

REF. NO.: 91A/346 CERTIFICATE NO.: 16062^B
 PROPOSAL: Bungalow
 LOCATION: 1 Ballyculter Rd.
 APPLICANT: J. McDermott

	1	2	3	4	5	6	7
CLASS	DWELLINGS/AREA LENGTH/STRUCTURE	RATE	AMT. OF FEE REQUIRED	AMT. LODGED	BALANCE DUE	RED. FEE APPL.	AMT. OF RED. FEE
A	Dwelling <u>X</u> / (Houses/Flats)	@ £55	<u>£55</u>	<u>£55</u>	—		
B	Domestic Ext. (Improvement/Alts.)	@ £30					
C	Building for office or other comm. purpose	@ £3.50 per M ² or £70					
D	Building or other structure for purposes of agriculture	@ £1.00 per M ² in excess of 300 M ² Min. £70					
E	Petrol Filling Station	@ £200					
F	Dev. of prop. not coming within any of the forgoing classes	£70 or £9 per .1 hect. whichever is the greater					

Column 1 Certified: Signed: _____ Grade: _____ Date: _____
 Column 1 Endorsed: Signed: _____ Grade: _____ Date: _____
 Columns 2,3,4,5,6 & 7 Certified: Signed: M. O'Leary Grade: III Date: 16/8/91
 Columns 2,3,4,5,6 & 7 Endorsed: Signed: _____ Grade: _____ Date: _____

FILE DISCUSSED AT COUNCIL/COMMITTEE MEETING

FILE REF: 91A 346

MEETING	COMMENTS	NOTED IN DEV. CONTROL	NOTED BY
BELGARD H+P <u>23/4/91</u> — —	Noted by CW Muldoon	(

LOCATION GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1982

ASSESSMENT OF FINANCIAL CONTRIBUTION

REG. REF.:

CONT. REG.:

SERVICES INVOLVED: WATER/FOUL SEWER/SURFACE WATER

AREA OF SITE:

FLOOR AREA OF PRESENT PROPOSAL:

MEASURED BY:

CHECKED BY:

METHOD OF ASSESSMENT:

TOTAL ASSESSMENT

MANAGER'S ORDERED NO: P/ /
DATED

ENTERED IN CONTRIBUTIONS REGISTER:

Carroll

£170

DEVELOPMENT CONTROL ASSISTANT GRADE

Loach
£1700
9/1/91

Santa Dubin

Order No. P/1185 /92

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Proposed dormer bungalow and garage at 1 Ballycullen Road, Knocklyon, Dublin 16 for Mr. & Mrs. Joe McDermott.

Mr. P. Murtagh,
31 St. Killian's Avenue,
Walkinstown,
Dublin 12.

Reg. Ref. 91A/0346
COMP. REC'D: 10.06.91

Report of the Dublin Planning Officer, dated 28 February 1992.

This is a submission for COMPLIANCE with Condition No. 4 of decision to Grant Permission by Order No. P/2034/91, dated, 10.05.91, in connection with the above.

Condition No. 4 states:

"That the design of the proposed windows in the front elevation be altered, so that they have a vertical emphasis. Details of the proposed windows are to be agreed in writing with the Planning Authority prior to the commencement of development".

Applicant to be informed that the submission is in compliance with Condition No. 4 of Reg. Ref. 91A/0346.

(RC/AC)

BM
Endorsed: *[Signature]*
for Principal Officer

Richard Cronin SEP
For Dublin Planning Officer

6.3.92

Order:- Applicant to be informed as set out in the above report.

Dated: 11th March, 1992.

[Signature]
Assistant City and County Manager

to whom the appropriate powers have been delegated by Order of the Dublin City and County Manager, dated 10/2/92

Reg. Ref. No. 91A/0346

Mr. Leonard McStay rang, Monday 10th February, 1992 with regard to the above site.

He informed us that Building Bye-Laws Department (A. Doran), require that the house be relocated 9ft. forward (i.e. towards the road) on the site, so that the minimum distance is maintained between the house and the existing public sewer on the site.

The relocation of the house by 9ft. on the site, is not considered a material change.

I advised Mr. McStay, (11/2/92, phone call), that the proposed change was considered acceptable ^{and} in accordance with Condition 2 of the Permission.

Moshee

M. O'Shee.

Agreed

R. Gemina SEP
12/2/92

SS

PLANNING DEPARTMENT

BOOK FOLIO

(2)

(1) Date Lodged
9.3.91

LOCATION: 1 Ballycullen Road, Knocklyon

REG. REF. 91A/0346

APPLICANT: Mr. & Mrs. J. McDermot

PROPOSAL: Dormer bungalow & garage

(2) Date referred:

30/8

FOUL SEWER

Available - levels permitting

(3) Rec'd by Ser.

- 5 SEP 1991

DUBLIN 60 Dispatched by
S.A.O. SERVICES

24 SEP 1991

Returned *JJ*

SURFACE WATER

*Leakage proposal - refer to S.A.O. Dept.
See previous report enclosed 9/5/91, on file.*

(5) Date to Planning

(6) Date to Planner

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 25.09.91
Time 9.00

(7) D.P.O. report to be submitted before:

(8) D.P.O. report submitted to S.A.O.:

(9) Decision due:

J. Sullivan 11/9/91

A. Rosen 29/8/91

J.P. 16/9/91

ENDORSED

DATE

REC'D 29/8

PLANNING DEPARTMENT

BOOK FOLIO

(1) Date Lodged
9.8.91

LOCATION: 1 Ballycullen Road, Knocklyon

REG. REF. 914/0343

APPLICANT: Mr. & Mrs. J. McDermot

PROPOSAL: Dormer bungalow & garage

WATER SUPPLY

*See previous report enclosed
of 8/4/91*

[Signature]
10/9/91

[Signature]
10/9/91

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 25.09.91
Time 9.00

ENDORSED: *[Signature]* DATE 17/9/91

Register Reference : 91A/0346

Date : 21st March 1991

.....
ENDORSED _____

DATE _____

WATER SUPPLY.....

Available for zone use 24 hour
storage to be provided.

[Signature]
8/4/91

.....
ENDORSED _____

DATE _____

[Signature]
[Signature]

8/4/91

7/5/91

SS only. MOS

Ⓢ

Register Reference - PLA/0346

Date : 21st March 1991

Development : Dormer bungalow and garage

LOCATION : 1 Ballycullen Road, Knocklyon, Dublin 16.

Applicant : Mr & Mrs Joe McDermott

App. Type : PERMISSION

Planning Officer : M.O'SHEE

Date Recd. : 14th March 1991

Attached is a copy of the application for the above development. Your report would be appreciated within the next 28 days.

Yours faithfully,

Paul Job

PRINCIPAL OFFICER

DUBLIN CO. COUNCIL
- 2 APR 1991
SAN SERVICES

Date received in sanitary Services

FOUL SEWER

Available - levels permitted

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 08/05/91
Time 4:00 P.M.

SURFACE WATER

Soak pits proposed - refer to S.B.L. Dept.

However, in the event of development proceeding the culverting of the stream the surface water should be disposed of to the stream

SENIOR ENGINEER,
SANITARY SERVICES DEPARTMENT,
46/49 UPPER O'CONNELL STREET,
DUBLIN 1.

NOTE: *Finished floor levels to be min. 300 mm above highest recorded flood levels.*

*J. Lico
6/5/91*

1233

13 MAY 1991

DUBLIN COUNTY COUNCIL

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date <u>14.5.91</u>
Time <u>Dublin 16</u>

REG. REF: 91/A/346

LOCATION: 1 Ballycullen Road, Knocklyon

APPLICANT: Mr. & Mrs. Joe McDermott.

PROPOSAL: Dormer bungalow and garage.

DATE LODGED: 14th March, 1991.

This application is for full permission for a dormer bungalow and garage at 1 Ballycullen Road, Knocklyon.

A previous application for the above was lodged by the applicants and refused by Dublin County Council on 25/4/90 on grounds not relating to Roads.

Roads Department had no objection and currently have no objection subject to:-

1. Existing access with dished footpath is used.
2. Parking for 2 cars to be provided within curtilage of site with turning area.
3. All works to be carried out prior to the house being occupied.
4. All work to be carried out at the applicant's expense according to the Specification and Conditions of Dublin County Council.
5. A financial contribution, in the sum of money equivalent to the value of £1,500 as on 1st January, 1991, and updated in accordance with the Wholesale Price Index-Building and Construction (Capital Goods) as published by the Central Statistics Office to the value pertaining at the time of payment shall be paid by the developer to Dublin County Council towards the cost of road improvements and Traffic Management proposals in the area serving this site.

MA/MM 2/5/91.

SIGNED: _____

ENDORSED: 492 h

DATE: _____

DATE: 6/5/91

SS only.

Ⓟ

Register Reference : 91A/0346

Date : 21st March 1991

Development : Dormer bungalow and garage

LOCATION : 1 Ballycullen Road, Knocklyon, Dublin 16.

Applicant : Mr & Mrs Joe McDermott

App. Type : PERMISSION

Planning Officer : M.O'SHEE

Date Recd. : 14th March 1991

Attached is a copy of the application for the above development .Your report would be appreciated within the next 28 days.

PLANNING DEPT.
DEVELOPMENT CONTROL SECT

Date ... 14.3.91 ...
Time

DUBLIN CO. COUNCIL
2 APR 1991

.....
SAN SERVICES

Yours faithfully,

DUBLIN CO. COUNCIL
SANITARY SECT

PRINCIPAL OFFICER
- 9 MAY 1991

Returned *[Signature]*

Date received in Sanitary Services

FOUL SEWER

Available - levels permitting

SURFACE WATER

Soak pits proposed - refer to S.B.L. Dept.

However, in the event of development breaching the culverting of the stream the surface water should be disposed of to the stream.

SENIOR ENGINEER,
SANITARY SERVICES DEPARTMENT,
46/49 UPPER O'CONNELL STREET,
DUBLIN 1

NOTE: *I wished to level levels to be min. 300 mm above highest recorded flood levels.*

*J. Rice
6/5/91*

AFBB

COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/2034/91

Record of Executive Business and Manager's Orders

Dormer bungalow and garage at 1 Ballycullen Road, Knocklyon, Dublin 16 for Mr. and Mrs. Joe McDermott.

P. Murtagh,
31 St. Killian's Ave.,
Walkinstown,
Dublin 12.

Reg. Ref. 91A/0346
App. Recd: 14.03.1991
Floor Area:
Site Area:
Zoning: A1

CONTRIBUTION:
Sewers: 750
Roads: 1500
B. Sewer: 20
Open Space:
Other:
SECURITY:
Bond/C.I.F.:

Report of the Dublin Planning Officer, dated 7 May 1991

This is an application for PERMISSION for dormer bungalow and garage at 1 Ballycullen Road, Knocklyon, Dublin 16.

A previous application for a bungalow and garage on this site was refused by Decision Order P/1608/90 dated 25.04.90 (Reg. Ref. 90A/0299). The reason for refusal was that "The design and siting of the proposed house would seriously injure the amenities of property in the vicinity due to overlooking of private open space".

The site is located in an area Zoned A1 in the 1983 County Development Plan where it is the objective of the Planning Authority "to provide for new residential communities in accordance with approved action area plans".

The site is approx. 0.35 acres in area and a ditch and hedgerow form the boundary to the north, while the fence and trees determine the western boundary of the site separating the site from the adjoining bungalow at the rear of No. 1 Daltree Road which was granted permission under Reg. Ref. ZA 746.

There are 6 no. cottages to the south of the site and a fence forms the boundary on this side.

In a covering letter submitted as part of the application it is stated that up until last year there was a cottage on the site. Permission was granted under Reg. Ref. 89A/1456 for a housing development comprising of 2 storey semi-detached houses on the adjoining site to the north and construction has commenced on this site.

The proposed house has been designed to ~~avoid~~ ^{minimise} overlooking of adjoining gardens (there is only one high level bathroom window on the southern elevation). The house has been relocated on site closer to the road than in the earlier application.

The configuration of the site, the existence of a public sewer traversing the site and the ditch along the northern side of the site have to a large extent determined the design of the house, and its location on the site.

The proposed dormer house has 3 no. windows at first floor level (one located in each of the northern, eastern and western elevations).

Contd. ... /

COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/2034/91

Record of Executive Business and Manager's Orders

Dormer bungalow and garage at 1 Ballycullen Road, Knocklyon, Dublin 16 for Mr. and Mrs. Joe McDermott.

The proposed development will overlook an area approved as public open space to the north which is considered acceptable. The northern elevation of the proposed house could be improved by altering the design of the windows to give a vertical rather than horizontal emphasis. The window serving bedroom no. 2 should be bottom hung with obscure glass to prevent any overlooking.

The proposed garage measures 83 m. sq. in area. (The floor to ceiling height is 9'6" at its highest point). It will accommodate 2 no. cars, 1 van and caravan. This garage is located only 16' from the western boundary of the site at its closest point and should be relocated on the site in order to minimise its obtrusiveness when viewed from the adjoining property to the west.

The Roads report dated 6.5.91 states that the Roads Department has no objection to the proposed development subject to conditions that the existing access with dished footpath be used and that a financial contribution towards the cost of road improvements and traffic management proposals in the area.

There is no report available from the Sanitary Services Department at the time of writing. *Report dated 7/5/91. Roads no objection.*

While existing development in the vicinity of the site is mainly single storey, the proposed dormer bungalow is considered acceptable from a planning point of view, and will not in my opinion reduce the residential amenities of adjoining properties.

I recommend that a decision to GRANT PERMISSION be made under the Local Government (Planning and Development) Acts, 1963-1990 subject to the following conditions:-

MOS
W Endorsed:- [Signature]
for Principal Officer

[Signature]
For Dublin Planning Officer

Order:- A decision pursuant to Section 26(1) of the Local Government (Planning and Development) Acts, 1963-1990, to GRANT PERMISSION for the above proposal subject to the conditions set out above is hereby made.

Dated: [Signature] May, 1991.

[Signature]
ASSISTANT CITY & COUNTY MANAGER

to whom the appropriate powers have been delegated by Order of the Dublin City and County Manager, dated 26th April, 1991.

COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/20347/91

Record of Executive Business and Manager's Orders

Dormer bungalow and garage at 1 Ballycullen Road,
Knocklyon, Dublin 16 for Mr. and Mrs. Joe McDermott.

CONDITIONS	REASONS FOR CONDITIONS
1. The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application, save as may be required by the other conditions attached hereto.	1. To ensure that the development shall be in accordance with the permission and that effective control be maintained.
2. That before development commences, approval under the Building Bye-Laws be obtained, and all conditions of that approval be observed in the development.	2. In order to comply with the Sanitary Services Acts, 1878-1964.
3. That proposed house be used as a single dwelling unit.	3. To prevent unauthorised development.
4. That the design of the proposed windows in the front elevation be altered, so that they have a vertical emphasis. Details of the proposed windows are to be agreed with the Planning Authority prior to the commencement of development.	4. In the interest of visual amenity.
5. That the proposed garage be relocated on the site so that it is located 30' away from the western boundary of the site at its closest point.	5. In the interest of visual amenity.
6. That the proposed garage be used solely for purposes incidental to the enjoyment of the dwellinghouses as such and shall not be used for the carrying on of any trade or business.	6. In the interest of the proper planning and development of the area.
7. That the water supply and drainage arrangements including the disposal of surface water be in accordance with the requirements of the Planning Authority. <i>The applicant should note that the finished floor levels are to be a minimum 300 H.M. above the highest recorded flood levels.</i>	7. In order to comply with the Sanitary Services Acts, 1878-1964.
8. That the existing vehicular access to the site be used. The entrance piers and walls to be constructed using granite.	8. In the interest of the proper planning and development of the area.

contd.../

COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/2034791

Record of Executive Business and Manager's Orders

Dormer bungalow and garage at 1 Ballycullen Road, Knocklyon, Dublin 16 for Mr. and Mrs. Joe McDermott.

CONDITIONS

omit
9. That prior to the commencement of development, the applicant is to make a financial contribution of £1500. towards the cost of road improvements and traffic management proposals in the area.

omit
9. 10. That a financial contribution in the sum of £750 be paid by the proposer to the Dublin County Council towards the cost of provision of public services in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

10. 11. That the window serving bedroom no. 2 on the first floor be bottom hung with obscure glass. Details are to be agreed with the Planning Authority prior to the commencement of development.

omit
11. Heating to be provided by the use of either oil, gas, electricity or by smokeless fuels in fireplaces or appliances suitable only for burning solid smokeless fuels.

REASONS FOR CONDITIONS

9. The provision of such services in the area by the Council will facilitate the proposed development. It is considered reasonable that the developer should contribute towards the cost of providing the services.

9. 10. The provision of such services in the area by the Council will facilitate the proposed development. It is considered reasonable that the developer should contribute towards the cost of providing the services.

10. 11. In the interest of residential amenity.

omit
On the interest of reducing air pollution

SS only - MOS

Register Reference : 91A/0346

Date : 21st March 1991

Development : Dormer bungalow and garage

LOCATION : 1 Ballycullen Road, Knocklyon, Dublin 16.

Applicant : Mr & Mrs Joe McDermott

App. Type : PERMISSION

Planning Officer : M.O'SHEE

Date Recd. : 14th March 1991

Attached is a copy of the application for the above development .Your report would be appreciated within the next 28 days.

Yours faithfully,

Paul John

PRINCIPAL OFFICER

DUBLIN CO. COUNCIL
- 2 APR 1991
SAN SERVICES

Date received in Sanitary Services

FOUL SEWER

Available - levels permitted

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date *08/05/91*
Time *4:00 P.M.*

SURFACE WATER

Soak pits proposed - refer to S.B.L. Dept.

However, in the event of development proceeding the culverting of the stream the surface water should be disposed of to the stream.

SENIOR ENGINEER,
SANITARY SERVICES DEPARTMENT,
46/49 UPPER O'CONNELL STREET,
DUBLIN 1

NOTE: *Indicated sewer levels to be min. 300 mm above highest recorded flood levels.*

*J. Rice
6/5/91*

FBA

Register Reference : 91A/0346

Date : 21st March 1991

.....
ENDORSED _____ DATE _____

WATER SUPPLY. Available for road use 24 hours
storage to be provided.

[Signature]
8/4/91

.....
ENDORSED _____ DATE _____

[Signature] 8/4/91
[Signature] 7/5/91

MOS

DUBLIN COUNTY COUNCIL

REG. REF: 91/A/346

LOCATION: 1 Ballycullen Road, Knocklyon, Dublin 16.

APPLICANT: Mr. & Mrs. Joe McDermott.

PROPOSAL: Dormer bungalow and garage.

DATE LODGED: 14th March, 1991.

This application is for full permission for a dormer bungalow and garage at 1 Ballycullen Road, Knocklyon.

A previous application for the above was lodged by the applicants and refused by Dublin County Council on 25/4/90 on grounds not relating to Roads.

Roads Department had no objection and currently have no objection subject to:-

1. Existing access with dished footpath is used.
2. Parking for 2 cars to be provided within curtilage of site with turning area.
3. All works to be carried out prior to the house being occupied.
4. All work to be carried out at the applicant's expense according to the Specification and Conditions of Dublin County Council.
5. A financial contribution, in the sum of money equivalent to the value of £1,500 as on 1st January, 1991, and updated in accordance with the Wholesale Price Index-Building and Construction (Capital Goods) as published by the Central Statistics Office to the value pertaining at the time of payment shall be paid by the developer to Dublin County Council towards the cost of road improvements and Traffic Management proposals in the area serving this site.

MA/MM 2/5/91.



SIGNED: _____

ENDORSED: 492 _____

DATE: _____

DATE: 6/5/91 _____

Mr. P. Murtagh,
31 St. Killian's Avenue,
Walkinstown,
Dublin 12.

91A/0346

16 March 1992

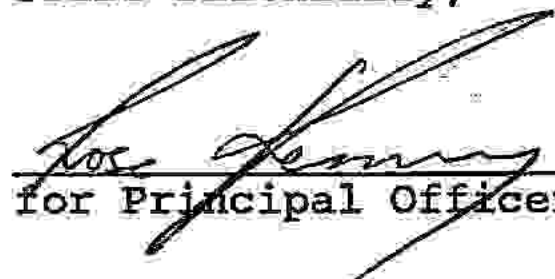
Re: Proposed dormer bungalow and garage at 1 Ballycullen
Road, Knocklyon, Dublin 16 for Mr. & Mrs. Joe
McDermott.

Dear Sir,

I refer to your submission received on 10th June, 1991, to comply with Condition No. 4, of decision to grant permission by Order No. P/2034/91, dated, 10th May, 1991, in connection with the above.

In this regard, I wish to inform you that the submission is in compliance with Condition No. 4 of Reg. Ref. 91A/0346.

Yours faithfully,


for Principal Officer.

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

Building Control Department,
Liffey House,
Tara Street,
Dublin 1.

Planning Department,
Irish Life Centre,
Lower Abbey Street,
Dublin 1.

Telephone: 773066

Telephone: 724755
Extension: 231/234

26th August, 1991

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1982

LOCATION: 1 Ballycullen Road, Knocklyon, Dublin 16

PROPOSED DEVELOPMENT: Dormer bungalow & garages

APPLICANT: Mr. & Mrs. J. McDermot

PLANNING REG. REF.: 91A/0346

DATE OF RECEIPT
OF SUBMISSION: 9th August, 1991

A Chara,

With reference to above, I acknowledge receipt of application for:

Building Bye-Law Approval

Mise, le meas

A. Smith

PRINCIPAL OFFICER

Mr. P. Murtagh,

31 St. Killians Avenue,

Walkinstown,

Dublin 12

COPY OF GRANT OF PERMISSION ENCLOSED

Dublin County Council
Comhairle Chontae Atha Cliath



Planning Application Form/
Bye - Law Application Form

5

PLEASE READ INSTRUCTIONS AT BACK BEFORE COMPLETING FORM. ALL QUESTIONS MUST BE ANSWERED.

1. Application for Permission Outline Permission Approval Place / in appropriate box.
Approval should be sought only where an outline permission was previously granted. Outline permission may not be sought for the retention of structures or continuances of uses.

2. Postal address of site or building 1 BALLYCOLLEN RD
(If none, give description sufficient to identify) KNOCKLYON D16

3. Name of applicant (Principal not Agent) MR & MRS J. McDERMOT
Address 230 BUNTING RD WALKINSTOWN D17 Tel. No. _____

4. Name and address of P. MURTAGH 31 ST KILLIANS AVE
person or firm responsible WALKINSTOWN D17 Tel. No. 923509
for preparation of drawings

5. Name and address to which P. MURTAGH 31 ST KILLIANS AVE
notifications should be sent WALKINSTOWN

6. Brief description of PROPOSED DORMER BUNGALOW &
proposed development GARAGE

7. Method of drainage EXISTING 8. Source of Water Supply EXISTING

9. In the case of any building or buildings to be retained on site, please state:
(a) Present use of each floor or use when last used _____

BYE LAW APPLICATION

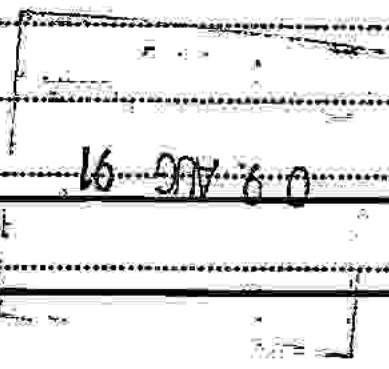
(b) Proposed use of each floor _____

REC. No. N 47001

10 Does the proposal involve demolition, partial demolition or change of use of any habitable house or part thereof? _____

EST. 00

11. (a) Area of Site _____ Sq. m.
(b) Floor area of proposed development _____ Sq. m.
(c) Floor area of buildings proposed to be retained within site 16 917 8 0 Sq. m.



12. State applicant's legal interest or estate in site (i.e. freehold, leasehold, etc.) _____

13. Are you now applying also for an approval under the Building Bye Laws? Yes No Place / in appropriate box.

14. Please state the extent to which the Draft Building Regulations have been taken in account in your proposal: _____

15. List of documents enclosed with application. 2 COMPLETE SETS OF DRAWINGS
& STRUCTURAL ENGINEERS CALCS

16. Gross floor space of proposed development (See back) _____ Sq. m.

No of dwellings proposed (if any) _____ Class(es) of Development A

Fee Payable € 55.00 Basis of Calculation AS NEW DWELLING

If a reduced fee is tendered details of previous relevant payment should be given _____

Signature of Applicant (or his Agent) [Signature] Date 7/8/91

Application Type BBU FOR OFFICE USE ONLY

Register Reference 91A/0346

Amount Received € _____

Receipt No _____

Date _____

2.8.2.

LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) REGULATIONS 1977 to 1984.

Outline of requirements for applications for permission or Approval under the Local Government (Planning & Development) Act 1963 to 1983. The Planning Acts and Regulations made thereunder may be purchased from the Government Publications Sales Office, Sun Alliance House, Molesworth Street, Dublin 2.

1. Name and Address of applicant.
2. Particulars of the interest held in the land or structure, i.e. whether freehold, leasehold, etc.
3. The page of a newspaper, circulating in the area in which the land or structure is situate, containing the required statutory notice. The newspaper advertisement should state after the heading Co. Dublin.
 - (a) The address of the structure or the location of the land.
 - (b) The nature and extent of the development proposed. If retention of development is involved, the notice should be worded accordingly. Any demolition of habitable accommodation should be indicated.
 - (c) The name of the applicant.

NB. Applications must be received within 2 weeks from date of publication of the notice.
4. Four (4) sets of drawings to a stated scale must be submitted. Each set to include a layout or block plan, proposed and existing services to be shown on this drawing, location map, and drawings of relevant floor plans, elevations, sections, details of type and location of septic tank (if applicable) and such other particulars as are necessary to identify the land and to describe the works or structure to which the application relates (new work to be coloured or otherwise distinguished from any retained structures). Buildings, roads, boundaries and other features bounding the structure or other land to which the application relates shall be shown on site plans or layout plans. The location map should be of scale not less than 1: 2500 and should indicate the north point. The site of the proposed development must be outlined in red. Plans and drawings should indicate the name and address of the person by whom they were prepared. Any adjoining lands in which the applicant has an interest must be outlined in blue.
5. In the case of a proposed change of use of any structure or land, requirements in addition to 1, 2, & 3 are:
 - (a) a statement of the existing use and the proposed use, or, where appropriate, the former use and the use proposed.
 - (b) (i) Four (4) sets of the drawings to a stated scale must be submitted. Each set to consist of a plan or location map (marked or coloured in red so as to identify the structure or land to which the application relates) to a scale of not less than 1:2500 and to indicate the North point. Any adjoining lands in which the application has an interest must be outlined in blue.
 - (ii) A layout and a survey plan of each floor of any structure to which the application relates.
 - (c) Plans and drawings should indicate the name and address of the person by whom they were prepared.
6. Applications should be addressed to: Dublin County Council, Planning Department, Irish Life Centre, Lr. Abbey Street, Dublin 1, Tel. 724755.

SEPTIC TANK DRAINAGE: Where drainage by means of a septic tank is proposed, before a planning application is considered, the applicant may be required to arrange for a trial hole to be inspected and declared suitable for the satisfactory percolation of septic tank effluent. The trial hole to be dug seven feet deep at or about the site of the septic tank. Septic tanks are to be in accordance with I.I.R.S. S.R. 6:75.

INDUSTRIAL DEVELOPMENT:

The proposed use of an industrial premises should, where possible, be stated together with the estimated number of employees, (male and female). Details of trade effluents, if any, should be submitted.

Applicants to comply in full with the requirements of the Local Government (Water Pollution) Act, 1977 in particular the licencing provisions of Sections 4 and 16.

PLANNING APPLICATIONS

BUILDING BYE-LAW APPLICATIONS

CLASS NO.	DESCRIPTION	FEE	CLASS NO.	DESCRIPTION	FEE
1.	Provision of dwelling — House/Flat.	£32.00 each	A	Dwelling (House/Flat)	£55.00 each
2.	Domestic extensions/other improvements.	£16.00	B	Domestic Extension (improvement/alteration)	£30.00 each
3.	Provision of agricultural buildings (See Regs.)	£40.00 minimum	C	Building — Office/Commercial Purposes	£3.50 per m ² (min. £70.00)
4.	Other buildings (i.e. offices, commercial, etc.)	£1.75 per sq. metre (Min. £40.00)	D	Agricultural Buildings/Structures	£1.00 per m ² in excess of 300 sq. metres (min. - £70.00) (Max. - £300.00)
5.	Use of land (Mining, deposit or waste)	£25.00 per 0.1 ha (Min £250.00)	E	Petrol Filling Station	£200.00
6.	Use of land (Camping, parking, storage)	£25.00 per 0.1 ha (Min. £40.00)	F	Development or Proposals not coming within any of the foregoing classes.	£9.00 per 0.1 ha (£70.00 min.)
7.	Provision of plant/machinery/tank or other structure for storage purposes.	£25.00 per 0.1 ha (Min. £100.00)			Min. Fee £30.00
8.	Petrol Filling Station.	£100.00			Max. Fee £20,000
9.	Advertising Structures.	£10.00 per m ² (min £40.00)			
10.	Electricity transmission lines.	£25.00 per 1,000m (Min. £40.00)			
11.	Any other development.	£5.00 per 0.1 ha (Min. £40.00)			

Cheques etc. should be made payable to: Dublin County Council.

Gross Floor space is to be taken as the total floor space on each floor measured from the inside of the external walls. For full details of Fees and Exemptions see Local Government (Planning and Development) (Fees) Regulations 1984.

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL
46/49 UPPER O'CONNELL STREET
DUBLIN 1.

BYE LAW APPLICATION

REC NO N 47001

PAID BY
CASH
CHEQUE
C.O.
B.L.
N.C.

£55.00

921 day of August 1991

Received this
from Mrs J. Mc Dermot
230 Belling road, Walkinstown

the sum of fifty five Pounds
Pence being 00

application at 1 Ballycullen road

Michael O'Hara Cashier

S. CAREY
Principal Officer

Class A

DUBLIN COUNTY COUNCIL

T 24755 (ext. 262/264)

PLANNING DEPARTMENT,
BLOCK 2,
IRISH LIFE CENTRE,
LR. ABBEY STREET,
DUBLIN 1.

GRANT OF
PERMISSION

GRANT ORDER NO. AND DATE:
P/2900/91 - 19/06/91

Notification of Grant of Permission/Approval
Local Government (Planning and Development) Acts, 1963-1983

To **P. Murtagh,**
.....
31 St. Killian's Avenue,
.....
Walkinstown,
.....
Dublin 12.
.....
Applicant **Mr. & Mrs. Joe McDermott.**

Decision Order **P/2034/91, 10/5/91**
Number and Date
91A/0346
Register Reference No.
.....
Planning Control No.
14/3/91
Application Received on

A PERMISSION/~~APPROVAL~~ has been granted for the development described below subject to the undermentioned conditions.

**Proposed Dormer Bungalow and Garage at 1 Ballycullen Road,
Knocklyon, Dublin 16.**

DUBLIN COUNTY COUNCIL
Planning Dept. Registry Section
APPLICATION RECEIVED
13 AUG 1991

CONDITIONS	REASONS FOR CONDITIONS
<p>1. The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application, save as may be required by the other conditions attached hereto.</p> <p>2. That before development commences, approval under the Building Bye-Laws be obtained, and all conditions of that approval be observed in the development.</p> <p>3. That proposed house be used as a single dwelling unit.</p> <p>4. That the design of the proposed windows in the front elevation be altered, so that they have a vertical emphasis. Details of the proposed windows are to be agreed in writing with the Planning Authority prior to the commencement of development.</p>	<p>REG No. 91A/0346</p> <p>1. To ensure that the development shall be in accordance with the permission and that effective control be maintained.</p> <p>2. In order to comply with the Sanitary Services Acts, 1878-1964.</p> <p>3. To prevent unauthorised development.</p> <p>4. In the interest of visual amenity.</p>

Signed on behalf of the Dublin County Council

L. Doyle
For Principal Officer

Date **19 JUN 1991**

Approval of the Council under Building Bye-Laws must be obtained before the development is commenced and the terms of approval must be complied with in the carrying out of the work.

5. That the proposed garage be relocated on the site so that it is located 30' away from the western boundary of the site at its closest point.

6. That the proposed garage be used solely for purposes incidental to the enjoyment of the dwellinghouses as such and shall not be used for the carrying on of any trade or business.

7. That the water supply and drainage arrangements including the disposal of surface water be in accordance with the requirements of the Planning Authority. The applicant should note that the finished floor levels are to be a minimum 300mm above the highest recorded floor levels.

8. That the existing vehicular access to the site be used. The entrance piers and walls to be constructed using granite.

9. That a financial contribution in the sum of £750.00 be paid by the proposer to the Dublin County Council towards the cost of provision of public services in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

10. That the window serving bedroom no. 2 on the first floor be bottom hung with obscure glass. Details are to be agreed with the Planning Authority prior to the commencement of development.

11. Heating to be provided by the use of either oil, gas, electricity or by smokeless fuels in fireplaces or appliances suitable only for burning solid smokeless fuels.

5. In the interest of visual amenity.

6. In the interest of the proper planning and development of the area.

7. In order to comply with the Sanitary Services Acts, 1978-1964

DUBLIN COUNTY COUNCIL
Planning Dept Registry Section
APPLICATION RECEIVED

09 AUG 1991

REG No. 91A/0346

8. In the interest of the proper planning and development of the area.

9. The provision of such services in the area by the Council will facilitate the proposed development. It is considered reasonable that the developer should contribute towards the cost of providing the services.

10. In the interest of residential amenity.

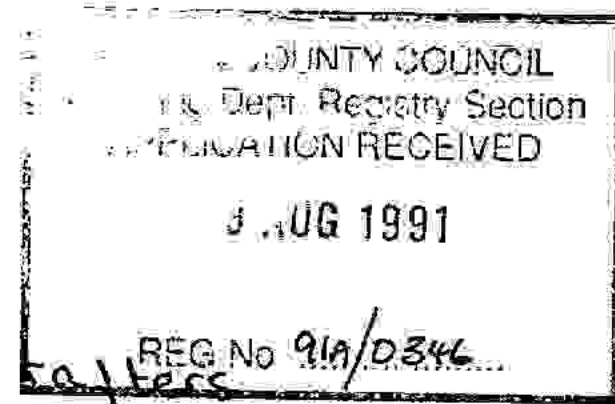
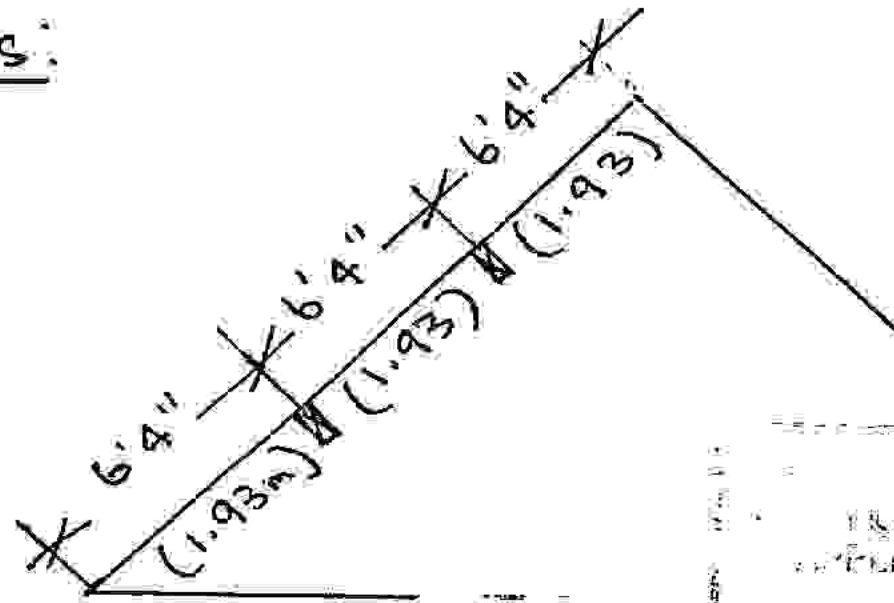
11. In the interest of reducing air pollution.


19 JUN 1991

STRUCTURAL CALCULATIONS

A.

RAFTERS:



Try 35 x 125 S.C. B.

Loading:

$$D.L + L.L = 1.55 \text{ KN/m}^2$$

Rafters @ 350 mm c/c

$$\begin{aligned} \therefore \text{Load per rafter} &= 1.55 \times 0.35 = 0.54 \text{ KN/m} \\ \text{Self Weight} &= 0.02 \\ \Sigma &= \underline{0.56 \text{ KN/m}} \end{aligned}$$

Moment:

$$M = \frac{Wl^2}{10} \quad \text{where } l = 1.93 \text{ m.}$$

$$= \frac{0.56 \times 1.93 \times 1.93}{10} = \underline{0.21 \text{ KNm}}$$

Bending Stress:

$$f = \frac{M}{z} \quad \text{where } z = \frac{bd^2}{6} = 91146 \text{ mm}^3$$

$$\therefore f = \frac{0.21 \times 10^6}{0.091 \times 10^6} = \underline{2.3 \text{ N/mm}^2}$$

SR11 1988

$$\begin{aligned} \text{Allowable Stress for SCB} &= \text{Grade} \times 1.25 \times 1.1 \\ &= \underline{7.7 \text{ N/mm}^2} \end{aligned}$$

Shear:

$$\begin{aligned} V_{\max} &= 1.1 \times W \\ &= 1.1 \times 0.56 \times 1.93 \\ &= 1.19 \text{ kN} \end{aligned}$$

$$\text{Shear Stress } q = \frac{3V}{2bd} = \frac{3 \times 1190}{2 \times 35 \times 125} = \underline{0.41 \text{ N/mm}^2}$$

$$\text{Allowable} = \text{Grade} \times 1.1 \times 1.25 = \underline{0.88 \text{ N/mm}^2}$$

Deflection.

$$\begin{aligned} \Delta &= \frac{5}{384} \frac{Wl^3}{EI} \\ &= \frac{5 \times (0.56 \times 1.93 \times 10^3) \times (1.93)^3 \times 10^9}{384 \times 8 \times 10^3 \times 5.7 \times 10^6} \\ &= \underline{2.22 \text{ mm}} \end{aligned}$$

$$\begin{aligned} \text{Allowable Value} &= \text{Span} \times 0.003 \\ &= 1930 \times 0.003 = \underline{5.79 \text{ mm}} \end{aligned}$$

\therefore 35 x 125 SCB rafters @ 350 mm c/c
adequate.

B.

PURLINS.(a) Low Level Purlins.Loading① Load from Roof

DL + LL (inc joists & plasterboard)

$$= 1.80 \text{ KN/m}^2$$

Panel Carried by Purlin is 1.93 m wide

$$\therefore \text{Load on purlin} = 1.80 \times 1.93$$

$$= \underline{3.47 \text{ KN/m}}$$

② Self Weight

Allow 0.06 KN/m.

$$\therefore \Sigma \text{Load} = \underline{3.53 \text{ KN/m}}$$

Max Span = 1.4 m (between props)

Moment.

$$\text{Take } M = \frac{wL^2}{10}$$

$$= \frac{3.53 \times 1.4 \times 1.4}{10} = \underline{0.69 \text{ KNm}}$$

Try 75 x 175 SCB purlin. $Z = 0.383 \times 10^6 \text{ mm}^3$ Bending Stress

$$f = \frac{\text{Moment}}{Z} = \frac{0.69 \times 10^6}{0.383 \times 10^6}$$

$$= \underline{1.80 \text{ N/mm}^2}$$

$$\begin{aligned}
 \text{Allowable Value} &= \text{Grade} \times 1.25 \text{ for Purkins} \\
 &= 5.6 \times 1.25 \\
 &= \underline{7.0 \text{ N/mm}^2}.
 \end{aligned}$$

Shear:

$$\begin{aligned}
 V &= 1.1 \times W \\
 &= 1.1 \times 3.53 \times 1.4 \\
 &= \underline{5.4 \text{ KN}}
 \end{aligned}$$

Note: This is load carried by each prop.

$$\begin{aligned}
 \text{Shear Stress } q &= \frac{3V}{2bd} \\
 &= \frac{3 \times 5400}{2 \times 75 \times 175} = \underline{0.62 \text{ N/mm}^2}
 \end{aligned}$$

$$\begin{aligned}
 \text{Allowable} &= \text{Grade} \times 1.25 \\
 &= \underline{0.80 \text{ N/mm}^2} \text{ for SCB.}
 \end{aligned}$$

Deflection.

$$\begin{aligned}
 \text{Take } \Delta &= \frac{5}{384} \frac{Wl^3}{EI} \quad \text{for ease of calculation} \\
 &\quad \text{(actual will be less).}
 \end{aligned}$$

$$\begin{aligned}
 &= \frac{5 \times (3.53 \times 1.4 \times 10^3) \times (1.4)^3 \times 10^9}{384 \times 8 \times 10^3 \times 33.49 \times 10^6} \\
 &= \underline{0.66 \text{ mm}}
 \end{aligned}$$

$$\begin{aligned}
 \text{Allowable} &= \text{Span} \times 0.003 \\
 &= 1400 \times 0.003 \\
 &= \underline{4.2 \text{ mm}}
 \end{aligned}$$

∴ 75 x 175 SCB Purkins adequate at low level.

(b) High level Purlins.Loading.① Load from Roof

$$\text{As before} = 3.47 \text{ KN/m.}$$

② Self Weight

Allow

$$\underline{0.20 \text{ KN/m.}}$$

$$\Sigma \underline{3.67 \text{ KN/m.}}$$

$$\begin{aligned} \text{Max Span} &= 16' 0'' \quad (\text{over real Bedroom}) \\ &= \underline{4.88 \text{ m}} \end{aligned}$$

Moment:

Take $M = WL^2/10$ allowing for partial fixity at supports.

$$= \frac{3.67 \times 4.88 \times 4.88}{10} = \underline{8.74 \text{ KNm}}$$

$$Z_{\text{reqd}} = M/f$$

$$= \frac{8.74 \times 10^6}{165} \quad \text{for M.S. purlin}$$

$$= \underline{52.97 \text{ cm}^3}$$

Use a 127 mm x 76.2 mm x 6.3 mm thick R.H.S.

$$\therefore Z_{\text{provided}} = \underline{78.8 \text{ cm}^3}$$

6..

$$\text{Shear}$$

$$V = W/2 = \frac{3.67 \times 4.88}{2} = 8.95 \text{ KN}$$

$$f'q = \frac{V}{2D \times t} = \frac{8.95 \times 10^3}{2 \times 127 \times 6.3}$$

$$= \underline{5.6 \text{ N/mm}^2}$$

$$\text{Allowable} = \underline{100 \text{ N/mm}^2}$$

Deflection.

Take as $\Delta = \frac{2.5 W L^3}{384 EI}$ to allow for Partial fixity

$$= \frac{2.5 \times 17.9 \times 10^3 \times (4.88)^3 \times 10^9}{384 \times 2.1 \times 10^5 \times 0.499 \times 10^7}$$

$$= \underline{12.9 \text{ mm}}$$

$$\text{Allowable Value} = \frac{\text{Span}}{360} = \frac{4880}{360} = \underline{13.6 \text{ mm}}$$

∴ Use 127 mm x 76.2 x 6.3 mm thick RHS sections for all high level purlins.

Note: Purlins to be encased in concrete at external walls and secured to intermediate walls by M.S. straps

C

First floor Ceiling Joists

Span = 10' 6" = 3.2m.

Use 35 x 150 SCB joists @ 350 c/c

Table 6 SR 11

Allowable span for SCB @ 300 c/c = 3.26m

@ 400 c/c = 3.19m

∴ adequate.

D.

Ground floor Ceiling / First Floor joists.

(a) Joists not taking purlin props.

Longest span (over Diningroom) = 12' 0"
= 3.66m.

Table 5 SR 11

Using 44 x 225 mm joists (SCB)

Allowable span @ 300 c/c = 5.17m

@ 400 c/c = 4.69m.

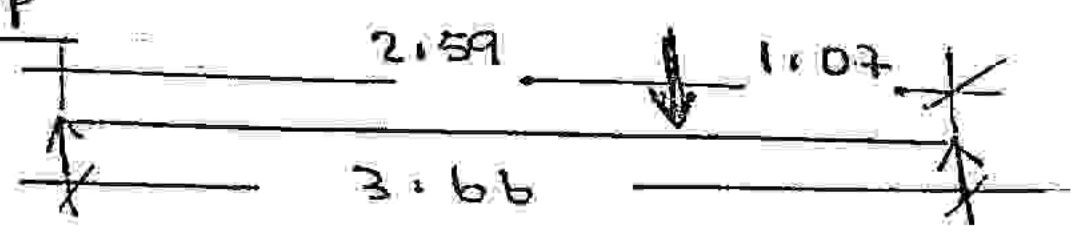
∴ Joists adequate.

(b) Joists under low level Purlin Props.

Loading.

(1) Load from Prop

Acts thus



Load = 5.4 kN (see Page 4) = P.

② Load from First floor / G.f. ceiling.

DL :	T & G	0.13 kN/m ²
	Plasterboard & Skim	<u>0.15</u>
		0.28
	L.L	<u>1.50</u>
		1.78 kN/m ²

Joists @ 350 c/c

$$\therefore \text{Load per joist} = 1.78 \times 0.35 = \underline{0.62} \text{ kN/m}$$

③ Self Weight

Allow 0.08 kN/m

\therefore Total Loading

Point Load $\Sigma P = \underline{5.4 \text{ kN}}$

U.D.L $\Sigma W = \underline{0.70 \text{ kN/m}}$

Use Double joists under purlin Props

\therefore Loading on each

Point = 2.7 kN

UDL = 0.35 kN/m.

Moment: M_{\max} will occur at position of pt load

$$M_{\max} = M_{pt} + M_{UDL} \text{ at position of pt load}$$

$$= \frac{Pab}{l} + Wl/8 \times 0.7$$

$$= \frac{2.7 \times 1.07 \times 2.59}{3.66} + \frac{0.35 \times 3.66 \times 3.66 \times 0.7}{8}$$

$$= 2.04 + 0.59 \times 0.7$$

$$= \underline{2.45 \text{ KNm}}$$

Try 44 x 225 joist. $Z = 371250 \text{ mm}^3$

Bending Stress $f = \frac{M}{Z}$

$$= \frac{2.45 \times 10^6}{0.371 \times 10^6} = \underline{6.6 \text{ N/mm}^2}$$

Allowable Value

for SCB = grade $\times 1.25 = 5.6 \times 1.25 = \underline{7.0 \text{ N/mm}^2}$

for SCC = " " = $6.6 \times 1.25 = \underline{8.25 \text{ N/mm}^2}$

Shear

$$\text{Max} = \frac{Pb}{l} + \frac{Wl}{2} = V$$

$$= \frac{2.7 \times 2.59}{3.66} + \frac{0.35 \times 3.66}{2}$$

$$= 1.91 + 0.64$$

$$= \underline{2.55 \text{ KN}}$$

$$q = \frac{3V}{2bd} = \frac{3 \times 2550}{2 \times 44 \times 225} = 0.39 \text{ N/mm}^2$$

Allowable Value

$$\text{SCB} = 0.64 \times 1.25 = 0.80 \text{ N/mm}^2$$

$$\text{SCC} = 0.8 \times 1.25 = 1.0 \text{ N/mm}^2$$

Deflection.

$$\Delta = \Delta_{Pt} + \Delta_{UDL}$$

$$\Delta_{Pt} = \frac{Pl^3}{48EI} \left[\frac{3a}{l} - 4\left(\frac{a}{l}\right)^3 \right] \text{ where } a = 1.07 \text{ m.}$$

$$= \frac{(2.7 \times 10^3) \times (3.66)^3 \times 10^9 \times [0.78]}{48 \times 8 \times 10^3 \times 41.76 \times 10^6}$$

$$= 6.43 \text{ mm}$$

$$\Delta_{UDL} = \frac{5}{384} \frac{Wl^3}{EI}$$

$$= \frac{5 \times (0.35 \times 3.66 \times 10^3) \times (3.66)^3 \times 10^9}{384 \times 8 \times 10^3 \times 41.76 \times 10^6}$$

$$= 2.45 \text{ mm}$$

$$\sum \Delta = 8.88 \text{ mm}$$

$$\text{Allowable} = \text{Span} \times 0.003$$

$$= 3660 \times 0.003$$

$$= 10.98 \text{ mm}$$

∴ Use Double 44 x 225 mm joists (SCB or SCC)
under all props at low level.

E.

Steel Beams carrying floor Joists.

(a) Beam Over Livingroom.

Span = 3.9 m.

Loading

(1) Load from floor

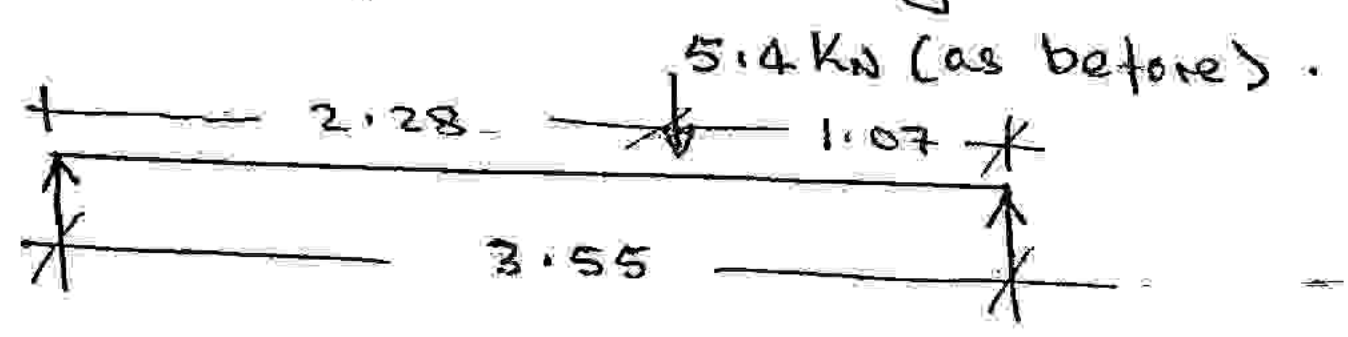
Panel carried = 11' 0" wide = 3.55 m.

D.L + L.L = 1.93 kN/m² to include joists

∴ Load on beam = 1.93 × 3.55 = 6.47 kN/m

(2) Load from Roof via Pullin Props & Double joists.

End reaction of each double joist thus



$$\text{Reaction} = \frac{Pb}{l} = \frac{5.4 \times 2.28}{3.55} = 3.47 \text{ kN}$$

There are 4 No double joists

$$\therefore \text{Total load} = 4 \times 3.47 = 13.88 \text{ kN}$$

$$\Sigma \text{equiv UDL} = \frac{13.88}{3.55} = \underline{3.91 \text{ kN/m}}$$

③ Self Weight

Allow 0.30 kN/m .

$$\begin{aligned} \therefore \Sigma \text{Load} &= 6.47 + 3.91 + 0.30 \\ &= \underline{10.68 \text{ kN/m}}. \end{aligned}$$

Moment:

$M = Wl/10$ to allow for partial fixity at supports.

$$= \frac{10.68 \times 3.9 \times 3.9}{10}$$

$$= \underline{16.24 \text{ kNm}}.$$

$$\begin{aligned} Z_{\text{reqd}} &= M/f = \frac{16.24 \times 10^6}{165} \\ &= \underline{98.4 \text{ cm}^3} \end{aligned}$$

Use $203 \times 133 \times 30 \text{ kg/m U-B}$.

$$Z_{\text{provided}} = \underline{278.5 \text{ cm}^3}.$$

Checks:

(1) Overstressing

$$l/r_y = \frac{3900 \times 0.85}{30.5} = 109$$

$$D/T = \frac{206.8}{9.6} = 21.5$$

\therefore Table 3(a) BS 449 $P_{bc} = \underline{153 \text{ N/mm}^2}$

$$\begin{aligned} \text{Actual Stress } f_c &= M / z_{\text{provided}} \\ &= \frac{16.224 \times 10^6}{278.5} \\ &= \underline{58.3 \text{ N/mm}^2} \end{aligned}$$

(ii) Shear in Web

$$V = W/2 = \frac{10.68 \times 3.9}{2} = 20.8 \text{ KN.}$$

$$f' = \frac{V}{D \times t} = \frac{20.8 \times 10^3}{206.8 \times 6.3} = \underline{15.96 \text{ N/mm}^2}$$

$$\text{Allowable} = \underline{100 \text{ N/mm}^2}$$

(iii) Deflection.

$$\text{Take } \Delta = \frac{2.5 W L^3}{384 EI} \quad \text{to allow for partial fixity.}$$

$$= \frac{2.5 \times (41.6 \times 10^3) \times (3.9)^3 \times 10^9}{384 \times 2.1 \times 10^5 \times 2.88 \times 10^7}$$

$$= \underline{2.66 \text{ mm}}$$

$$\text{Allowable Value} = \text{Span} / 360$$

$$= \frac{3960}{360} = \underline{10.8 \text{ mm}}$$

∴ Joist adequate.

(b) Beam over Kitchen

Span = 5.0 m.

From similar analysis

$\frac{203 \times 133 \times 30 \text{ Kg/m}}{\text{V-B}}$ again found
to be adequate.

Note: Provide 450 mm long x 215 mm deep
mass concrete bearing pads under
Steel beams.

Beams to be encased in concrete
at supports

Steel Beams under Garage Roof

Span = 30' 0" + 12" bearing
= 31' 0" = 9.45 m.

Loading① Load from Roof

Panel Carried = 10' 0" wide = 3.05 m.

Loading

D.L.	Metal Decking	0.20 Kw/m^2
	Joists etc	0.13
		<hr/>
		0.33
		<hr/>
		0.75
		<hr/>

L16

$\Sigma = 1.08 \text{ Kw/m}^2$

$$\therefore \text{Load on beam} = 1.08 \times 3.05 = \underline{3.29 \text{ kN/m}}$$

② Self Weight Allow 0.6 kN/m

$$\therefore \Sigma \text{Load} = \underline{3.89 \text{ kN/m}}$$

Moment :

$$M = WL^2/10 \quad \text{to allow for partial fixity at supports}$$

$$= \frac{3.89 \times 9.45 \times 9.45}{10} = \underline{34.74 \text{ kNm}}$$

$$Z_{\text{reqd}} = M/f = \frac{34.74 \times 10^6}{165} = \underline{210.5 \text{ cm}^3}$$

Use a 305 x 165 x 54 kg/m U-B.

$$Z_{\text{provided}} = \underline{751.8 \text{ cm}^3}.$$

Checks :

(i) Overstressing

$$\begin{aligned} f_{\text{actual}} &= M/Z_{\text{provided}} = \frac{34.74 \times 10^6}{751.8 \times 10^3} \\ &= \underline{46.2 \text{ N/mm}^2} \end{aligned}$$

$$l/r_y = \frac{0.85 \times 9450}{38} = 211$$

$$D/T = \frac{310.9}{13.7} = 22.6$$

Table 3(a) BS449 $P_{bc} = \underline{82 \text{ N/mm}^2}$

(ii) Shear

$$V = W/2 = \frac{3.89 \times 9.45}{2} = 18.38 \text{ kN}$$

$$f'q = \frac{V}{D \times t} = \frac{18.38 \times 10^6}{310.9 \times 7.7} = \underline{7.7 \text{ N/mm}^2}$$

$$\text{Allowable} = 100 \text{ N/mm}^2.$$

(iii) Deflection

$$\text{Take } \Delta = \frac{2.5 W L^3}{384 EI} \quad \text{to allow for partial fixity.}$$

$$= \frac{2.5 \times (3.89 \times 9.45 \times 10^3) \times (9.45)^3 \times 10^9}{384 \times 2.1 \times 10^5 \times 11.686 \times 10^7}$$

$$= \underline{8.2 \text{ mm}}$$

$$\text{Allowable value} = \text{Span} / 360 = \frac{9450}{360} = \underline{26.3 \text{ mm}}$$

∴ 305 x 165 x 54 kg/m U-BS adequate.

Note: Provide 300 mm x 300 mm x 6.3 mm thick
M.S. bearing plates under U-BS

Provide 450 x 450 x 225 mm deep
Mass concrete padstones under MS plates
at each bearing.

~||

Leonard McStay.

B.E. C. Eng. M.I.E.I.

65 Crumlin Rd.

Dublin 12.

Tel: 01-532044.

July '91.

PLANNING DEPARTMENT

BOOK FOLIO

(1) Date Lodged
10.6.91

LOCATION: 1 Ballycullen Road, Knocklyon

REG. REF. 91A/0346

APPLICANT: Mr. & Mrs. J. McDermott

PROPOSAL: Dormer Bungalow & Garage

APPLICATIONS TO BE CIRCULATED TO THE FOLLOWING:

ROADS

[Empty box for Roads]

SANITARY SERVICES

[Empty box for Sanitary Services]

CHIEF MEDICAL OFFICER

[Empty box for Chief Medical Officer]

DEVELOPMENT PLAN TEAM

[Empty box for Development Plan Team]

FIRE PREVENTION OFFICER

[Empty box for Fire Prevention Officer]

PARKS SUPERINTENDENT

[Empty box for Parks Superintendent]

VETERINARY OFFICER

[Empty box for Veterinary Officer]

NOTES G.B. I'm not sure what this is about!
Richard 5-7-91

REFER TO:

Senior Executive Development Controller

(1) Date Lodged
10.6.91

LOCATION: 1 Ballycullen Road, Knocklyon

APPLICANT: Mr. & Mrs. J. McDermott

PROPOSAL: Dormer Bungalow & Garage

REG. REF. 91A/0346

(2) Date referred

ROADS DEPARTMENT OBSERVATIONS:

(for use by Planning Control Section)

(3) Rec'd Roads Department:

1) Application logged on Control Sheets.....YES 0/S

2) Type of application

- a) full permission b) outline c) approval
- d) added information e) compliance with conditions

3) Details provided

- a) North point, b) Adequate location map, c) Site outlined

4) Effect on proposal by road reservations

- a) Site affected by road reservations. Directly/Indirectly
- b) Reservation(s) shown. Correctly/Incorrectly/Approx.
- c) Details of other roads proposals nearby

5) Previous planning history

a) Applications to Local Authority:

Reg.Refs.:

Date Lodged:

b) Applications to An Bord Pleanala

Reg.Refs.:

Decision Dates:

Site observations Access.....

Margin width: Front.....Side.....

Carriage width.....Footpath.....

Relocate poles/service Pipe Ditches

Construct footpath.....Kerbs.....

(9) Decision due:

Endorsed;

DATE:

(4) Dispatched by Roads Dept:

(5) Rec'd Planning

(6) Date to Planner

(7) D.P.O. report to be submitted before:

(8) D.P.O. Report submitted to S.A.O.:

COMMENTS:

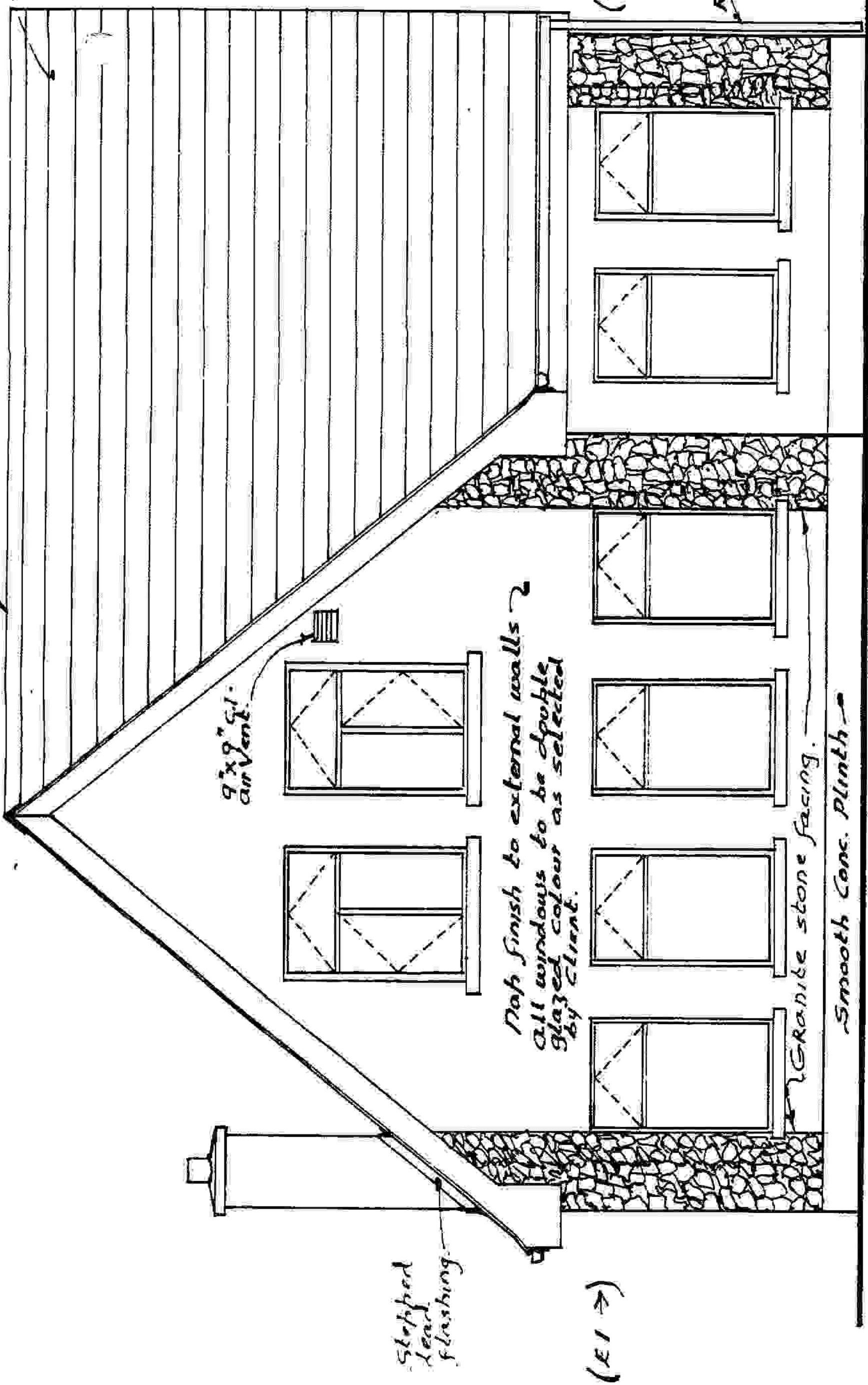
REG, REF No 91A/0346
DECISION ORDER No P/2034/91
DATE 10/5/91

91A/0346
0.2.0
Lent

DUBLIN COUNTY COUNCIL
PLANNING DEPARTMENT
BLOCK 2
IRISH LIFE CENTRE
4R. ABBEY ST
DUBLIN 1



Ridge tile. Redland Stonewold slate grey slates.



9' x 9" sq. air vent.

Plaf finish to external walls
All windows to be double glazed colour as selected by client.

Stopped lead flashing.

(E1 →)

(← E2)

R.W.P.

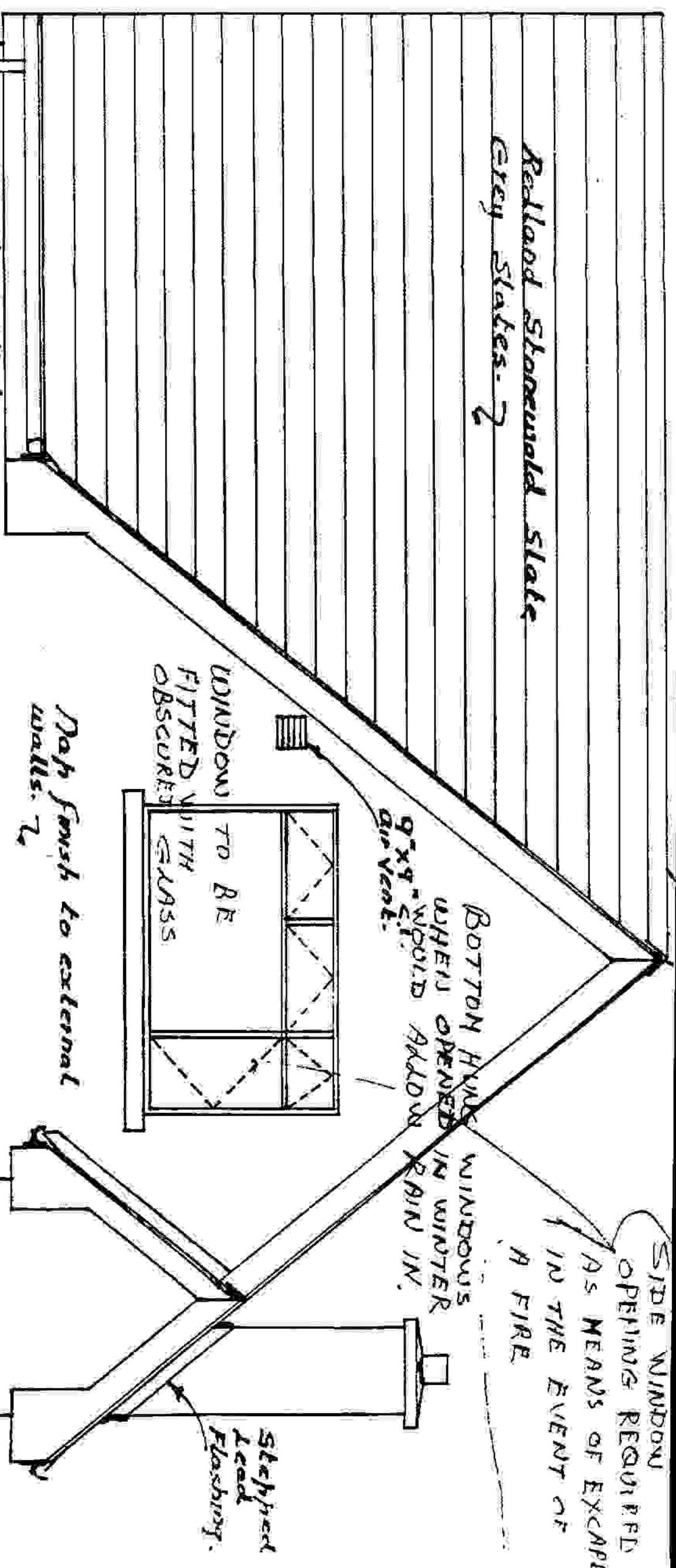
Granite stone facing.

Smooth Conc. Plinth

FRONT ELEVATION.

Ridge tile.

Redwood Stone-wald slate
Grey slates - 2



WINDOW FITTED WITH GLASS TO BE OBTAINED

Dash finish to external walls. 2

BOTTOM HUNG WINDOWS WHEN OPENED WOULD ALLOW RAIN IN.
9x9 inch air vent.

SIDE WINDOW OPENING REQUIRED AS MEANS OF ESCAPE IN THE EVENT OF A FIRE

Stepped Lead Flashing.

Smooth conc. Plinth.

REAR ELEVATION.

RECEIVED
10 JUN 1991
9/11/346
SEC.

COMHAIRLE CEONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

Building Control Department,
Liffey House,
Tara Street,
Dublin 1.

Planning Department,
Irish Life Centre,
Lower Abbey Street,
Dublin 1.

Telephone: 773066

Telephone: 724755
Extension: 231/234

18th June, 1991

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1982

LOCATION: 1 Ballycullen Road, Knocklyon

PROPOSED DEVELOPMENT: Dormer Bungalow & Garage

APPLICANT: Mr. & Mrs. J. McDermott

PLANNING REG. REF.: 91A/0346

DATE OF RECEIPT
OF SUBMISSION: 10th June, 1991

A Chara,

With reference to above, I acknowledge receipt of application for:

Compliance with Conditions

Misc, le meas

A. Smith

PRINCIPAL OFFICER

Mr. P. Murtagh,

31 St. Killian's Avenue,

Walkinstown,

Dublin 12

REG. REF N^o 91A/0346

91A/0346

DECISION ORDER N^o P/2034/91

0.2.0

DATE 10/5/91

Comp



DUBLIN COUNTY COUNCIL

PLANNING DEPARTMENT

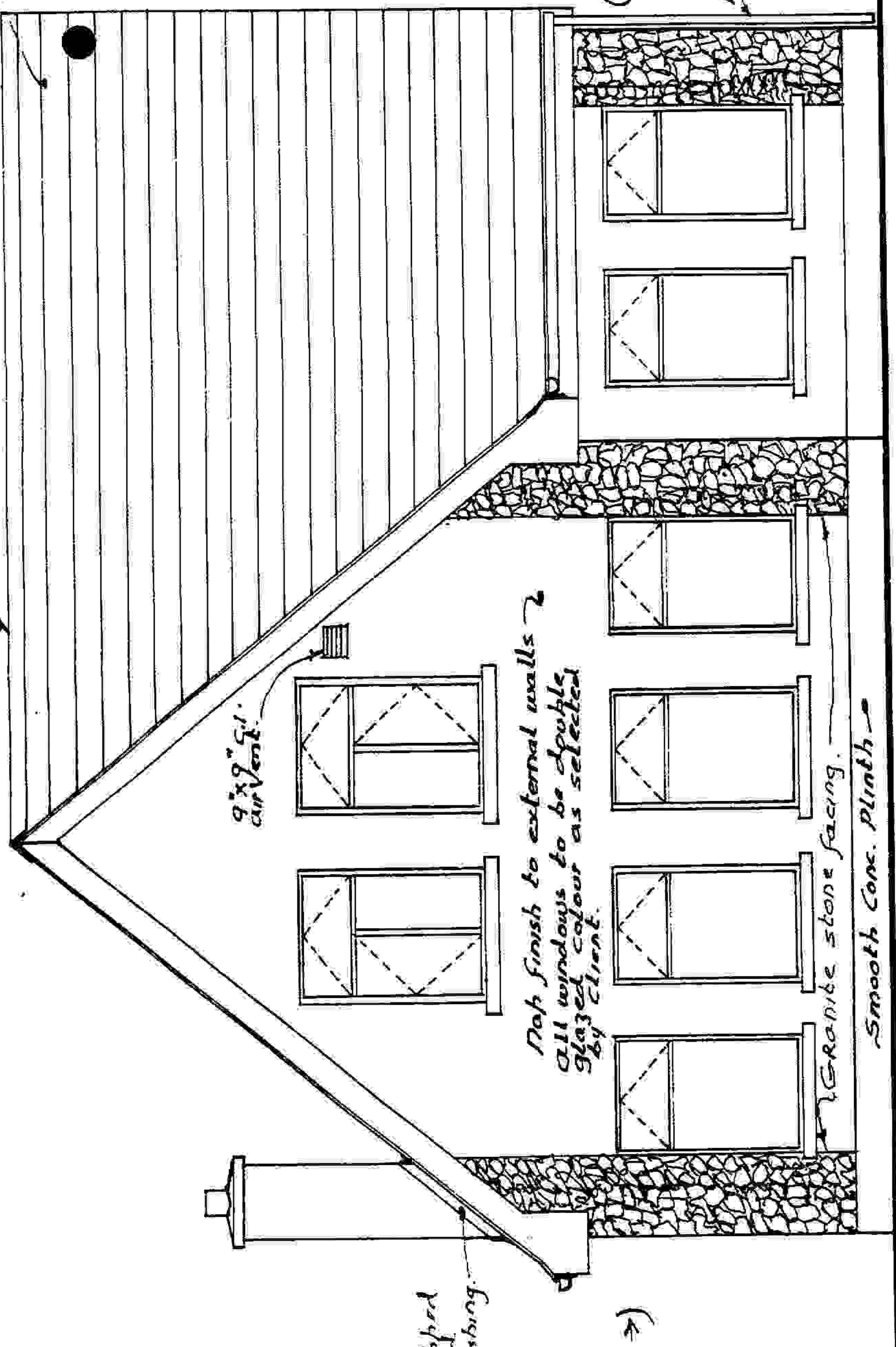
Block 2

IRISH LIFE CENTRE

LR. ABBEY ST

DUBLIN 1

Ridge tile. Redland Stonewold slate grey slates.



9'x9' air vent.

Stopped lead flashing.

Dap finish to external walls
All windows to be double glazed colour as selected by client.

Granite stone facing.

Smooth Conc. Plinth

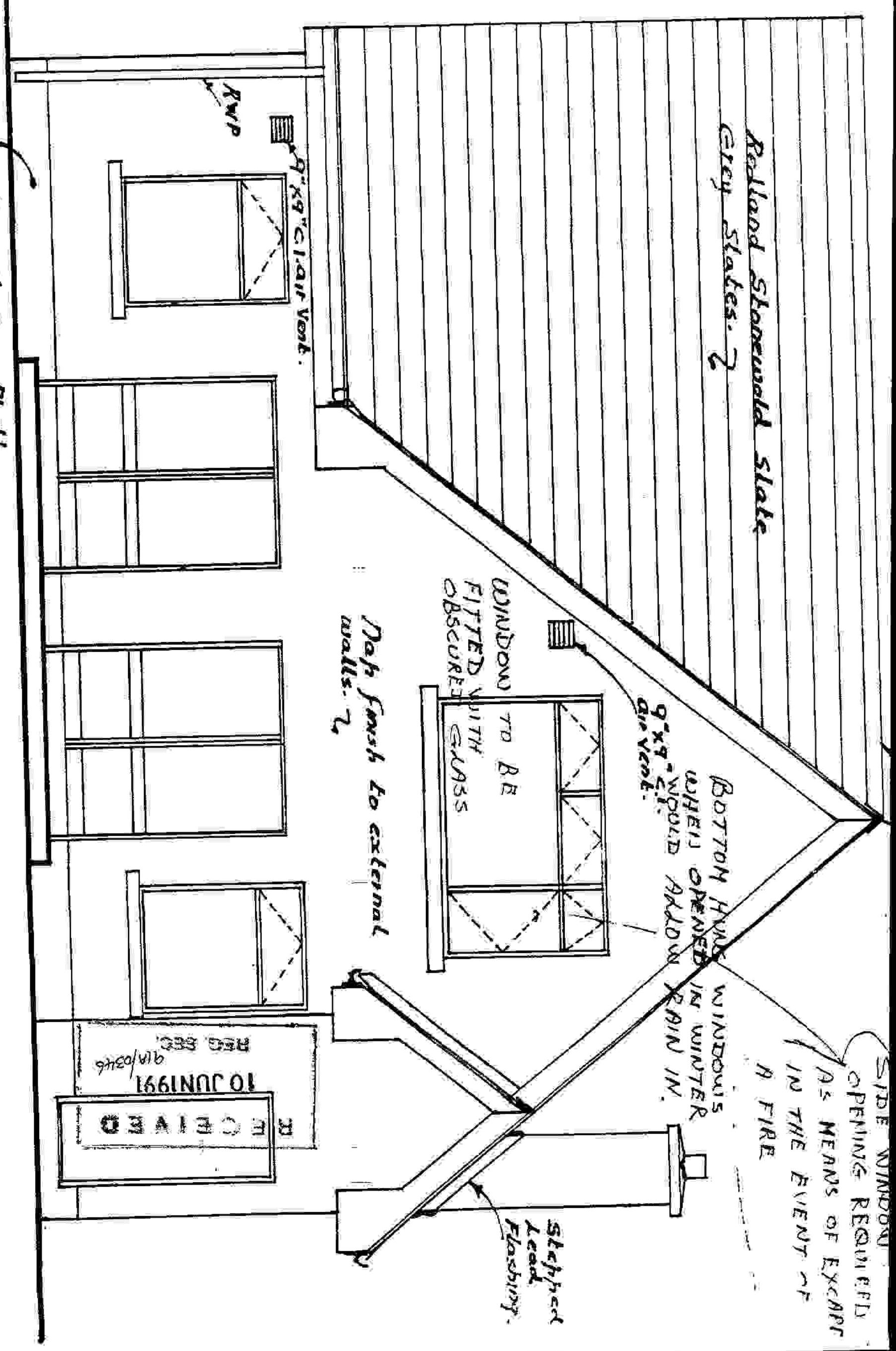
(E1 ->)

(E2 ->)

RWA

FRONT ELEVATION.

Ridge tile.



Redwood Shownwood slate
 Grey slates. 2

WINDOW TO BE
 FITTED WITH
 OBTAINED FROM...

BOTTOM HUNG WINDOWS
 WOULD OPENED IN WINTER
 WHEELS WOULD ALLOW RAIN IN.
 9" x 9" air vent.

Do a finish to external
 walls. 2.

Smooth conc. Plinth.

REAR ELEVATION.

SIDE WINDOW
 OPENING REQUIRED
 AS MEANS OF ESCAPE
 IN THE EVENT OF
 A FIRE

Stacked
 Lead
 Flashing.

RECEIVED
 10 JUN 1991
 REC. SEC.
 91/0346

DUBLIN COUNTY COUNCIL

Tel. 724755 (ext. 262/264)

PLANNING DEPARTMENT,
BLOCK 2,
IRISH LIFE CENTRE,
LR. ABBEY STREET,
DUBLIN 1.

Notification of Decision to Grant Permission/Approval

Local Government (Planning and Development) Acts, 1963-1983

To P. Murtagh,
31 St. Killian's Avenue,
Walkinstown,
Dublin 12.
Applicant Mr. & Mrs. Joe McDermott.

Decision Order Number and Date P/2034/91, 10/5/91
Register Reference No. 91A/0346
Planning Control No. 14/3/91
Application Received on 14/3/91

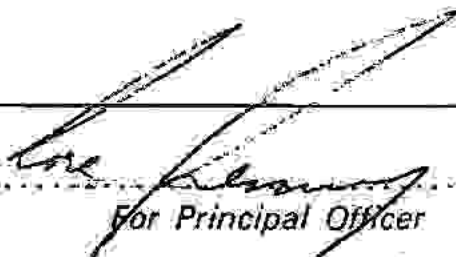
In pursuance of its functions under the above-mentioned Acts, the Dublin County Council, being the Planning Authority for the County Health District of Dublin, did by Order dated as above make a decision to grant Permission/Approval for:-

Proposed Dormer Bungalow and Garage at 1 Ballycullen Road,
Knocklyon, Dublin 16.

SUBJECT TO THE FOLLOWING CONDITIONS

CONDITIONS	REASONS FOR CONDITIONS
1. The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application, save as may be required by the other conditions attached hereto.	1. To ensure that the development shall be in accordance with the permission and that effective control be maintained.
2. That before development commences, approval under the Building Bye-Laws be obtained, and all conditions of that approval be observed in the development.	2. In order to comply with the Sanitary Services Acts, 1878-1964.
3. That proposed house be used as a single dwelling unit.	3. To prevent unauthorised development.
4. That the design of the proposed windows in the front elevation be altered, so that they have a vertical emphasis. Details of the proposed windows are to be agreed in writing with the Planning Authority prior to the commencement of development.	4. In the interest of visual amenity.

Signed on behalf of the Dublin County Council


For Principal Officer

Date 10/5/91

IMPORTANT: Turn overleaf for further information

CONDITIONS

REASONS FOR CONDITIONS

5. That the proposed garage be relocated on the site so that it is located 30' away from the western boundary of the site at its closest point.

6. That the proposed garage be used solely for purposes incidental to the enjoyment of the dwellinghouses as such and shall not be used for the carrying on of any trade or business.

7. That the water supply and drainage arrangements including the disposal of surface water be in accordance with the requirements of the Planning Authority. The applicant should note that the finished floor levels are to be a minimum 300mm above the highest recorded floor levels.

8. That the existing vehicular access to the site be used. The entrance piers and walls to be constructed using granite.

9. That a financial contribution in the sum of £750.00 be paid by the proposer to the Dublin County Council towards the cost of provision of public services in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

10. That the window serving bedroom no. 2 on the first floor be bottom hung with obscure glass. Details ^{of this} are to be agreed with the Planning Authority prior to the commencement of development.

11. Heating to be provided by the use of either oil, gas, electricity or by smokeless fuels in fireplaces or appliances suitable only for burning solid smokeless fuels.

5. In the interest of visual amenity.

6. In the interest of the proper planning and development of the area.

7. In order to comply with the Sanitary Services Acts, 1978-1964.

8. In the interest of the proper planning and development of the area.

9. The provision of such services in the area by the Council will facilitate the proposed development. It is considered reasonable that the developer should contribute towards the cost of providing the services.

10. In the interest of residential amenity.

11. In the interest of reducing air pollution.

NOTE:

If there is no appeal to An Bord Pleanala against this decision PERMISSION/APPROVAL will be granted by the Council as soon as may be after the expiration of the period for the taking of such appeal. If every appeal made in accordance with the Acts has been withdrawn, the Council will grant the PERMISSION/APPROVAL after the withdrawal.

An appeal against the decision may be made to An Bord Pleanala. The applicant may appeal within one month from the date of receipt by him of this notification. ANY OTHER PERSON may appeal within twenty-one days beginning on the date of the decision.

An appeal shall be in writing and shall state the subject matter and grounds of the appeal. It should be addressed to:—
An Bord Pleanala, Blocks 6 and 7, Irish Life Centre, Lower Abbey Street, Dublin 1.

(1) An appeal lodged by an applicant or his agent with An Bord Pleanala will be invalid unless accompanied by a fee of £36 (Thirty-six Pounds). (2) A party to an appeal making a request to An Bord Pleanala for an Oral Hearing of an appeal must, in addition to (1) above, pay to An Bord Pleanala a fee of £36 (Thirty-six Pounds). (3) A person who is not a party to an appeal must pay a fee of £10 (Ten Pounds) to An Bord Pleanala when making submissions or observations to An Bord Pleanala in relation to an appeal.

Approval of the Council under Building Bye-Laws must be obtained and the terms of the approval must be complied with in the carrying out of the work before any development which may be permitted is commenced.



PLEASE READ INSTRUCTIONS AT BACK BEFORE COMPLETING FORM. ALL QUESTIONS MUST BE ANSWERED.

DUBLIN COUNTY COUNCIL
 PLANNING DEPT.
 RECEIVED
 14 MAR 1991

1. Application for Permission Outline Permission Approval Place / in appropriate box.
 Approval should be sought only where an outline permission was previously granted. Outline permission may not be sought for the retention of structures or continuances of uses.

2. Postal address of site or building 1 Ballycullen Rd Knocklyon
 (If none, give description sufficient to identify) Dublin 16.

3. Name of applicant (Principal not Agent) Mr & Mrs J Mc Dermott.
 Address 230 Bunting Rd Walkinstown Dublin 12. Tel. No.

4. Name and address of P. Meestagh 51 St Killeas Ave
 person or firm responsible Walkinstown D12 Tel. No. 523509
 for preparation of drawings

5. Name and address to which P. Meestagh 31 St Killeas Ave
 notifications should be sent Walkinstown Dublin 12

6. Brief description of Proposed Dormer Bungalow & Garage
 proposed development

7. Method of drainage existing 8. Source of Water Supply existing

9. In the case of any building or buildings to be retained on site, please state:-
 (a) Present use of each floor
 or use when last used.

(b) Proposed use of each floor

10 Does the proposal involve demolition, partial demolition or change of use of any habitable house or part thereof?

11.(a) Area of Site Sq. m.

(b) Floor area of proposed development Sq. m.

(c) Floor area of buildings proposed to be retained within site Sq. m.

12.State applicant's legal interest or estate in site Freehold
 (i.e. freehold, leasehold, etc.)

13.Are you now applying also for an approval under the Building Bye Laws?
 Yes No Place / in appropriate box.

14.Please state the extent to which the Draft Building Regulations have been taken in account in your proposal:

15. List of documents enclosed with A complete set of drawings, copies of advert & Enclosure and letter

CO. DUBLIN - Permission for
 former bungalow and garage at 1
 Ballycullen Road, Knocklyon,
 Dublin 16 for Mr. and Mrs. Joe
 Mc Dermott

16.Gross floor space of proposed development (See back) Sq. m.

No of dwellings proposed (if any) 1 Class(es) of Development Class No 1

Fee Payable £. 32.00 Basis of Calculation Planning Only

If a reduced fee is tendered details of previous relevant payment should be given

Signature of Applicant (or his Agent) J Mc Dermott Date 11/3/91

Application Type P FOR OFFICE USE ONLY

Register Reference 91A/0346

Amount Received £. 22/13 2.16.0 14/3

Receipt No.

Date

Er
 Herald
 11/3/91

RECEIVED
 14 MAR 1991

LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) REGULATIONS 1977 to 1984.

Outline of requirements for applications for permission or Approval under the Local Government (Planning & Development) Acts 1963 to 1983. The Planning Acts and Regulations made thereunder may be purchased from the Government Publications Sales Office, Sun Alliance House, Molesworth Street, Dublin 2.

1. Name and Address of applicant.
 2. Particulars of the interest held in the land or structure, i.e. whether freehold, leasehold, etc.
 3. The page of a newspaper, circulating in the area in which the land or structure is situate, containing the required statutory notice. The newspaper advertisement should state after the heading Co. Dublin.
 - (a) The address of the structure or the location of the land.
 - (b) The nature and extent of the development proposed. If retention of development is involved, the notice should be worded accordingly. Any demolition of habitable accommodation should be indicated.
 - (c) The name of the applicant.
- NB. Applications must be received within 2 weeks from date of publication of the notice.**
4. Four (4) sets of drawings to a stated scale must be submitted. Each set to include a layout or block plan, proposed and existing services to be shown on this drawing, location map, and drawings of relevant floor plans, elevations, sections, details of type and location of septic tank (if applicable) and such other particulars as are necessary to identify the land and to describe the works or structure to which the application relates (new work to be coloured or otherwise distinguished from any retained structures). Buildings, roads, boundaries and other features bounding the structure or other land to which the application relates shall be shown on site plans or layout plans. The location map should be of scale not less than 1: 2500 and should indicate the north point. The site of the proposed development must be outlined in red. Plans and drawings should indicate the name and address of the person by whom they were prepared. Any adjoining lands in which the applicant has an interest must be outlined in blue.
 5. In the case of a proposed change of use of any structure or land, requirements in addition to 1, 2, & 3 are:
 - (a) a statement of the existing use and the proposed use, or, where appropriate, the former use and the use proposed.
 - (b) (i) Four (4) sets of the drawings to a stated scale must be submitted. Each set to consist of a plan or location map (marked or coloured in red so as to identify the structure or land to which the application relates) to a scale of not less than 1:2500 and to indicate the North point. Any adjoining lands in which the application has an interest must be outlined in blue.
 - (ii) A layout and a survey plan of each floor of any structure to which the application relates.
 - (c) Plans and drawings should indicate the name and address of the person by whom they were prepared.
 6. Applications should be addressed to: Dublin County Council, Planning Department, Irish Life Centre, Lr. Abbey Street, Dublin 1, Tel. 724755.

SEPTIC TANK DRAINAGE: Where drainage by means of a septic tank is proposed, before a planning application is considered, the applicant may be required to arrange for a trial hole to be inspected and declared suitable for the satisfactory percolation of septic tank effluent. The trial hole to be dug seven feet deep at or about the site of the septic tank. Septic tanks are to be in accordance with I.I.R.S. S.R. 6:75.

INDUSTRIAL DEVELOPMENT:

The proposed use of an industrial premises should, where possible, be stated together with the estimated number of employees, (male and female). Details of trade effluents, if any, should be submitted.

Applicants to comply in full with the requirements of the Local Government (Water Pollution) Act, 1977 in particular the licencing provisions of Sections 4 and 16.

PLANNING APPLICATIONS

CLASS NO.	DESCRIPTION	FEE
1.	Provision of dwelling — House/Flat.	£32.00 each
2.	Domestic extensions/other improvements.	£16.00
3.	Provision of agricultural buildings (See Regs.)	£40.00 minimum
4.	Other buildings (i.e. offices, commercial, etc.)	£1.75 per sq. metre (Min. £40.00)
5.	Use of land (Mining, deposit or waste)	£25.00 per 0.1 ha (Min. £250.00)
6.	Use of land (Camping, parking, storage)	£25.00 per 0.1 ha (Min. £40.00)
7.	Provision of plant/machinery/tank or other structure for storage purposes.	£25.00 per 0.1 ha (Min. £100.00)
8.	Petrol Filling Station.	£100.00
9.	Advertising Structures.	£10.00 per m ² (min. £40.00)
10.	Electricity transmission lines.	£25.00 per 1,000m (Min. £40.00)
11.	Any other development.	£5.00 per 0.1 ha (Min. £40.00)

BUILDING BYE-LAW APPLICATIONS

CLASS NO.	DESCRIPTION	FEE
A	Dwelling (House/Flat)	£55.00 each
B	Domestic Extension (improvement/alteration)	£30.00 each
C	Building — Office/Commercial Purposes.	£3.50 per m ² (min. £70.00)
D	Agricultural Buildings/Structures	£1.00 per m ² in excess of 300 sq. metres (min. - £70.00) (Max. - £300.00)
E	Petrol Filling Station	£200.00
F	Development or Proposals not coming within any of the foregoing classes.	£9.00 per 0.1 ha. (£70.00 min.)
		Min. Fee £30.00 Max. Fee £20,000

Cheques etc. should be made payable to: Dublin County Council.

Gross Floor space is to be taken as the total floor space on each floor measured from the inside of the external walls.

For full details of Fees and Exemptions see Local Government (Planning and Development) (Fees) Regulations 1984.

COMHAIRLE CHONTAE ÁTHA CLIATH

RECEIPT CODE

PAID BY DUBLIN COUNTY COUNCIL
46/49 UPPER O'CONNELL STREET,
DUBLIN 1.

- CASH
- CHEQUE
- M.O.
- B.L.
- I.T.

This receipt is not
acknowledgment that the fee
is the prescribed application

N 34204

£ 32.00

14th day of March 1921

Received this
from Mrs Mrs J M. Donohy
230 Bally Road

the sum of £ 32.00 Pounds
 Pence, being 00

application at 1 Ballyculleen road, Knocklyon, D.K.
Class 1

Michael O'Han Cashier

S. CAREY
Principal Officer 1402

31, St. Killians Ave,
Walkinstown,
Dublin 12.
Telephone 523509.

For the attention of
Miss A. ~~Boyle~~. O'SHEA.

Re: Proposed Dormer Bungalow and Garage
at
1 Ballycullen Road, Knocklyon, Dublin 16.
for
Mr & Mrs J Mc Dermott.

Dear Madam,

Please find enclosed drawings etc. for the above.

There are 2 points I wish to make regarding the proposed dormer bungalow:

1. The position of the proposed dormer bungalow on the site is determined by 2 factors.
 - A. The line of the existing County Council Main Sewer pipe as shown on the block plan.
 - B. The existing steam which has to be piped by the developer of the land on the right hand side of the above site as part of the planning conditions granted to him for a housing developments on the land.

Both these factors require under the Building Bye Laws that no structure be built within 5 metres of same.

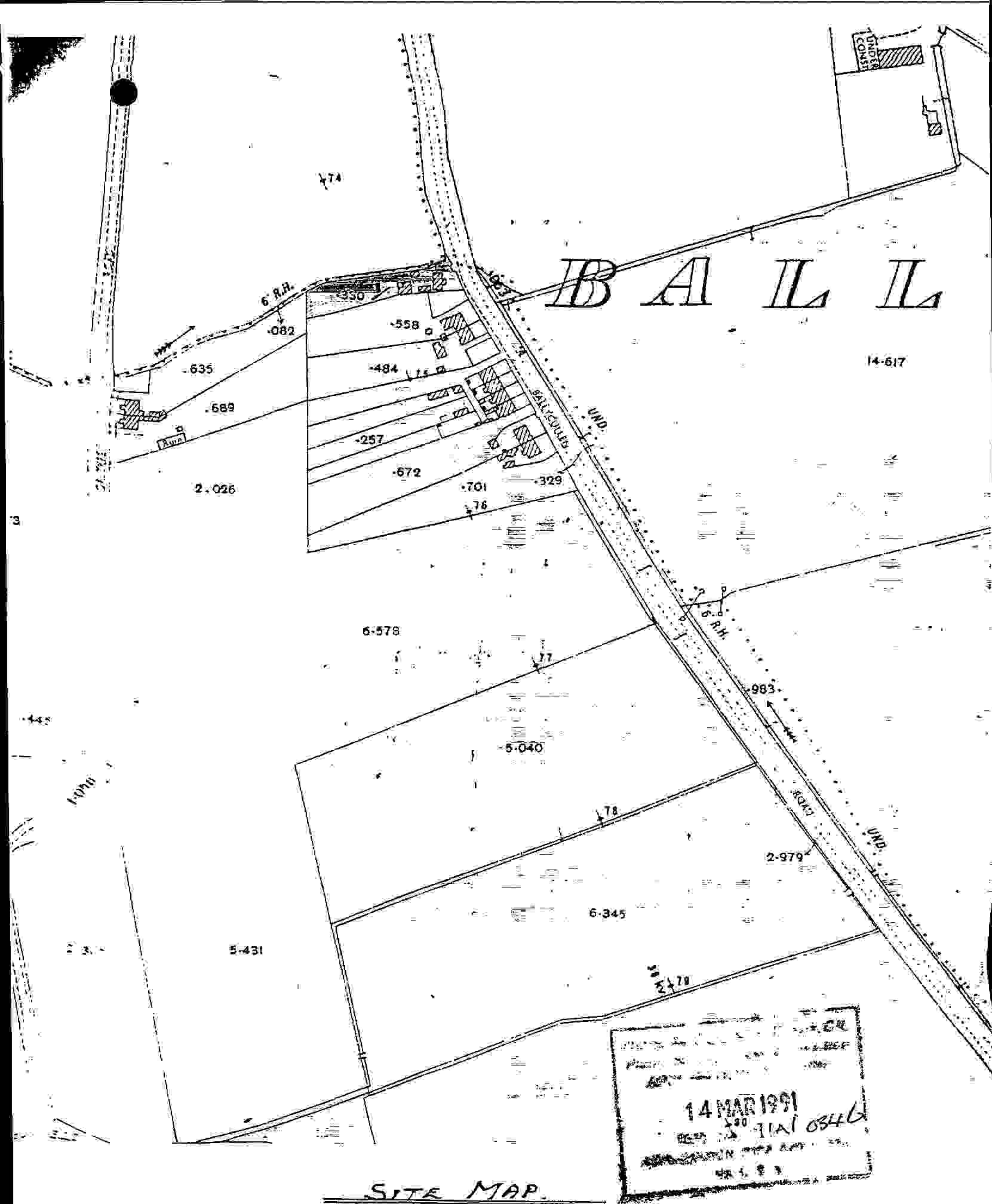
2. There was a cottage on this site which was Mrs Mc Dermotts home, before marriage, and was vacanted for years after her mother's death. In the lasst few years it has been vandalised and became uninhabitable and dangerous and for fear of somebody being injured they had it demolished early last year.

Trusting these points enlighten you regarding the proposal.

Yours faithfully

P. Murtagh
Paul Murtagh

[Handwritten signature]



BALLYCULLEN

SITE MAP.

MR & MRS J. M^S DERMOTT.
 1 BALLYCULLEN RD.
 KNOCKLYON.
 DUBLIN 16.

Scale 1:2500.
 Date MARCH '91.
 Signed: P. Murtagh.