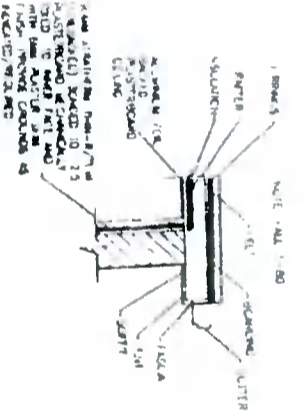
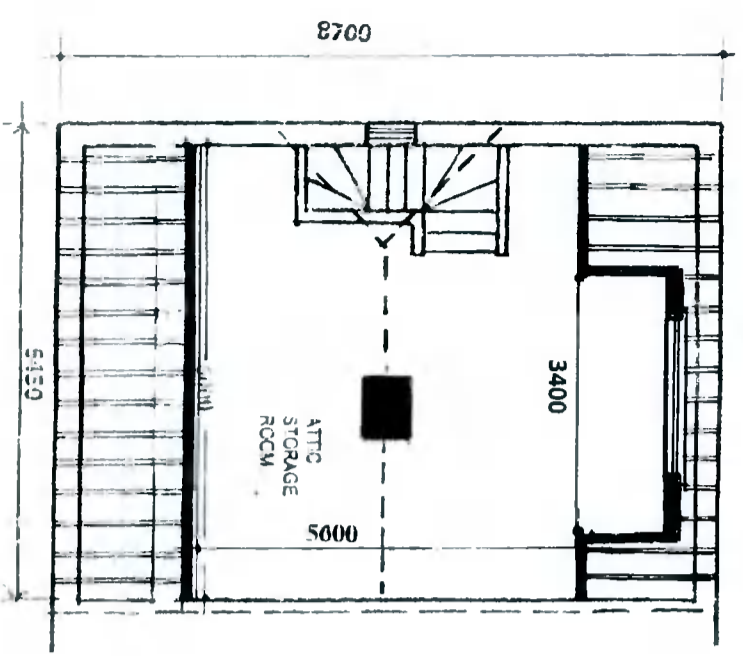
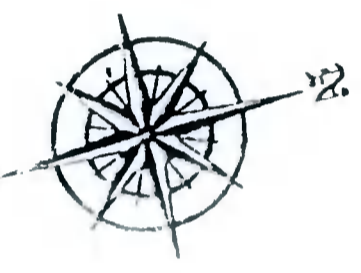
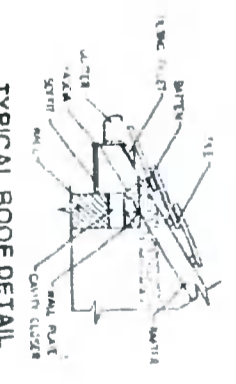


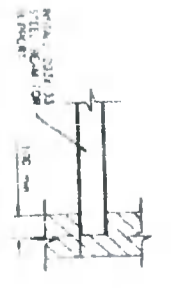
**PROPOSED SECTION**



TYPICAL FLAT ROOF DETAIL



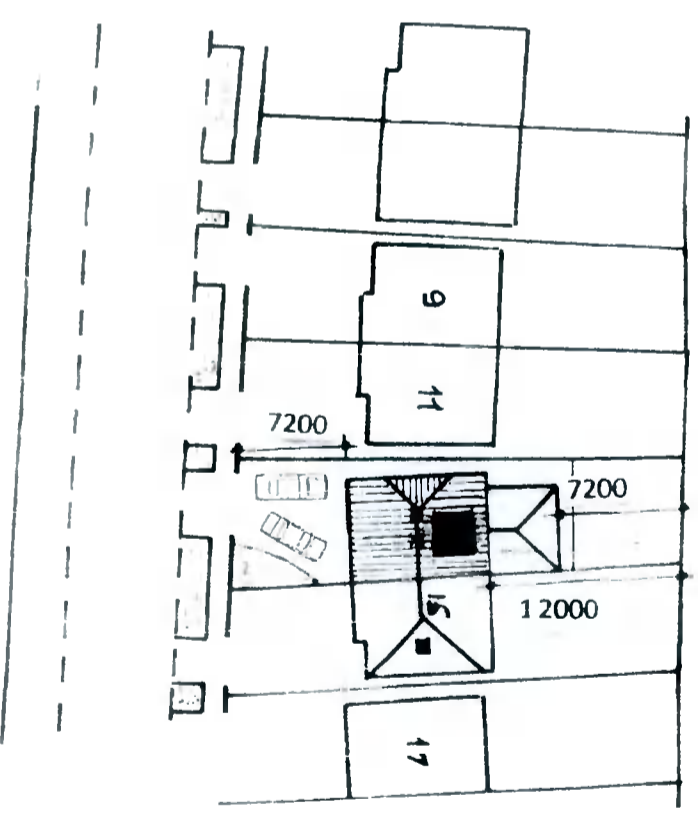
TYPICAL ROOF DETAIL



TYPICAL SUPPORT DETAIL

**Stairs**  
 2R-G to be between 550mm and 700mm, minimum clear width 800mm  
 Balusters - 840mm vertically over pitch line and 900mm over landing, not greater than 100mm between balusters  
 Handroom 2000mm vertically

**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 open joists at all party walls to be hung on metal shoes Galvanised metal straps 50mm x 30mm over 3 joists at 2000mm centres pack and nog off walls



SITE PLAN Scale : 1 : 500

**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%.

**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>

**Linoists:**  
 Precast concrete composite linoist and precast metal linoists incorporating insulation, 225mm, bearing each end.

**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 Element U-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

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

**PROPOSED ATTIC CONVERSION:**

WATSON FITZPATRICK & ASSOCIATES  
 Planning & Design Consultants  
 98 Woodlawn Park Grove  
 Fishhouse, Dublin 24.

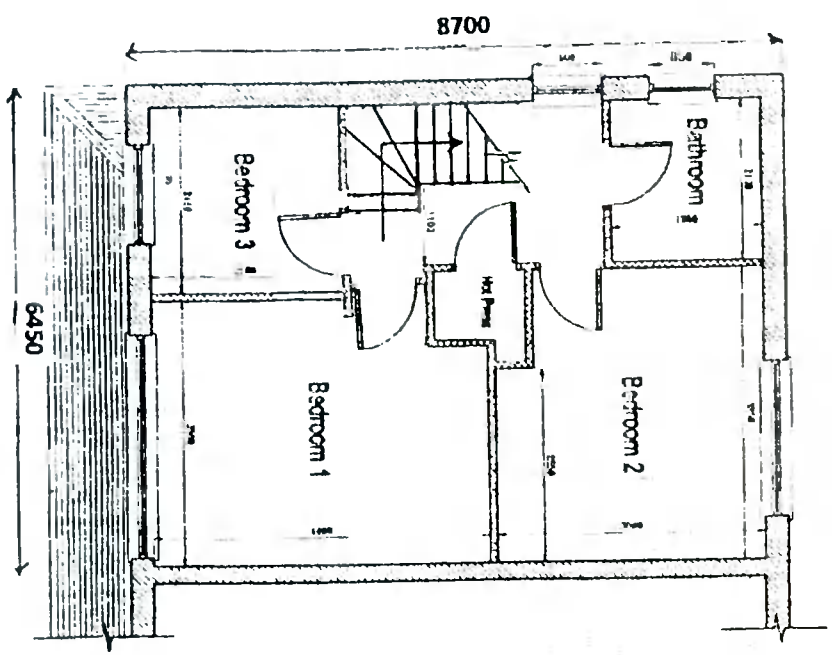
**PROPOSED ATTIC CONVERSION, DORMER WINDOW AND CHANGE TO ROOF PROFILE TO IS CARRIGLEA VIEW, FISHHOUSE, DUBLIN 24 FOR MR. WILLIAM CORLESS.**

Drawing Number : 612/PD/05  
 Scale : 1 : 100  
 Date : 13 August 2021  
 Revisions:

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, FIRHOUSE, DUBLIN 24 FOR MR. WILLIAM CORLESS.**

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



**PROPOSED FIRST FLOOR PLAN**

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

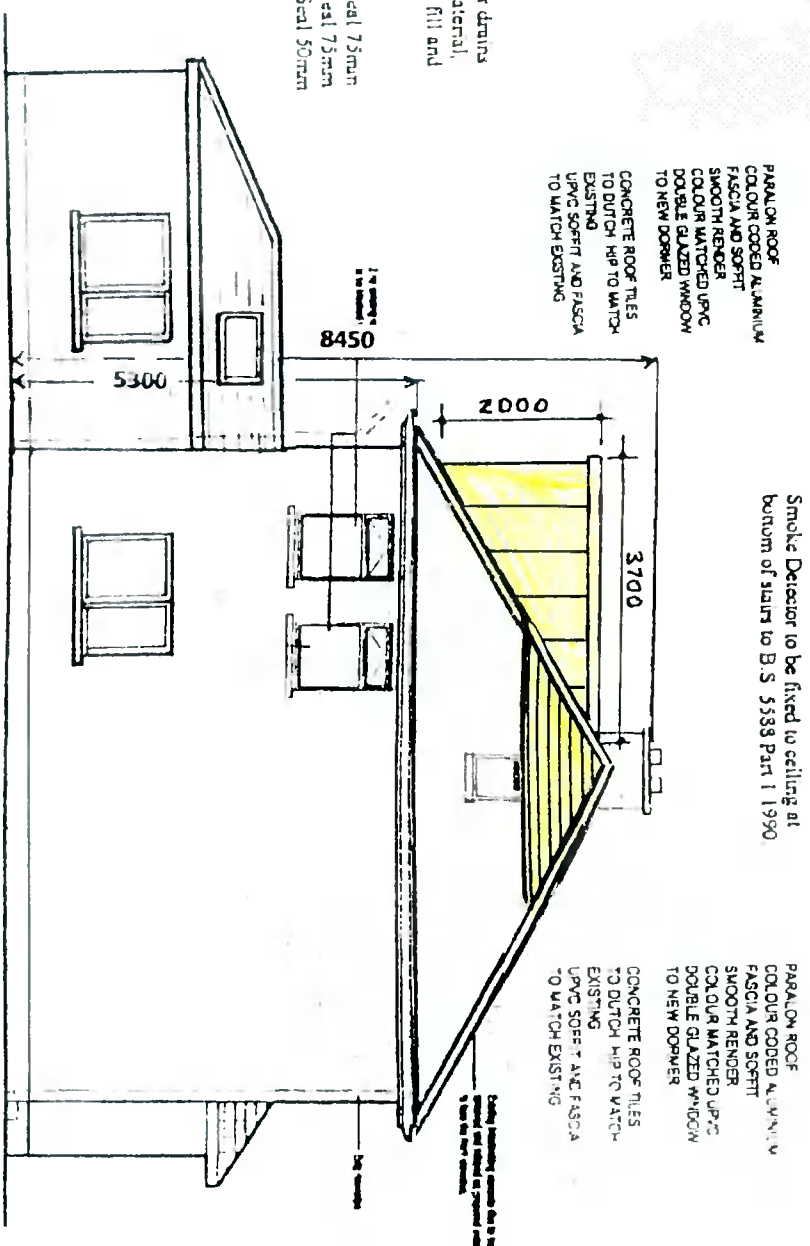
**Plumbing**  
Wash basin - Trap 32mm Seal 75mm  
Sink/Bath - Trap 45mm Seal 75mm  
W.C - Trap 75mm Seal 50mm



**DRAINAGE LEGEND**

Foul Sewer Drain	---
Surface Water Drain	- - - -
Gully/Trap	□
Gull Trap R.W.P.	□
Amstrong Junction	□
Manhole	□
LINE OF EXISTING ROOF	.....
LINE OF PROPOSED ROOF	.....

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



**PROPOSED SIDE ELEVATION**

PARALUX ROOF COLOUR CODED ALUMINIUM FASCIA AND SOFFIT SMOOTH RENDER COLOUR MATCHED UPVC DOUBLE GLAZED WINDOW TO NEW DORMER

CONCRETE ROOF TILES TO DUTCH HIP TO MATCH EXISTING UPVC SOFFIT AND FASCIA TO MATCH EXISTING

Smoke Detector to be fixed to ceiling at bottom of stairs to B.S. 5338 Part 1 1990

PARALUX ROOF COLOUR CODED ALUMINIUM FASCIA AND SOFFIT SMOOTH RENDER COLOUR MATCHED UPVC DOUBLE GLAZED WINDOW TO NEW DORMER

CONCRETE ROOF TILES TO DUTCH HIP TO MATCH EXISTING UPVC SOFFIT AND FASCIA TO MATCH EXISTING

**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 be fixed and open joints at all party walls to be hung on metal shoes. Galvanised metal straps 50mm x 30mm over 3 joists at 3000mm centres back and nog off walls.

**Stairs:**  
2R+0 to be between 550mm and 700mm, minimum clear width 800mm  
Balusters - 80mm vertically over pitch line and 900mm over landing, not greater than 100mm between balusters  
1 headroom 2000mm vertically

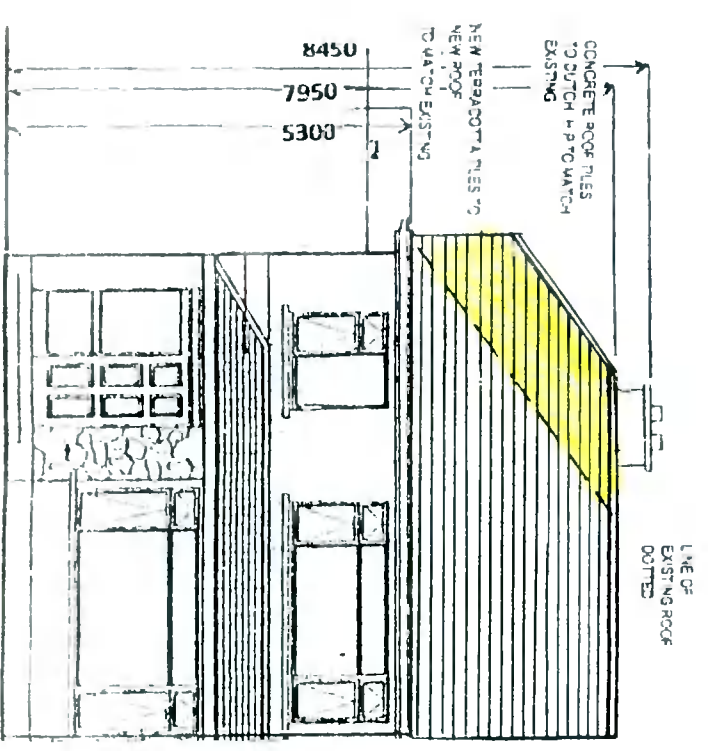
**Concrete Masses**

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>

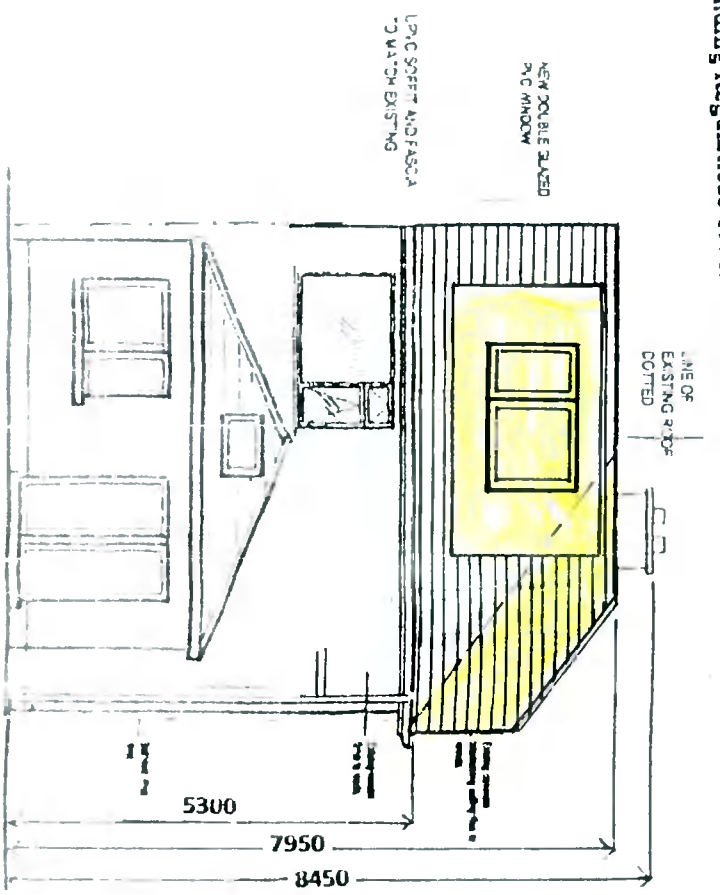
**Ventilation:**  
Room vents - 6500mm<sup>2</sup> min.  
Roof - 250mm continuous strip or eq. at 1/4 window spaces (Kilburn 1/10) of floor area, other rooms 1/20 of floor area

**Insulation:**  
Maximum External U/Va  
Exposed Raft - 0.25 W/M<sup>2</sup>K  
Exposed Walls - 0.45 W/M<sup>2</sup>K  
Exposed Floors - 0.15 W/M<sup>2</sup>K

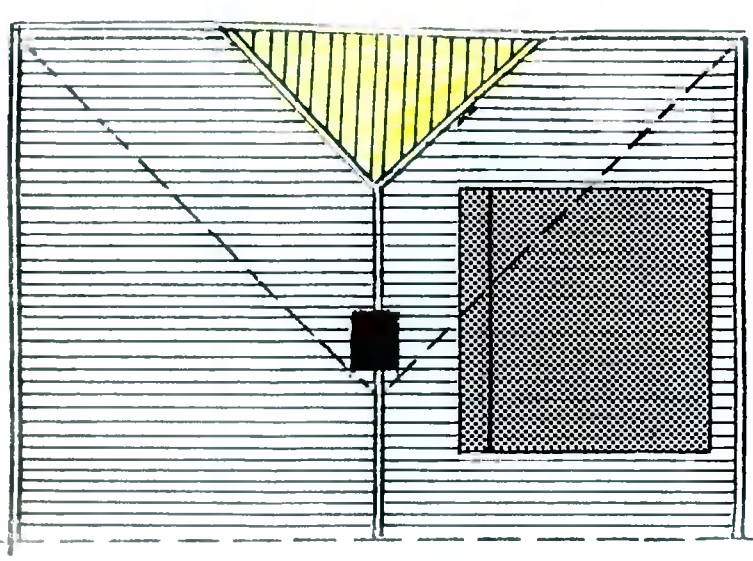
Smoking Detector to be fixed to ceiling at bottom of stairs to B.S. 5338 Part 1 1990



**PROPOSED FRONT ELEVATION**



**PROPOSED REAR ELEVATION**



**PROPOSED ROOF PLAN**