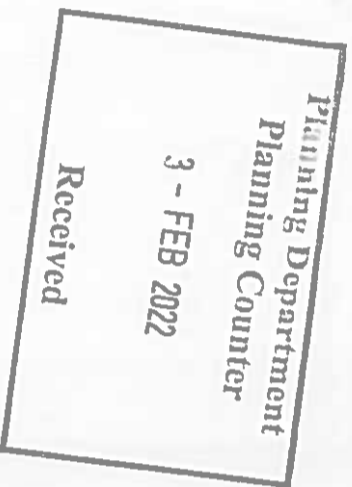


**WATSON FITZPATRICK & ASSOCIATES**  
**Planning & Design Consultants**  
98 Woodlawn Park Grove,  
Firhouse, Dublin 24  
Tel : 087 2909752

COMPLIANCE SUBMISSION



South Dublin Co. Co.  
County Hall,  
Town Centre  
Tallaght  
Dublin 24.

Register Reference: SD21B/0519

3 February 2022

**Re: Proposed attic conversion, dormer window to rear, change to roof profile at 1 Carriglea View, Firhouse, Dublin 24 for Stephen Murtagh.**

Dear Sirs,

Further to your decision to grant permission for above proposal please find enclosed our drawings 613/PD/04 and 613/PD/05 in response to compliance with condition 2 of the decision to grant of permission.

Should you require any further information please do not hesitate to contact us.

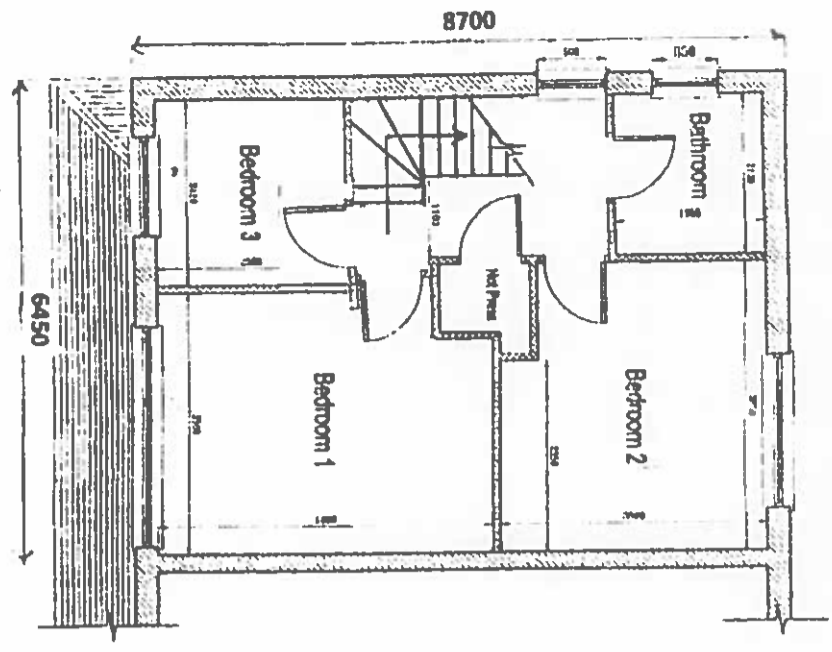
Yours faithfully,

WATSON FITZPATRICK & ASSOCIATES.

Note  
All structural timbers to comply with SK11, structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%.

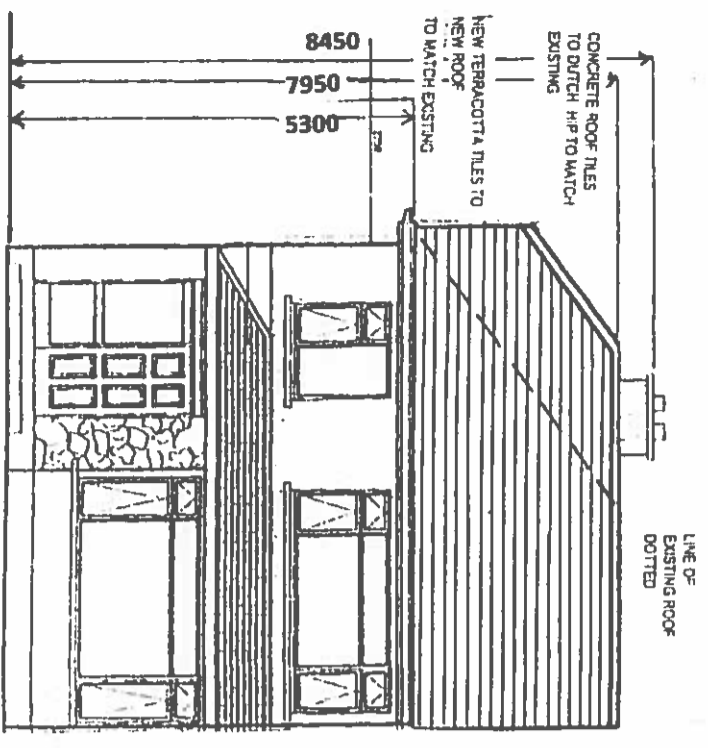
**PROPOSED ATTIC CONVERSION, DORMER WINDOW TO REAR AND CHANGE TO ROOF PROFILE TO 1 CARRIGLEA VIEW, FIRHOUSE, DUBLIN 24 FOR MR. STEPHEN MURTAGH.**

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

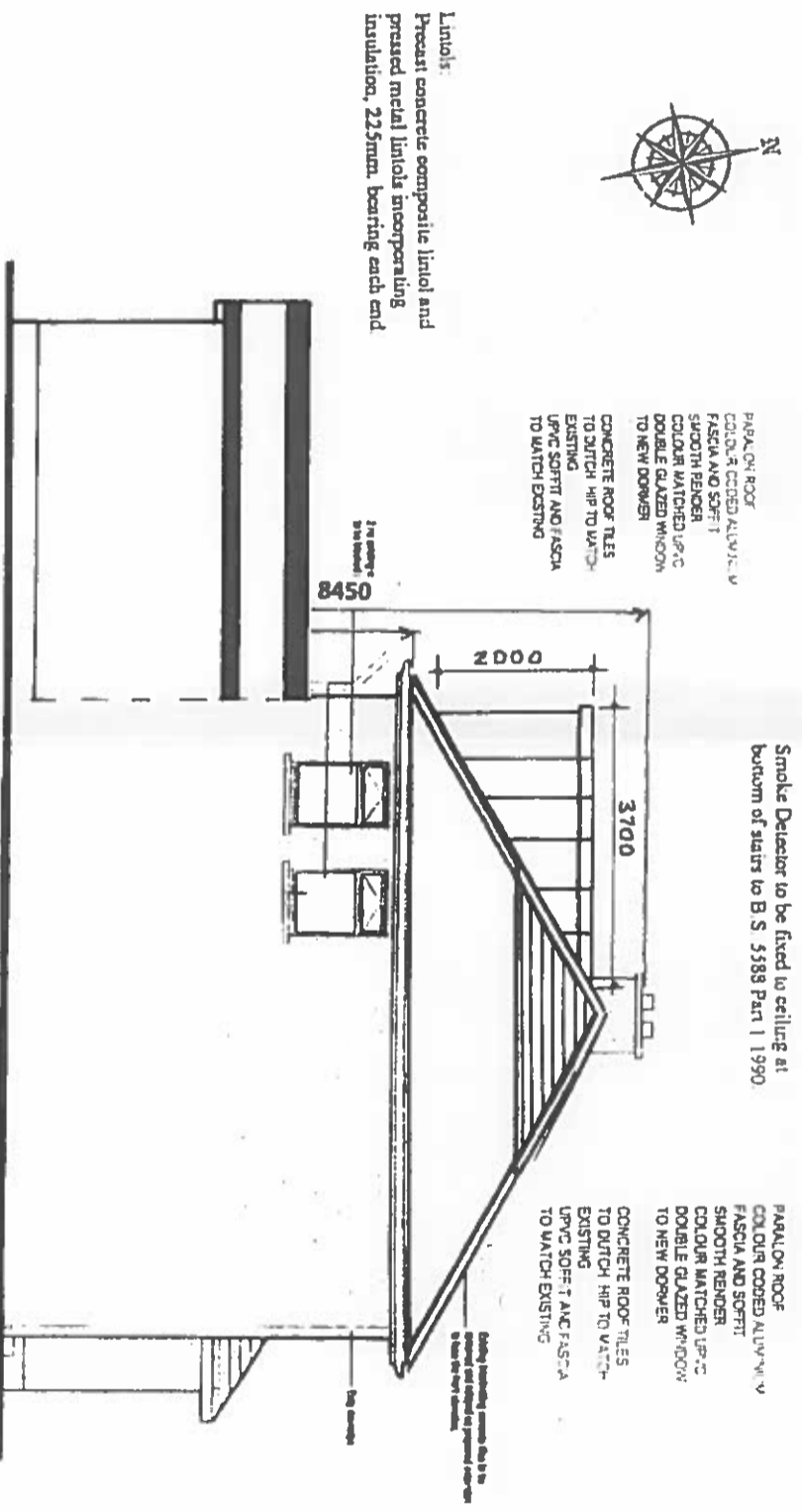


**PROPOSED FIRST FLOOR PLAN**

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

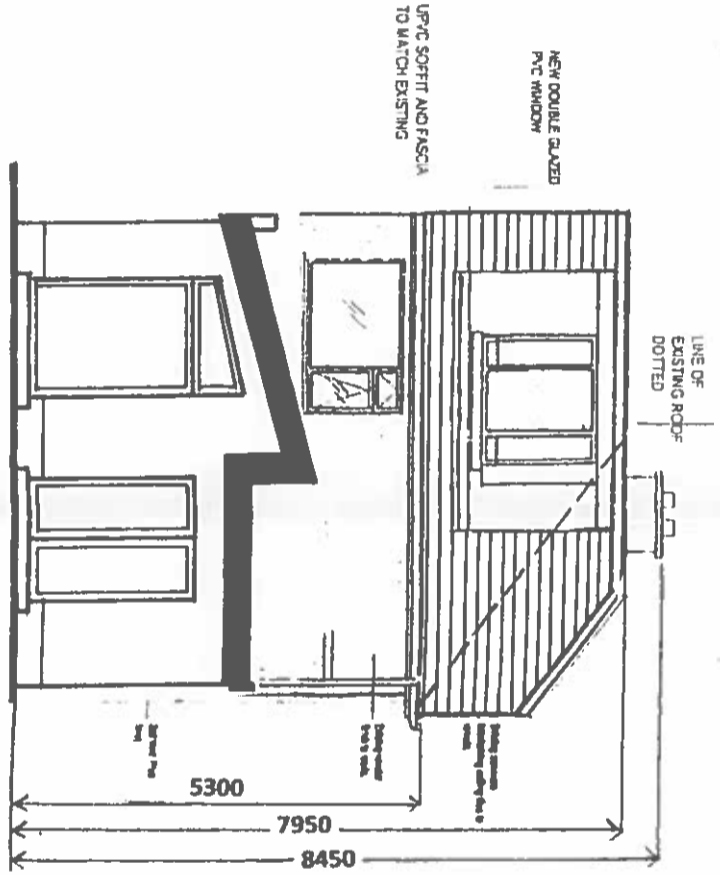


**PROPOSED FRONT ELEVATION**

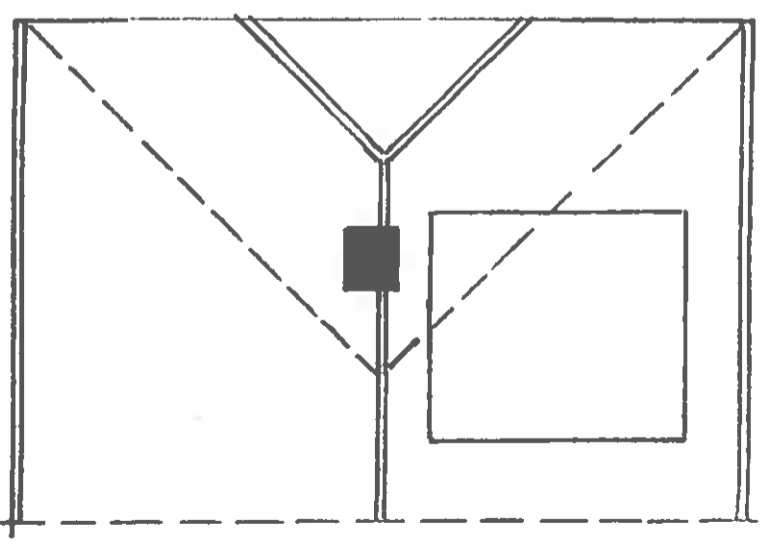


**PROPOSED SIDE ELEVATION**

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 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 back and nog off walls.

**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  
Landingroom 2000mm vertically

Concrete Mass

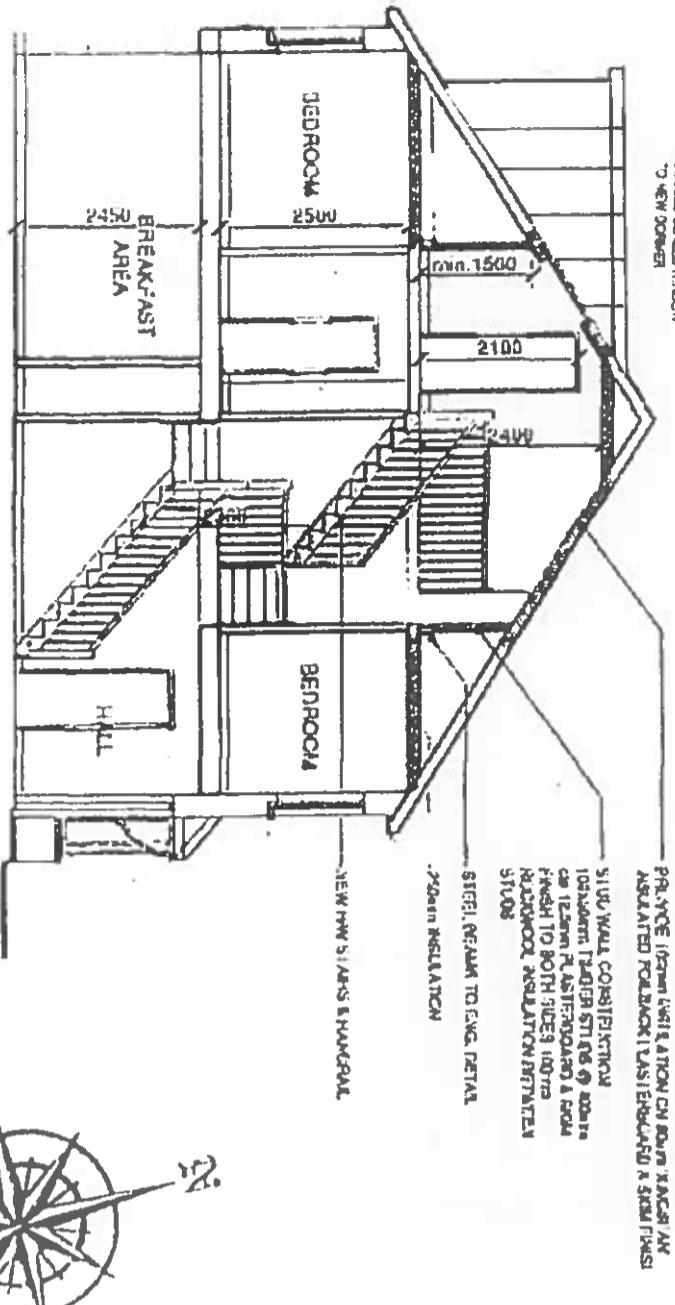
Lean Mass	7.5 N/mm <sup>2</sup>
Pipe Bedding	10.0 N/mm <sup>2</sup>
Blinding	10.0 N/mm <sup>2</sup>
Strip Foundation	15.0 N/mm <sup>2</sup>
Ground Floor	20.0 N/mm <sup>2</sup>
Palis	25.0 N/mm <sup>2</sup>

**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<sub>v</sub> 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

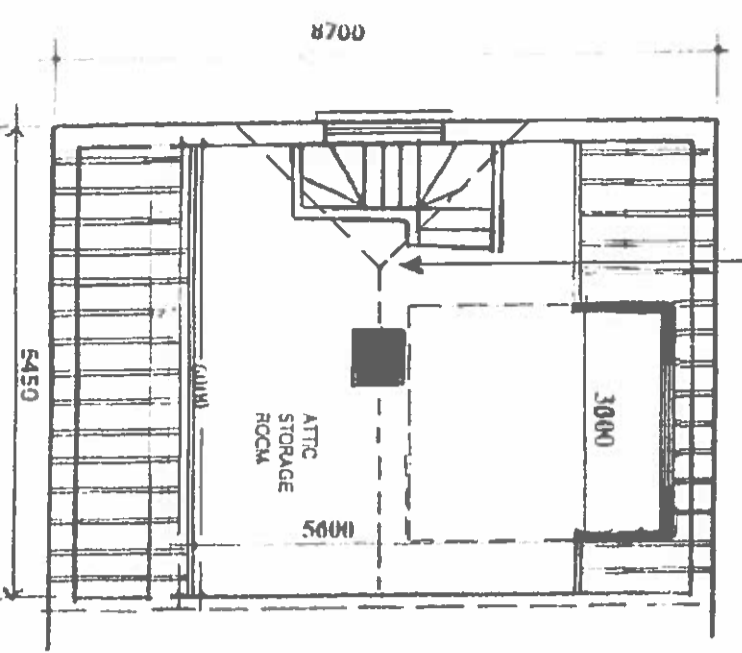
Glazing - Double glazing throughout

Smoke Detector to be fixed to ceiling at bottom of stairs to B S 5588 Part 1 1991.



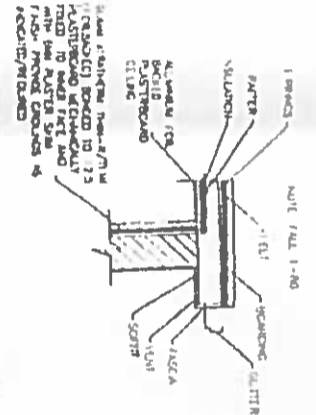
**PROPOSED SECTION**

Intersection point of existing ridgeline and proposed half hip

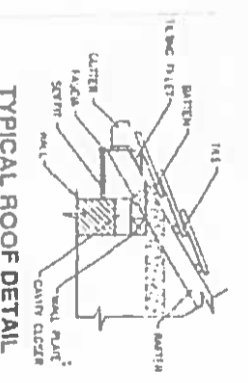


**PROPOSED ATTIC CONVERSION**

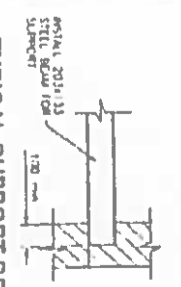
WATSON FITZPATRICK & ASSOCIATES  
Planning & Design Consultants  
98 Woodlawn Park Grove



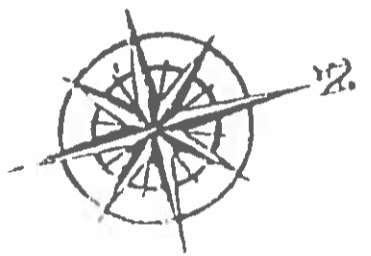
TYPICAL FLAT ROOF DETAIL



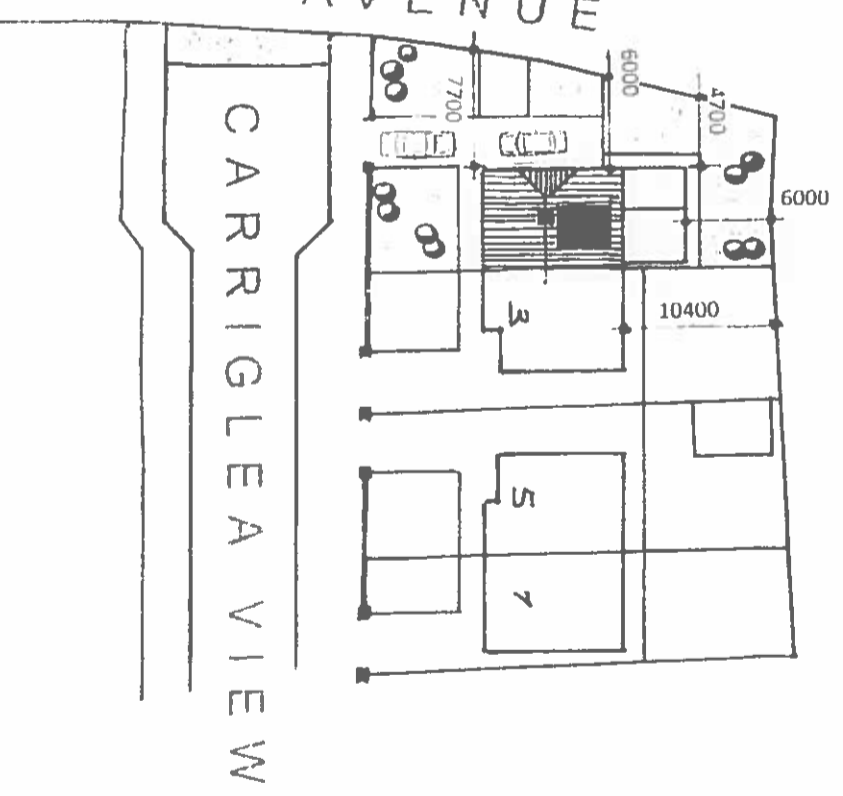
TYPICAL ROOF DETAIL



TYPICAL SUPPORT DETAIL



BALLYCULLEN AVENUE



SITE PLAN Scale: 1:500

- 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 5mm x 30mm over 3 joists at 2000mm centres pack and nog off walls

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>  
Pavts - 25.0 N/mm<sup>2</sup>
- Lintols:**  
Precast concrete composite lintol and precast metal lintols incorporating insulation, 225mm bearing each end
- Ventilation:**  
Roof vents - 650x450mm  
Roof - 25mm continuous strip or equal  
Window open: Kieckhefer 1/10 of floor area, other rooms 1/20 of floor area
- Insulation:**  
N/A  
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 B - Fire  
Building Regulations 1991.

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

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