

BYE LAW APPLICATION FEES

REF. NO.: 91A/0202 CERTIFICATE NO.: 14044B  
 PROPOSAL: 3 houses  
 LOCATION: 15, 16 & 17 Bredford Road from Road to Broadland Lucas  
 APPLICANT: McNamee Construction Ltd

	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 (Houses/Flats)	@ £55	£165	£165	—		
B	Domestic Ext. (Improvement/Alts.)	@ £30					
C	Building for office or other comm. purpose	@ £3.50 per M <sup>2</sup> or £70					
D	Building or other structure for purposes of agriculture	@ £1.00 per M <sup>2</sup> in excess of 300 M <sup>2</sup> Min. £70					
E	Petrol Filling Station	@ £200					
F	Dev. of prop. not coming within any of the foregoing 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: R. R. R. Grade: 500 Date: 21/2/91

Columns 2,3,4,5,6 & 7 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

91A/0202

CERTIFICATE NO: 24309

3 lanes

PROPOSAL: 18, 16 & 17 Ballyowen Green Road to Ballydowd, Lucan  
LOCATION: Mcnamara Construction Ltd

1	2	3	4	5	6	7
Dwellings/Area Length/Struct	RATE	AMT. OF FEE REQ.	AMOUNT LODGED	BALANCE DUE	BALANCE DUE	DATE / RECEIPT NO
Dwellings	€32	24	24			
	€16					
	€50 per MF in excess of 300m <sup>2</sup> Min. 240					
metres <sup>2</sup>	€21.75 per MF of 240					
x .1 hect.	€23 per hect. of 2300					
x .1 hect.	€25 per hect. of 240					
x .1 hect.	€23 per hect. of 2300					
	€102					
x metres <sup>2</sup>	€10 per MF of 240					
x 1,000m <sup>2</sup>	€15 per 1,000m <sup>2</sup> of 240					
x .1 hect.	€25 per .1 hect. of 240					

Column 1 Certified: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_  
 Column 1 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_  
 Columns 2, 3, 4, 5, 6 & 7 Certified: Signed: *[Signature]* Grade: *S.O.* Date: *01/2/91*  
 Columns 2, 3, 4, 5, 6 & 7 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

DUBLIN COUNTY COUNCIL

PLANNING DEPARTMENT

Register Reference : 91A/0202

Date Received : 19th February 1991

Applicant : McNamara Construction Ltd.,

Appl.Type : PERMISSI

Development : Change of house type from previously approved 3 det.  
houses to 2,4 bed. det. semi-det. & 1 det. house

LOCATION : 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park,  
Ballydowd, Lucan

O.S.REFS. 

17/7			
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AREA REFERENCE 

L	C	0	6	0	2
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HISTORY 

90A/1493	89A/1467			

FEE CERTIFICATE NO. \_\_\_\_\_

FEE CLASS 

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MEASUREMENT FOR FEES 

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SIGNED ..... DATE .....  
SENIOR EXECUTIVE DRAUGHTSMAN

FEE PAID	FEE ASSESSED	BALANCE DUE

CERTIFIED \_\_\_\_\_ GRADE \_\_\_\_\_ DATE \_\_\_\_\_

Mr. A. Hinchy,  
Senior Executive Draughtsman/Technician

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RE: Sites 15, 16 & 17 Ballyown Green Road 6 Ballydowd  
LUCC

REG. REF.: 91A/0202

RE: LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) (FEES AND AMENDMENT)  
REGULATIONS, 1983 - ARTICLE 6.1

A reduced fee (i.e. ½) has been paid in respect of the above application.  
Please confirm this is the correct fee under Article 6.1 of the Local  
Government (Planning and Development) (Fees and Amendment) Regulations, 1983.  
File Reg. Ref.: 90A/1493 on which a full fee was paid is attached.



Richard Whelan,  
Staff Officer,  
Registry Section.

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*No alteration to site layout*  
*J.Y.*  
*22/1/91*

Mr. R. Whelan,  
Registry Section.

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A. Hinchy,  
Senior Executive Draughtsman/Technician

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:

DEVELOPMENT CONTROL ASSISTANT GRADE

SS only

(R)

Register Reference : 91A/0202

Date : 22nd February 1991

Development : Change of house type from previously approved 3 det. houses to 2,4 bed. det. semi-det. & 1 det. house

LOCATION : 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan

Applicant : McNamara Construction Ltd.,

MG

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Planning Officer :

Date Recd. : 19th February 1991

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

DUBLIN Co. C  
27 FEB 1991  
SANITARY SERVICES

Yours faithfully,

DUBLIN Co. C  
SANITARY SERVICES  
PRINCIPAL OFFICER  
16 APR 1991  
Returned *[Signature]*

Date received in sanitary services .....

FOUL SEWER

*No objection*

PLANNING DEPT.  
DEVELOPMENT CONTROL SECT  
Date ..... 16/4/91  
Time ..... 4.00

SURFACE WATER

*No objection*

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

*J. Rice*  
11/4/91

Register Reference : 91A/0202

Date : 22nd February 1991

.....  
ENDORSED \_\_\_\_\_ DATE \_\_\_\_\_

WATER SUPPLY. *No objection to proposed change. P. Griffiths 26/2/91.*

*DMK*  
*4/3/91*

.....  
ENDORSED *[Signature]* DATE *12/4/91*

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Proposed change of house type from previously approved 3 detached houses to 2, 4 bedroom semi-detached and 1 detached house at 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan for McNamara Construction Limited.

Keane Murphy Duff, Archs.,  
4 Princes Street South,  
City Quay,  
Dublin 2.

Reg. Ref. 91A/0202  
App. Recd: 19.02.91  
Floor Area: 124 sq.m. det.  
and 115 sq.m. 4 bed semi.d.  
Site Area: 850 sq.m.  
Zoning: A1

CP 8180  
PN 1144

CONSTRUCTION
Site 118,800
Floor 1420
Site 1144
Open Space, off of 300sqm
Other
SECURITY:
Bond / C.I.F.
Cash: <i>Colfer</i>

Report of the Dublin Planning Officer, dated 11 April 1991

This is an application for PERMISSION for a change of house type from previously approved 3 detached houses to 2, 4 bedroom semi-detached and 1 detached house at 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan for McNamara Construction Limited.

Reg. Ref. No. 88A/1768 refers to the grounding permission for housing development at Ballyowen Park for Lark Developments. This grant of permission provided for 3 no. detached dwellings at the above mentioned sites 15-17, Road 6.

Reg. Ref. No. 90A/1493 refers to a grant of permission for change of house type (to provide a smaller house within "grant size" (124 sq.m.) at sites 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park, for McNamara Construction.

Reg. Ref. No. 90A/83 refers to a grant of permission for change of house type to include 3 additional units at sites 1-11 Ballyowen Green (i.e. remainder of this road).

Ballyowen Green (previously Road 6) is located to the south-east corner of the Ballyowen Housing Development, facing the large area of approved public open space.

Lodged plans provide for a pair of 4 bedroom semi-detached houses (floor area 115 sq.m.) at sites 15 and 16 and a 4 bedroom detached house, floor area 124 sq.m., at Site 17. The various sites have been altered to accommodate the changed house type.

The proposed semi-detached houses are to have a hipped roof, part brick front with a gable to the front. The proposed detached house is to have a gable to the front, a part brick finish, and a garage to the side.

Roads Department report no objection.

The proposal is considered acceptable.

Over .....



COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Proposed change of house type from previously approved 3 detached houses to 2, 4 bedroom semi-detached and 1 detached house at 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan for McNamara Construction Limited.

I recommend that a decision to **GRANT PERMISSION** be made under the Local Government (Planning and Development) Acts, 1963-1990 subject to the following (7) conditions:-

6-7  
(SEE CONDITIONS OVER)

mg (MG/AC)

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 (7) conditions set out above is hereby made.

Dated: 15 April, 1991.

[Signature]  
ASSISTANT CITY & COUNTY MANAGER

to whom the appropriate powers have been delegated by Order of the Dublin City and County Manager, dated 8 April, 1991.

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Proposed change of house type from previously approved 3 detached houses to 2, 4 bedroom semi-detached and 1 detached house at 15, 16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan for McNamara Construction Limited.

### 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.

2. That before development commences, approval under the Building Bye-Laws be obtained, and all conditions of that approval be observed in the development.

3. The development shall be carried out in conformity with Conditions Nos. 6-16, 19-29 incl. of the decision to grant permission by Order No. P/871/89, dated 10.03.89, Reg. Ref. 88A/1768, save as amended to conform with the revisions indicated in the plans lodged with Dublin County Council in connection with this application.

4. That each house be used as a single dwelling unit.

5. That (a) a detailed landscape plan with full works specification, bill of quantity for the development of an on-site open space in respect of the overall approved site (Reg. Ref. 88A/1768), (i.e. regarding, topsoiling, seeding, drainage, tree and shrub planting, screen wall planting, pedestrian path, etc.) to be agreed and lodged with the County Council before any development works commence on site, *(B) a scheme of street tree planting to be submitted and agreed with the Planning Department prior to commencement of development.*  
*Alternatively* the developer to pay a financial contribution of £300 per house towards the Council's cost of development of this public open space on site.

### REASONS FOR CONDITIONS

1. To ensure that the development shall be in accordance with the permission and that effective control be maintained.

2. In order to comply with the Sanitary Services Acts, 1878-1964.

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

4. To prevent unauthorised development.

5. In the interest of amenity.

Over .....

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Proposed change of house type from previously approved 3 detached houses to 2, 4 bedroom semi-detached and 1 detached house at 15, 16 and 17 Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan for McNamara Construction Limited.

### CONDITIONS

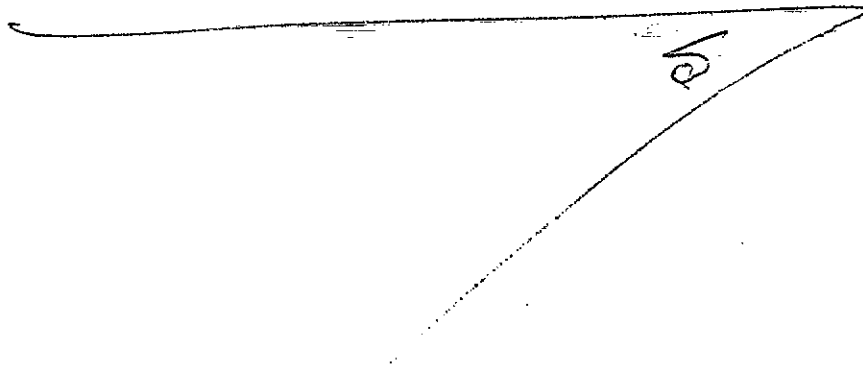
### REASONS FOR CONDITIONS

6. That arrangements made with regard to the payment of the financial ~~£18,800~~ <sup>£118,800</sup> contribution in the sum of ~~£18,800~~ as required by Condition No. 4 of the planning permission granted under Reg. Ref. 88A/1768 be strictly adhered to in respect of this proposal.

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

7. That prior to the commencement of development, developer to pay a sum of £1,420 per house to Dublin County Council as a contribution towards the cost of the infrastructural roadwork necessary to relieve traffic hazard in the area of the proposed development. This contribution to be paid before the commencement of development on site.

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



DUBLIN COUNTY COUNCIL

REG. REF: 91/A/202

LOCATION: No. 15, 16 & 17 Ballyowen Green (Road 6) Ballyowen Park, Ballydowd, Lucan.

APPLICANT: McNamara Construction Ltd.

PROPOSAL: Change of house type.

DATE LODGED: 19/2/91.

No Roads objection.

All pertinent conditions of previous permissions still apply (89/A/2029, 89/A/608, 88/A/1768, 89/A/857 and 88/A/663).

TB/MM 28/3/91.

APPROVED: 4.9.2/k

BY: 28/3/91

ENDORSED: \_\_\_\_\_

DATE: \_\_\_\_\_

CONDITIONS

REASONS FOR CONDITIONS

5. That (a) a detailed landscape plan with full works specification, bill of quantity for the development of an on site open space in respect of the overall approved site (Reg. Ref. 88A/1768), (i.e. regarding, topsoiling, seeding, drainage, tree and shrub planting, screen wall planting, pedestrian path, etc.) to be agreed and lodged with the County Council before any development works commence on site.

(B) A scheme of street tree planting to be submitted and agreed with the Planning Authority at a rate of one tree per house prior to commencement of development, *OR*, Alternatively the developer to pay a financial contribution of £300 per house towards the Council's cost of development of this public open space on site.

6. That arrangements made with regard to the payment of the financial contribution in the sum of £118,800 as required by Condition No. 4 of the planning permission granted under Reg. Ref. 88A/1768 be strictly adhered to in respect of this proposal.

7. That prior to the commencement of development, developer to pay a sum of £1,420 per house to Dublin County Council as a contribution towards the cost of the infrastructural roadwork necessary to relieve traffic hazard in the area of the proposed development. This contribution to be paid before the commencement of development on site.

5. In the interest of amenity.

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

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

*Jaob*

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.

# 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 Keane Murphy Duff, Archs., Decision Order P/1554/91 15.04.91  
4 Princes Street South, Number and Date  
City Quay, Register Reference No. 91A/0202  
Dublin 2. Planning Control No.  
Application Received on 19.02.91

Applicant McNamara Construction Ltd.

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:-

change of house type from previously approved 3 detached houses to  
2, 4 bedroom semi-detached and 1 detached house at 15,16 and 17  
Ballyowen Green (Road 6), Ballyowen Park, Ballydowd, Lucan.

### 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. The development shall be carried out in conformity with Conditions Nos. 6-16, 19-29 incl. of the decision to grant permission by Order No. P/871/89, dated 10.03.89, Reg. Ref. 88A/1768, save as amended to conform with the revisions indicated in the plans lodged with Dublin County Council in connection with this application.	3. In the interest of the proper planning and development of the area.
4. That each house be used as a single dwelling unit.	4. To prevent unauthorised development.

Over .....

Signed on behalf of the Dublin County Council .....

*J. de Bratton*  
For Principal Officer

Date 15 April, 1991

IMPORTANT: Turn overleaf for further information

CONDITIONS

REASONS FOR CONDITIONS

5. That (a) a detailed landscape plan with full works specification, bill of quantity for the development of an on site open space in respect of the overall approved site (Reg. Ref. 88A/1768), (i.e. regarding, topsoiling, seeding, drainage, tree and shrub planting, screen wall planting, pedestrian path, etc.) to be agreed and lodged with the County Council before any development works commence on site.

(B) A scheme of street tree planting to be submitted and agreed with the Planning Authority at a rate of one tree per house prior to commencement of development, ~~or~~, Alternatively the developer to pay a financial contribution of £300 per house towards the Council's cost of development of this public open space on site.

6. That arrangements made with regard to the payment of the financial contribution in the sum of £118,800 as required by Condition No. 4 of the planning permission granted under Reg. Ref. 88A/1768 be strictly adhered to in respect of this proposal.

7. That prior to the commencement of development, developer to pay a sum of £1,420 per house to Dublin County Council as a contribution towards the cost of the infrastructural roadwork necessary to relieve traffic hazard in the area of the proposed development. This contribution to be paid before the commencement of development on site.

5. In the interest of amenity.

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

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

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.

Building Control Department,  
Liffey House,  
Tara Street,  
Dublin 1.  
Telephone: 773066



Bloc 2, Ionad Bheatha na hEireann,  
Block 2, Irish Life Centre,  
Sraid na Mainistreach lacht,  
Lower Abbey Street,  
Baile Atha Cliath 1.  
Dublin 1.  
Telephone. (01)724755  
Fax. (01)724896

Register Reference : 91A/0202

Date : 20th February 1991

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1990.

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Dear Sir/Madam,

DEVELOPMENT : Change of house type from previously approved 3 det.  
houses to 2,4 bed. det. semi-det. & 1 det. house

LOCATION : 15,16 and 17 Ballyowen Green (Road 6), Ballyowen Park,  
Ballydowd, Lucan

APPLICANT : McNamara Construction Ltd.,

APP. TYPE : PERMISSION/BUILDING BYE-LAW APPROVAL

With reference to above, I acknowledge receipt of your application received  
on 19th February 1991.

Yours faithfully,

.....

PRINCIPAL OFFICER

Keane Murphy Duff, Architects,  
4 Princes Street South,  
City Quay,  
Dublin 2





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 Site nos. 15, 16, and 17, Ballyowen Green (Road 6).  
(If none, give description sufficient to identify) Ballyowen Park, Ballydowd, Lucan, Co. Dublin.

3. Name of applicant (Principal not Agent) McNamara Construction Ltd. **REG. NO. 165 N31532**  
Address Coolgreena Road, Beaumont, Dublin 9. Tel. No. 31660

4. Name and address of person or firm responsible for preparation of drawings Keane Murphy Duff, 4 Princes Street South, City Quay, Dublin 2. Tel. No. 770077

5. Name and address to which notifications should be sent Keane Murphy Duff, Architects, 4 Princes Street South, City Quay, Dublin 2.

6. Brief description of proposed development Change of house type from 3 no. detached to 2 no. semi-detached and 1 no. detached.

7. Method of drainage Main sewer 8. Source of supply Dublin County Council supply

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. N/A  
(b) Proposed use of each floor. N/A

**DUBLIN COUNTY COUNCIL**  
Planning permission is being sought for a change of house type from previously approved 3 detached houses to 2, 4 bedroom semi detached and 1 detached house at 15, 16 and 17 Ballyowen Green (Road 6), Ballydowd, Lucan for Mc Namara Construction Ltd.

10 Does the proposal involve demolition, partial demolition or change of use of any habitable house or part thereof? No

11. (a) Area of Site Total area of 3 sites 850 sq. m. Sq. m.  
(b) Floor area of proposed development 124m<sup>2</sup> detached and 115m<sup>2</sup> 4 bed semi. Sq. m. **124**  
(c) Floor area of buildings proposed to be retained within site N/A Sq. m. **115**

**N3138**  
**19/2**

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

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. 4 copies of drawing nos. 8851/1-7, specification. Covering letter, newspaper advertisement, cheque £189.00 (Payable to Dublin County Council)

16. Gross floor space of proposed development (See back) See 11(b) Sq. m.

No of dwellings proposed (if any) 3 Class(es) of Development 1  
Fee Payable £ 189.00 Basis of Calculation Reduced fee £55 x 3 = £165.00  
If a reduced fee is tendered details of previous relevant payment should be given £32 x 3 = £96.00 TOTAL £189.00  
÷ 4 = £24.00

Signature of Applicant (or his Agent) *Niall O'Connell* Date 8th February, 1991

Application Type P/882

Register Reference 91A/0202

Amount Received £

Receipt No

Date

FOR OFFICE USE ONLY

\*Full fee paid on previous application  
Plan Reg. Ref. No. 88A/1768

2.28.4 19/2

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

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 <sup>2</sup> (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 <sup>2</sup> (min. £70.00)
D	Agricultural Buildings/Structures	£1.00 per m <sup>2</sup> 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.

**MAIRLE CHONTAE ÁTHA CLIATH**

RECEIPT CODE

DUBLIN COUNTY COUNCIL

46/49 UPPER O'CONNELL STREET,  
DUBLIN 1.

BYE LAW APPLICATION.

REC. No. N 31572

BY  
M.O.  
B.L.  
I.T.

£ 165.00

Received this 9th day of February 1991

from Mc Namara construction ltd  
Coolgreene road, Bannmont

the sum of one hundred and sixty five Pounds

Pence, being 00

application at 15, 16, 17 Ballymore Green, Ballymore park, Bally Road

Michael O'Hara

Cashier

S. CAREY  
Principal Officer

Class A  
Road

COMHAIRLE CHONTAE ÁTHA CLIATH

DUBLIN COUNTY COUNCIL

46/49 UPPER O'CONNELL STREET  
DUBLIN 1.

Issue of this receipt is not an  
acknowledgement that the fee  
tendered is the prescribed application  
fee. N 31318

O.  
B.L.  
I.T.

€24.00

Received this 19th day of February 1991

from Mr. Nannan construction Ltd

Cobgreen road,  
Rearment

the sum of twenty four Pounds

Pence, being ten for Planning

application at 15, 16, 17 Ballymore Green, Ballymore Park,

Ballydard

Class 1

Michael O'Hara

Cashier



S. CAREY  
Principal Officer

3 hours

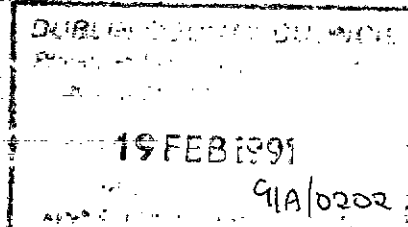
# KEANE MURPHY DUFF

Chartered Architects, Designers & Project Managers



4 Prince's Street South, City Quay, Dublin 2. Telephone: 770077 Fax: 771186  
Ref: NP/SL 18th February 1991

Dublin County Council,  
Planning Department,  
Block 2,  
Irish Life Centre,  
Lower Abbey Street,  
Dublin 1.



Re: Residential Development at Ballowen Park, Ballowen, Lucan/  
Site Numbers 15, 16 and 17, Ballowen Green (Road 6)/  
McNamara Construction Limited

Dear Sirs;

On behalf of our Client, McNamara Construction Limited, we wish to apply for both Planning Permission and Bye Law Approval for a change of house type from previously approved house type.

There has already been two previous Grant of Planning Permission and Bye Law Approvals for these 3 no. sites. The first being part of the original layout (Plan Reg. Ref. No. 888/1768 dated the 20th April 1989 and BBL/938/89 dated the 14th April 1989) which were submitted by Lark Developments Limited and the 2nd Planning and Bye Law Approval which was submitted by McNamara Construction Limited (Plan Reg. Ref. no. 90a/1493 and BBL/3669/90). The basic change from that which was approved consists of a pair of semi-detached houses in lieu of two number detached houses (house numbers 15 and 16) and a revised detached house type.

These house types are identical to those which are already approved by the Planning Authority and are being constructed throughout the remainder of the site.

We are enclosing a cheque for £189.00 as payment of Planning and Bye Law Fees.

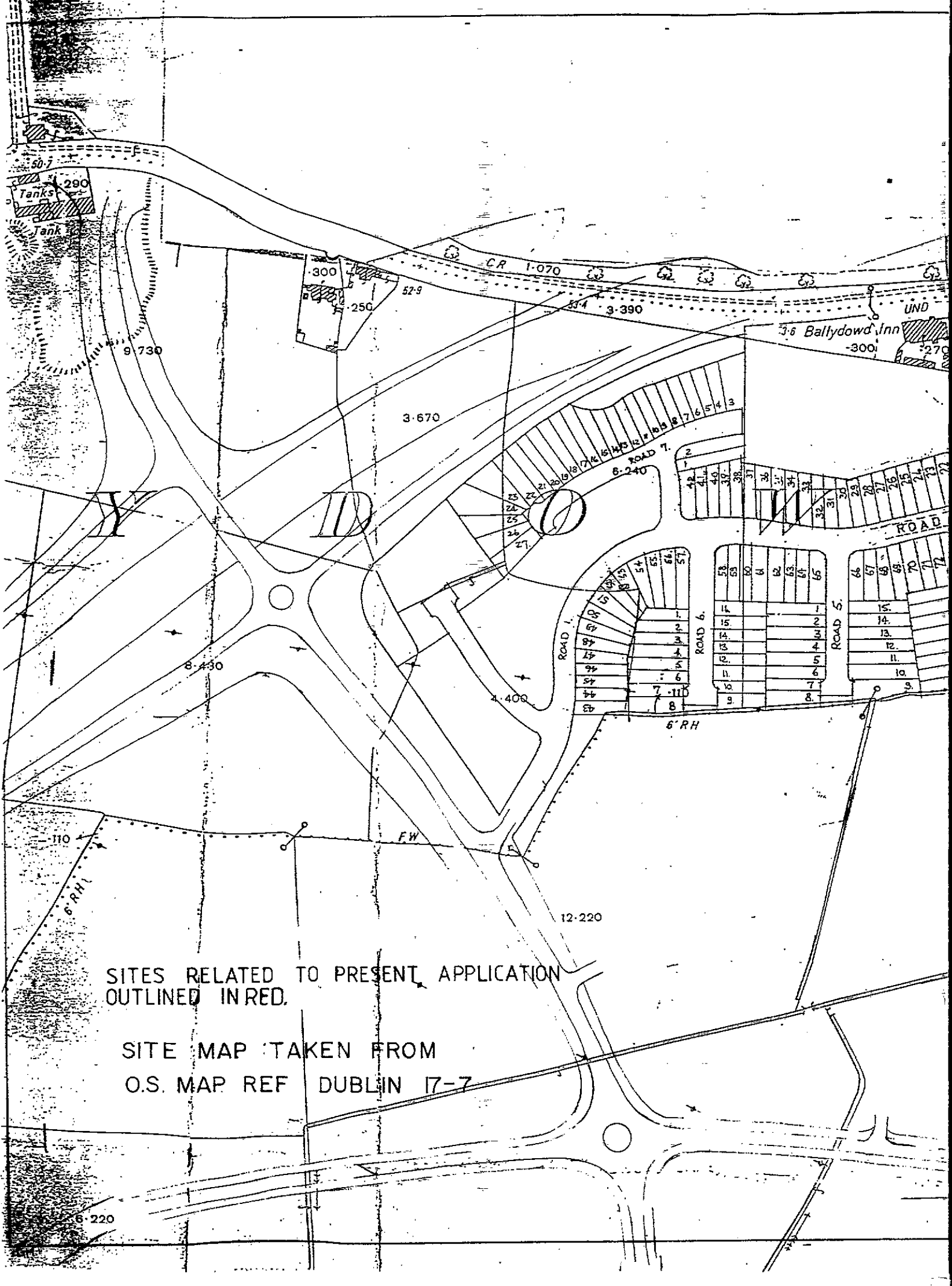
As our Client is most anxious to proceed with the construction of these 3 no. houses, we would be most grateful to receive from yourselves an early favourable decision.

Yours sincerely,

Niall Phelan  
KEANE MURPHY DUFF

C.C. McNamara Construction Limited  
Ian Duff, B.Arch., Dip.A.F., M.R.I.A.I. Noel Murphy, Dip.Arch., A.R.I.B.A., M.R.I.A.I. J.F. Reynolds, B.Arch., M.R.I.A.I., R.I.B.A., Dip. Proj. Man.  
Michael J. Kinsella, B.Arch., M.R.I.A.I., R.I.B.A., Dip. Proj. Man., HNC (B.S.). Eugene F. Dunne, B.Arch., M.R.I.A.I., R.I.B.A.  
Consultant: David Keane, B.Arch., F.R.I.A.I., R.I.B.A., A.C.I.Arb., Barrister-at-Law.  
Associates: D. O'Doherty, R.I.A.I. (Tech). Niall Phelan, R.I.A.I. (Tech), M.B.I.A.T. Colm Reid, B. Arch., M.R.I.A.I., R.I.B.A.

ASSOCIATED PRACTICE: KEANE MURPHY DUFF (Overseas) LTD.

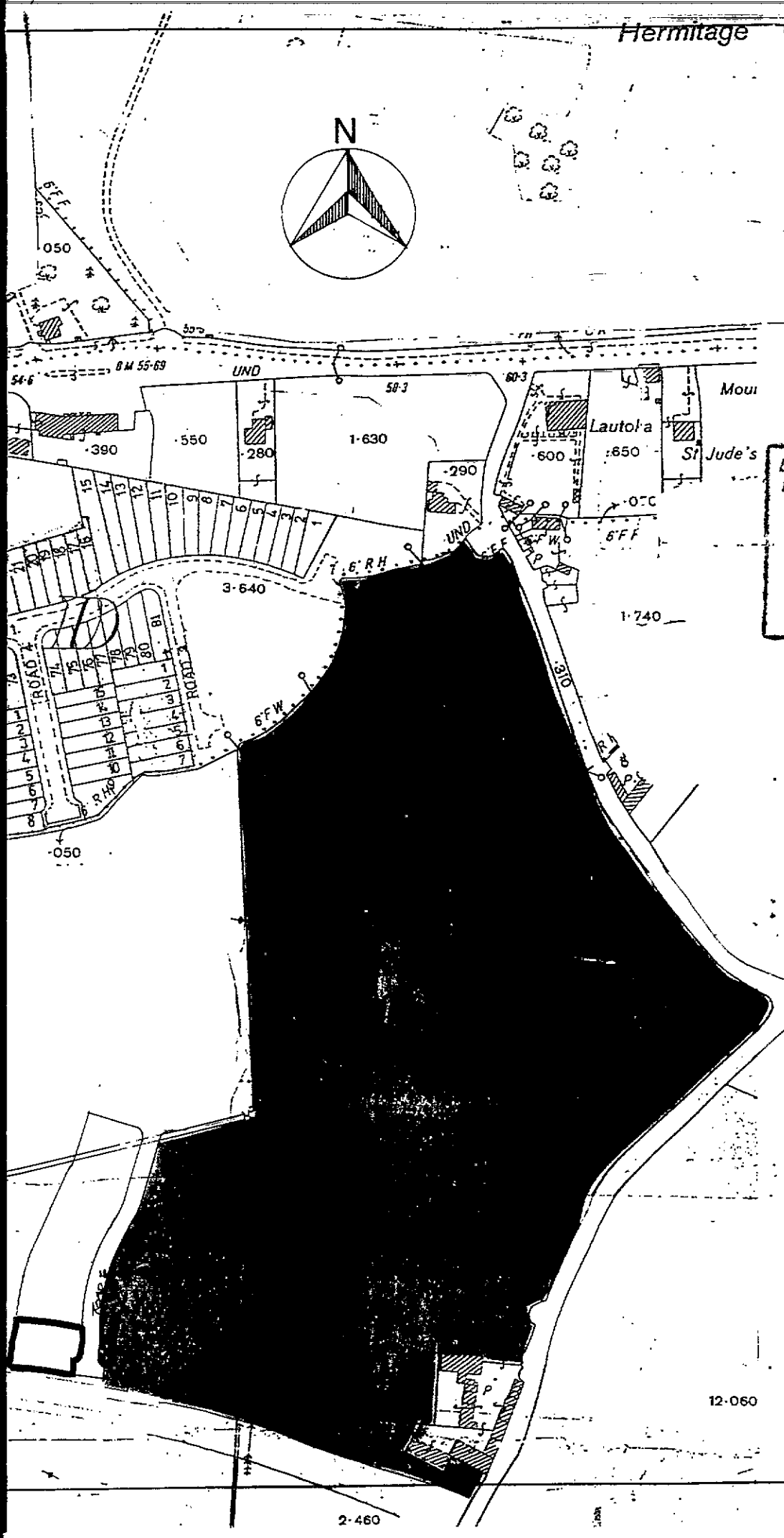
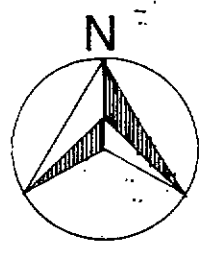


SITES RELATED TO PRESENT APPLICATION  
 OUTLINED IN RED.

SITE MAP TAKEN FROM  
 O.S. MAP REF DUBLIN 17-7

Hermitage

# KMO



DUBLIN COUNTY COUNCIL  
 Planning, Development & Building  
 19 FEB 1991  
 91A/2002

**KEANE  
 MURPHY  
 DUFF**

Chartered  
 Architects

36 FENIAN STREET  
 DUBLIN 2  
 PHONE 611711

RESIDENTIAL DEVELOP  
 MENT  
 BALLYDOWD LUCAN.  
 PENINSULA CONSTRUCTION LTD.

SITE LOCATION  
 MAP

scale	date
1:2500	JAN. 1991

FMH	8851/1	1
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SPECIFICATION for works to be carried out in the construction  
of the houses forming part of the residential development on  
lands at Ballyowen, south of Hermitage Park, Ballydowd,  
Lucan Co. Dublin for Lark Homes Limited

DUBLIN COUNTY COUNCIL  
PLANNING DEPT. REGIONAL SECTION  
19 FEB 1991  
91A/0202

KEANE MURPHY DUFF



GENERAL:

The work described in this specification consists in the supplying of all labour, materials, etc., necessary in the erection of the houses and shall include all items reasonable and obviously to be inferred as necessary though not described in the drawing or specification as the contract is for completely finished works, fully adapted for their purpose. The timber throughout shall be of the approved quality of its respective and various kinds, and native grown where possible, especially where carcasing timbers are concerned. Other materials throughout shall be of Irish manufacture where possible and if available. The entire works shall comply and be completed to the satisfaction of the Local Authority.

INSURANCES:

The contractor and sub-contractors are to insure fully their men under the National Health, Workman's Compensation, Employer's Liability and other Insurance Acts.

SERVING OF NOTICE, ETC.,

Serve all notices on adjoining owners, etc., and pay fees in connection with work or otherwise due, also serve all notices on the Local Authority when starting work and when foundations are ready for inspection.

EXCAVATOR

FOUNDATIONS:

Excavate for foundations to depths and widths as shown on drawings or as may be directed by the Architects to ensure a good solid foundation. Trench bottoms to be properly levelled off in horizontal benches to suit gradient of ground.

DRAINS:

Excavate to the required depth, all necessary cuttings for drains, manholes, Armstrong junctions etc., Pipes to be laid to correct falls.

## EXCAVATION & SITE WORKS

<u>GENERAL EXCAVATION</u> :	Excavate over surface of site of buildings; and paved areas to depth of 150mm and remove surface soil.
<u>FOUNDATION EXCAVATION</u> :	Excavate to the dimensions, levels, lines, and profiles shown on the drawings; or as directed by the Architect.
<u>BEARING STRATUM</u> :	If, in the Contractor's opinion, a bearing stratum is obtained at a lesser depth than that shown on the drawings, he shall inform the Architect.
<u>EXCAVATION BOTTOMS, EARTH</u> :	Level and consolidate the bottoms of excavations in earth.
<u>EXCAVATION BOTTOMS, ROCK</u> :	Trim bottoms of excavations in rock.
<u>FORMATION</u> :	Excavate the last 75mm of earth above formation level immediately before overlying construction is commenced.
<u>TIERING</u> :	Tier surface of sloping ground as directed.
<u>REINSTATEMENT OF EXCAVATIONS</u> :	Reinstate to formation level with approved filling surfaces of excavations which have been rendered unsuitable during the progress of the Works.
<u>ADDITIONAL EXCAVATION:</u>	Any additional excavation required to accommodate the temporary support of sides of excavations shall be provided and backfilled at the Contractor's expense.
<u>UNAUTHORISED EXCAVATION</u> :	Backfill unauthorised or excess excavations with approved filling at no expense to the Employer.
<u>BLASTING</u> :	The use of explosives is not permitted without the written permission of the Architect.
<u>FREE FROM WATER</u> :	All trenches and excavations shall be kept free from water at all times.
<u>INSPECTION</u> :	The Contractor shall notify the Architect when the trenches and other excavations are ready for inspection. On no account shall any concrete be put in until the Architect has expressed himself satisfied with the bottom of the trenches, in writing.

CONCRETOR.

CONCRETE :

Designed concrete mixes shall be in accordance with the following schedule :

Mix	Type	10 N 20	20 N 20
	Reference	A	B
28 day Cube strength $N/mm^2$		10	20
Nominal Maximum Aggregate Size		20 mm	20 mm
Minimum Cement <sub>3</sub> Content Kg / m <sup>3</sup>		250	290
Maximum Cement <sub>3</sub> Content Kg/m <sup>3</sup>		550	550
Maximum Slump mm.		75	50

FINE AND COARSE

AGGREGATE :

Fine and Coarse aggregate shall comply with I.S. 5 1974.

CEMENT :

Use only Normal Portland Cement to I.S. 1.

WATER :

The water to be used in the concrete and mortar shall be clean and free from harmful matter.

RECORDS :

Record the time and date of all concrete cast and retain on site for inspection.

TEMPERATURE RECORDS :

Install a maximum / minimum thermometer in an approved position on site to record air shade temperatures.

Record :

1. The maximum and minimum overnight air temperatures each night.
2. The air shade temperature at three approved times each day.

Retain records of temperature on site for inspection.

WALL TILES :

Metal ties for cavity wall construction shall be galvanised mild steel or stainless steel wall ties.

LINTELS :

Prestressed concrete lintels shall be "Spanlite" type lintels manufactured by Spanlite Limited, Malahide, Co. Dublin or similar equal and approved.

CONCRETE BLOCKS :

Concrete blocks shall comply with I.S. 20.

LAYING BLOCKS :

Ensure the stability of blockwork and brickwork during erection.

Do not lay blocks or bricks while the air temperature is below 2°C on a rising thermometer or below 5° on a falling thermometer.

Build walling in level lifts. Where walling is racked back no part shall rise more than 1.2m above the general level. In facing work complete the lift in one operation and leave no work racked back at the end of each day.

MORTAR BEDS :

Lay solid blocks and bricks on a full bed of mortar and with bed and vertical joints fully filled to a consistent thickness.

Lay blocks and bricks with cross joints in any course not less than one quarter of the length of the unit from those in the course below. Bats shall be used only where required to obtain bond.

Leave toothing to provide for the bonding of future work. Weather tops of projection with mortar.

DUCTS, CHANNELS AND OPENINGS :

Form ducts, channels and openings in walling as the work proceeds.

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1. The maximum and minimum overnight air temperatures each night.
2. The air shade temperature at three approved times each day.

Retain records of temperature on site for inspection.

MINIMUM CASTING TEMPERATURE :

Do not cast concrete while the air temperature is below 2°C on a rising thermometer or below 5°C on a falling thermometer.

FROZEN SURFACES :

Do not place concrete against frozen or frost covered surfaces.

MAXIMUM CONCRETE TEMPERATURE :

Do not place concrete which has a temperature in excess of 30°C without approval.

QUALITY CONTROL :

Take samples of all concrete used on site as directed by the Architect and test for (i) compressive strength at seven days and twenty-eight days and (ii) slump.

TRANSPORTING AND DISCHARGING :

The discharge of ready mixed concrete transported in a truck mixer or agitating truck shall be completed within two hours from the first introduction of the mixing water to the cement and aggregates or the introduction of cement to the aggregates, unless otherwise approved. The discharge of ready mixed concrete transported in non-agitating equipment shall be completed within one hour from the first introduction of the mixing water to the cement and aggregate or the introduction of cement to the aggregates, unless otherwise approved.

PLACING AND COMPACTING :

Formwork and excavations shall be clean and free from water at the time of placing concrete.

Complete each unit of construction or each section of work between construction joints in one operation. Discharge concrete into formwork and excavation in such a way as to prevent segregation or loss of ingredients. Discharge all concrete as close as possible to its final position. Partially hardened concrete or concrete adversely affected by delay or weather shall not be used.

Thoroughly compact all concrete using a method appropriate to the workability of the concrete and the nature of the work. Concrete shall be compacted as soon as practicable after placing. Do not damage adjacent partially hardened concrete.

Mechanical compaction shall be carried out with approved vibration equipment.

Manual compaction shall be carried out with approved tools and may be used in all unreinforced work and elsewhere with approval.

CURING :

Maintain the temperature of the concrete at not less than 5°C for at least forty-eight hours

MINIMUM CASTING TEMPERATURE :

Do not cast concrete while the air temperature is below 2°C on a rising thermometer or below 5°C on a falling thermometer.

FROZEN SURFACES :

Do not place concrete against frozen or frost covered surfaces.

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WALL TILES :

Metal ties for cavity wall construction shall be galvanised mild steel or stainless steel wall ties

LINTELS :

Prestressed concrete lintels shall be "Spanlite" type lintels manufactured by Spanlite Limited, Malahide, Co. Dublin or similar equal and approved.

CONCRETE BLOCKS :

Concrete blocks shall comply with I.S. 20.

LAYING BLOCKS :

Ensure the stability of blockwork and brickwork during erection-

Do not lay blocks or bricks while the air temperature is below 2°C on a rising thermometer or below 5° on a falling thermometer.

Build walling in level lifts. Where walling is racked back no part shall rise more than 1.2m above the general level. In facing work complete the lift in one operation and leave no work racked back at the end of each day.

MORTAR BEDS :

Lay solid blocks and bricks on a full bed of mortar and with bed and vertical joints fully filled to a consistent thickness.

Lay blocks and bricks with cross joints in any course not less than one quarter of the length of the unit from those in the course below. Bats shall be used only where required to obtain bond.

Leave toothing to provide for the bonding of future work. Weather tops of projections with mortar.

DUCTS, CHANNELS AND OPENINGS :

Form ducts, channels and openings in walling as the work proceeds.



CAVITY WALLS:

Keep cavities and ties free from mortar and debris.

Form weep holes at intervals not exceeding 900mm in vertical joints at the base of the cavity.

Set wall ties in mortar joints to a depth not less than 50mm in each leaf.

Space wall ties in cavity walls at 750mm horizontally and 450mm vertically.

Bed ends only of sills and point horizontal joint for full length of sill with mortar to a depth of 20 mm.

MORTAR :

The proportions of constituents of mortar mixes shall be in accordance with the following schedule. Measure constituents by volume using clean gauge boxes of an appropriate size: The proportions of sand are based on the use of dry sand. Adjust the proportion of sand for bulking due to moisture content. If admixtures are used, the proportions should be further adjusted in accordance with the manufacture's written instructions.

Mortar Mix	Cement	1
	Lime	2
	Sand	9

Cement shall be ordinary Portland Cement to I.S.I.

Lime shall be Hydrated Lime to I.S. 8

Sand shall be to B.S. 1200.

DAMP PROOF COURSES :

Slate D.P.C.s and cavity closures shall comply with B.S. 743. Or, Bitumen D.P.C.s with hessian base shall comply with I.S. 57

LAYING D.P.C. :

Lay two courses of slates breaking joint, as a damp proof course for the full width of the wall or for the full width of each leaf of a cavity wall. Lay each course on a full bed of mortar.

Lay flexible damp proof course in a continuous strip on a full bed of mortar for the full width of the wall or for the full width of each leaf in a cavity wall. Lap 150 mm at joinings and the full width at angles and junctions.

Provide a damp proof course at the base of external walls not less than 150 mm above the adjacent finished level of external ground or paving.

Provide a flexible damp proof course under sills for the full width of the sill bed and turn up at back and ends of the sills to the full depth.

Provide a damp proof course under copings and cappings.

Provide a damp proof course at the base of parapet walls not less than 150 mm above junction with horizontal and sloping surfaces.

Provide a flexible damp proof course in one piece spanning the cavity over the openings in cavity walls and extending not less than 100 mm beyond the ends of the lintel. Slope the damp proof course downwards to the exterior and carry it through to the outer face of the external leaf.

Provide a flexible damp proof course in a continuous strip set vertically in jambs of openings in cavity wall construction.

Provide a stepped flexible damp proof course in chimney stacks 150 mm above the highest point of intersection with roof.

Provide a damp proof course at base of chimneys, level with the damp proof course in the adjoining walls.

FLUES :

Clay flue liners shall be 225 mm and socket flue liners to comply with I.S. 51.

FILLING :

Fill around flue liners with lime mortar and suitable broken concrete blocks or bricks.

FLUE TERMINALS :

Set flue terminals vertically in mortar and in true alignment with the flue and embed to a depth of 150 mm minimum, excluding the thickness of the flaunching or one quarter the length of the terminal, whichever is the greater. Project flue terminals 50 mm above highest point of flaunching.

LIABILITY

The Contractor shall take all responsibility for smoke being satisfactorily drawn by the flue.

## DRAIN-LAYERS

### DRAINAGE:

The plans indicate the extent of drainage required in the contract. All drains shall be laid at the beginning of the contract, and shall be left open for inspection by the Architect and until they have been properly tested and finally approved. Each pile shall be properly bored in so that the invert is to a true and even gradient and special care shall be taken that any extra excess cement, etc. is neatly cleaned off while each joint is being made.

### EXCAVATION & BEDDING:

Excavate for drain trenches to the widths and depths required to even and regular falls and well ram bottoms to receive concrete beds. Lay 100mm thick concrete beds three times the width of the drain pipes and flaunch up to half the height of the pipes each side after testing. Increase size of concrete beds or encasings and properly pack around all gully traps and rising pieces, etc. Cut or leave holes through walls for passage of drainpipes as required and make good.

### DRAINS:

All pipes, gullies etc., for soil drains shall be an approved pvc.

Pipes and accessories laid on gravel, all in strict accordance with manufacturer's instructions.

### RAINWATER GULLIES:

Rainwater gullies and gratings shall be of an approved pvc.

### ARMSTRONG JUNCTIONS:

To be of an approved pvc.

### MANHOLES:

Excavate for and build manholes of 225mm concrete sides, 150mm bottom and 150mm r.c. tops to the dimensions shown on the drawings. Provide and set all channels, bends, etc., in first quality glazed stoneware or pvc properly or neatly cut to fit and render and float inside faces of walls and benching with cement compo. 3 to 1 mixed with an approved waterproofer. For cleaning and rodding purposes no manhole shall be more than 90 mm apart.

ROAD GULLIES :

Where shown on drawings fit precast concrete road gullies complying with B.S. 556 or a chamber of 100mm solid concrete blockwork with internal dimensions of 450mm x 300mm x 750mm deep and having a 150mm insitu concrete floor. The outlet of the gully shall be 150mm diameter set a minimum of 375mm above the floor of the chamber. Gully gratings shall comply with B.S. 497, Grade E.

COVERS & FRAMES :

Provide and set in position to all manholes galvanized manhole covers and frames to B.S. 497 : 1952, grade A, B, or C as specified on the drawings.

TESTING :

Contractor shall supply all labour and appliances and shall carry out all tests when required to do so by the Architect, and in any case the drain shall be tested by water tests to the satisfaction of the Architect before being covered in and again afterwards. All pipes are to be subjected not less than 5 foot head of water at the highest point of the section under test. All defective parts of work are to be taken up and relaid.

CLEANING :

At completion of the works the Contractor shall ensure to the satisfaction of the Architect, that all sewers and drains within the site are clean and free from obstructions.

TIMBER FOR CARPENTRY :

Stress graded softwood shall be graded in accordance with B.S. 4978, and its species shall comply with C.P. 112 and be as follows :

Use	Species	Origin	Stress Grade
Trussed Rafters Floor Joists	Whitewood	Imported European	G.S.

The species group and stress grade shall be marked on the timber.

All other timber for carpentry shall be home grown Norway Spruce or Sitka Spruce Grade : N.S.

Timber shall be free from major defects and such other defects as are likely to impair its intended use.

TIMBER FOR JOINERY :

Softwood for joinery shall comply with B.S. 1186 Part 1, Appendix A;  
Species : European Redwood for external Joinery.  
European Whitewood for internal joinery.

ANCHOR STRAPS :

Anchor straps to roof joists shall be galvanised mild steel, 25mm wide X 3mm thick X 450 long, twisted and drilled with 6 no 6mm diameter holes for nailing.

MOISTURE CONTENT :

The maximum moisture content of timber at time of fabrication and installation shall be:

Use	Moisture Content
All carpentry	22%
External joinery	17%
Internal joinery	15%

TIMBER SIZES :

Timber dimensions in general, which are shown on the drawings or referred to elsewhere, shall be basic sawn sizes, unless otherwise indicated. Timber dimensions for joinery items or components shown on the drawings or referred to elsewhere shall be finished sizes, unless otherwise indicated.

GENERAL TOLERANCES :

The permissible dimensional deviations for timber work generally shall be as follows :

Level : for any nominally horizontal surface when measured from the nearest reference level :  $\pm 10$  mm.

Position on plan : for the position of any nominally vertical surface, at the lower edge, when measured horizontally from the nearest reference line :  $\pm 10$  mm.

Plumbness : for plumb of upper to lower edges of any nominally vertical surface :  $\pm 2$  mm in any 1 m but not more than 10 mm overall.

CROSS SECTION, BASIC SIZES :

The permissible dimensional deviation from the basic cross-sectional sizes of sawn softwood timber, measured at 20% moisture content, shall be as follows :

Thickness and widths not exceeding 100mm :  $\pm 3$  mm.

Thickness and widths exceeding 100mm :  $- 2$ mm,  $+ 6$  mm.

Minus deviations shall not be permissible in more than 10% of the pieces.

DISTORTION :

Distortion in timber due to bow, spring, twist and cup shall be measured in accordance with B.S. 4978 and shall not exceed limits :

BOW	SPRING	TWIST	CUP
Half the thickness in any 3m length	15mm in any 3m length	1mm per 25mm of width in any 3m length.	1/25th the width

FLOOR LEVELS :

The permissible deviation in the level of the finished surface of any floor at any point under

a 3m straight edge placed level in any direction shall be 5mm.

FLATNESS :

The permissible deviation in flatness of a finished surface at any point under a 1m straight edge placed on the surface in any direction shall be 2mm without any abrupt changes.

FINISHED SIZES :

The permissible deviation from the finished sizes of timber shown shall be  $\pm 0.5$  mm.

JOINERY SURFACES :

All surfaces of joinery items or components shall be wrought unless otherwise indicated.

WORKMANSHIP / PREPARATION / STORAGE GENERALLY :

Store timber and timber products protected from the weather, clear of the ground and supported to prevent distortion. If stored in the open or in damp air conditions enclose completely with a suitable covering to prevent deterioration and provide for air circulation and ventilation.

VACUUM PRESSURE TREATMENT :

Timber shall be vacuum pressure treated with copper / chrome / arsenic water-borne preservative to comply with I.S. 131 to give a net dry salt retention of not less than 4.0 kg/m<sup>3</sup>. Treatment shall be carried out by an approved specialist firm.

DOUBLE VACUUM TREATMENT :

Timber shall be double vacuum treated with an organic solvent preservative to comply with B.S. 5263 Part 5 for the proposed use and the durability of the timber. Treatment shall be carried out by an approved specialist firm.

RE- DRYING :

Before fabrication or installation, redry to the specified moisture content, timber which has been impregnated with copper/chrome/arsenic by vacuum pressure treatment.

TREATMENT CERTIFICATE :

Provide a certificate from the processor with each consignment of the timber stating :

1. The preservation treatment carried out.
2. The moisture content of the timber prior to treatment.

WORK AFTER TREATMENT :

Liberal brush pre-treated timber with two coats of a compatible preservative supplied by the manufacturer or processor on any fresh surfaces exposed by drilling or cross cutting after treatment. Treated timber subsequently rip-sawn and timber for use in ground contact which has been drilled or cut, shall be re-treated by the specified process.



METAL FITTINGS :

Do not apply any metal fittings to timber treated with copper/chrome/arsenic within seven days of treatment.

SCHEDULE OF PRESERVATION TREATMENT :

Preservation treatment of timber shall be in accordance with the following schedule :

Timber location or Use - Treatment

Roof timbers, wall plates, Vacuum floor joists, slating pressure battens. Soffits and treatment. fascias. Fences, gates, and gateposts.

External door Joinery. Double vacuum treatment.

CONTINUOUS LENGTHS :

Install timber members in continuous lengths without splices where possible, unless otherwise shown or approved.

BEARING SURFACES :

Ensure full contact of surfaces over the area of joints and over the area of other bearing surfaces.

WALL PLATES :

Install wall plates level with joints halved and lapped where in one thickness, and sufficiently lapped where in two thicknesses. Set in a full bed of cement mortar over masonry or concrete bearing walls.

WALL PLATE ANCHORS :

Secure wall plates to walls with tie-down anchors fixed at not more than 900mm centres.

JOISTS GENERALLY :

Space joists at least 50mm clear of flanking masonry or concrete walls. Lay joists with crown or convex side of any camber upwards.

JOISTS :

Fix joists at 400mm centres, unless otherwise indicated. Skew nail each end to wall plates with two 100mm, 4.5mm diameter round plain head nails.

BUILT-IN MEMBERS :

Allow a clear space of at least 10mm at sides and ends of joists, beams and other members where built into masonry or concrete supporting structure, and provide a minimum bearing of 75mm at supports, unless otherwise indicated.

TRUSSED RAFTERS :

Where shown on drawings fit timber trussed rafters to I.S. 193P (amended).

Trussed rafters shall be manufactured by a fabricator approved by the Architect. Fix trussed rafters to wall plates by means of approved galvanized steel straps.

HOLES IN JOISTS :

Drill holes where required in joists, centred at half the depth only and with diameter limited to one-third of the joist depth, and a minimum distance of 150mm from edge of hole to end of joists, unless otherwise indicated.

NAILS AND SCREWS :

Unless otherwise indicated, the length of nails used shall be not less than twice, and screws not less than  $1\frac{1}{2}$  times, the thickness of the member through which they are driven, but they shall not be longer than the combined thickness of the sections being joined, less 5mm.

FIXING GENERALLY :

Do not insert nails or screws in any end split. Where nailing may cause splitting, pre-bore holes. Drill pilot holes for non-ferrous nails in hardwood. Bore lead for all screws.

TRIM WORK :

Install trims and skirtings where possible in unjointed lengths between angles or in straight runs. Mitre exposed angle joints. Scribe timber sections to adjoining uneven surfaces.

NAIL & SCREW HEADS :

Punch nail heads below surfaces of timber sections to be painted on requiring a smooth surface. Countersink screw heads not less than 2mm below surfaces of timber sections in trim work to allow for stopping.

JOINERY ASSEMBLY :

The quality of workmanship in joinery shall comply with B.S. 1186 Part 2 for requirements as to fit, precision of joints and the use of adhesives, unless otherwise indicated. Construct joinery as shown on the drawings unless otherwise approved.

The drawings show the final appearance of the work in outline rather than the complete construction. Obtain approval of proposed construction details before starting fabrication.

ARRISES :

Slightly round sharp arrises on exposed and semi-concealed surfaces.

ANGLE JOINTS :

Mitre exposed angle joints unless otherwise indicated.

SCREW FIXING :

Provide matching clearance holes in addition to lead holes for screws.

PROTECTION :

Provide temporary protective covering for joinery during the construction period.

ADHESIVES :

Apply adhesive in accordance with the manufacturer's written instructions, and within any stated shelf life. Maintain mating surfaces in intimate contact to ensure adhesion within the setting time.

DOWELS :

Use dowels or hardwood other than beech, grooved for adhesive and sized for a driving fit.

PLASTERING AND RENDERING

SAND : Sand for rendering shall comply with B.S. 1199.

LIME : Hydrated lime shall comply with I.S. 8.

CEMENT : Normal Portland Cement shall comply with I.S. 1.

GYPSUM PLASTERS : Use the following lightweight plasters to comply with I.S. 27 part 2:

Undercoating plaster 11mm thick to all internal block walls.

Bonding plaster 11mm thick to concrete ring beam.

Finishing plaster 2mm thick to gypsum plaster undercoats.

Board finishing plaster skim finish to plasterboards.

Use bonding agents for internal work as recommended by gypsum plaster manufacturer.

COLD WEATHER : Do not work while the air shade temperature is below 2° on a rising thermometer or below 5°C on a falling thermometer. Ensure that the temperature of coatings remains above 4°C for at least 24 hours before setting.

EXTERNAL RENDERING : Render all external walls with cement : lime : Sand mixed in the proportions shown

3 - 5mm Scud Coat : 1:0:2

15mm Undercoat : 2:1:8

10mm Final Coat : 1:1:6

The final coat shall be finished to a Kwapp finish to match an approved samp

WORKMANSHIP : Keep plant and tools clean and free from contamination by previous mixes.

Do not commence internal plastering in any area until it is protected at all times from the adverse effects of weather.

Avoid premature or localized drying of coatings.

EMBEDDED METAL : Ensure that all metal items to be embedded in plaster and cement rendering are non-corrosive.

TOLERANCES :

The permissible deviation under a 2m straight-edge from the flatness of the finished plaster at any point shall not be more than 3mm.

THICKNESS OF PLASTERWORK AND

RENDERING :

The permissible deviation for the thickness of plasterwork and rendering, exclusive of dubbing out coats, shall be as follows :

TYPE	NOMINAL THICKNESS (mm)	PERMISSIBLE DEVIATION (mm)
Undercoats (Gypsum)	11	+ 2
Finish (Gypsum)	2	+ 1, -0
Scud Coat (External)	3 - 5	+ 1
undercoat (External)	15	+ 2
Final Coat (External)	10	+ 2

PREPARATION OF BACKGROUNDS :

Expose the sub-surface of the background area by hacking or other mechanical means to an even depth of approximately 3mm. Wash and brush after exposure.

Remove all unwanted projections from background surfaces.

Sprinkle very dry surfaces of concrete or brickwork with water and allow to soak in before coating.

DUBBING OUT :

Dub out, where necessary, in separate coats each of not more than 10mm in thickness and in same mix as the first specified coat. Scratch surface of each coat immediately after it has set.

SCUDDING :

Ensure that surfaces are clean and damp before scudding with a mix of one part cement to two parts of coarse sand of a consistency of thick slurry. Dash on the mix to give a coating with a rough uneven finish. Keep the mixture well stirred during the operation. Allow the coating to dry out slowly and harden before the application of undercoat.

FIXING METAL LATHING GENERALLY :

Fix metal lathing with the long way of the mesh

running from support to support. Fix ribbed lath with the ribs towards and across the supports. On timber bearers fix with 38 mm long galvanised nails or staples at 100 mm centres. Lap ends not less than 50mm. Sheets shall be lapped and securley tied together with tying wire. Side laps shall not be less than 25mm and wired together at 150 mm centres. The lath shall be as taut as possible. Bend cut ends of fastening wire away from plaster face.

#### ANGLE BEADS

Use metal angle beads at all external corners of internal plastering.

#### FIXING BEADS AND STOPS

Fix beads and stops, plumb square and level, unless otherwise indicated. Secure with plaster dabs, 38mm long clout nails, masonry nails or tying wire as required by background, at not more than 600 mm centres. Fix angles by pairing fastenings at each side of angle.

#### EXPANSION BEADS

Fix expansion beads centred over background expansion joints with plaster dabs or galvanised 38 mm clout nails at not more than 600 mm centres on each side in accordance with the manufacturer's instructions.

#### DISSIMILAR BACKGROUNDS

At junction between dissimilar backgrounds in the same plane and to receive the same coating, fix metal lathing over building paper with suitable fastenings for each background. At single junctions lathing shall not be less than 30 mm wide, fixed each edge at 100 mm centres.

#### STORAGE GENERALLY:

Store hydrated lime under dry ventilated conditions, protected from the weather, on a raised floor or in suitable silos.

Store admixtures and pigments in accordance with the manufacturer's written instructions.

Store different aggregates separately on hard self-draining areas or in suitable hoppers or containers.

Store ready mixed sand-lime on a clean impermeable surface under weatherproof conditions. Avoid prolonged storage before use.

#### MIXING GENERALLY

Do not mix Portland cement and gypsum plaster together.

Mix plastering and rendering materials thorough to incorporate all the constituents of the mix.

Wash out mixer after each batch has been discharged if the mixer is not in continuous use.

7 21.  
Mix materials on clean bankers or in clean mixing boxes which shall be washed out after each mixing.

COARSE STUFF :

For coarse stuff (lime-sand mix), mix hydrated lime and sand dry. Add water and mix to a workable consistency. Store coarse stuff on a clean impermeable surface. Do not use for sixteen hours after adding water.

SCRATCHING :

Scratch undercoats to provide key for subsequent coats. On three-coat work form a deep key coat with a wooden scratch. Use a fine wire scratch on all other undercoats.

UNDERCOATS :

Remove dust and loose particles from each undercoat by brushing, and wet lightly and uniformly if surface is porous and dry before application of the following coat.

COATING PROPRIETARY LATHING :

Apply coating to proprietary lathing in accordance with the manufacturer's written instructions.

COATING ON METAL LATH :

Work undercoat well into interstices. Apply coating uniformly and with sufficient pressure to form a good key and allow to become firm before scratching for key. Do not apply second undercoat until the first undercoat is thoroughly dry.

IDENTIFICATION OF GROUNDS :

Provide location identification of fixing grounds which may be obscured by plastering work.

GYPSUM PLASTERING - MIXING :

Do not add materials other than water to premixed lightweight plasters, and mix in accordance with the manufacturer's written instructions.

SCRIMMING PLASTERBOARD :

Scrim all plasterboard intended to receive gypsum plaster coating as follows - :

1. At all junctions with dissimilar materials which are to be plastered.
2. At external and internal angles, except where plaster stops, beads or other accessories are fitted.
3. At all joints between boards in the same-plane except in the case of gypsum lath.

Use neat gypsum board finish or lightweight bonding plaster and 100 mm jute scrim cloth. Press scrim well in, trowel smooth and allow to dry before applying first coat of plaster.

PLASTERING ON GYPSUM LATH :

Fill the joints between the rounded edges of gypsum lath with neat gypsum plaster similar to

the following coat, and finish flush. Allow to set, but not dry out, before applying the following coat.

EXTERNAL WALLS:

225mm hollow concrete block walls

WINDOWS:

Purpose made timber windows of Irish manufacture, all windows to be carefully set in position before plaster jamb linings are fixed and pointed around with 3 : 1 cement / sand. Hardwood windows to front, soft wood to rear and sides.

DOORS:

Selected hardwood front entrance door and aluminium double sliding doors at rear. Softwood side door.

INTERNAL DOORS:

All internal doors to principle rooms to be 50mm nominal flush (and in accordance with ISS: 48/55 stamped as such) hung on specially prepared frames. All doors to be hung on one pair of 4" butt hinges.



GENERALLY :

The work described in this specification shall include all jointing material, copper nails, oak and lead wedges, wall hooks, tacks, lead collars, felt underlays, etc., necessary to make the construction perfect and complete.

LEAD :

The sheet lead shall be uniform thickness free from all defects and neatly dressed without injury to the surfaces. Solder shall not be used on roof work and all nailing shall be done with copper nails.

CHIMNEY GUTTERS ETC :

Gutters behind chimney shall be 150mm wide at narrowest part, of 5lbs lead, dressed over tilting fillet and turned up 150mm against vertical face dressed 100mm around returns of chimney and covered with 5lbs lead flashing as before. The apron in front of the chimney shall be of 5lbs lead 300mm width and the upper edge dressed at right angles and secured into joint in brickwork and lower neatly dressed on top of slates for about 150mm and dressed 75mm around returns of chimney.

SANITARY FITTINGS :

Sanitary fittings shall be as follows:

(a). Wash - hand basins:

550mm X 400mm white V/china wash hand basins (Avon or similar) with pedestals, 13mm c.p. hot and cold pillar taps 35mm c.p. plug waste, chain and stay.

(b). W.C.'s :

11 litre white V/china (Stylus or similar) low level W.C. cisterns with internal overflow flush bend and flush pipe connector, white V/china S trap closets (Nisa or similar) and single black bakelite seats and covers.

(c). Baths :

1 650mm White P.E. Cast Iron Rectangular bath (Richmond or similar) with 18mm c.p. hot and cold pillar taps, 30mm c.p. overflow, 40mm c.p. plug waste and chain and 40mm bath P trap,

(d).

13mm c.p. hot and cold high necked pillar taps together with all necessary waste and connector pipes, etc., for kitchen sink units.

All connectors, pipes, waste, etc., for the above to be provided and fixed to Architect's approval. Samples of any of the above items to be made available to the Architect on request for his approval.

PLUMBING & HEATING CONTD

TESTING :

The whole of this plumbing and heating work shall be tested to the Architect's satisfaction and left in perfect order. The Contractor shall demonstrate by testing the boiler, indirect cylinder, radiators and to show that the installation is functioning efficiently in each house.

INSULATION :

Lag all pipes, including overflow and expansion pipes, in roof space with an approved pipe insulation. Lag all water storage cisterns with approved insulation material and fit a fibreglass lagging jacket to the hot water cylinder.

## WATER MAINS.

### WATERMAIN PIPES :

Lay the water mains where shown on drawings in 110mm Polyethylene pipe 710 type to I.S. 135:1975 or 100mm Unplasticised PVC to I.S. 123:1964.;

### SERVICE PIPES :

Lay 12mm internal diameter service pipes to each house in one of the following :

Annealed Copper complying with B.S. 2871 Part 1, Table Y.

Polyethylene pipe 425 type complying with I.S. 134:1965, Heavy Gauge.

Polyethylene pipe 710 type complying with I.S. 135:1975.

### COVER TO PIPES :

Watermain pipes shall have a minimum cover of 900mm. Service pipes shall have a minimum cover of 600mm.

### PIPE LAYING :

Maximum trench width shall be the pipe diameter plus 600mm. Pipes shall be laid on a 50mm bed of fine grained material consisting of sand gravel or soil passing a 9.5mm sieve. Similar material shall be placed around and over the pipe for a cover of 100mm. Selected fill free from stones greater than 25mm in size, rubbish, tree roots, vegetable matter and lumps of clay greater than 75mm in size shall be used to fill the next 300mm.

### PIPE JOINING :

Joints shall be formed by an approved method recommended by the pipe manufacturers. Rubber sealing rings, where used, shall comply with B.S. 2494, Part 1.

### PIPE ANCHORAGE :

Concrete anchor blocks shall be provided on water-mains at dead ends, tees, bends, of greater curvature than  $22\frac{1}{2}$  and at both sides of a sluice valve chamber. Anchor blocks shall encase the pipe in concrete to a minimum thickness of 150mm all round and shall be a minimum length of 600mm.

### SLUICE VALVES :

Sluice valves shall comply with B.S. 1218. The depth of the sluice valve spindle below finished ground level shall not exceed 300mm. S.V. identification plates shall be provided on concrete markings posts to I.S. 162 : 1968.

### HYDRANTS :

Hydrants shall comply with B.S. 750 screw down type. The depth of the hydrant outlet shall not exceed 200mm below finished ground level. Hydrant identification plates shall be provided on concrete post to I.S. 162 : 1968.

STOPCOCKS :

A stopcock shall be provided on each service pipe in the footpath immediately outside the boundary of each house. Stopcocks shall comply with B.S. 1010. The depth of the stopcock spindle shall not exceed 200mm below finished ground level.

CHAMBERS FOR STOPCOCKS :

Chambers for stopcocks shall comply with B.S. 1185.

CHAMBERS FOR SLUICE VALVES :

Chambers for sluice valves and hydrants shall be constructed in 225 solid concrete blockwork on a 100mm thick concrete floor.

SURFACE BOXES:

Hydrant, sluice valve, and stopcock chambers shall be provided with cast iron surface boxes. Surface boxes for sluice valve and stopcock chambers shall comply with B.S. 1426 and 3461, Type M.

ALTERNATIVE MATERIALS:

The Builder reserves the right at his absolute discretion to substitute alternative materials or methods of construction of a similar nature and cost as approved by the Architect responsible for the scheme to those described in the drawings or this specification and to alter the plans or elevations if made necessary by such change of materials or method or by legislative enactments or in order to conform with Local Authority or Department of Local Government Requirements.

INTERPRETATION OF SPECIFICATION:

The Show House on the development shall be the detailed interpretation of this specification since this specification is of an outline nature.

DISPUTES:

Any dispute arising between the contracted purchaser and builder shall be settled by the Architect for the development whose decision shall be final and binding on both parties.

GENERAL :

The electrical installation must be carried out to the satisfaction of the Architects. The electrical installation is to form part of the general building contract and the responsibility for carrying out the work to a satisfactory conclusion is borne by the building contractors. The contractor shall supply all materials and labour necessary for the complete electrical installation as herein specified.

SUB-CONTRACTORS :

Where it is proposed to sub-let the contract for the electrical installation, only electrical contractors of good standing will be permitted to undertake the work. Before the installation is commenced it will be necessary to obtain the Architect's approval of the electrical sub-contractor. The Architect may also require information about the arrangements and work schedule for completion of the works.

STANDARDS :

All electrical works must comply with the latest edition of the "National Rules for Electrical Installations" published by the Electro Technical Council of Ireland, Ballymun Road, Dublin 9, and available from the Secretary of that body.

MAINS :

The electricity supply mains will be erected by the Electricity Supply Board and do not form part of this contract. Single phase current is required.

POSITIONS OF POINTS :

The approximate positions of lights, switches and socket outlets are given in the relevant drawings. These positions may be altered on site, with the approval of the Architect.

WIRING ROUTES :

Mains and wiring routes are to be ascertained by the contractor at an early stage so that, where possible, ways and chases in masonry walls are to be left to receive them to save unnecessary cutting away.

NOTICE TO E.S.B. :

The contractor and, where applicable, the electrical sub-contractor shall consult at an early stage with the local Group Engineer of the E.S.B. to arrange for service and meter position. A meter cabinet to E.S.B. specification shall be provided.

INSPECTION OF WORKS & MATERIALSDURING PROGRESS :

All materials to be used on this contract shall comply with the relevant standard specification (Irish British or equivalent harmonised standard published by the appropriate authority of a member

State of the European Communities ) for electrical materials and be available for examination by the Architect or his specified representative at any time during the progress of the contract. If requested samples of materials must be forwarded to the Architect before commencing work. Any departure from the specification or the approved samples without written confirmation from the Architect may also cause certification of the installation to be refused.

EXAMINATION ON COMPLETION

OF WORK :

The Architect shall be notified when the electrical installation has been completed. No house will be taken over unless the electrical installation has been certified by the Architect or his authorised representative and, a Completion Certificate as approved by the Electro Technical Council of Ireland shall be submitted for each installation. Sight of the certificate shall be required by the E.S.B. before supply is connected.

CABLES :

All cables are to be stranded or solid core cables, and to conform to BS 6004 or an equivalent harmonised standard published by the appropriate authority of a member State of the European Communities and the sizes of the cables to be installed are as follows :

Lighting Circuits	1.5mm <sup>2</sup> PVC/PVC Cable.
Socket Outlets do	2.5mm <sup>2</sup> twin core flat PVC/PVC cable with ECC
Cooker Circuits	6mm <sup>2</sup> twin core flat PVC/PVC cable with ECC
Immersion Group Circuit	2.5mm <sup>2</sup> twin core flat PVC/PVC cable with ECC
Earthing and Neutralizing leads	6mm <sup>2</sup> PVC insulated (green)
Tails to E.S.B. meter and service fuse	10mm <sup>2</sup> PVC/PVC

The minimum size flexible cable permitted is 0.75mm<sup>2</sup>.

Junctions in wiring shall only be made in suitable ceiling roses, switch boxes or approved junction boxes "Dry" or soldered joints will not be permitted. Slack cable shall be left at the back of ceiling roses switches and fuseboards to facilitate inspection, testing and maintenance. Sufficient slack cable should be left behind the fuseboards to

permit any circuit to be transferred to another fuse.

WIRING :

The wiring of each final sub-circuit shall be electrically separate from that of every other final sub-circuit. The wiring for the lighting and socket outlets will be effected in cable concealed under the floorboards or in the attic. Joists may not be grooved, except where specifically authorised by the Architect, the holes must normally be bored through the centre of the joists. Holes through joists shall be bored horizontally and before joists are erected. Boards for access to electrical wiring should be screwed, the tongues having been first removed. In solid walls all switches and socket outlet drops shall be enclosed in approved plastic conduit fully recessed in walls. Where necessary cables to be fixed with buckle clips spaced 250mm apart horizontally or 400mm apart vertically.

The contractor and where applicable the sub-contractor shall provide all chases for conduit and recesses for switch boxes and socket outlet boxes.

Access shall be provided to all junction boxes where used.

CONDUIT :

In solid walls oval approved plastic conduit shall be sunk in the wall for each switch drop and socket outlet.

EARTHING :

Earthing shall be in accordance with the "National Rules for Electrical Installations" published by the Electro Technical Council of Ireland. Requirements for bathrooms, earthing systems, etc are covered in this publication. A separate 2.5mm earth wire shall be run directly to earth the bath and the metallic hot, cold and waste pipes shall be bonded thereto. Where there is a gas service pipe it shall be bonded at its entry points by means of a stranded 4mm insulated conductor bonding the main earth terminal of the electrical installation.

FUSEBOARDS. :

The fuseboard shall be a bakelite DZ pattern mounted on an incombustible surface, e.g. asbestos faced and incorporating the following :

- a. consumers main fuse 50 amp
- b. main isolating switch  
or circuit breaker (single pole) 60 amp minimum
- Cooker circuit 35 amp



BOUNDARIES:

Low rendered concrete block wall with brick coping to front boundary wall. Concrete bollards with chains and hedging separating front gardens. Timber fence to rear.

VENTS:

Permanent vents to be formed in walls of all habitable rooms. 6,500 mm<sup>2</sup> gross sectional area.

PORCHES:

Concrete roof tiles on timber battens on felt on timber supports on brick screen porch walls with timber ornamental posts.

UTILITY SERVICES:

All site services to be provided underground in 1.5 M wide zone in footpath area.

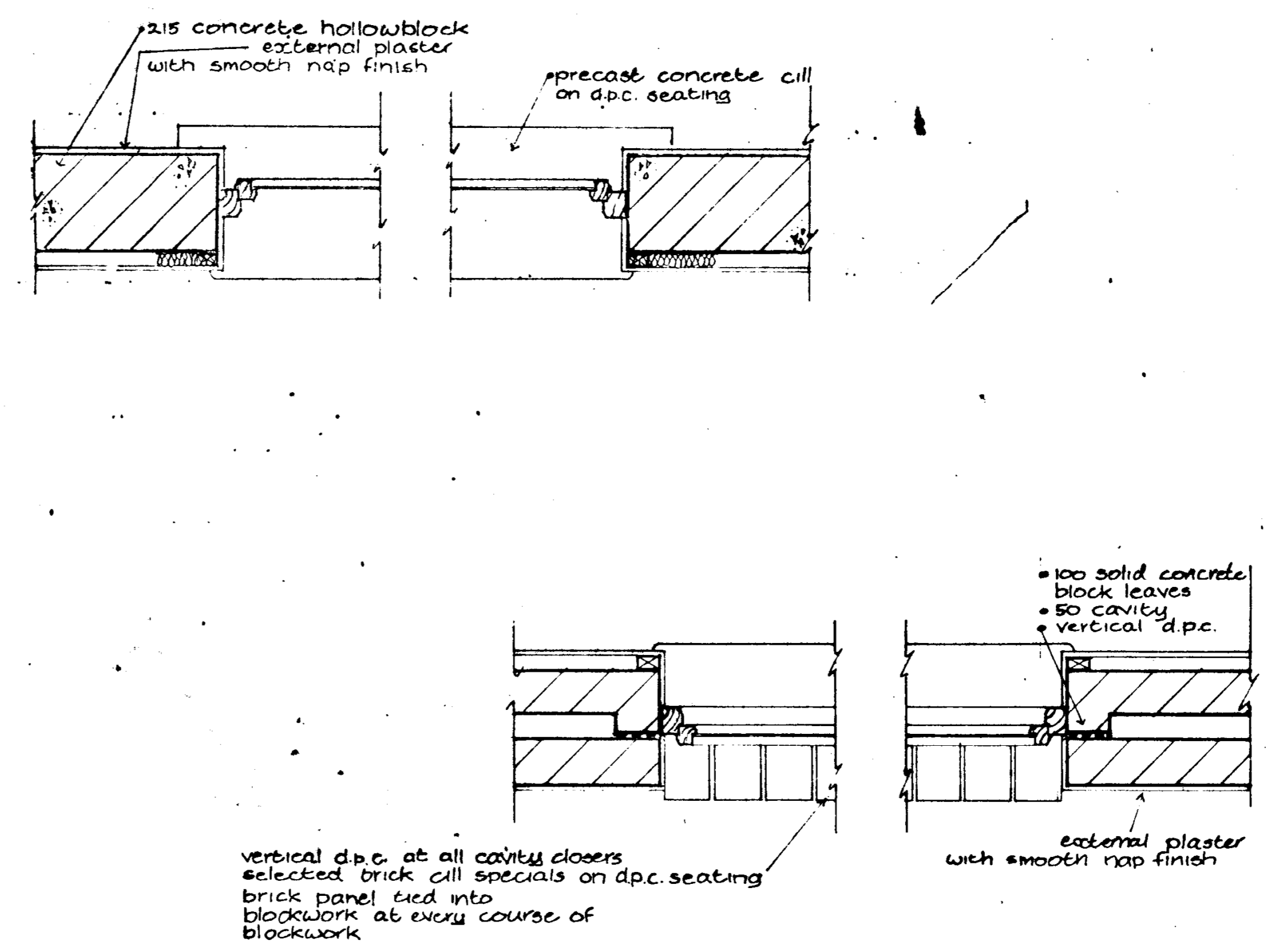
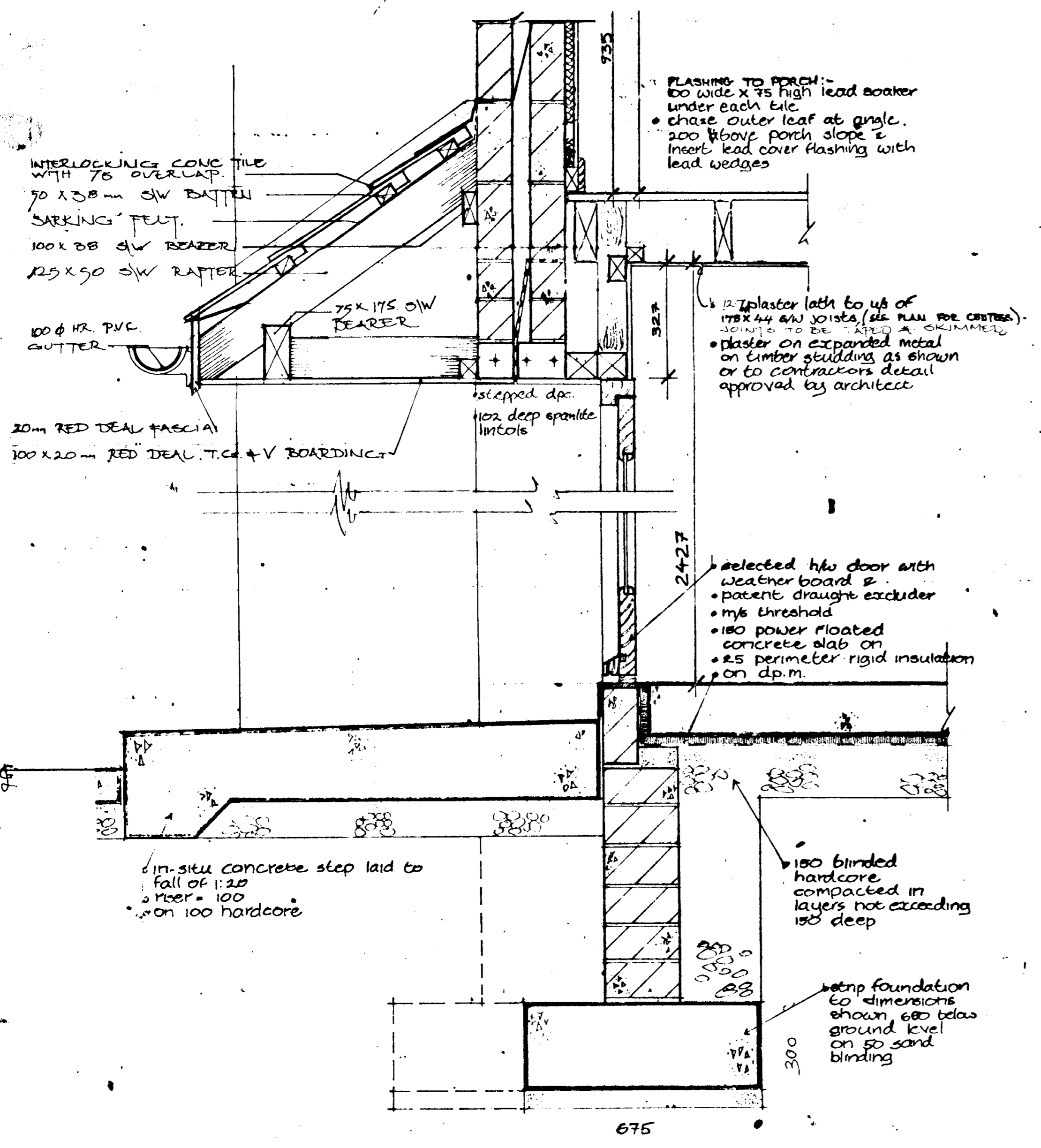
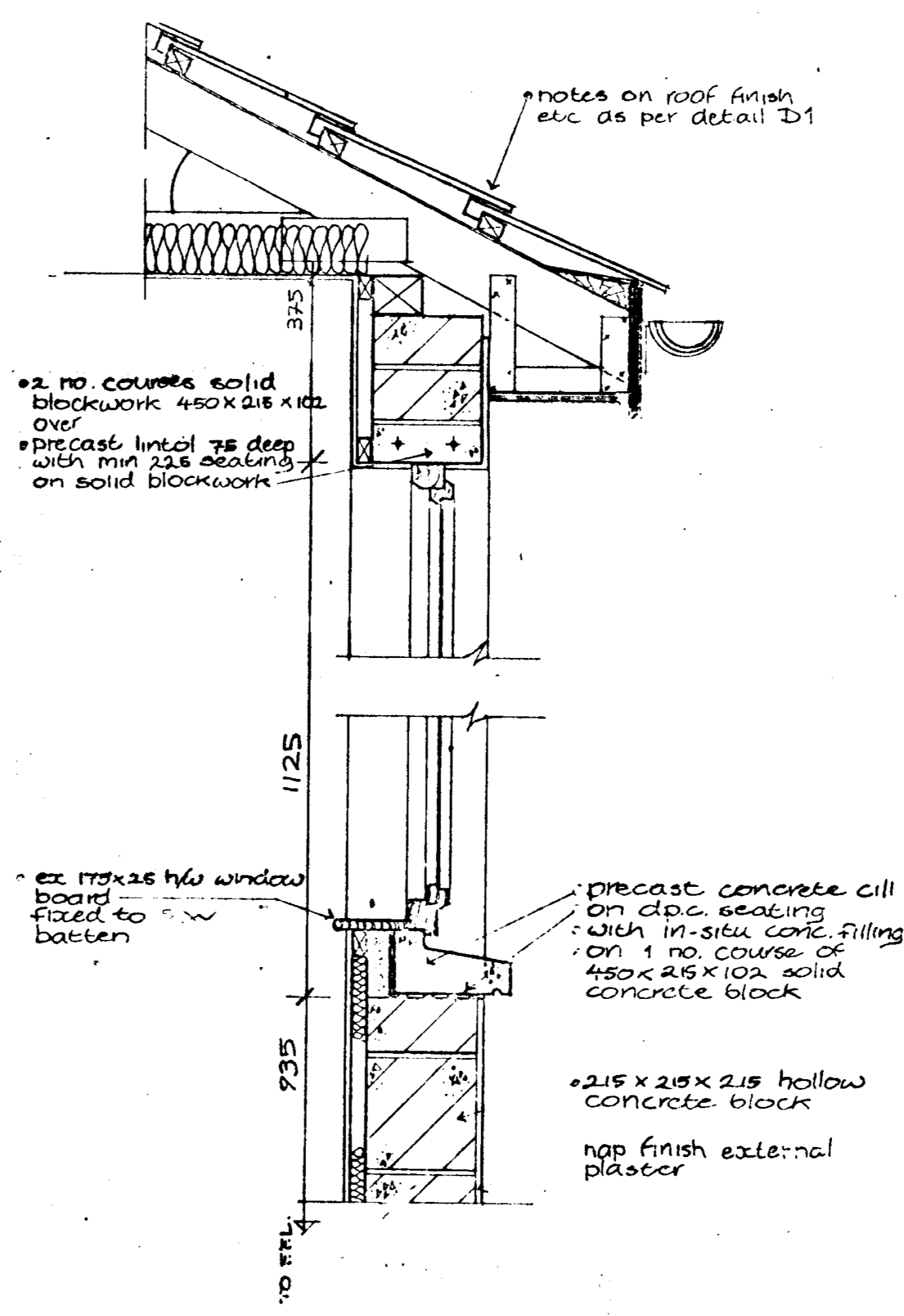
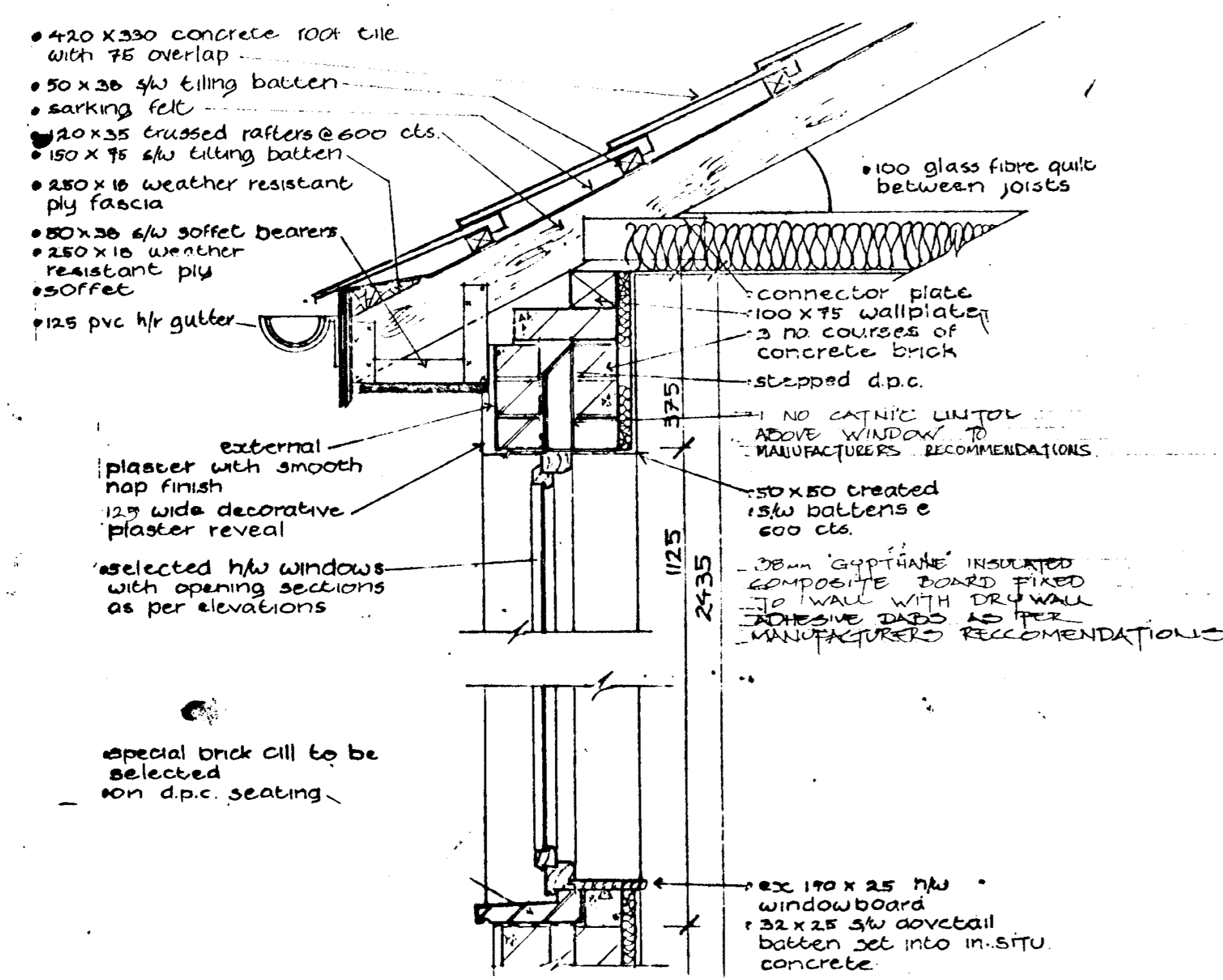
LANDSCAPING:

Extensive programme of new tree planting as noted on site layout.

SITE:

Every effort shall be made to ensure that the plot selected and as shown on the lease map will conform absolutely to the shape and dimensions shown on the drawing. However, it is not possible to guarantee this.

All dimensions to be stated from this drawing. All dimensions to be checked by the contractor on site. Any errors or discrepancies to be reported to the architect in charge.



**DETAILS**

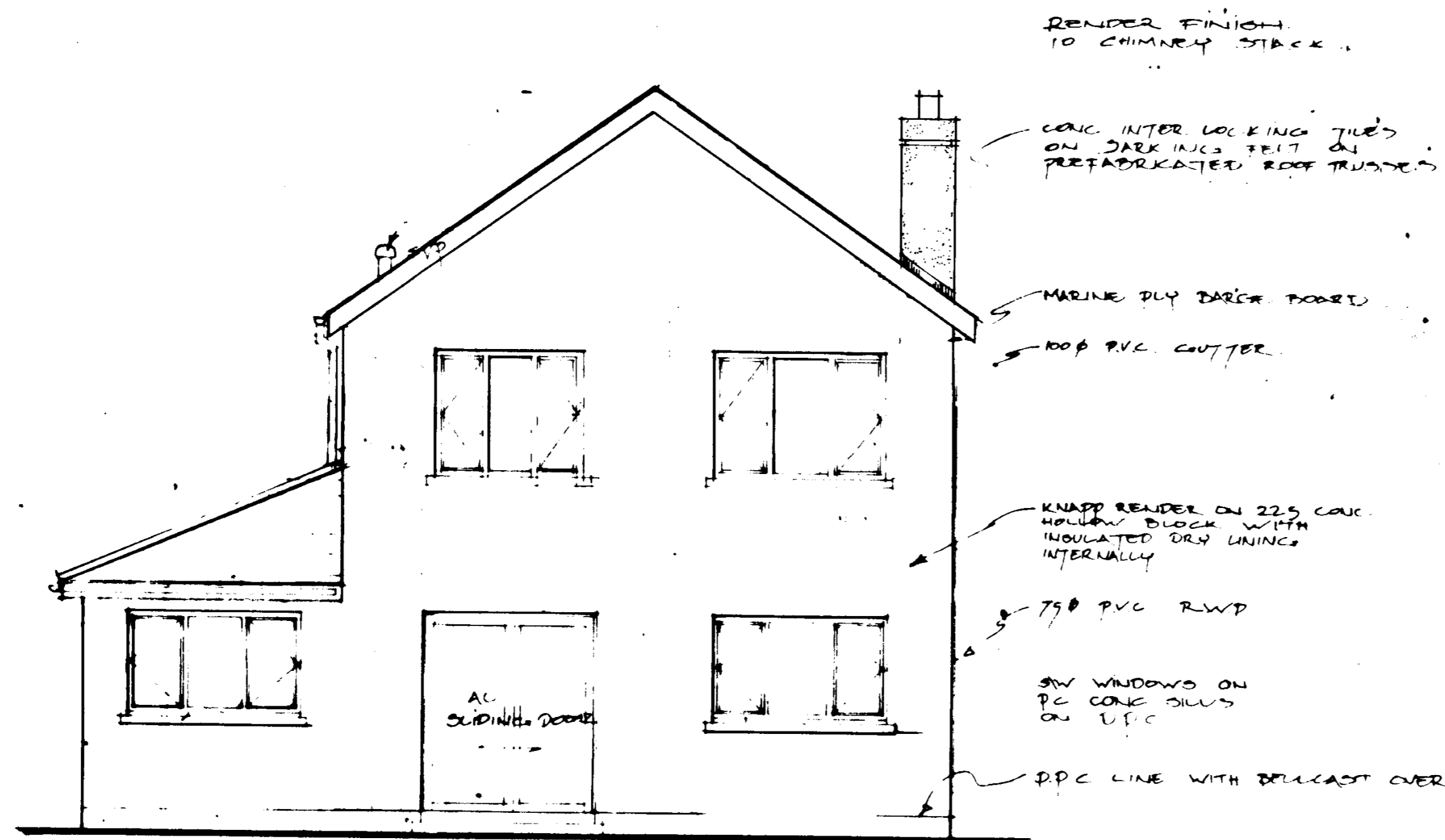
**KEANE MURPHY DUFF**  
 Chartered Architects  
 DUBLIN COUNTY COUNCIL  
 Planning Case No. 1991/1000  
**KMD**  
 19 FEB 1991  
 11/10/91

RESIDENTIAL DEVELOPMENT  
 "BALLYDOWD LUCAN"  
 McNAMARA CONSTRUCTION LTD.

DETAIL PLANS & SECTIONS

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 date JAN 1991  
 8851/1  
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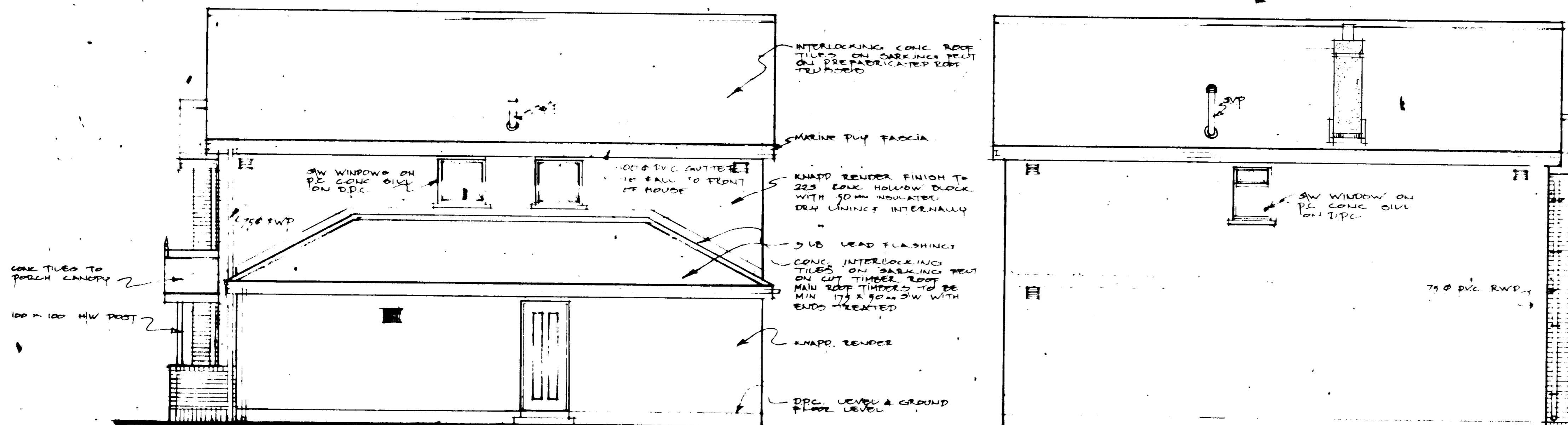
no dimensions to be scaled from this drawing - all dimensions to be checked by the contractor on site, any errors or discrepancies to be reported to the architect in charge



REAR ELEVATION

4 BEDROOM DETACHED HOUSE.  
HOUSE TYPE 'E'  
THIS IS A HANDED VERSION OF  
HOUSE NO.17 ROAD 6.

RENDER FINISH TO CHIMNEY STACK



SIDE ELEVATION

SIDE ELEVATION

KEANE MURPHY DUFF  
Chartered Architects

**KMD**

DUBLIN COUNTY COUNCIL  
Drawing Code: Residential Development  
19 FEB 1991

RESIDENTIAL DEVELOPMENT

BALLYDOWD, LUCAN

Mc NAMARA CONSTRUCTION LTD.

4 BED DETACHED WITH  
EXTENSION AT SIDE

ELEVATIONS

Scale 1:50  
Date JAN 1991

8851/1 6

EXISTING HERMITAGE PARK DEVELOPMENT



TO LUCAN/DUBLIN

TEMPORARY ACCESS

PARKLAND 30 ACRES



OPEN SPACE

OPEN SPACE

EXTENT OF PRESENT PLANNING & BYE LAW APPLICATION OUTLINED IN RED.

PARKLAND 30 ACRES

**E** TYPE 'E'  
4 BEDROOM DETACHED HOUSE.

**A** TYPE 'A'  
3 BEDROOM SEMI-DETACHED HOUSE

**B** TYPE 'B'  
4 BEDROOM SEMI-DETACHED HOUSE

**C** TYPE 'C'  
3 BEDROOM DORMER BUNGALOW

**D** TYPE 'D'  
4 BEDROOM DETACHED HOUSE.

**DRAINAGE LEGEND.**  
FOUL DRAIN  
SURFACE WATER DRAIN  
WATERMAIN  
FOR DRAINAGE DETAILS READ IN CONJUNCTION WITH DRGS OF PROPOSED HOUSE PLANS.

DUBLIN COUNTY COUNCIL  
Planning Dept.  
19 FEB 1991  
914/0202

**KEANE MURPHY DEEF**  
Chartered Architects



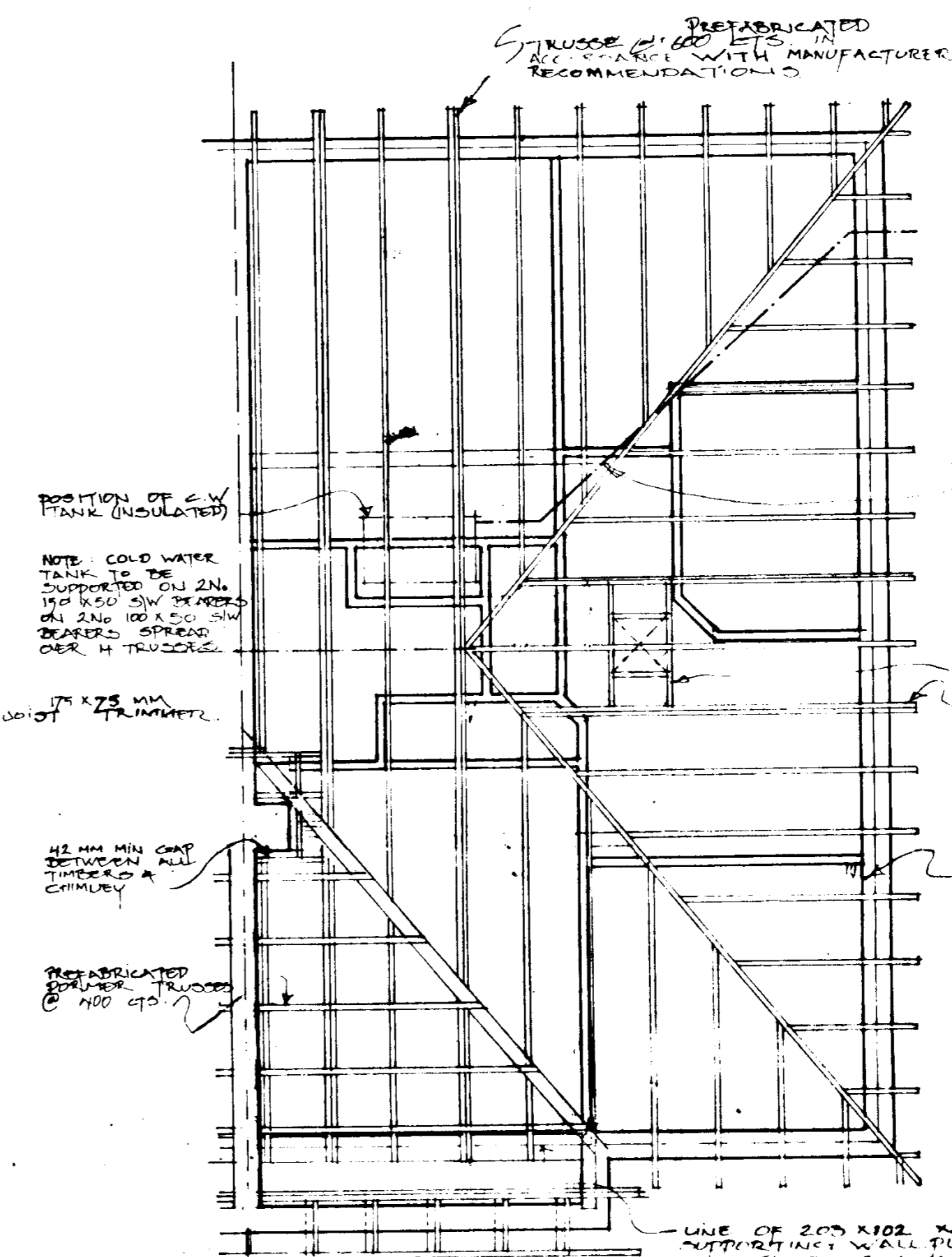
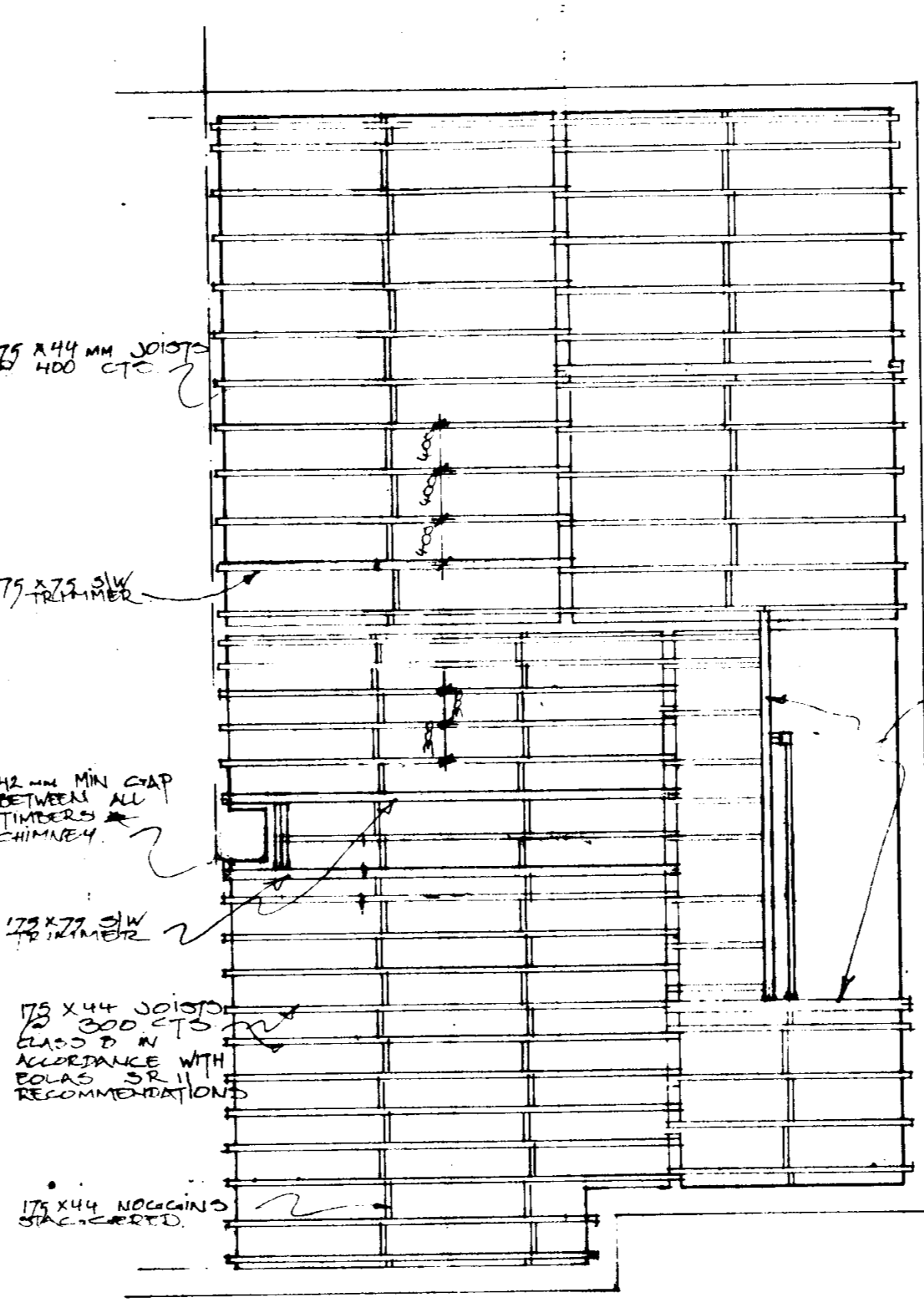
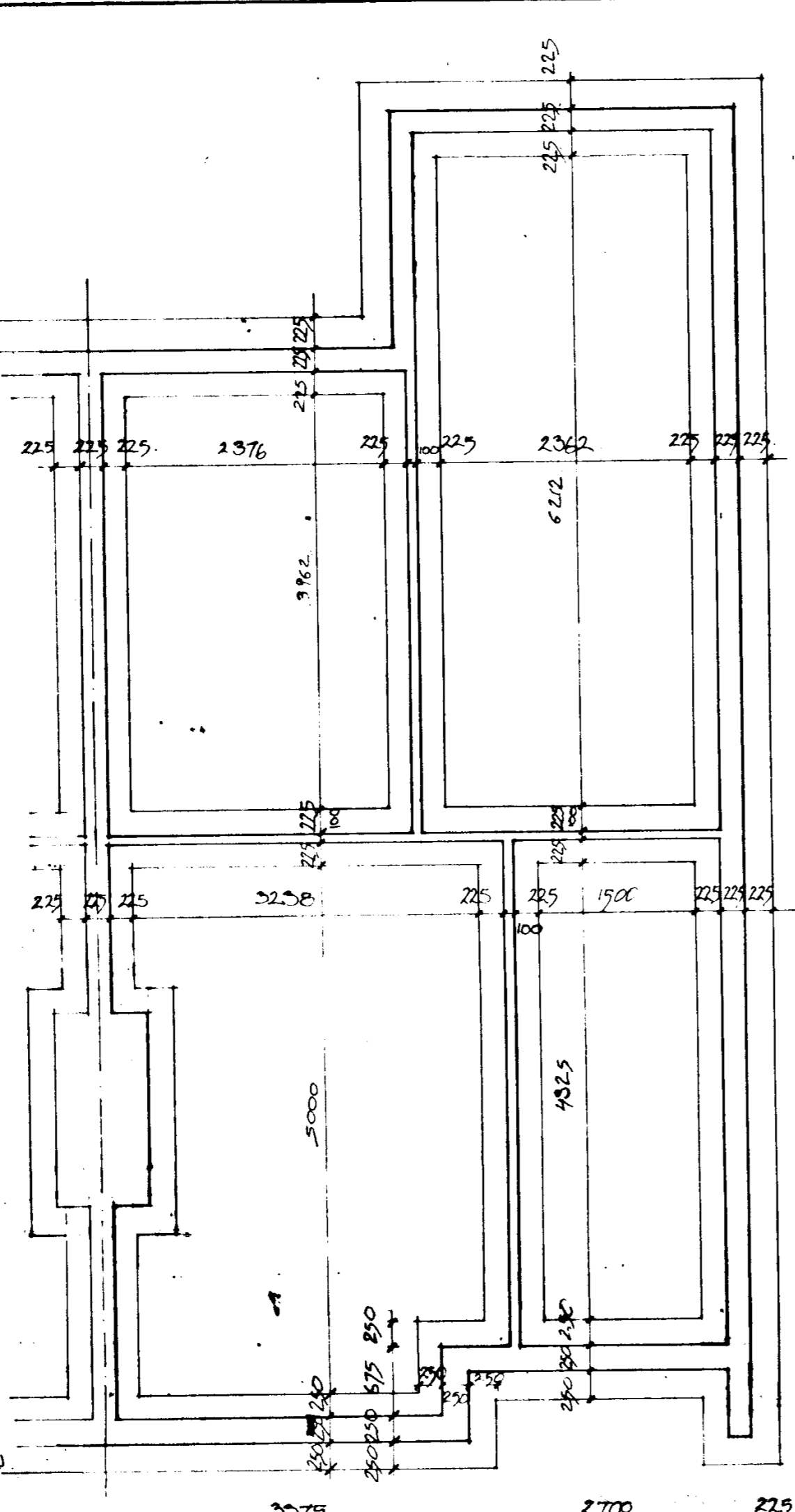
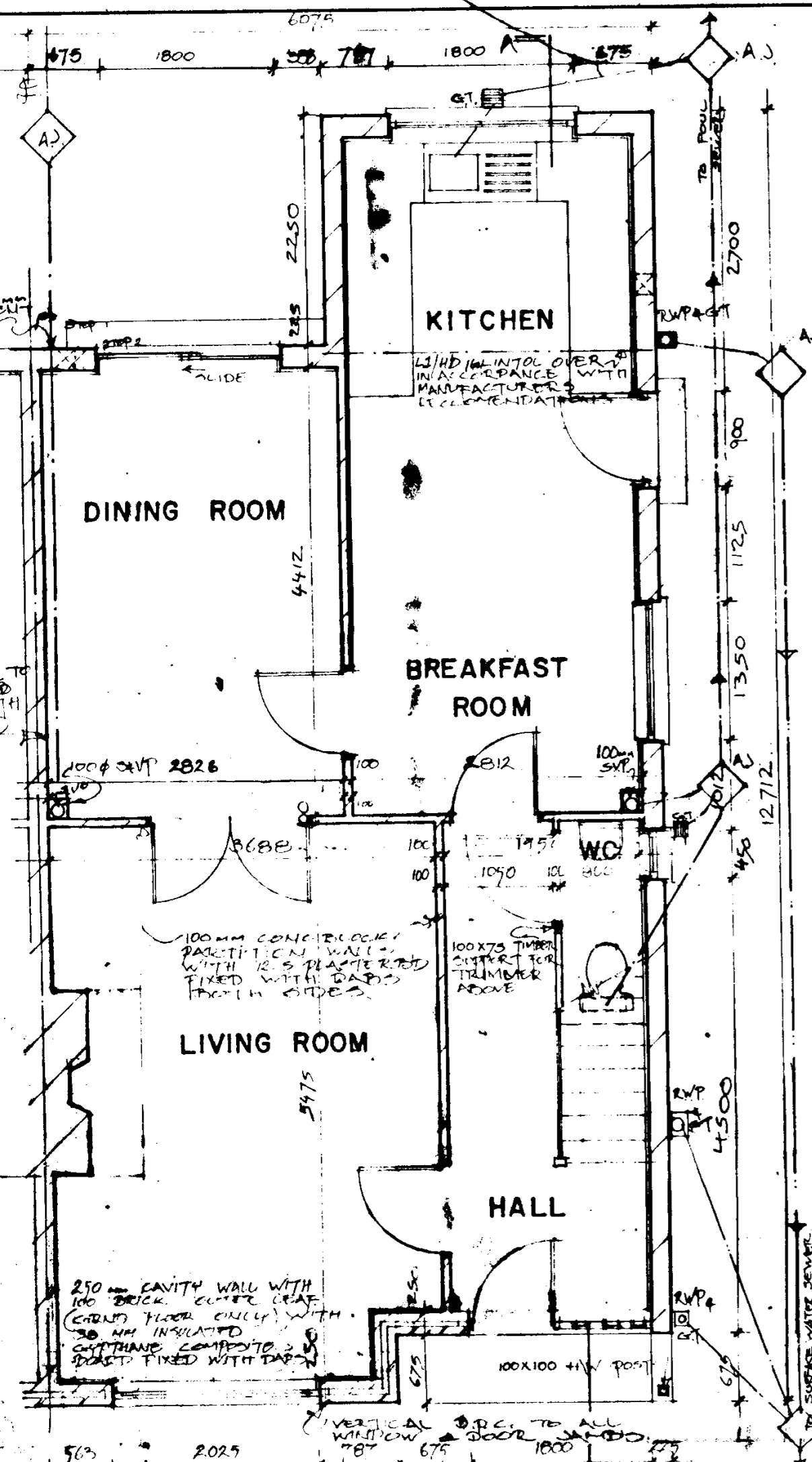
RESIDENTIAL DEVELOPMENT  
BALLYDOWD LUCAN

Mc NAMARA CONSTRUCTION LTD.

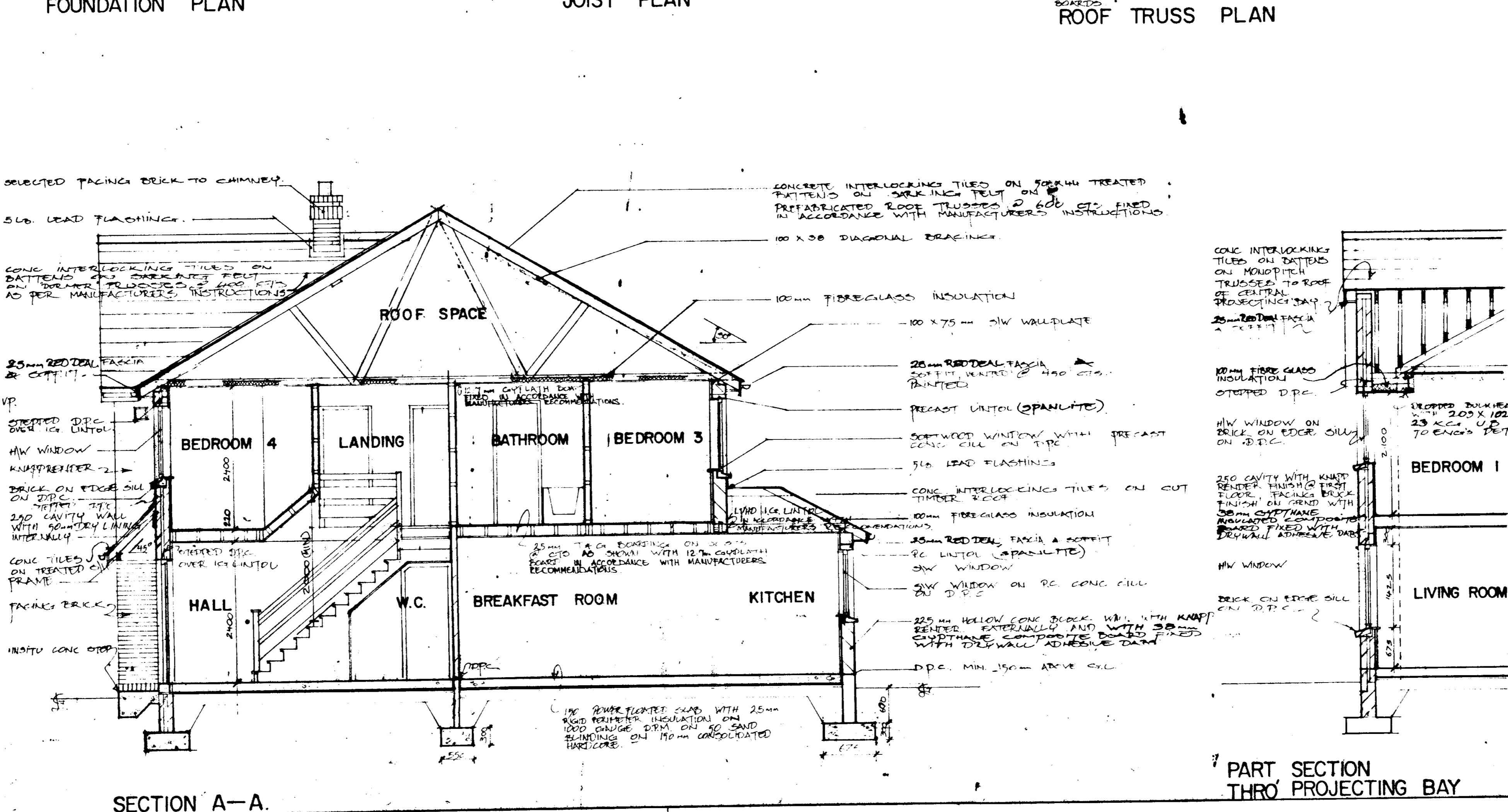
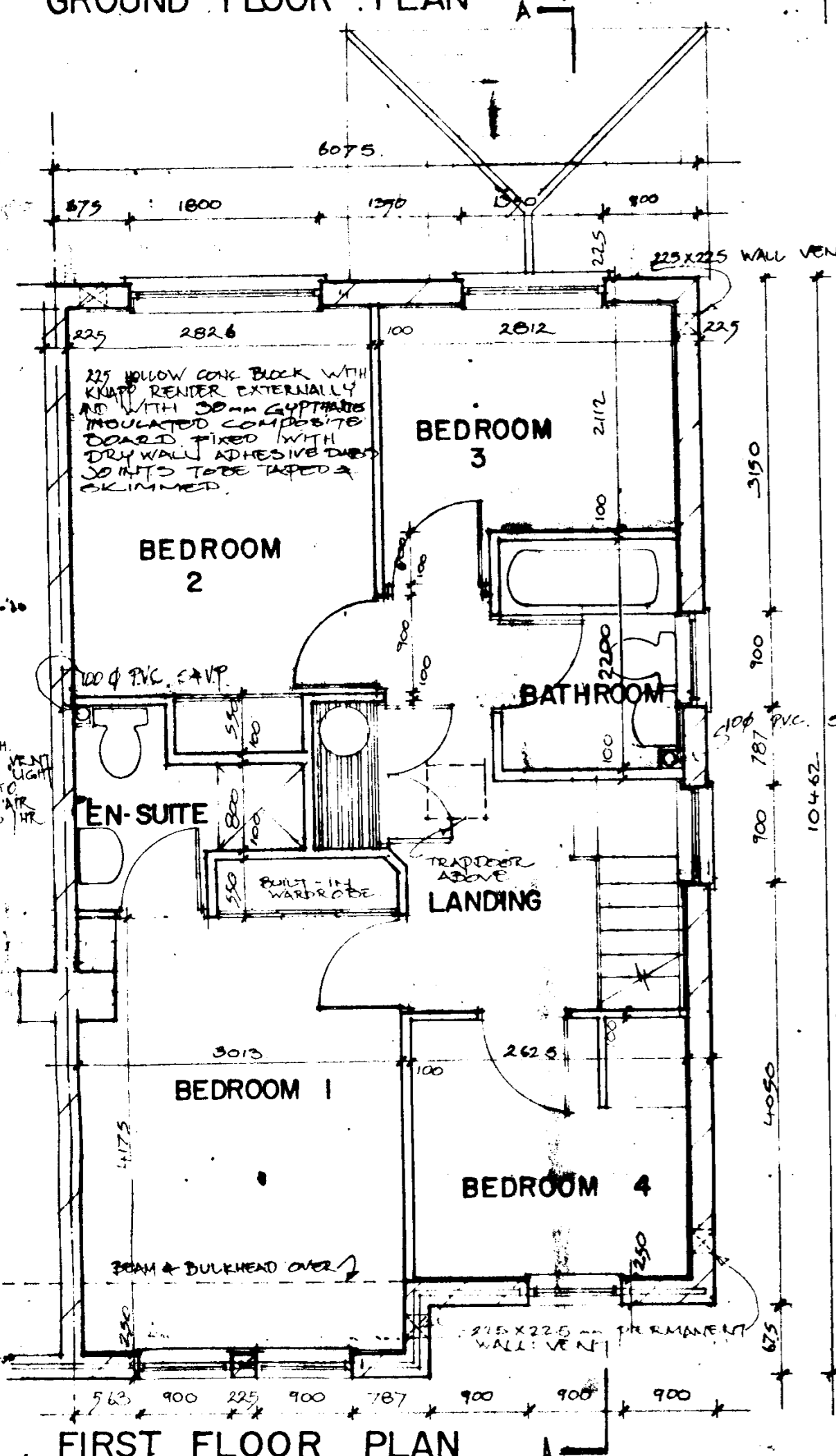
**SITE PLAN**

scale 1:500  
date JAN 1991  
8851/1 2

no dimensions to be scaled from this drawing. all dimensions to be checked by the contractor on site; any errors or discrepancies to be reported to the architects in charge.



NOTE: ROOF TRUSSES FITTED IN ACCORDANCE WITH 193 1986 TIMBER TRUSS/POST RAFTERS



**HOUSE TYPE B  
4 BED SEMI-D.**

AREA OF HOUSE = 115 M<sup>2</sup> OR 1240 FT<sup>2</sup>

**KEANE MURPHY DUFF**  
Chartered Architects  
DUBLIN COUNTY COUNCIL  
Planning & Property Section  
19 FEB 1991  
100-101  
100-101  
100-101  
100-101

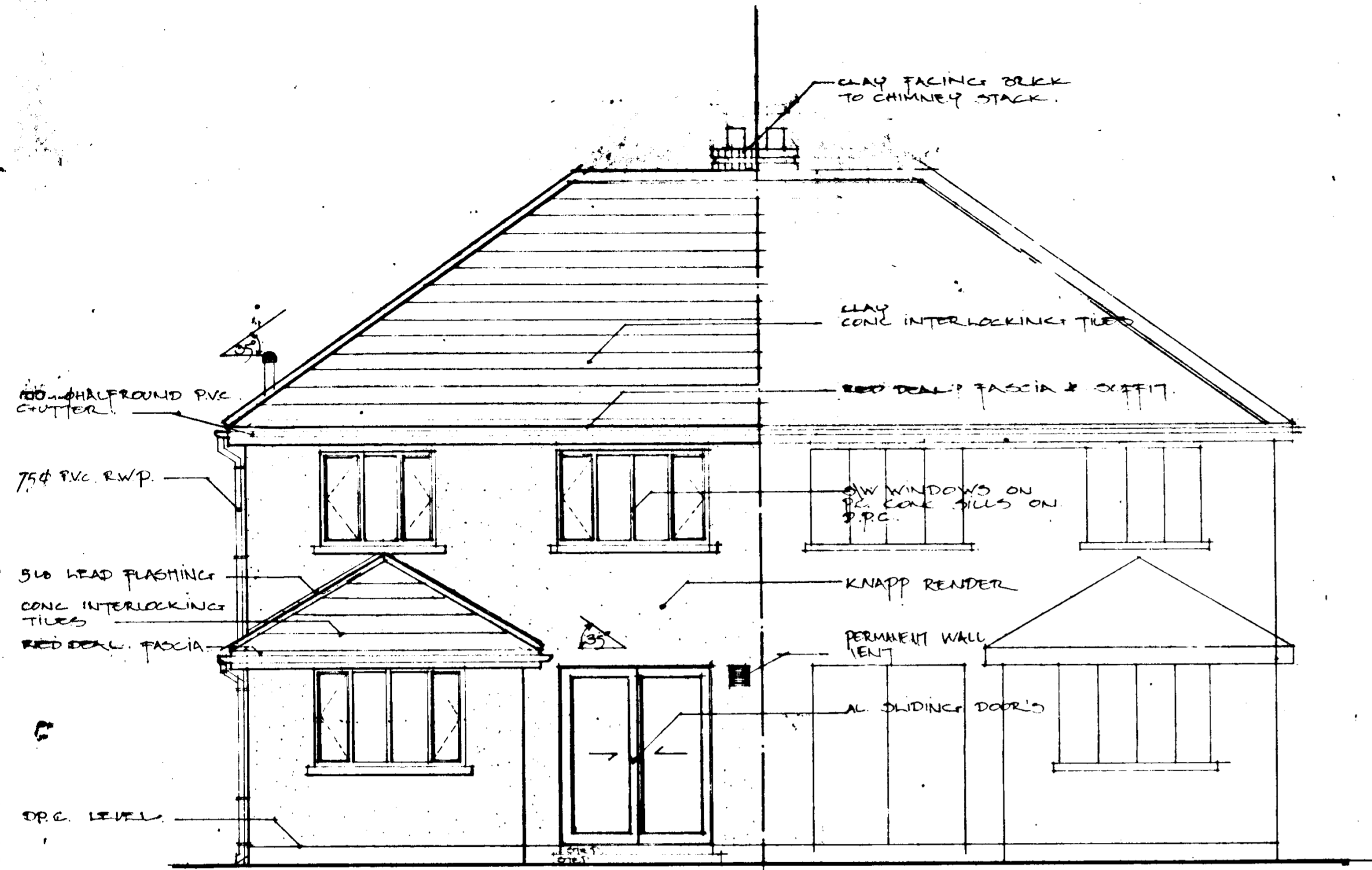
RESIDENTIAL DEVELOPMENT  
BALLYDOWD LUCAN  
for McNAMARA CONSTRUCTION LTD.  
HOUSE TYPE B  
4 BED SEMI-DETACHED PLANS & SECTIONS

scale 1:50  
date JAN 1991  
drawn 8851/1 3

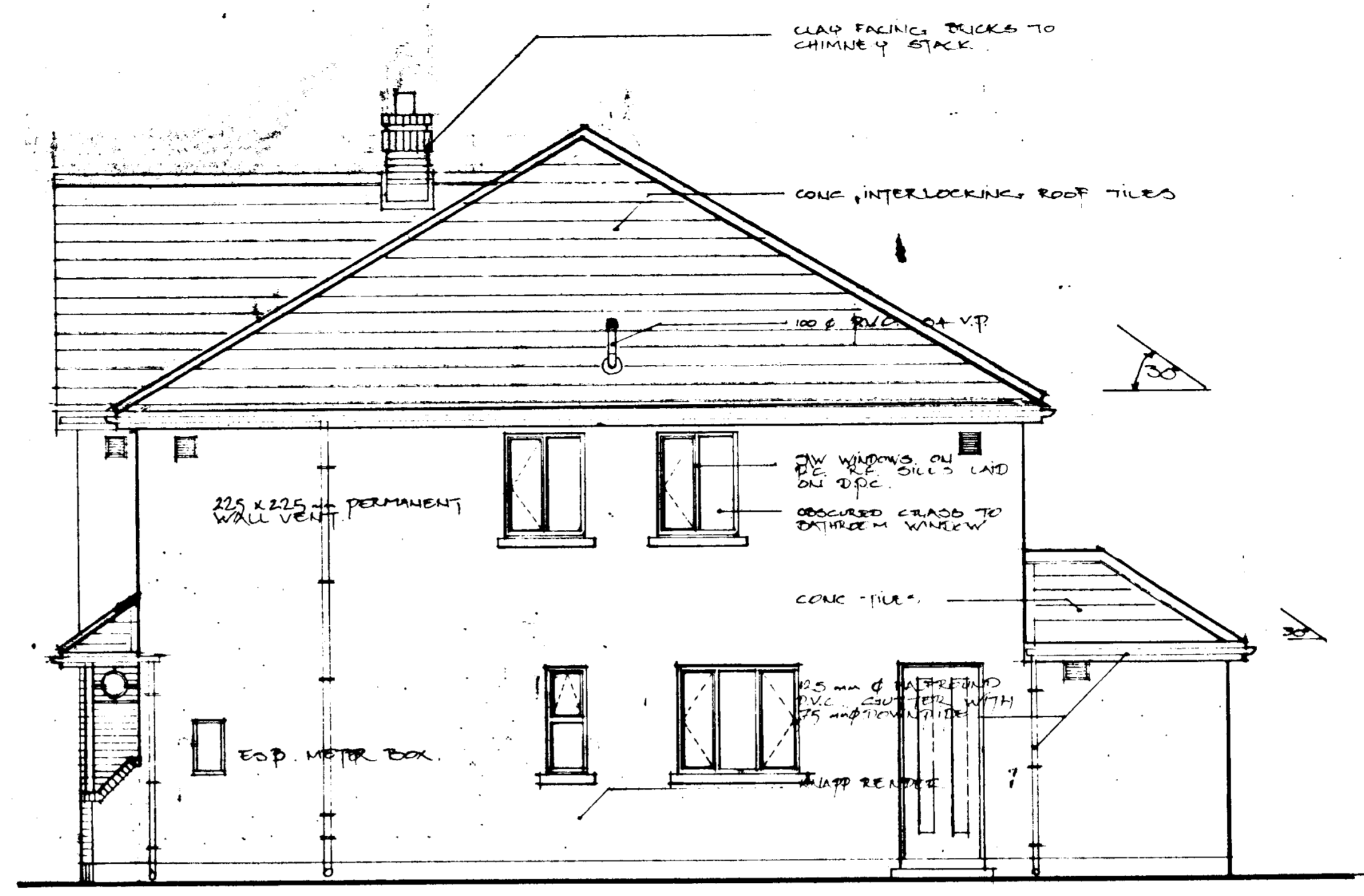
PART SECTION THRO PROJECTING BAY

no dimensions to be scaled from this drawing: all dimensions to be checked by the contractor on site; any errors or discrepancies to be referred to the architect in charge.

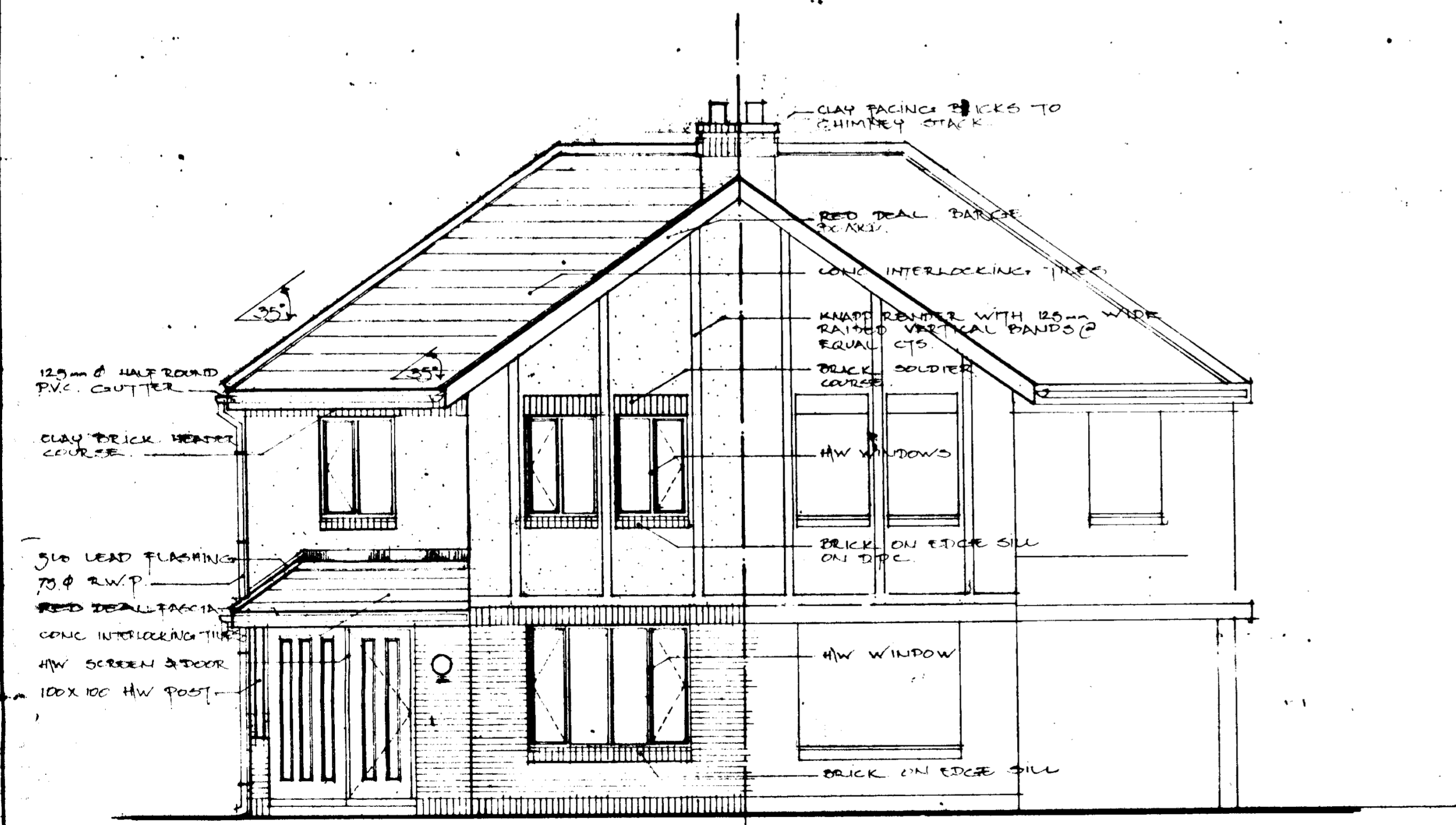
notes:



REAR ELEVATION



SIDE ELEVATION



FRONT ELEVATION

**HOUSE TYPE B  
4 BED SEMI-D.**

**KEANE MURPHY DUFF**  
Chartered Architects

**KMD**

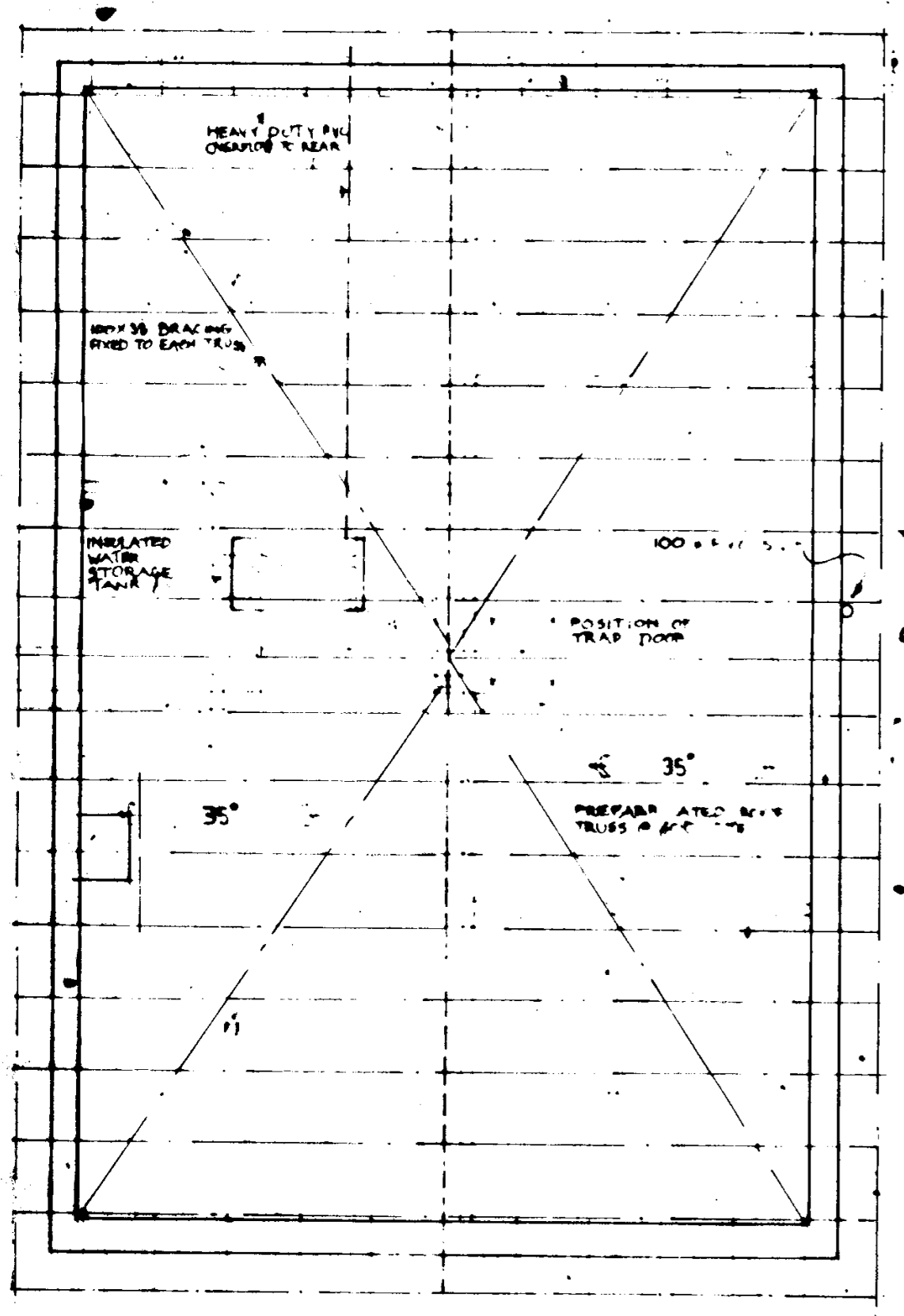
DUBLIN CITY COUNCIL  
Planning and Building Section  
19 FEB 1991  
NEW APPLICATION FOR PLANNING PERMISSION  
36 FENIAN STREET DUBLIN 2

RESIDENTIAL DEVELOPMENT  
BALLYDOWD LUCAN  
for McNAMARA CONSTRUCTION LTD.

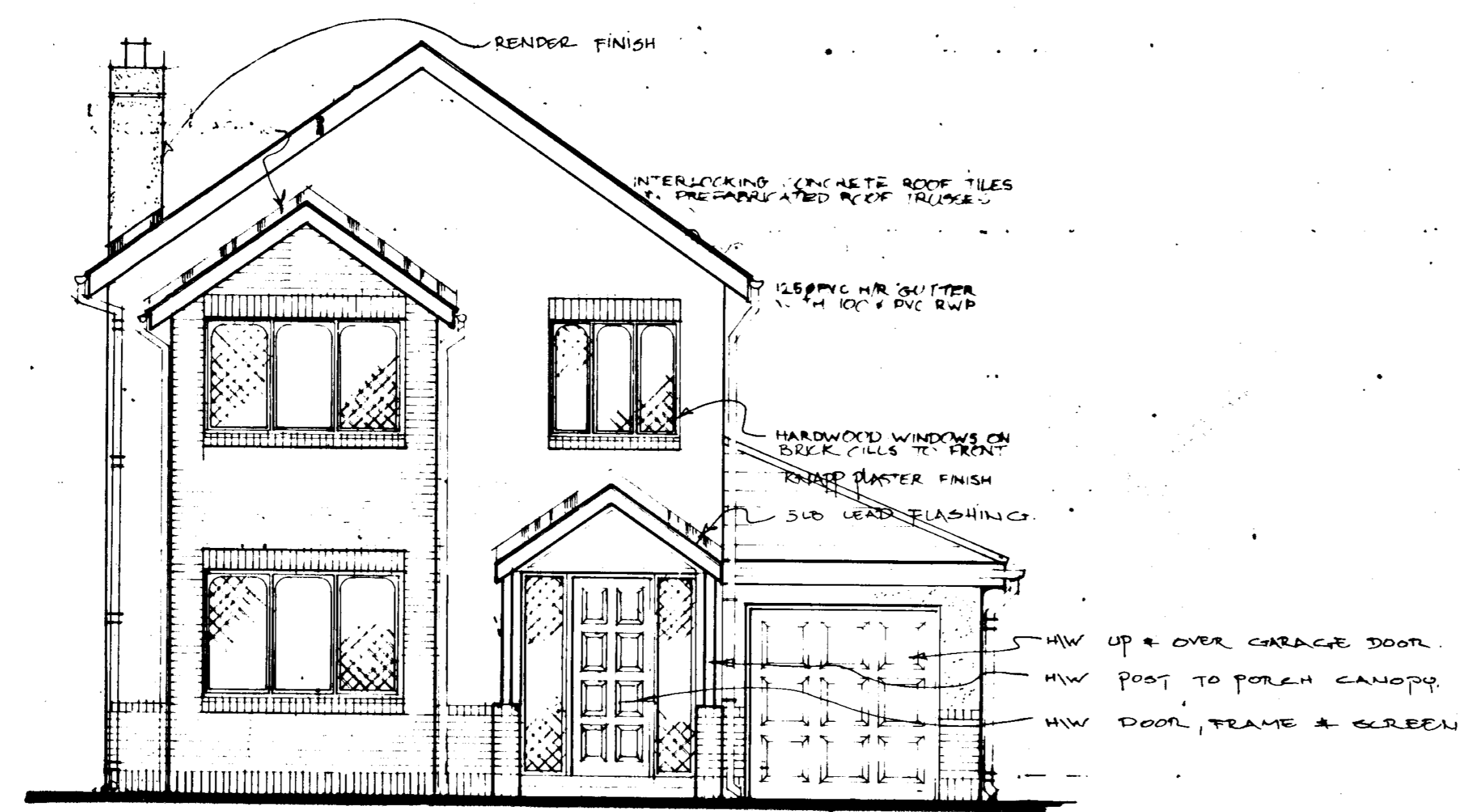
**4 BED SEMI-DETACHED  
ELEVATIONS**

Scale: 1:50  
Date: JAN 1991  
Drawn: 8851/1 4

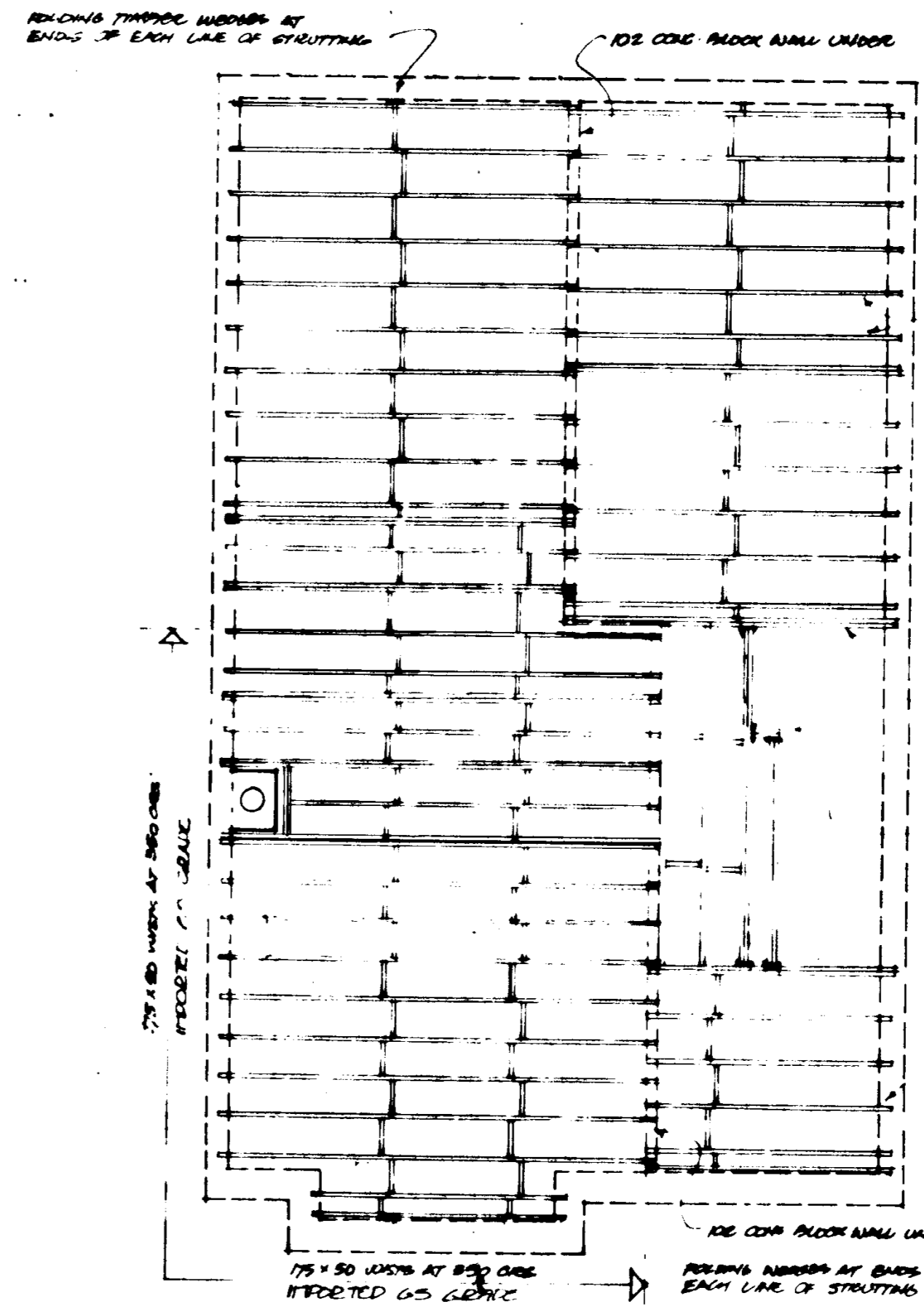
All dimensions to be scaled from this drawing. All dimensions to be checked by the contractor on site. Any errors or discrepancies to be reported to the architect in charge.



PLAN OF ROOF TIMBERS 1:50



FRONT ELEVATION 1:50



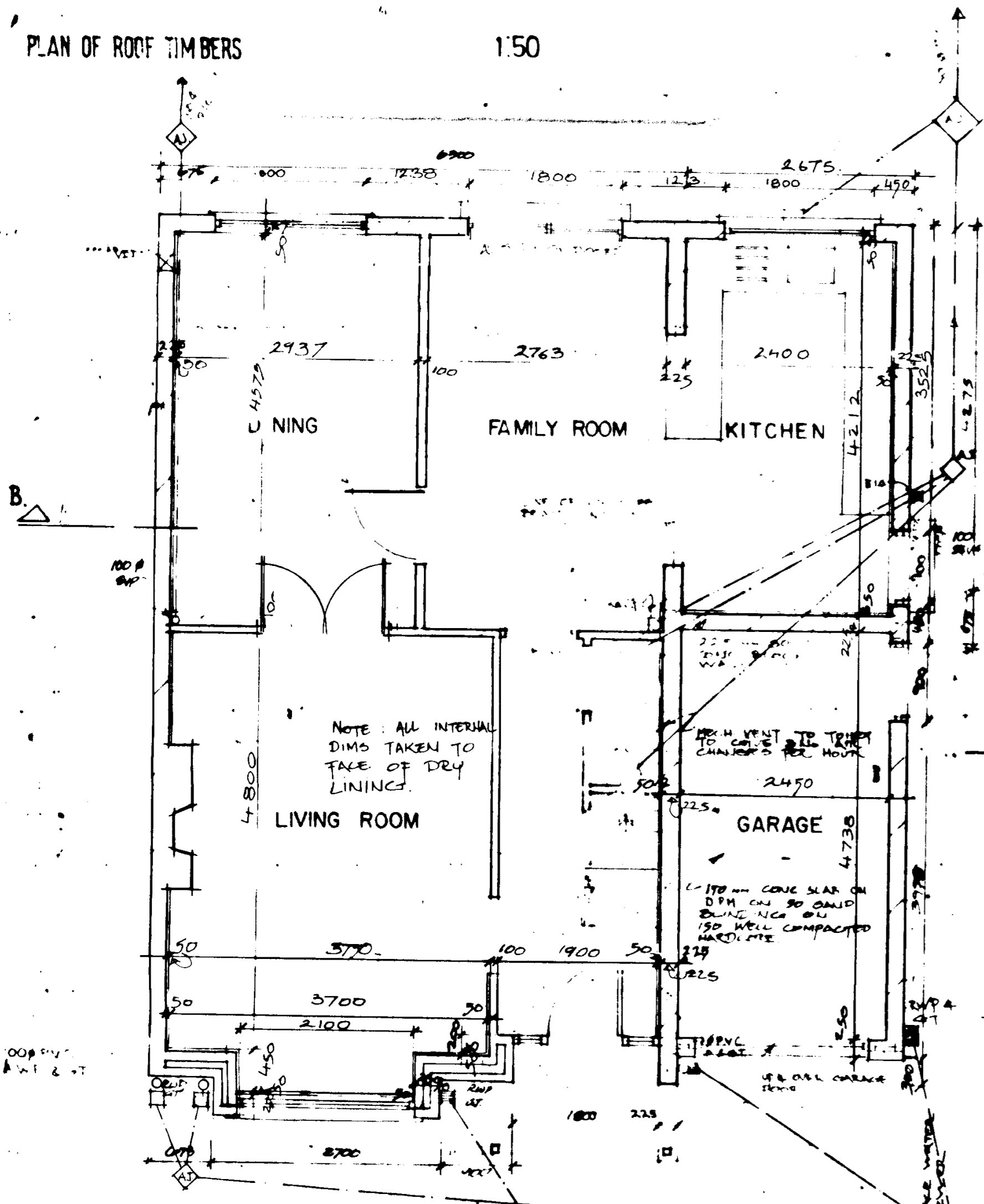
FIRST FLOOR JOIST PLAN 1:50

175x50 JOISTS AT 400 C/C  
 GENERALLY  
 HARDWARE NONE OR SOLID STEELING  
 (STANDARD) AT MID-SPAN OR  
 AS INDICATED

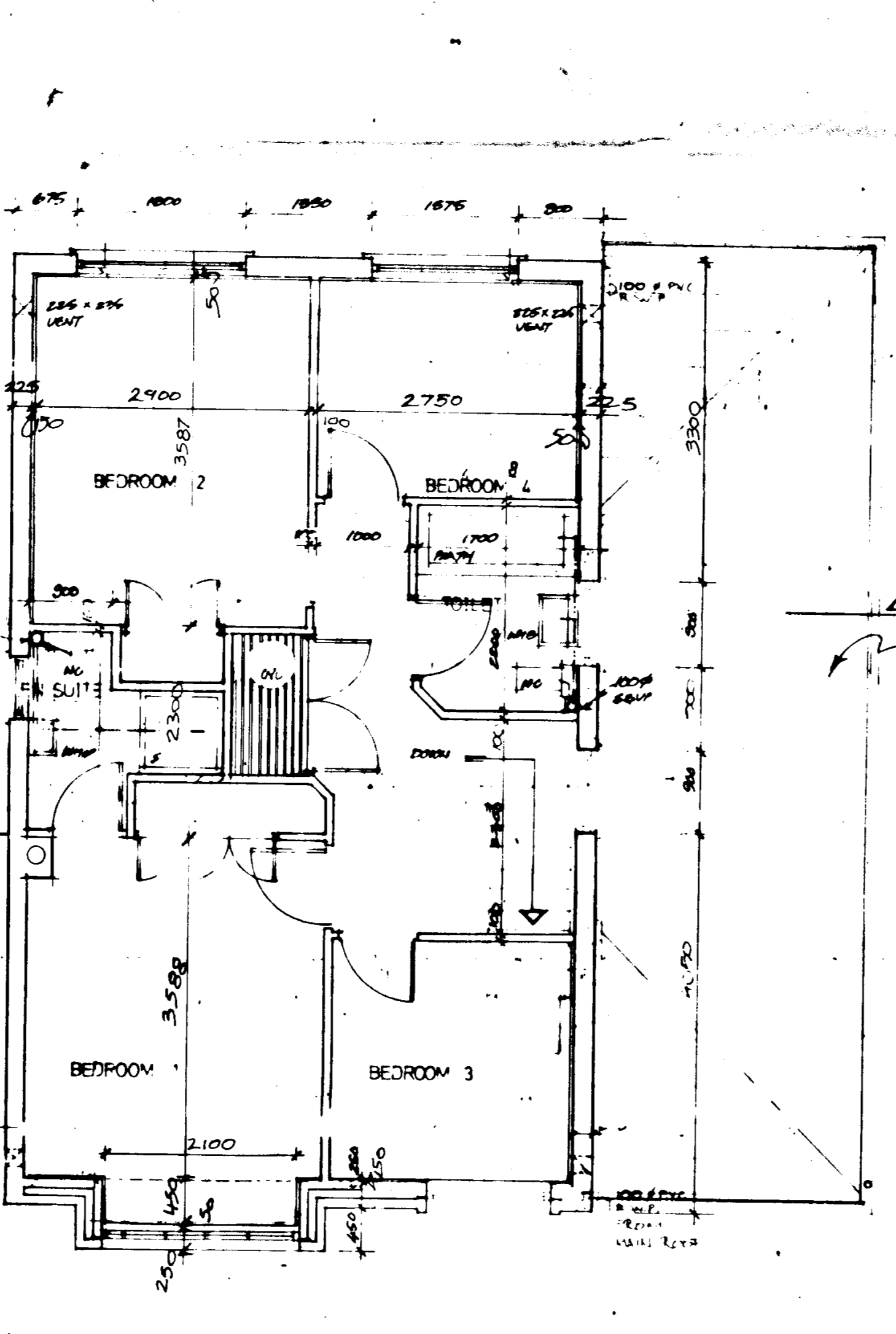
TRIMMED AT TOP AND UNDER  
 PROFILES AS INDICATED  
 TRIMMED TO MATCH END 75x150  
 LOST ROOF TRIMMER

102 CONC FLOOR SLAB UNDER  
 TO BEING FROM LEVEL

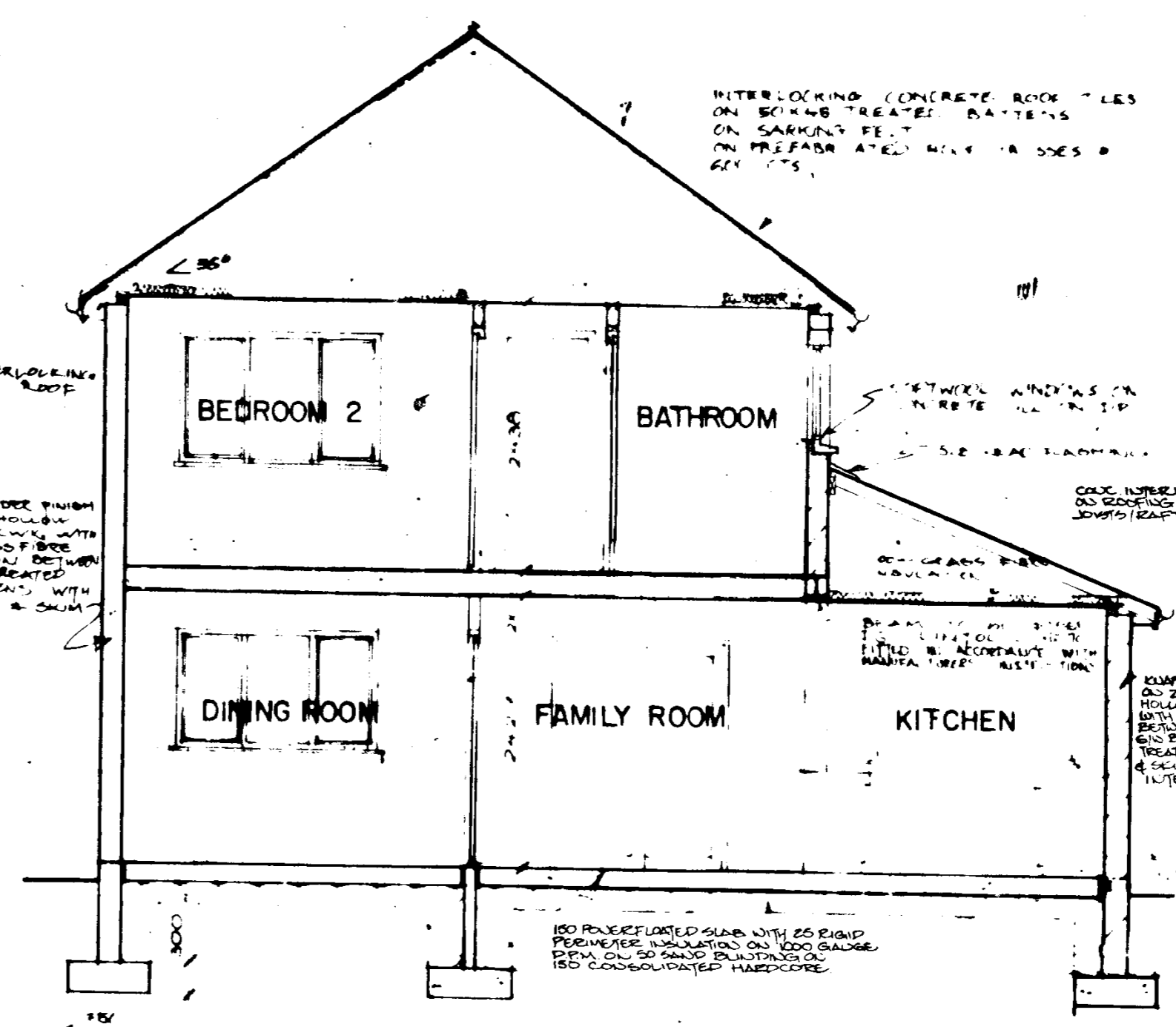
JOIST TO HAVE 100MM END  
 BEARING ALL JOIST ENDS IN  
 BATHROOM WALLS TO BE  
 TREATED WITH AN APPROVED  
 PRESERVATIVE



GROUND FLOOR PLAN 1:50



FIRST FLOOR PLAN 1:50



SECTION B-B 1:50

**4 BEDROOM  
 DETACHED HOUSE**  
 HOUSE TYPE 'E'  
 THIS IS A HANDED-VERSION  
 OF HOUSE NO.17 ROAD 6.

**KEANE MURPHY DEE**  
 Chartered Architects

**KMD**

DUBLIN COUNTY COUNCIL  
 Planning Case Register Number  
 19 FEB 1991

RESIDENTIAL DEVELOPMENT  
 BALLYDOWD LUCAN  
 Mc NAMARA CONSTRUCTION LTD

4 BEDROOM  
 DETACHED HOUSE  
 PLANS, SECTION, & ELEVATION.