

ARTHUR GIBNEY and PARTNERS
20 Harcourt Street, Dublin 2.

Architecture · Planning · Interior Design.
Telephone 784300, 715323. Fax 6795467.

7th May 1991

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

Handwritten: 10/5
Stamp: 08. MAY 91

Ref: 91A/0638 - Unit 303 The Square Tallaght, for McDonald's
Restaurant Ireland Limited.

Dear Mr Whelan,

Further to your letter of 1st May 1991, and our telephone conversation today. I would like you to re examine your request for an additional £220.00 in respect of the signage for the above.

Our fee submitted was based on £40 for a shopfront and £10 per meter for signage which in this case is 5sqm (including the golden arch). This produces a fee of £90.

There is only one external sign/shopfront to unit 303 as illustrated on our drawing number 91.09.07 which would be subject to planning considerations, the other signs as illustrated on drawing 91.09.06 are internal signs.

We have checked with the architects for the developers - Burke Kennedy Doyle, who are of the same opinion and who have not paid fees for internal signage in respect of other units in the development which they have carried out.

We trust that if you agree with us then the planning period should run from 22nd April '91.

Yours sincerely

Handwritten signature: John Dempsey

John Dempsey

Arthur Gibney & Partners

Arthur Gibney, Dip. Arch. F.R.I.A.I. M.S.P.I. R.H.A. David Harris, B. Arch. R.I.B.A. M.R.I.A.I. Brendan Millar, Dip. Arch. M.R.I.A.I.
Aidan Murray, F.R.I.A.I. Deirdre O'Connor, Dip. Arch. F.R.I.A.I. James G. O'Connor, Dip. Arch. M.R.I.A.I.



Bloc 2, Ionad Bheatha na nEireann,
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/0638

Date : 1st May 1991

Dear Sir/Madam,

Development : Shop front and associated signage.

LOCATION : Unit No. 303, level 3, The Square, Tallaght, Co.
Dublin.

Applicant : Mc Donald's Restaurants Irl. Ltd.,

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Date Recd : 22nd April 1991

Your application in relation to the above was submitted with a fee of
£90.00 .

On examination of the plans submitted it would appear that the
appropriate amount should be £310.00 .

I should be obliged if you would submit the balance of £220.00
as soon as possible as a decision cannot be made on this application
until the correct fee is received.

Yours faithfully,

.....
PRINCIPAL OFFICER

Arthur Gibney & Partners,
20 Harcourt Street,
Dublin 2.

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

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 13.08.1991
Reference: 91A/0638

91A 0638

Date : 30th April 1991

Development : Shop front and associated signage.

LOCATION : Unit No. 303, level 3, The Square, Tallaght, Co. Dublin.

Applicant : Mc Donald's Restaurants Irl. Ltd.,

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Planning Officer : M. DARLEY

Date Recd. : 22nd April 1991

DUBLIN COUNTY COUNCIL
MAY 1991

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

Yours faithfully,

Paul Galvin

PRINCIPAL OFFICER

THE ABOVE PROPOSAL IS ACCEPTABLE SUBJECT TO:

- 1/ Compliance with the Building Bye-Laws.
- 2/ Compliance with THE FOOD HYGIENE Regulations 1950/89.
- 3/ A mechanically aided system of mechanical ^{EXTRACT} ventilated capable of providing a minimum of three air changes per hour to be provided to all water closets.
- 4/ The lobbies to the water closet accommodation must be permanently and independently ventilated to the external air. A system of intake ventilation capable of providing a minimum of two air changes per hour must be installed.
- 5/ A mechanically aided system of intake and extract ventilation capable of providing at least,
(1) 20 air changes per hour to the cooking area.
(2) 15 air changes per hour to the dining areas shall be installed.
Flue from the extract system must extend at least one metre above the eaves level of the building.
/ DRINKING water facilities shall be provided for the use of staff and patrons. This supply in addition to the cold water supply to the kitchen sinks.

SUPER. ENVIRON. HEALTH OFFICER,
33 GARDINER PLACE,
DUBLIN 1.

91A 0638

EASTERN HEALTH BOARD

P.C. _____ Reg. Ref: _____

Proposed: _____

At: _____

For: _____

Plans lodged: _____

Architect: _____

Observations and recommendations of Env. Health Officers and/or Supervising Env. Health Officer.

shall be taken directly from the rising main and not fed through a storage tank.

7. ALL DRAINAGE CONNECTIONS TO BE SUCH AS NOT TO GIVE RISE TO A PUBLIC HEALTH NUISANCE.

8. THE HEALTH BOARD TO BE NOTIFIED OF THE NATURE AND EXTENT OF THE PROPOSED FOOD BUSINESS before commencement of work.

9. The ice machine ~~is~~ to be connected direct to the rising main.

John Healy
30/7/95

Peter Whelan
EHO 30/7/95

SS + cmo

®

Register Reference : 91A/0638

Date : 30th April 1991

Development : Shop front and associated signage.

LOCATION : Unit No. 303, level 3, The Square, Tallaght, Co. Dublin.

Applicant : Mc Donald's Restaurants Irl. Ltd.,

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Planning Officer : M. DARLEY

Date Recd. : 22nd April 1991

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

Yours faithfully,

[Handwritten signature]

DUBLIN Co. COUNCIL	DUBLIN Co. COUNCIL SANITARY SERVICES
- 9 MAY 1991	17 JUN 1991
SAN SERVICES	Returned <i>[Signature]</i>

Date received in Sanitary Services

FOUL SEWER

*Available to approved system
Suitable + adequate space intercepter to be installed
as outlet from kitchen.*

SURFACE WATER

Available.

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

[Handwritten signature] 31/4/91

J.R. 7/6/91

PLANNING DEPT. DEVELOPMENT CONTROL SECT

Date: 1806.91

Time: 12.30

Register Reference : 91A/0638

Date : 30th April 1991

.....
ENDORSED _____ DATE _____

WATER SUPPLY.....

Water available
4-er/bleay
9/5/91

.....
ENDORSED DATE 11/6/91

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date ...18.06.91.....
Time.....12.30.....

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Register Reference : 91A/0638

Date Received : 22nd April 1991

Correspondence : Arthur Gibney & Partners,
Name and : 20 Harcourt Street,
Address : Dublin 2.

Development : Shop front and associated signage.

Location : Unit No. 303, level 3, The Square, Tallaght, co. Dublin.

Applicant : Mc Donald's Restaurants Irl. Ltd.

App. Type : Permission

Zoning : D

CW 4839

CONTRIBUTION	
Standard	nil
Roads	had in
Signs	full
Open Space	
Other	
SECURITY:	
Band/C.I.F.	
Cash:	

MD
(MD/DK)

Report of the Dublin Planning Officer dated 7th June, 1991.

This is an application for PERMISSION for a shop front and signage at unit no. 303, level 3, The Square, for McDonald's Restaurant.

The floor area of the proposed development is 442.14 sq. m.

By decision order P/4592/88, Reg. Ref. 88A-1442, planning permission was granted for the development known as The Square.

By decision order P/4599/90, Reg. Ref. 90A-1511, permission was granted for proposed use of retail units 301, 302 and 303 as hot food take-away.

The proposed shop front is an acceptable proposal. Sign of a fascia board with individual lettering reading 'McDonalds' is proposed. The colour of the perspex fascia panel is stated to be red. The colour of the main text is not stated. A large 'M' McDonald's logo is proposed in yellow perspex face in the window of one of the units. This is acceptable.

I recommend that a decision to GRANT PERMISSION be made under the Local Government (Planning and Development) Acts, 1963-1990 subject to the following (2) conditions:-

CONDITIONS / REASONS

01 The development to be carried out in its entirety in accordance with the

7

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Reg.Ref: 91A/0638

Page No: 0002

Location: Unit No. 303, Level 3, The Square, Tallaght, Co. Dublin.

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 no ^{other} 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.

18
Endorsed:
for Principal Officer

Richard Cremino SEF
for Dublin Planning Officer 10-6-91

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 (2) conditions set out above is hereby made.

Dated : 17 June 1991 K.O. Sullivan
ASSISTANT CITY AND COUNTY MANAGER

to whom the appropriate powers have been delegated by order of the Dublin City and County Manager dated 26th April, 1991.
14th June



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/ 2667 /91 Date of Decision : 17th June 1991

Register Reference : 91A/0638 Date Received : 22nd April 1991

Applicant : Mc Donald's Restaurants Irl. Ltd.,

Development : Shop front and associated signage.

Location : Unit No. 303, level 3, The Square, Tallaght, Co.
Dublin.

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:- 2.....ATTACHED.

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

Date: 20/6/91.....

Arthur Gibney & Partners,
20 Harcourt Street,
Dublin 2.

Reg.Ref. 91A/0638
Decision Order No. P/ 2667 /91
Page No: 0002



Bloc 2, Ionad Bheatha na hÉireann,
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Dublin 1.
Telephone: (01)724755
Fax: (01)724896

C O N D I T I O N S / R E A S O N S

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

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

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

Register Reference : 91A/0638

Date : 23rd April 1991

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

Dear Sir/Madam,

DEVELOPMENT : Shop front and associated signage.

LOCATION : Unit No. 303, level 3, The Square, Tallaght, Co.
Dublin.

APPLICANT : Mc Donald's Restaurants Irl. Ltd.,

APP. TYPE : PERMISSION/BUILDING BYE-LAW APPROVAL

With reference to above, I acknowledge receipt of your application received on 22nd April 1991.

Yours faithfully,

.....
PRINCIPAL OFFICER

Arthur Gibney & Partners,
20 Harcourt Street,
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 Unit No. 303, Level 3, The Square, Tallaght, Co. Dublin.
(If none, give description sufficient to identify)

3. Name of applicant (Principal not Agent) Mc Donald's Restaurants Ireland Ltd,
Address Heritage House, 23 St. Stephen's Green, Dublin 2 Tel. No. 766222

BYE LAW APPLICATION
REC. NO. 1547-50
N 35606

4. Name and address of person or firm responsible for preparation of drawings Arthur Gibney & Partners,
20 Harcourt Street, Dublin 2. Tel. No. 784300

5. Name and address to which notifications should be sent Arthur Gibney & Partners,
20 Harcourt Street, Dublin 2.

6. Brief description of proposed development External shop front and associated signage (plus internal restaurant fit out)

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

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

90
22/4
N 35328

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 N/A Sq. m.
(b) Floor area of proposed development 442.14 Sq. m.
(c) Floor area of buildings proposed to be retained within site N/A Sq. m.

Irish Press 20/4/91

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

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: Substantially

15. List of documents enclosed with application. copy of newspaper ad: Irish Press dated April 20 1991
Architect's Drg Nos: 91.09.00,01,02D, 104A, 05A, 06, 07, 09
Engineer's Drg. NO. TE 22.01A, TE.22.HVAC.02 & calculations. Cheque.

DUBLIN COUNTY COUNCIL
Planning permission is sought for proposed shop front and associated signage for unit No. 303, level 3, The Square, Tallaght, Co. Dublin. Signed McDonald's Restaurants of Ireland Limited

16. 442.14 Sq. m.
No of dwellings proposed (if any) none Class(es) of Development A(Planning) C(Building Bye Law)
Fee Payable € 1637.50 Basis of Calculation See letter
If a reduced fee is tendered details of previous relevant payment should be given N/A

Signature of Applicant (or his Agent) Michael Lando-s Date April 22 1991

Application Type P/BBL FOR OFFICE USE ONLY
Register Reference 91A/0638
Amount Received € 2112
Receipt No 340.0.1
Date

RECEIVED
22 APR 1991
REG. SEC.

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			BUILDING BYE-LAW Charges effective 15/2/88		
CLASS NO.	DESCRIPTION	FEE	CLASS NO.	DESCRIPTION	FEE
1.	Provision of dwelling — House/Flat.	£32.00 each	A	Dwelling (House/Flat)	£55 each
2.	Domestic extensions/other improvements.	£16.00	B	Domestic Extension (improvement/alteration)	£30 each
3.	Provision of agricultural buildings (See Regs.)	£40.00 minimum	C	Building — Office/Commercial Purposes	£3.50 per m ² (min. £70)
4.	Other buildings (i.e. offices, commercial, etc.)	£1.75 per sq. metre (Min. £40.00)	D	Agricultural Buildings/Structures	£1.00 per m ² in excess of 300 sq. metres (min. £70)
5.	Use of land (Mining, deposit or waste)	£25.00 per 0.1 ha (Min. £250.00)	E	Petrol Filling Station Development or Proposals not coming within any of the foregoing classes.	£200
6.	Use of land (Camping, parking, storage)	£25.00 per 0.1 ha (Min. £40.00)	F		£9.00 per 0.1 ha. (£70 min.)
7.	Provision of plant/machinery/tank or other structure for storage purposes.	£25.00 per 0.1 ha (Min. £100.00)			
8.	Petrol Filling Station.	£100.00			
9.	Advertising Structures.	£10.00 per m ² (min. £40.00)			
10.	Electricity transmission lines.	£25.00 per 1,000m (Min. £40.00)			
11.	Any other development.	£5.00 per 0.1 ha (Min. £40.00)			

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 wall

For full details of Fees and Exemptions see Local Government (Planning and Development) (Fees) Regulations 1984. Fee £30.00 Min Fee £20,000 Max

RECEIPT CODE

COMHAIRLE CHONTAE ATHA CLIATH

PAID BY

DUBLIN COUNTY COUNCIL

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

BYE LAW APPLICATION.

REC. No.

N 35606

£1547.50

Received this

22nd

day of

April

19 91

from

McDonalds Restaurants IRE LTD.

c/o Stephen Green

D.2

the sum of

one thousand five hundred and forty seven Pounds

Pence, being

Eighty

the said application at Unit 203

Spinn

Arthur O'Connell

Cashier

S. CAREY

Principal Officer

[Signature]

COMHAIRLE CHONTAE ATHA CLIATH

PAID BY

DUBLIN COUNTY COUNCIL

46/49 UPPER O'CONNELL STREET

DUBLIN 1.

Issue of this receipt is not a judgement that the tendered is the prescribed application fee. N 35328

CASH

CHEQUE

M.O.

B.L.

I.T.

£ 70.00

Received this 22nd day of April 1991

from M. Dinah's Restaurants Ireland ID,
23 St. Stephens Green
D. 2

the sum of ninety Pounds

Pence, being

plaid application at Unit 303, The
Square
Moyleen DE
S. CAREY
Principal Officer

Cashier

11/11/91

Pinewood
Bishopstown,
Cork, Ireland
Telephone 021-545333
Fax No. 353-21-342497

58, North Great Charles Street,
Mounjoy Square,
Dublin 1
Telephone 01-728588
Fax No. 01-365195

Partners:
M. J. Horgan B.E., C.Eng., M.I.C.E., M.I.E.I.
D. F. Lynch B.E., C.Eng., F.I.E.I.
F. V. Murray B.E., C.Eng., M.I.Struct.E., M.I.E.I.
P. L. Anthony B.E., C.Eng., M.I.Struct.E., M.I.C.E., M.I.E.I.

HORGAN LYNCH PARTNERS

CONSULTING ENGINEERS

Our ref TE/22

Your ref

Reply to Dublin Date 17.04.91

MC DONALDS RESTAURANT FIT OUT

THE SQUARE, TALLAGHT TOWNCENTRE

ARCHITECT : Arthur Gibney & Partners

RECEIVED

22 APR 1991

91A/0638

Reg. Sec.

We act as Consulting Engineers for the above project.

We hereby certify that the design of the project has been carried out by a competent and experienced Chartered Engineer and will be in accordance with Irish Standard Specifications and British Standard Specifications and Codes of Practice where applicable.

In particular, design will be in accordance with the following codes:-

Reinforced Concrete
Foundations
Loadings
Blockwork
Timber
Steelwork

B.S. 8110 1985
CP 2004 1972
B.S. 6399
B.S. 5628 1978
B.S. 5268 Part 2 1984
B.S. 449 Part 2 1969

Signed,



Frank V. Murray B.E. CEng. M.I.E.I. Struct. E.

For the attention :-

PLANNING DEPARTMENT, DUBLIN COUNTY COUNCIL AND TO WHOM IT MAY CONCERN

ARTHUR GIBNEY and PARTNERS

Architecture · Planning · Interior Design.

20 Harcourt Street, Dublin 2.

Telephone 784300, 715323. Fax 6795467.

April 22 1991

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

RE: Proposed Mc Donald's Restaurant,
Unit No. 303, Level 3, The Square,
Tallaght, Co. Dublin.

Dear Sir,

I am applying on behalf of my client Mc Donald's Restaurants Ireland Ltd, for full Planning Permission for proposed shop front and signage at the above and for Building Bye-Law for the proposed works.

Please find enclosed the following:

1. Completed application form;

2. Cheque in the amount of £1,637.50 made payable to Dublin County Council;

Fee made up as follows:

Bye-Law Application fee:

442.14M² x £3.50 = £1,547.50

Planning Application Fee:

Fee for shop front: = £40.00

Fee for signage: 5M² x £10 = £50.00

TOTAL FEE: = £1,637.50



3. Full page of newspaper (Irish Press) dated April 20 1991 giving notice of our application;

4. Structural calculations; Structural Engineer's certificate;

5. Architect's drawing numbers:

91.09.00, 01, 02D, 04A, 05A, 06, 07, 09;

6. Engineer's drawing numbers:

TE.2201A, TE.22.HVAC. 02.

I trust you find the above in order. If you have any queries, please do not hesitate to contact the undersigned.

Yours faithfully,

Michael Landers

Michael Landers. B. Arch. M.R.I.A.I.
ARTHUR GIBNEY AND PARTNERS

Encls/

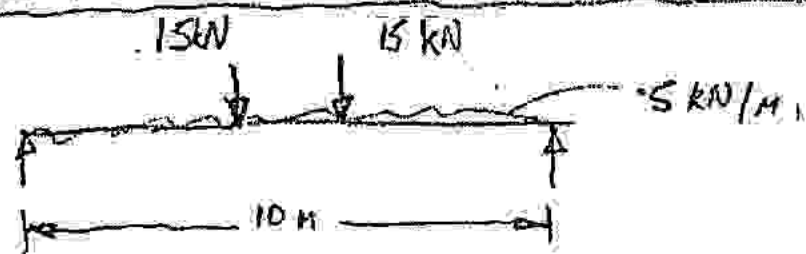
STRUCTURAL DESIGN
CALCULATIONS FOR
WATER TANK SUPPORTS

Mc DONALDS RESTAURANT
THE SQUARE
TALLAGHT TOWN CENTRE

RECEIVED

22 APR 1991
91A/0638
Reg. Sec.

WATER TANK SUPPORT BEAMS DESIGN



2.0 x 3.0 x 1.0
= 6M³ WATER TANK
⇒ 60kN

$$M_{MAX} = 15 \times \frac{10}{2} - 15 \times \frac{10}{2} + 5 \times \frac{10^2}{8} = 73.75$$

$$Z_{REQD} = \frac{73.75}{165} = 447 \text{ cm}^3$$

TRY : 406 x 178 x 54 UB

$$Z_x = 925.3 \text{ cm}^3 \quad r_y = 3.85 \text{ cm}$$

$$D = 402.6 \quad T = 10.9$$

CHECK $\frac{e}{r} = \frac{7(1000)}{3.85} = 182$

$$\frac{D}{T} = \frac{402.6}{10.9} = 37$$

$$P_{bc} = 71 \text{ N/mm}^2 \quad \text{--- TABLE 3(a) B.S. 449}$$

$$Z_{REQD} = \frac{73.75}{71} = 1038 \text{ cm}^3 > 925.3$$

TRY 457 x 191 x 67 U.B.

$$Z_x = 1296 \text{ cm}^3 \quad r_y = 4.12 \text{ cm} \quad I_x = 29401 \text{ cm}^4$$

$$D = 453.6 \quad T = 12.7$$

CHECK $\frac{e}{r} = \frac{7(1000)}{4.12} = 170$

$$\frac{D}{T} = \frac{453.6}{12.7} = 35.7$$

$$\Rightarrow P_{bc} = 82 \text{ N/mm}^2 \quad \text{--- TABLE 3(a) B.S. 449}$$

$$Z_{REQD} = \frac{73.75}{82} = 899 \text{ cm}^3$$

$$< 1296 \text{ OK}$$

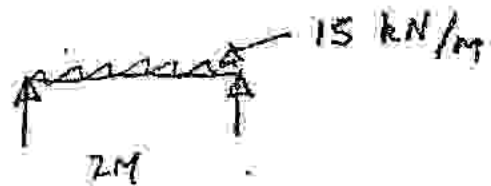
CHECK DEFLECTION

$$\frac{30 \times 10^3 (10 \times 10^3)^3}{48 \times 2.1 \times 10^5 \times 29401 \times 10^4} = 10.1 \text{ mm}$$

$$< \frac{10000}{360} = 27.7 \text{ mm}$$

USE

457 x 191 x 67
UB.



$$M_{MAX} = 15 \times 2^2 / 8 = 7.5 \text{ kN}\cdot\text{m}$$

$$Z_{REQD} = 7.5 / 165 = 45 \text{ cm}^3$$

USE 178 x 102 x 19 U.B'S

$$Z_x = 153 \text{ cm}^3 > 45 \text{ } \therefore \text{OK}$$



$$M_{MAX} = 15 \times 3^2 / 8 = 16.9 \text{ kN}\cdot\text{m}$$

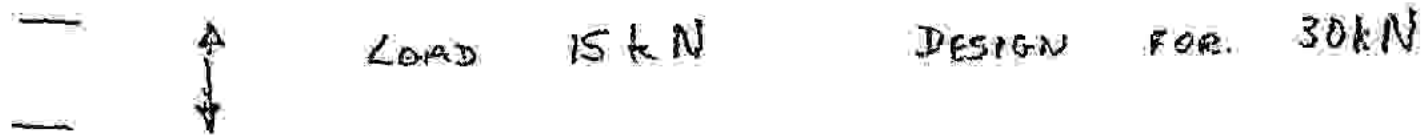
$$Z_{REQD} = 16.9 / 165 = 102.4 \text{ cm}^3$$

USE 178 x 102 x 19 U.B'S

$$Z_x = 153 > 102 \therefore \text{OK}$$

DEFLECTION OK BY INSPECTION.

SUSPENSION MEMBERS



$$\text{AREA OF SECTION REQD} = \frac{30}{155} \Rightarrow 1.93 \text{ cm}^2$$

$$100 \times 100 \times 5 \text{ RHS} \Rightarrow 18.9 \text{ cm}^2$$

BOLTS IN TENSION

$$4 \text{ No } M20 \text{ GRADE 8.8 BOLTS} \Rightarrow 4 \times 82 = 328 \text{ kN}$$

>> 30 kN

\therefore OK.