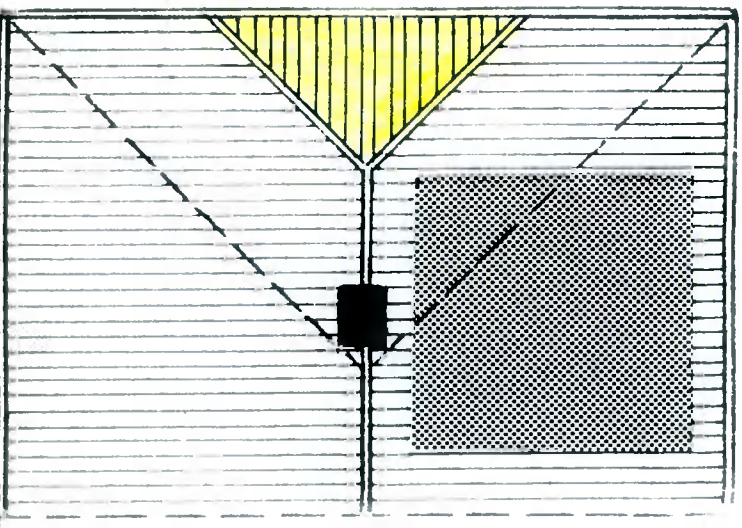
- PARA. ON ROOF  
 COLOUR CODED ALUMINIUM  
 FASCIA AND SOFFIT  
 SHOOTING BOARD  
 COLOUR MATCHED PVC  
 DOUBLE GLAZED WINDOW  
 TO NEW DORMER

Smoke Detector to be fixed to ceiling at bottom of stairs to B.S. 5588 Part 1 1999

- CONCRETE ROOF TILES  
 TO B.S. 5588 Part 1 1999  
 EXISTING  
 PVC SOFFIT AND FASCIA  
 TO MATCH EXISTING



**PROPOSED REAR ELEVATION**



**PROPOSED ROOF PLAN**

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 joists to firebrass and egg bolts at all party walls to be hung on metal shoes. Galv-arnased metal straps 50mm x 10mm over 3 joists at 200mm centres pack and nog off walls.

Stairs  
 230 to be between 50mm and 70mm minimum clear width 800mm  
 Balusters - 80mm vertically over pitch line and 90mm over landing, not greater than 100mm between balusters  
 Handroom 200mm vertically

- Concrete M.C.S.  
 Lint M/A 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>  
 Overall Floor 20.0 N/mm<sup>2</sup>  
 Perim 25.0 N/mm<sup>2</sup>

Room vents - 6000sq 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 Uj 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  
 Glazing - Double glazing throughout  
 Smoke Detector to be fixed to ceiling at bottom of stairs to B.S. 5588 Part 1 1999.