

BYE LAW APPLICATION FEES

149873

REF. NO.: 91A/0752      CERTIFICATE NO.: \_\_\_\_\_

PROPOSAL: Trade reception area/ Internal additions

LOCATION: Unit 31 Western Parkway Business Centre

APPLICANT: Allied Dunbar 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					
B	Domestic Ext. (Improvement/Alts.)	@ £30					
C	Building for office or other comm. purpose <u>85.0m<sup>2</sup></u>	@ £3.50 per M <sup>2</sup> or £70	<u>£297.50</u>	<u>£298</u>	<u>£0</u>	<u>overpayment</u>	
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 forgoing classes	£70 or £9 per .1 hect. whichever is the greater					

Column 1 Certified: Signed: J. Ginn Grade: D/TE Date: 17/5/91

Column 1 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

Columns 2,3,4,5,6 & 7 Certified: Signed: M. O'Hara Grade: 9/0 Date: 16/5

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



DUBLIN COUNTY COUNCIL

PLANNING DEPARTMENT

Register Reference : 91A/0752

Date Received : 9th May 1991

Applicant : Allied Dunbur Ltd

Appl.Type : PERMISSION/BUILDIN

Development : New trade reception area and internal additions

LOCATION : Unit 31 Western Parkway Business Centre, Ballymount  
Road Lower

O.S. REFS.

22-1			
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AREA REFERENCE

W	S	0	5	0	3
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HISTORY

91A/526	91A/488	90A/2254	90A/2175	90A/1123
89A/2303	89A/1036			

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

FEE CLASS

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MEASUREMENT  
FOR FEES

--	--	--	--

SIGNED .....

DATE .....

SENIOR EXECUTIVE DRAUGHTSMAN

FEE PAID

FEE ASSESSED

BALANCE DUE

--	--	--

CERTIFIED \_\_\_\_\_

GRADE \_\_\_\_\_

DATE \_\_\_\_\_

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

ASSESSMENT OF FINANCIAL CONTRIBUTION

REG. REF.: 91A/752

CONT. REG.:

SERVICES INVOLVED: WATER/FOUL SEWER/SURFACE WATER

AREA OF SITE:

FLOOR AREA OF PRESENT PROPOSAL: 915 FT<sup>2</sup> J.M.

MEASURED BY:

17/5/91.

CHECKED BY:

METHOD OF ASSESSMENT:

TOTAL ASSESSMENT

MANAGER'S ORDER NO: BY /  
DATE

ENTERED IN CONTRIBUTIONS REGISTER:

Nil  
paid in full  
sewerage  
basis

J 28/6/91

DEVELOPMENT CONTROL ASSISTANT GRADE

M.L.

DUBLIN COUNTY COUNCIL

REG. REF: **91A/0752**

DEVELOPMENT: New trade reception area and internal additions.

LOCATION: Unit 31 Western Parkway Business Centre,  
Ballymount Road.

APPLICANT: Allied Dunbur Ltd.

DATE LODGED: 9.5.91.

This application is for full permission for new trade reception area and internal additions at Ballymount Road.

The proposal constitutes a change of use of 85m<sup>2</sup> of existing floor area denoted to warehousing to a showroom and a trade reception area. The change of use should not attract any appreciable increase in traffic and thus no consequent increase in parking requirements.

No Roads objection.

**PLANNING DEPT.**  
**DEVELOPMENT CONTROL SECT**  
 Date **21.06.91**  
 Time **4.00**

MA/BMCC  
18.6.91.

SIGNED: Michael Arthur  
 DATE: 19.6.91

ENDORSED: E. Wadda  
 DATE: 20.6.91

P/2962/91

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Register Reference : 91A/0752

Date Received : 9th May 1991

Correspondence : Delany MacVeigh & Pike, Architects  
Name and : Owenstown House,  
Address : Foster's Avenue,  
Blackrock,  
Co. Dublin.

CN844A

Development : New trade reception area and internal additions

Location : Unit 31 Western Parkway Business Centre, Ballymount Road Lower

Applicant : Allied Dunbur Ltd

App. Type : Permission

Zoning : "E"

Standard:	nil
Roads:	land
S. Sers:	in
Open Space:	full
Other:	-
SECURITY:	
Bond / C.I.F.:	
Cash:	

MD

Report of the Dublin Planning Officer dated 24 June 1991.

This is an application for PERMISSION for a new trade reception area and internal alterations at Allied Dunbur Ltd., Unit 31 Western Parkway Business Centre, Ballymount Road Lower.

The floor area of the proposed development is stated to be 85 sq.m.

By Decision Order P/3259/89, Reg. Ref. 89A/1036, planning permission was granted to Allied Dunbur for 41 industrial units and site works on a 5 acre site of which the current application forms one unit. The unit is part of block 4 of the original application. Alteration at first-floor level involves a new partition in existing permitted office space.

At ground floor level alterations involve a new glazed screen and doors where the sectional overhead door was located. A w.c. is proposed adjacent to the existing w. c. incorporating part of the existing office space. To the rear of the existing offices a showroom and trade distribution area is proposed. Provided the uses are for wholesale trade only there is no objection to this proposed alteration.

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:-

CONDITIONS / REASONS

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Reg.Ref: 91A/0752

Page No: 0002

Location: Unit 31 Western Parkway Business Centre, Ballymount Road Lower

01 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.  
REASON: To ensure that the development shall be in accordance with the permission and that effective control be maintained.

02 That before development commences, approval under the Building Bye-Laws be obtained and all conditions of that approval be observed in the development.  
REASON: In order to comply with the sanitary services Acts, 1878-1964.

03 The proposed trade distribution area shall be used ~~only for wholesale trading.~~ *not be used for retail trading*

03 REASON: In the interest of the proper planning and development of the area.

04 That the requirements of the Supervising Environmental Health Officer be ascertained and strictly adhered to in the development.  
REASON: In the interest of health.

05 That the requirements of the Chief Fire officer be ascertained and strictly adhered to in the development.  
REASON: In the interest of safety and the avoidance of fire hazard.

06 That the requirements of the sanitary services Department be ascertained and strictly adhered to in the proposed development.

06 REASON: In order to comply with the sanitary services Acts, 1878-1964.

07 That no advertising sign or structure be erected except those which are exempted development, without prior approval of Planning Authority.  
REASON: In the interest of the proper planning and development of the area.

NOTE: Compliance with one or more of the conditions of this permission may result in material alterations to the development as initially proposed and, accordingly, may require the submission of a further planning application.

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Reg.Ref: 91A/0752

Page No: 0003

Location: Unit 31 Western Parkway Business Centre, Ballymount Road Lower

*A*

*[Signature]*  
Endorsed:.....  
for Principal Officer

*Richard... Cremins. SEP.*  
for Dublin Planning officer 27.6.91

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 : ..... *3 July 1991* ..... *[Signature]* .....  
APPROVED OFFICER

to whom the appropriate powers have been delegated by order of the Dublin City and County Manager dated 19 June 1991.



Mary Barley.

DUBLIN COUNTY COUNCIL

REG. REF: 91A/0752.

DEVELOPMENT: New trade reception area and internal additions.

LOCATION: Unit 31 Western Parkway Business Centre,  
Ballymount Road.

APPLICANT: Allied Dunbur Ltd.

DATE LODGED: 9.5.91.

This application is for full permission for new trade reception area and internal additions at Ballymount Road.

The proposal constitutes a change of use of 85m<sup>2</sup> of existing floor area denoted to warehousing to a showroom and a trade reception area. The change of use should not attract any appreciable increase in traffic and thus no consequent increase in parking requirements.

No Roads objection.

PLANNING DEPT.  
DEVELOPMENT CONTROL SECT

Date ..... 24.06.91 .....

Time ..... 3.30 .....

MA/BMCC  
18.6.91.

SIGNED: Michael Arthur

ENDORSED: E. Wadd

DATE: 19-6-91

DATE: 20-6-91



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

NOTIFICATION OF DECISION TO GRANT PERMISSION  
LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS 1963-1990.

Decision Order Number : P/ 2962 /91      Date of Decision : 3rd July 1991

Register Reference : 91A/0752                      Date Received : 9th May 1991

Applicant : Allied Dunbur Ltd

Development : New trade reception area and internal additions

Location : Unit 31 Western Parkway Business Centre, Ballymount  
Road Lower

Time Extension(s) up to and including :

Additional Information Requested/Received : //

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 in respect of the above proposal.

Subject to the conditions on the attached Numbered Pages.

NUMBER OF CONDITIONS:- .....7.....ATTACHED.

Signed on behalf of the Dublin County Council.....  
for Principal Officer

Date: 4/7/91.....

Delany MacVeigh & Pike, Architects  
Owenstown House,  
Foster's Avenue,  
Blackrock,  
Co. Dublin.

Reg. Ref. 91A/0752  
Decision Order No. P/ 2962 /91  
Page No: 0002



Bloc 2, Ionad Bheatha na hEireann,  
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Dublin 1.  
Telephone. (01)724755  
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CONDITIONS / REASONS

01 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.

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

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

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

03 The proposed trade distribution area shall not be used for retail trading.

03 REASON: In the interest of the proper planning and development of the area.

04 That the requirements of the Supervising Environmental Health Officer be ascertained and strictly adhered to in the development.

REASON: In the interest of health.

05 That the requirements of the Chief Fire Officer be ascertained and strictly adhered to in the development.

REASON: In the interest of safety and the avoidance of fire hazard.

06 That the requirements of the Sanitary Services Department be ascertained and strictly adhered to in the proposed development.

06 REASON: In order to comply with the Sanitary Services Acts, 1878-1964.

07 That no advertising sign or structure be erected except those which are exempted development, without prior approval of Planning Authority.

REASON: In the interest of the proper planning and development of the area.

NOTE: Compliance with one or more of the conditions of this permission may result in material alterations to the development as initially proposed and, accordingly, may require the submission of a further planning application.



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 Unit 31, Western Parkway Business Centre  
(If none, give description sufficient to identify) Ballymount Road Lower, Walkinstown, Dublin 12

3. Name of applicant (Principal not Agent) Allied Dunbur Limited  
Address c/o 7 Tara Street, Dublin 2, Tel. No. \_\_\_\_\_

4. Name and address of Delany MacVeigh & Pike, Architects, Owenstown House,  
person or firm responsible for preparation of drawings Foster's Ave, Blackrock, Co. Dublin Tel. No. 2832571

5. Name and address to which As 4 above  
notifications should be sent

**EYE LAW APPLICATION.**

6. Brief description of proposed development Trade Reception Area/Internal Additions

REC. NO. **298 N3926**

7. Method of drainage Mains Sewer 8. Source of Water Supply Mains Water

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 Offices/Warehouse

(b) Proposed use of each floor Offices/Warehouse

FREE PAID: **148.75** DATE: **9/5**  
RECEIPT NO: **N39547**

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

*Irish* 11.(a) Area of Site 5.3 acres approx. Sq. m.

*Area* (b) Floor area of proposed development 85 Sq. m.

*8/5/91* (c) Floor area of buildings proposed to be retained within site \_\_\_\_\_ Sq. m.

DUBLIN 12 Permission is sought by Allied Dunbur Ltd for new trade reception area and internal additions to unit 31, Western Parkway Business Centre, Ballymount Road Lower.

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

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

09 MAY 91

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

15.List of documents enclosed with application. 4 copies of drgs: 400B: 5.11.622-01, Newspaper Notice: Outline Specification; Site Plan; Site Location Map.

16.Gross floor space of proposed development (See back) 85 Sq. m.

No of dwellings proposed (if any) \_\_\_\_\_ Classes of Development Class 4 & C

Fee Payable € 446.25 Basis of Calculation Planning 85m2 x €1.75; Bye-Laws 85m2 x €3.50  
If a reduced fee is tendered details of previous relevant payment should be given

Signature of Applicant (or his Agent) Michael Ceinin Date 8/5/91

Application Type P/BBL FOR OFFICE USE ONLY

Register Reference 918/0752

Amount Received € 2,164.4

Receipt No \_\_\_\_\_

Date 22-1

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 <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.

# COMHAIRLE CHONTAE ÁTHA CLIATH

RECEIPT CODE

PAID BY  DUBLIN COUNTY COUNCIL

CASH

CHEQUE

M.O.

B.L.

I.T.

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 39547

€148.75

Received this 10th day of May 1991  
from Nokia Sunsoft Ltd.

the sum of one hundred and forty eight Pounds  
twenty five Pence, being for fee  
planning application at Unit 21 Western  
Parkway Business Centre  
Moller Deane Cashier

S. CAREY  
Principal Officer 10/5/91

# COMHAIRLE CHONTAE ÁTHA CLIATH

PAID BY

DUBLIN COUNTY COUNCIL

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

**EYE LAW APPLICATION.**

CASH

CHEQUE

M.O.

B.L.

LT.

REC. No. N 39236

£ 298.00

Received this

10th

day of

May

1991

from

Nokia Sunfit Ltd.

the sum of

two hundred and ninety eight

Pounds

Pence, being

10/-

eye law application at Unit 31 Western  
Parkway Business Centre  
Malahide Deane

Cashier

S. CAREY  
Principal Officer

Class C

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 Iacht,  
Lower Abbey Street,  
Baile Atha Cliath 1.  
Dublin 1.  
Telephone. (01)724755  
Fax. (01)724896

Register Reference : 91A/0752

Date : 10th May 1991

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

Dear Sir/Madam,

DEVELOPMENT : New trade reception area and internal additions

LOCATION : Unit 31 Western Parkway Business Centre, Ballymount  
Road Lower

APPLICANT : Allied Dunbur Ltd

APP. TYPE : PERMISSION/BUILDING BYE-LAW APPROVAL

With reference to above, I acknowledge receipt of your application received on 9th May 1991.

Yours faithfully,

.....  
PRINCIPAL OFFICER

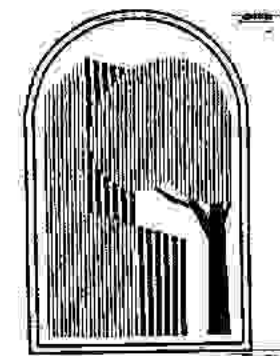
Delany MacVeigh & Pike, Architects  
Owenstown House,  
Foster's Avenue,  
Blackrock,  
Co. Dublin.



MC/PH/H073.10

8 May, 1991

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



**DELANY  
MAC VEIGH  
& PIKE**

Architects  
Interior Designers  
Planning Consultants  
Owenstown House  
Foster's Avenue  
Blackrock, Co. Dublin  
Tel: 832571. Fax: 833126

Re: Unit 31, Western Parkway Business Centre, Ballymount Rd  
Lower, Walkinstown

Dear Sir,

On behalf of our clients Allied Dunbur Ltd we wish to apply for Planning Permission and Building Bye-Law Approval for a trade reception area and internal additions to the above.

We request a waiver for Bye-Law No. 76 so as to permit the use of mechanical ventilation for the 2 additional internal rooms.

Please find enclosed 4 copies of the following documentation.

1. Drgs., 400B; SP01A; SP03; S.11 622-01
2. Outline Specification
3. Newspaper Notice
4. Planning and Building Bye-Law Fee
5. Completed Application Form
6. Structural Calculations

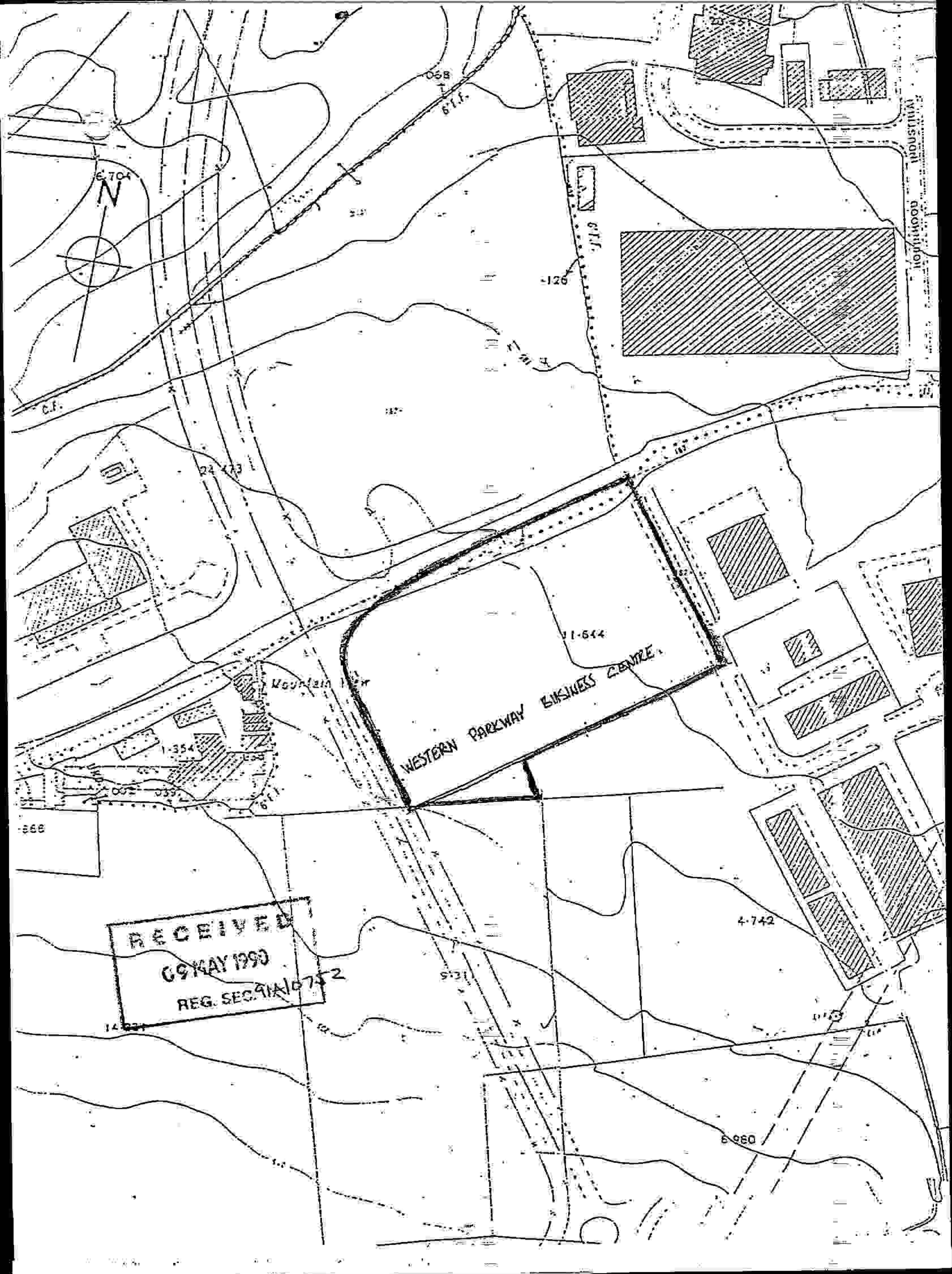
Yours faithfully,

  
Michael Crimin for  
DELANY MACVEIGH & PIKE

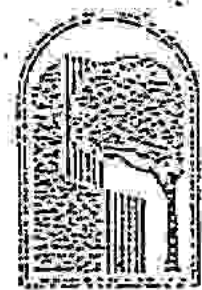
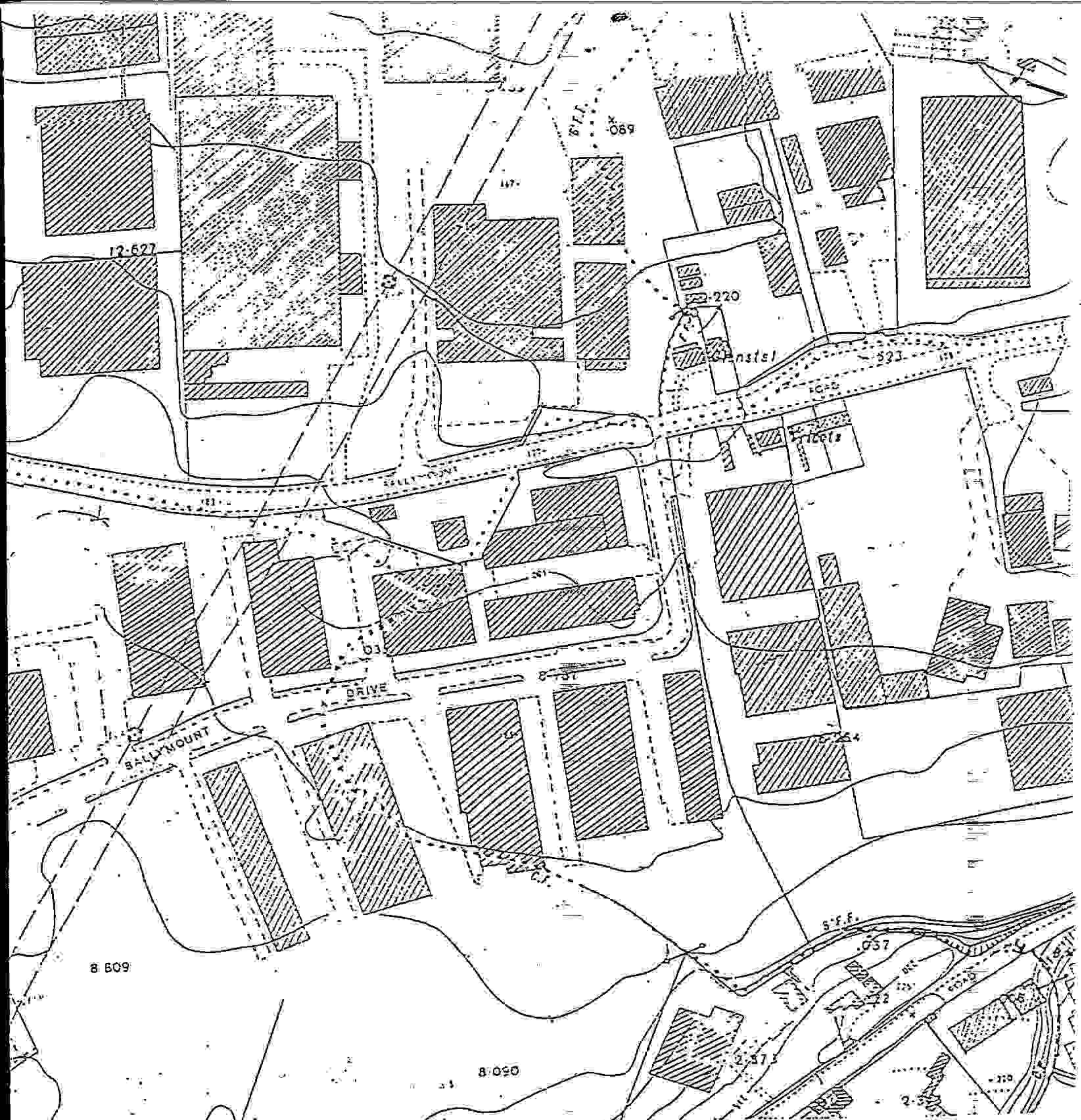
Enclosures:

Eoin MacVeigh, Dip. Arch., M.R.I.A.I., R.I.B.A.  
James Pike, Dip. Arch., F.R.I.A.I., R.I.B.A.  
John O'Mahony, Dip. Arch., M.R.I.A.I.  
Planning Consultants  
Patrick M. Delany, B.Arch., F.R.I.A.I., M.I.P.I., R.T.P.I.

Registered in Ireland. Reg. No. 81175.



RECEIVED  
09 MAY 1993  
REG. SEC. 91A/0752



**DELANY  
MAC VEIGH  
& PIKE**  
Architects  
Civil Engineers  
Planning Consultants  
Oxenstown House  
Foster's Avenue  
Blackrock, Co. Dublin  
Tel: 823771 Fax: 833124

JOB INDUSTRIAL UNITS AT BALLYMOUNT ROAD LOWER	SCALES 1:2500	DATE JUNE 89
	DWN.	
Figured dimensions only to be used		© This drawing is copyright
DWG. SITE LOCATION MAP	JOB No. H073	DWG.No. SP03

NLEY PEPPER

onsu Engineers  
Civil and Structural

Contract

Western Parkway Unit 31

Job ref.

Part of structure

Bas. Low Calculations

Calc. Sheet No.

1.

Drawing ref.

Calculations by

Checked by

Date

PR

May '91.

Telephone 832967/8.

Members  
ref.

CALCULATIONS

OUTPUT

NEW EXTENSION.

LOADINGS

Dead load = 1.0 kN/m<sup>2</sup>

Live load = 3.0 kN/m<sup>2</sup>



TIMBER JOISTS

Span = 3.0m

Using joists @ 300 mm c/c.

⇒ UDL = 0.3 × (3.0 + 1.0) = 1.2 kN/m.

BM =  $\frac{1.2 \times 3.0^2}{8}$  = 1.35 kN.m.

Using 175x50, grade SCB / GS

$Z = \frac{50 \times 175^2}{6}$   
= 2.5 × 10<sup>5</sup> mm<sup>3</sup>

$f_b = \frac{1.35 \times 10^6}{2.5 \times 10^5}$  = 5.4 N/mm<sup>2</sup>

$p_b = 5.3 \times 1.1 = 5.83$  N/mm<sup>2</sup> ∴ 0.4.

$S = \frac{5}{384} \times \frac{1.2}{8000} \times \frac{3000^4}{223 \times 10^2}$

= 7.1 mm ≡ Span/420

∴ 0.4

TIMBER JOISTS

175 x 50 @ 300 c/c

GS GRADE

Contract: Western Parkway Unit 31  
 Part of structure: Bay-dome Calculations  
 Drawing ref.: RR  
 Calculations by: RR  
 Checked by: RR  
 Date: May '91  
 Job ref.: \_\_\_\_\_  
 Calc. Sheet No.: 2

Members ref. CALCULATIONS OUTPUT

2. MAIN STEEL BEAM.

Span = 6.0 m.  
 Supports 30 m of floor  
 ⇒ UDL = 3.0 kN/m

$B.M. = 12 \times 6.0^2 = 18 \text{ kN/m}$

$Z_{req} = \frac{54 \times 10^6}{165} = 327 \text{ cm}^3$

∴ Use 305 x 165 x 40 kg/m UB.

$f_b = \frac{54 \times 10^6}{8523 \times 10^4} = 97 \text{ N/mm}^2$

$S = \frac{384}{5} \times 12.0 \times \frac{2.1 \times 10^5}{6000^4} \times 8523 \times 10^4 = 11 \text{ mm}$

∴ 0.4.

305 x 165 x 40 UB  
MAIN BEAM.

INLEY PEPPER

Structural Engineers  
Civil & Structural

Contract

Western Parkway Unit 31

Job ref.

Part of structure

Bay-Low Calculations

Calc. Sheet No.

3

Drawing ref.

Calculations by

Checked by

Date

FR

May '91

Telephone 832967/8.

Members  
ref.

CALCULATIONS

OUTPUT

Steel Beam @ New Ope.

Span = 3.0 m.

Beam supports 1.5m Timber Floor + 3.2m Concrete Floor  
+ SW wall

Concrete Floor Load: SW = 2.56  
Screed = 1.20  
Cabling & Services = 0.50  
4.26 kN/m<sup>2</sup>

Office load = 2.5 kN/m<sup>2</sup>

∴ UDL = 3.2(4.3 + 2.5) + 1.5(3.0 + 1.0) + (3 × 4.0)  
= 40 kN/m.

BM =  $\frac{40 \times 3.0^2}{8}$   
= 45 kN.m.

Z<sub>req</sub> =  $\frac{45 \times 10^6}{165}$  = 272 cm<sup>3</sup>

∴ Use 152 UC 37

f<sub>b</sub> =  $\frac{45 \times 10^6}{274.2 \times 10^3}$  = 164 N/mm<sup>2</sup>

S =  $\frac{5}{384} \times \frac{40.0}{2.1 \times 10^5} \times \frac{3000^4}{2218 \times 10^4}$

= 9.0 mm ≡ Span/333

BEAM OVER OPE

152 UC 37:

∴ O.K.

MC/PH/H073.SP3/7 May 1991

OUTLINE SPECIFICATION

FOR

INTERNAL ADDITIONS

TO

UNIT 31  
WESTERN PARKWAY BUSINESS CENTRE  
BALLYMOUNT ROAD LOWER  
WALKINSTOWN

FOR

ALLIED DUNBUR LIMITED

Prepared By:

Delany MacVeigh & Pike  
Owenstown House  
Foster's Avenue  
Blackrock  
Co. Dublin

MAY 1991



- Blockwork** : Separating wall between warehouse and office to be 440x215x215mm size hollow concrete blocks.
- Rising walls to dpc level to be 440 x 215 x 100mm solid concrete blocks laid flat.
- Foundations** : Reinforced concrete strip footings to engineers detail.
- DPC** : Provide horizontal dpc to all walls at finished floor level.
- Universal Beams** : 305 x 165 UB 40kg/m  
152 UC 25kg/m  
100 x 100 x 8mm metal angle.
- Flat Roof** : 25mm T and G flooring grade chipboard on 175 x 50mm joists at 300mm centres, 2 layers of 12.5mm Gyproc fireline board skimmed finished to ceilings.
- 100 x 75mm timber wallplates bolted to UB with 8mm bolts at 900mm centres.
- Provide bat straps at 900mm centres.
- Flat roof to be carried out in accordance with engineers details.
- Shutter** : Provide thro steel fire shutter by specialist manufacturer.
- Fire Doors & Screens** : provide door and screens to fire ratings indicated on drawing.
- Ventilation** : Provide mechanical ventilation to new trade distribution area and showroom to give a minimum of 3 air changes/hr.



Provide mechanical ventilation to new wc to give 3 air changes/hr.

Provide fire dampers to ventilation ducts where they pass thro compartment wall or roof.

**Drainage**

: Armstrong junctions, back inlet gully traps, pipes to be U.P.V.C. Marley or similar approved.